Driver History for the R&S®CMW Wideband Radio Communication Tester

Products:

- R&S®CMW500

- R&S®CMW270

- R&S®CMW100

Driver history for LabWindows/CVI and VXIplug&play Instrument Driver for C/C++, VEE, etc.

Driver Documentation
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ROHDE&SCHWARZ

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2 RScmw - Base unit (3.7.401)

rscmw Base driver		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
3.7.401	07/2019	* New core 3.5.0 * Fixed rscmw_DefaultInstrSetup - deleted SCPI command CONF:BASE:SCEN EXP
3.7.400	05/2019	* Update for firmware 3.7.40 * New Core 3.4.0 * Added functions: - rscmw_QueryCMWSDeviceID - rscmw_DeactivateAllAttenuationCorrectionTables - rscmw_DeactivateCMWSAllAttenuationCorrectionTables - rscmw_ConfigureScreenshotArea - rscmw_ResetDevice - rscmw_GetAttributeRepCapName - rscmw_rscmw_ConfigureAutoSystemErrQuery - rscmw_ConfigureMultiThreadLocking
3.7.100	12/2017	* Update for firmware 3.7.10 * Updated: - rscmw_ConfigureSubinstruments - rscmw_InitiateUserTrigger

rscmw Base driver		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
3.5.1000	03/2017	* Update for CMW firmware version 3.5.1000 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Added functions: - rscmw_QueryInternalTemperature - rscmw_ConfigureMultipleWindowMode - rscmw_AssignResourceToSubinstruments - rscmw_GetMaxNumberOfSubinstruments - rscmw_ConfigureDeviceGroup - rscmw_CreateMacro - rscmw_StartMacroRecording - rscmw_StopMacroRecording - rscmw_DeleteMacro - rscmw_DeleteAllMacros - rscmw_SaveMacro - rscmw_LoadMacro - rscmw_QueryMacro - rscmw_QueryMacroLabels - rscmw_ConfigureRemoteTrace - rscmw_ConfigureRemoteTraceFile - rscmw_ConfigureRemoteTraceFilter - rscmw_ConfigureRemoteTraceStartStopMode - rscmw_ConfigureScreenshotFormat - rscmw_ClearStatus - rscmw_IDQueryResponse - rscmw_ProcessAllPreviousCommands - rscmw_QueryOPC - rscmw_SetVISATimeout - rscmw_GetVISATimeout - rscmw_ConfigureErrorChecking - rscmw_ReliabilityIndicator * Updates functions: - rscmw_QueryOptionList - rscmw_QuerySubnetNodeInfo
3.2.700	12/2014	* Update for CMW firmware version 3.2.70 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file Added functions - rscmw_ConfigureMonitorDisplayState - rscmw_ConfigureTreeNavigationMode - rscmw_ConfigureStartupBehavior - rscmw_QueryCalibrationDateTime - rscmw_QueryRFCorrectionFile - rscmw_QueryNetworkAdapter - rscmw_QueryAttenuationCorrectionTableExistance - rscmw_SaveScreenshotToFile * Updates functions: - rscmw_QueryCommonReliability - rscmw_ConfigureSignalingMessageMonitoring - rscmw_ConfigureSubnetNode - rscmw_GetAttenuationCorrectionTable

rscmw Base driver		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
3.0.120	08/2012	Update for CMW firmware version 3.0.10 * Added functions/attributes: - rscmw_AllGeneratorsOff - rscmw_AllMeasurementsOff - rscmw_AllSignalingApplicationsOff - rscmw_QueryOptionVersionInfo - rscmw_ConfigureSignalingMessageMonitoring - rscmw_ConfigureFanControl - rscmw_ClearSCPIRemoteTraceDisplay - rscmw_ConfigureBaseTriggerSlope - rscmw_InitiateUserTrigger - rscmw_ConfigureSubnetNode - rscmw_QuerySubnetNodeInfo - rscmw_ConfigureNetworkAdapter - rscmw_QuerySubnetMonitor - rscmw_RefreshSubnetMonitor - rscmw_ConfigureCMWSAttenuationCorrectionTableDirection - rscmw_ConfigureCMWSGPRFGeneratorSingleRFConnector - rscmw_ConfigureCMWSGPRFGeneratorIndividualRFConnector - rscmw_GetAttenuationCorrectionTablesCount - rscmw_GetCMWSAttenuationCorrectionTable - rscmw_DataSetApplicationOperations - rscmw_resetApplication - rscmw_PresetApplication * Updates and fixes: - RSCMW_ATTR_GET_RESOURCE_STRING - added new resources as repeated capabilities - rscmw_StartTimer - FP fix - rscmw_ConfigureAttenuationCorrectionTable - new operations added - rscmw_ConfigureAttenuationCorrectionTableDirection - updated API - rscmw_GetAttenuationCorrectionTable - updated API - rscmw_GetAliases - help fix

rscmw Base driver		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
2.1.100	08/2011	Release for CMW firmware version 2.1.20 * Added features: - Calibration subsystem - Buffer subsystem - Timer subsystem * Added functions/attributes: - rscmw_ConfigureSynchronizationMode - rscmw_QueryOptionList - rscmw_QueryCommonReliability - rscmw_QueryConnectorRelation - rscmw_ConfigureReportDisplay - rscmw_GetSubinstrumentsInfo - rscmw_QueryDeviceID - rscmw_QueryBaseTriggerSourceCatalog - rscmw_QueryAllCalibrations - rscmw_QueryLatestCalibration - rscmw_BufferOperations - rscmw_FetchBuffer - rscmw_FetchBufferLines - rscmw_SetTimestamp - rscmw_QueryTimestamp - rscmw_StartTimer - rscmw_GetCurrentDrive - rscmw_DataSetFileOperations - rscmw_SetFileAttributes - rscmw_ReadFileAttributes - rscmw_GetAliases * Updates and fixes: - Updated rscmw_ConfigureAttenuationCorrectionTable - valid values added - Updated rscmw_ConfigureAttenuationCorrectionTableDirection - Connector values added - Updated rscmw_FileManagerOperations - attribute RSCMW_ATTR_FILE_MANAGER_CHANGE_DRIVE added
1.0.50	03/2009	Release for CMW firmware version 1.0.6 * Added features: - Status subsystem - Frequency-Dependent Attenuation Settings - Base Trigger - Address Settings subsystem - Display Settings subsystem - Device Settings subsystem * Added functions/attributes: - rscmw_GetReferenceFrequencyState - rscmw_error_code_query * Updates and fixes: - Updated rscmw_ConfigureReferenceOscillator - Updated rscmw_LockControls - Updated file (MMEMory) subsystem - Updated rscmw_ErrorList - Updated rscmw_Preset - new preset ways * Fixed rsidr_core - see rsidr_core.c for list of changes

rscmw Base driver		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
1.0.40	09/2008	- Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Fixed rscmw_RsClose function
1.0	10/2007	Initial revision

3 RscmwAM - Audio Measurement (3.7.200)

rscmwam driver for Audio Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.200	04/2019	* New core 3.4.0 * New: - Recording - Playback - rscmwam_ConfigureAutoSystemErrQuery - rscmwam_ConfigureMultiThreadLocking - rscmwam_GetAttributeRepCapName * Modified: - rscmwam_ActivateAudioScenario
3.7.100	03/2018	* New: - rscmwam_QuerySingleToneAnalogMeasurementLimitsCheckResults - rscmwam_QuerySingleToneDigitalMeasurementLimitsCheckResults - rscmwam_ClearSpeechEventLog * Modified: - rscmwam_ReadSingleToneAnalogMeasurementLimits - rscmwam_FetchSingleToneAnalogMeasurementLimits - rscmwam_ActivateAudioScenario
3.5.300	03/2017	- rscmwam_ActivateAudioScenario - rscmwam_ConfigureSpeechAnalysisFilter - rscmwam_ConfigureErrorChecking * Deleted: - rscmwam_ConfigureAudioScenario
3.5.200	10/2016	* New functions: - rscmwam_ConfigureClockDrift - rscmwam_QueryEventLogAllEntries - rscmwam_QueryEventLogLastEntry - rscmwam_ClearStatus - rscmwam_IDQueryResponse - rscmwam_ProcessAllPreviousCommands - rscmwam_QueryOPC - rscmwam_SetVISATimeout - rscmwam_GetVISATimeout - rscmwam_ReadToFileFromInstrument - rscmwam_WriteFromFileToInstrument
3.5.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.100	03/2015	* Update for CMW firmware version 3.5.10 * New - rscmwam_ConfigureAudioMeasurementandGenerator - rscmwam_ConfigureExternalAnalogSpeechAnalysis - rscmwam_ConfigureExternalDigitalSpeechAnalysis - rscmwam_ConfigureMicrophoneandSpeakerTest - rscmwam_QueryPossibleMasterStrings

rscmwam driver for Audio Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.2.300	11/2014	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Update for CMW firmware version 3.2.30 - Internal changes for range checking in functions
3.2.200	06/2014	* Update for CMW firmware version 3.2.20 * New functions: - rscmwam_ConfigureSingleToneMeasurementFilterWindowFunction - rscmwam_ConfigureSingleToneSpectrumState - rscmwam_ConfigureSpeechAnalysisControl
3.2.100	06/2013	- Initial version

4 RScmwBTM - Bluetooth Measurement (4.0.200)

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
4.0.200	07/2022	* Update for firmware version 4.0.20 * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * New: - rscmwbtm_ConfigureMEvalMeasListSegmentCTESettings - rscmwbtm_FetchMEvalMeasListSegmentModulationAverageExtended - rscmwbtm_FetchMEvalMeasListSegmentModulationMaximumExtended - rscmwbtm_FetchMEvalMeasListSegmentExtremeModulation - rscmwbtm_FetchMEvalMeasListSegmentExtremeModulationExtended * Updated: - rscmwbtm_ConfigureMEvalMeasListSegmentSetup - Packet Type and Payload Length updated - rscmwbtm_ConfigureMEvalMeasListSegmentExtendedSetup - Packet Type and Payload Length updated - rscmwbtm_ConfigureInputSignalAccessAddressLE - Access Address data type changed from ViInt32 to ViInt64 * Deleted: - rscmwbtm_ReadInstrData - rscmwbtm_SetAttributeViSession - rscmwbtm_GetAttributeViSession - rscmwbtm_CheckAttributeViInt32 - rscmwbtm_CheckAttributeViReal64 - rscmwbtm_CheckAttributeViString - rscmwbtm_CheckAttributeViBoolean
3.8.200	01/2021	* Update for firmware version 3.8.20 * New core 3.12.0 * New: - PER Measurement - rscmwbtm_ConfigureInputSignalStableModulationIndex - rscmwbtm_ConfigureInputSignalLowEnergyDTM - rscmwbtm_ConfigureInputSignalExternalAttenuation - rscmwbtm_RefreshDUTDevices - rscmwbtm_ConfigureDUTHWInterface - rscmwbtm_ResetEUT - rscmwbtm_QueryEUTResult - rscmwbtm_ConfigureEUTCommunicationProtocol - rscmwbtm_ConfigureDUTRS232 - rscmwbtm_QueryDUTCOMPortsCatalog - rscmwbtm_CleanEventLog - rscmwbtm_QueryEventLogAllEntries - rscmwbtm_QueryEventLogLastEntry
3.7.900	06/2020	* Update for firmware version 3.7.90 * New core 3.9.0

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		* Improved help for rscmwbtm_init(), rscmwbtm_InitWithOptions() * Optimized help texts for status codes * New: - rscmwbtm_ConfigureInputSignalLowEnergyCTEAntennaSettings - rscmwbtm_ConfigureMEvalLimitsEDRDifferentialPhaseEncoding - rscmwbtm_ReadMEvalMeasEDRPhaseEncodingCombinedSignal - rscmwbtm_FetchMEvalMeasEDRPhaseEncodingCombinedSignal - rscmwbtm_QueryMEvalMeasEDRPhaseEncodingCombinedSignal - rscmwbtm_QueryMEvalMeasPDEVTraceLimitCheckResults * Updated: - rscmwbtm_ConfigureInputSignalLowEnergyCTESettings - add items AOA1, AOA2 - rscmwbtm_FetchMultiEvalDetectedLowEnergyLRPacketType - add Advertiser - rscmwbtm_FetchMultiEvalDetectedLowEnergy2MPacketType - add Advertiser - rscmwbtm_FetchMultiEvalDetectedLowEnergyCTEType - add AOA1 - rscmwbtm_FetchMultiEvalDetectedLowEnergy2MCTEType - add AOA1 - rscmwbtm_ReadMEvalMeasSpectrumACPResults - update command - rscmwbtm_FetchMEvalMeasSpectrumACPResults - update command - rscmwbtm_QueryMEvalMeasSpectrumACPLimitCheckResults - update command
3.7.800	08/2019	* Update for firmware version 3.7.80 * New core 3.6.1 * New functions/attributes: - RSCMWBTM_ATTR_TRX_MEASUREMENT_ABORT - RSCMWBTM_ATTR_TRX_MEASUREMENT_INIT - RSCMWBTM_ATTR_TRX_MEASUREMENT_STOP - RSCMWBTM_ATTR_INPUT_SIGNAL_LOW_ENERGY_CTE_SLOT_TYPE - RSCMWBTM_ATTR_INPUT_SIGNAL_LOW_ENERGY_2M_CTE_SLOT_TYPE - RSCMWBTM_ATTR_INPUT_SIGNAL_LOW_ENERGY_CTE_UNITS - RSCMWBTM_ATTR_INPUT_SIGNAL_LOW_ENERGY_2M_CTE_UNITS - RSCMWBTM_ATTR_INPUT_SIGNAL_LE2M_PACKET_TYPE - RSCMWBTM_ATTR_CONFIGURE_RF_MEASUREMENT_MODE_LE - rscmwbtm_QueryMEvalMeasLowEnergyCTELimitCheckResults - rscmwbtm_QueryMEvalMeasLowEnergyCTEStandardDeviationLimitCheckResults - rscmwbtm_FetchMEvalMeasLowEnergyCTEStandardDeviationResults - rscmwbtm_QueryMEvalMeasLowEnergyCTELimitCheckResults - rscmwbtm_FetchMEvalMeasLowEnergyCTEResults - rscmwbtm_ReadMEvalMeasLowEnergyCTEResults - rscmwbtm_QueryMEvalMeasLowEnergy2MCTELimitCheckResults - rscmwbtm_QueryMEvalMeasLowEnergy2MCTEStandardDeviationLimitCheckResults - rscmwbtm_FetchMEvalMeasLowEnergy2MCTEStandardDeviationResults - rscmwbtm_ReadMEvalMeasLowEnergy2MCTEStandardDeviationResults - rscmwbtm_FetchMEvalMeasLowEnergy2MCTEResults - rscmwbtm_ReadMEvalMeasLowEnergy2MCTEResults - rscmwbtm_QueryMEvalMeasNormalModeLE2MLimitCheckResults - rscmwbtm_FetchMEvalMeasNormalModeLE2MResults - rscmwbtm_ReadMEvalMeasNormalModeLE2MResults - rscmwbtm_QueryMEvalMeasNormalModeLE2MStandardDeviationLimitCheckResults - rscmwbtm_FetchMEvalMeasNormalModeLE2MStandardDeviationResults - rscmwbtm_ReadMEvalMeasNormalModeLE2MStandardDeviationResults - rscmwbtm_QueryMEvalMeasNormalModeLELRLimitCheckResults - rscmwbtm_FetchMEvalMeasNormalModeLELRResults - rscmwbtm_ReadMEvalMeasNormalModeLELRResults

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwbtm_QueryMEvalMeasNormalModeLELRStandardDeviationLimitCheckResults - rscmwbtm_FetchMEvalMeasNormalModeLELRStandardDeviationResults - rscmwbtm_ReadMEvalMeasNormalModeLELRStandardDeviationResults - rscmwbtm_QueryMEvalMeasPVTLowEnergyLE2MLimitCheckResults - rscmwbtm_FetchMEvalMeasPVTNormalModeLE2MResults - rscmwbtm_ReadMEvalMeasPVTNormalModeLE2MResults - rscmwbtm_QueryMEvalMeasPVTLowEnergyLELRLimitCheckResults - rscmwbtm_FetchMEvalMeasPVTNormalModeLELRResults - rscmwbtm_ReadMEvalMeasPVTNormalModeLELRResults - rscmwbtm_QueryMEvalMeasSpectrumACPNormalModeLE2MLimitCheckResults - rscmwbtm_FetchMEvalMeasSpectrumACPNormalModeLE2MResults - rscmwbtm_ReadMEvalMeasSpectrumACPNormalModeLE2MResults - rscmwbtm_QueryMEvalMeasSpectrumACPNormalModeLELRLimitCheckResults - rscmwbtm_FetchMEvalMeasSpectrumACPNormalModeLELRResults - rscmwbtm_ReadMEvalMeasSpectrumACPNormalModeLELRResults - rscmwbtm_ConfigureMEvalLimitsLowEnergyCTEFrequencyDrift - rscmwbtm_ConfigureMEvalLimitsLowEnergyCTE2MFrequencyDrift - rscmwbtm_ConfigureMEvalLimitsLowEnergyCTEFrequencyOffset - rscmwbtm_ConfigureMEvalLimitsLowEnergyCTE2MFrequencyOffset - rscmwbtm_ConfigureMEvalLimitsLowEnergyCTEPowerDeviation - rscmwbtm_ConfigureMEvalLimitsLowEnergyCTE2MPowerDeviation - rscmwbtm_ConfigureMEvalLimitsLowEnergyFrequency2Deviation - rscmwbtm_ConfigureMEvalLimitsLowEnergy2MFrequency2Deviation - rscmwbtm_ConfigureTRXMeasurementResults - rscmwbtm_FetchMultiEvalDetectedLowEnergyCTEType - rscmwbtm_FetchMultiEvalDetectedLowEnergyCTEUnits - rscmwbtm_FetchMultiEvalDetectedLowEnergy2MCTEType - rscmwbtm_FetchMultiEvalDetectedLowEnergy2MCTEUnits - rscmwbtm_FetchMEvalMeasPDEVTrace - rscmwbtm_FetchMEvalMeasSPowerTrace - rscmwbtm_ReadMEvalMeasSPowerTrace - rscmwbtm_FetchTRXMeasurementSpectrumACP - rscmwbtm_FetchTRXMeasurementCurrentModulation - rscmwbtm_FetchTRXMeasurementPower - rscmwbtm_FetchTRXMeasurementSpotCheck - rscmwbtm_QueryTRXMeasurementStatus * Updated functions/attributes: - rscmwbtm_ConfigureMEvalMeasAssignViewsAll - rscmwbtm_FetchMultiEvalDetectedLowEnergyLRPacketType - rscmwbtm_FetchMultiEvalDetectedLowEnergy2MPacketType - rscmwbtm_QueryMEvalMeasNormalModeLELimitCheckResults - rscmwbtm_ReadMEvalMeasNormalModeLEStandardDeviationResults - rscmwbtm_FetchMEvalMeasNormalModeLEStandardDeviationResults - rscmwbtm_QueryMEvalMeasNormalModeLEStandardDeviationLimitCheckResults - rscmwbtm_ReadMEvalMeasPVTNormalModeLEResults - rscmwbtm_FetchMEvalMeasPVTNormalModeLEResults - rscmwbtm_QueryMEvalMeasPVTLowEnergyLELimitCheckResults - rscmwbtm_FetchRXQualityDetectedAdvertiserAddress - rscmwbtm_FetchRXQualitySensitivity - rscmwbtm_FetchRXQualitySpotCheck - rscmwbtm_FetchRXQualityState - rscmwbtm_FetchRXQualityStateList

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
3.7.600	06/2019	* Update for firmware version 3.7.60 * New core 3.5.0 * New functions/attributes: - RSCMWBTM_ATTR_CONFIGURE_RF_CHANNEL_TO_MEASURE_LE - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_CODING_SCHEME - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_PHYSICAL_LAYER - RSCMWBTM_ATTR_RXQ_ADVERTISER_CHANNEL - RSCMWBTM_ATTR_RXQ_EXTERNAL_ATTENUATION - RSCMWBTM_ATTR_RXQ_ARB_PROCESSING_ENABLED - RSCMWBTM_ATTR_RXQ_MEASUREMENT_MODE - RSCMWBTM_ATTR_RXQ_PER_TX_LEVEL - RSCMWBTM_ATTR_RXQ_PER_PACKETS_TO_SEND - RSCMWBTM_ATTR_RXQ_SCANNER_ADDRESS - RSCMWBTM_ATTR_RXQ_SCANNER_ADDRESS_TYPE - RSCMWBTM_ATTR_RXQ_SENSITIVITY_RETRY_COUNT - RSCMWBTM_ATTR_RXQ_SENSITIVITY_START_LEVEL - RSCMWBTM_ATTR_RXQ_SENSITIVITY_STEP_SIZE - RSCMWBTM_ATTR_RXQ_SPOT_CHECK_TX_LEVEL - RSCMWBTM_ATTR_QUERY_RXQ_STATE - rscmwbtm_ConfigureMEvalMeasListSegmentExtendedSetup - rscmwbtm_ConfigureMEvalLimitsLowEnergyLRFrequencyDrift - rscmwbtm_ReadMEvalMeasLowEnergyCodedStandardDeviationResults - rscmwbtm_FetchMEvalMeasLowEnergyCodedStandardDeviationResults - rscmwbtm_QueryMEvalMeasLowEnergyCodedStandardDeviationLimitCheckResults - rscmwbtm_ReadMEvalMeasNormalModeResults - rscmwbtm_FetchMEvalMeasNormalModeResults - rscmwbtm_QueryMEvalMeasNormalModeLimitCheckResults - rscmwbtm_ReadMEvalMeasNormalModeStandardDeviationResults - rscmwbtm_FetchMEvalMeasNormalModeStandardDeviationResults - rscmwbtm_QueryMEvalMeasNormalModeStandardDeviationLimitCheckResults - rscmwbtm_ReadMEvalMeasNormalModeLEResults - rscmwbtm_FetchMEvalMeasNormalModeLEResults - rscmwbtm_QueryMEvalMeasNormalModeLELimitCheckResults - rscmwbtm_ReadMEvalMeasNormalModeLEStandardDeviationResults - rscmwbtm_FetchMEvalMeasNormalModeLEStandardDeviationResults - rscmwbtm_QueryMEvalMeasNormalModeLEStandardDeviationLimitCheckResults - rscmwbtm_ReadMEvalMeasPVTNormalModeResults - rscmwbtm_FetchMEvalMeasPVTNormalModeResults - rscmwbtm_QueryMEvalMeasPVTNormalModeLimitCheckResults - rscmwbtm_ReadMEvalMeasPVTNormalModeLEResults - rscmwbtm_FetchMEvalMeasPVTNormalModeLEResults - rscmwbtm_QueryMEvalMeasPVTLowEnergyLELimitCheckResults - rscmwbtm_ReadMEvalMeasSpectrumACPNormalModeResults - rscmwbtm_FetchMEvalMeasSpectrumACPNormalModeResults - rscmwbtm_QueryMEvalMeasSpectrumACPNormalModeLimitCheckResults - rscmwbtm_ReadMEvalMeasSpectrumACPNormalModeLEResults - rscmwbtm_FetchMEvalMeasSpectrumACPNormalModeLEResults - rscmwbtm_QueryMEvalMeasSpectrumACPNormalModeLELimitCheckResults - rscmwbtm_ReadMEvalMeasSpectrumACPTraceResults - rscmwbtm_FetchMEvalMeasSpectrumACPTraceResults - rscmwbtm_ReadMEvalMeasSpectrumGatedACPTraceResults - rscmwbtm_FetchMEvalMeasSpectrumGatedACPTraceResults - rscmwbtm_ReadMEvalMeasSpectrumOBWTraceResults

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwbtm_FetchMEvalMeasSpectrumOBWTraceResults - rscmwbtm_FetchMEvalMeasListSegmentModulationExtended - rscmwbtm_FetchMEvalMeasListSegmentModulationStandardDeviationExtended - rscmwbtm_FetchRXQualityDetectedAdvertiserAddress - rscmwbtm_FetchRXQualityPER - rscmwbtm_FetchRXQualityPERPacketsReceived - rscmwbtm_FetchRXQualitySensitivity - rscmwbtm_FetchRXQualitySpotCheck - rscmwbtm_FetchRXQualityState - rscmwbtm_FetchRXQualityStateList - rscmwbtm_ConfigureRXQualitySignalRoute - rscmwbtm_ConfigureRXQualitySignalRouteUsage - rscmwbtm_GetAttributeRepCapName - rscmwbtm_SetOPCTimeout - rscmwbtm_GetOPCTimeout - rscmwbtm_ConfigureAutoSystemErrQuery - rscmwbtm_ConfigureMultiThreadLocking * Updated functions/attributes: - RSCMWBTM_ATTR_INPUT_SIGNAL_LE_PACKET_TYPE: Added DATA packet type. - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_PACKET_TYPE: Added ADVertiser packet type. - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_PATTERN: Added ALL1 pattern. - rscmwbtm_ConfigureInputSignalLowEnergySettings: Removed ALT pattern. - rscmwbtm_ConfigureInputSignalLowEnergy2MSettings: Removed ALT pattern. - rscmwbtm_ConfigureMEvalMeasListSegmentSetup: Added ADVertiser packet type and ALL1 pattern. - rscmwbtm_ConfigureMEvalMeasList: Added ADVertiser packet type and ALL1 pattern. - rscmwbtm_ConfigureMEvalLimitsBasicModulationRatio: Updated range. - rscmwbtm_ConfigureMEvalLimitsLowEnergyFrequencyDrift: Updated default value. - rscmwbtm_ConfigureMEvalLimitsLowEnergyModulationRatio: Updated range. - rscmwbtm_ConfigureMEvalLimitsLowEnergy2MFrequencyDrift: Updated default value. - rscmwbtm_ConfigureMEvalLimitsLowEnergy2MModulationRatio: Updated range. - rscmwbtm_ReadMEvalMeasBasicRateResults: Added XMAX, XMIN commands. - rscmwbtm_FetchMEvalMeasBasicRateResults: Added XMAX, XMIN commands. - rscmwbtm_QueryMEvalMeasBasicRateLimitCheckResults: Added XMAX, XMIN commands. - rscmwbtm_ReadMEvalMeasLowEnergyResults: Added XMAX, XMIN commands. - rscmwbtm_FetchMEvalMeasLowEnergyResults: Added XMAX, XMIN commands. - rscmwbtm_QueryMEvalMeasLowEnergyLimitCheckResults: Added XMAX, XMIN commands. - rscmwbtm_ReadMEvalMeasLowEnergyLRResults: Added XMAX, XMIN commands. - rscmwbtm_FetchMEvalMeasLowEnergyLRResults: Added XMAX, XMIN commands. - rscmwbtm_QueryMEvalMeasLowEnergyLRLimitCheckResults: Added XMAX, XMIN commands. - rscmwbtm_ReadMEvalMeasLowEnergy2MResults: Added XMAX, XMIN commands. - rscmwbtm_FetchMEvalMeasLowEnergy2MResults: Added XMAX, XMIN commands. - rscmwbtm_QueryMEvalMeasLowEnergy2MLimitCheckResults: Added XMAX, XMIN commands. - rscmwbtm_FetchMultiEvalDetectedLowEnergyPacketType: Added DATA packet type. - rscmwbtm_FetchMultiEvalDetectedLowEnergyLRPacketType: Added DATA packet type. - rscmwbtm_FetchMultiEvalDetectedLowEnergy2MPacketType: Added DATA packet type.
3.7.100	12/2017	* Update for firmware version 3.7.10 * Updated: - rscmwbtm_ConfigureMEvalLimitsEDRPowerVsTime
3.5.500	11/2016	* Update for firmware version 3.5.500 * Added *OPC? after each command * New functions - rscmwbtm_ConfigureInputSignalAutoSynchronize

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwbtm_ConfigureInputSignalTestPacketSynchWord - rscmwbtm_ClearStatus - rscmwbtm_IDQueryResponse - rscmwbtm_ProcessAllPreviousCommands - rscmwbtm_QueryOPC - rscmwbtm_SetVISATimeout - rscmwbtm_GetVISATimeout
3.5.302	02/2016	* Fixed session closing
3.5.301	02/2016	* Version 3.5.301 * Fixed 64bit version * Changed numbers of error codes to prevent overlapping of numbers
3.5.300	12/2015	* Update for firmware version 3.5.300 * New functions - rscmwbtm_ConfigureInputSignalLowEnergyOffSlotsCount - rscmwbtm_ConfigureMEvalMeasListCMWSConnector * Updated functions - rscmwbtm_ConfigureMEvalMeasListSegmentSetup - rscmwbtm_ConfigureMEvalMeasList - rscmwbtm_FetchMultiEvalDetectedPatternType - rscmwbtm_FetchMultiEvalDetectedLowEnergyPatternType
3.5.100	03/2015	* Update for firmware version 3.5.100 * Reliability control help updated * Modified functions - rscmwbtm_ConfigureAnalyzerStandAloneScenario - rscmwbtm_QuerySignalRouting
3.2.701	02/2015	* Update for firmware version 3.2.700 * General - Commands in fp functions help are the same form as in documentation * Added functions - rscmwbtm_ReadMEvalMeasPVTLowEnergyResults - rscmwbtm_FetchMEvalMeasPVTLowEnergyResults - rscmwbtm_ReadMEvalMeasSpectrumACPLowEnergyResults - rscmwbtm_FetchMEvalMeasSpectrumACPLowEnergyResults * Modified functions - rscmwbtm_ReadMEvalMeasBasicRateFrequencyRange - reading results with rscmwbtm_GetMeasTrace - rscmwbtm_FetchMEvalMeasBasicRateFrequencyRange - reading results with rscmwbtm_GetMeasTrace * Obsolete functions - rscmwbtm_ReadMEvalMeasSpectrumACPLowEnergyLimitCheckResults - rscmwbtm_FetchMEvalMeasSpectrumACPLowEnergyLimitCheckResults - rscmwbtm_ReadMEvalMeasPVTLowEnergyLimitCheckResults - rscmwbtm_FetchMEvalMeasPVTLowEnergyLimitCheckResults
3.2.700	11/2014	* Update for firmware version 3.2.700 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Modified functions - rscmwbtm_ConfigureMEvalMeasListSegmentSetup - rscmwbtm_ConfigureMEvalMeasList - rscmwbtm_ReadMEvalMeasPVTBasicRateResults - rscmwbtm_FetchMEvalMeasPVTBasicRateResults - rscmwbtm_QueryMEvalMeasPVTBasicRateLimitCheckResults

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
3.2.500	06/2014	* Update for firmware version 3.2.500 * Added functions - rscmwbtm_ConfigureMeasurementDisplay - rscmwbtm_ConfigureAnalyzerCombinedSignalPath - rscmwbtm_ConfigureRF - rscmwbtm_ConfigureMEvalMeasFrequencyRange - List measurement - rscmwbtm_ConfigureMEvalLimitsEDRPhaseEncoding - rscmwbtm_ConfigureMEvalLimitsSpectrumFrequencyRange - rscmwbtm_ConfigureMEvalLimitsSpectrumFrequencyAccuracy - rscmwbtm_ConfigureMEvalLimitsLowEnergyFrequencyAcc - rscmwbtm_ReadMEvalMeasBasicRateFrequencyRange - rscmwbtm_FetchMEvalMeasBasicRateFrequencyRange - rscmwbtm_QueryMEvalMeasBasicRateFrequencyRange - rscmwbtm_ReadMEvalMeasBasicRateTraceFrequencyRangeAverage - rscmwbtm_FetchMEvalMeasBasicRateTraceFrequencyRangeAverage - rscmwbtm_ReadMEvalMeasEDRPhaseEncoding - rscmwbtm_FetchMEvalMeasEDRPhaseEncoding - rscmwbtm_QueryMEvalMeasEDRPhaseEncoding * Modified functions - rscmwbtm_ConfigureAnalyzerStandAloneScenario - rscmwbtm_ConfigureMEvalMeasStatisticsCount - rscmwbtm_ConfigureMEvalMeasAssignViews - rscmwbtm_ConfigureMEvalMeasTrigger - rscmwbtm_ConfigureMEvalLimitsSpectrumACP - rscmwbtm_ReadMEvalMeasPVTBasicRateResults - rscmwbtm_FetchMEvalMeasPVTBasicRateResults - rscmwbtm_QueryMEvalMeasPVTBasicRateLimitCheckResults - rscmwbtm_ReadMEvalMeasPVTEDRResults - rscmwbtm_FetchMEvalMeasPVTEDRResults - rscmwbtm_QueryMEvalMeasPVTEDRLimitCheckResults
3.2.100	09/2013	* Update for firmware version 3.2.100 * Modified functions - rscmwbtm_QuerySignalRouting - RX3, RX4
3.0.120	04/2012	Release for CMW firmware version 3.0.12 * Added functions/attributes - RSCMWBTM_ATTR_INPUT_SIGNAL_LOW_ENERGY_PATTERN - RSCMWBTM_ATTR_INPUT_SIGNAL_LOW_ENERGY_PATTERN_LENGTH - rscmwbtm_ConfigureMEvalLimitsPacketTypeBasicFrequencyDrift - rscmwbtm_ConfigureMEvalLimitsBasicModulationRatio - rscmwbtm_ConfigureMEvalLimitsLowEnergy99Percent - rscmwbtm_ConfigureMEvalLimitsLowEnergyFrequencyOffset - rscmwbtm_ConfigureMEvalLimitsLowEnergyFrequencyDrift - rscmwbtm_ConfigureMEvalLimitsLowEnergyFrequencyDeviation - rscmwbtm_ConfigureMEvalLimitsLowEnergyModulationRatio - rscmwbtm_ConfigureMEvalLimitsLowEnergyPowerVsTime - rscmwbtm_ConfigureMEvalLimitsLowEnergySpectrumACP - rscmwbtm_ReadMEvalMeasLowEnergyLimitCheckResults - rscmwbtm_FetchMEvalMeasLowEnergyLimitCheckResults - rscmwbtm_QueryMEvalMeasLowEnergyLimitCheckResults - rscmwbtm_ReadMEvalMeasLowEnergyStandardDeviationLimitCheckResults - rscmwbtm_FetchMEvalMeasLowEnergyStandardDeviationLimitCheckResults

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwbtm_QueryMEvalMeasLowEnergyStandardDeviationLimitCheckResults - rscmwbtm_FetchMultiEvalDetectedLowEnergyPacketType - rscmwbtm_FetchMultiEvalDetectedLowEnergyPatternType - rscmwbtm_FetchMultiEvalDetectedPatternLowEnergyYield - rscmwbtm_ReadMEvalMeasPVTLowEnergyLimitCheckResults - rscmwbtm_FetchMEvalMeasPVTLowEnergyLimitCheckResults - rscmwbtm_QueryMEvalMeasPVTLowEnergyLimitCheckResults - rscmwbtm_ReadMEvalMeasSpectrumACPLowEnergyLimitCheckResults - rscmwbtm_FetchMEvalMeasSpectrumACPLowEnergyLimitCheckResults - rscmwbtm_QueryMEvalMeasSpectrumACPLowEnergyLimitCheckResults * Modified functions - rscmwbtm_QuerySignalRouting - modified function panel in fp - rscmwbtm_ConfigureInputSignalBurstType - added Low Energy - rscmwbtm_ConfigureMEvalMeasACPMode - added Low Energy - rscmwbtm_ConfigureMultiEvalMeasurementFilterBandwidth - added Low Energy - rscmwbtm_ConfigureMEvalLimitsSpectrumOBW - added parameters - rscmwbtm_FetchMultiEvalDetectedPayloadLength - rscmwbtm_QueryMEvalMeasSpectrumGatedACPLimitCheckResults - rscmwbtm_ReadMEvalMeasSpectrumGatedACPResults - updated help - rscmwbtm_FetchMEvalMeasSpectrumGatedACPResults - updated help - rscmwbtm_FetchMEvalMeasSpectrumGatedACPTrace - updated help * Modified help - all Reliability help updated
2.1.100	07/2011	Release for CMW firmware version 2.1.10.xx * Added functions/attributes - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_20DB_STATISTIC_COUNT - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_ACP_STATISTIC_COUNT - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_GATED_ACP_STATISTIC_COUNT - rscmwbtm_ConfigureInputSignalDetectionMode RSCMWBTM_ATTR_INPUT_SIGNAL_DETECTION_MODE - rscmwbtm_ConfigureMEvalMeasACPStatisticsCount RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_ACP_STATISTIC_COUNT - rscmwbtm_ConfigureMEvalMeasACPMode RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_ACP_MODE_BR RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_ACP_MODE_EDR - rscmwbtm_ConfigureMEvalLimitsSpectrumGatedACP - rscmwbtm_FetchMultiEvalDetectedBasicRatePacketType - rscmwbtm_FetchMultiEvalDetectedEDRPacketType - rscmwbtm_FetchMultiEvalDetectedOffSlotsCount - rscmwbtm_FetchMultiEvalDetectedPatternType - rscmwbtm_FetchMultiEvalDetectedPatternYield - rscmwbtm_FetchMultiEvalDetectedPayloadLength - rscmwbtm_ReadMEvalMeasSpectrumGatedACPResults - rscmwbtm_FetchMEvalMeasSpectrumGatedACPResults - rscmwbtm_QueryMEvalMeasSpectrumGatedACPLimitCheckResults - rscmwbtm_ReadMEvalMeasSpectrumGatedACPTrace - rscmwbtm_FetchMEvalMeasSpectrumGatedACPTrace * Modified functions - rscmwbtm_ConfigureInputSignalEDRBurstSettings - added Off Slots Count - rscmwbtm_ConfigureInputSignalBasicBurstSettings - added Off Slots Count - rscmwbtm_ConfigureMEvalMeasStatisticsCount - API changded, now configures all measurement type, added new settings

rscmwbtm driver for Bluetooth Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwbtm_ConfigureMEvalMeasAssignViews - added Spectrum Gated ACP view - rscmwbtm_ConfigureMEvalMeasAssignViewsAll - added Spectrum Gated ACP view - rscmwbtm_ReadMEvalMeasBasicRateResults - added Modulation Ratio - rscmwbtm_FetchMEvalMeasBasicRateResults - added Modulation Ratio - rscmwbtm_QueryMEvalMeasBasicRateLimitCheckResults - added Modulation Ratio - rscmwbtm_ReadMEvalMeasBasicRateStandardDeviation - added Modulation Ratio - rscmwbtm_HeadMEvalMeasBasicRateStandardDeviation - added Modulation Ratio - rscmwbtm_QueryMEvalMeasBasicRateStandardDeviationLimitCheckResults - added Modulation Ratio - rscmwbtm_ReadMEvalMeasSpectrumACPResults - changed command, now returns all 79 Channels - rscmwbtm_FetchMEvalMeasSpectrumACPResults - changed command, now returns all 79 Channels - rscmwbtm_QueryMEvalMeasSpectrumACPLimitCheckResults - changed command, now returns all 79 Channels - rscmwbtm_ReadMEvalMeasSpectrumACPTrace - changed command, now returns all 79 Channels - rscmwbtm_FetchMEvalMeasSpectrumACPTrace - changed command, now returns all 79 Channel
2.0.110	02/2010	Release for CMW firmware version 2.0.10.xx * Added functions/attributes - rscmwbtm_QuerySignalRouting - rscmwbtm_ConfigureMEvalMeasTimeout * Modified functions - rscmwbtm_ConfigureAnalyzerStandAloneScenario - rscmwbtm_ReadMEvalMeasSpectrumACPResults - changed command - rscmwbtm_FetchMEvalMeasSpectrumACPResults - changed command - rscmwbtm_QueryMEvalMeasSpectrumACPLimitCheckResults - changed command - rscmwbtm_ReadMEvalMeasSpectrumACPTrace - changed command - rscmwbtm_FetchMEvalMeasSpectrumACPTrace -changed command
1.0.150	02/2010	Release for CMW firmware version 1.0.15 Added features - Power vs Time measurement - Differential Error Vector Magnitude measurement - Phase Difference measurement - Frequency Deviation measurement - IQ Constellation Error Measurement Added functions/attributes - RSCMWBTM_ATTR_INPUT_SIGNAL_DEVICE_BD_ADDRESS - RSCMWBTM_ATTR_MULTI_EVAL_MEASUREMENT_PVT_STATISTIC_COUNT - rscmwbtm_ConfigureInputSignalBluetoothDeviceAddress - rscmwbtm_ConfigureMEvalMeasPVTStatisticsCount - rscmwbtm_ConfigureMEvalMeasAssignViews - rscmwbtm_ConfigureMEvalMeasAssignViewsAll - rscmwbtm_ConfigureMEvalLimitsBasicPowerVsTime - rscmwbtm_ConfigureMEvalLimitsEDRPowerVsTime * Modified functions - rscmwbtm_ConfigureMEvalMeasStatisticsCount
1.0.100	09/2009	Release for CMW firmware version 1.0.10.1 Initial revision

5 RScmwBTS - Bluetooth Signaling (4.0.200)

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
4.0.200	07/2022	* Update for firmware version 4.0.20 * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * Modified: - rscmwbts_ConfigureConnectionPacketsTypeESCO - Packets Type values updated - rscmwbts_ConfigureConnectionPacketsTypeSCO - Packets Type values updated - rscmwbts_QueryConnectionSignalingLEState - State values updated * Deleted: - rscmwbts_ReadInstrData - rscmwbts_SetAttributeRawString - use rscmwbts_SetAttributeViString - rscmwbts_GetAttributeRawString - use rscmwbts_GetAttributeViString - rscmwbts_SetAttributeViSession - rscmwbts_GetAttributeViSession - rscmwbts_CheckAttributeViInt32 - rscmwbts_CheckAttributeViReal64 - rscmwbts_CheckAttributeViString - rscmwbts_CheckAttributeViBoolean - rscmwbts_CheckAttributeViSession
3.8.200	01/2021	* Update for firmware version 3.8.20 * New core 3.12.0 * New: - rscmwbts_ConfigureEUTIgnorePowerControlCapability - rscmwbts_ConfigureEUTTxPowerStepSize - rscmwbts_ConfigureEUTPowerControl - rscmwbts_QueryEUTPowerControlLEState - rscmwbts_RefreshConnectionDevices - rscmwbts_QueryConnectionSignalingLEState
3.7.900	07/2020	* Update for firmware version 3.7.90 * New core 3.9.0 * Improved help for rscmwbts_init(), rscmwbts_InitWithOptions() * Optimized help texts for status codes * New: - rscmwbts_ConfigureRFRxTxChannelNumber - rscmwbts_QueryRFFrequencyForTestMode - rscmwbts_ConfigurePHYLETestMode - rscmwbts_ConfigureLELRTestModeCoding - rscmwbts_ConfigureConnectionPacketsTypeESCO - rscmwbts_ConfigureConnectionPacketsTypeSCO - rscmwbts_ConfigureConnectionTestModeAvailable - rscmwbts_ConfigureConnectionTestModePIN - rscmwbts_ConfigureConnectionTestModeSendEnablePIN - rscmwbts_ConfigureConnectionWaitForCheckingMap - rscmwbts_ConfigureRXQInterBurstLength

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwbts_ConfigureRXQIgnoreTestEnd - rscmwbts_ConfigureRXQDumpIQPairs - rscmwbts_ReadRXQTestModePERValues - rscmwbts_FetchRXQTestModePERValues - rscmwbts_QueryRXQTestModePERLimitCheckResults - rscmwbts_ReadRXQTestModeLRPERValues - rscmwbts_FetchRXQTestModeLRPERValues - rscmwbts_QueryRXQTestModeLRPERLimitCheckResults - rscmwbts_ReadRXQ2MTestModePERValues - rscmwbts_FetchRXQ2MTestModePERValues - rscmwbts_QueryRXQ2MTestModePERLimitCheckResults - rscmwbts_ReadRXQTestModePERValues - rscmwbts_FetchRXQTestModePERValues - rscmwbts_QueryRXQTestModePERLimitCheckResults - rscmwbts_ReadRXQTestModeLRPERValues - rscmwbts_FetchRXQTestModeLRPERValues - rscmwbts_QueryRXQTestModeLRPERLimitCheckResults - rscmwbts_ReadRXQ2MTestModePERValues - rscmwbts_FetchRXQ2MTestModePERValues - rscmwbts_QueryRXQ2MTestModePERLimitCheckResults - rscmwbts_ConfigureRXQIQCoherencyMeasureOnException - rscmwbts_ConfigureRXQIQDynamicRangeMeasureOnException - rscmwbts_ConfigureRXQIQDynamicRangeAntennaMeanAmplitudeLimitCheckState - rscmwbts_ReadRXQIQDynamicRangeAntennaMeanAmplitudeValues - rscmwbts_FetchRXQIQDynamicRangeAntennaMeanAmplitudeValues - rscmwbts_QueryRXQIQDynamicRangeAntennaMeanAmplitudeLimitCheckResults - rscmwbts_ReadRXQ2MIQDynamicRangeAntennaMeanAmplitudeValues - rscmwbts_FetchRXQ2MIQDynamicRangeAntennaMeanAmplitudeValues - rscmwbts_QueryRXQ2MIQDynamicRangeAntennaMeanAmplitudeLimitCheckResults * Modified: - rscmwbts_ConfigureRFDTXMode - added Test mode LE, LR, LE2M - rscmwbts_ConfigureRFDTXFrequencyDrift - added Test mode LE, LR, LE2M - rscmwbts_ConfigureRFDTXFrequencyOffset - added Test mode LE, LR, LE2M - rscmwbts_ConfigureRFDTXModulationIndexLEStandard - added Test Mode LE, LR, LE2M - rscmwbts_ConfigureRFDTXModulationIndexLEStable - added Test Mode LE, LR, LE2M - rscmwbts_ConfigureRFDTXSymbolTimingErrorLEValue - added Test mode LE, LR, LE2M - rscmwbts_QueryRFDTXFrequencyDrift - added Test Mode LE, LELR, LE2M - rscmwbts_QueryRFDTXFrequencyOffset - added Test Mode LE, LELR, LE2M - rscmwbts_QueryRFDTXSymbolTimingError - added Test Mode LE, LELR, LE2M - rscmwbts_QueryRFDTXModulationIndex - added Std Test Mode LE, LELR, LE2M - rscmwbts_QueryRFDTXStableModulationIndex - added Test Mode LE, LELR, LE2M - rscmwbts_ConfigureCMWOperatingMode - added AUDIO a LETM - rscmwbts_ConfigureConnectionPacketsPattern - added Test Mode LE, LR, LE2M - rscmwbts_ConfigureConnectionPacketsPayloadLength - added Test Mode LE, LELR, LE2M - rscmwbts_ConfigureConnectionCTESignalCharacteristic - removed AOA and added AOA1 - rscmwbts_QueryGeneratorState - added audio types to Sub State - rscmwbts_SignalingAction - added AUDC, ADEX, ADEN - rscmwbts_QuerySignalingBREDRState - added states for audio mode - rscmwbts_ConfigureSignalingLimits - added BER/PER Test Mode LE, LELR, LE2M and Search - rscmwbts_ConfigureRXQNumberOfDataPackets - added Test mode LE, LR, LE2M and Search - rscmwbts_ConfigureRXQLEIntegrity - added Test Mode LE, LR, LE2M and Search - rscmwbts_ConfigureRXQLevelStep - added Test Mode LE - rscmwbts_ReadRXQIQCoherencyValues - scpi cmd&resurn values updated

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwbts_FetchRXQIQCoherencyValues - added Results parameters - rscmwbts_QueryRXQIQCoherencyLimitCheckResults - added Results parameters - rscmwbts_ReadRXQIQCoherencyNonReferenceValues - added Results parameters - rscmwbts_FetchRXQIQCoherencyNonReferenceValues - added Results parameters - rscmwbts_QueryRXQIQCoherencyNonReferenceLimitCheckResults - added Results params - rscmwbts_ReadRXQ2MIQCoherencyValues - added Results parameters - rscmwbts_FetchRXQ2MIQCoherencyValues - added Results parameters - rscmwbts_QueryRXQ2MIQCoherencyLimitCheckResults - added Results parameters - rscmwbts_ReadRXQ2MIQCoherencyNonReferenceValues - added Results parameters - rscmwbts_FetchRXQ2MIQCoherencyNonReferenceValues - added Results parameters - rscmwbts_QueryRXQ2MIQCoherencyNonReferenceLimitCheckResults - added Results par - rscmwbts_ReadRXQIQDynamicRangeValues - added Results parameters - rscmwbts_FetchRXQIQDynamicRangeValues - added Results parameters - rscmwbts_QueryRXQIQDynamicRangeLimitCheckResults - added Results parameters - rscmwbts_ReadRXQ2MIQDynamicRangeValues - added Results parameters - rscmwbts_FetchRXQ2MIQDynamicRangeValues - added Results parameters - rscmwbts_QueryRXQ2MIQDynamicRangeLimitCheckResults - added Results parameters
3.7.800	09/2019	* Update for firmware version 3.7.80 * New core 3.6.1 * New: - rscmwbts_ConfigureRFInputExternalAttenuation - rscmwbts_ConfigureRFOutputExternalAttenuation - rscmwbts_ConfigureRFAntennasGainOffset - rscmwbts_ConfigureConnectionPacketsTypeLE - rscmwbts_ConfigureConnectionPacketsTypeLE2M - rscmwbts_ConfigureConnectionCTESignalCharacteristic - rscmwbts_ConfigureConnectionPagingLECentral - rscmwbts_ConfigureConnectionPagingLEPeripheral - rscmwbts_QueryEUTNormalModeConnectionSettings - rscmwbts_QueryEUTLESignalingCapabilities - rscmwbts_InitiateRXQIQCoherencyMeasurement - rscmwbts_StopRXQIQCoherencyMeasurement - rscmwbts_AbortRXQIQCoherencyMeasurement - rscmwbts_ConfigureRXQIQCoherencySamplesLimit - rscmwbts_ConfigureRXQIQCoherencySamplesNumber - rscmwbts_ConfigureRXQIQCoherencyPacketsNumber - rscmwbts_ConfigureRXQIQCoherencyNonReferenceSamplesLimit - rscmwbts_QueryRXQualityIQCoherencyState - rscmwbts_ReadRXQIQCoherencyValues - rscmwbts_FetchRXQIQCoherencyValues - rscmwbts_QueryRXQIQCoherencyLimitCheckResults - rscmwbts_ReadRXQIQCoherencyNonReferenceValues - rscmwbts_FetchRXQIQCoherencyNonReferenceValues - rscmwbts_QueryRXQIQCoherencyNonReferenceLimitCheckResults - rscmwbts_ReadRXQIQCoherencyMRPTraceResults - rscmwbts_FetchRXQIQCoherencyMRPTraceResults - rscmwbts_ReadRXQ2MIQCoherencyValues - rscmwbts_FetchRXQ2MIQCoherencyValues - rscmwbts_QueryRXQ2MIQCoherencyLimitCheckResults - rscmwbts_ReadRXQ2MIQCoherencyNonReferenceValues - rscmwbts_FetchRXQ2MIQCoherencyNonReferenceValues - rscmwbts_QueryRXQ2MIQCoherencyNonReferenceLimitCheckResults - rscmwbts_InitiateRXQIQDynamicRangeMeasurement - rscmwbts_StopRXQIQDynamicRangeMeasurement

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwbts_AbortRXQIQDynamicRangeMeasurement - rscmwbts_ConfigureRXQIQDynamicRangeSamplesNumber - rscmwbts_ConfigureRXQIQDynamicRangePacketsNumber - rscmwbts_ConfigureRXQIQDynamicRangeLimitCheckState - rscmwbts_QueryRXQualityIQDynamicRangeState - rscmwbts_ReadRXQIQDynamicRangeValues - rscmwbts_FetchRXQIQDynamicRangeValues - rscmwbts_QueryRXQIQDynamicRangeLimitCheckResults - rscmwbts_ReadRXQ2MIQDynamicRangeValues - rscmwbts_FetchRXQ2MIQDynamicRangeValues - rscmwbts_QueryRXQ2MIQDynamicRangeLimitCheckResults * Modified: - rscmwbts_ConfigureRFDTXMode - LE Normal Mode, LE2M Normal Mode added - rscmwbts_ConfigureRFDTXFrequencyDrift - LE Normal Mode, LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureRFDTXFrequencyOffset - LE Normal Mode, LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureRFDTXModulationFrequency - LE Normal Mode, LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureRFDTXModulationIndexLEStandard - LE Normal Mode, LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureRFDTXSymbolTimingErrorLEValue - LE Normal Mode, LE2M Normal Mode and LELR Normal Mode added - rscmwbts_QueryRFDTXFrequencyDrift - LE2M Normal Mode and LELR Normal Mode added - rscmwbts_QueryRFDTXFrequencyOffset - LE2M Normal Mode and LELR Normal Mode added - rscmwbts_QueryRFDTXSymbolTimingError - LE2M Normal Mode and LELR Normal Mode added - rscmwbts_QueryRFDTXModulationIndex - LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureRFLExPERLimit - LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureSignalingLimits - LE2M Normal Mode and LELR Normal Mode added - rscmwbts_ConfigureRXQNumberOfDataPackets - LE2M Normal Mode, LELR Normal Mode, LE2M Normal Mode Search, LELR Normal Mode Search added
3.7.600	06/2019	* Update for firmware version 3.7.60 * New core 3.5.0 * New: - rscmwbts_QueryConnectionTargetsForPagingLE - rscmwbts_QueryEUTNormalModeSettings - rscmwbts_QueryEUTSignalingInformation - rscmwbts_CleanEventLog - rscmwbts_QueryEventLogAllEntries - rscmwbts_QueryEventLogLastEntry - rscmwbts_ReadRXQNormalModePERValues - rscmwbts_FetchRXQNormalModePERValues - rscmwbts_QueryRXQNormalModePERLimitCheckResults - rscmwbts_ReadRXQNormalModePERSearchValues - rscmwbts_FetchRXQNormalModePERSearchValues - rscmwbts_QueryRXQNormalModePERSearchLimitCheckResults - rscmwbts_ConfigureAutoSystemErrQuery - rscmwbts_ConfigureMultiThreadLocking - rscmwbts_GetAttributeRepCapName - rscmwbts_SetOPCTimeout - rscmwbts_GetOPCTimeout * Modified: - rscmwbts_ConfigureConnectionLE - Baud Rate updated

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwbts_ConfigureRXQLevelStep - LE Normal Mode Search added - rscmwbts_ConfigureRXQNumberOfDataPackets - LE Normal Mode, LE Normal Mode Search added - rscmwbts_ConfigureRFDTXModulationFrequency - Normal Mode added - rscmwbts_QueryRFDTXFrequencyDrift - Normal Mode added - rscmwbts_QueryRFDTXFrequencyOffset - Normal Mode added - rscmwbts_QueryRFDTXSymbolTimingError - Normal Mode added - rscmwbts_QueryRFDTXModulationIndex - Normal Mode added - rscmwbts_ConfigureRFLExPERLimit - Normal Mode added - rscmwbts_ConfigureSignalingLimits - Normal Mode added * Deleted: - rscmwbts_ConfigureRFDTXModulationIndexMode
3.7.100	12/2017	* Updated: - rscmwbts_ConfigureRFSignalRouting - rscmwbts_ConfigureConnectionBREDR
3.5.700	03/2017	* New: - rscmwbts_ConfigureRFDTXModulationFrequency - rscmwbts_ConfigureRFDTXModulationIndexLEStandard - rscmwbts_ConfigureRFDTXModulationIndexLEStable - rscmwbts_ConfigureRFDTXSymbolTimingErrorLEValue - rscmwbts_QueryRFDTXStableModulationIndex - rscmwbts_ConfigureCMWOperatingMode - rscmwbts_ConfigurePHYLE - rscmwbts_ConfigureLELRCoding - rscmwbts_SendCustomHCIByte - rscmwbts_ConfigureConnectionAudioLinkSetup - rscmwbts_QueryConnectionAudioA2DPBitRate - rscmwbts_ConfigureConnectionAudioAcceptorRole - rscmwbts_ConfigureRFLExPERLimit - rscmwbts_ReadRXQLRPERValues - rscmwbts_FetchRXQLRPERValues - rscmwbts_QueryRXQLRPERLimitCheckResults - rscmwbts_ReadRXQ2MPERValues - rscmwbts_FetchRXQ2MPERValues - rscmwbts_QueryRXQ2MPERLimitCheckResults - rscmwbts_ReadRXQLRPERSearchValues - rscmwbts_FetchRXQLRPERSearchValues - rscmwbts_QueryRXQLRPERSearchLimitCheckResults - rscmwbts_ReadRXQ2MPERSearchValues - rscmwbts_FetchRXQ2MPERSearchValues - rscmwbts_QueryRXQ2MPERSearchLimitCheckResults - rscmwbts_ConfigureErrorChecking - rscmwbts_WriteCommandWithOPCSync - rscmwbts_QueryWithOPCSync - rscmwbts_setCheckOption - rscmwbts_ReliabilityIndicator - rscmwbts_WriteFromFileToInstrument - rscmwbts_ReadToFileFromInstrument * Modified: - rscmwbts_ConfigureRFDTXMode - added LE Long Range and LE2M - rscmwbts_ConfigureRFDTXFrequencyDrift - added LE Long Range and LE2M - rscmwbts_ConfigureRFDTXFrequencyOffset - added LE Long Range and LE2M - rscmwbts_QueryRFDTXFrequencyDrift - added LE Long Range and LE2M

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwbts_QueryRFDTXFrequencyOffset - added function parameter Array Size, added LE Long Range and LE2M - rscmwbts_QueryRFDTXSymbolTimingError - added function parameter Array Size, added LE Long Range and LE2M - rscmwbts_QueryRFDTXModulationIndex - added function parameter Array Size, added LE Long Range and LE2M - rscmwbts_ConfigureAudioProfileRoles - added A2DP sink role - rscmwbts_ConfigureConnectionPacketsPattern - added LE Long Range and LE2M - rscmwbts_ConfigureConnectionPacketsPayloadLength - added LE Long Range and LE2M - rscmwbts_ConfigureConnectionSpeechCodec - added new codecs - rscmwbts_QueryGeneratorState - added new states - rscmwbts_QuerySignalingState - added new states - rscmwbts_QuerySignalingBREDRState - added new states - rscmwbts_QueryAudioLinkInfo - added new codecs - rscmwbts_ConfigureSignalingLimits - added new burst and measurement types (LE2M and LELR) - rscmwbts_ConfigureRXQNumberOfDataPackets - added new burst and measurement types (LE2M and LELR) - rscmwbts_ConfigureRXQLEIntegrity - added new burst and measurement types (LE2M and LELR) - rscmwbts_QueryRXQualityPERSearchState - added new states
3.5.500	11/2016	* New: - rscmwbts_ConfigureAudioProfileRoles - rscmwbts_ConfigureStackDelay - rscmwbts_ResetLEEUTUSBDevice - rscmwbts_ConfigureDelayAfterLEEUTReset - rscmwbts_ConfigureAFHMode - rscmwbts_ConfigureAFHUserChannels - rscmwbts_QueryAFHUserChannels - rscmwbts_ConfigureConnectionSpeechCodec - rscmwbts_ConfigureConnectionTestPacketSynchWord - rscmwbts_ConfigureConnectionAudioProfiles - rscmwbts_ConfigureConnectionAudioVolumes - rscmwbts_QueryAudioLinkInfo - rscmwbts_QueryEUTeSCO - rscmwbts_ConfigureSignalingLimits - rscmwbts_ConfigureRXQLEIntegrity - rscmwbts_ConfigureRXQLevelStep - rscmwbts_ConfigureRXQSearchTimeout - rscmwbts_InitiateRXQBERSearchMeasurement - rscmwbts_StopRXQBERSearchMeasurement - rscmwbts_AbortRXQBERSearchMeasurement - rscmwbts_QueryRXQualityBERSearchState - rscmwbts_InitiateRXQPERSearchMeasurement - rscmwbts_StopRXQPERSearchMeasurement - rscmwbts_AbortRXQPERSearchMeasurement - rscmwbts_QueryRXQualityPERSearchState - rscmwbts_ReadRXQPERSearchValues - rscmwbts_FetchRXQPERSearchValues - rscmwbts_QueryRXQPERSearchLimitCheckResults - rscmwbts_SetOPCTimeout / rscmwbts_GetOPCTimeout - rscmwbts_SetVISATimeout / rscmwbts_GetVISATimeout - rscmwbts_ClearStatus - rscmwbts_IDQueryResponse - rscmwbts_ProcessAllPreviousCommands - rscmwbts_QueryOPC

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		* Updated: - rscmwbts_SignalingAction - rscmwbts_ConfigureRXQNumberOfDataPackets - rscmwbts_error_query * Deleted: - rscmwbts_ConfigureSignalingLimit
3.5.303	08/2016	* New: - rscmwbts_QueryRXQualityPERState - rscmwbts_InitiateRXQBERMeasurement - rscmwbts_StopRXQBERMeasurement - rscmwbts_AbortRXQBERMeasurement - rscmwbts_QueryRXQualityBERState - rscmwbts_QueryRXQualityBERStateAll - rscmwbts_ReadRXQBERValues - rscmwbts_FetchRXQBERValues - rscmwbts_QueryRXQBERLimitCheckResults - rscmwbts_ReadRXQPERValues - rscmwbts_FetchRXQPERValues - rscmwbts_QueryRXQPERLimitCheckResults
3.5.302	02/2016	Fixed session closing
3.5.301	02/2016	* Fixed 64bit version * Changed numbers of error codes to prevent overlapping of numbers
3.5.300	12/2015	* Update for firmware version 3.5.300 * New: - rscmwbts_ConfigureConnectionBREDRHWInterface - rscmwbts_ConfigureConnectionBREDRProtocol - rscmwbts_ConfigureConnectionBREDR - rscmwbts_ConfigureConnectionBREDRUSBDevice - rscmwbts_QueryConnectionUSBEUT - rscmwbts_ConfigureConnectionLEUSBDevice - rscmwbts_QuerySignalingBREDRState - USB Information * Updated: - rscmwbts_ConfigureConnectionPaging - rscmwbts_ConfigureConnectionPacketsPattern - rscmwbts_ConfigureConnectionPacketsPayloadLength - rscmwbts_ConfigureConnectionLEHWInterface - rscmwbts_ConfigureConnectionLEProtocol - rscmwbts_ConfigureConnectionLE - rscmwbts_SignalingAction
3.5.100	03/2015	* Update for firmware 3.5.10 * Updated: - rscmwbts_ConfigureConnectionLECommunicationProtocol
3.2.700	11/2014	* Version 3.2.700 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Added: - rscmwbts_ConfigureRFAutoRanging - rscmwbts_ConfigureRFChannelNumber - rscmwbts_ConfigureRFLEPERLimit

rscmwbts driver for Bluetooth Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwbts_ConfigureRFLENumberOfDataPackets - rscmwbts_ConfigureRFLETestPacketsRatio - rscmwbts_QueryRFFrequencyForDirectTestMode - rscmwbts_ConfigureRFDTXModulationIndexLE - rscmwbts_ConfigureRFDTXSymbolTimingErrorLE - rscmwbts_QueryConnectionPacketsPayloadLengthLE - rscmwbts_ConfigureConnectionEnhancedPowerControlMode - Connection LE - rscmwbts_QuerySignalingLEState - rscmwbts_QueryEUTPowerControlStates - rscmwbts_QueryEUTPowerControlState - PER * Updated: - rscmwbts_ConfigureRFDTXFrequencyDrift - rscmwbts_ConfigureRFDTXFrequencyOffset - rscmwbts_QueryRFDTXFrequencyDrift - rscmwbts_QueryRFDTXFrequencyOffset - rscmwbts_QueryRFDTXSymbolTimingError - rscmwbts_QueryRFDTXModulationIndex - rscmwbts_ConfigureConnectionBurstType - rscmwbts_ConfigureConnectionPacketsPattern - rscmwbts_ConfigureConnectionPowerControl
3.2.500	05/2014	* Added: - rscmwbts_ConfigureRFHopping - rscmwbts_ConfigureRFTestMode - rscmwbts_ConfigureRFLoopback - rscmwbts_ConfigureRFTxTest - rscmwbts_QueryRFFrequencyLoopback - rscmwbts_QueryRFFrequencyTXTest - DTX - rscmwbts_ConfigureConnectionBurstType - rscmwbts_ConfigureConnectionPacketsPattern - rscmwbts_ConfigureConnectionPacketsPayloadLength - rscmwbts_ConfigureConnectionPacketsTypeBR - rscmwbts_ConfigureConnectionPacketsTypeEDR - rscmwbts_ConfigureConnectionPowerControl - rscmwbts_ConfigureConnectionPollPeriod - rscmwbts_ConfigureConnectionPollPeriodMinimum - rscmwbts_ConfigureConnectionWhitening - rscmwbts_QueryEUTPowerControlling - rscmwbts_ConfigureSignalingLimit - rscmwbts_ConfigureRXQCondition - rscmwbts_ConfigureRXQTimeout * Updated: - Instance count to 16 - rscmwbts_ConfigureRFSignalRouting - rscmwbts_QueryGeneratorState - rscmwbts_SignalingAction - rscmwbts_QuerySignalingState
3.0.120	04/2013	- Initial version

6 RScmwC2M - CDMA2000 Measurement (3.7.100)

rscmwc2m driver for CDMA200 Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.100	02/2018	* Update for firmware 3.7.10 * Code improvement
3.5.500	11/2016	* Update for firmware version 3.5.50 * New: - rscmwc2m_ConfigureErrorChecking - rscmwc2m_SetOPCTimeout - rscmwc2m_GetOPCTimeout - rscmwc2m_SetVISATimeout - rscmwc2m_GetVISATimeout - rscmwc2m_ClearStatus - rscmwc2m_IDQueryResponse - rscmwc2m_ProcessAllPreviousCommands - rscmwc2m_QueryOPC - rscmwc2m_SetFastSweepMode * Updated: - rscmwc2m_ConfigureAnalyzerChannel - new items in 'Band' (BC20, BC21) - rscmwc2m_QueryAnalyzerRoutingSettings - new items in 'RX Connector', 'RF Converter' - rscmwc2m_ConfigureAnalyzerStandAloneScenario - new items in 'RX Connector', 'RF Converter' - rscmwc2m_ConfigureMEvalMeasListModeSegmentCMWSConnector - new items in 'Connector'
3.5.110	10/2015	* Updated functions - rscmwc2m_ConfigureMEvalMeasListModeSegmentLength - rscmwc2m_ConfigureMEvalMeasListModeModulationResults
3.5.100	03/2015	* Update for firmware 3.5.10 * New functions: - rscmwc2m_ConfigureMEvalMeasListModeCMWSConnectorMode - rscmwc2m_ConfigureMEvalMeasListModeSegmentCMWSConnector * Updated functions: - rscmwc2m_ConfigureAnalyzerStandAloneScenario - new values at parameter "RX Connector" - rscmwc2m_QueryAnalyzerRoutingSettings - new values at parameter "RX Connector" * New attributes: - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_LIST_MODE_CMWS_CONNECTOR_MODE (Multi Eval Measurement List Mode CMWS Connector Mode) - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_LIST_MODE_SEGMENT_CMWS_CONNECTOR (Multi Eval Measurement List Mode Segment CMWS Connector) * Modified attributes: - RSCMWC2M_ATTR_ANALYZER_REMOTE_DISPLAY (Analyzer Remote Display) - Range table SCPI command fixed * Modified Range Tables: - rscmwc2m_rngRemoteDisplay.RSCMWC2M_VAL_REMOTE_DISPLAY_MEV - RSCMWC2M_ATTR_ANALYZER_REMOTE_DISPLAY Command changed ("MEVA", "MEV")
3.2.800	06/2014	* Update for firmware 3.2.800 * New: - rscmwc2m_ConfigureMEvalMeasACPRBW - rscmwc2m_ConfigureMEvalMeasACPExtendedOffsets - rscmwc2m_ConfigureMEvalMeasACPExtendedRBW - rscmwc2m_ConfigureMEvalLimitsACPAbsolute

rscmwc2m driver for CDMA200 Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwc2m_ReadMEvalMeasACPResultsAbsolute - rscmwc2m_FetchMEvalMeasACPResultsAbsolute - rscmwc2m_QueryMEvalMeasACPLimitCheckResultsAbsolute - rscmwc2m_ReadMEvalMeasACPResultsExtended - rscmwc2m_FetchMEvalMeasACPResultsExtended - rscmwc2m_QueryMEvalMeasACPLimitCheckResultsExtended - rscmwc2m_ReadMEvalMeasACPResultsExtendedAbsolute - rscmwc2m_FetchMEvalMeasACPResultsExtendedAbsolute - rscmwc2m_QueryMEvalMeasACPLimitCheckResultsExtendedAbsolute - rscmwc2m_FetchMEvalMeasListModeAdjacentChannelPowerExtendedResults - rscmwc2m_QueryMEvalMeasListModeAdjacentChannelPowerExtendedLimitsCheckResult - rscmwc2m_FetchMEvalMeasListModeAllACPExtendedResults - rscmwc2m_QueryMEvalMeasListModeAllACPExtendedLimitsCheckResult - rscmwc2m_FetchMultiEvalListModeAllACPOffCenterExtendedResults - rscmwc2m_QueryMultiEvalListModeAllACPOffCenterExtendedLimitsCheckResults * Updated: - Instance range 1 to 16 - rscmwc2m_ConfigureMEvalLimitsACP - 20 results
3.2.100	09/2013	* Update for firmware 3.2.100 * New: - rscmwc2m Query Multi Eval Meas Occupied Bandwidth Trace Limits Check Result.vi - rscmwc2m Query Multi Eval Meas Spectrum Trace.vi - rscmwc2m Query Multi Eval Meas List Mode All Reliability Limits Check Result.vi - rscmwc2m Configure OLTR Initial Lower Limit.vi - rscmwc2m Query OLTR Limits Check Results.vi * Updated: - rscmwc2m Query Multi Eval Meas List Mode Channel Time Offset Limits Check Result.vi - rscmwc2m Query Multi Eval Meas List Mode Adjacent Channel Power Limits Check Result.vi - rscmwc2m Fetch Multi Eval Meas List Mode Occupied Bandwidth Results.vi - rscmwc2m Query Multi Eval Meas List Mode Occupied Bandwidth Limits Check Result.vi - rscmwc2m Query Multi Eval Meas List Mode All Modulation Standard Deviation Limits Check Result.vi - rscmwc2m Fetch Multi Eval Meas List Mode All Occupied Bandwidth Results.vi - rscmwc2m Query Multi Eval Meas List Mode All Occupied Bandwidth Limits Check Result.vi - rscmwc2m Fetch Multi Eval Meas List Mode All Occupied Bandwidth Standard Deviation.vi - rscmwc2m Query Multi Eval Meas List Mode All Occupied Bandwidth Standard Deviation Limits Check Result.vi
3.0.200	04/2013	* Update for firmware version 3.0.20 * New: - rscmwc2m_ReadOLTRLimitsCheckResults - rscmwc2m_FetchOLTRLimitsCheckResults * Update: - rscmwc2m_ConfigureAnalyzerStandAloneScenario - rscmwc2m_QueryAnalyzerRoutingSettings
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * Added functions for reading all list mode segments results of individual measurements * Open Loop Time Response Measurement * New: - rscmwc2m_ConfigureMEvalMeasMinimumTriggerOffset - rscmwc2m_ReadMEvalMeasACPStatisticalResults - rscmwc2m_FetchMEvalMeasACPStatisticalResults - rscmwc2m_QueryMEvalMeasACPStatisticalLimitsCheckResults - rscmwc2m_FetchMEvalChannelPhaseOffsetState

rscmwc2m driver for CDMA200 Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwc2m_QueryMEvalMeasChannelPhaseOffsetTraceLimitCheckResults - rscmwc2m_FetchMEvalChannelTimeOffsetState - rscmwc2m_QueryMEvalMeasChannelTimeOffsetTraceLimitCheckResults - rscmwc2m_FetchMEvalMeasListModeAllReliabilityResults * Modified - rscmwc2m_ReadMEvalMeasChannelPhaseOffsetTraceResults - Minimum removed - rscmwc2m_FetchMEvalMeasChannelPhaseOffsetTraceResults - Minimum removed - rscmwc2m_ReadMEvalMeasChannelTimeOffsetTraceResults - Minimum removed - rscmwc2m_FetchMEvalMeasChannelTimeOffsetTraceResults - Minimum removed - rscmwc2m_FetchMEvalMeasListModeAdjacentChannelPowerResults - commands changed - rscmwc2m_QueryMEvalMeasListModeAdjacentChannelPowerLimitsCheckResult - commands changed - rscmwc2m_FetchMEvalMeasListModeAllAdjacentChannelPowerResults - commands changed - rscmwc2m_QueryMEvalMeasListModeAllAdjacentChannelPowerLimitsCheckResult - commands changed
2.0.110	04/2011	Modifications: * Update for firmware version 2.0.11.xx * Added Features - List Mode limits - Channel Power Measurements for CMW 3.0.0Beta (Channel Power, Channel Power Phase Offset, Channel Power Time Offset, Occupied Bandwidth) * Added functions/attributes - rscmwc2m_QueryAnalyzerRoutingSettings - rscmwc2m_ConfigureMEvalMeasTimeout - rscmwc2m_ConfigureMEvalMeasTriggerDelay - rscmwc2m_ConfigureMEvalMeasMinimumTriggerGap - rscmwc2m_QueryMultiEvalCodeDomainPowerTraceLimitsCheckResult - rscmwc2m_FetchMEvalMeasCodeDomainPowerState - rscmwc2m_FetchMEvalMeasCodeDomainPowerLimitCheckResults - rscmwc2m_QueryMultiEvalMeasCodeDomainErrorTraceLimitsCheckResult - rscmwc2m_FetchMEvalMeasCodeDomainErrorState - rscmwc2m_FetchMEvalMeasCodeDomainErrorLimitCheckResults - rscmwc2m_QueryMEvalMeasACPLimitCheckResults - rscmwc2m_ConfigureMEvalMeasListModeRetriggerMode * Removed functions/attributes - rscmwc2m_QueryAnalyzerUsedScenario * Modified functions/attributes - rscmwc2m_ConfigureAnalyzerCombinedSignalPathScenario - modified to work with latest firmware - rscmwc2m_ConfigureMEvalMeasTrigger - changed SCPI syntax - rscmwc2m_QueryMEvalMeasTriggerSourceCatalog - changed SCPI syntax - rscmwc2m_ConfigureMEvalMeasListModeSegmentLength - changed API due to changed command syntax
1.0.152	07/2010	Release for CMW firmware version 1.0.15.20 * Added Features - List Mode Measurement * Added VIs - rscmwc2m Query Analyzer Combined Signal Path Catalog.vi - rscmwc2m Query Analyzer Used Scenario.vi * Modified functions/attributes - rscmwc2m Configure Analyzer Combined Signal Path Scenario.vi, rscmwc2m Configure Analyzer Stand Alone Scenario.vi - modified to work with latest firmware

rscmwc2m driver for CDMA200 Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
1.0.150	02/2010	Release for CMW firmware version 1.0.15 Added functions/attributes - rscmwc2m_ConfigureAnalyzerCombinedSignalPathScenario - rscmwc2m_ConfigureAnalyzerStandAloneScenario - rscmwc2m_ConfigureAnalyzerExternalAttenuation - rscmwc2m_ConfigureAnalyzerFrequencyOffset Modified functions/attributes - rscmwc2m_ConfigureAnalyzerFrequencyOffset - modified ranges - rscmwc2m_ConfigureAnalyzerChannel - rscmwc2m_ConfigureRadioConfiguration Removed functions - rscmwc2mConfigureSignalRouting
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwc2m_ConfigureMEvalMeasResultsAll - rscmwc2m_QueryMEvalMeasACPOutOfToleranceLimitsCheckResult - rscmwc2m_QueryMEvalMeasModulationResultsLimitsCheckResult - rscmwc2m_QueryMEvalMeasModulationStandardDeviationLimitsCheckResult * Modified functions/attributes - rscmwc2m_ConfigureAnalyzer - modified ranges
1.0.41	09/2008	Release for CMW firmware version 1.0.4 - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwc2m_RsClose function - Modified rcmwc2m_atof, rscmwc2m_atol
1.0.40	07/2008	Release for CMW firmware version 1.0.4 Modified functions/attributes: - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - complete redesign - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SLOPE – changed command - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_THRESHOLD - changed command - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT - changed command - rscmwc2m_ConfigureMEvalMeasTrigger - redesign, see above - rscmwc2m_ReadMEvalMeasModulationResults, rscmwc2m_FetchMEvalMeasModulationResults - added Minimum measurement
1.0.30	05/2008	Release for CMW firmware version 1.0.3 Modified: - Firmware 1.0.3.6 features implementation and debug
1.0.2	04/2008	Release for CMW firmware version 1.0.2 Initial revision

7 RScmwC2G - CDMA2000 Generator (2.0.110)

rscmwc2g driver for CDMA2000 Generator		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW280		
Revision	Date	Note
2.0.110	04/2011	Modifications: Update for firmware version 2.0.11.xx * Added: - rscmwc2g_ConfigureGeneratorExternalAttenuation - rscmwc2g_ConfigureGeneratorRouting - rscmwc2g_ConfigureGeneratorExternalAttenuation * Removed: - rscmwc2g_ConfigureGeneratorSignalRouting
1.0.150	02/2010	Release for CMW firmware version 1.0.15.0 Initial revision

8 RScmwC2S - CDMA2000 Signaling (3.7.400)

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.400	04/2019	* Update for firmware version 3.7.40 * New: - rscmwc2s_ConfigureHybridModeFading - rscmwc2s_ConfigureHybridModeFadingExternal * Updated: - rscmwc2s_QuerySignalRouting - Hybrid mode with fading added to scenario - rscmwc2s_QueryActiveScenario - Hybrid mode with fading added to scenario - rscmwc2s_QueryActiveScenarioFader - Hybrid mode with fading added to scenario
3.7.100	02/2018	* Update for firmware 3.7.10 * Code improvement
3.5.610	03/2017	* Update for firmware version 3.5.610 * New: - rscmwc2s_ConfigureReversePowerControlSegment - rscmwc2s_ConfigureNetworkDistanceBasedRegistration - rscmwc2s_ConfigureNetworkAutonomousRegistration - rscmwc2s_ConfigureNetworkPowerUpDownRegistration - rscmwc2s_ConfigureNetworkParameterChangeRegistration - rscmwc2s_ResetRXQualityStatistics - rscmwc2s_QueryMSInfoRXQuality - rscmwc2s_PreconfigureSettings * Updated: - rscmwc2s_ConfigureBroadcastMessage * Deleted: - rscmwc2s_SetFastSweepMode
3.5.500	11/2016	* Update for firmware version 3.5.50 * New: - rscmwc2s_ConfigureHybridModeLite - rscmwc2s_ConfigureNetworkSystemBaseStationID - rscmwc2s_ConfigureNetworkAccessProbesSequences - rscmwc2s_ConfigureExternalDAU - rscmwc2s_QueryEventLogLastEntry - rscmwc2s_QueryEventLogAllEntries - rscmwc2s_ClearStatus - rscmwc2s_IDQueryResponse - rscmwc2s_ProcessAllPreviousCommands - rscmwc2s_QueryOPC - rscmwc2s_SetVISATimeout - rscmwc2s_GetVISATimeout - rscmwc2s_SetFastSweepMode * Updated: - rscmwc2s_ConfigureRouting - Multi-CMW support added - rscmwc2s_QuerySignalRouting - Multi-CMW support added - rscmwc2s_QueryActiveScenario - Hybrid Mode Lite added - rscmwc2s_QueryActiveScenarioFader - Hybrid Mode Lite added - rscmwc2s_ConfigureRFSignalFrequency - added Bands (BC20, BC21) - rscmwc2s_ConfigureHybridMode - Multi-CMW support added - rscmwc2s_ConfigureSignalRoutingStandardCellFading - Multi-CMW support added - rscmwc2s_ConfigureSignalRoutingStandardCellFadingExternal - Multi-CMW support added

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwc2s_ConfigureRXQualityMeasurementTimeout - Radio Link Protocol (RLP) Timeout SCPI command removed - rscmwc2s_ConfigureHandoffTarget - added Bands (BC20, BC21) - rscmwc2s_ConfigureSendingMethod - added Sending Method (SO18, SO19, SO35, SO36) * Deleted: - rscmwc2s_ConfigureMSServiceOptionControlMessageState - rscmwc2s_ConfigureRXQualityRLPMeasurementControl - rscmwc2s_ResetRXQualityMeasurementRLPStatistics - rscmwc2s_RXQualityRLPMeasurementInit - rscmwc2s_RXQualityRLPMeasurementAbort - rscmwc2s_RXQualityRLPMeasurementStop - rscmwc2s_QueryRXQualityRLPMeasurementStatus - rscmwc2s Reset RX Quality Measurement RLP Statistics.vi
3.5.111	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.110	10/2015	* Update for firmware 3.5.11 * New Functions: - rscmwc2s_ConfigureRXQualityRLPWindowSize - Pilot Strength - rscmwc2s_FetchRXQualityPilotStrengthResults - rscmwc2s_FetchRXQualityServingFrequencyPowerResults * Updated Functions: - rscmwc2s_QueryPhysicalLayerDSSSWalshCode - rscmwc2s_ConfigureAcceptMSOriginatedCall - rscmwc2s_ConfigureNetworkBroadcastSlotCycleIndex - rscmwc2s_QueryRXQualityMeasurementStatus - rscmwc2s_ConfigureRXQualityEvaluationResultsState
3.5.100	03/2015	* Update for firmware 3.5.10 * New functions: - rscmwc2s_ConfigurePhysicalLayerPCH - rscmwc2s_QueryPhysicalLayerPCH - rscmwc2s_ConfigurePhysicalLayerQPCH - rscmwc2s_QueryPhysicalLayerQPCH - rscmwc2s_ConfigureNetworkBroadcastSlotCycleIndex - rscmwc2s_ConfigureNetworkPageRegisteredMS - rscmwc2s_QueryReceiveQueueMessage - rscmwc2s_ResetIncommingMessageQueue - rscmwc2s_QueryReceiveQueueStatus - rscmwc2s_ConfigureSendingMethod - rscmwc2s_QuerySentMessageStatus - rscmwc2s_SendDataBlocks - rscmwc2s_QueryEventLog - rscmwc2s_ConfigureRXQualityPilotStrength - rscmwc2s_ReadRXQualityPilotStrengthResults - rscmwc2s_ReadRXQualityServingFrequencyPowerResults * Updated functions: - rscmwc2s_ConfigurePhysicalLayerChannel - added QPCH Level - rscmwc2s_ConfigureNetworkCallIndicators - Caller ID parameter type changed from ViInt32 to ViString - rscmwc2s_ConfigureIQInput - Path range changed - rscmwc2s_ConfigureSpeechService - Delay range changed - rscmwc2s_ConfigureBroadcastMessage - CMAS changed to WEA - rscmwc2s_QueryRXQualityRLPThroughput - Changing TX and RX ranges

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		* New attributes: - RSCMWC2S_ATTR_CODE_CHANNEL_QPCH_LEVEL (Code Channel QPCH Level) - RSCMWC2S_ATTR_CODE_CHANNEL_QPCH_STATE (Code Channel QPCH State) - RSCMWC2S_ATTR_PHYSICAL_LAYER_PCH_CHANNEL (Physical Layer PCH Channel) - RSCMWC2S_ATTR_PHYSICAL_LAYER_PCH_LEVEL (Physical Layer PCH Level) - RSCMWC2S_ATTR_PHYSICAL_LAYER_PCH_RATE (Physical Layer PCH Rate) - RSCMWC2S_ATTR_PHYSICAL_LAYER_QPCH_CHANNEL (Physical Layer QPCH Channel) - RSCMWC2S_ATTR_PHYSICAL_LAYER_QPCH_IBIT (Physical Layer QPCH IBIT) - RSCMWC2S_ATTR_PHYSICAL_LAYER_QPCH_LEVEL (Physical Layer QPCH Level) - RSCMWC2S_ATTR_PHYSICAL_LAYER_QPCH_RATE (Physical Layer QPCH Rate) - RSCMWC2S_ATTR_NETWORK_BROADCAST_SLOT_CYCLE_INDEX (Network Broadcast Slot Cycle Index) - RSCMWC2S_ATTR_NETWORK_PAGE_REGISTERED_MS (Network Page Registered MS) - RSCMWC2S_ATTR_SMS_BROADCAST_WEA_MESSAGES (SMS Broadcast WEA Messages) - RSCMWC2S_ATTR_RX_QUALITY_PILOT_STRENGTH_REPETITION (RX Quality Pilot Strength Repetition) - RSCMWC2S_ATTR_RX_QUALITY_PILOT_STRENGTH_UPDATE_RATE (RX Quality Pilot Strength Update Rate) - RSCMWC2S_ATTR_OTASP_RECEIVE_RESET (OTASP Receive Reset) - RSCMWC2S_ATTR_PDM_RECEIVE_RESET (PDM Receive Reset) - RSCMWC2S_ATTR_OTASP_SEND_METHOD (OTASP Send Method) - RSCMWC2S_ATTR_PDM_SEND_METHOD (PDM Send Method) * Modified attributes: - RSCMWC2S_ATTR_DATA_END_TO_END_STATE (Data End To End State) - SCPI command fixed - RSCMWC2S_ATTR_NETWORK_CALLER_ID (Network Caller ID) - Data type changed from ViInt32 to ViString * Modified Range Tables: - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_FCH - Enum name changed ("FCH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_FCH - Description changed ("FCH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_PCH - Enum name changed ("PCH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_PCH - Description changed ("PCH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_PICH - Enum name changed ("PICH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_PICH - Description changed ("PICH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_SYNC - Enum name changed ("SYNC", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_SYNC - Description changed ("SYNC", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_OCNS - Enum name changed ("OCNS", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_OCNS - Description changed ("OCNS", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_SCH - Enum name changed ("SCH", "") - rscmwc2s_rngPhysicalChannel.RSCMWC2S_VAL_CHANNEL_SCH - Description changed ("SCH", "") - rscmwc2s_rngPhysicalChannel - New items: RSCMWC2S_VAL_CHANNEL_QPCH - rscmwc2s_rngPhysicalChannel - Changed enum name ("PhysicalChannel", "")

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwc2s_rngSpeechEchoDelay - RSCMWC2S_ATTR_LOOPBACK_SERVICE_SPEECH_ECHO_DELAY Range changed to <0.02;10.00> - rscmwc2s_rngSpeechEVRCRateRestriction.RSCMWC2S_VAL_SERVICE_SPEECH_RATE_RESTRICTION_AUTO - RSCMWC2S_ATTR_SPEECH_SERVICE_EVRC_RATE_RESTRICTION Description changed ("Auto", "") - rscmwc2s_rngSpeechEVRCRateRestriction.RSCMWC2S_VAL_SERVICE_SPEECH_RATE_RESTRICTION_FULL - RSCMWC2S_ATTR_SPEECH_SERVICE_EVRC_RATE_RESTRICTION Description changed ("Full", "") - rscmwc2s_rngSpeechEVRCRateRestriction.RSCMWC2S_VAL_SERVICE_SPEECH_RATE_RESTRICTION_HALF - RSCMWC2S_ATTR_SPEECH_SERVICE_EVRC_RATE_RESTRICTION Description changed ("Half", "") - rscmwc2s_rngSpeechEVRCRateRestriction.RSCMWC2S_VAL_SERVICE_SPEECH_RATE_RESTRICTION_QUARTER - RSCMWC2S_ATTR_SPEECH_SERVICE_EVRC_RATE_RESTRICTION Description changed ("Quarter", "") - rscmwc2s_rngSpeechEVRCRateRestriction.RSCMWC2S_VAL_SERVICE_SPEECH_RATE_RESTRICTION_EIGHTH - RSCMWC2S_ATTR_SPEECH_SERVICE_EVRC_RATE_RESTRICTION Description changed ("Eighth", "") - rscmwc2s_rngFadingSimulatorInsertionLossMode.RSCMWC2S_VAL_FADING_INSERTION_LOSS_MODE_NORMAL - RSCMWC2S_ATTR_FADING_SIMULATOR_INSERTION_LOSS_MODE Description changed ("Normal", "Normal: the insertion loss is determined by the fading profile.") - rscmwc2s_rngFadingSimulatorInsertionLossMode.RSCMWC2S_VAL_FADING_INSERTION_LOSS_MODE_USER - RSCMWC2S_ATTR_FADING_SIMULATOR_INSERTION_LOSS_MODE Description changed ("User", "User: the insertion loss can be adjusted by the user.") - rscmwc2s_rngFadingSimulatorRestartMode.RSCMWC2S_VAL_FADING_RESTART_MODE_AUTO - RSCMWC2S_ATTR_FADING_SIMULATOR_RESTART_MODE Description changed ("Auto", "Auto: fading automatically starts with the DL signal") - rscmwc2s_rngFadingSimulatorRestartMode.RSCMWC2S_VAL_FADING_RESTART_MODE_MANUAL - RSCMWC2S_ATTR_FADING_SIMULATOR_RESTART_MODE Description changed ("Manual", "Manual: fading is started and restarted manually.") - rscmwc2s_rngFadingSimulatorRestartMode.RSCMWC2S_VAL_FADING_RESTART_MODE_TRIGGER - RSCMWC2S_ATTR_FADING_SIMULATOR_RESTART_MODE Description changed ("Trigger", "Trigger: fading start is triggered by external trigger")
3.2.800	05/2014	* Update for firmware 3.2.800 * New: - rscmwc2m_ConfigureMEvalMeasACPRBW - rscmwc2m_ConfigureMEvalMeasACPExtendedOffsets - rscmwc2m_ConfigureMEvalMeasACPExtendedRBW - rscmwc2m_ConfigureMEvalLimitsACPAbsolute - rscmwc2m_ReadMEvalMeasACPResultsAbsolute - rscmwc2m_FetchMEvalMeasACPResultsAbsolute - rscmwc2m_QueryMEvalMeasACPLimitCheckResultsAbsolute - rscmwc2m_ReadMEvalMeasACPResultsExtended - rscmwc2m_FetchMEvalMeasACPResultsExtended - rscmwc2m_QueryMEvalMeasACPLimitCheckResultsExtended

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwc2m_ReadMEvalMeasACPResultsExtendedAbsolute - rscmwc2m_FetchMEvalMeasACPResultsExtendedAbsolute - rscmwc2m_QueryMEvalMeasACPLimitCheckResultsExtendedAbsolute - rscmwc2m_FetchMEvalMeasListModeAdjacentChannelPowerExtendedResults - rscmwc2m_QueryMEvalMeasListModeAdjacentChannelPowerExtendedLimitsCheckResult - rscmwc2m_FetchMEvalMeasListModeAllACPExtendedResults - rscmwc2m_QueryMEvalMeasListModeAllACPExtendedLimitsCheckResult - rscmwc2m_FetchMultiEvalListModeAllACPOffCenterExtendedResults - rscmwc2m_QueryMultiEvalListModeAllACPOffCenterExtendedLimitsCheckResults * Updated: - Instance range 1 to 16 - rscmwc2m_ConfigureMEvalLimitsACP - 20 results
3.2.100	09/2013	* Update for firmware 3.2.100 * New: - rscmwc2s_QueryActiveScenario - rscmwc2s_ConfigureSpeechCodecState - rscmwc2s_ConfigureHybridMode - rscmwc2s_ConfigureEnhancedVariableRateCodec - rscmwc2s_QueryVoiceCoderType - rscmwc2s_FetchRXQualityRLPStatus - Results Speech * Updated: - rscmwc2s_QuerySignalRouting - rscmwc2s_ConfigurePhysicalLayer - rscmwc2s_ConfigureSpeechService - rscmwc2s_ConfigureRXQualityRLPUpdateRate - rscmwc2s_ConfigureRXQualityEvaluationResultsState - rscmwc2s_ResetRXQualityMeasurementRLPStatistics * Deleted: - rscmwc2s_ConfigureSingleSUUHybridMode
3.0.200	04/2013	* Version 3.0.200 * Update for firmware version 3.0.20 * New: - rscmwc2s_ConfigureSingleSUUHybridMode - rscmwc2s_ConfigureSystemTimeLeapSeconds - rscmwc2s_ConfigureDaylightSavingsTimeIndicatorState - rscmwc2s_ConfigureLocalTimeOffset - rscmwc2s_QueryLocalTimeOffset - rscmwc2s_ConfigurePhysicalLayerSCHFrameOffset - rscmwc2s_QueryPhysicalLayerDSSSWalshCode - rscmwc2s_ConfigurePhysicalLayerSCHErrorCorrectingCode - rscmwc2s_ConfigurePhysicalLayerSCHMultiplexPDUNumber - rscmwc2s_ConfigurePhysicalLayerSCHFrameType - rscmwc2s_QueryPhysicalLayerSCHDataRate - rscmwc2s_QueryPhysicalLayerSCHFrameSize - rscmwc2s_ConfigureAcceptPacketCalls - rscmwc2s_ConfigureDataServiceCircularBufferFrames - rscmwc2s_ConfigureDataServiceChannelPatternGeneration - rscmwc2s_ConfigureDataServiceChannelPattern - rscmwc2s_ConfigureDataServiceTransmissionOffPeriod - rscmwc2s_ConfigureDataServiceTransmissionOnPeriod - rscmwc2s_ConfigurePacketDataServiceInactivityTimer - rscmwc2s_ConfigurePacketDataServiceDormantTimer - rscmwc2s_ConfigureMSServiceOptionControlMessageState

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwc2s_ConfigureNetworkSystemWindowsSettings - rscmwc2s_ConfigureNetworkIMSI - rscmwc2s_ConfigureWildcardBroadcasting - rscmwc2s_QuerySupplementalChannelDataRate - rscmwc2s_QueryMSInfoIPAddress - rscmwc2s_ClearReceivedMessageInfo - rscmwc2s_ConfigureRXQualityRLPMeasurementControl - rscmwc2s_ConfigureRXQualityRLPUpdateRate - rscmwc2s_QueryRXQualityMainMeasurementStatus - rscmwc2s_ConfigureRXQualityEvaluationResultsState - rscmwc2s_RXQualityRLPMeasurementInit - rscmwc2s_RXQualityRLPMeasurementAbort - rscmwc2s_RXQualityRLPMeasurementStop - rscmwc2s_QueryRXQualityRLPMeasurementStatus - rscmwc2s_ReadRXQualityForwardSupplementalChannel - rscmwc2s_FetchRXQualityForwardSupplementalChannel - rscmwc2s_QueryRXQualityForwardSupplementalChannelLimitCheckResults - rscmwc2s_FetchRXQualityForwardSupplementalChannelMeasurementStatus - rscmwc2s_ResetRXQualityMeasurementRLPStatistics - rscmwc2s_QueryRXQualityRLPDataFrameNumber - rscmwc2s_QueryRXQualityRLPThroughput * Updated - rscmwc2s_ConfigureRouting - rscmwc2s_QuerySignalRouting - rscmwc2s_ConfigurePhysicalLayer - rscmwc2s_ConfigurePhysicalLayerChannel (New channel, attribute, and command are added) - rscmwc2s_ReadRXQualityResults (New value is added to the results array) - rscmwc2s_FetchRXQualityResults (New value is added to the results array) - rscmwc2s_QueryRXQualityLimitCheckResults (New value is added to the results array) * Modified - rscmwc2s_QueryPhysicalLayerChannelEbNt (New command,control,attribute are added) - rscmwc2s_ConfigureWalshCodeQOF (New command,control are added) - rscmwc2s_QueryMultipliedOptions (New command,control are added) - rscmwc2s_ConfigureRXQualityMeasurementTimeout (New command, Repeated capability, and control are added) - rscmwc2s_ConfigureRXQualityMeasurementControlSettings (New command, Repeated capability, and control are added) - rscmwc2s_ConfigureRXQualityMeasurementMFERLimits (New command, Repeated capability, and control are added) - rscmwc2s_ConfigureRXQualityMeasurementMinConfidenceLevelLimits (New command, Repeated capability, and control are added) - rscmwc2s_RXQualityMeasurementInit (New command, Repeated capability, and control are added) - rscmwc2s_RXQualityMeasurementAbort (New command, Repeated capability, and control are added) - rscmwc2s_RXQualityMeasurementStop (New command, Repeated capability, and control are added) - rscmwc2s_QueryRXQualityMeasurementStatus (New command, and control are added)
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * New: - rscmwc2s_ConfigureDataEndToEndState - rscmwc2s_ConfigureTimeSettings - rscmwc2s_ConfigureTime - rscmwc2s_ConfigureDate

rscmwc2s driver for for CDMA2000 Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwc2s_ConfigureMessageMonitoring - rscmwc2s_ConfigureRXQualityMeasurementTimeout * Modified - rscmwc2s_RXQualityMeasurementInit - Command changed - rscmwc2s_RXQualityMeasurementAbort - Command changed - rscmwc2s_RXQualityMeasurementStop - Command changed - rscmwc2s_QueryRXQualityMeasurementStatus - Command changed
2.1.100	07/2011	Modifications: * Compatibility with CMW cdma2000 signaling version 2.1.10.xx * Added - RSCMWC2S_ATTR_NETWORK_PROTOCOL_REVISION - RSCMWC2S_ATTR_NETWORK_MIN_PROTOCOL_REVISION * Modified - rscmwc2s_ConfigureNetworkSystemParameters - added Protocol Revision, Min Protocol Revision - rscmwc2s_ConfigureNetworkAccessProbes - removed Sequences Attempt
2.0.110	04/2011	Modifications: * Compatibility with CMW cdma2000 signaling version 2.0.11.xx * Added features - Messaging * Added functions/attributes - rscmwc2s_ConfigureRouting - rscmwc2s_QuerySignalRouting - RSCMWC2S_ATTR_MOBILE_COUNTRY_CODE - rscmwc2s_ConfigureMSCapabilitiesReport * Modified functions/attributes - rscmwc2s_ConfigureNetworkMobileID - mobile ID data type changed to string, removed Registration Data, added Mobile Country Code * Removed functions/attributes - rscmwc2s_ConfigureRFSignalRouting - RSCMWC2S_ATTR_MOBILE_USE_REGISTRATION_DATA - rscmwc2s_QueryNetworkMobileRegistrationData
1.0.150	01/2010	Release for CMW firmware version 1.0.15.0 Initial revision

9 RScmwEVM - 1xEVDO Measurement (3.7.100)

rscmwevm driver for 1xEVDO Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.100	02/2018	* Update for firmware 3.7.10 * Code improvement
3.5.500	11/2016	* Update for firmware version 3.5.50 * Added - rscmwevm_ClearStatus - rscmwevm_IDQueryResponse - rscmwevm_ProcessAllPreviousCommands - rscmwevm_QueryOPC - rscmwevm_SetFastSweepMode * Updated: - rscwmevm_ConfigureAnalyzerChannel - new items in 'Band' (BC20, BC21) - rscmwevm_QueryAnalyzerRoutingSettings - new items in 'RX Connector' (values 6 and higher) - rscmwevm_ConfigureAnalyzerStandAloneScenario - new items in 'RX Connector' (values 6 and higher)
3.5.110	09/2015	* Update for firmware version 3.5.11 * Updated: - rscmwevm_ConfigureMEvalMeasurementListModeSegment - rscmwevm_ConfigureMEvalMeasurementListModeModulationResults
3.5.100	03/2015	* Update for firmware version 3.5.10 * New functions: - rscmwevm_ConfigureMEvalMeasurementListModeSegmentConnector * Updated functions: - rscmwevm_QueryAnalyzerRoutingSettings - values added to parameter 'RX Connector' - rscmwevm_ConfigureAnalyzerRemoteDisplay - SCPI command parameter fixed * New attributes: - RSCMWEVM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_DELAY (Multi Eval Measurement Trigger Delay) - RSCMWEVM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_MODE_SEGMENT_CMWS_CONNECTOR (Multi Eval Measurement List Mode Segment CMWS Connector) * Modified Range Tables: - rscmwevm_rngTrigTimeout - RSCMWEVM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT Range changed to <0;83.88607E+3> - rscmwevm_rngTrigTimeout - RSCMWEVM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT Changed units ("s", "ms") - rscmwevm_rngRemoteDisplay.RSCMWEVM_VAL_REMOTE_DISPLAY_MEV - RSCMWEVM_ATTR_ANALYZER_REMOTE_DISPLAY Command changed ("MEVA", "MEV")
3.2.800	05/2014	* Update for firmware version 3.2.800 * New: - rscmwevm_ConfigureAnalyzerRemoteDisplay - rscmwevm_ConfigureMEvalACPFrequencyLowerRBW - rscmwevm_ConfigureMEvalACPFrequencyUpperRBW - rscmwevm_ConfigureMEvalACPFrequencyLowerOffsetExtended - rscmwevm_ConfigureMEvalACPFrequencyUpperOffsetExtended - rscmwevm_ConfigureMEvalACPFrequencyLowerRBWExtended - rscmwevm_ConfigureMEvalACPFrequencyUpperRBWExtended

rscmwevm driver for 1xEVDO Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwevm_ConfigureMEvalLimitsCarrierLowerAbsolute - rscmwevm_ConfigureMEvalLimitsCarrierUpperAbsolute - rscmwevm_ConfigureMEvalLimitsCarrierLowerExtended - rscmwevm_ConfigureMEvalLimitsCarrierUpperExtended - rscmwevm_ConfigureMEvalLimitsCarrierLowerAbsoluteExtended - rscmwevm_ConfigureMEvalLimitsCarrierUpperAbsoluteExtended - rscmwevm_ReadMEvalMeasIQTrace - rscmwevm_FetchMEvalMeasIQTrace - rscmwevm_ReadMEvalMeasACPTraceAbsolute - rscmwevm_FetchMEvalMeasACPTraceAbsolute - rscmwevm_QueryMEvalMeasACPTraceLimitCheckResultsAbsolute - rscmwevm_ReadMEvalMeasACPTraceExtended - rscmwevm_FetchMEvalMeasACPTraceExtended - rscmwevm_QueryMEvalMeasACPTraceLimitCheckResultsExtended - rscmwevm_ReadMEvalMeasACPTraceAbsoluteExtended - rscmwevm_FetchMEvalMeasACPTraceAbsoluteExtended - rscmwevm_QueryMEvalMeasACPTraceLimitCheckResultsAbsoluteExtended - rscmwevm_FetchMEvalMeasListModeACPExtendedResults - rscmwevm_QueryMEvalMeasListModeACPLimitsCheckExtendedResults - rscmwevm_FetchMEvalMeasListModeACPStandardDeviationExtended - rscmwevm_QueryMEvalMeasListModeACPStandardDeviationLimitsCheckExtended - rscmwevm_FetchMEvalMeasListModeAllACPExtendedResults - rscmwevm_QueryMEvalMeasListModeAllACPLimitsCheckExtendedResults - rscmwevm_FetchMEvalMeasListModeAllACPStandardDeviationExtended - rscmwevm_QueryMEvalMeasListModeAllACPStandardDeviationLimitsCheckExtended - rscmwevm_FetchMultiEvalListModeAllACPOffCenterExtendedResults - rscmwevm_QueryMultiEvalListModeAllACPOffCenterLimitsCheckExtendedResults * Removed: - rscmwevm_ConfigureMEvalMeasurementListModeACPFrequencyOffsets
3.2.100	09/2013	* Version 3.2.100 * Update for firmware version 3.2.100 * New: - rscmwevm_QueryMEvalMeasACPTraceLimitCheckResults - rscmwevm_QueryMEvalMeasOccupiedBandwidthTraceLimitsCheckResult - rscmwevm_QueryMEvalMeasListModeAllReliabilityLimitsCheckResult - rscmwevm_QueryOLTRMeasurementGuardIntervalTime - rscmwevm_ConfigureOLTRInitialLowerLimit - rscmwevm_QueryOLTRTraceStateLimitsCheckResults * Updated: - rscmwevm_QueryAnalyzerRoutingSettings
3.0.200	02/2013	Update for firmware version 3.0.20 * New: - rscmwevm_ReadOLTRTraceState - rscmwevm_FetchOLTRTraceState * Updated: - rscmwevm_ConfigureAnalyzerStandAloneScenario - rscmwevm_FetchMEvalMeasListModeOBWResults - rscmwevm_QueryMEvalMeasListModeOBWLimitsCheckResults - rscmwevm_FetchMEvalMeasListModeOBWStandardDeviation - rscmwevm_QueryFetchMEvalMeasListModeOBWStandardDeviationLimitsCheck - rscmwevm_FetchMEvalMeasListModeAllOBWResults - rscmwevm_QueryMEvalMeasListModeAllOBWLimitsCheckResults - rscmwevm_FetchMEvalMeasListModeAllOBWStandardDeviation - rscmwevm_QueryFetchMEvalMeasListModeAllOBWStandardDeviationLimitsCheck

rscmwevm driver for 1xEVDO Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * Added functions for reading all list mode segments results of individual measurements * Open Loop Time Response Measurement * New: - rscmwevm_ConfigureMEvalMeasMinimumTriggerOffset - rscmwevm_QueryMEvalMeasCodeDomainRRITraceLimitsCheckResults - rscmwevm_FetchMEvalMeasCodeDomainPilotTraceLimitsCheckResults - rscmwevm_FetchMEvalMeasListModeAllReliabilityResults * Modified - rscmwevm_ConfigureMEvalMeasTimeout - range, def. value
2.1.250	11/2011	Release for CMW firmware version 2.1.25.xx Modifications: - rscmwevm_ConfigureMEvalLimitsOBW - Limit Status control added - For multi-carrier configurations the 'Carrier Number' control added: - rscmwevm_ReadMEvalMeasOccupiedBandwidthTrace - rscmwevm_FetchMEvalMeasOccupiedBandwidthTrace - rscmwevm_ReadMEvalMeasOccupiedBandwidth - rscmwevm_FetchMEvalMeasOccupiedBandwidth - rscmwevm_QueryMEvalOccupiedBandwidthLimitsCheckResult - rscmwevm_FetchMEvalMeasListModeOBWResults - rscmwevm_QueryMEvalMeasListModeOBWLimitsCheckResults - rscmwevm_FetchMEvalMeasListModeOBWStandardDeviation - rscmwevm_QueryFetchMEvalMeasListModeOBWStandardDeviationLimitsCheck - rscmwevm_FetchMEvalMeasListModeAllChannelPowerResultsState - rscmwevm_FetchMEvalMeasListModeAllOBWResults - rscmwevm_QueryMEvalMeasListModeAllOBWLimitsCheckResults - rscmwevm_FetchMEvalMeasListModeAllOBWStandardDeviation - rscmwevm_QueryFetchMEvalMeasListModeAllOBWStandardDeviationLimitsCheck * New: - rscmwevm_ConfigureMEvalLimitsOBWLimitSet - rscmwevm_ConfigureMEvalLimitsOBWLimitCheck - rscmwevm_QueryMEvalLimitsOBWUsedLimitSet * Removed: - RSCMWEVM_ATTR_MULTI_EVAL_MEASUREMENT_CODE_OBW_LIMIT
2.1.100	07/2011	Modifications: Release for CMW firmware version 2.1.10 * List mode added * Modified: - rscmwevm_ConfigureMEvalMeasCodeDomain - Reference Power Mode added - rscmwevm_ConfigureMEvalMeasTrigger - changed data type of Timeout to ViReal64
2.0.110	02/2011	Release for CMW firmware version 2.0.10.xx * Removed functions: - rscmwevm_QueryAnalyzerUsedScenario - rscmwevm_rscmwevm_ConfigureAnalyzerMixerLevelOffset - RSCMWEVM_ATTR_ANALYZER_MIXER_LEVEL_OFFSET * Modified functions: - rscmwevm_ConfigureAnalyzerStandAloneScenario - added new connectors - rscmwevm_QueryAnalyzerUsedScenario - added new connectors

rscmwevm driver for 1xEVDO Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwevm_ConfigureMEvalMeasResults - added new measurements - rscmwevm_ConfigureMEvalMeasResultsAll - added new measurements - rscmwevm_ConfigureMEvalMeasTrigger - rscmwevm_ConfigureAnalyzerCombinedSignalPathScenario - changed data type to string * New functions: - rscmwevm_QueryAnalyzerRoutingSettings - rscmwevm_ConfigureMEvalMeasACKChannelFilter - rscmwevm_ConfigureMEvalMeasTimeout - rscmwevm_ConfigureMEvalMeasurementTriggerGap - rscmwevm_ConfigureMEvalLimitsChannelPower - rscmwevm_ConfigureMEvalLimitsOBW - rscmwevm_FetchMEvalCodeDomainRRITraceCheckLimit - rscmwevm_FetchMEvalCodeDomainRRITraceCheckStates - rscmwevm_FetchMEvalCodeDomainPilotTraceCheckLimit - rscmwevm_FetchMEvalCodeDomainPilotTraceCheckStates - rscmwevm_ReadMEvalMeasChannelPowerTrace - rscmwevm_FetchMEvalMeasChannelPowerTrace - rscmwevm_QueryMEvalChannelPowerTraceLimitsCheckResult - rscmwevm_ReadMEvalMeasChannelPower - rscmwevm_FetchMEvalMeasChannelPower - rscmwevm_QueryMEvalChannelPowerLimitsCheckResult - rscmwevm_FetchMEvalTraceChannelPowerState - rscmwevm_ReadMEvalMeasOccupiedBandwidthTrace - rscmwevm_FetchMEvalMeasOccupiedBandwidthTrace - rscmwevm_ReadMEvalMeasOccupiedBandwidth - rscmwevm_FetchMEvalMeasOccupiedBandwidth - rscmwevm_QueryMEvalOccupiedBandwidthLimitsCheckResult - rscmwevm_ReadMEvalMeasSpectrumTrace - rscmwevm_FetchMEvalMeasSpectrumTrace
1.0.152	07/2010	Release for CMW firmware version 1.0.15.20 * New functions: - rscmwevm_QueryMEvalMeasSpreadingFactor - rscmwevm_QueryAnalyzerCombinedSignalPathCatalog - rscmwevm_AnalyzerMeasureProtocolTestScenario - rscmwevm_QueryAnalyzerUsedScenario - rscmwevm_ConfigureAnalyzerMixerLevelOffset * Modified functions - rscmwevm_ConfigureMEvalMeasTrigger - rscmwevm_QueryMEvalMeasTriggerSourceCatalog - rscmwevm_ConfigureAnalyzerCombinedSignalPathScenario - rscmwevm_ConfigureAnalyzerStandAloneScenario * Removed functions: - rscmwevm_FetchMEvalMeasACPMeasurement - rscmwevm_ReadMEvalMeasACPMeasurement

rscmwevm driver for 1xEVDO Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
1.0.150	01/2010	Release for CMW firmware version 1.0.15 * New functions: - rscmwevm_ConfigureAnalyzerCombinedSignalPathScenario - rscmwevm_ConfigureAnalyzerStandAloneScenario - rscmwevm_ConfigureAnalyzerExternalAttenuation * Modified functions - rscmwevm_ConfigureMEvalMeasResults - rscmwevm_ConfigureMEvalMeasResultsAll * Removed functions: - rscmwevm_ConfigureSignalRouting
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 * Removed functions - rscmwevm_ConfigureMEvalMeasACPFrequencyOffset - rscmwevm_ConfigureMEvalLimitsACP * Added functions/attributes - rscmwevm_ConfigureMEvalMeasResultsAll - rscmwevm_ConfigureMEvalACPFrequencyLowerOffset - rscmwevm_ConfigureMEvalACPFrequencyUpperOffset - rscmwevm_ConfigureMEvalCarrier - rscmwevm_ConfigureMEvalLimitsCarrierLower - rscmwevm_ConfigureMEvalLimitsCarrierUpper - rscmwevm_QueryMEvalACPOutofToleranceLimitsCheckResult - rscmwevm_FetchMEvalMeasACPMeasurement - rscmwevm_ReadMEvalMeasACPMeasurement - rscmwevm_QueryMEvalMeasModulationResultsLimitsCheckResult - rscmwevm_QueryMEvalMeasModulationResultsStandardDeviationLimitsCheckResult * Modified functions/attributes - rscmwevm_ReadMEvalMeasModulationResults - rscmwevm_FetchMEvalMeasModulationResults - rscmwevm_ConfigureAnalyzerChannel - modified ranges
1.0.42	09/2008	Release for CMW firmware version 1.0.4 - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwevm_RsClose function - Modified rcmwevm_atof, rscmwevm_atol
1.0.4	07/2008	Release for CMW firmware version 1.0.4 Initial revision

10 RScmwEVS - 1xEVDO Signaling (3.7.100)

rscmwevs driver for 1xEVDO Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.100	02/2018	* Update for firmware 3.7.10 * Code improvement
3.5.610	03/2017	* Update for firmware version 3.5.610 * New: - rscmwevs_ConfigureReversePowerControlRepetition - rscmwevs_ConfigureReversePowerControlSegment - rscmwevs_StartReversePowerControl - rscmwevs_ConfigureRXQualityMeasurementTimeout * Updated: - rscmwevs_ConfigureHybridModeLite
3.5.500	11/2016	* Update for firmware version 3.5.50 * New: - rscmwevs_ConfigureHybridModeLite - rscmwevs_ConfigureExternalDAU - rscmwevs_ConfigureMACLayerT2PValueOptimization - rscmwevs_QueryeHRPD - rscmwevs_QueryMaxReverseBandwidth - rscmwevs_QueryEventLogLastEntry - rscmwevs_QueryEventLogAllEntries - rscmwevs_ClearStatus - rscmwevs_IDQueryResponse - rscmwevs_ProcessAllPreviousCommands - rscmwevs_QueryOPC - rscmwevs_SetVISATimeout - rscmwevs_GetVISATimeout - rscmwevs_SetFastSweepMode * Updated: - rscmwevs_ConfigureHandoffTarget - new items in 'Destination Band Class' (BC20, BC21) - rscmwevs_Configure1xEVDOandCDMANeighborCells - new items in 'Band Class' (BC20, BC21) - rscmwevs_ConfigureRFSignalFrequency - new items in 'Band Class' (BC20, BC21) - rscmwevs_QueryRFSignalActiveScenario - new item in 'Scenario' (Hybrid Mode Lite) - rscmwevs_QueryRFSignalActiveScenarioFader - new item in 'Scenario' (Hybrid Mode Lite) - rscmwevs_QuerySignalRouting - new items in 'RX Connector' (values 9 and higher), 'TX Connector' (values 9 and higher), 'IQ Output Connector' (values 4 and higher), 'RX Converter' (values 4 and higher), 'TX Converter' (values 4 and higher) - rscmwevs_ConfigureRouting - new items in 'RF Input Connector' (values 9 and higher), 'RF Output Connector' (values 9 and higher), 'RF Input Converter' (values 4 and higher), 'RF Output Converter' (values 4 and higher) - rscmwevs_ConfigureHybridMode - new items in 'RF Input Connector' (values 9 and higher), 'RF Output Connector' (values 9 and higher), 'RF Input Converter' (values 4 and higher), 'RF Output Converter' (values 4 and higher) - rscmwevs_ConfigureSignalRoutingStandardCellFading - new items in 'RF Input Connector' (values 9 and higher), 'RF Output Connector' (values 9 and higher), 'RF Input Converter' (values 4 and higher), 'RF Output Converter' (values 4 and higher) - rscmwevs_ConfigureSignalRoutingStandardCellFadingExternal - new items in 'RF Input Connector' (values 9 and higher), 'RF Output Connector' (values 9 and higher), 'RF Input Converter' (values 4 and higher), 'RF Output Converter' (values 4 and higher), 'IQ Output Connector' (values 4 and higher) - rscmwevs_SetOPCTimeout - rscmwevs_GetOPCTimeout

rscmwevs driver for 1xEVDO Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		* Deleted: - rscmwevs_ConfigurePacketDataServingNode
3.5.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.100	03/2015	* Update for firmware version 3.5.10 * New functions: - rscmwevs_QueryIQOutput * Updated functions: - rscmwevs_ConfigureIQInput - range changed at parameter 'Path' - rscmwevs_ConfigureRFCarrierPowerLevel - range changed at parameter 'Level' * Modified Range Tables: - rscmwevs_rngRF_Carrier_Power_Level - RSCMWEVS_ATTR_RF_CARRIER_POWER_LEVEL Range changed to <-180.0;90> - rscmwevs_rngFadingSimulatorInsertionLossMode.RSCMWEVS_VAL_FADING_INSERTION_LOSS_MODE_NORMAL - RSCMWEVS_ATTR_FADING_SIMULATOR_INSERTION_LOSS_MODE Description changed ("Normal", "Normal: the insertion loss is determined by the fading profile.") - rscmwevs_rngFadingSimulatorInsertionLossMode.RSCMWEVS_VAL_FADING_INSERTION_LOSS_MODE_USER - RSCMWEVS_ATTR_FADING_SIMULATOR_INSERTION_LOSS_MODE Description changed ("User", "User: the insertion loss can be adjusted by the user.") - rscmwevs_rngFadingSimulatorRestartMode.RSCMWEVS_VAL_FADING_RESTART_MODE_AUTO - RSCMWEVS_ATTR_FADING_SIMULATOR_RESTART_MODE Description changed ("Auto", "Auto: fading automatically starts with the DL signal") - rscmwevs_rngFadingSimulatorRestartMode.RSCMWEVS_VAL_FADING_RESTART_MODE_MANUAL - RSCMWEVS_ATTR_FADING_SIMULATOR_RESTART_MODE Description changed ("Manual", "Manual: fading is started and restarted manually.") - rscmwevs_rngFadingSimulatorRestartMode.RSCMWEVS_VAL_FADING_RESTART_MODE_TRIGGER - RSCMWEVS_ATTR_FADING_SIMULATOR_RESTART_MODE Description changed ("Trigger", "Trigger: fading start is triggered by external trigger")
3.2.800	06/2014	* New Subsystem: - Internal Fading * New: - rscmwevs_QueryRFSignalActiveScenarioFader - rscmwevs_ConfigureSignalRoutingStandardCellFading - rscmwevs_ConfigureSignalRoutingStandardCellFadingExternal - rscmwevs_ConfigureIQInput - rscmwevs_ConfigureNeighborCell - rscmwevs_ConfigureLTENeighborCellsTreshX - rscmwevs_ConfigureTestApplicationPreferredPacketMode - rscmwevs_QueryRXPower - rscmwevs_QueryNegotiatedMode - rscmwevs_ConfigureTestESN - rscmwevs_ConfigureTestMEID - rscmwevs_ConfigureRXQualityRemoteDisplay * Updated: - rscmwevs_QuerySignalRouting - API changed (IQ output added) - rscmwevs_QueryRFSignalActiveScenario - SCF added
3.2.100	09/2013	* New: - rscmwevs_ConfigureHybridMode - rscmwevs_ConfigurePacketDataServingNode

rscmwevs driver for 1xEVDO Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		* Updated: - rscmwevs_QuerySignalRouting - rscmwevs_ConfigureReversePowerControl - rscmwevs_ConfigureRFCarrierChannel - rscmwevs_ConfigureNetworkAccessProperties - rscmwevs_ConfigureLTENeighborCells - rscmwevs_ConfigureHandoffCarrierTarget * Removed: - rscmwevs_ConfigureSignalingUniversalUnitHybridModeState
3.0.200	04/2013	* Update for firmware version 3.0.20 * New: - rscmwevs_ConfigureSignalingUniversalUnitHybridModeState - rscmwevs_ConfigureLeapSecondCorrection - rscmwevs_ConfigureLocalTimeOffset - rscmwevs_QueryLocalTimeOffset - rscmwevs_ConfigureAllNeighborCellLowThreshold - rscmwevs_ConfigureNeighborCellLowThreshold - rscmwevs_Configure1xEVDOandCDMANeighborCells - rscmwevs_ConfigureLTENeighborCells - rscmwevs_QueryDataApplicationUnitIPAddress - rscmwevs_ConfigureRXQualityDataRLPTableResultsState * Updated: - rscmwevs_ConfigureRouting
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * Added subsytems: - Data Results * New: - rscmwevs_ConfigureDataEndToEndState - rscmwevs_ConfigureTimeSettings - rscmwevs_ConfigureTime - rscmwevs_ConfigureDate - rscmwevs_ConfigureReverseTrafficTerminationTarget - rscmwevs_ConfigurePacketPreferredApplication - rscmwevs_ConfigureNetworkSecuritySettings - rscmwevs_ConfigureMessageMonitoring - rscmwevs_QueryPacketDataState - rscmwevs_QueryTestApplicationInformation - rscmwevs_QueryInterRAT - rscmwevs_QueryActiveApplication - rscmwevs_FetchRXQualityForwardLinkPERMeasurementCarrierStatus - rscmwevs_FetchRXQualityForwardLinkPerformanceMeasurementCarrierStatus - rscmwevs_FetchRXQualityReverseLinkPERMeasurementCarrierStatus - rscmwevs_FetchRXQualityReverseLinkPerformanceMeasurementCarrierStatus * Modified - rscmwevs_ConfigureTestApplication - command changed, Packet mode added
2.1.250	11/2011	Release for CMW firmware version 2.1.25.xx Modifications: * New functions: - rscmwevs_ConfigureRFCarrierChannel - rscmwevs_QueryRFCarrierLinkFrequency - rscmwevs_ConfigureRFCarrierPowerLevel - rscmwevs_ConfigureRFCarrierPilotState

rscmwevs driver for 1xEVDO Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwevs_QueryRFCarrierPilotATState - rscmwevs_ConfigureForwardTrafficChannelBPacketType - rscmwevs_QueryForwardTrafficChannelB - rscmwevs_QueryForwardTrafficChannelBLoopback - rscmwevs_ConfigureACKTrafficChannelB - rscmwevs_QueryACKTrafficChannelB - rscmwevs_ConfigureReverseTrafficChannelBIndex - rscmwevs_QueryReverseTrafficChannelBPacketSize - rscmwevs_QueryCarrierStatus - rscmwevs_QueryLongCodeMask - rscmwevs_ConfigureHandoffCarrierTarget - rscmwevs_QueryHandoffCarrierLinkFrequency - rscmwevs_ConfigureHandoffCarrierPilotStates - rscmwevs_ConfigureRXQualitySelectedCarrierForResults - rscmwevs_ConfigureRXQualityMeasurementRepetition - rscmwevs_ConfigureRXQualityPERMeasurementStopCondition - rscmwevs_ConfigureRXQualityForwardPERMeasurementSentPackets - rscmwevs_ConfigureRXQualityReversePERMeasurementSentPackets - rscmwevs_ConfigureRXQualityThroughputMeasurementFrames - rscmwevs_ConfigureRXQualityCarrierEvaluation - rscmwevs_ReadRXQualityReverseLinkPERResults - rscmwevs_FetchRXQualityReverseLinkPERResults - rscmwevs_QueryRXQualityReverseLinkPERLimitCheckResults - rscmwevs_FetchRXQualityReverseLinkPERMeasurementStatus - rscmwevs_ReadRXQualityReverseLinkPerformanceResults - rscmwevs_FetchRXQualityReverseLinkPerformanceResults - rscmwevs_QueryRXQualityReverseLinkPerformanceLimitCheckResults - rscmwevs_FetchRXQualityReverseLinkPerformanceMeasurementStatus * New attributes: - RSCMWEVS_ATTR_RF_CARRIER_SETTING - RSCMWEVS_ATTR_RF_CARRIER_CHANNEL - RSCMWEVS_ATTR_RF_CARRIER_CHANNEL_OFFSET - RSCMWEVS_ATTR_RF_CARRIER_FORWARD_LINK_FREQUENCY - RSCMWEVS_ATTR_RF_CARRIER_REVERSE_LINK_FREQUENCY - RSCMWEVS_ATTR_RF_CARRIER_POWER_LEVEL - RSCMWEVS_ATTR_RF_CARRIER_PILOT_SETTING - RSCMWEVS_ATTR_RF_CARRIER_ACTIVE_ON_AN - RSCMWEVS_ATTR_RF_CARRIER_ASSIGNED_TO_AT - RSCMWEVS_ATTR_RF_CARRIER_PILOT_AT_STATE - RSCMWEVS_ATTR_LAYER_FORWARD_TRAFFIC_CHANNEL_B_PACKET_TYPE - RSCMWEVS_ATTR_QUERY_LAYER_FORWARD_TRAFFIC_CHANNEL_B_INDEX - RSCMWEVS_ATTR_QUERY_LAYER_FORWARD_TRAFFIC_CHANNEL_B_PACKET_SIZE - RSCMWEVS_ATTR_QUERY_LAYER_FORWARD_TRAFFIC_CHANNEL_B_DATA_RATE - RSCMWEVS_ATTR_QUERY_LAYER_FORWARD_TRAFFIC_CHANNEL_B_SLOTS - RSCMWEVS_ATTR_QUERY_LAYER_FORWARD_TRAFFIC_CHANNEL_B_LOOPBACK_ENABLE - RSCMWEVS_ATTR_LAYER_ACK_TRAFFIC_CHANNEL_B - RSCMWEVS_ATTR_QUERY_LAYER_ACK_TRAFFIC_CHANNEL_B - RSCMWEVS_ATTR_LAYER_ACK_CHANNEL_B_MIN_INDEX - RSCMWEVS_ATTR_LAYER_ACK_CHANNEL_B_MAX_INDEX - RSCMWEVS_ATTR_LAYER_RMCTAP_MIN_PACKET_SIZE - RSCMWEVS_ATTR_LAYER_RMCTAP_MAX_PACKET_SIZE - RSCMWEVS_ATTR_QUERY_ACTIVE_FORWARD_LINK_CARRIERS - RSCMWEVS_ATTR_QUERY_ACTIVE_REVERSE_LINK_CARRIERS

rscmwevs driver for 1xEVDO Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- RSCMWEVS_ATTR_QUERY_LONG_CODE_MASK_I - RSCMWEVS_ATTR_QUERY_LONG_CODE_MASK_Q - RSCMWEVS_ATTR_HANDOFF_CARRIER_CHANNEL_TARGET - RSCMWEVS_ATTR_HANDOFF_CHANNEL_OFFSET - RSCMWEVS_ATTR_HANDOFF_FORWARD_LINK_FREQUENCY - RSCMWEVS_ATTR_HANDOFF_REVERSE_LINK_FREQUENCY - RSCMWEVS_ATTR_HANDOFF_PILOT_ACTIVE_ON_AN - RSCMWEVS_ATTR_HANDOFF_PILOT_ASSIGNED_TO_AT - RSCMWEVS_ATTR_RX_QUALITY_SELECT_CARRIER_FOR_RESULTS - RSCMWEVS_ATTR_RX_QUALITY_PER_REPETITION - RSCMWEVS_ATTR_RX_QUALITY_THROUGHPUT_REPETITION - RSCMWEVS_ATTR_RX_QUALITY_UPDATE_PERIOD - RSCMWEVS_ATTR_RX_QUALITY_LINK_STOP_CONDITION - RSCMWEVS_ATTR_RX_QUALITY_FORWARD_MAX_TEST_PACKETS_SENT - RSCMWEVS_ATTR_RX_QUALITY_REVERSE_MAX_PACKETS_SENT - RSCMWEVS_ATTR_RX_QUALITY_FORWARD_LINK_PERFORMANCE_MAX_FRAMES - RSCMWEVS_ATTR_RX_QUALITY_REVERSE_LINK_PERFORMANCE_MAX_FRAMES - RSCMWEVS_ATTR_RX_QUALITY_EVALUATION_DECISION - RSCMWEVS_ATTR_RX_QUALITY_ASSIGN_VIEWS_REVERSE_LINK_PER - RSCMWEVS_ATTR_RX_QUALITY_ASSIGN_VIEWS_REVERSE_LINK_PERFORMANCE * Updated functions: - rscmwevs_GetError - rscmwevs_CheckStatusCallback - rscmwevs_ConfigureRFCarrierPilotState - rscmwevs_ConfigureForwardTrafficChannel - rscmwevs_ConfigureNetworkSystemParameters - rscmwevs_ConfigureNetworkAccessProperties - rscmwevs_ConfigureRXQualityMeasurementResults - rscmwevs_ConfigureRXQualityMeasurementLimits - rscmwevs_RXQualityMeasurementInit - rscmwevs_RXQualityMeasurementAbort - rscmwevs_RXQualityMeasurementStop - rscmwevs_QueryRXQualityMeasurementStatus - rscmwevs_ReadRXQualityForwardLinkPERResults - rscmwevs_FetchRXQualityForwardLinkPERResults - rscmwevs_QueryRXQualityForwardLinkPERLimitCheckResults - rscmwevs_ReadRXQualityForwardLinkPerformanceResults - rscmwevs_FetchRXQualityForwardLinkPerformanceResults - rscmwevs_QueryRXQualityForwardLinkPerformanceLimitCheckResults * Deleted functions: - rscmwevs_ConfigureRXQualityMeasurementControlSettings * Deleted attributes: - RSCMWEVS_ATTR_RX_QUALITY_REPETITION - RSCMWEVS_ATTR_RX_QUALITY_STOP_CONDITION - RSCMWEVS_ATTR_RX_QUALITY_MAX_TEST_PACKETS_SENT - RSCMWEVS_ATTR_RX_QUALITY_MAX_FRAMES

rscmwevs driver for 1xEVDO Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
2.0.110	02/2011	Release for CMW firmware version 2.0.10.xx * New functions: - rscmwevs_ConfigureRouting - rscmwevs_QuerySignalRouting - rscmwevs_QueryRFSignalActiveScenario * Removed functions/attributes: - rscmwevs_ConfigureRFInputSignalRouting - rscmwevs_ConfigureRFOutputSignalRouting - RSCMWEVS_ATTR_RF_INPUT_CONNECTOR - RSCMWEVS_ATTR_RF_OUTPUT_CONNECTOR
1.0.150	01/2010	Release for CMW firmware version 1.0.15.0 Initial revision

11 RScmwGG - GSM Generator (2.0.110)

rscmwgg driver for GSM Generator		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW280		
Revision	Date	Note
2.0.110	05/2011	Release for CMW firmware version 2.0.10 Modifications: * Added - rscmwgg_QueryGeneratorSignalRouting * Modified - rscmwgg_ConfigureGeneratorSignalRouting - added new routing settings * Obsolete - RSCMWGG_ATTR_GENERATOR_OUTPUT_CONNECTOR
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwgg_ConfigureGeneratorSlotModulationScheme - rscmwgg_ConfigureGeneratorSlotPowerControlLevel
1.0.40	09/2008	Release for CMW firmware version 1.0.4 Modified: - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwgg_RsClose function - Modified rcmwgg_atof
1.0.40	08/2008	Release for CMW firmware version 1.0.4 Initial revision

12 RScmwGM - GSM Measurement (3.7.220)

rscmwgm driver for GSM Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.220	05/2019	* Update for firmware version 3.7.22 * New core 3.4.0 * New: - rscmwgm Read Multi Eval Spectrum Modulation Frequency Limits Results.vi - rscmwgm Fetch Multi Eval Spectrum Modulation Frequency Limits Results.vi - rscmwgm Read Multi Eval Spectrum Switching Frequency Limits Results.vi - rscmwgm Fetch Multi Eval Spectrum Switching Frequency Limits Results.vi * Modified: - rscmwgm Configure Multi Eval Measurement List Mode Segment.vi - added IF Power - rscmwgm Configure Multi Eval Measurement List Mode CMWS Connector.vi
3.5.400	03/2017	* Update for firmware version 3.5.400 * Added - rscmwgm_ConfigureAnalyzerChannelAndBand - rscmwgm_ConfigureMEvalMeasTimeout - rscmwgm_ConfigureMEvalMeasIgnoreInitialOffFrames - rscmwgm_ConfigureMultiEvalMeasurementListModeTriggerMode - rscmwgm_ConfigureMEvalMeasListModeCMWSConnector - rscmwgm_ConfigureErrorChecking - rscmwgm_WriteCommandWithOPCSync - rscmwgm_QueryWithOPCSync * Updated - rscmwgm_ConfigureAnalyzer - rscmwgm_ConfigureMEvalMeasModulationScheme - rscmwgm_ConfigureMEvalMeasPVTPCL - rscmwgm_ConfigureMEvalMeasSpecModTimeFreqOffset
3.5.310	11/2016	* Update for firmware version 3.5.31 * Added support for fast sweep measurements * Added - rscmwgm_ClearStatus - rscmwgm_IDQueryResponse - rscmwgm_ProcessAllPreviousCommands - rscmwgm_QueryOPC
3.5.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.100	03/2015	* Update for firmware version 3.5.10 * Help improvements * Updated: - rscmwgm_ConfigureAnalyzerStandAloneScenario
3.2.700	10/2014	* Update for firmware version 3.2.70 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Updated: - rscmwgm_ConfigureMEvalLimitsPVTLowerLinesDynamic - Area max changed to 5 * Enhancement: - rscmwgm_invalidViInt32Range - rscmwgm_invalidViUInt32Range - rscmwgm_invalidViReal64Range - rscmwgm_invalidViBooleanRange
3.2.600	04/2014	* Update for firmware version 3.2.60

rscmwgm driver for GSM Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		* New: - rscmwgm_ConfigureMultiEvalMeasurementListModeRange * Updated: - Range of instance in all functions has been changed to 1..16 * Fixed: - Error reporting by means of rscmwgm_GetError function
3.2.100	09/2013	* Update for firmware version 3.2.10 * New: - rscmwgm_ConfigureAnalyzerFrequencyOffset RSCMWGM_ATTR_ANALYZER_FREQUENCY_OFFSET * Updated: - rscmwgm_QuerySignalRouting ... new returned RX connector values available, RX3/4 available for RF converter * Fixed: - rscmwgm_FetchMultiEvalListModeAllEVMResults - rscmwgm_QueryMultiEvalListModeAllCheckLimitEVMResults - rscmwgm_FetchMultiEvalListModeAllMagnitudeErrorResults - rscmwgm_QueryMultiEvalListModeAllCheckLimitMagnitudeErrorResults - rscmwgm_FetchMultiEvalListModeAllPhaseErrorResults - rscmwgm_QueryMultiEvalListModeAllCheckLimitPhaseErrorResults
3.0.200	12/2012	Modifications: * Update for firmware version 3.0.20 * New: - rscmwgm_FetchMEvalMeasModulationViewThroughput * Removed obsolete functions
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * Added features: - Added functions for reading all list mode segments result of individual measurement * New: - rscmwgm_ConfigureAnalyzerMeasureProtocolScenarioApplication - rscmwgm_ConfigureMultiEvalMeasurementListModeStateIgnoreIdleFrames - rscmwgm_FetchMultiEvalListModeAllDemodulatedBits - rscmwgm_FetchMEvalMeasListModeAllReliabilityResults
2.1.100	07/2011	Release for CMW firmware version 2.1.10.xx * New: - rscmwgm_ConfigureMEvalMeasDecode - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_DECODE - rscmwgm_QueryMEvalMeasListModeCheckLimitModulationResults - rscmwgm_QueryMEvalMeasListModeCheckLimitModulationStandardDeviation - rscmwgm_QueryMEvalMeasListModeCheckLimitModulationPercentile - rscmwgm_QueryMEvalMeasListModeCheckLimitSpectrumModulation - rscmwgm_QueryMEvalMeasListModeCheckLimitSpectrumSwitching - rscmwgm_QueryMEvalMeasListModeCheckLimitSpectrumBER - rscmwgm_QueryMEvalMeasListModeCheckLimitPVTResults - rscmwgm_QueryMEvalMeasListModeCheckLimitPVTSubvector - rscmwgm_QueryMEvalMeasListModeAllCheckLimitModulationResults - rscmwgm_QueryMEvalMeasListModeAllCheckLimitModulationStandardDeviation - rscmwgm_QueryMEvalMeasListModeAllCheckLimitModulationPercentile - rscmwgm_QueryMEvalMeasListModeAllCheckLimitSpectrumModulation - rscmwgm_QueryMEvalMeasListModeAllCheckLimitSpectrumSwitching - rscmwgm_QueryMEvalMeasListModeAllCheckLimitSpectrumBER - rscmwgm_QueryMEvalMeasListModeAllCheckLimitPVTResults

rscmwgm driver for GSM Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwgm_QueryMEvalMeasListModeAllCheckLimitPVTSubvector - rscmwgm_FetchMEvalMeasListModeAllOverviewResults - rscmwgm_QueryMEvalMeasListModeAllCheckLimitOverviewResults * Modified: - Documentation updated, API changed - added cotrols for controling array size: - rscmwgm_FetchMEvalMeasListModeModulationResults - rscmwgm_FetchMEvalMeasListModeModulationStandardDeviation - rscmwgm_FetchMEvalMeasListModeModulationPercentile - rscmwgm_FetchMEvalMeasListModeSpectrumModulation - rscmwgm_FetchMEvalMeasListModeSpectrumSwitching - rscmwgm_FetchMEvalMeasListModePVTSubvector - rscmwgm_FetchMEvalMeasListModeAllModulationResults - rscmwgm_FetchMEvalMeasListModeAllModulationStandardDeviation - rscmwgm_FetchMEvalMeasListModeAllModulationPercentile - rscmwgm_FetchMEvalMeasListModeAllSpectrumModulation - rscmwgm_FetchMEvalMeasListModeAllSpectrumSwitching - rscmwgm_FetchMEvalMeasListModeAllPVTSubvector - Documentation updated: - rscmwgm_FetchMEvalMeasListModeSpectrumBER - rscmwgm_FetchMEvalMeasListModePVTResults - rscmwgm_FetchMEvalMeasListModeAllSpectrumBER - rscmwgm_FetchMEvalMeasListModeAllPVTResults
2.0.110	04/2011	Release for CMW firmware version 2.0.10 * Added - rscmwgm_ConfigureMEvalMeasPowervsTimePCL - rscmwgm_ConfigureMEvalMeasVAMOSTrainingSequenceCode - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_VAMOS_TSC - rscmwgm_ConfigureMEvalMeasListModeSegment - rscmwgm_FetchMEvalPowervsTimeBurstType - rscmwgm_FetchMEvalPowervsTimeRealtiveSlotTiming - rscmwgm_FetchMEvalPowervsTimeTrainingSequenceCode * Modified functions/attributes: - rscmwgm_ConfigureAnalyzerStandAloneScenario - connectors added RF3/4/A/B, RX2 - rscmwgm_ConfigureMEvalMeasTrigger - default value changed - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT * Obsolete functions/attributes - RSCMWGG_ATTR_GENERATOR_OUTPUT_CONNECTOR - rscmwgm_ConfigureMEvalMeasListModeSegmentLength - replaced by Configure Multi Eval Measurement List Mode Segment
1.0.152	06/2010	Release for CMW firmware version 1.0.15.20 Added functions/attributes - rscmwgm_ConfigureAnalyzerMeasureProtocolScenario - RSCMWGM_ATTR_MEASURE_PROTOCOL_SCENARIO - rscmwgm_ConfigureAnalyzerMixerInputLevel - RSCMWGM_ATTR_ANALYZER_MIXER_INPUT_LEVEL - rscmwgm_ConfigureMEvalLimitsPVTUpperLinesDynamic - rscmwgm_ConfigureMEvalLimitsPVTLowerLinesDynamic
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwgm_ConfigureRoutingScenario - RSCMWGM_ATTR_CONFIGURE_ROUTING_SCENARIO

rscmwgm driver for GSM Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwgm_ConfigureMEvalMeasBERThreshold - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_BER_THRESHOLD_RUN - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_BER_THRESHOLD_START - rscmwgm_ConfigureMEvalMeasSpecModPwrAverMode - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_POWER_AVERAGE - rscmwgm_ConfigureMultiEvalMeasurementListModeBER - rscmwgm_QueryMEvalMeasModulationCheckLimitResults - rscmwgm_QueryMEvalMeasModulationStandardDeviationCheckLimitResults - rscmwgm_QueryMEvalMeasModulationPercentileCheckLimitResults - rscmwgm_QueryMEvalMeasPVTCheckLimitResults - rscmwgm_QueryMEvalMeasPVTSubvectorCheckLimitResults - rscmwgm_QueryMEvalMeasSpecModulationBurstPowerCheckLimitResults - rscmwgm_QueryMEvalMeasSpecModulationCheckLimitResult - rscmwgm_QueryMEvalMeasSpecSwitchBurstPowerCheckLimitResults - rscmwgm_QueryMEvalMeasSpecSwitchCheckLimitResult - rscmwgm_ReadMEvalMeasIQConstellationResult - rscmwgm_ReadMEvalMeasBERResult - rscmwgm_QueryMEvalMeasBERCheckLimitResult - rscmwgm_FetchMEvalMeasListModeSpectrumBER - rscmwgm_FetchMEvalMeasListModeAllSpectrumBER Modified functions/attributes - rscmwgm_ConfigureMEvalMeasStatisticsCount - added new measurement - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_COUNT - added new measurement - RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_RESULT - added new measurement - rscmwgm_ConfigureMEvalMeasResults - added new measurement - rscmwgm_ConfigureMEvalMeasSpecModFOffset - new values in array - rscmwgm_ConfigureMEvalMeasSpecSwitchFOffset - rscmwgm_ConfigureMultiEvalMeasurementListModeStepLength - rscmwgm_ConfigureMultiEvalMeasurementListModeModulationResults - rscmwgm_ConfigureMultiEvalMeasurementListModePVTResults - rscmwgm_ConfigureMultiEvalMeasurementListModeSpectrumModulationResults - rscmwgm_ConfigureMultiEvalMeasurementListModeSpectrumSwitchingResults - rscmwgm_FetchMEvalMeasPVTSubvector - rscmwgm_FetchMEvalMeasIQConstellationResult - rscmwgm_FetchMEvalMeasListModeModulationResults - rscmwgm_FetchMEvalMeasListModePVTSubvector - rscmwgm_ReadMEvalMeasSpecSwitchTrace
1.0.50	01/2009	Release for CMW firmware version 1.0.53 New Features: List Mode All measurement Added BER measurement Added I/Q constellation measurement Added subvector measurements Modified functions/attributes: rscmwgm_ReadMEvalMeasModulationResults rscmwgm_FetchMEvalMeasModulationResults rscmwgm_ReadMEvalMeasModulationStandardDeviation rscmwgm_FetchMEvalMeasModulationStandardDeviation rscmwgm_ReadMEvalMeasModulationPercentile rscmwgm_FetchMEvalMeasModulationPercentile rscmwgm_ReadMEvalMeasSpecModulationResult

rscmwgm driver for GSM Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		rscmwgm_FetchMEvalMeasSpecModulationResult rscmwgm_FetchMEvalMeasPVTResults rscmwgm_ReadMEvalMeasPVTResults rscmwgm_FetchEvalMeasSpecSwitchResult rscmwgm_FetchMEvalMeasSpecSwitchResult - redesigned for better safety RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - changed data type to string RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SLOPE, RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_THRESHOLD, RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_DELAY, RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT_STATE, RSCMWGM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT - changed command
1.0.42	09/2008	Release for CMW firmware version 1.0.4 Modified: - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwgm_RsClose function - Modified rcmwgm_atof, rscmwgm_atol
1.0.41	08/2008	Release for CMW firmware version 1.0.4 Modified: GPRF Generator subsystem moved to standalone driver
1.0.40	07/2008	Release for CMW firmware version 1.0.4 Modified: Modified functions/attributes: - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - complete redesign - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SLOPE – changed command - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_THRESHOLD - changed command - RSCMWC2M_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT - changed command - rscmwc2m_ConfigureMEvalMeasTrigger - redesign, see above - rscmwc2m_ReadMEvalMeasModulationResults, rscmwc2m_FetchMEvalMeasModulationResults - added Minimum measurement
1.0.2	2/2008	Release for CMW firmware version 1.0.2 Initial revision

13 RScmwGS - GSM Signaling (3.7.220)

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.220	05/2019	* Update for firmware version 3.7.22 * New core 3.4.0 * New: - rscmwgs_ConfigureConnectionExtendedUplinkTBF - rscmwgs_ConfigureNetworkTimeSendNetworkName - rscmwgs_SMSOutgoingProtocolIdentifier - rscmwgs_SMSOutgoingUserDataHeader - rscmwgs_ConfigureAutoSystemErrQuery - rscmwgs_ConfigureMultiThreadLocking - rscmwgs_GetAttributeRepCapName * Updated functions: - rscmwgs_ConfigureHandoverExternalPrepareLTE - rscmwgs_ConfigureConnectionCircuitSwitched - rscmwgs_ConfigureNetworkCellSIMCardType - rscmwgs_ConfigureNetworkIdentity - rscmwgs_ConfigureRoutingWithInternalDiversityFading
3.7.100	01/2018	* New functions: - rscmwgs_ConfigureNetworkCellIMSIFilter - rscmwgs_ConfigureNetworkCellSupport - rscmwgs_ConfigureNetworkRejectCausesCMType - rscmwgs_ConfigureConnectionCircuitSwitchedAttempt - rscmwgs_ConfigureConnectionCircuitSwitchedReject - rscmwgs_QueryConnectionCircuitSwitchedAttempt - rscmwgs_QueryConnectionCircuitSwitchedReject * Updated functions: - rscmwgs_ConfigureNetworkRejectCauses - added CM reject cause - rscmwgs_ConfigureNetworkNeighborCellLTE - changed Operating Band 76 to Operating Band 67 - rscmwgs_ConfigureConnectionCircuitSwitchedCallRelease - added value Local end release - rscmwgs_ConfigureHandoverExternalPrepareLTE - changed Operating Band 76 to Operating Band 67
3.5.400	03/2017	* New functions: - rscmwgs_ConfigureNetworkCellECGSMIoT - rscmwgs_ConfigureNetworkCellSIMCardType - rscmwgs_ConfigureNetworkCellKIValue - rscmwgs_ConfigureHandoverMobilityMode - rscmwgs_ConfigureMessageMonitoring - rscmwgs_QueryMessageMonitoringIPAddress - rscmwgs_ConfigureErrorChecking - rscmwgs_WriteCommandWithOPCSync - rscmwgs_QueryWithOPCSync * Updated functions: - rscmwgs_ConnectionState - rscmwgs_PacketSwitchedConnectionState - rscmwgs_ConfigureNetworkRejectCauses - rscmwgs_ConfigureNetworkNeighborCellLTE - rscmwgs_ConfigureNetworkNeighborCellWCDMA - rscmwgs_ConfigureConnectionCircuitSwitched - rscmwgs_ConfigureConnectionCircuitSwitchedVAMOSSupportLevel - rscmwgs_ConfigureHandoverExternalPrepareLTE - rscmwgs_ConfigureHandoverExternalPrepareWCDMA

rscmwgs driver for GSM Signaling

Driver history for LabWindows/CVI and VXIplug&play driver

Instruments: CMW500

Revision	Date	Note
3.5.310	10/2016	* New functions: - rscmwgs_ConfigureRoutingStandardCell - rscmwgs_ConfigureRoutingIqOutRfIn - rscmwgs_ConfigureRoutingExternalFading - rscmwgs_ConfigureRoutingExternalDiversityFading - rscmwgs_ConfigureBCCHLowerLimitCheck - rscmwgs_QueryFadingSimulatorInsertionLoss - rscmwgs_ClearEventLog - rscmwgs_QueryVoiceInfo - rscmwgs_ConfigureNetworkMOCAlertingTimer - rscmwgs_ConfigureNetworkGmmRoutingAreaRejectCause - rscmwgs_ConfigureNetworkTimeLocalZoneOffset - rscmwgs_SetVISATimeout - rscmwgs_GetVISATimeout - rscmwgs_ClearStatus - rscmwgs_IDQueryResponse - rscmwgs_ProcessAllPreviousCommands - rscmwgs_QueryOPC * Updated functions: - rscmwgs_ConfigureRoutingWithInternalFading - rscmwgs_ConfigureRoutingWithInternalDiversityFading - rscmwgs_QueryEventLogLastEntry - rscmwgs_QueryEventLogAllEntries - rscmwgs_ConfigureNetworkIdentity - rscmwgs_ConfigureNetworkTimersAndConstants - rscmwgs_ConfigureNetworkNeighborCellWCDMA - rscmwgs_ConfigureHandoverExternalPrepareWCDMA - rscmwgs_ConfigureBERPacketSwitchedMeasurementMode - rscmwgs_CBSMessageSerial - rscmwgs_SetOPCTimeout - rscmwgs_GetOPCTimeout - rscmwgs_ConfigureNetworkNeighborCellTDSCDMA * Moved to Obsolete: - rscmwgs_ConfigureRouting - rscmwgs_ConfigureRoutingWithExternalFading - rscmwgs_ConfigureRoutingWithExternalDiversityFading
3.5.200	10/2015	* Update for firmware 3.5.20 * New: - rscmwgs_ConfigureRoutingWithInternalDiversityFading - rscmwgs_ConfigureRoutingWithExternalDiversityFading - rscmwgs_QueryMobileTighterCapabilities - rscmwgs_QueryVAMOSLevel - rscmwgs_ConfigureConnectionCircuitSwitchedAMRSignalingMode - rscmwgs_ConfigureConnectionPacketSwitchedAutoDualSlot - rscmwgs_ConfigureConnectionPacketSwitchedSlotConfigUSFDownlink - rscmwgs_ConfigureHandoverDualbandTCH - rscmwgs_ConfigureHandoverDualbandDestination - rscmwgs_ConfigureHandoverPercentageOfDownlink - rscmwgs_SMSOutgoingLastMessageSent - CBS * Updated: - rscmwgs_QuerySignalRouting - rscmwgs_ConfigureNetworkNeighborCellLTE - rscmwgs_ConfigureHandoverExternalPrepareLTE

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.5.100	03/2015	* Update for firmware 3.5.10 * Help improvements * Update: - rscmwgs_ConfigureSpeechCodec
3.2.700	11/2014	* Update for firmware 3.2.70 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * New Subsystems: - External Handover * New: - rscmwgs_ConfigureNetworkCellEarlyClassmarkSending - rscmwgs_ConfigureNetworkCellInitialPowerReduction - rscmwgs_ConfigureNetworkCellBaring - rscmwgs_ConfigureNetworkReleaseTimer - rscmwgs_ConfigureNetworkRejectCauses - rscmwgs_ConfigureConnectionTimingAdvance - rscmwgs_ConfigureConnectionCircuitSwitchedEchoDelay - rscmwgs_ConfigureConnectionCircuitSwitchedDTXDL - rscmwgs_SMSOutgoingServiceTimeSource - rscmwgs_SMSOutgoingServiceTimeDate - rscmwgs_QuerySMSOutgoingMessageSegment - rscmwgs_ConfigureMeasurementReportSettings - rscmwgs_QueryMeasurementReportsReceivedBlocks - rscmwgs_QueryMeasurementReportsMeanBEPCircuitSwitched - rscmwgs_QueryMeasurementReportsCVBEPCircuitSwitched - rscmwgs_ConfigureNetworkCellCircuitSwitchedEnhancedMeasurementReport - rscmwgs_ConfigureNetworkTimeTransfer * Update - rscmwgs_PacketSwitchedConnectionState - SMS, PDP added - rscmwgs_ConfigureNetworkNeighborCellGSM - BSIC control added - rscmwgs_ConfigureBERCircuitSwitchedStatisticalSettings - New values - rscmwgs_ConfigureBERCircuitSwitchedStatisticCount - range - rscmwgs_ReadBERCircuitSwitchedResults - API - rscmwgs_FetchBERCircuitSwitchedResults - API - rscmwgs_ReadBERPacketSwitchedResults - ranges - rscmwgs_FetchBERPacketSwitchedResults - ranges - rscmwgs_ReadBERPacketSwitchedSingleCarrierResults - ranges - rscmwgs_FetchBERPacketSwitchedSingleCarrierResults - ranges * Enhancement: - rscmwgm_invalidViInt32Range - rscmwgm_invalidViUInt32Range - rscmwgm_invalidViReal64Range - rscmwgm_invalidViBooleanRange
3.2.600	04/2014	* Update for firmware 3.2.60 * New: - rscmwgs_ConfigureExternalDelayCompensation - RSCMWGS_ATTR_EXTERNAL_DELAY_COMPENSATION_UL - RSCMWGS_ATTR_EXTERNAL_DELAY_COMPENSATION_DL - rscmwgs_QueryAPNGateway - RSCMWGS_ATTR_MOBILE_CAPABILITIES_APN - rscmwgs_QueryRXPower - RSCMWGS_ATTR_MOBILE_CAPABILITIES_RX_POWER - rscmwgs_QueryEmergencyCallServiceCategory - rscmwgs_ConfigureNetworkCellExtended

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- RSCMWGS_ATTR_NETWORK_CELL_PAGE_MODE - RSCMWGS_ATTR_NETWORK_CELL_NCC_PERMITTED - RSCMWGS_ATTR_NETWORK_CELL_MAX_RETRANS - RSCMWGS_ATTR_NETWORK_CELL_PAGING_WITH_MS_IDENTITY - rscmwgs_ConfigureNetworkImmediateAssignmentTimers - RSCMWGS_ATTR_NETWORK_TIMER_T3122 - RSCMWGS_ATTR_NETWORK_TIMER_T3142 - rscmwgs_ConfigureNetworkCellReselectionHysteresis - RSCMWGS_ATTR_NETWORK_CELL_RESELECTION_HYSTERESIS - rscmwgs_ConfigureNetworkCellAllowedDLChannels - rscmwgs_ConfigureNetworkCellConnectionRequest - rscmwgs_ConfigureNetworkCellSynchronization - RSCMWGS_ATTR_NETWORK_CELL_SYNCHRONIZATION_OFFSET - RSCMWGS_ATTR_NETWORK_CELL_SYNCHRONIZATION_ZONE - Measurement Reports - RSCMWGS_ATTR_NEIGHBOR_CELL_THRESHOLD_TDSCDMA - rscmwgs_ConfigureNetworkNeighborCellWCDMA - rscmwgs_ConfigureConnectionFrequencyOffset - RSCMWGS_ATTR_CONNECTION_RANDOM_FREQUENCY_OFFSET_ENABLED - RSCMWGS_ATTR_CONNECTION_FREQUENCY_OFFSET_DOWNLINK - RSCMWGS_ATTR_CONNECTION_FREQUENCY_OFFSET_UPLINK - rscmwgs_QueryConnectionError - RSCMWGS_ATTR_CONNECTION_ERROR - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_ERROR - rscmwgs_ConfigureConnectionCircuitSwitchedCallRelease - RSCMWGS_ATTR_CONNECTION_CALL_RELEASE - rscmwgs_ConfigureConnectionPacketSwitchedAutoSlot - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_AUTO_SLOT_CONFIG_ENABLED - rscmwgs_ConfigureConnectionPacketSwitchedBEPPeriod2 - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_BEP_PERIOD_2 - rscmwgs_ConfigureConnectionPacketSwitchedBCSDataCorruptionRate - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_BCS_DATA_CORRUPTION_RATE - rscmwgs_ConfigureConnectionPacketSwitchedDownlinkPowerControl - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_DOWNLINK_POWER_CONTROL_ENABLED - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_DOWNLINK_POWER_CONTROL_P0 - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_POWER_REDUCTION_MODE - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_POWER_REDUCTION_FIELD - rscmwgs_ConfigureConnectionPacketSwitchedAlwaysSendRLCDataBlocks - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_ALWAYS_SEND_RLC_DATA_BLOCKS - rscmwgs_FetchBERCircuitSwitchedIntermediateResults - rscmwgs_QueryBERCircuitSwitchedRoundTripDelay - RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_ROUND_TRIP_DELAY - rscmwgs_ConfigureBERPacketSwitchedMeasurementMode - RSCMWGS_ATTR_BER_PACKET_SWITCHED_MEASUREMENT_MODE - rscmwgs_ReadBERPacketSwitchedSingleCarrierResults - rscmwgs_FetchBERPacketSwitchedSingleCarrierResults - rscmwgs_FetchBERPacketSwitchedIntermediateResults - rscmwgs_FetchBERPacketSwitchedIntermediateEnhancedResults - CMR Performance measurement - rscmwgs_QuerySMSIncomingMessageSegment * Update

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwgs_ConfigureNetworkCellReselection: RxLevMin Access - range and default value - rscmwgs_ConfigureNetworkNeighborCellThreshold: added TD-SCDMA - rscmwgs_ConfigureNetworkNeighborCellGSM - added "Measurement Enabled" argument - rscmwgs_ConfigureNetworkNeighborCellLTE - added "Measurement Enabled" argument - rscmwgs_ConfigureNetworkNeighborCellWCDMA - added "Measurement Enabled" argument - rscmwgs_ReadBERPacketSwitchedResults, rscmwgs_FetchBERPacketSwitchedResults.vi - added "Non Assigned USF" control
3.2.201	02/2014	* Version 3.2.201 * Fixed RSCMWGS_ATTR_SIGNALING_CONNECTION_STATE, RSCMWGS_ATTR_SIGNALING_PACKET_SWITCHED_CONNECTION_STATE rscmwgs_QueryConnectionState, rscmwgs_QueryPacketSwitchedConnectionState - added missing states
3.2.200	10/2013	* Update for firmware 3.2.20 * New: - rscmwgs_ConfigureSpeechCodec - RSCMWGS_ATTR_SIGNALING_SPEECH_CODEC - rscmwgs_ConfigureFadingSimulatorDopplerFrequency - RSCMWGS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE - RSCMWGS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY - rscmwgs_QueryCodecListSupport - rscmwgs_ConfigureNetworkCellReselection - RSCMWGS_ATTR_NETWORK_CELL_RESELECTION_QUALITY_RXLEVMIN_ACCESS - RSCMWGS_ATTR_NETWORK_CELL_RESELECTION_QUALITY_RXLEVMIN_EUTRAN - RSCMWGS_ATTR_NETWORK_CELL_RESELECTION_QUALITY_RXLEVMIN_UTRAN - RSCMWGS_ATTR_NETWORK_CELL_RESELECTION_TRESELECTION - rscmwgs_ConfigureNetworkNeighborCellThreshold - RSCMWGS_ATTR_NEIGHBOR_CELL_THRESHOLD_LTE - RSCMWGS_ATTR_NEIGHBOR_CELL_THRESHOLD_WCDMA - rscmwgs_ConfigureNetworkNeighborCellGSM - rscmwgs_ConfigureNetworkNeighborCellLTE - rscmwgs_ConfigureNetworkNeighborCellWCDMA - rscmwgs_ConfigureConnectionCircuitSwitchedWidebandAMRThreshold - rscmwgs_ConfigureHandoverDestination - RSCMWGS_ATTR_HANDOVER_DESTINATION - rscmwgs_QueryHandoverDestination - RSCMWGS_ATTR_HANDOVER_DESTINATION_CATALOG - rscmwgs_ConfigureBERCircuitSwitchedStatisticalSettings - RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_MODE - RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_STOP_CONDITION - rscmwgs_ReadBLERSingleCarrierResults - rscmwgs_FetchBLERSingleCarrierResults - rscmwgs_ReadBLEROverAllResults - rscmwgs_FetchBLEROverAllResults - rscmwgs_ConfigureRLCThroughputMeasurementTimeout - RSCMWGS_ATTR_RLC_THROUGHPUT_TIMEOUT - rscmwgs_ConfigureRLCThroughputMeasurement - RSCMWGS_ATTR_RLC_THROUGHPUT_REPETITION - RSCMWGS_ATTR_RLC_THROUGHPUT_WINDOW - rscmwgs_RLCThroughputMeasurementInit - RSCMWGS_ATTR_RLC_THROUGHPUT_INIT - rscmwgs_RLCThroughputMeasurementAbort - RSCMWGS_ATTR_RLC_THROUGHPUT_ABORT

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwgs_RLCThroughputMeasurementStop - RSCMWGS_ATTR_RLC_THROUGHPUT_STOP - rscmwgs_QueryRLCThroughputMeasurementStatus - RSCMWGS_ATTR_RLC_THROUGHPUT_STATE - rscmwgs_QueryRLCThroughputMeasurementStatusAll - rscmwgs_ReadRLCThroughputSingleTraceResult - rscmwgs_FetchRLCThroughputSingleTraceResult - rscmwgs_ReadRLCThroughputResultsAll - rscmwgs_FetchRLCThroughputResultsAll - rscmwgs_SMSOutgoingMessageDomain - RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_DOMAIN - rscmwgs_SMSOutgoingMessageInternalParameters - RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_CODING_GROUP - RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_CLASS - RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_ORIGINATOR_SMSC_ADDRESS - RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_ORIGINATING_ADDRESS - rscmwgs_SMSOutgoingMessageBinary - RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_DATA_CODING - rscmwgs_QuerySMSIncomingMessageDataCoding - RSCMWGS_ATTR_SMS_INCOMMING_MESSAGE_DATA_CODING - rscmwgs_QueryGeneratorDetailState ... it replaces the old function rscmwgs_QueryGeneratorState, interface changed
3.2.100	09/2013	* Update for firmware version 3.2.10 * New: - rscmwgs_ConfigureRoutingWithInternalFading - rscmwgs_ConfigureRFFrequencyOffset - RSCMWGS_ATTR_FREQUENCY_OFFSET_DL - RSCMWGS_ATTR_FREQUENCY_OFFSET_UL - rscmwgs_ConfigureRFPowerUplinkMixerLevelOffset - RSCMWGS_ATTR_RF_MIXER_LEVEL_OFFSET - rscmwgs_QueryFadingSimulatorClippingCounter - RSCMWGS_ATTR_FADING_SIMULATOR_CLIPPING_COUNTER * Updated: - rscmwgs_ConfigureFadingSimulator ... new standards added - rscmwgs_ConfigureFadingAWGN ... Bandwidth Ratio and signalToNoiseRatio range changed * Fixed: - rscmwgs_ConfigureConnectionPacketSwitchedDataSource
3.0.200	01/2013	Modifications: * Update for firmware version 3.0.20 * New: - Network Cell Time configuration and transfer - Fading Simulator - rscmwgs_ConfigureConnectionPacketSwitchedIncrementalRedundancy - rscmwgs_ConfigureIQInput - rscmwgs_QueryIQOutput - rscmwgs_ConfigureEndToEnd - rscmwgs_QueryConnectionPacketSwitchedMaxThroughput - rscmwgs_ConfigureHandoverUplinkTimeslotsEnable - rscmwgs_ConfigureHandoverDownlinkTimeslotsEnable - rscmwgs_QueryExtendedDynamicAllocationSupport * Updated: - RSCMWGS_ATTR_NETWORK_REQUESTED_AUTHENTICATION - changed SCPI command - rscmwgs_ConfigureNetworkCellPacketSwitched - activated 'Signal Level Filter Period', 'BEP Period', 'PC Meas Channel'

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwgs_ConfigureConnectionPacketSwitchedSettings - activated 'Extended Dynamic Allocation' * Removed: - All obsolete functions and attributes
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * New: - rscmwgs_ConfigureBCCHandTCHPDCHScenario - rscmwgs_ConfigureBCCHLevel - rscmwgs_QueryEvenetLogLastEntry - rscmwgs_QueryEvenetLogAllEntries - rscmwgs_ConfigureConnectionCircuitSwitchedAMRNarrowBand8PSKHalfRate - rscmwgs_ConfigureConnectionCircuitSwitchedAMRWideBand8PSKFullRate - rscmwgs_ConfigureConnectionCircuitSwitchedAMRWideBand8PSKHalfRate - rscmwgs_ConfigureConnectionCircuitSwitchedAMR8PSKCodecModeDownlink - rscmwgs_ConfigureConnectionCircuitSwitchedAMR8PSKCodecModeUplink - rscmwgs_QueryConnectionCircuitSwitchedAMR8PSKMSCodecMode - rscmwgs_ConfigureConnectionCircuitSwitchedHalfRateSubchannel * Updated functions: - rscmwgs_ConfigureExternalAttenuation - Added "Output2" and "BCCH" - rscmwgs_ConfigureConnectionCircuitSwitched - Added "Data Source" support - rscmwgs_ConfigureConnectionPacketSwitchedSettings - Added Control "Ack Type" support - rscmwgs_ConfigureRouting - added RX3, RX4, TX3, TX4 connector - RSCMWGS_ATTR_NETWORK_CELL_BS_AG_BLKS_RES - range upper limit changed from 7 to 2
2.1.200	08/2011	Release for CMW firmware version 2.1.20.x * New: -rscmwgs_ConfigureConnectionCircuitSwitchedTrafficChannelsState -RSCMWGS_ATTR_CONNECTION_TRAFFIC_CHANNEL_STATE -rscmwgs_ConfigureConnectionCircuitSwitchedWidebandAMRRate -rscmwgs_ConfigureHandoverUplinkCodingScheme -RSCMWGS_ATTR_HANDOVER_UPLINK_CODING_SCHEME * Updated functions: -rscmwgs_ConfigureConnectionCircuitSwitchedAMRCodecMode - Added new repeated capability "Band" -rscmwgs_QueryConnectionCircuitSwitchedAMRMSCodecMode - Added new repeated capability "Band" -rscmwgs_ConfigureBERCircuitSwitchedLimit - Added two new controls and two new attributes -RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_LIMIT_FER_FACCH -RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_LIMIT_FER_SACCH -rscmwgs_ReadBERCircuitSwitchedResults - Added two new indicators -rscmwgs_FetchBERCircuitSwitchedResults- Added two new indicators
2.1.100	07/2011	Release for CMW firmware version 2.1.10.xx * New: -rscmwgs_ConfigureConnectionCircuitSwitchedVAMOSSupportLevel -RSCMWGS_ATTR_CONNECTION_VAMOS_MOBILE_SUPPORT_LEVEL -ConfigureHandoverUplinkGamma -ConfigureHandoverDownlinkCodingScheme
2.0.110	04/2011	Release for CMW firmware version 2.0.10 * Added functions/attributes -RSCMWGS_ATTR_BCCH_BAND

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		-RSCMWGS_ATTR_NETWORK_RADIOLINK_TIMEOUT_BS -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_CODING_SCHEME_UPLINK -RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_MODE -rscmwgs_QuerySignalRouting -rscmwgs_ConfigureRFPowerUplink -RSCMWGS_ATTR_EXPECTED_NOMINAL_POWER_MODE -RSCMWGS_ATTR_EXPECTED_NOMINAL_POWER -RSCMWGS_ATTR_EXPECTED_NOMINAL_POWER_MARGIN -rscmwgs_QueryMeasurementReportsCount -RSCMWGS_ATTR_MEASUREMENT_REPORTS_COUNT -rscmwgs_QueryMeasurementReportsCValue -RSCMWGS_ATTR_MEASUREMENT_REPORTS_SIGNAL_VARIANCE -rscmwgs_QueryMeasurementReportsMeanBEP -RSCMWGS_ATTR_MEASUREMENT_REPORTS_MEAN_8PSK_BEP -RSCMWGS_ATTR_MEASUREMENT_REPORTS_MEAN_GMSK_BEP -RSCMWGS_ATTR_MEASUREMENT_REPORTS_MEAN_QAM_BEP -rscmwgs_QueryMeasurementReportsCVBEP -RSCMWGS_ATTR_MEASUREMENT_REPORTS_CV_GMSK_BEP -RSCMWGS_ATTR_MEASUREMENT_REPORTS_CV_8PSK_BEP -RSCMWGS_ATTR_MEASUREMENT_REPORTS_CV_QAM_BEP -rscmwgs_QueryMultislotClass -RSCMWGS_ATTR_MOBILE_CAPABILITIES_MULTISLOT_CLASS -rscmwgs_QueryBandPowerClass -rscmwgs_ConfigureNetworkCellPacketSwitchedDomainState -RSCMWGS_ATTR_NETWORK_CELL_PACKET_SWITCHED_CONECTIONS_ENABLE -rscmwgs_ConfigureConnectionCircuitSwitchedAMRRate -rscmwgs_ConfigureConnectionCircuitSwitchedAMRCodecMode -RSCMWGS_ATTR_CONNECTION_AMR_CODEC_MODE_DOWNLINK -RSCMWGS_ATTR_CONNECTION_AMR_CODEC_MODE_UPLINK -rscmwgs_QueryConnectionCircuitSwitchedAMRMSCodecMode -RSCMWGS_ATTR_CONNECTION_MS_CODEC_MODE_DOWNLINK -RSCMWGS_ATTR_CONNECTION_MS_CODEC_MODE_UPLINK -rscmwgs_ConfigureConnectionPacketSwitchedSlotConfig -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_TBF_LEVEL -rscmwgs_ConfigureMeasurementSlotSettings -RSCMWGS_ATTR_MEASUREMENT_SLOT -rscmwgs_ConfigureBERCircuitSwitchedMeasurementTimeout -RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_TIMEOUT -rscmwgs_ConfigureBERCircuitSwitchedLimitBER -RSCMWGS_ATTR_BER_CIRCUIT_SWITCHED_LIMIT_BER -rscmwgs_ConfigureBERPacketSwitchedMeasurementTimeout -RSCMWGS_ATTR_BER_PACKET_SWITCHED_TIMEOUT -rscmwgs_ConfigureBLERMeasurementTimeout -RSCMWGS_ATTR_BLER_TIMEOUT -rscmwgs_SMSOutgoingMessageText -RSCMWGS_ATTR_SMS_OUTGOING_MESSAGE_TEXT -rscmwgs_SMSIncomingMessageReset -RSCMWGS_ATTR_SMS_INCOMING_MESSAGE_RESET -rscmwgs_QuerySMSIncomingMessageStatus -RSCMWGS_ATTR_SMS_INCOMING_MESSAGE_READ_FLAG -RSCMWGS_ATTR_SMS_INCOMING_MESSAGE_LENGTH -rscmwgs_QuerySMSIncomingMessageText - RSCMWGS_ATTR_SMS_INCOMING_MESSAGE_TEXT * Modified functions/attributes:

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- RSCMWGS_ATTR_NETWORK_REQUESTED_CLASSMARK - Reserved for future use. - RSCMWGS_ATTR_NETWORK_CELL_PACKET_SWITCHED_SIGNAL_LEVEL_FILTER_PERIOD - Reserved for future use. - RSCMWGS_ATTR_NETWORK_CELL_PACKET_SWITCHED_BEP_PERIOD - Reserved for future use. - RSCMWGS_ATTR_NETWORK_CELL_PACKET_SWITCHED_PC_MEAS_CHANNEL - Reserved for future use. - RSCMWGS_ATTR_CONNECTION_DATA_SOURCE - Reserved for future use. - RSCMWGS_ATTR_CONNECTION_MS_POWER_CHANGE - Reserved for future use. - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_TESTMODE_B_ACK - Reserved for future use. - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_TESTMODE_S_SRB_INFO - Reserved for future use. - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_EXTENDED_DYNAMIC_ALLOCATION - Reserved for future use. - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_CONTROL_ACK_TYPE - Reserved for future use. - rscmwgs_ConfigureRouting - new scenario available, RF connectors added - rscmwgs_ConfigureBCCH - added band selection - rscmwgs_QueryMeasurementReports - query lowe and upper range - rscmwgs_QueryMeasurementReportsSub - query lowe and upper range - rscmwgs_ConfigureNetworkRequested Mobile Data - control Classmark Request is now reserved for future use - rscmwgs_ConfigureNetworkCellCircuitSwitched - function is now reserved for future use - rscmwgs_ConfigureNetworkCellPacketSwitched - controls Signal Level Filter Period, BEP Period, PC Meas Channel are now reserved for future use - rscmwgs_ConfigureNetworkTimersAndConstants -control Radiolink Timeout BS State removed - rscmwgs_ConfigureConnectionCircuitSwitched - Loop added values A, B; Traffic Mode - added values FV2, HV1, ANFG, ANHG, controls Data Source, MS Power Change are now reserved for future use - RSCMWGS_ATTR_CONNECTION_TRAFFIC_MODE - RSCMWGS_ATTR_CONNECTION_LOOP - rscmwgs_ConfigureConnectionCircuitSwitchedVAMOS - additional TSC preferences added - rscmwgs_ConfigureConnectionPacketSwitchedService - controls Testmode B with UL ACK, Testmode S/SRB with Sys Info are now reserved for future use - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_BLER_POLLING_BLOCKS - command changed - rscmwgs_ConfigureConnectionPacketSwitchedSettings - controls Extended Dynamic Allocation, Control Ack Type are now reserved for future use - rscmwgs_ConfigureConnectionPacketSwitchedSlotConfigUplink - configuration of individual slots is possible - rscmwgs_ConfigureConnectionPacketSwitchedSlotConfigDownlink - configuration of individual slots is possible - rscmwgs_ConfigureConnectionPacketSwitchedFARN - command changed - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_FARN_DOWNLINK_EVENT_BASED - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_FARN_DOWNLINK_POLLED - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_FARN_UPLINK_MODE - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_FARN_UPLINK_TIMESHIFT - rscmwgs_ConfigureHandover - destination GSM 400 and GSM GT 800 removed - RSCMWGS_ATTR_HANDOVER_DESTINATION_BAND - rscmwgs_QueryHandoverBand - command changed - RSCMWGS_ATTR_HANDOVER_BAND - rscmwgs_ConfigureBERCircuitSwitchedStatisticalSettings - added measurement mode selection * Obsolete functions/attributes

rscmwgs driver for GSM Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- RSCMWGS_ATTR_CONNECTION_VAMOS_PROFILE - RSCMWGS_ATTR_CONNECTION_VAMOS_SUBCHANNEL_POWER_IMBALANCE_RATIO - RSCMWGS_ATTR_CONNECTION_VAMOS_SUBCHANNEL - RSCMWGS_ATTR_CONNECTION_VAMOS_TSC_SET - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_SCONFIG_DOWNLINK_CODING_SCHEME - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_SCONFIG_ENABLE_UPLINK0 - RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_SCONFIG_ENABLE_DOWNLINK -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_SCONFIG_LEVEL_DOWNLINK -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_SCONFIG_GAMMA_UPLINK -rscmwgs_ConfigureConnectionPacketSwitchedMissingBlockRate -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_MISSING_BLOCK_RATE_DOWNLINK -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_MISSING_BLOCK_RATE_UPLINK -rscmwgs_ConfigureBand -RSCMWGS_ATTR_BAND -rscmwgs_ConfigureConnectionPacketSwitchedDownlink -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_TBF_START_TIME -RSCMWGS_ATTR_CONNECTION_PACKET_SWITCHED_CODING_SCHEME_DOWNLINK -rscmwgs_ConfigureConnectionPacketSwitchedUplink -rscmwgs_ConfigureConnectionCircuitSwitchedAMRFRate -rscmwgs_ConfigureConnectionCircuitSwitchedAMRHRate
1.0.150	02/2010	Release for CMW firmware version 1.0.15 Initial revision

14 RScmwGPRF - General Purpose RF (4.0.200)

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
4.0.200	07/2022	* Support for CMW version 4.0.20 * Improved help for rscmwwlm_init(), rscmwwlm_InitWithOptions() * Optimized help texts for status codes * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * New: - rscmwgprf_SequencerListCreateNewEntries - rscmwgprf_ConfigureSequencerRestartMarkerDelay - rscmwgprf_ConfigureSequencerWaveformMarkerDelay * Modified: - rscmwgprf_ConfigurePwrMeasParameters - range checking at Measurement removed * Deleted: - rscmwgprf_SetAttributeViSession - rscmwgprf_GetAttributeViSession - rscmwgprf_CheckAttributeViInt32 - rscmwgprf_CheckAttributeViReal64 - rscmwgprf_CheckAttributeViString - rscmwgprf_CheckAttributeViBoolean - rscmwgprf_CheckAttributeViSession
3.7.300	04/2019	* Update for FW version 3.7.30 * New core 3.4.0 * New: - rscmwgprf_ConfigureGeneratorAllConnectors - rscmwgprf_QueryGeneratorARBProgressFileProcessing - Sequncer mode support - Pathloss measurement support * Modified: - rscmwgprf_ConfigureAnalyzerStandAloneScenario - added missing connectors - rscmwgprf_ConfigureAnalzyerMixerLevelOffset - changed range - rscmwgprf_ConfigurePwrMeasSingleParameterSet - changed ranges - rscmwgprf_ConfigureIQvsSlotMeasListRange - changed ranges - rscmwgprf_ConfigureIQvsSlotMeasFilter - added Nyquist filter
3.7.100	03/2018	* Update for FW version 3.7.10 * New: - rscmwgprf_QueryGeneratorARBMultisegmentCurrentSegmentNumber * Modified: - rscmwgprf_ConfigureGeneratorFrequencyLevel - Level default value changed
3.5.1110	03/2017	* New: - rscmwgprf_QueryPwrMeasPredefinedSetsCatalog - rscmwgprf_ConfigurePwrMeasListIndexCMWSAllConnectors - rscmwgprf_ConfigurePwrMeasListIndexCMWSConnectorMode - rscmwgprf_ConfigurePwrMeasPredefinedSet - rscmwgprf_SetVISATimeout - rscmwgprf_GetVISATimeout

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwgprf_ConfigureErrorChecking - rscmwgprf_WriteFromFileToInstrument - rscmwgprf_ReadToFileFromInstrument * Modified: - rscmwgprf_ConfigurePwrMeasTrigger
3.5.1000	08/2016	* Update for firmware version 3.5.90.xx * New: - rscmwgprf_ConfigureGeneratorARBTriggerSource - rscmwgprf_QueryGeneratorARBTriggerSourceCatalog - rscmwgprf_GeneratorARBClearUserDefinedMarker - rscmwgprf_ConfigureGeneratorListCMWSConnectorSet - rscmwgprf_ConfigurePwrMeasListIndexCMWSConnector - rscmwgprf_ConfigureIQRecorderMeasFormatWriteResultsToIQFile - rscmwgprf_ClearStatus - rscmwgprf_IDQueryResponse - rscmwgprf_ProcessAllPreviousCommands - rscmwgprf_QueryOPC - rscmwgprf_ConfigureGeneratorConnectors - rscmwgprf_ConfigureGeneratorListIndexCMWSUsage - rscmwgprf_QueryPowerSensorIDN
3.5.200	03/2016	* Update for firmware version 3.5.20.4 * New: - rscmwgprf_QueryGeneratorARBFilePath RSCMWGPRF_ATTR_ARB_GET_FILE_ABS_PATH * Modified: - rscmwgprf_ConfigureIQRecorderMeasParameters * Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.100	03/2015	* Update for firmware version 3.5.10.xx * Updated Instance range to 32 * Help improvements * Modified - rscmwgprf_ConfigureAnalyzerStandAloneScenario - rscmwgprf_ConfigureAnalyzerMeasureIQInScenario - rscmwgprf_QueryAnalyzerScenario - rscmwgprf_ConfigureGeneratorStandAloneScenario - rscmwgprf_ConfigureGeneratorIQOutScenario - rscmwgprf_QueryGeneratorSignalRouting
3.2.700	11/2014	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Update for firmware version 3.2.70.xx * Added - rscmwgprf_ConfigureGeneratorARBTriggerSlope * Modified - rscmwgprf_ConfigureSpectrumMeasurementFrequencyCenterSpan - Center range removed
3.2.400	04/2014	* Update for firmware version 3.2.400 - Update Instance range to 16
3.2.100	09/2013	* Update for firmware version 3.2.100 * Added - Spectrum Analyzer >> Marker - rscmwgprf_ConfigureAnalyzerFrequencyOffset - rscmwgprf_QueryGeneratorActiveListIndex

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwgprf_InitiateListCycling - rscmwgprf_ConfigurePwrMeasListTXIncrementTiming - rscmwgprf_ConfigurePwrMeasParameterPredefinedSet - rscmwgprf_QueryPwrMeasParameterPredefinedSetsCatalog - rscmwgprf_ConfigurePowerMeasTriggerTimeoutState - rscmwgprf_FetchPwrMeasParameterSampleSetParticular - rscmwgprf_ReadPwrMeasIQDataParticular - rscmwgprf_FetchPwrMeasIQDataParticular - rscmwgprf_FetchPwrMeasIQDataBinParticular - rscmwgprf_ConfigureSpectrumMeasTriggerTimeoutState - rscmwgprf_ConfigureIQvsSlotMeasTriggerTimeoutState - rscmwgprf_ConfigureIQRecorderMeasTriggerTimeoutState - rscmwgprf_ConfigureFFTMeasTriggerTimeoutState * Modified - rscmwgprf_ConfigureAnalyzerStandAloneScenario - Converter RX3, RX4 - rscmwgprf_QueryAnalyzerScenario - Converter RX3, RX4 - rscmwgprf_ConfigureGeneratorStandAloneScenario - Converter TX3, TX4 - rscmwgprf_ConfigureGeneratorIQOutScenario - Connector IQ6O, IQ8O - rscmwgprf_QueryGeneratorSignalRouting - Converter TX3, TX4, ITX1, ITX2 - rscmwgprf_ConfigureGeneratorList - Dwell Time max value - rscmwgprf_ConfigureGeneratorListIndexRepetition - Repetition max value - rscmwgprf_ConfigureGeneratorListSingleIndexRepetition - Max values - rscmwgprf_FillGeneratorList - Index Repetition max value - rscmwgprf_ConfigurePwrMeasSingleParameterSet - Offset default value - rscmwgprf_ConfigurePwrMeasListIndex - Index max value - rscmwgprf_ConfigurePwrMeasListRange - Max values - rscmwgprf_ConfigurePwrMeasListSingleIQDataEnable - Index max value - rscmwgprf_ConfigurePwrMeasListSingleIndexRepetition - Index max value - rscmwgprf_ConfigurePwrMeasListSingleRetrigger - Index max value - rscmwgprf_ConfigurePwrMeasListSingleParameterSet - Index max value - rscmwgprf_FetchPwrMeasParameterSampleSet - Index max value - rscmwgprf_ReadPwrMeasIQData - Index max value - rscmwgprf_FetchPwrMeasIQData - Index max value - rscmwgprf_FetchPwrMeasIQDataBin - Index max value - rscmwgprf_ConfigureSpectrumMeasurementFrequencyStartStop - Start/Stop ranges
3.0.200	01/2013	Modifications: * Update for firmware version 3.0.12.xx * Added - rscmwgprf_ReadPwrMeasIQData - rscmwgprf_ConfigurePwrMeasTriggerTXIncrementTiming * Modified - rscmwgprf_QueryGeneratorReliability - redesigned to provide more information - rscmwgprf_FetchPwrMeasIQData - changed maximum index - rscmwgprf_FetchPwrMeasParameterSampleSet - added new result * Removed - RSCMWGPRF_ATTR_GENERATOR_RELIABILITY
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.12.xx * Added - Spectrum Analyzer - Digital I/Q Settings - rscmwgprf_ConfigureAnalyzerMeasureIQInScenario - rscmwgprf_ConfigureGeneratorIQOutScenario

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwgprf_QueryGeneratorReliability - rscmwgprf_ConfigureGeneratorARBTriggerDelay - rscmwgprf_ConfigureGeneratorARBFileSamplesSubrange - rscmwgprf_QueryGeneratorARBFileOption - rscmwgprf_FillGeneratorList - rscmwgprf_ReadPwrMeasListMode - rscmwgprf_FetchPwrMeasListMode - rscmwgprf_PowerMeasurementErrorCodesListMode - rscmwgprf_ReadPwrMeasStandardDeviationListMode - rscmwgprf_FetchPwrMeasStandardDeviationListMode - rscmwgprf_ConfigureIQRecorderMeasFormat - rscmwgprf_ConfigureIQRecorderMeasSampleRate - rscmwgprf_SetTimeout - rscmwgprf_GetTimeout - rscmwgprf_SetCheckStatus * Modified - rscmwgprf_WriteInstrData
2.1.250	12/2011	Release for CMW firmware version 2.0.25.xx * Added - rscmwgprf_ConfigureIQRecorderMeasMagnitudeUnit - rscmwgprf_ConfigurePwrMeasSingleParameterSet - rscmwgprf_ConfigurePwrMeasParameterSet - rscmwgprf_ConfigurePwrMeaasParameterBandwidth - rscmwgprf_ConfigurePwrMeasListIQDataCapture - rscmwgprf_ConfigurePwrMeasListMagnitudeUnit - rscmwgprf_ConfigurePwrMeasListSingleIQDataEnable - rscmwgprf_ConfigurePwrMeasListIQDataEnable - rscmwgprf_ConfigurePwrMeasParameterSetMode - rscmwgprf_ConfigurePwrMeasListSingleParameterSet - rscmwgprf_ConfigurePwrMeasListParameterSet - rscmwgprf_FetchPwrMeasParameterSampleSet - rscmwgprf_FetchPwrMeasIQData - rscmwgprf_FetchPwrMeasIQDataBin - rscmwgprf_ConfigureIQRecorderMeasMagnitudeUnit - RSCMWGPRF_ATTR_POWER_MEASUREMENT_LIST_IQ_DATA_CAPTURE - RSCMWGPRF_ATTR_POWER_MEASUREMENT_LIST_MAGNITUDE_UNIT - RSCMWGPRF_ATTR_POWER_MEASUREMENT_PARAMETER_SET_MODE - RSCMWGPRF_ATTR_IQ_RECORDER_MEASUREMENT_MAGNITUDE_UNIT
2.0.110	04/2011	Release for CMW firmware version 2.0.11.xx Added - rscmwgprf_ConfigureGeneratorStandAloneScenario - rscmwgprf_QueryGeneratorSignalRouting - rscmwgprf_ConfigureGeneratorExternalAttenuation - rscmwgprf_ConfigureGeneratorListIndexRepetition - rscmwgprf_QueryGeneratorListIndexRepetition - rscmwgprf_ConfigureGeneratorListSingleIndexRepetition - rscmwgprf_QueryGeneratorListSingleIndexRepetition - rscmwgprf_ConfigureGeneratorListIndexReenable - rscmwgprf_QueryGeneratorListIndexReenable - rscmwgprf_ConfigureGeneratorListSingleIndexReenable - rscmwgprf_QueryGeneratorListSingleIndexReenable - rscmwgprf_ConfigurePwrSensorMeasTimeout

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwgprf_ConfigurePwrMeasListSingleIndexRepetition - rscmwgprf_ConfigurePwrMeasListIndexRepetition - rscmwgprf_ConfigurePwrMeasListSingleRetrigger - rscmwgprf_ConfigurePwrMeasListRetrigger - rscmwgprf_ConfigureIQvsSlotMeasTriggerMode - rscmwgprf_ConfigureIQvsSlotMeasSingleIndexRetrigger - rscmwgprf_ConfigureIQvsSlotMeasRetrigger - rscmwgprf_ConfigureIQvsSlotMeasTimeout - rscmwgprf_ConfigureIQRecorderMeasTimeout - rscmwgprf_ConfigureFFTMeasTimeout * Modified - rscmwgprf_ConfigureAnalyzerStandAloneScenario * Removed - rscmwgprf_ConfigureAnalyzerScenario - rscmwgprf_ConfigureGeneratorSignalRouting
1.0.152	06/2010	Release for CMW firmware version 1.0.15.20 Added functions/attributes - rscmwgprf_QueryAnalyzerCombinedSignalPathScenarioCatalog - rscmwgprf_QueryAnalyzerScenario - rscmwgprf_QueryGeneratorARBMultisegmentNextSegment - rscmwgprf_QueryGeneratorARBFileVersion - rscmwgprf_QueryGeneratorARBMultisegmentClockRate - rscmwgprf_QueryGeneratorARBMultisegmentDuration - rscmwgprf_QueryGeneratorARBMultisegmentName - rscmwgprf_QueryGeneratorARBMultisegmentNumber - rscmwgprf_QueryGeneratorARBMultisegmentPeakToAverageRatio - rscmwgprf_QueryGeneratorARBMultisegmentPeakOffset - rscmwgprf_QueryGeneratorARBMultisegmentSamples - rscmwgprf_RestartListGenerator - rscmwgprf_ConfigurePwrMeasListIndex - rscmwgprf_FetchIQRecorderMeasReliability - RSCMWGPRF_ATTR_ARB_SEGMENT_NEXT - RSCMWGPRF_ATTR_ARB_FILE_VERSION - RSCMWGPRF_ATTR_ARB_MULTISEGMENT_CLOCK_RATE - RSCMWGPRF_ATTR_ARB_MULTISEGMENT_DURATION - RSCMWGPRF_ATTR_LIST_MODE_RESTART Changed functions/attributes - rscmwgprf_ConfigureAnalyzerStandAloneScenario - rscmwgprf_ConfigureAnalyzerCombinedSignalPathScenario - rscmwgprf_ConfigureAnalyzerMeasureProtocolScenario - rscmwgprf_ConfigurePwrMeasList - rscmwgprf_ConfigureFFTMeasPeakSearch - buffer size increased - RSCMWGPRF_ATTR_ANALYZER_COMBINED_SIGNAL_PATH_SCENARIO - RSCMWGPRF_ATTR_MEASURE_PROTOCOL_SCENARIO
1.0.150	12/2000	Release for CMW firmware version 1.0.15 Removed functions - rscmwgprf_ConfigureSignalRouting Added functions/attributes - rscmwgprf_ConfigureAnalyzerExternalAttenuation - rscmwgprf_ConfigureAnalyzerScenario - rscmwgprf_ConfigureAnalyzerStandAloneScenario

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwgprf_ConfigureAnalyzerCombinedSignalPathScenario - rscmwgprf_ConfigureAnalzyerMixerLevelOffset - rscmwgprf_ConfigureGeneratorARBAditionalSamples - rscmwgprf_ConfigureGeneratorARBMarkerDelay - rscmwgprf_ConfigureGeneratorARBUserDefinedMarker - rscmwgprf_QueryGeneratorARBMultisegmentCurrentSegment - RSCMWGPRF_ATTR_ANALYZER_COMBINED_SIGNAL_PATH_SCENARIO - RSCMWGPRF_ATTR_ANALYZER_MIXER_LEVEL_OFFSET - RSCMWGPRF_ATTR_ARB_ADDITIONAL_SAMPLES
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Removed attributes - RSCMWGPRF_ATTR_LIST_MODE - RSCMWGPRF_ATTR_LIST_MODE_CURRENT_INDEX * Removed functions - rscmwgprf_ConfigureGeneratorListMode - rscmwgprf_ConfigureGeneratorListCurrentStep Added functions/attributes - rscmwgprf_ConfigureGeneratorDigitalGain - ARB - rscmwgprf_ConfigureGeneratorListStartPosition - rscmwgprf_ConfigureGeneratorListStatistics - rscmwgprf_ConfigureGeneratorListStepping - rscmwgprf_QueryGeneratorIncrementModeCatalog - rscmwgprf_QueryGeneratorIncrementInitialTriggerModeCatalog - rscmwgprf_QueryPwrMeasTriggerSourceCatalog - rscmwgprf_PwrMeasErrorCodes - rscmwgprf_QueryIQvsSlotMeasTriggerSourceCatalog - rscmwgprf_QueryIQvsSlotMeasTriggerSourceCatalog - rscmwgprf_ConfigureIQRecorderMeasRatio - rscmwgprf_ConfigureIQRecorderMeasList - rscmwgprf_QueryIQRecorderMeasurementListLength - rscmwgprf_ConfigureIQRecorderMeasListRange - rscmwgprf_ConfigureFFTMeasPeakSearchMarkers - rscmwgprf_IQvsSlotMeasOverallFrequencyErrorErroCodes - RSCMWGPRF_ATTR_FFT_MEASUREMENT_PEAK_SEARCH_MARKERS - RSCMWGPRF_ATTR_ANALYZER_SCENARIO - rscmwgprf_ConfigureAnalyzerScenario Modified functions/attributes - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_SOURCE - changed command, changed data type - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_SLOPE - changed command - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_THRESHOLD - changed command - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_OFFSET - changed command - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_TIMEOUT - changed command - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_MODE - changed command - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_GAP - changed command - RSCMWGPRF_ATTR_IQ_VS_SLOT_MEASUREMENT_TRIGGER_SOURCE - changed command - RSCMWGPRF_ATTR_IQ_VS_SLOT_MEASUREMENT_TRIGGER_SLOPE - changed command - RSCMWGPRF_ATTR_IQ_VS_SLOT_MEASUREMENT_TRIGGER_THRESHOLD - changed command

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- RSCMWGPRF_ATTR_IQ_VS_SLOT_MEASUREMENT_TRIGGER_OFFSET - changed command - RSCMWGPRF_ATTR_IQ_VS_SLOT_MEASUREMENT_TRIGGER_TIMEOUT - changed command - RSCMWGPRF_ATTR_IQ_VS_SLOT_MEASUREMENT_TRIGGER_GAP - changed command - rscmwgprf_ConfigureIQvsSlotMeasTrigger - changed API - rscmwgprf_ConfigurePwrMeasTrigger - changed API - rscmwgprf_ConfigureIQvsSlotMeasList - fixed maximum list length
1.0.50	12/2008	Release for CMW firmware version 1.0.53 New Features - FFT Spectrum Analyzer
1.0.41	09/2008	Release for CMW firmware version 1.0.4 Modified: - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwgprf_RsClose function - Modified rcmwgprf_atof
1.0.40	07/2008	Release for CMW firmware version 1.0.4 Modified: - Modified functions/attributes: - rscmwgprf_ConfigureGeneratorListMode - removed Dwell Time, added new mode - RSCMWGPRF_ATTR_LIST_MODE - added new mode - rscmwgprf_ConfigureGeneratorList - completly redesigned - rscmwgprf_FetchPwrMeasStandardDeviation, rscmwgprf_ReadPwrMeasStandardDeviation, rscmwgprf_FetchPwrMeas, rscmwgprf_ReadPwrMeas, rscmwgprf_FetchPwrSensor, rscmwgprf_ReadPwrSensor - redesigned for better safety - New functions/attributes: - RSCMWGPRF_ATTR_LIST_MODE_SINGLE_CYCLE - rscmwgprf_InitiateListSingleCycle - RSCMWGPRF_ATTR_POWER_MEASUREMENT_TRIGGER_GAP - rscmwgprf_ConfigurePwrMeasTriggerGap - IQ vs Slot measurement subsystem
1.0.3	04/2008	Release for CMW firmware version 1.0.3 - Fixed help - mistypes and incorrect ranges - Removed functions/attributes: - rscmwgprf_QueryGeneratorStatus - RSCMWGPRF_ATTR_LIST_MODE_DWELL_TIME - Modified functions/attributes: - rscmwgprf_ConfigureGeneratorListMode - removed Dwell Time, added new mode - RSCMWGPRF_ATTR_LIST_MODE - added new mode - rscmwgprf_ConfigureGeneratorList - completly redesigned - rscmwgprf_FetchPwrMeasStandardDeviation, rscmwgprf_ReadPwrMeasStandardDeviation, rscmwgprf_FetchPwrMeas, rscmwgprf_ReadPwrMeas, rscmwgprf_FetchPwrSensor,

rscmwgprf driver for GPRF		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		rscmwgprf_ReadPwrSensor - redesigned for better safety - New functions/attributes: - RSCMWGPRF_ATTR_LIST_MODE_START_INDEX - RSCMWGPRF_ATTR_LIST_MODE_STOP_INDEX - RSCMWGPRF_ATTR_SET_LIST_STEP_DWELL_TIME - RSCMWGPRF_ATTR_GET_LIST_STEP_DWELL_TIME - RSCMWGPRF_ATTR_SET_LIST_STEP_MODULATION - RSCMWGPRF_ATTR_GET_LIST_STEP_MODULATION
1.0.2	02/2008	- Updated functions: - rscmwgprf_ConfigureGeneratorList ... List Length range changed to 0 to 1999 - rscmwgprf_ConfigureGeneratorListCurrentStep ... current index range changed - rscmwgprf_ConfigureGeneratorListRange .. help updated, range 0 to 1999 - rscmwgprf_ConfigurePwrMeasFilter ... TDSC filter added - rscmwgprf_ConfigurePwrMeasList ... expNomPower range changed - rscmwgprf_ConfigurePwrMeasParameters ... default values changed to ms instead of us - rscmwgprf_ConfigureAnalyzer ... center frequency range changed - rscmwgprf_FetchPwrMeas ... bug in help fixed, PEAK:MAX, PEAK:MIN is read, not MIN:MIN and MAX:MAX - New functions: - rscmwgprf_ConfigurePwrSensorResolution
1.0	10/2007	Initial release

15 RScmwLM - LTE Measurement (4.0.200)

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
4.0.200	07/2022	* Update for firmware version 4.0.20 * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * Improved help for rscmwlm_init(), rscmwlm_InitWithOptions() * Optimized help texts for status codes * New: - rscmwlm_ConfigureMultiEvaluationMeasurementeMTCMaximumBandwidth - rscmwlm_ConfigureListSegmentPLCIDMode - rscmwlm_ConfigureListSegmentPLCID - rscmwlm_FetchMultiEvaluationListModeTotalTXPowerSCC - rscmwlm_ConfigureMultiEvaluationMeasurementTriggerIFPowerNarrowband * Updated: - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMRequirementsChannel - Channel Bandwidth 1 range updated - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaChannel - Channel Bandwidth 1 range updated - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationOBWChannel - Channel Bandwidth 1 range updated - rscmwlm_ConfigureListSegment - Retrigger Flag and Network Signaled Value ranges updated - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValue - range extended, FP's parameter changed from ring to input * Deleted: - rscmwlm_ReadInstrData - rscmwlm_SetAttributeViSession - rscmwlm_GetAttributeViSession - rscmwlm_CheckAttributeViInt32 - rscmwlm_CheckAttributeViReal64 - rscmwlm_CheckAttributeViString - rscmwlm_CheckAttributeViBoolean
3.7.700	06/2019	* Update for firmware version 3.7.70 * New core 3.6.0 * New: - rscmwlm_QueryMultiEvaluationSpectrumEmissionRBW * Updated: - rscmwlm_ConfigureListSegment - control 'Channel Type' fixed
3.7.550	05/2019	* Update for firmware version 3.7.55 * New core 3.4.0 * New functions/attributes - rscmwlm_ConfigureMeasurementSignalType - rscmwlm_QueryMultiEvaluationMeasurementCarrierAggregationModeCSP - rscmwlm_QueryMultiEvaluationMeasurementCarrierAggregationMapping - rscmwlm_QueryMultiEvaluationMeasurementCarrierAggregationMappingPCC - rscmwlm_QueryMultiEvaluationMeasurementCarrierAggregationMappingSCC - rscmwlm_AdjustMultiEvaluationMeasurementCarrierAggregation

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwlm_QueryMultiEvaluationMeasurementInstanceAndCarrierSameCMW - rscmwlm_ConfigureMultiEvaluationMeasurementOffsetRB - rscmwlm_ConfigureMultiEvaluationMeasurementRBAllocationNRBPSCCH - rscmwlm_ConfigureMultiEvaluationMeasurementRBAllocationNRBPSSCH - rscmwlm_ConfigureMultiEvaluationMeasurementRBAllocationOffsetPSCCH - rscmwlm_ConfigureMultiEvaluationMeasurementRBAllocationOffsetPSSCH - rscmwlm_ConfigureMultiEvaluationMeasurementSidelinkChannelType - rscmwlm_ConfigureMultiEvalMeasurementModulationEqualizer - rscmwlm_ConfigureListSegmentResourceBlockAllocationSidelink - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskRequirementsSidelink - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskAdditionalTolerance - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationACLRChannel3Carriers - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationOBWChannel3Carriers - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaChannel3Carriers - rscmwlm_ReadMultiEvaluationMeasSpectrumFlatnessTracePhase - rscmwlm_FetchMultiEvaluationMeasSpectrumFlatnessTracePhase - rscmwlm_ReadMultiEvaluationMeasPowerMonitorSingleResultsSCC - rscmwlm_FetchMultiEvaluationMeasPowerMonitorSingleResultsSCC - rscmwlm_FetchMultiEvaluationMeasListModeSidelinkChannelType - rscmwlm_FetchMultiEvaluationListModeAllSegmentsSidelinkChannelType - rscmwlm_FetchMultiEvaluationMeasSidelinkChannelType - rscmwlm_ConfigureAutoSystemErrQuery - rscmwlm_ConfigureMultiThreadLocking - rscmwlm_GetAttributeRepCapName * Updated functions: - rscmwlm_ConfigureMultiEvaluationMeasurementCarrierAggregationMode - ICD, ICE added - rscmwlm_QueryMultiEvaluationMeasurementCarrierAggregationModeCSP - ring values changed - rscmwlm_ConfigureMultiEvaluationMeasurementCarrierAggregationSCC - command changed from SCC to CC - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValue - NS 33 added - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValueCarrierAggregation - NS 33 added - rscmwlm_ConfigureMultiEvaluationMeasurementSCCPLCID - API changed, command changed from SCC to CC - rscmwlm_ConfigureMultiEvaluationMeasurementModulation - Q256 added - rscmwlm_ConfigureListSegment - NS33, PSSCH, PSCCH added - rscmwlm_ConfigureListSegmentSCC - SCC to CC - rscmwlm_ConfigureListSegmentComponentCarrier - command and values changed - rscmwlm_ConfigureListSegmentModulation - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsEVM - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsMagnitudeError - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsPhaseError - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsCarrierFrequencyError - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsIQOffset - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsInbandEmission - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsInbandEmissionIQOffset - Q256 added - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskArea - help changed - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskRequirements - help changed - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaChannel - help changed - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaCombination - help changed - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMRequirementsChannel - frequencies range		

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMRequirementsCombination - frequencies range - rscmwlm_ReadMultiEvaluationMeasInbandEmissionTraceSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasInbandEmissionTraceSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasInbandEmissionSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasInbandEmissionExtremeSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasInbandEmissionRBIndexSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasInbandEmissionRBIndexExtremeSCC - command changed from SCC to CC - rscmwlm_ReadMultiEvaluationMeasRBAllocationTableSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasRBAllocationTableSCC - command changed from SCC to CC - rscmwlm_ReadMultiEvaluationMeasPowerMonitorSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasPowerMonitorSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasListModeDetectedModulationScheme - Q256 added - rscmwlm_FetchMultiEvaluationListModeAllSegmentsDetectedModulation - Q256 added - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionMarginSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionMarginExtremeSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionRBIndexSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionRBIndexExtremeSCC - command changed from SCC to CC - rscmwlm_FetchMultiEvaluationMeasDetectedModulationScheme - Q256 added
3.7.100	01/2018	* Update for firmware version 3.7.10 * New functions/attributes - rscmwlm_ConfigureAnalyzereMTC - rscmwlm_ConfigureMultiEvaluationMeasurementLOLocation - rscmwlm_ConfigureMultiEvaluationMeasurementRBAllocationNarrowband - rscmwlm_ConfigureListSegmenteMTCNarrowband * Updated functions: - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskRequirements - Table, Resolution Bandwidth updated - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValue - Network Signaled Value updated - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValueCarrierAggregation - Network Signaled Value updated - rscmwlm_ConfigureListSegment - Network Signaled Value updated - rscmwlm_ConfigurePRACHPreamblesNumbers - maximum increased - rscmwlm_ReadMultiEvaluationSpectrumEmissionTraces - Resolution Bandwidth updated - rscmwlm_FetchMultiEvaluationSpectrumEmissionTraces - Resolution Bandwidth updated - rscmwlm_ReadPRACHModulationPreambleResult - Number Of Preamble max increased - rscmwlm_FetchPRACHModulationPreambleResult - Number Of Preamble max increased - rscmwlm_FetchPRACHMultiPreambleFrequencyOffset - Number Of Preamble max increased - rscmwlm_FetchPRACHMultiPreambleSequenceIndex - Number Of Preamble max increased - rscmwlm_FetchPRACHMultiPreambleSequenceCorrelation - Number Of Preamble max increased
3.5.510	03/2017	* Update for firmware version 3.5.51 * New functions/attributes - rscmwlm_ConfigureMultiEvaluationMeasurementRBAllocationMulticluster - rscmwlm_ConfigureListSegmentPower

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwlm_FetchMultiEvaluationListModeAllSegmentsTotalTXPower - rscmwlm_QueryMultiEvaluationListModeAllSegmentsTotalTXPowerLimitCheck - rscmwlm_FetchMultiEvaluationListModeTotalTXPower - rscmwlm_QueryMultiEvaluationListModeTotalTXPowerLimitCheck * Updated functions: - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationACLRChannel - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationOBWChannel - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaChannel - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMRequirementsChannel
3.5.400	11/2016	* New functions: - rscmwlm_ConfigureMultiEvaluationMeasurementMeasureSlot - rscmwlm_ConfigureMultiEvaluationMeasurementEVMvsSymbol - rscmwlm_ConfigureListSegmentSCC - rscmwlm_ConfigureListSegmentComponentCarrier - rscmwlm_AdjustListSegmentSCCFrequency - rscmwlm_ReadMultiEvaluationMeasEVMPeak - rscmwlm_FetchMultiEvaluationMeasEVMPeak - rscmwlm_ReadMultiEvaluationMeasEVMVsModulationSymbol - rscmwlm_FetchMultiEvaluationMeasEVMVsModulationSymbol - rscmwlm_ReadMultiEvaluationMeasPowerMonitorSingleResults - rscmwlm_FetchMultiEvaluationMeasPowerMonitorSingleResults - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionMarginSCC - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionMarginExtremeSCC - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionRBIndexSCC - rscmwlm_FetchMultiEvaluationMeasListModeInbandEmissionRBIndexExtremeSCC - rscmwlm_ClearStatus - rscmwlm_IDQueryResponse - rscmwlm_ProcessAllPreviousCommands - rscmwlm_QueryOPC - rscmwlm_SetVISATimeout - rscmwlm_GetVISATimeout - rscmwlm_SetFastSweepMode * Updated functions: - rscmwlm_ConfigureAnalyzerStandAloneScenario - new values - rscmwlm_ConfigureAnalyzer - band range - rscmwlm_QuerySignalRouting - new values - rscmwlm_QueryMultiEvaluationMeasurementCarrierAggregationAggregated - ranges changed - rscmwlm_ConfigureListSegment - Band range - rscmwlm_ReadMultiEvaluationMeasModulation - New values - rscmwlm_FetchMultiEvaluationMeasModulation - New values - rscmwlm_QueryMultiEvaluationMeasModulationLimitCheckResults - New values - rscmwlm_ReadMultiEvaluationMeasModulationStandardDeviation - New values - rscmwlm_FetchMultiEvaluationMeasModulationStandardDeviation - New values - rscmwlm_QueryMultiEvaluationMeasModulationStandardDeviationLimitCheckResults - New values - rscmwlm_ReadMultiEvaluationMeasModulationExtreme - New values - rscmwlm_FetchMultiEvaluationMeasModulationExtreme - New values - rscmwlm_QueryMultiEvaluationMeasModulationExtremeLimitCheckResults - New values - rscmwlm_InitWithOptions - deletes the previously initiated valid session data * Deleted functions - rscmwlm_ConfigureAnalyzerScenario
3.5.211	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.210	11/2015	* New functions: - rscmwlm_ConfigureMultiEvaluationMeasurementSCCPLCID * Updated functions: - rscmwlm_ConfigureMultiEvaluationMeasurementCarrierAggregationCarrier - rscmwlm_ConfigurePRACHPreamblesNumbers - rscmwlm_ConfigurePRACHPreamblesPeriod - rscmwlm_ReadPRACHModulationPreambleResult - rscmwlm_FetchPRACHModulationPreambleResult - rscmwlm_FetchPRACHMultiPreambleFrequencyOffset - rscmwlm_FetchPRACHMultiPreambleSequenceIndex - rscmwlm_FetchPRACHMultiPreambleSequenceCorrelation
3.5.100	04/2015	* New functions/attributes - rscmwlm_ConfigureAnalyzerScenarioCombinedSignalPath - rscmwlm_ConfigureListCMWSConnectorMode RSCMWLM_ATTR_LIST_MODE_CMWS_CONNECTOR_MODE - rscmwlm_ConfigureListCMWSConnector RSCMWLM_ATTR_LIST_MODE_CMWS_INPUT_CONNECTOR - rscmwlm_ConfigureMultiEvaluationMeasurementCarrierAgregationLOLocation RSCMWLM_ATTR_MULTI_EVAL_MEASUREMENT_CARRIER_AGREGATION_LO_LOCATION - rscmwlm_ConfigurePRACHPreamblesPeriod RSCMWLM_ATTR_PRACH_MEASUREMENT_PREAMBLES_PERIOD - rscmwlm_ConfigureMultiEvaluationMeasTrigger RSCMWLM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_DELAY_R64 * Deprecated functions - rscmwlm_ConfigureAnalyzerCombinedSignalPathScenario - rscmwlm_ConfigureMultiEvaluationMeasurementTrigger
3.2.820	10/2014	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Update for firmware version 3.2.82 * New functions/attributes - rscmwlm_ReadMultiEvaluationMeasModulationEVMSubcarrierTrace - rscmwlm_FetchMultiEvaluationMeasModulationEVMSubcarrierTrace - rscmwlm_ReadMultiEvaluationMeasModulationEVMSubcarrierTraceStandardDeviation - rscmwlm_FetchMultiEvaluationMeasModulationEVMSubcarrierTraceStandardDeviation * Updated functions - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValue - rscmwlm_ConfigureListSegment - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskArea - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskRequirements - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaChannel - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMAreaCombination - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMRequirementsChannel - rscmwlm_ConfigureMultiEvaluationLimitsCarrierAggregationSEMRequirementsCombination - rscmwlm_FetchMultiEvaluationSpectrumEmissionMargin - rscmwlm_FetchMultiEvaluationMeasListModeSpectrumEmissionMargin - rscmwlm_FetchMultiEvaluationListModeSpectrumEmissionMarginPositions
3.2.700	04/2014	* Update for firmware version 3.2.700 * New subsystems - Carrier Aggregation - Power

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- Inband Emission SCC - RB Allocation Table SCC - Power Monitor SCC * New functions/attributes - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValueCarrierAgregation * Updated functions - rscmwlm_ConfigureAnalyzerStandAloneScenario - RX3, RX 4 - rscmwlm_QuerySignalRouting - RX3, RX 4 - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValue - NS17 - 20 - rscmwlm_ConfigureListSegment - Changed API - Modulation results functions - added Gain Imbalance and Quadrature result
3.2.100	08/2013	* Update for firmware version 3.2.10.x * New - rscmwlm_ConfigureFrequencyOffset * Modified - rscmwlm_ConfigureAnalyzer - operating band range changed to 44 - rscmwlm_FetchMultiEvaluationListModePowerMonitorOffset.vi - changed maximum number of segments - rscmwlm_ConfigureListRange - number of measured segments increased to 1000
3.0.300	01/2013	Modifications: * New - rscmwlm_FetchMultiEvaluationMeasViewFilterThroughput
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * New: - rscmwgs_ConfigureBCCHandTCHPDCHScenario - rscmwgs_ConfigureBCCHLevel - rscmwgs_QueryEvenetLogLastEntry - rscmwgs_QueryEvenetLogAllEntries - rscmwgs_ConfigureConnectionCircuitSwitchedAMRNarrowBand8PSKHalfRate - rscmwgs_ConfigureConnectionCircuitSwitchedAMRWideBand8PSKFullRate - rscmwgs_ConfigureConnectionCircuitSwitchedAMRWideBand8PSKHalfRate - rscmwgs_ConfigureConnectionCircuitSwitchedAMR8PSKCodecModeDownlink - rscmwgs_ConfigureConnectionCircuitSwitchedAMR8PSKCodecModeUplink - rscmwgs_QueryConnectionCircuitSwitchedAMR8PSKMSCodecMode - rscmwgs_ConfigureConnectionCircuitSwitchedHalfRateSubchannel * Updated functions: - rscmwgs_ConfigureExternalAttenuation - Added "Output2" and "BCCH" - rscmwgs_ConfigureConnectionCircuitSwitched - Added "Data Source" support - rscmwgs_ConfigureConnectionPacketSwitchedSettings - Added Control "Ack Type" support - rscmwgs_ConfigureRouting - added RX3, RX4, TX3, TX4 connector - RSCMWGS_ATTR_NETWORK_CELL_BS_AG_BLKS_RES - range upper limit changed from 7 to 2
2.1.200	07/2011	Release for CMW firmware version 2.1.20.x * New features - EVM vs Preamble - Power vs Preamble * New functions/attributes - rscmwlm_ConfigureMultiEvaluationMeasurementMode - RSCMWLM_ATTR_MULTI_EVAL_MEASUREMENT_MODE - rscmwlm_ConfigurePRACHPreamblesNumbers - RSCMWLM_ATTR_PRACH_MEASUREMENT_PREAMBLES_NUMBER - rscmwlm_ReadPRACHEVMvsPreambleTrace

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwlm_FetchPRACHEVMvsPreambleTrace - rscmwlm_ReadPRACHPowervsPreambleTrace - rscmwlm_FetchPRACHPowervsPreambleTrace - rscmwlm_ReadPRACHModulationPreambleResult - rscmwlm_FetchPRACHModulationPreambleResult - rscmwlm_FetchPRACHMultiPreambleFrequencyOffset - rscmwlm_FetchPRACHMultiPreambleSequenceIndex - rscmwlm_FetchPRACHMultiPreambleSequenceCorrelation * Updated functions - rscmwlm_ConfigurePRACHResults - rscmwlm_ConfigurePRACHResultsAll
2.1.100	07/2011	Release for CMW firmware version 2.1.10.xx * New - Power Monitor in list mode - SRS Measurement - rscmwlm_ConfigureMultiEvaluationMeasurementStatisticsCount - rscmwlm_ConfigureMultiEvaluationMeasurementGroupHopping - rscmwlm_ConfigureMultiEvaluationMeasurementNetworkValue - rscmwlm_ConfigureMultiEvaluationMeasurementExclusionPeriods - rscmwlm_ConfigureListSegmentPowerMonitor - rscmwlm_ConfigureMultiEvaluationLimitsSpectrumEmissionMaskRequirements - rscmwlm_QueryMultiEvaluationMeasEqualizerSpectrumFlatnessLimitCheck - rscmwlm_QueryMultiEvaluationEqualizerMeasSpectrumFlatnessExtremeLimitCheck - rscmwlm_QueryMultiEvaluationMeasLimitCheckListModeACLR - rscmwlm_QueryMultiEvaluationMeasListModeModulationLimitCheck - rscmwlm_QueryMultiEvaluationMeasListModeModulationExtremeLimitCheck - rscmwlm_QueryMultiEvaluationMeasListModeEqualizerSpectrumFlatnessLimitCheck - rscmwlm_QueryMultiEvaluationMeasListModeEqualizerSpectrumFlatnessExtreme * Updated - rscmwlm_FetchMultiEvaluationDetectedAllocation - added selection of result type - rscmwlm_FetchMultiEvaluationDetectedChannelType - added selection of result type * Deleted - rscmwlm_ConfigurePRACHModulationEVMWindowLength
2.0.110	01/2011	Release for CMW firmware version 2.0.11.xx * New features - PRACH Measurement - Power Dynamigcs Measurement (part of Multi Evaluation Measurement) * New functions/attributes - RSCMWLM_ATTR_MEASUREMENT_CHANNEL_BANDWIDTH - RSCMWLM_ATTR_MEASUREMENT_DUPLEX_MODE * Modified functions/attributes - RSCMWLM_ATTR_MULTI_EVAL_MEASUREMENT_RESULT - added new results, changed SFL to ESFL - rscmwlm_ConfigureMultiEvaluationMeasurementResults - added new results - rscmwlm_ConfigureMultiEvaluationMeasurementResultsAll - added new results - rscmwlm_FetchMultiEvaluationMeasSpectrumFlatnessTrace, rscmwlm_FetchMultiEvaluationMeasSpectrumFlatnessTrace - changed command syntax * Obsolete functions/attributes - RSCMWLM_ATTR_MULTI_EVAL_MEASUREMENT_CHANNEL_BANDWIDTH - use RSCMWLM_ATTR_MEASUREMENT_CHANNEL_BANDWIDTH instead

rscmwlm driver for LTE Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- RSCMWLM_ATTR_MULTI_EVAL_MEASUREMENT_DUPLEX_MODE - use RSCMWLM_ATTR_MEASUREMENT_DUPLEX_MODE instead - rscmwlm_FetchMultiEvaluationMeasSpectrumFlatnessMargin
1.0.152	06/2010	Release for CMW firmware version 1.0.15.20 New features - Power Monitor results - RB Allocation Table results - New modulation measurement results New functions/attributes - rscmwlm_ConfigureMultiEvaluationMeasurementSpectrumEmissionMaskMeasFilter - rscmwlm_ConfigureMultiEvaluationMeasurementSubframe - rscmwlm_ConfigureMultiEvaluationMeasurementSubframeChannelType - rscmwlm_ConfigureAnalyzerMixerLevelOffset - rscmwlm_AnalyzerMeasureProtocolTestScenario - rscmwlm_ConfigureAnalyzerCombinedSignalPathScenario Obsolete functions - rscmwlm_ConfigureAnalyzerScenario
1.0.150	12/2009	Release for CMW firmware version 1.0.15 New functions/attributes - Limits Check Results - rscmwlm_ConfigureAnalyzerScenario - rscmwlm_ConfigureAnalyzerStandAloneScenario - rscmwlm_ConfigureAnalyzerExternalAttenuation - rscmwlm_ConfigureMultiEvaluationMeasurementPUCCH - rscmwlm_ConfigureMultiEvaluationMeasurementChannelType - rscmwlm_ConfigureMultiEvaluationMeasurementSpectrumACLR
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Initial revision

16 RScmwLS - LTE Signaling (4.0.200)

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
4.0.200	08/2022	* Support for CMW version 4.0.20 * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * Improved help for rscmwls_init(), rscmwls_InitWithOptions() * Optimized help texts for status codes * New: - rscmwls_ConfigureSPSIntervalUplink - rscmwls_CBSUserCodingScheme - rscmwls_CBSUserCodingMessage - rscmwls_CBSWarningArea - rscmwls_ConfigureNASCipheringAlgorithm - rscmwls_ConfigureConnectionSkipUITx - rscmwls_ConfigureeMTCCompactSchedulingSFPattern - rscmwls_ConfigureeMTCDLCompactSchedulingAAdditionalNB - rscmwls_ConfigureeMTCDLAutoModeAAdditionalNB - rscmwls_ConfigureeMTCUserDefinedChannelSFPattern - rscmwls_ConfigureeMTCDLUserDefinedChannelAAdditionalNB - rscmwls_ConfigureeMTCMaxBandwidth5MHz - rscmwls_ConfigureSignalRouting7CCnx2nx4nx4nx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx4nx4nx4nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx4nx4nx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx4nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx2nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx4nx4nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx4nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx4nx4nx4nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx4nx4nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx4nx4nx4nx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx4nx4nx4nx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx4nx4nx4nx4nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx4nx4nx4nx4nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx4nx4nx4nx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx4nx4nx4nx4nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx4nx4nx4nx4nx4nx4nx4nx4nx4Flexible * Updated: - rscmwls_CBSIDType - added Geo Fencing - rscmwls_CBSSource - added User Coded - rscmwls_ConfigureRMCDownlinkSettings - rings updated - Number Of Resource Blocks, Transport Block Size Index - rscmwls_ConfigureRMCUplinkSettings - rings updated - Number Of Resource Blocks, Transport Block Size Index - rscmwls_ConfigureRMCUplinkMultiClusterSettings - rings updated - Number Of RB Cluster 1, Number Of RB Cluster 2, Position Of RB Cluster 1, Position Of RB Cluster 2, Transport Block Size Index - rscmwls_ConfigureeMTCULAutoModeA - Resouce Blocks, Transport Block Size Index updated - rscmwls_ConfigureLTENeighborCellList - updated Band ring values, Entry range updated

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureRFSignalFrequency - updated Operating Band ring values - rscmwls_ConfigureRFSignalFrequencyBandwidth - Operating Band range updated - rscmwls_ConfigureRFSignalAdditionslFrequencyBands - Operating Band range updated - rscmwls_ConfigureUECapabilitiesRFBandsAll - Operating Band range updated - rscmwls_ConfigureHandoverPrepare - Operating Band range updated - rscmwls_ConfigureHandoverEnhanced - Operating Band range updated - rscmwls_ConfigureHandoverExternalPrepareLTE - Band range updated - rscmwls_QueryRFSignalRoutingSettings - Scenario range updated - rscmwls_QueryRFSignalRoutingSettingsExtended - Scenario range updated - rscmwls_QueryRFSignalRoutingActiveScenario - Scenario range updated - rscmwls_QueryInterFrequencyNeedForGaps - updated Array Size and Inter Frequency Need for Gaps - rscmwls_QueryInterFrequencyNeedForGapsV1020 - updated Array Size and Inter Frequency Need for Gaps - rscmwls_QueryUTRAFDDInterRATNeedForGaps - updated Array Size and Inter RAT Need for Gaps - rscmwls_QueryUTRAFDDInterRATNeedForGapsTDD - updated Array Size and Inter RAT Need for Gaps - rscmwls_QueryGERANInterRATNeedForGaps - updated Array Size and Inter RAT Need for Gaps - rscmwls_QueryGERANInterRATNeedForGapsV1020 - updated Inter RAT Need for Gaps - rscmwls_QueryCDMA2000HRPDInterRATNeedForGaps - updated Array Size and Inter RAT Need for Gaps - rscmwls_QueryCDMA20001xRTTInterRATNeedForGaps - updated Array Size and Inter RAT Need for Gaps - rscmwls_QueryRFParametersSupportedBandCombination - Results range updated - rscmwls_QueryRFParametersRequestedBands - Requested Bands range updated - rscmwls_ConfigureUECategory - SCPI commands updated, UE Category changed to ring - rscmwls_ConfigureSPSInterval - SCPI command updated * Deleted: - rscmwls_SetAttributeViSession - rscmwls_GetAttributeViSession - rscmwls_CheckAttributeViInt32 - rscmwls_CheckAttributeViReal64 - rscmwls_CheckAttributeViString - rscmwls_CheckAttributeViBoolean
3.7.700	08/2019	* Support for CMW version 3.7.70 * New core 3.6.1 * All SCC's range extended from 1 to 7 * New: - Capabilities Request (Class) - PUSCH Hopping (Class) - TBS Index Alt (Class) - rscmwls_ConfigureIntrabandContinuousUL - rscmwls_ConfigureSignalRouting5CCFadingnx2nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting5CCFadingnx4nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx2nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx2nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx2nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx2nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting5CCnx4nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx4nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx4nx4nx4nx4nx2Flexible

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureSignalRouting6CCnx1nx1nx1nx1nx1nx1Flexible - rscmwls_ConfigureSignalRouting6CCnx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx4nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx2nx4nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx4nx4nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx2nx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx4nx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx2nx4nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx4nx4nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx2nx4nx4nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx4nx4nx4nx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCnx2nx4nx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting6CCnx4nx4nx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting6CCFadingnx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCFadingnx4nx4nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting6CCFadingnx2nx4nx4nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx1nx1nx1nx1nx1nx1nx1Flexible - rscmwls_ConfigureSignalRouting7CCnx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx2nx4nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx4nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx2nx4nx4nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx4nx4nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx2nx4nx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx4nx4nx4nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx2nx4nx4nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx4nx4nx4nx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting7CCnx2nx4nx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting7CCFadingnx2nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCFadingnx4nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting7CCFadingnx2nx4nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCnx1nx1nx1nx1nx1nx1nx1nx1Flexible - rscmwls_ConfigureSignalRouting8CCnx2nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting8CCFadingnx2nx2nx2nx2nx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting3CCFadingnx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting3CCFadingnx2nx4nx4Flexible - rscmwls_ConfigureSignalRouting4CCnx2nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting4CCnx2nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting4CCnx2nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting4CCFadingnx4nx4nx4nx4Flexible - rscmwls_ConfigureRFSignalAdditionslFrequencyBands - rscmwls_ConfigureUEMeasurementAllowInterupt - rscmwls_QueryUECapabilitiesCEModeA - rscmwls_QueryUECapabilitiesCEModeB - rscmwls_QueryUECapabilitiesLAADownlink - rscmwls_QueryUECapabilitiesLAAEndingDwPTS - rscmwls_QueryUECapabilitiesLAASecondSlotStartingPosition - rscmwls_QueryUECapabilitiesLAATransmissionMode - rscmwls_QueryRFParametersSupportedBandCombinationQAMSupport - rscmwls_QueryRFParametersSupportedBandCombinationCSIProcesses - rscmwls_QueryRFParametersSupportedBandCombinationMultipleTimingAdvance - rscmwls_QueryRFParametersSupportedBandCombinationSimultaneousRxTx - rscmwls_QueryRFParametersSupportedBandCombinationDCSupportAsynchronous

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_QueryRFParametersSupportedBandCombinationDCSupportCellGrouping - rscmwls_QueryRFParametersSupportedBandCombinationDCSupporNAICS2CRSAP - rscmwls_QueryUEMeasRSSIAndChanelOccupancyReporting - rscmwls_ConfigureUplinkPowerMasterCC - rscmwls_ConfigurePhysicalCell256QAMULSupport - rscmwls_ConfigurePhysicallCellRARMCS - rscmwls_ConfigureNetworkTimeSendNetworkName - rscmwls_ConfigureConnectioneCallOverIMSSupport - rscmwls_ConfigureConnectionDownlinkDedicatedBearerRLCMode - rscmwls_QueryFWBCQIMCSTableCSIRSDeterminedSCCTableName - rscmwls_QueryUplinkMaximumThroughputCellAll - rscmwls_ConfigureConnectionUseQAM - rscmwls_ConfigureeMTCDLNBPosition - rscmwls_ConfigureeMTCULNBPosition - rscmwls_ConfigureConnectionROHCAdditional - rscmwls_ConfigureConnectionROHCUplinkOnlyEnabled - rscmwls_ConfigureConnectionIDCHardwareSharingInformation - rscmwls_QueryPUCCHActualFormatForCA - rscmwls_ConfigureULHARQDCI0PHICH - rscmwls_ConfigureeMTCRMCDLNBPosition - rscmwls_QueryCQIFollowWBAutomaticallyDeterminedMappingTableName - rscmwls_QueryCQIFollowWBMappingTableList - rscmwls_QueryCQIRIFollowWBAutomaticallyDeterminedMappingTableName - rscmwls_QueryCQIRIFollowWBSpecialSubframeAutomaticallyDetMappingTableName - rscmwls_QueryCQIRIFollowWBMappingTableList - rscmwls_QueryCQIPMIRIFollowWBAutomaticallyDeterminedMappingTableName - rscmwls_QueryCQIPMIRIFollowWBCSIRSAutomaticallyDeterminedMappingTableName - rscmwls_QueryCQIPMIRIFollowWBCSIRSMappingTableList - rscmwls_ConfigureeMTCDLAutoModeB - rscmwls_ConfigureeMTCULAutoModeB * Updated: - rscmwls_ConfigureRFSignalFrequency - new bands - rscmwls_ConfigureHandoverPrepare - Add spectrum control changed from enum to int - rscmwls_ConfigureHandoverEnhanced - Add spectrum control changed from enum to int - rscmwls_QueryUECapabilitiesUECategoryDL - Command changed - rscmwls_QueryUECapabilitiesUECategoryUL - Command changed - rscmwls_ConfigureConnectionSettings - Add Spec emm. control changed - rscmwls_ConfigureConnectionDLFBChannelContinuousFSubframes - QAM 1024 added - rscmwls_ConfigureConnectionDLFBChannelMultiClusterFSubframes - QAM 1024 added - rscmwls_ConfigureConnectionDLFBChannelContinuousPIPSubframes - QAM 1024 added - rscmwls_ConfigureConnectionDLFBChannelMultiClusterPIPSubframes - QAM 1024 added - rscmwls_ConfigureConnectionDLFBChannelContinuousPEPSubframes - QAM 1024 added - rscmwls_ConfigureConnectionDLFBChannelMultiClusterPEPSubframes - QAM 1024 added - rscmwls_QueryPUCCHActualFormatForCA - New formats - rscmwls_ConfigureULHARQDCI0PHICH - New values - rscmwls_ConfigureRMCDownlinkSettings - QAM 1024 added - rscmwls_ConfigureRMCUplinkSettings - QAM64 added - rscmwls_ConfigureRMCUplinkMultiClusterSettings - QPSK removed, Q64 added - rscmwls_ConfigureUserDefinedChannelDownlink - QAM 1024 added - rscmwls_ConfigureUserDefinedChannelMultiClusterDownlink - QAM 1024 added - rscmwls_ConfigureUserDefinedChannelUplink - QAM 256 added

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureUserDefinedChannelMultiClusterUplink - QAM 64,256 added - rscmwls_ConfigureUserDefinedTTIBased - QAM 1024 added - rscmwls_ConfigureUserDefinedTTIBasedAll - QAM 1024 added - rscmwls_ConfigureCQIFollowWBPMI - QAM 1024 added - rscmwls_ConfigureCQIFollowWBPMIMultiClusterDLAllocation - QAM 1024 added - rscmwls_ConfigureCQIFollowWBPMIRI - QAM 1024 added - rscmwls_ConfigureCQIFollowWBPMIRIMultiClusterDLAllocation - QAM 1024 added - rscmwls_ConfigureeMTCPUCCHRepetition - Mode B new values - rscmwls_ConfigureeMTCCESettings - Mode B, removed level - rscmwls_FetchExtendedBLERPMIRIResults - RI Rang - rscmwls_ConfigureConnectedLongDRXCycle * Deleted: - rscmwls_ConfigureSCCIntrabandContiguousToPCC - rscmwls_ConfigureIQIn - rscmwls_QueryIQOut - rscmwls_ConfigureFlexibleScenario1Cell4RFOut - rscmwls_ConfigureFlexibleScenario1CellIQOutRFIn - rscmwls_ConfigureFlexibleScenario1CellFading1RFOutExternal - rscmwls_ConfigureFlexibleScenario1CellFading2RFOutExternal - rscmwls_ConfigureFlexibleScenario1CellFadingMIMO4x22RFOutInternal - rscmwls_ConfigureFlexibleScenario1CellFadingMIMO4x22RFOutExternal - rscmwls_ConfigureFlexibleScenario2CCCAFading2RFOutExternal - rscmwls_ConfigureFlexibleScenario2CCCAFading4RFOutExternal - rscmwls_ConfigureScenario3CCCAFading6RFOutExternal - rscmwls_ConfigureScenario4CCCAFading8RFOutExternal - rscmwls_ConfigureStandardFadingSimulator
3.7.550	06/2019	* Support for CMW version 3.7.55 * New core 3.5.0 * New functions: - rscmwls_ConfigureSignalRouting5CCnx4nx4nx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting3CCFadingnx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting3CCnx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting3CCnx4nx4nx4Flexible - rscmwls_ConfigureSignalRouting4CCFadingnx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting4CCnx4nx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting4CCnx4nx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting4CCnx4nx4nx4nx4Flexible - rscmwls_ConfigureRFSignalFrequencyBandwidth - rscmwls_QueryRFParametersModifiedMPRBehavior - rscmwls_ConfigureAcceptAttach - rscmwls_ConfigureCQIReportingSimultaneousAckNackCQI - rscmwls_QueryConnectionRandomBurstsDLEndingPartialSFCodeRate * Updated functions: - rscmwls_ConfigureHandoverPrepare - NS25 - NS32, band 48-51 added - rscmwls_ConfigureHandoverEnhanced - NS25 - NS32, band 48-51 added - rscmwls_ConfigureHandoverExternalPrepareLTE - band 48-51 added - rscmwls_ConfigureUECapabilitiesRFBandsAll - new bands - rscmwls_ConfigureFadingSimulator - Insertion loss range changed - rscmwls_ConfigureULHARQ - HARQ range - rscmwls_ConfigureeMTCRMC - NB position new values

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureConnectedDRXTimer - rscmwls_ConfigureRMCUplinkMultiClusterSettings - rscmwls_ConfigureRMCUplinkSettings - rscmwls_ConfigureRFSignalFrequencyBand - rscmwls_ConfigureRFSignalFrequency - rscmwls_ConfigureAdvancedPRACHPowerCell
3.7.100	04/2018	* Support for CMW version 3.7.10 * Added Secondary Component Carrier 4 * New functions: - rscmwls_ConfigureSCCFrameStructure - rscmwls_ConfigureeMTCEnabled - rscmwls_ConfigureSignalRouting1CCnx4Flexible - rscmwls_ConfigureSignalRouting1CCFadingnx4Flexible - rscmwls_ConfigureSignalRouting1CCFadingnx2Flexible - rscmwls_ConfigureSignalRouting1CCFading1x1Internal - rscmwls_ConfigureSignalRouting2CCFadingnx4nx2Flexible - rscmwls_ConfigureSignalRouting2CCFadingnx4nx4Flexible - rscmwls_ConfigureSignalRouting2CCnx2nx4Flexible - rscmwls_ConfigureSignalRouting2CCnx4nx4Flexible - rscmwls_ConfigureSignalRouting2CCnx4nx2Flexible - rscmwls_ConfigureSignalRouting5CCFadingnx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting5CCnx2nx2nx2nx2nx2Flexible - rscmwls_ConfigureSignalRouting3CCnx4nx4nx2Flexible - rscmwls_ConfigureSignalRouting3CCnx4nx2nx2Flexible - rscmwls_ConfigureSignalRouting3CCnx2nx4nx2Flexible - rscmwls_ConfigureSignalRouting3CCnx2nx4nx4Flexible - rscmwls_ConfigureSignalRouting4CCnx4nx2nx2nx2Flexible - rscmwls_ConfigureDownlinkUplinkSeparation - rscmwls_ConfigureSCCSynchronizationSetState - rscmwls_QuerySCCSynchronizationSetState - rscmwls_ConfigureSCCSynchronizationSetStateAssign - UE Measurement Report SCC - rscmwls_ConfigurePhysicalCell64QAMULSupport - rscmwls_ConfigurePhysicalCellSRSDedicatedConfiguration - rscmwls_ConfigurePhysicalCellSRSpSRSOffset - rscmwls_ConfigureT3402Timer - rscmwls_ConfigureT3412ExtendedTimer - rscmwls_ConfigureIMSEmergencySupport - rscmwls_ConfigureConnectionPCCHConfignB - rscmwls_ConfigureConnectionHalfDuplex - rscmwls_ConfigureConnectionNumberOfLayers - rscmwls_ConfigureConnectionROHCEnableFor - rscmwls_ConfigureConnectionBurstType - rscmwls_ConfigureConnectionStartPositionofFirstSubframeofBurst - rscmwls_ConfigureConnectionPartialSubframeConfiguration - rscmwls_ConfigureConnectionInitialPartialSubframe - rscmwls_ConfigureConnectionOccupiedOFDMSymbolsinLastSubframeofBurst - rscmwls_ConfigureConnectionBurstTransmissionProbability - rscmwls_ConfigureConnectionSCCNumberOfLayers - Connection LAA - rscmwls_ConfigureMIMOTM9MatrixSelection - rscmwls_ConfigureMIMOTM9CoefficientsMatrix - rscmwls_ConfigureMIMOTM2To6StaticChannelModelEnabled

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureMIMOTM2To6MatrixSelection - rscmwls_ConfigureConnectedDRXULGrant - rscmwls_ConfigureConnectedeDRXIdleMode - rscmwls_ConfigurePUCCHFormatForCA - rscmwls_QueryPUCCHActualFormatForCA - rscmwls_ConfigureeMTCRMC - rscmwls_ConfigureCQIPMIConfigIndexLAA - eMTC Settings * Updated: - rscmwls_SelectComponentCarrier - rscmwls_ConfigureSCCUseUL - rscmwls_QueryRFSignalRoutingSupportedScenarios - rscmwls_ConfigureRFSignalOutputAttenuation - rscmwls_ConfigureRFSignalFrequency - rscmwls_ConfigureRFSignalFrequencyBand - rscmwls_ConfigureHandoverPrepare - rscmwls_ConfigureHandoverEnhanced - rscmwls_ConfigureHandoverExternalPrepareLTE - rscmwls_ConfigureULPowerPUSCH - rscmwls_ConfigureUplinkPowerMaximumCell - rscmwls_QueryPRACHPowerCell - rscmwls_ConfigureAdvancedTogglingAtRRCSettingsCell - rscmwls_QueryPOUEPUSCHTogglingStateCell - rscmwls_ConfigureTXPowerControlSingleCell - rscmwls_ConfigureTXPowerControlSingleExecuteCell - rscmwls_ConfigureTXPowerControl3GPPPatternCell - rscmwls_ConfigureTXPowerControlSettingTypeCell - rscmwls_ConfigureTXPowerControlTargetPowerCell - rscmwls_ConfigureTXPowerControlPUCCHTargetPowerCell - rscmwls_ConfigurePhysicalCellSRSState - rscmwls_ConfigurePhysicalCellSRS - rscmwls_ConfigurePhysicalCellSRSBWConfig - rscmwls_ConfigurePhysicalCellSRSDedicatedBW - rscmwls_ConfigurePhysicalCellSRSHoppingBW - rscmwls_ConfigureSynchronizationTimingOffset - rscmwls_ConfigureLTENeighborCellList - rscmwls_ConfigureWCDMANeighborCellList - rscmwls_ConfigureMIMOSettings - rscmwls_ConfigureStaticChannelCoefficientsMIMO - rscmwls_ConfigureBeamformingModel - rscmwls_ConfigureCSIRSSCC - rscmwls_ConfigurePowerPortsSCC - rscmwls_ConfigureAWGNOffsetSCC - rscmwls_ConfigurePortZeroMappingSCC - rscmwls_ConfigureFWBCQIMCSTableUserDefinedSCC - rscmwls_ConfigureASEMAggregationSCC - rscmwls_ConfigureSchedulingType - rscmwls_ConfigureMulticlusterUL - rscmwls_ConfigureMulticlusterDL - rscmwls_ConfigureConnectionUseStream1Settings - rscmwls_ConfigureConnectionUse256QAM - rscmwls_ConfigureMIMOTM9Parameters - rscmwls_ConfigureMIMOTM9PrecodingMatrix

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureMIMOTM9CSIRSParameters - rscmwls_ConfigureMIMOTM9ZeroPowerParameters - rscmwls_ConfigureMIMOTM9Matrix - rscmwls_ConfigureConnectedDRXTimer - rscmwls_ConfigureConnectedLongDRXCycle - rscmwls_ConfigureCircuitSwitchedFallbackWCDMATarget - rscmwls_ConfigurePDCCHAgregationLevel - rscmwls_ConfigureRMCDownlinkSettings - rscmwls_ConfigureRMCDownlinkVersion - rscmwls_ConfigureRMCUplinkSettings - rscmwls_ConfigureRMCUplinkMultiClusterSettings - rscmwls_ConfigureUserDefinedTTIBased - rscmwls_ConfigureUserDefinedTTIBasedAll - rscmwls_ConfigureTXPowerControlClosedLoopTargetPowerOffset - rscmwls_ConfigureUEMeasurementSCCRSSI - rscmwls_QueryUEMeasurementSCCRSSI - rscmwls_QueryUEMeasurementSCCChannelOccupancy - rscmwls_ConfigureSynchronizationZone - rscmwls_ConfigureConnectionPartialSubframeConfiguration - rscmwls_ConfigureConnectionFixedLengthOfBurst - rscmwls_QueryConnectionStreamSettings * Deleted - RSCMWLS_ATTR_SCC_DUPLEX_MODE - instead use RSCMWLS_ATTR_SCC_NUM_DUPLEX_MODE
3.5.510	03/2017	* Support for CMW version 3.5.51 * New functions: - rscmwls_QueryRFSignalRoutingSupportedScenarios - rscmwls_ConfigurePhysicalCellCSATSCellMuting - rscmwls_ConfigureULHARQDCI0PHICH - rscmwls_ConfigureCQIPMIRIFollowWBScheduledCQI - rscmwls_ConfigureCQIPMIRIFollowWBMultiClusterDLAllocation - rscmwls_ConfigureCQIPMIRIFollowWBSpecialSubframesUserDefinedMappingTable - rscmwls_ConfigureCQIPMIRIFollowWBCSIRSSubframesUserDefinedMappingTable - rscmwls_ConfigureCQIRIFollowWBScheduledCQI - rscmwls_ConfigureCQIRIFollowWBMultiClusterDLAllocation - rscmwls_ConfigureCQIRIFollowWBSpecialSubframesUserDefinedMappingTable - rscmwls_ConfigureCQIFollowWBPMIScheduledCQI - rscmwls_ConfigureCQIFollowWBPMIMultiClusterDLAllocation - rscmwls_ConfigureCQIFollowWBPMIRIScheduledCQI - rscmwls_ConfigureCQIFollowWBPMIRIMultiClusterDLAllocation - rscmwls_ConfigureCQIFollowWBScheduledCQI - rscmwls_ConfigureCQIFollowWBMultiClusterDLAllocation - rscmwls_ConfigureCQIFollowWBSpecialSubframeUserDefinedMappingTable - rscmwls_ConfigureMulticlusterDL - rscmwls_ConfigureUserDefinedChannelMultiClusterDownlink - rscmwls_ConfigureTXPowerControlClosedLoopTargetPowerOffset - rscmwls_QueryCQIFollowWBSpecialSubframeAutomaticallyDeterminedMappingTable - rscmwls_QueryCQIFollowWBCSIRSAutomaticallyDeterminedMappingTable - rscmwls_QueryCQIPMIRIFollowWBSpecialSubframeAutoDeterminedMappingTable - rscmwls_QueryCQIPMIRIFollowWBCSIRSAutomaticallyDeterminedMappingTable - rscmwls_QueryCQIRIFollowWBSpecialSubframeAutomaticallyDeterminedMappingTable - rscmwls_QueryUECapabilitiesOtherParameters - rscmwls_QueryUECapabilitiesRLCParameters

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_QueryBasedNetworkPerformanceLoggedMBSFNMeasurements - rscmwls_QueryInterRATCDMA2000NWSharing - rscmwls_QueryUECapabilitiesDCParameters - rscmwls_QueryUECapabilitiesMACParameters - rscmwls_QueryUECapabilitiesMBMSParameters - rscmwls_QueryUEMeasParameters - rscmwls_QueryPDCPParameters - rscmwls_QueryUEPhysicalLayerParameters - rscmwls_QueryRFParametersRequestedBands - rscmwls_QueryUECapabilitiesSLParameters - rscmwls_QueryUECapabilitiesWLANIW - rscmwls_SMSIncomingMessageSelectFile - rscmwls_QuerySMSIncomingMessageFileInfo - rscmwls_SMSOutgoingMessageSelectFile - rscmwls_QuerySMSOutgoingMessageFileInfo - rscmwls_SMSOutgoingMessageHandling - rscmwls_QueryInterRATUTRATDDConfiguration - rscmwls_ConfigureConnectionUse256QAM - rscmwls_ConfigureConnectionROHC - rscmwls_ConfigureNetworkRANDValue * Updated functions: - rscmwls_ConfigureCQIFollowWBPMI - new value in 'Modulation Type' parameter - rscmwls_ConfigureCQIFollowWBPMIRI - new value in 'Modulation Type' parameter - rscmwls_QueryRFParametersSupportedBands - range extended to 256 - rscmwls_QueryRFParametersHalfDuplexForBands - range extended to 256 - rscmwls_QueryUECapabilitiesCategoryInformation - range changed - rscmwls_CBSID - range changed - rscmwls_CBSIDType - new values in 'ID Type' parameter - rscmwls_ConfigureRejectCauses - new values in 'Reject Attach' and 'Reject Tracking Area Update' parameters - rscmwls_FetchExtendedBLERUplinkResults - rscmwls_ConfigureRMCUplinkResourceBlockPosition * New attributes: - RSCMWLS_ATTR_QUERY_SUPPORTED_SCENARIOS (Query Supported Scenarios) - RSCMWLS_ATTR_UE_CAPABILITIES_RF_RETRIEVAL (UE Capabilities RF Retrieval) - RSCMWLS_ATTR_UE_CAPABILITIES_RF_FREQ_BAND_PRIORITY_ADJUSTMENT (UE Capabilities RF Freq Band Priority Adjustment) - RSCMWLS_ATTR_UE_CAPABILITIES_OTHER_PARAMETERS_IN_DEVICE_COEX_IND (UE Capabilities Other Parameters In Device Coex Ind) - RSCMWLS_ATTR_UE_CAPABILITIES_OTHER_PARAMETERS_POWER_PREF_IND (UE Capabilities Other Parameters Power Pref Ind) - RSCMWLS_ATTR_UE_CAPABILITIES_OTHER_PARAMETERS_UE_RX_TX_TIME_DIFF_MEASUREMENTS (UE Capabilities Other Parameters UE Rx Tx Time Diff Measurements) - RSCMWLS_ATTR_UE_CAPABILITIES_OTHER_PARAMETERS_IN_DEVICE_COEX_DIV_UL_CA (UE Capabilities Other Parameters In Device Coex Div UL CA) - RSCMWLS_ATTR_UE_CAPABILITIES_MBMS_PARAMETERS_SCELL (UE Capabilities MBMS Parameters SCell) - RSCMWLS_ATTR_UE_CAPABILITIES_MBMS_PARAMETERS_NON_SERVING_CELL (UE Capabilities MBMS Parameters Non Serving Cell)	

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		- RSCMWLS_ATTR_UE_CAPABILITIES_RLC_PARAMETERS_EXTENDED_RLC_LI_FIELDS (UE Capabilities RLC Parameters Extended RLC LI Fields) - RSCMWLS_ATTR_UE_CAPABILITIES_WLAN_IW_RAN_RULES (UE Capabilities WLAN IW RAN Rules) - RSCMWLS_ATTR_UE_CAPABILITIES_WLAN_IW_ANDSF_POLICIES (UE Capabilities WLAN IW ANDSF Policies) - RSCMWLS_ATTR_UE_CAPABILITIES_DC_PARAMETERS_DRB_TYPE_SPLIT (UE Capabilities DC Parameters DRB Type Split) - RSCMWLS_ATTR_UE_CAPABILITIES_DC_PARAMETERS_DRB_TYPE_SCG (UE Capabilities DC Parameters DRB Type SCG) - RSCMWLS_ATTR_UE_CAPABILITIES_MAC_PARAMETERS_LOGICAL_CHANNEL_SR_PROHIBIT_TIMER (UE Capabilities MAC Parameters Logical Channel SR Prohibit Timer) - RSCMWLS_ATTR_UE_CAPABILITIES_MAC_PARAMETERS_LONG_DRX_COMMAND (UE Capabilities MAC Parameters Long DRX Command) - RSCMWLS_ATTR_UE_CAPABILITIES_MEAS_PARAMETERS_RSRQ_MEAS_WIDEBAND (UE Capabilities Meas Parameters RSRQ Meas Wideband) - RSCMWLS_ATTR_UE_CAPABILITIES_MEAS_PARAMETERS_BENEFITS_FROM_INTERRUPTION (UE Capabilities Meas Parameters Benefits From Interruption) - RSCMWLS_ATTR_UE_CAPABILITIES_SL_COMM_SIMULTANEOUS_TX (UE Capabilities SL Comm Simultaneous Tx) - RSCMWLS_ATTR_UE_CAPABILITIES_SL_DISC_SCHEDULED_RESOURCE_ALLOC (UE Capabilities SL Disc Scheduled Resource Alloc) - RSCMWLS_ATTR_UE_CAPABILITIES_SL_DISC_UE_SELECTED_RESOURCE_ALLOC (UE Capabilities SL Disc UE Selected Resource Alloc) - RSCMWLS_ATTR_UE_CAPABILITIES_SL_DISC_SLSS (UE Capabilities SL Disc SLSS) - RSCMWLS_ATTR_UE_CAPABILITIES_SL_DISC_SUPPORTED_PROC (UE Capabilities SL Disc Supported Proc) - RSCMWLS_ATTR_UE_CRS_INTERFHANDL (UE CRS InterfHandl) - RSCMWLS_ATTR_UE_EPDCCH (UE ePDCCH) - RSCMWLS_ATTR_UE_MULTIACK_CSI_REPORTING (UE multiACK CSI Reporting) - RSCMWLS_ATTR_UE_SS_CCH_INTERFHANDL (UE SS CCH InterfHandl) - RSCMWLS_ATTR_UE_TDD_SPECIALSUBFRAME (UE TDD SpecialSubframe) - RSCMWLS_ATTR_UE_TXDIV_PUCCH1B_CHSELECT (UE txDiv PUCCH1b ChSelect) - RSCMWLS_ATTR_UE_UL_COMP (UE UL CoMP) - RSCMWLS_ATTR_UE_INTERBAND_TDD_CA_WITH_DIFFERENT_CONFIG (UE interBand TDD CA With Different Config) - RSCMWLS_ATTR_UE_E_HARQ_PATTERN_FDD (UE e HARQ Pattern FDD) - RSCMWLS_ATTR_UE_ENHANCED_4_TX_CODEBOOK (UE enhanced 4 Tx Codebook) - RSCMWLS_ATTR_UE_TDD_FDD_CA_PCELL_DUPLEX (UE tdd FDD CA PCell Duplex) - RSCMWLS_ATTR_UE_PHY_TDD_RECONFIG_TDD_PCELL (UE phy TDD ReConfig TDD PCell) - RSCMWLS_ATTR_UE_PHY_TDD_RECONFIG_FDD_PCELL (UE phy TDD ReConfig FDD PCell) - RSCMWLS_ATTR_UE_PUSCH_FEEDBACK_MODE (UE pusch Feedback Mode) - RSCMWLS_ATTR_UE_PUSCH_SRS_POWERCONTROL_SUBFRAMESET (UE pusch SRS PowerControl SubframeSet) - RSCMWLS_ATTR_UE_CSI_SUBFRAME_SET (UE CSI Subframe Set) - RSCMWLS_ATTR_UE_NO_RESOURCE_RESTRICTION_FOR_TTI_BUNDLING (UE no Resource Restriction For TTI Bundling) - RSCMWLS_ATTR_UE_DISCOVERY_SIGNALS_IN_DEACT_SCELL (UE discovery Signals In Deact SCell) - RSCMWLS_ATTR_PDCP_SN_EXTENSION (PDCP SN Extension) - RSCMWLS_ATTR_SUPPORT_ROHC_CONTEXT_CONTINUE (Support ROHC Context Continue)

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		- RSCMWLS_ATTR_INTER_RAT_CDMA2000_NW_SHARING (Inter RAT CDMA2000 NW Sharing) - RSCMWLS_ATTR_BASED_NETWORK_PERFORMANCE_LOGGED_MBSFN_MEASUREMENTS (Based Network Performance Logged MBSFN Measurements) - RSCMWLS_ATTR_TX_POWER_CONTROL_CLOSED_LOOP_TARGET_POWER_OFFSET (TX Power Control Closed Loop Target Power Offset) - RSCMWLS_ATTR_PHYSICAL_CELL_CSAT_AND_SCELL_MUTING_ENABLE (Physical Cell CSAT And SCell Muting Enable) - RSCMWLS_ATTR_PHYSICAL_CELL_DMTC_PERIOD (Physical Cell DMTC Period) - RSCMWLS_ATTR_PHYSICAL_CELL_ON_STATE_DURATION (Physical Cell On State Duration) - RSCMWLS_ATTR_PHYSICAL_CELL_OFF_STATE_DURATION (Physical Cell Off State Duration) - RSCMWLS_ATTR_PHYSICAL_CELL_PERIODIC_MAC_ACTIVATION (Physical Cell Periodic MAC Activation) - RSCMWLS_ATTR_NETWORK_SECURITY_RAND_VALUE (Network Security RAND Value) - RSCMWLS_ATTR_CONNECTION_MULTICLUSTER_DL (Connection Multicluster DL) - RSCMWLS_ATTR_CONNECTION_USE_256_QAM (Connection Use 256-QAM) - RSCMWLS_ATTR_CONNECTION_SCC_MULTICLUSTER_DL (Connection SCC Multicluster DL) - RSCMWLS_ATTR_CONNECTION_USE_256_QAM_SCC (Connection Use 256-QAM SCC) - RSCMWLS_ATTR_ROHC_ENABLE_HEADER_COMPRESSION (ROHC Enable Header Compression) - RSCMWLS_ATTR_CONNECTION_UL_HARQ_DCI_0_PHICH (Connection UL HARQ DCI-0 / PHICH) - RSCMWLS_ATTR_SMS_OUTGOING_MESSAGE_HANDLING (SMS Outgoing Message Handling) - RSCMWLS_ATTR_SMS_OUTGOING_MESSAGE_SELECT_FILE (SMS Outgoing Message Select File) - RSCMWLS_ATTR_SMS_INCOMING_MESSAGE_SELECT_FILE (SMS Incoming Message Select File) * Modified Range Tables: - rscmwls_rngULResourceBlock - RSCMWLS_ATTR_RMC_UPLINK_RESOURCE_BLOCK_POSITION, RSCMWLS_ATTR_SCC_NUM_RMC_UPLINK_RESOURCE_BLOCK_POSITION New items: RSCMWLS_VAL_RB_UL_P20, RSCMWLS_VAL_RB_UL_P21, RSCMWLS_VAL_RB_UL_P28, RSCMWLS_VAL_RB_UL_P30, RSCMWLS_VAL_RB_UL_P31, RSCMWLS_VAL_RB_UL_P33, RSCMWLS_VAL_RB_UL_P40, RSCMWLS_VAL_RB_UL_P50, RSCMWLS_VAL_RB_UL_P51, RSCMWLS_VAL_RB_UL_P52, RSCMWLS_VAL_RB_UL_P54, RSCMWLS_VAL_RB_UL_P57, RSCMWLS_VAL_RB_UL_P58, RSCMWLS_VAL_RB_UL_P62, RSCMWLS_VAL_RB_UL_P63, RSCMWLS_VAL_RB_UL_P66, RSCMWLS_VAL_RB_UL_P70, RSCMWLS_VAL_RB_UL_P83 - rscmwls_rngUECapabilitiesCategoryInformation - RSCMWLS_ATTR_UE_CAPABILITIES_CATEGORY_INFORMATION Range changed to <0;12> - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_OFF - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("Disabled", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_ON - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("Enabled", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_IUE3 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("IUE3", "")

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		- rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_EPS7 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("EPS7", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_PLMN11 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("PLMN11", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_TANA12 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("TANA12", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_CONG22 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("CONG22", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C13 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("C13", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C17 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Enum name changed ("C17", "") - rscmwls_rngNetworkCellRejectAttach.RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C17 - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE Help changed ("Network failure (#17)", "value 17 (network failure)") - rscmwls_rngNetworkCellRejectAttach - RSCMWLS_ATTR_NETWORK_REJECT_ATTACH, RSCMWLS_ATTR_NETWORK_REJECT_TRACKING_AREA_UPDATE

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		New items: RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C2, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C5, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C6, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C8, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C9, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C10, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C14, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C15, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C16, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C18, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C19, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C20, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C21, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C23, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C24, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C25, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C26, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C35, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C39, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C40, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C42, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C95, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C96, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C97, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C98, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C99, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C100, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C101, RSCMWLS_VAL_NETWORK_REJECT_CAUSE_C111 - rscmwls_rngFadingSimulatorDopplerFrequencyMode.RSCMWLS_VAL_DOPPLER_SHIFT_NORMAL - RSCMWLS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE, RSCMWLS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE_SCC, RSCMWLS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE_SCC_NUM Description changed ("Normal", "") - rscmwls_rngFadingSimulatorDopplerFrequencyMode.RSCMWLS_VAL_DOPPLER_SHIFT_USER - RSCMWLS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE, RSCMWLS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE_SCC, RSCMWLS_ATTR_FADING_SIMULATOR_DOPPLER_FREQUENCY_MODE_SCC_NUM Description changed ("User Defined", "") - rscmwls_rngPhysicalCellReceivedPreambles.RSCMWLS_VAL_OFF - RSCMWLS_ATTR_PHYSICAL_CELL_RECEIVED_PREAMBLES Description changed ("Off", "") - rscmwls_rngPhysicalCellReceivedPreambles.RSCMWLS_VAL_ON - RSCMWLS_ATTR_PHYSICAL_CELL_RECEIVED_PREAMBLES Description changed ("On", "") - rscmwls_rngPhysicalCellReceivedPreambles.RSCMWLS_VAL_IGNORE_NUMBER_PREAMBLES - RSCMWLS_ATTR_PHYSICAL_CELL_RECEIVED_PREAMBLES Description changed ("Ignore number of preambles", "") - rscmwls_rngNetworkEPSIMSVoiceOverPSSession.RSCMWLS_VAL_SESSION_INDICATOR_IMS_NOT_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_IMS_VOICE_OVER_PS_SESSION Description changed ("Not supported", "")

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		- rscmwls_rngNetworkEPSIMSVoiceOverPSSession.RSCMWLS_VAL_SESSION_INDICATOR_IMS_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_IMS_VOICE_OVER_PS_SESSION Description changed ("Supported", "") - rscmwls_rngNetworkEPSEmergencyBearerServices.RSCMWLS_VAL_SERVICE_INDICATOR_EMCB_NOT_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_EMERGENCY_BEARER_SERVICES Description changed ("Not supported", "") - rscmwls_rngNetworkEPSEmergencyBearerServices.RSCMWLS_VAL_SERVICE_INDICATOR_EMCB_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_EMERGENCY_BEARER_SERVICES Description changed ("Supported", "") - rscmwls_rngNetworkEPSServiceIndicatorinEPC.RSCMWLS_VAL_SERVICE_INDICATOR_EPC_NOT_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_SERVICE_INDICATOR_IN_EPC Description changed ("Not supported", "") - rscmwls_rngNetworkEPSServiceIndicatorinEPC.RSCMWLS_VAL_SERVICE_INDICATOR_EPC_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_SERVICE_INDICATOR_IN_EPC Description changed ("Supported", "") - rscmwls_rngNetworkEPSServiceIndicatorinCS.RSCMWLS_VAL_SERVICE_INDICATOR_CS_NOT_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_SERVICE_INDICATOR_IN_CS Description changed ("Not supported", "") - rscmwls_rngNetworkEPSServiceIndicatorinCS.RSCMWLS_VAL_SERVICE_INDICATOR_CS_SUPPORTED - RSCMWLS_ATTR_NETWORK_EPS_SERVICE_INDICATOR_IN_CS Description changed ("Supported", "") - rscmwls_rngNetworkEPSServiceIndicatorinCS.RSCMWLS_VAL_SERVICE_INDICATOR_CS_NO_INFORMATION - RSCMWLS_ATTR_NETWORK_EPS_SERVICE_INDICATOR_IN_CS Description changed ("No information", "") - rscmwls_rngConnectedDRXSettings - RSCMWLS_ATTR_CONNECTED_DRX_SETTINGS New items: RSCMWLS_VAL_USER_ON, RSCMWLS_VAL_USER_OFF - rscmwls_rngSCCActivationMode.RSCMWLS_VAL_SCC_ACTIVATION_MODE_AUTO - RSCMWLS_ATTR_SCC_ACTIVATION_MODE Description changed ("Auto", "") - rscmwls_rngSCCActivationMode.RSCMWLS_VAL_SCC_ACTIVATION_MODE_MANUAL - RSCMWLS_ATTR_SCC_ACTIVATION_MODE Description changed ("Manual", "") - rscmwls_rngSCCActivationMode.RSCMWLS_VAL_SCC_ACTIVATION_MODE_SEMI_AUTO - RSCMWLS_ATTR_SCC_ACTIVATION_MODE Description changed ("Semi Auto", "") - rscmwls_rngHandoverMobilityMode.RSCMWLS_VAL_HANDOVER_REDIRECTION - RSCMWLS_ATTR_HANDOVER_MOBILITY_MODE Description changed ("Redirection", "") - rscmwls_rngHandoverMobilityMode.RSCMWLS_VAL_HANDOVER_MT_CS_FALLBACK - RSCMWLS_ATTR_HANDOVER_MOBILITY_MODE Description changed ("MT CS fallback", "") - rscmwls_rngHandoverMobilityMode - RSCMWLS_ATTR_HANDOVER_MOBILITY_MODE New items: RSCMWLS_VAL_HANDOVER_HANDOVER

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		- rscmwls_rngTXPowerControl3GPPPattern.RSCMWLS_VAL_RAMPING_UP_A - RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN, RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM Description changed ("Ramping Up A", "") - rscmwls_rngTXPowerControl3GPPPattern.RSCMWLS_VAL_RAMPING_DOWN_A - RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN, RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM Description changed ("Ramping Down A", "") - rscmwls_rngTXPowerControl3GPPPattern.RSCMWLS_VAL_RAMPING_UP_B - RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN, RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM Description changed ("Ramping Up B", "") - rscmwls_rngTXPowerControl3GPPPattern.RSCMWLS_VAL_RAMPING_DOWN_B - RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN, RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM Description changed ("Ramping Down B", "") - rscmwls_rngTXPowerControl3GPPPattern.RSCMWLS_VAL_RAMPING_UP_C - RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN, RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM Description changed ("Ramping Up C", "") - rscmwls_rngTXPowerControl3GPPPattern.RSCMWLS_VAL_RAMPING_DOWN_C - RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN, RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM Description changed ("Ramping Down C", "") - rscmwls_rngNetworkSynchronizationZone.RSCMWLS_VAL_SYNCHRONIZATION_NONE - RSCMWLS_ATTR_NETWORK_SYNCHRONIZATION_ZONE Description changed ("No synchronization", "") - rscmwls_rngNetworkSynchronizationZone.RSCMWLS_VAL_SYNCHRONIZATION_Z1 - RSCMWLS_ATTR_NETWORK_SYNCHRONIZATION_ZONE Description changed ("Synchronization to zone 1", "") - rscmwls_rngSCCNumberofAntennas.RSCMWLS_VAL_NUMBER_OF_ANTENNAS_ONE - RSCMWLS_ATTR_SCC_NUMBER_OF_ANTENNAS, RSCMWLS_ATTR_SCC_NUM_NUMBER_OF_ANTENNAS Description changed ("1", "") - rscmwls_rngSCCNumberofAntennas.RSCMWLS_VAL_NUMBER_OF_ANTENNAS_TWO - RSCMWLS_ATTR_SCC_NUMBER_OF_ANTENNAS, RSCMWLS_ATTR_SCC_NUM_NUMBER_OF_ANTENNAS Description changed ("2", "") - rscmwls_rngSCCNumberofAntennas.RSCMWLS_VAL_NUMBER_OF_ANTENNAS_FOUR - RSCMWLS_ATTR_SCC_NUMBER_OF_ANTENNAS, RSCMWLS_ATTR_SCC_NUM_NUMBER_OF_ANTENNAS Description changed ("4", "") - rscmwls_rngSecondaryComponentCarrierState.RSCMWLS_VAL_SCC_OFF - RSCMWLS_ATTR_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_SCC_NUM_STATE Description changed ("Switch SCC off", "") - rscmwls_rngSecondaryComponentCarrierState.RSCMWLS_VAL_SCC_ON - RSCMWLS_ATTR_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_SCC_NUM_STATE Description changed ("Switch SCC on", "") - rscmwls_rngSecondaryComponentCarrierState.RSCMWLS_VAL_SCC_ADD_RRC - RSCMWLS_ATTR_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_SCC_NUM_STATE	

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		Description changed ("Add SCC RRC connection", "") - rscmwls_rngSecondaryComponentCarrierState.RSCMWLS_VAL_SCC_ACTIVATE_MAC - RSCMWLS_ATTR_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_SCC_NUM_STATE Description changed ("Activate MAC for the SCC", "") - rscmwls_rngSecondaryComponentCarrierState.RSCMWLS_VAL_SCC_DEACTIVATE_MAC - RSCMWLS_ATTR_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_SCC_NUM_STATE Description changed ("Deactivate MAC for the SCC", "") - rscmwls_rngSecondaryComponentCarrierState.RSCMWLS_VAL_SCC_DELETE_RRC - RSCMWLS_ATTR_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_SCC_NUM_STATE Description changed ("Delete SCC RRC connection", "") - rscmwls_rngQuerySecondaryComponentCarrierState.RSCMWLS_VAL_SCC_OFF - RSCMWLS_ATTR_QUERY_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_QUERY_SCC_NUM_STATE Description changed ("SCC Off", "") - rscmwls_rngQuerySecondaryComponentCarrierState.RSCMWLS_VAL_SCC_ON - RSCMWLS_ATTR_QUERY_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_QUERY_SCC_NUM_STATE Description changed ("SCC On", "") - rscmwls_rngQuerySecondaryComponentCarrierState.RSCMWLS_VAL_SCC_ADD_RRC - RSCMWLS_ATTR_QUERY_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_QUERY_SCC_NUM_STATE Description changed ("RRC Added", "") - rscmwls_rngQuerySecondaryComponentCarrierState.RSCMWLS_VAL_SCC_ACTIVATE_MAC - RSCMWLS_ATTR_QUERY_SECONDARY_COMPONENT_CARRIER_STATE, RSCMWLS_ATTR_QUERY_SCC_NUM_STATE Description changed ("MAC Activated", "") - rscmwls_rngCBSID - Type ("RS_VAL_RANGED", "RS_VAL_COERCED") - rscmwls_rngCBSIDType - RSCMWLS_ATTR_CBS_ID_TYPE New items: RSCMWLS_VAL_CBS_ID_TYPE_UDEF, RSCMWLS_VAL_CBS_ID_TYPE_UDCM, RSCMWLS_VAL_CBS_ID_TYPE_UDET
3.5.400	12/2016	* Support for CMW version 3.5.40 * Added CBS Messaging * Added RF Scenario * New VI's: - rscmwls_Configure RF Signal Frequency Band.vi - rscmwls_Configure RF Signal Frequency Channel.vi - rscmwls Configure Dedicated Bearer Prepare Separate.vi - rscmwls Configure Handover Call Type.vi - rscmwls Query UE Info Dedicated Bearer Separate.vi - rscmwls Configure UE Measurement MG Enable.vi - rscmwls Query UE Capabilities UE Category DL.vi - rscmwls Query UE Capabilities UE Category UL.vi - rscmwls Configure UE Capabilities RF Bands All.vi - rscmwls Configure Uplink Joint Power Control.vi - rscmwls Configure PUSCH TPC Power.vi - rscmwls Configure Network Time Zone Offset.vi - rscmwls Configure Connection Easy Mode.vi - rscmwls Configure UE Transmit Selection.vi - rscmwls Configure PSM Allowed.vi - rscmwls Configure CSIRS PCC.vi

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		- rscmwls Configure AWGN Offset PCC.vi - rscmwls Configure Power Ports PCC.vi - rscmwls Configure Port Zero Mapping PCC.vi - rscmwls Query FWB CQI MCS Table Determined PCC.vi - rscmwls Query FWB CQI MCS Table CSI RS Determined PCC.vi - rscmwls Configure CSI RSSCC.vi - rscmwls Configure Power Ports SCC.vi - rscmwls Configure AWGN Offset SCC.vi - rscmwls Configure Port Zero Mapping SCC.vi - rscmwls Configure FWB CQI MCS Table User Defined SCC.vi - rscmwls Query FWB CQI MCS Table Determined SCC.vi - rscmwls Query FWB CQI MCS Table CSI RS Determined SCC.vi - rscmwls Configure ASEM Aggregation SCC.vi - rscmwls SMS Outgoing User Data Header.vi - rscmwls SMS Outgoing Handling.vi - rscmwls Clear Event Log.vi - rscmwls Configure UE Category CZ Allowed.vi - rscmwls Configure UL HARQ Max Tx.vi - rscmwls Configure Physical Cell SRS BW Config.vi - rscmwls Configure Physical Cell SRS Dedicated BW.vi - rscmwls Configure Physical Cell SRS Hopping BW.vi * Updated VI's: - rscmwls Configure RF Signal Frequency.vi - rscmwls Configure Handover Enhanced.vi - rscmwls Configure Handover External Prepare LTE.vi - rscmwls Query RF Parameters Supported Band Combination.vi - rscmwls Configure Fading Simulator.vi - rscmwls Configure Fading Module AWGN.vi - rscmwls Configure TX Power Control Setting Type Cell.vi - rscmwls Configure Reject Causes.vi - rscmwls Configure LTE Neighbor Cell List.vi - rscmwls Configure WCDMA Neighbor Cell List.vi - rscmwls Configure Beamforming Model.vi - rscmwls Configure Circuit Switched Fallback Cell Target.vi - rscmwls Configure RMC Downlink Settings.vi - rscmwls Configure RMC Uplink Settings.vi - rscmwls Configure User Defined Channel Downlink.vi - rscmwls SMS Outgoing User Data Header.vi
3.5.210	10/2015	* Support for CMW version 3.5.21 * Added Secondary Component Carrier 3 * New functions: - rscmwls Configure SCC Intraband Contiguous To PCC.vi - rscmwls Query RF Signal Routing Settings Extended.vi - rscmwls Configure Signal Routing 4 CC CA 4 RF Out Scenario.vi - rscmwls Configure Signal Routing 4 CC CA Fading 8 RF Out Fix Scenario Internal.vi - rscmwls Configure Signal Routing 4 CC CA Fading 8 RF Out Fix Scenario External.vi - rscmwls Configure Handover Enhanced.vi - rscmwls Configure Standard Fading Simulator.vi - rscmwls Configure Physical Cell TDD Use Carrier Specific.vi - rscmwls Configure CQI Reporting CSI Report Mode.vi - rscmwls Configure Multicluster UL.vi - rscmwls Configure Connected DRX Scheduling Request.vi - rscmwls Configure Circuit Switched Fallback TD-SCDMA Target.vi

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Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls Configure UL HARQ.vi - rscmwls Configure RMC Uplink Multi Cluster Settings.vi - rscmwls Configure User Defined Channel Multi Cluster Uplink.vi - rscmwls Configure CQI Follow WB PMI RI.vi - rscmwls SMS Outgoing Protocol Identifier.vi - rscmwls SMS Outgoing Last Message Sent.vi * Modified functions: - rscmwls Configure PDSCH Transmission Scheme.vi - SCC2, SCC3 - rscmwls Query User Defined Channel Downlink Code Rate.vi - Code Rate array data type change from Int32 to Real64 - rscmwls Query User Defined Channel Uplink Code Rate.vi - Code Rate array data type change from Int32 to Real64 - rscmwls Query User Defined TTI Based Downlink Code Rate.vi - Code Rate array data type change from Int32 to Real64 - rscmwls Query User Defined TTI Based Uplink Code Rate.vi - Code Rate array data type change from Int32 to Real64 - rscmwls Select Component Carrier.vi - SCC3 - rscmwls Configure Physical Cell Setup.vi - SCC3 - rscmwls Configure Physical Cell TDD.vi - SCC3 - rscmwls Configure Network Identity Settings.vi - SCC3 - rscmwls Configure Synchronization Timing Offset.vi - SCC3 - rscmwls Configure Circuit Switched Fallback Cell Target.vi - TD-SCDMA added to 'Target RAT' - rscmwls Configure Beamforming Matrix.vi - SCC3 - rscmwls Configure MIMO Settings.vi - SCC3 - rscmwls Configure RMC Downlink Settings.vi - SCC3, added 7, 42, 64, 92, 96 to 'Number Of Resource Blocks' - rscmwls Configure RMC Uplink Settings.vi - SCC3, added 7, 42, 64, 92, 96 to 'Number Of Resource Blocks' - rscmwls Configure RMC Uplink Resource Block Position.vi - SCC3, added 0, 6, 8, 12, 22, 24, 45, 68, 96 to 'Position' - rscmwls Configure MIMO TM9 Matrix.vi - SCC3, SCPI commands updated - rscmwls Configure MIMO TM9 Parameters.vi - SCC3, SCPI commands updated - rscmwls Configure MIMO TM9 CSIRS Parameters.vi - SCC3 - rscmwls Configure MIMO TM9 Precoding Matrix.vi - SCC3, SCPI commands updated - rscmwls Configure MIMO TM9 Zero Power Parameters.vi - SCC3 - rscmwls Configure Connection TTI Bundling.vi - SCPI commands updated - rscmwls Configure User Defined Channel Uplink.vi - SCC3 - rscmwls Configure Beamforming Model.vi - SCC3 - rscmwls Connection Copy PCC To SCC.vi - SCC3 - rscmwls Configure Connection Use Stream1 Settings.vi - SCC3 - rscmwls Configure CQI PMI RI Follow WB.vi - SCC3 - rscmwls Configure CQI RI Follow WB.vi - SCC3 - rscmwls Configure TTI CQI.vi - SCC3 - rscmwls Configure TTI CQI All.vi - SCC3 - rscmwls Configure CQI Follow WB PMI.vi - SCC3 - rscmwls Configure CQI Follow WB.vi - SCC3 - rscmwls Configure Antenna Configuration.vi - SCC3 - rscmwls Configure PDCCH Agregation Level.vi - SCC3 - rscmwls Query PDCCH Aggregation Levels.vi - SCC3 - rscmwls Configure Reduced PDCCH.vi - SCC3 - rscmwls Configure PDCCH Symbols.vi - SCC3 - rscmwls Query Number Of PDCCH Symbols.vi - SCC3

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Driver history for LabWindows/CVI and VXIplug&play driver		
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		- rscmwls Configure Precoding Matrix.vi - SCC3 - rscmwls Configure RMC Downlink Version.vi - SCC3 - rscmwls Configure Static Channel Model State.vi - SCC3 - rscmwls Configure Static Channel Coefficients.vi - SCC3 - rscmwls Configure Static Channel Coefficients MIMO.vi - SCC3 - rscmwls Configure Scheduling Type.vi - SCC3 - rscmwls Query Transmission Scheme.vi - SCC3 - rscmwls Configure User Defined Channel Downlink.vi - SCC3 - rscmwls Configure User Defined TTI Based.vi - SCC3 - rscmwls Configure User Defined TTI Based All.vi - SCC3 - rscmwls Configure CQI PMI Config Index.vi - SCC3 - rscmwls Configure CQI PMI Config Index TDD.vi - SCC3 - rscmwls Configure Downlink Power AWGN Level.vi - SCC3 - rscmwls Configure Downlink Power Levels.vi - SCC3 - rscmwls Configure Downlink Power PDSCH.vi - SCC3 - rscmwls Configure Fading Simulator.vi - SCC3, SCPI commands updated - rscmwls Configure Fading Module AWGN.vi - SCC3 - rscmwls Query Fading Module AWGN Noise Bandwidth.vi - SCC3 - rscmwls Configure Fading Simulator Doppler Frequency.vi - SCC3 - rscmwls Configure Fading Simulator Restart Mode.vi - SCC3, Trigger added to 'Restart Mode' - rscmwls Restart Fading Simulator.vi - SCC3 - rscmwls Query Internal Fading Noise Power Values.vi - SCC3 - rscmwls Configure IQ In.vi - SCC3 - rscmwls Configure LTE Neighbor Cell List.vi - OB252, OB255 added to 'Operating Band' - rscmwls Configure RF Signal Frequency.vi - SCC3, OB252, OB255 added to 'Operating Band' - rscmwls Configure RF Signal Nominal Power Uplink.vi - SCC capabilities added - rscmwls Configure RF Signal Mixer Level Offset.vi - SCC capabilities added - rscmwls Configure RF Signal User Defined Channel Number.vi - SCC3 - rscmwls Query User Defined Resulting Frequencies.vi - SCC3 - rscmwls Configure Band Definition Downlink Uplink Separation.vi - SCC capabilities added - rscmwls Configure Minimum Downlink Channel Frequency.vi - SCC3 - rscmwls Query Maximum Uplink Channel Number.vi - SCC capabilities added - rscmwls Configure RF Signal Attenuation MIMO Output.vi - SCC3 - rscmwls Configure RF Signal Input Attenuation.vi - SCC capabilities added - rscmwls Configure RF Signal Output Attenuation.vi - SCC3 - rscmwls Configure RF Signal Frequency Offset.vi - SCC3 - rscmwls Configure Duplex Mode Cell.vi - SCC3 - rscmwls Configure SCC Use UL.vi - SCC3 - rscmwls Configure Advanced PRACH Power Cell.vi - SCC3 - rscmwls Configure Advanced Toggling At RRC Settings Cell.vi - SCC3 - rscmwls Configure Uplink Power Maximum Cell.vi - SCC3 - rscmwls Configure UL Power PUSCH.vi - SCC3 - rscmwls Configure TX Power Control PUCCH Target Power Cell.vi - SCC3 - rscmwls Configure TX Power Control Single Cell.vi - SCC3 - rscmwls Configure TX Power Control Single Execute Cell.vi - SCC3 - rscmwls Configure TX Power Control 3GPP Pattern Cell.vi - SCC3 - rscmwls Configure TX Power Control Setting Type Cell.vi - SCC3 - rscmwls Configure TX Power Control User Defined Pattern.vi - SCC capabilities added - rscmwls Configure TX Power Control Target Power Cell.vi - SCC3 - rscmwls Fetch Intermediate Absolute BLER Results.vi - SCC3 - rscmwls Fetch Intermediate Relative BLER Results.vi - SCC3 - rscmwls Fetch Intermediate Single Stream DL Abs BLER Results.vi - SCC3 - rscmwls Fetch Intermediate Single Stream DL Rel BLER Results.vi - SCC3	

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		- rscmwls Fetch Extended BLER Uplink Results.vi - SCC3 - rscmwls Fetch Absolute BLER Results.vi - SCC3 - rscmwls Fetch BLER Confidence Result.vi - SCC3 - rscmwls Fetch Single Stream Downlink CQI BLER Results.vi - SCC3 - rscmwls Fetch Absolute Extended BLER HARQ Per Subframe Results.vi - SCC3 - rscmwls Fetch Relative Extended BLER HARQ Per Subframe Results.vi - SCC3 - rscmwls Fetch Absolute Extended BLER HARQ Per Transmission Results.vi - SCC3 - rscmwls Fetch Relative Extended BLER HARQ Per Transmission Results.vi - SCC3 - rscmwls Fetch Extended BLER PMI RI Results.vi - SCC3 - rscmwls Fetch Relative BLER Results.vi - SCC3 - rscmwls Fetch Extended BLER Rank Indicator Results.vi - SCC3 - rscmwls Fetch Single Stream Downlink Absolute BLER Results.vi - SCC3 - rscmwls Fetch Single Stream Downlink Relative BLER Results.vi - SCC3 - rscmwls Fetch BLER Throughput Trace.vi - SCC3 - rscmwls Fetch BLER Single Stream Downlink Throughput Trace.vi - SCC3 - rscmwls Fetch BLER Single Stream Downlink CQI Trace.vi - SCC3 - rscmwls Fetch BLER Single Stream Downlink Median CQI Trace.vi - SCC3 - rscmwls Configure Handover Prepare.vi - OB252, OB255 added to 'Operating Band', NS19, NS21, NS22, NS23, NS24 added to 'Additional Spectrum Emission' - rscmwls Configure Handover External Prepare LTE.vi - OB252, OB255 added to 'Operating Band' - rscmwls Configure Signal Routing 3 CC CA 3 RF Out Scenario.vi - SCPI command changed - rscmwls Configure Signal Routing 3 CC CA PCC MIMO 4 RF Out Scenario.vi - SCPI command changed - rscmwls Configure Signal Routing 3 CC CA SCC 1 MIMO 4 RF Out Scenario.vi - SCPI command changed - rscmwls Query PCC SCC Sum Streams Downlink Throughput.vi - SCC3 - rscmwls Query Single Stream Downlink Throughput.vi - SCC3 - rscmwls Query Uplink Maximum Throughput Cell.vi - SCC3 - rscmwls Query CQI PMI RI Follow WB Automatically Determined Mapping Table.vi - SCC3 - rscmwls Query CQI RI Follow WB Automatically Determined Mapping Table.vi - SCC3 - rscmwls Query CQI Follow WB Automatically Determined Mapping Table.vi - SCC3 - rscmwls Query User Defined Channel Downlink Code Rate.vi - SCC3 - rscmwls Query User Defined Channel Uplink Code Rate.vi - SCC3 - rscmwls Query User Defined TTI Based Downlink Code Rate.vi - SCC3 - rscmwls Query User Defined TTI Based Uplink Code Rate.vi - SCC3 - rscmwls Queries CQI PMI Reporting Intervals.vi - SCC3 - rscmwls Query Downlink Full Cell BW Power.vi - SCC3 - rscmwls Query Fading Simulator Clipped Samples.vi - SCC3 - rscmwls Query IQ Out.vi - SCC3 - rscmwls Query Inter Frequency Need For Gaps.vi - return values help updated - rscmwls Query Inter Frequency Need For Gaps V1020.vi - return values help updated - rscmwls Query RF Parameters Supported Band Combination.vi - 'Results' updated - rscmwls Query RF Parameters Supported Band Combination Bandwidth Classes.vi - added 3, 4 to 'Band Number' - rscmwls Query RF Parameters Supported Band Combination MIMO Capability.vi - added 3, 4 to 'Band Number' - rscmwls Query UE Capabilities Category Information.vi - range updated - rscmwls Query UE Measurement RSRP.vi - SCC3 - rscmwls Query UE Measurement Index Range.vi - SCC3 - rscmwls Query UE Measurement RSRQ.vi - SCC3 - rscmwls Query UE Measurement Serving Cells.vi - SCC3 - rscmwls Query UE Measurement Serving Cells Range.vi - SCC3 - rscmwls Query PRACH Power Cell.vi - SCC3

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Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
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		- rscmwls Query PO-UE-PUSCH Toggling State Cell.vi - SCC3 - rscmwls Query RF Signal Routing Settings.vi - SCPI command output updated - rscmwls Query RF Signal Routing Active Scenario.vi - values 14..20 added to 'Scenario' - rscmwls Configure RMC Downlink Resource Block Position.vi - SCC3 - rscmwls Configure RF Signal Band Indicator.vi - SCC3 - rscmwls Query Inter RAT GERAN Settings.vi - fixed incorrect attribute in code - rscmwls Query TTI CQI.vi - SCC3 * New attributes: - Route 4CC CA Fading 8 RF Out Fix Scenario Internal (RSCMWLS_ATTR_ROUTE_4CC_CA_FADING_8_RF_OUT_FIX_SCENARIO_INTERNAL) - Route 4CC CA Fading 8 RF Out Fix Scenario External (RSCMWLS_ATTR_ROUTE_4CC_CA_FADING_8_RF_OUT_FIX_SCENARIO_EXTERNAL) - SCC Input External Attenuation (RSCMWLS_ATTR_SCC_INPUT_EXTERNAL_ATTENUATION) - SCC Expected Nominal Mode (RSCMWLS_ATTR_SCC_EXPECTED_NOMINAL_MODE) - SCC Expected Nominal Power (RSCMWLS_ATTR_SCC_EXPECTED_NOMINAL_POWER) - SCC Nominal Power Margin (RSCMWLS_ATTR_SCC_NOMINAL_POWER_MARGIN) - SCC Mixer Level Offset (RSCMWLS_ATTR_SCC_MIXER_LEVEL_OFFSET) - SCC Downlink Channel (RSCMWLS_ATTR_SCC_NUM_DOWNLINK_CHANNEL) - SCC Uplink Channel (RSCMWLS_ATTR_SCC_NUM_UPLINK_CHANNEL) - SCC Intraband Contiguous to PCC (RSCMWLS_ATTR_SCC_INTRABAND_CONTIGUOUS_TO_PCC) - SCC Band Definition Downlink Uplink Separation (RSCMWLS_ATTR_SCC_BAND_DEFINITION_DOWNLINK_UPLINK_SEPARATION) - SCC User Defined Channel Number Uplink Minimum (RSCMWLS_ATTR_SCC_USER_DEFINED_CHANNEL_NUMBER_UL_MIN) - SCC Query User Defined Channel Number Uplink Maximum (RSCMWLS_ATTR_SCC_QUERY_USER_DEFINED_CHANNEL_NUMBER_UL_MAX) - SCC Query User Defined Frequency Uplink Minimum (RSCMWLS_ATTR_SCC_QUERY_USER_DEFINED_FREQUENCY_UL_MIN) - SCC Query User Defined Frequency Uplink Maximum (RSCMWLS_ATTR_SCC_QUERY_USER_DEFINED_FREQUENCY_UL_MAX) - Fading Simulator Standadr Enabled (RSCMWLS_ATTR_FADING_SIMULATOR_STANDARD_ENABLED) - Fading Simulator Standard Profile (RSCMWLS_ATTR_FADING_SIMULATOR_STANDARD_PROFILE) - Fading Simulator SCC Standard Enabled (RSCMWLS_ATTR_FADING_SIMULATOR_SCC_STANDARD_ENABLED) - Fading Simulator SCC Standard Profile (RSCMWLS_ATTR_FADING_SIMULATOR_SCC_STANDARD_PROFILE) - Fading Simulator SCC Restart Mode (RSCMWLS_ATTR_FADING_SIMULATOR_SCC_NUM_RESTART_MODE) - Physical Cell TDD Carrier Specific Configuration (RSCMWLS_ATTR_PHYSICAL_CELL_TDD_CARRIER_SPECIFIC_CONFIGURATION) - Physical Cell TDD SCC Uplink Downlink (RSCMWLS_ATTR_PHYSICAL_CELL_TDD_SCC_UPLINK_DOWNLINK) - Physical Cell TDD SCC Special Subframe (RSCMWLS_ATTR_PHYSICAL_CELL_TDD_SCC_SPECIAL_SUBFRAME) - CQI Reporting CSI Report Mode (RSCMWLS_ATTR_CQI_REPORTING_CSI_REPORT_MODE) - Connection Multicluster UL (RSCMWLS_ATTR_CONNECTION_MULTICLUSTER_UL) - Connection SCC Multicluster UL (RSCMWLS_ATTR_CONNECTION_SCC_MULTICLUSTER_UL) - Connected DRX sr-PUCCH Resource Index (RSCMWLS_ATTR_CONNECTED_DRX_SR_PUCCH_RESOURCE_INDEX)	

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Driver history for LabWindows/CVI and VXIplug&play driver		
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		- Connected DRX sr-Config Index (RSCMWLS_ATTR_CONNECTED_DRX_SR_CONFIG_INDEX) - Connection UL HARQ (RSCMWLS_ATTR_CONNECTION_UL_HARQ) - Connection UL HARQ Transmissions (RSCMWLS_ATTR_CONNECTION_UL_HARQ_TRANSMISSIONS) - SMS Outgoing Protocol Identifier (RSCMWLS_ATTR_SMS_OUTGOING_PROTOCOL_IDENTIFIER) - SMS Outgoing Last Message Sent (RSCMWLS_ATTR_SMS_OUTGOING_LAST_MESSAGE_SENT) * Modified attributes: - SCC User Defined Channel Number Downlink Minimum (RSCMWLS_ATTR_SCC_NUM_USER_DEFINED_CHANNEL_NUMBER_DL_MIN) - SCPI command changed - SCC User Defined Channel Number Downlink Maximum (RSCMWLS_ATTR_SCC_NUM_USER_DEFINED_CHANNEL_NUMBER_DL_MAX) - SCPI command changed - SCC User Defined Channel Frequency Downlink Minimum (RSCMWLS_ATTR_SCC_NUM_USER_DEFINED_CHANNEL_FREQUENCY_DL_MIN) - SCPI command changed - Query SCC User Defined Channel Frequency Downlink Maximum (RSCMWLS_ATTR_QUERY_SCC_NUM_USER_DEFINED_CHANNEL_FREQUENCY_DL_MAX) - SCPI command changed - Fading Simulator Standard Profile (RSCMWLS_ATTR_FADING_SIMULATOR_STANDARD_PROFILE) - SCPI command changed from STANdard to PROFile - Fading Simulator Profile (RSCMWLS_ATTR_FADING_SIMULATOR_PROFILE) - SCPI command changed from STANdard to PROFile - Fading Simulator SCC Standard Profile (RSCMWLS_ATTR_FADING_SIMULATOR_SCC_STANDARD_PROFILE) - SCPI command changed from STANdard to PROFile - Fading Simulator SCC Profile (RSCMWLS_ATTR_FADING_SIMULATOR_SCC_NUM_PROFILE) - SCPI command changed from STANdard to PROFile - Connection PCC Codewords Layers (RSCMWLS_ATTR_CONNECTION_PCC_TM9_CODEWORDS_LAYERS) - SCPI command changed - Connection PCC Precoding Matrix (RSCMWLS_ATTR_CONNECTION_PCC_TM9_PRECODING_MATRIX) - SCPI command changed - Connection SCC Codewords Layers (RSCMWLS_ATTR_CONNECTION_SCC_TM9_CODEWORDS_LAYERS) - SCPI command changed - Connection SCC Precoding Matrix Advanced (RSCMWLS_ATTR_CONNECTION_SCC_TM9_PRECODING_MATRIX) - SCPI command changed * Modified Repeated Capabilities: - Scc - Identifiers ("SCC1,SCC2,SCC3", "SCC1,SCC2") - Scc - Command Values ("1,2,3", "1,2") * Modified Range Tables: - rscmwls_rngBand.RSCMWLS_VAL_BAND_OB29 - RSCMWLS_ATTR_OPERATING_BAND, RSCMWLS_ATTR_SCC_OPERATING_BAND, RSCMWLS_ATTR_SCC_NUM_OPERATING_BAND Help changed ("Operating Band 29", "Operation Band 29") - rscmwls_rngBand.RSCMWLS_VAL_BAND_OB30 - RSCMWLS_ATTR_OPERATING_BAND, RSCMWLS_ATTR_SCC_OPERATING_BAND, RSCMWLS_ATTR_SCC_NUM_OPERATING_BAND Help changed ("Operating Band 30", "Operation Band 30") - rscmwls_rngBand.RSCMWLS_VAL_BAND_OB31 - RSCMWLS_ATTR_OPERATING_BAND, RSCMWLS_ATTR_SCC_OPERATING_BAND, RSCMWLS_ATTR_SCC_NUM_OPERATING_BAND Help changed ("Operating Band 31", "Operation Band 31")

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		- rscmwls_rngBand - RSCMWLS_ATTR_OPERATING_BAND, RSCMWLS_ATTR_SCC_OPERATING_BAND, RSCMWLS_ATTR_SCC_NUM_OPERATING_BAND New items: RSCMWLS_VAL_BAND_OB32, RSCMWLS_VAL_BAND_OB252, RSCMWLS_VAL_BAND_OB255 - rscmwls_rngPowerOffsetPA.RSCMWLS_VAL_POWER_OFFSET_ZERO - RSCMWLS_ATTR_DOWNLINK_POWER_OFFSET_PA, RSCMWLS_ATTR_DOWNLINK_SCC_POWER_OFFSET_PA, RSCMWLS_ATTR_DOWNLINK_SCC_NUM_POWER_OFFSET_PA Description changed ("0 dB", "") - rscmwls_rngPowerOffsetPA.RSCMWLS_VAL_POWER_OFFSET_N3DB - RSCMWLS_ATTR_DOWNLINK_POWER_OFFSET_PA, RSCMWLS_ATTR_DOWNLINK_SCC_POWER_OFFSET_PA, RSCMWLS_ATTR_DOWNLINK_SCC_NUM_POWER_OFFSET_PA Description changed ("-3 dB", "") - rscmwls_rngPowerOffsetPA.RSCMWLS_VAL_POWER_OFFSET_N6DB - RSCMWLS_ATTR_DOWNLINK_POWER_OFFSET_PA, RSCMWLS_ATTR_DOWNLINK_SCC_POWER_OFFSET_PA, RSCMWLS_ATTR_DOWNLINK_SCC_NUM_POWER_OFFSET_PA Description changed ("-6 dB", "") - rscmwls_rngULResourceBlock - RSCMWLS_ATTR_RMC_UPLINK_RESOURCE_BLOCK_POSITION, RSCMWLS_ATTR_SCC_NUM_RMC_UPLINK_RESOURCE_BLOCK_POSITION New items: RSCMWLS_VAL_RB_UL_P0, RSCMWLS_VAL_RB_UL_P6, RSCMWLS_VAL_RB_UL_P8, RSCMWLS_VAL_RB_UL_P12, RSCMWLS_VAL_RB_UL_P22, RSCMWLS_VAL_RB_UL_P24, RSCMWLS_VAL_RB_UL_P45, RSCMWLS_VAL_RB_UL_P68, RSCMWLS_VAL_RB_UL_P96 - rscmwls_rngUserDefinedChannelNumber - RSCMWLS_ATTR_USER_DEFINED_CHANNEL_NUMBER_DL_MIN, RSCMWLS_ATTR_USER_DEFINED_CHANNEL_NUMBER_DL_MAX, RSCMWLS_ATTR_USER_DEFINED_CHANNEL_NUMBER_UL_MIN, RSCMWLS_ATTR_SCC_USER_DEFINED_CHANNEL_NUMBER_DL_MIN, RSCMWLS_ATTR_SCC_USER_DEFINED_CHANNEL_NUMBER_DL_MAX, RSCMWLS_ATTR_USER_DEFINED_CHANNEL_NUMBER, RSCMWLS_ATTR_SCC_USER_DEFINED_CHANNEL_NUMBER, RSCMWLS_ATTR_SCC_NUM_USER_DEFINED_CHANNEL_NUMBER_DL_MIN, RSCMWLS_ATTR_SCC_NUM_USER_DEFINED_CHANNEL_NUMBER_DL_MAX, RSCMWLS_ATTR_SCC_USER_DEFINED_CHANNEL_NUMBER_UL_MIN Range changed to <0;1000000> - rscmwls_rngUECapabilitiesCategoryInformation - RSCMWLS_ATTR_UE_CAPABILITIES_CATEGORY_INFORMATION Range changed to <0;15> - rscmwls_rngPhysicalCellTDDSpecialSubframe - RSCMWLS_ATTR_PHYSICAL_CELL_TDD_SPECIAL_SUBFRAME, RSCMWLS_ATTR_PHYSICAL_CELL_TDD_SCC_SPECIAL_SUBFRAME Range changed to <0;9> - rscmwls_rngFadingSimulatorRestartMode - RSCMWLS_ATTR_FADING_SIMULATOR_RESTART_MODE, RSCMWLS_ATTR_FADING_SIMULATOR_SCC_RESTART_MODE, RSCMWLS_ATTR_FADING_SIMULATOR_SCC_NUM_RESTART_MODE New items: RSCMWLS_VAL_FADING_RESTART_MODE_TRIGGER - rscmwls_rngCSFallbackCellTarget.RSCMWLS_VAL_CSFB_GSM - RSCMWLS_ATTR_CIRCUIT_SWITCHED_FALLBACK_CELL_TARGET

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		Description changed ("GSM", "") - rscmwls_rngCSFallbackCellTarget.RSCMWLS_VAL_CSFB_WCDMA - RSCMWLS_ATTR_CIRCUIT_SWITCHED_FALLBACK_CELL_TARGET Description changed ("WCDMA", "") - rscmwls_rngCSFallbackCellTarget - RSCMWLS_ATTR_CIRCUIT_SWITCHED_FALLBACK_CELL_TARGET New items: RSCMWLS_VAL_CSFB_TDSCDMA - rscmwls_rngDCIFormat - RSCMWLS_ATTR_CONNECTION_MIMO_DCI_FORMAT_PCC, RSCMWLS_ATTR_CONNECTION_MIMO_DCI_FORMAT_SCC, RSCMWLS_ATTR_CONNECTION_MIMO_DCI_FORMAT_SCC_NUM New items: RSCMWLS_VAL_MIMO_DCI_FORMAT_D2C
3.5.100	03/2015	* Support for CMW version 3.5.10 * New functions: - rscmwls_ConfigureSignalRoutingTwo2CCCA4RFOutDistributedFixScenario - rscmwls_ConfigureSignalRoutingTwo2CCCAFading4RFOutDistributedScenarioInternal - rscmwls_ConfigureSignalRoutingTwo2CCCAFading4RFOutDistributedScenarioExternal - rscmwls_ConfigureSignalRouting3CCCA6RFOutFixScenario - rscmwls_ConfigureSignalRouting3CCCAFading6RFOutFixScenarioInternal - rscmwls_ConfigureSignalRouting3CCCAFading6RFOutFixScenarioExternal - rscmwls_ConfigureSignalRouting4CCCA8RFOutFixScenario - rscmwls_ConfigureDuplexModeCell RSCMWLS_ATTR_SCC_NUM_DUPLEX_MODE - rscmwls_ConfigureULPowerPUSCH RSCMWLS_ATTR_UPLINK_SCC_NUM_OPEN_LOOP_NOMINAL_POWER - rscmwls_QueryPRACHPowerCell RSCMWLS_ATTR_UPLINK_SCC_NUM_BASIC_PRACH_POWER_REFERENCE_SIGNAL_POWER RSCMWLS_ATTR_UPLINK_SCC_NUM_BASIC_PRACH_POWER_PREAMBLE_INITIAL_RECEIVED_POWER RSCMWLS_ATTR_UPLINK_SCC_NUM_BASIC_PRACH_POWER_P0_NOMINAL_PUSCH RSCMWLS_ATTR_UPLINK_SCC_NUM_BASIC_PRACH_POWER_PATHLOSS_COMPENSATION_ALPHA RSCMWLS_ATTR_UPLINK_SCC_NUM_PRACH_POWER_PATHLOSS RSCMWLS_ATTR_UPLINK_SCC_NUM_PRACH_POWER_EXPECTED_PRACH_PREAMBLE_POWER RSCMWLS_ATTR_UPLINK_SCC_NUM_PRACH_POWER_EXPECTED_OL_POWER - rscmwls_ConfigureAdvancedPRACHPowerCell RSCMWLS_ATTR_UPLINK_SCC_NUM_ADVANCED_PRACH_POWER RSCMWLS_ATTR_UPLINK_SCC_NUM_ADVANCED_PRACH_POWER_REFERENCE_SIGNAL_POWER RSCMWLS_ATTR_UPLINK_SCC_NUM_ADVANCED_PRACH_POWER_PREAMBLE_INITIAL_RECEIVED_POWER RSCMWLS_ATTR_UPLINK_SCC_NUM_ADVANCED_PRACH_POWER_P0_NOMINAL_PUSCH RSCMWLS_ATTR_UPLINK_SCC_NUM_ADVANCED_PRACH_POWER_PATHLOSS_COMPENSATION_ALPHA - rscmwls_ConfigureAdvancedTogglingAtRRCSettingsCell RSCMWLS_ATTR_UPLINK_SCC_NUM_P0_UE_PUSCH_TOGGLING - rscmwls_QueryPOUEPUSCHTogglingStateCell

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Instruments: CMW500		
Revision	Date	Note
		RSCMWLS_ATTR_QUERY_UPLINK_SCC_NUM_P0_UE_PUSCH_TOGGLING_STATE - rscmwls_ConfigureTXPowerControlSingleCell - rscmwls_ConfigureTXPowerControlSingleExecuteCell RSCMWLS_ATTR_TX_POWER_CONTROL_SINGLE_EXECUTE_SCC_NUM - rscmwls_ConfigureTXPowerControl3GPPPatternCell RSCMWLS_ATTR_TX_POWER_CONTROL_3GPP_PATTERN_SCC_NUM - rscmwls_ConfigureTXPowerControlSettingTypeCell RSCMWLS_ATTR_TX_POWER_CONTROL_SETTING_TYPE_SCC_NUM - rscmwls_ConfigureTXPowerControlTargetPowerCell RSCMWLS_ATTR_TX_POWER_CONTROL_TARGET_POWER_SCC_NUM - rscmwls_ConfigureTXPowerControlPUCCHTargetPowerCell RSCMWLS_ATTR_TX_POWER_CONTROL_PUCCH_TARGET_POWER_SCC_NUM - rscmwls_ConfigureBeamformingModel - SCC2, bug in old function name - rscmwls_ConfigureBeamformingMatrix - SCC2, bug in old function name - rscmwls_ConfigureMIMOTM9Parameters RSCMWLS_ATTR_CONNECTION_PCC_TM9_NUMBER_TX_ANTENNAS RSCMWLS_ATTR_CONNECTION_SCC_TM9_NUMBER_TX_ANTENNAS RSCMWLS_ATTR_CONNECTION_PCC_TM9_CODEWORDS_LAYERS RSCMWLS_ATTR_CONNECTION_SCC_TM9_CODEWORDS_LAYERS - rscmwls_ConfigureMIMOTM9PrecodingMatrix RSCMWLS_ATTR_CONNECTION_PCC_TM9_PRECODING_MATRIX RSCMWLS_ATTR_CONNECTION_SCC_TM9_PRECODING_MATRIX - rscmwls_ConfigureMIMOTM9CSIRSParameters RSCMWLS_ATTR_CONNECTION_PCC_TM9_CSIRS_POWER RSCMWLS_ATTR_CONNECTION_SCC_TM9_CSIRS_POWER RSCMWLS_ATTR_CONNECTION_PCC_TM9_CSIRS_ANTENNA_PORTS RSCMWLS_ATTR_CONNECTION_SCC_TM9_CSIRS_ANTENNA_PORTS RSCMWLS_ATTR_CONNECTION_PCC_TM9_CSIRS_CONFIGURATION RSCMWLS_ATTR_CONNECTION_SCC_TM9_CSIRS_CONFIGURATION RSCMWLS_ATTR_CONNECTION_PCC_TM9_CSIRS_SUBFRAME_CFG RSCMWLS_ATTR_CONNECTION_SCC_TM9_CSIRS_SUBFRAME_CFG - rscmwls_ConfigureMIMOTM9ZeroPowerParameters RSCMWLS_ATTR_CONNECTION_PCC_TM9_ZERO_POWER RSCMWLS_ATTR_CONNECTION_SCC_TM9_ZERO_POWER RSCMWLS_ATTR_CONNECTION_PCC_TM9_ZERO_POWER_SUBFRAME_CFG RSCMWLS_ATTR_CONNECTION_SCC_TM9_ZERO_POWER_SUBFRAME_CFG - rscmwls_ConfigureMIMOTM9Matrix - rscmwls_ConfigurePDCCHAgregationLevel - rscmwls_ConfigurePDCCHSymbols RSCMWLS_ATTR_CONNECTION_CONFIGURE_PDCCH_SYMBOLS RSCMWLS_ATTR_CONNECTION_SCC_NUM_CONFIGURE_PDCCH_SYMBOLS - rscmwls_ConfigureSCCUseUL RSCMWLS_ATTR_CONNECTION_SCC_NUM_USE_UL - rscmwls_ConnectionCopyPCCToSCC RSCMWLS_ATTR_CONNECTION_COPY_PCC_TO_SCC_NUM - rscmwls_ConfigureTimingAdvanceControl RSCMWLS_ATTR_TIMING_ADVANCE_CONTROL - rscmwls_ConfigureDuplexModeUseCarrierSpecific RSCMWLS_ATTR_DUPLEX_MODE_USE_CARRIER_SPECIFIC - rscmwls_ConfigureRFSignalFrequencyDiffOffsets RSCMWLS_ATTR_UPLINK_CHANNEL_FREQUENCY_DIFFERENT_OFFSETS - rscmwls_ConfigureUplinkPowerMaximumCell RSCMWLS_ATTR_UPLINK_SCC_NUM_POWER_MAXIMUM

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_QueryUplinkMaximumThroughputCell RSCMWLS_ATTR_CONNECTION_UPLINK_MAXIMUM_THROUGHPUT_SCC_NUM - rscmwls_FetchIntermediateAbsoluteBLERResults - rscmwls_FetchIntermediateRelativeBLERResults - rscmwls_FetchIntermediateSingleStreamDLAbsBLERResults - rscmwls_FetchIntermediateSingleStreamDLRelBLERResults - rscmwls_ConfigureSignalRouting3CCCA3RFOutScenario - rscmwls_ConfigureSignalRouting3CCCAPCCMIMO4RFOutScenario - rscmwls_ConfigureSignalRouting3CCCASCC1MIMO4RFOutScenario - rscmwls_ConfigureRFSignalInputAttenuation - rscmwls_ConfigureRFSignalOutputAttenuation - rscmwls_ApplyNetworkTimeatAttach - rscmwls_ApplyNetworkTimeNow * Modified functions: - rscmwls_SelectComponentCarrier - SCC2 - rscmwls_ConfigureIQIn - SCC2 - rscmwls_QueryIQOut - SCC2 - rscmwls_ConfigureSignalRoutingStandardCellFading - help - rscmwls_ConfigureRFSignalAttenuationMIMOOutput - SCC2 - rscmwls_ConfigureRFSignalFrequency - SCC2 - rscmwls_ConfigureRFSignalFrequencyOffset - SCC2 - rscmwls_ConfigureRFSignalBandIndicator - SCC2 - rscmwls_ConfigureRFSignalUserDefinedChannelNumber - SCC2 - rscmwls_ConfigureMinimumDownlinkChannelFrequency - SCC2 - rscmwls_QueryUserDefinedResultingFrequencies - SCC2 - rscmwls_ConfigureSCCSettings - SCC2 - rscmwls_ConfigureFadingSimulator - SCC2 - rscmwls_RestartFadingSimulator - SCC2 - rscmwls_ConfigureFadingSimulatorDopplerFrequency - SCC2 - rscmwls_QueryInternalFadingNoisePowerValues - SCC2 - rscmwls_ConfigureFadingModuleAWGN - SCC2 - rscmwls_QueryFadingModuleAWGNNoiseBandwidth - SCC2 - rscmwls_ConfigureDownlinkPowerLevels - SCC2 - rscmwls_ConfigureDownlinkPowerPDSCH - SCC2 - rscmwls_ConfigureDownlinkPowerAWGNLevel - SCC2 - rscmwls_ConfigureTXPowerControlUserDefinedPattern - help changed - rscmwls_ConfigurePhysicalCellSetup - SCC2 - rscmwls_ConfigureNetworkIdentitySettings - SCC2 - rscmwls_ConfigureSynchronizationTimingOffset - SCC2 - rscmwls_ConfigureCQIPMIConfigIndex - SCC2 - rscmwls_ConfigureCQIPMIConfigIndexTDD - SCC2 - rscmwls_QueriesCQIPMIReportingIntervals - SCC2 - rscmwls_ConnectionSwapPCCWithSCC - SCC2 - rscmwls_ConfigureMIMOSettings - SCC2 - rscmwls_ConfigureAntennaConfiguration -SCC2 - rscmwls_QueryTransmissionScheme - SCC2 - rscmwls_ConfigurePrecodingMatrix - SCC2 - rscmwls_ConfigureStaticChannelModelState - SCC2 - rscmwls_ConfigureStaticChannelCoefficients - SCC2 - rscmwls_ConfigureStaticChannelCoefficientsMIMO - SCC2 - rscmwls_ConfigureSchedulingType - SCC2 - rscmwls_ConfigureConnectionUseStream1Settings - SCC2	

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureReducedPDCCH - SCC2 - rscmwls_QueryNumberOfPDCCHSymbols - SCC2 - rscmwls_QueryPDCCHAggregationLevels - SCC2 - rscmwls_ConfigureRMCDownlinkSettings - SCC2 - rscmwls_ConfigureRMCDownlinkVersion - SCC2 - rscmwls_ConfigureRMCDownlinkResourceBlockPosition - SCC2 - rscmwls_ConfigureRMCUplinkSettings - SCC, transport block sized index added - rscmwls_ConfigureUserDefinedChannelDownlink - SCC2 - rscmwls_ConfigureUserDefinedTTIBased - SCC2 - rscmwls_ConfigureUserDefinedTTIBasedAll - SCC2 - rscmwls_ConfigureTTICQI - SCC2 - rscmwls_ConfigureTTICQIAll - SCC2 - rscmwls_QueryTTICQI - SCC2 - rscmwls_ConfigureCQIFollowWB - SCC2 - rscmwls_QueryCQIFollowWBAutomaticallyDeterminedMappingTable - SCC2 - rscmwls_ConfigureCQIPMIRIFollowWB - SCC2 - rscmwls_QueryCQIPMIRIFollowWBAutomaticallyDeterminedMappingTable - SCC2 - rscmwls_ConfigureSPSInterval - reset value - rscmwls_ConfigureBLERConfidenceStopDecision - rscmwls_ConfigureRMCUplinkResourceBlockPosition - SCC - rscmwls_ConfigureUserDefinedChannelUplink - SCC - rscmwls_QueryUserDefinedChannelDownlinkCodeRate - SCC2 - rscmwls_QueryUserDefinedChannelUplinkCodeRate - SCC - rscmwls_QueryUserDefinedTTIBasedDownlinkCodeRate - SCC2 - rscmwls_QueryUserDefinedTTIBasedUplinkCodeRate - SCC - rscmwls_QuerySCCState - SCC2 - rscmwls_FetchAbsoluteBLERResults - SCC2 - rscmwls_FetchRelativeBLERResults - SCC2 - rscmwls_FetchSingleStreamDownlinkAbsoluteBLERResults - SCC2 - rscmwls_FetchSingleStreamDownlinkRelativeBLERResults - SCC2 - rscmwls_FetchBLERConfidenceResult - SCC2 - rscmwls_FetchSingleStreamDownlinkCQIBLERResults - SCC2 - rscmwls_FetchAbsoluteExtendedBLERHARQPerSubframeResults - SCC2 - rscmwls_FetchRelativeExtendedBLERHARQPerSubframeResults - SCC2 - rscmwls_FetchAbsoluteExtendedBLERHARQPerTransmissionResults - SCC2 - rscmwls_FetchRelativeExtendedBLERHARQPerTransmissionResults - SCC2 - rscmwls_FetchExtendedBLERPMIRIResults - SCC2 - rscmwls_FetchExtendedBLERRankIndicatorResults - SCC2 - rscmwls_FetchBLERSingleStreamDownlinkCQITrace - SCC2 - rscmwls_FetchBLERSingleStreamDownlinkThroughputTrace - SCC2 - rscmwls_FetchBLERThroughputTrace - SCC2 - rscmwls_FetchBLERSingleStreamDownlinkMedianCQITrace -SCC2 - rscmwls_QueryRFSignalRoutingSettings - rscmwls_QueryRFSignalRoutingActiveScenario - rscmwls_QuerySingleStreamDownlinkThroughput - SCC2 - rscmwls_QueryPCCSCCSumStreamsDownlinkThroughput - SCC2 - rscmwls_QueryDownlinkFullCellBWPower - SCC2 - rscmwls_QueryFadingSimulatorClippedSamples - SCC2 - rscmwls_QueryUEMeasurementRSRP - SCC2 - rscmwls_QueryUEMeasurementRSRQ - SCC2 - rscmwls_QueryUEMeasurementIndexRange - SCC2 - rscmwls_QueryUEMeasurementServingCells - SCC2 - rscmwls_QueryUEMeasurementServingCellsRange - SCC2

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureSignalRoutingTwoRFOutPortsScenario - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenario - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenarioIQBoard - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenarioExternal - rscmwls_ConfigureSignalRouting2CCCAFading2RFOutScenarioInternal - rscmwls_ConfigureSignalRouting2CCCAFading2RFOutScenarioInternal - rscmwls_ConfigureSignalRouting1CellFading4x2MIMO2RFOutScenarioInternal - rscmwls_ConfigureSignalRouting1CellFading4x2MIMO2RFOutScenarioExternal - rscmwls_ConfigureSignalRoutingTwo2CCCA2RFOutScenario - rscmwls_ConfigureSignalRoutingTwo2CCCA4RFOutScenario - rscmwls_ConfigureConnectionSettings
3.2.811	01/2015	* Fixed 64bit version
3.2.810	10/2014	* Update for firmware version 3.2.810 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * New subsystems: - Dedicated Bearer Preparation - SPS - Throughput * New functions: - rscmwls_ConfigureSignalRouting1CellFading4x2MIMO2RFOutScenarioInternal - rscmwls_ConfigureSignalRouting1CellFading4x2MIMO2RFOutScenarioExternal - rscmwls_ConfigureRFSignalFrequencyDifferentOffsets - rscmwls_QueryUEInfoVoiceDomainPreference - rscmwls_QueryUEInfoUsageSetting - rscmwls_QueryUEInfoDedicatedBearer - rscmwls_ConfigureUEMeasurementReportsFilterCoefficients - rscmwls_QueryUECapabilitiesFeatureGroupIndicatorsAddEutra - rscmwls_QueryUECapabilitiesFeatureGroupIndicatorsRel9 - rscmwls_QueryUECapabilitiesFeatureGroupIndicatorsRel9AddEutra - rscmwls_QueryUECapabilitiesFeatureGroupIndicatorsRel10 - rscmwls_QueryUECapabilitiesFeatureGroupIndicatorsRel10AddEutra - rscmwls_QueryUECapabilitiesDeviceType - rscmwls_QueryUECapabilitiesRACHReport - rscmwls_QueryRFParametersSupportedBandCombination - rscmwls_QueryRFParametersSupportedBandBandwidthCombinationSet - rscmwls_QueryRFParametersSupportedBandCombinationBandwidthClasses - rscmwls_QueryRFParametersSupportedBandCombinationMIMOCapability - rscmwls_QueryUESpecificReferenceSignalsSupportedAddEutra - rscmwls_QueryUESpecificReferenceSignalsSupportedAddEutra - rscmwls_QueryUETXAntennaSelectionSupportedAddEutra - rscmwls_QueryUEEnhancedDualLayerSupported - rscmwls_QueryUETwoAntennaPortsForPUCCHSupported - rscmwls_QueryUETwoAntennaPortsForPUCCHSupportedAddEutra - rscmwls_QueryUETM9With8TXSupported - rscmwls_QueryUETM9With8TXSupportedAddEutra - rscmwls_QueryUEPMIDisablingSupported - rscmwls_QueryUEPMIDisablingSupportedAddEutra - rscmwls_QueryUECrossCarrierSchedulingSupported - rscmwls_QueryUECrossCarrierSchedulingSupportedAddEutra - rscmwls_QueryUESimultaneousPUCCHPUSCHSupported - rscmwls_QueryUESimultaneousPUCCHPUSCHSupportedAddEutra

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_QueryUEMultiClusterPUSCHWithinCCSupported - rscmwls_QueryUEMultiClusterPUSCHWithinCCSupportedAddEutra - rscmwls_QueryUENonContiguousULRAWithinCCListSupported - rscmwls_QueryUENonContiguousULRAWithinCCListSupportedAddEutra - rscmwls_QueryInterFrequencyNeedForGapsV1020 - rscmwls_QueryUTRAFDDInterRATNeedForGapsV1020 - rscmwls_QueryUTRAFDDInterRATNeedForGapsTDD - rscmwls_QueryUTRAFDDInterRATNeedForGapsTDDV1020 - rscmwls_QueryGERANInterRATNeedForGapsV1020 - rscmwls_QueryCDMA2000HRPDInterRATNeedForGapsV1020 - rscmwls_QueryCDMA20001xRTTInterRATNeedForGapsV1020 - rscmwls_QueryInterRATUTRAFDDERedirection - rscmwls_QueryInterRATUTRAFDDERedirectionAddEutra - rscmwls_QueryInterRATUTRATDDERedirection - rscmwls_QueryInterRATUTRATDDERedirectionAddEutra - rscmwls_QueryInterRATGERANConfigurationAddEutra - rscmwls_QueryInterRATGERANSettings - rscmwls_QueryInterRATCDMA20001xRTTECSFBSettings - rscmwls_QueryInterRATCDMA20001xRTTECSFBSettingsAddEutra - rscmwls_QueryCSGProximityIndications - rscmwls_QueryNeighborCellSIAcquisitionForHO - rscmwls_QueryNeighborCellSIAcquisitionForHOAddEutra - rscmwls_QueryBasedNetworkPerformance - rscmwls_ConfigureCQIReportingPMIRI - rscmwls_ConfigureConnectionExternalDAU - rscmwls_ConfigureConnectionDownlinkDefaultBearer - rscmwls_ConfigureConnectionTTIBundling - rscmwls_ConfigureConnectionTTIBundling - rscmwls_ConfigureCQIFollowWBPMI - rscmwls_ConfigureCQIRIFollowWB - rscmwls_QueryCQIRIFollowWBAutomaticallyDeterminedMappingTable - rscmwls_ConfigureCQIPMIRIFollowWB - rscmwls_QueryCQIPMIRIFollowWBAutomaticallyDeterminedMappingTable - rscmwls_SMSOutgoingServiceCenterTimeStampSource - rscmwls_SMSOutgoingServiceCenterTimeStampDate - rscmwls_ConfigureBLERConfidenceStopDecision - rscmwls_FetchBLERConfidenceResultAll * Modified functions: - rscmwls_QueryRFSignalRoutingSettings - Scenario Nr. 10 - rscmwls_QueryRFSignalRoutingActiveScenario - Scenario Nr. 10 - rscmwls_ConfigureRFSignalFrequencyOffset - SCC - rscmwls_ConfigureSchedulingType - SPS, FPMI, FCPRi and FCRI - rscmwls_FetchBLERConfidenceResult - SCC, Undefined
3.2.700	04/2014	* Update for firmware version 3.2.70.xx * New functions: - rscmwls_ConfigureSpeechCodec - rscmwls_ConfigureSignalRoutingFourRFOutPortsScenario - rscmwls_ConfigureSignalRouting2CCCAFading2RFOutScenarioInternal - rscmwls_ConfigureSignalRouting2CCCAFading2RFOutScenarioExternal - rscmwls_ConfigureSignalRoutingTwo2CCCAFading4RFOutScenarioInternal - rscmwls_ConfigureSignalRoutingTwo2CCCAFading4RFOutScenarioExternal - rscmwls_ConfigureSignalRoutingTwo2CCCA2RFOutScenario - rscmwls_ConfigureSignalRoutingTwo2CCCA4RFOutScenario

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureUEMeasurementCycleSCell - rscmwls_ConfigurePhysicalCellSRS - rscmwls_ConfigureCellReselectionAdditional - rscmwls_ConnectionSwapPCCWithSCC - rscmwls_ConfigureMIMOSettings - rscmwls_QueryTransmissionScheme - rscmwls_ConfigureBeamforgingModel - rscmwls_ConfigureBeamforgingMatrix - rscmwls_ConfigureConnectionUseStream1Settings - rscmwls_ConfigureConnectedDRXULDynamicScheduling - rscmwls_ConfigureRMCDownlinkVersion - rscmwls_SMSOutgoingBinaryMessageText - rscmwls_SMSOutgoingSettings - rscmwls_QuerySMSIncomingDataCoding * Modified functions: - rscmwls_ConfigureIQIn - SCC - rscmwls_QueryIQOut - SCC - rscmwls_QueryRFSignalRoutingSettings - More scenarios - rscmwls_QueryRFSignalRoutingActiveScenario - More scenarios - rscmwls_ConfigureRFSignalAttenuationMIMOOutput - Stream range - rscmwls_ConfigureHandoverPrepare - NS16 - NS20 - rscmwls_QueryUEMeasurementRSRP - SCC - rscmwls_QueryUEMeasurementRSRQ - SCC - rscmwls_QueryUEMeasurementIndexRange - SCC - rscmwls_QueryUEMeasurementServingCells - SCC - rscmwls_QueryUEMeasurementServingCellsRange - SCC - rscmwls_QueryFadingSimulatorClippedSamples - SCC - rscmwls_ConfigureFadingSimulatorDopplerFrequency - SCC - rscmwls_ConfigureUplinkPowerMaximum - Maximum - rscmwls_ConfigureTXPowerControlTargetPower - Maximum - rscmwls_ConfigureCellReselection - S intrasearch Value range - rscmwls_ConfigureRejectCauses - C13 - rscmwls_ConfigureCQIPMIConfigIndex - SCC - rscmwls_ConfigureCQIPMIConfigIndexTDD - SCC - rscmwls_QueriesCQIPMIReportingIntervals - SCC - rscmwls_ConfigureConnectionSettings - NS16 - NS20 - rscmwls_ConfigureRMCDownlinkSettings - N32, N45, N60 - rscmwls_ConfigureRMCUplinkSettings - N32, N45, N60 - rscmwls_ConfigureRMCUplinkResourceBlockPosition - Values 13-28 - rscmwls_FetchAbsoluteExtendedBLERHARQPerSubframeResults - SCC - rscmwls_FetchRelativeExtendedBLERHARQPerSubframeResults - SCC - rscmwls_FetchAbsoluteExtendedBLERHARQPerTransmissionResults - SCC - rscmwls_FetchRelativeExtendedBLERHARQPerTransmissionResults - SCC - rscmwls_FetchExtendedBLERRankIndicatorResults - SCC - rscmwls_FetchExtendedBLERPMIRIResults - SCC
3.2.500	11/2013	* Update for firmware version 3.2.50.xx * New features: - Secondary Component Carrier (SCC) - Synchronization Settings * New functions: - rscmwls_ConfigureSCCActivationMode - rscmwls_ConfigureRFSignalExternalDelayCompensation - rscmwls_ConfigureHandoverMobilityMode

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureTXPowerControl3GPPPattern - rscmwls_ConfigureSynchronizationZone - rscmwls_ConfigureSynchronizationTimingOffset - rscmwls_ConfigureRRCConnectionInactivityTimeout - rscmwls_QueryPCCSCCSumStreamsDownlinkThroughput - rscmwls_QuerySCCState - rscmwls_ConfigureSCCSettings - rscmwls_SelectComponentCarrier * Modified functions: - rscmwls_QueryRFSignalRoutingSettings - rscmwls_ConfigureRFSignalAttenuation - rscmwls_ConfigureTXPowerControlSettingType - rscmwls_ConfigureIntegrityAlgorithm -The default value was changed. - rscmwls_ConfigureAcceptMultipleDefaultBearerState - rscmwls_ConfigureReducedPDCCH - rscmwls_QueryNumberOfPDCCHSymbols - rscmwls_ConfigureAntennaConfiguration - rscmwls_ConfigureRFSignalAttenuationMIMOOutput - rscmwls_ConfigureRFSignalFrequency - rscmwls_ConfigureRFSignalBandIndicator - rscmwls_ConfigureRFSignalUserDefinedChannelNumber - rscmwls_QueryUserDefinedResultingFrequencies - rscmwls_ConfigureMinimumDownlinkChannelFrequency - rscmwls_ConfigureDownlinkPowerLevels - rscmwls_ConfigureDownlinkPowerPDSCH - rscmwls_ConfigureDownlinkPowerAWGNLevel - rscmwls_QueryDownlinkFullCellBWPower - rscmwls_ConfigurePhysicalCellSetup - rscmwls_ConfigureNetworkIdentitySettings - rscmwls_ConfigurePDSCHTransmissionScheme - rscmwls_ConfigurePrecodingMatrix - rscmwls_ConfigureStaticChannelModelState - rscmwls_QuerySingleStreamDownlinkThroughput - rscmwls_ConfigureRMCDownlinkResourceBlockPosition - rscmwls_ConfigureSchedulingType - rscmwls_QueryPDCCHAggregationLevels - rscmwls_ConfigureUserDefinedChannelDownlink - rscmwls_QueryUserDefinedChannelDownlinkCodeRate - rscmwls_ConfigureUserDefinedTTIBased - rscmwls_ConfigureUserDefinedTTIBasedAll - rscmwls_QueryUserDefinedTTIBasedDownlinkCodeRate - rscmwls_ConfigureStaticChannelCoefficientsMIMO - rscmwls_ConfigureStaticChannelCoefficients - rscmwls_ConfigureRMCDownlinkSettings - rscmwls_FetchBLERThroughputTrace - rscmwls_FetchBLERSingleStreamDownlinkThroughputTrace - rscmwls_FetchAbsoluteBLERResults - rscmwls_FetchRelativeBLERResults - rscmwls_FetchSingleStreamDownlinkAbsoluteBLERResults - rscmwls_FetchSingleStreamDownlinkRelativeBLERResults - rscmwls_ConfigureTTICQI - rscmwls_ConfigureTTICQIAll - rscmwls_ConfigureCQIFollowWB

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_QueryCQIFollowWBAutomaticallyDeterminedMappingTable - rscmwls_ConfigureFadingSimulatorRestartMode - rscmwls_RestartFadingSimulator - rscmwls_QueryInternalFadingNoisePowerValues - rscmwls_QueryFadingModuleAWGNNoiseBandwidth - rscmwls_FetchSingleStreamDownlinkCQIBLERResults - rscmwls_FetchBLERSingleStreamDownlinkCQITrace - rscmwls_FetchBLERSingleStreamDownlinkMedianCQITrace
3.2.200	10/2013	* Update for firmware version 3.2.20.xx * New features - Connected DRX - CS Fallback (MO) * New functions: - rscmwls_QueryUEMeasurementNeighborCellsTDSCDMA - rscmwls_QueryUEMeasurementNeighborCellsTDSCDMARange - rscmwls_ConfigureFadingSimulatorDopplerFrequency - rscmwls_ConfigureAdvancedTogglingAtRRCSettings - rscmwls_QueryPOUEPUSCHTogglingState - rscmwls_ConfigurePhysicalCellNumberofIgnoredPreambles - rscmwls_ConfigureEPSNetworkFeatureSupportState - rscmwls_ConfigureEPSNetworkFeatureSupport - rscmwls_ConfigureTDSCDMANeighborCellList - rscmwls_ConfigureConnectedDRXSettings - rscmwls_ConfigureConnectedDRXTimer - rscmwls_ConfigureConnectedLongDRXCycle - rscmwls_ConfigureDRXShortCycle - rscmwls_ConfigureCircuitSwitchedFallbackCellTarget - rscmwls_ConfigureCircuitSwitchedFallbackGSMTarget - rscmwls_ConfigureCircuitSwitchedFallbackWCDMATarget - rscmwls_QueryTTICQI - rscmwls_FetchExtendedBLERRankIndicatorResults - rscmwls_FetchExtendedBLERPMIRIResults * Modified functions: - rscmwls_ConfigureFadingSimulator - rscmwls_ConfigureFadingModuleAWGN - The range table was changed - rscmwls_ConfigurePhysicalCellReceivedPreambles - The control "No Response to Preambles" is changed from Boolean to Int32 - rscmwls_ConfigureLowReselectionThreshold - rscmwls_ConfigureMinimumDownlinkChannelFrequency
3.2.100	09/2013	* Update for firmware version 3.2.10.xx * New features - Internal Fading * New functions: - rscmwls_ConfigureSignalRoutingStandardCellFadingIQBoard - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenarioIQBoard - rscmwls_ConfigureRFSignalFrequencyOffset - rscmwls_ConfigureRFSignalMixerLevelOffset - rscmwls_ConfigureUEMeasurementReportsParameters - rscmwls_QueryUEMeasurementServingCells - rscmwls_QueryUEMeasurementServingCellsRange - rscmwls_QueryUEMeasurementNeighborCellsLTE - rscmwls_QueryUEMeasurementNeighborCellsLTERange

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_QueryUEMeasurementNeighborCellsGSM - rscmwls_QueryUEMeasurementNeighborCellsGSMRange - rscmwls_QueryUEMeasurementNeighborCellsWCDMA - rscmwls_QueryUEMeasurementNeighborCellsWCDMARange - rscmwls_QueryUEMeasurementNeighborCellsCDMA2000_1xEVDO - rscmwls_QueryDownlinkFullCellBWPower - rscmwls_ConfigureAdvancedPRACHPower - rscmwls_QueryPRACHPower - rscmwls_ConfigurePhysicalCellTDD - rscmwls_ConfigureCQIPMIConfigIndexTDD - rscmwls_ConfigureAntennaConfiguration - rscmwls_ConfigureStaticChannelCoefficientsMIMO - rscmwls_ConfigureReducedPDCCH - rscmwls_QueryNumberOfPDCCHSymbols - rscmwls_QueryPDCCHAggregationLevels - rscmwls_ConfigureDLHARQ - rscmwls_ConfigureDLHARQRedundancyVersionSequence - rscmwls_QueryUserDefinedChannelDownlinkCodeRate - rscmwls_QueryUserDefinedChannelUplinkCodeRate - rscmwls_QueryUserDefinedTTIBasedDownlinkCodeRate - rscmwls_QueryUserDefinedTTIBasedUplinkCodeRate - rscmwls_ConfigureCQIFollowWB - rscmwls_QueryCQIFollowWBAutomaticallyDeterminedMappingTable - rscmwls_FetchAbsoluteExtendedBLERHARQPerSubframeResults - rscmwls_FetchRelativeExtendedBLERHARQPerSubframeResults - rscmwls_FetchAbsoluteExtendedBLERHARQPerTransmissionResults - rscmwls_FetchRelativeExtendedBLERHARQPerTransmissionResults - rscmwls_FetchExtendedBLERUplinkResults * Modified functions: - rscmwls_ConfigureSignalRoutingStandardCellFading - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenario - rscmwls_ConfigureRFSignalFrequency - rscmwls_ConfigureRFSignalBandIndicator - rscmwls_ConfigureRFSignalUserDefinedChannelNumber - rscmwls_QueryMaximumUplinkChannelNumber - rscmwls_ConfigureMinimumDownlinkChannelFrequency - rscmwls_QueryUserDefinedResultingFrequencies - rscmwls_ConfigureBandDefinitionDownlinkUplinkSeparation - rscmwls_ConfigureHandoverExternalPrepareTDSCDMA - rscmwls_ConfigureDownlinkPowerLevels - rscmwls_ConfigureDownlinkPowerPDSCH - rscmwls_ConfigureDownlinkPowerAWGNLevel - rscmwls_ConfigureUplinkPowerPUSCH - rscmwls_ConfigurePhysicalCellSetup - rscmwls_ConfigureNetworkIdentitySettings - rscmwls_ConfigureLTENeighborCellList - rscmwls_ConfigureGSMNeighborCellList - rscmwls_ConfigureWCDMANeighborCellList - rscmwls_ConfigureCDMANeighborCellList - rscmwls_ConfigureEVDONeighborCellList - rscmwls_ConfigureCQIPMIConfigIndex - rscmwls_ConfigurePDSCHTransmissionScheme - rscmwls_ConfigurePrecodingMatrix

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureStaticChannelModelState - rscmwls_ConfigureStaticChannelCoefficients - rscmwls_QuerySingleStreamDownlinkThroughput - rscmwls_ConfigureSchedulingType - rscmwls_ConfigureRMCDownlinkSettings - rscmwls_ConfigureRMCDownlinkResourceBlockPosition - rscmwls_ConfigureRMCUplinkSettings - rscmwls_ConfigureRMCUplinkResourceBlockPosition - rscmwls_ConfigureUserDefinedChannelDownlink - rscmwls_ConfigureUserDefinedChannelUplink - rscmwls_ConfigureUserDefinedTTIBased - rscmwls_ConfigureUserDefinedTTIBasedAll - rscmwls_ConfigureTTICQI - rscmwls_ConfigureTTICQIAll - rscmwls_ConfigureExtendedBLER - rscmwls_FetchBLERThroughputTrace - rscmwls_FetchBLERSingleStreamDownlinkThroughputTrace - rscmwls_FetchBLERSingleStreamDownlinkCQITrace - rscmwls_FetchBLERSingleStreamDownlinkMedianCQITrace - rscmwls_FetchAbsoluteBLERResults - rscmwls_FetchRelativeBLERResults - rscmwls_FetchSingleStreamDownlinkAbsoluteBLERResults - rscmwls_FetchSingleStreamDownlinkRelativeBLERResults - rscmwls_FetchSingleStreamDownlinkCQIBLERResults
3.0.302	05/2013	* Modified - rscmwls_ConfigureRMCDownlinkSettings - added Zero resource blocks - rscmwls_ConfigureRMCUplinkSettings - added Zero resource blocks
3.0.301	04/2013	* Modified - rscmwls_ConfigureRMCDownlinkSettings - rscmwls_ConfigureRMCUplinkSettings
3.0.300	01/2013	* Modifications: * Update for firmware version 3.0.30.x * New features - Handover to external instrument - Network Time - CQI Reporting - CQI scheduling * New - rscmwls_QueryRFSignalRoutingActiveScenario - rscmwls_ConfigureIQIn - rscmwls_QueryIQOut - rscmwls_ConfigureSignalRoutingStandardCellFadingExternal - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenarioExternal - rscmwls_QueryRRCState - rscmwls_ConfigureRejectCauses - rscmwls_ConfigureGroupHopping - rscmwls_ConfigureUECategory - rscmwls_ConfigureSIBReconfiguration - rscmwls_QueryDownlinkCodeRate - rscmwls_QueryUplinkCodeRate - rscmwls_ConfigureBLERMeasurement - rscmwls_ConfigureBLERErrorRatioCalculation

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureBLERConfidence - rscmwls_FetchBLERConfidenceResult * Changes - rscmwls_ConfigureSignalRoutingStandardCellFading - command replaced: ROUTe:LTE:SIGN<instance>:SCENario:SCFading -> ROUTe:LTE:SIGN<instance>:SCENario:SCFading:INTernal:FFADer; added converters RX 3, RX 4, TX 3, TX 4 - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenario - command replaced: ROUTe:LTE:SIGN<instance>:SCENario:TROFading -> ROUTe:LTE:SIGN<instance>:SCENario:TROFading:INTernal:FFADer - rscmwls_ConfigureRFSignalRouting - added converters RX 3, RX 4, TX 3, TX 4; added connectors 3 COM, 4 COM, Virtual A,B - rscmwls_Query RF Signal Routing Settings - API updated added new parameters: IQ Connector 1, IQ Connector 2 - rscmwls_QuerySingleStreamDownlinkThroughput - command replaced: CONFigure:LTE:SIGN<instance>:CONNection:ETHRoughput:DL:STReam<Stream>? -> SENSe:LTE:SIGN<instance>:CONNection:ETHRoughput:DL:STReam<Stream>? - rscmwls_QuerySumStreamsDownlinkThroughput - command relpaced: CONFigure:LTE:SIGN<instance>:CONNection:ETHRoughput:DL[:ALL]? -> SENSe:LTE:SIGN<instance>:CONNection:ETHRoughput:DL[:ALL]? - rscmwls_QueryUplinkMaximumThroughput - command relpaced: CONFigure:LTE:SIGN<instance>:CONNection:ETHRoughput:UL? -> SENSe:LTE:SIGN<instance>:CONNection:ETHRoughput:UL? - rscmwls_ConfigureSchedulingType - Added CQI sceduling - rscmwls_ConfigureUplinkPowerMaximum - power range incrased to 30 dBm - rscmwls_QueryIPAddress - command replaced: SENSe:LTE:SIGN<instance>:UEADdress:IPV<n>? -> SENSe:LTE:SIGN<instance>:UESinfo:UEADdress:IPV<n>? - rscmwls_ConfigureHandoverPrepare - added Band 26, 27, 28, 44; value of constants changed rscmwls_ConfigureLTENeighborCellList - rscmwls_ConfigureRFSignalFrequency - added Band 22 .. 28; TDD bands 33 .. 44; userdefined band - rscmwls_InitiateHandover - added wait for OPC up to 20s
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.12.x * New features - Handover - Event Log - UE Capabilities (RF Parameters, Physical Layer, PDCP, Measurement Parameters, IRAT) - Neighbor Cell Settings - Message Monitoring Settings * New - rscmwls_ConfigureRFSignalBandIndicator - rscmwls_ConfigureRFSignalUserDefinedChannelNumber - rscmwls_QueryMaximumUplinkChannelNumber - rscmwls_ConfigureMinimumDownlinkChannelFrequency - rscmwls_QueryUserDefinedResultingFrequencies - rscmwls_ConfigureBandDefinitionDownlinkUplinkSeparation - rscmwls_ConfigureUEMeasurementReportsInterval - rscmwls_ConfigurePhysicalCellPRACHIndex - rscmwls_ConfigureUserDefinedTTIBasedAll - rscmwls_ConfigureAcceptMultipleDefaultBearerState - rscmwls_ConfigureConnectionDefaultPagingCycle - rscmwls_ConfigureConnectionFDDInterChanges - rscmwls_ConfigureConnectionDownlinkRLCMode

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwls_ConfigureDuplexMode - rscmwls_ConfigureEndToEnd - rscmwls_ConfigureSignalRoutingIQOutRFInScenario - rscmwls_ConfigureSignalRoutingStandardCellFading - rscmwls_ConfigureSignalRoutingTwoRFOutPortsFadingScenario - rscmwls_FetchBLERSingleStreamDownlinkCQITrace - rscmwls_FetchBLERSingleStreamDownlinkMedianCQITrace - rscmwls_FetchSingleStreamDownlinkCQIBLERResults - rscmwls_ConfigureT3412Timer - rscmwls_ConfigureCellReselection - rscmwls_ConfigureSendDNSPCO - rscmwls_ConfigurePrecodingMatrix * Updated - rscmwls_ConfigurePacketSwitchingSignalingState - rscmwls_QueryPacketSwitchedState - rscmwls_QueryRFSignalRoutingSettings - rscmwls_FetchAbsoluteBLERResults - rscmwls_FetchSingleStreamDownlinkAbsoluteBLERResults
2.1.200	07/2011	Release for CMW firmware version 2.1.20.x * New features - Messaging (SMS) * New - rscmwls Configure RRC Connection State.vi - RSCMWLS_ATTR_RRC_CONNECTION_STATE * Modified - rscmwls Configure TX Power Control Target Power.vi - changed data type
2.1.100	07/2011	Release for CMW firmware version 2.1.10.xx * New - UE Information - rscmwls_QueryIPAddress - rscmwls_ConfigureTXPowerControlUserDefinedPattern - rscmwls_ConfigureTXPowerControlPUCCHTargetPower - rscmwls_ConfigurePhysicalCellReceivedPreambles - rscmwls_ConfigurePhysicalCellPRACHRampingStep - rscmwls_ConfigurePhysicalCellSRSState - rscmwls_ConfigureConnectionType - rscmwls_ConfigureUserDefinedTTIBased - rscmwls_ConfigurePDSCHTransmissionScheme * Updated (changed SCPI command syntax) - rscmwls_QueryRFSignalRoutingSettings - rscmwls_ConfigureUplinkPowerPUSCH - rscmwls_ConfigureTXPowerControlSingle - rscmwls_ConfigureTXPowerControlSingleExecute - rscmwls_ConfigureTXPowerControlSettingType - rscmwls_ConfigureTXPowerControlTargetPower - rscmwls_FetchAbsoluteBLERResults - rscmwls_FetchRelativeBLERResults - rscmwls_FetchSingleStreamDownlinkAbsoluteBLERResults - rscmwls_FetchSingleStreamDownlinkRelativeBLERResults
2.0.110	01/2011	Release for CMW firmware version 2.0.11.xx

rscmwls driver for LTE Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		* New functions: - rscmwls_ConfigureRFSignalRoutingMIMOScenario - rscmwls_QueryRFSignalRoutingSettings - rscmwls_ConfigureRFSignalAttenuationMIMOOutput - rscmwls_ConfigureRFSignalNominalPowerUplink - rscmwls_ConfigureUEMeasurementReportState - rscmwls_QueryUEMeasurementRSRP - rscmwls_QueryUEMeasurementRSRQ - rscmwls_QueryUEMeasurementIndexRange - rscmwls_ConfigureDownlinkPowerAWGNLevel - rscmwls_ConfigureUplinkPowerMaximum - rscmwls_ConfigureTXPowerControlSingle - rscmwls_ConfigureTXPowerControlSingleExecute - rscmwls_ConfigureTXPowerControlSettingType - rscmwls_ConfigureTXPowerControlTargetPower - rscmwls_ConfigurePhysicalCellLogicalRoot - rscmwls_QueryPhysicalCellPRACHConfiguration - rscmwls_ConfigurePhysicalCellFrequencyOffset - rscmwls_ConfigurePhysicalCellZeroCorrelation - rscmwls_ConfigureIntegrityAlgorithm - rscmwls_ConfigureOutOfSyncTime - rscmwls_ConfigureConnectionFilterCoefficient - rscmwls_ConfigureSchedulingType - rscmwls_QuerySingleStreamDownlinkThroughput - rscmwls_QuerySumStreamsDownlinkThroughput - rscmwls_QueryUplinkMaximumThroughput - rscmwls_ConfigureUserDefinedChannelDownlink - rscmwls_ConfigureUserDefinedChannelUplink - rscmwls_ConfigureStaticChannelModelState - rscmwls_ConfigureStaticChannelCoefficients - rscmwls_ConfigureRMCDownlinkSettings - rscmwls_ConfigureRMCDownlinkResourceBlockPosition - rscmwls_ConfigureRMCUplinkSettings - rscmwls_ConfigureRMCUplinkResourceBlockPosition - rscmwls_ConfigureBLERTimeout - rscmwls_FetchBLERThroughputTrace - rscmwls_FetchBLERSingleStreamDownlinkThroughputTrace - rscmwls_FetchAbsoluteBLERResults - rscmwls_FetchRelativeBLERResults - rscmwls_FetchSingleStreamDownlinkAbsoluteBLERResults - rscmwls_FetchSingleStreamDownlinkRelativeBLERResults * Modified functions: - rscmwls_ConfigureRFSignalRouting - rscmwls_QuerySignalingState - rscmwls_ConfigureDownlinkPowerPDSCH - rscmwls_ConfigureExtendedBLER - rscmwls_FetchExtendedBLERResults * Obsolete functions/attributes - rscmwls_ConfigureRMCSettings - use new rscmwls_ConfigureRMC... functions instead
1.0.152	06/2010	Release for CMW firmware version 1.0.15.20 Initial version

17 RScmwLNM - LTE eNodeB Measurement (3.5.900)

rscmwlnm driver for LTE eNodeB Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.5.900	11/2016	* New functions: - rscmwlnm_ConfigureAnalyzerTwoRFInScenario - rscmwlnm_ConfigureMultiEvaluationMeasurementInput - rscmwlnm_ConfigureMultiEvaluationMeasurementMIMO - rscmwlnm_ConfigureMultiEvaluationMeasurementTXAntenna - rscmwlnm_ConfigureMultiEvaluationMeasurementPower - rscmwlnm_ConfigureMultiEvaluationMeasurementPDSCHrhoA - rscmwlnm_ConfigureMultiEvaluationMeasurementTimingAlignment - rscmwlnm_ConfigureMultiEvaluationLimitsQPSKTimeAlignment - rscmwlnm_ConfigureMultiEvaluationLimitsPower - rscmwlnm_ReadMultiEvaluationAdditionalRFInput - rscmwlnm_FetchMultiEvaluationAdditionalRFInput - rscmwlnm_QueryMultiEvaluationAdditionalRFInputLimitCheckResults - Results Power - rscmwlnm_ClearStatus - rscmwlnm_IDQueryResponse - rscmwlnm_ProcessAllPreviousCommands - rscmwlnm_QueryOPC - rscmwlnm_SetVISATimeout - rscmwlnm_GetVISATimeout * Updated: - Instance range is 1 to 16
3.2.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.2.100	09/2013	* Update for firmware version 3.2.10.x * Initial revision

18 RScmwINM - NB-IoT Measurement (3.8.200)

rscmwinm driver for NB-IoT Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.8.200	01/2021	* Update for firmware version 3.8.20 * New core 3.11.0 * Improved help for rscmwinm_init(), rscmwinm_InitWithOptions() * Optimized help texts for status codes * New: - rscmwinm_ConfigureMEvalMeasOBWMode - rscmwinm_ConfigureMEvalMeasUserDefinedUplink - rscmwinm_SetAttributeRawString - rscmwinm_GetAttributeRawString * Updated: - rscmwinm_ConfigureMEvalMeasParameters - mod scheme - rscmwinm_ConfigureMEvalMeasListModulation - mod scheme
3.7.400	05/2019	* Support for firmware 3.7.40 * New core 3.5.0 * New: - rscmwinm_ConfigureAnalyzerScenario - rscmwinm_ConfigureMEvalMeasNPUSChLeading - rscmwinm_ConfigureMEvalMeasNPUSChLagging - rscmwinm_ConfigureMEvalMeasFreqSyncRange - rscmwinm_ConfigureMEvalMeasListEnabled - rscmwinm_ConfigureMEvalMeasListMode - rscmwinm_ConfigureMEvalMeasListOfflineMode - rscmwinm_ConfigureMEvalMeasListConnectorMode - rscmwinm_ConfigureMEvalMeasListCMWSConnector - rscmwinm_ConfigureMEvalMeasListRangeOfMeasuredSegments - rscmwinm_ConfigureMEvalMeasListACLR - rscmwinm_ConfigureMEvalMeasListModulation - rscmwinm_ConfigureMEvalMeasListSpectrumEmission - rscmwinm_ConfigureMEvalMeasListSetup - rscmwinm_FetchMEvalMeasListACLR - rscmwinm_FetchMEvalMeasListInbandEmission - rscmwinm_FetchMEvalMeasListInbandEmissionSCIndex - rscmwinm_FetchMEvalMeasListModulation - rscmwinm_FetchMEvalMeasListModulationExtreme - rscmwinm_FetchMEvalMeasListSpectrumEmissionMask - rscmwinm_FetchMEvalMeasListSpectrumEmissionMaskExtreme - rscmwinm_FetchMEvalMeasListSpectrumEmissionMaskMarginAll - rscmwinm_FetchMEvalMeasListSpectrumEmissionMaskMargin - rscmwinm_FetchMEvalMeasListSegmentReliability
3.7.100	01/2018	* Support for firmware 3.7.10 * Initial release

19 RScmwINS - NB-IoT Signaling (3.8.200)

rscmwins driver for NB-IoT Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.8.200	01/2021	* Support for firmware 3.8.20 * New: - Scheduling Request (Class) - rscmwins_ConfigureRRCReleaseCause - rscmwins_QueryUECapabilitiesEarlyDataUp - rscmwins_QueryUECapabilitiesSR - rscmwins_ConfigureConnectionEDT - rscmwins_ConfigureConnectionNAC14PagingWeightAnchorEnabled - rscmwins_ConfigureConnectionNAC14PagingCarrierPCCHWeightEnabled * Updated: - rscmwins_ConfigurePSAction - rscmwins_ConfigureConnectionNAC14PagingCarrierPCCH - Paging Weight
3.7.800	10/2020	* Support for firmware 3.7.80 * New Core 3.11.0 * New - Subsystem UE Measurement Report - Subsystem Coverage Enhancement - Subsystem Wake Up Signal - Subsystem Non Anchor Configuration - Subsystem NPDCCH - Subsystem DRX - rscmwins_QueryUECapabilitiesPagingWakeUpSignal - rscmwins_QueryUECapabilitiesPagingWUSMinGap - rscmwins_ConfigurePhysicalCellFlexibleULDLSeparation - rscmwins_ConfigurePhysicalCellInbandUplinkCarrierPosition - rscmwins_ConfigurePhysicalCellGuardBandUplinkPosition - rscmwins_ConfigureConnectionDestinationServer - rscmwins_ConfigureConnectionRRCAllowPagingAfterSITransmission - rscmwins_ConfigureConnectionInterferenceRandomization - rscmwins_ConfigureConnectionPagingCollisionReport * Updated - rscmwins_ConfigureConnectionUserUL - values for MCS index fixed and added MSC Index 13, Repetitions 8-128 addded
3.7.400	06/2019	* Support for firmware 3.7.40 * Initial release

20 RScmwWLM - WLAN Measurement (4.0.200)

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
4.0.200	07/2022	* Update for firmware version 4.0.20 * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * Updated: - rscmwwlm_ConfigureMEvalMeasDSSSEVMMethod - added 'Standard 2016' * Deleted: - rscmwwlm_SetAttributeViSession - rscmwwlm_GetAttributeViSession - rscmwwlm_CheckAttributeViInt32 - rscmwwlm_CheckAttributeViReal64 - rscmwwlm_CheckAttributeViString - rscmwwlm_CheckAttributeViBoolean - rscmwwlm_CheckAttributeViSession
3.8.200	02/2021	* Update for firmware version 3.8.20 * New core 3.12.0 * Improved help for rscmwwlm_init(), rscmwwlm_InitWithOptions() * Optimized help texts for status codes * New: - Segment (Class) - EVM vs Subcarriers (Class) - rscmwwlm_ConfigureRFRoutingAntenna - rscmwwlm_ConfigureAnalyzerMaskDisplayMode - rscmwwlm_QueryInputSignalPossibleScenarios - rscmwwlm_ConfigureMultiEvalMeasurementOFDMTEPercentage - rscmwwlm_ConfigureMultiEvalMeasurementSyncMode - rscmwwlm_ConfigureMultiEvalMeasurementHETBPPDUBandwidth - rscmwwlm_ConfigureMultiEvalMeasurementHETBPPDUMCS - rscmwwlm_ConfigureMultiEvalMeasurementSegmentStandard - rscmwwlm_ConfigureMultiEvalMeasurementSegmentConnector - rscmwwlm_ConfigureMultiEvalMeasurementSegmentBurstType - rscmwwlm_ConfigureMultiEvalMeasurementSegment - rscmwwlm_ConfigureMEvalMeasListModeConnector - rscmwwlm_ConfigureMEvalMeasurementListModeSegment - rscmwwlm_ConfigureMEvalMeasurementListModeBurstTypes - rscmwwlm_ConfigureMEvalMeasurementListModeBandwidths - rscmwwlm_ConfigureMEvalMeasurementListModeConnectors - rscmwwlm_ConfigureMEvalMeasurementListModeENPs - rscmwwlm_ConfigureMEvalMeasurementListModeFrequencies - rscmwwlm_ConfigureMEvalMeasurementListModeOffsets - rscmwwlm_ConfigureMEvalMeasurementListModeTimes - rscmwwlm_ConfigureMEvalMeasurementListModeStandards - rscmwwlm_ConfigureMEvalMeasurementListModeSegmentTimes - rscmwwlm_ConfigureMEvalMeasurementListModeSegmentEnabled

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMEvalMeasurementListModeSegmentRetriggers - rscmwwlm_ConfigureMEvalMeasurementListModeSegmentStatCount - rscmwwlm_ConfigureMEvalMeasurementListModeResults - rscmwwlm_ConfigureMEvalMeasurementListModeRetriggers - rscmwwlm_ConfigureMEvalMeasurementListModeStatCountsSEM - rscmwwlm_ReadMEvalMeasOFDMTraceCFOErrors - rscmwwlm_FetchMEvalMeasOFDMTraceCFOErrors - rscmwwlm_ReadMEvalMeasOFDMCFO - rscmwwlm_FetchMEvalMeasOFDMCFO - rscmwwlm_QueryMultiEvalOFDMCFOLimitCheckResult - rscmwwlm_ReadMEvalMeasOFDMTE - rscmwwlm_FetchMEvalMeasOFDMTE - rscmwwlm_QueryMultiEvalOFDMTELimitCheckResult - rscmwwlm_FetchMEvalMeasOFDMCommonInformation - rscmwwlm_ReadMEvalMeasPVTRampTraceMIMOSegmentTime - rscmwwlm_FetchMEvalMeasPVTRampTraceMIMOSegmentTime - rscmwwlm_ReadMEvalMeasPVTRampTraceMIMOTime - rscmwwlm_FetchMEvalMeasPVTRampTraceMIMOTime - rscmwwlm_ReadMEvalMeasPVTRampTraceSegmentTime - rscmwwlm_FetchMEvalMeasPVTRampTraceSegmentTime - rscmwwlm_ReadMEvalMeasPVTRampTraceTime - rscmwwlm_FetchMEvalMeasPVTRampTraceTime - rscmwwlm_ReadMEvalMeasPVTRampMIMOSegmentTime - rscmwwlm_FetchMEvalMeasPVTRampMIMOSegmentTime - rscmwwlm_ReadMEvalMeasTraceTimingError - rscmwwlm_FetchMEvalMeasTraceTimingError - rscmwwlm_FetchMEvalMeasListModeOFDMBurstPower - rscmwwlm_FetchMEvalMeasListModeOFDMCrestFactor - rscmwwlm_FetchMEvalMeasListModeOFDMCenterFrequencyError - rscmwwlm_FetchMEvalMeasListModeOFDMDCPower - rscmwwlm_FetchMEvalMeasListModeOFDMDataPortionPower - rscmwwlm_FetchMEvalMeasListModeOFDMEVMData - rscmwwlm_FetchMEvalMeasListModeOFDMEVMPilot - rscmwwlm_FetchMEvalMeasListModeOFDMEVMAll - rscmwwlm_FetchMEvalMeasListModeOFDMGainImbalance - rscmwwlm_FetchMEvalMeasListModeOFDMIQOffset - rscmwwlm_FetchMEvalMeasListModeOFDMLTFPower - rscmwwlm_FetchMEvalMeasListModeOFDMQuadratureError - rscmwwlm_FetchMEvalMeasListModeOFDMSymbolClockError - rscmwwlm_FetchMEvalMeasListModeDSSSBurstPower - rscmwwlm_FetchMEvalMeasListModeDSSSChipClockError - rscmwwlm_FetchMEvalMeasListModeDSSSCenterFrequencyError - rscmwwlm_FetchMEvalMeasListModeDSSSEVMPeak - rscmwwlm_FetchMEvalMeasListModeDSSSEVMRMS - rscmwwlm_FetchMEvalMeasListModeDSSSGainImbalance - rscmwwlm_FetchMEvalMeasListModeDSSSIQOffset - rscmwwlm_FetchMEvalMeasListModeDSSSQuadratureError - rscmwwlm_FetchMEvalMeasListModePowerBackoff - rscmwwlm_FetchMEvalMeasListModePeakPower - rscmwwlm_FetchMEvalMeasListModeExpiredStatisticCounts - rscmwwlm_FetchMEvalMeasListModeSegmentsReliability - rscmwwlm_FetchMEvalMeasListModeTSMaskExpiredStatisticCounts	

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		* Updated: - rscmwwlm_ConfigureMEvalMeasStatisticsCount - range - rscmwwlm_ReadMEvalOFDMMIMOValues - Array Size, Results - rscmwwlm_FetchMEvalOFDMMIMOValues - Array Size, Results - rscmwwlm_QueryMEvalOFDMMIMOLimitCheckResults - Array Size, Results - rscmwwlm_ReadMEvalOFDMMIMOStandardDeviation - Array Size, Results - rscmwwlm_FetchMEvalOFDMMIMOStandardDeviation - Array Size, Results - rscmwwlm_ReadMEvalOFDMMIMOSegments80Plus80Values - Array Size, Results - rscmwwlm_FetchMEvalOFDMMIMOSegments80Plus80Values - Array Size, Results - rscmwwlm_QueryMEvalOFDMMIMOSegments80Plus80LimitCheckResults - Array, Results - rscmwwlm_FetchMEvalOFDMMIMOSegments80Plus80StandardDeviation - Array, Results - rscmwwlm_ReadMEvalOFDMMIMOSegments80Plus80StandardDeviation - Array, Results - rscmwwlm_ReadMEvalMeasOFDMSpectrumFlatnessRxAntennaTrace - help - rscmwwlm_ReadMEvalMeasOFDMSISOValues - Array Size, Results - rscmwwlm_FetchMEvalMeasOFDMSISOValues - Array Size, Results - rscmwwlm_QueryMEvalMeasOFDMSISOLimitCheckResults - Array Size, Results - rscmwwlm_ReadMEvalMeasOFDMSISOStandardDeviation - Array Size, Results - rscmwwlm_FetchMEvalMeasOFDMSISOStandardDeviation - Array Size, Results - rscmwwlm_QueryMEvalMeasOFDMSISOStandardDeviationLimitCheckResults - Array, Results - rscmwwlm_ReadMEvalOFDMSegments80Plus80Values - Array Size, Results - rscmwwlm_FetchMEvalOFDMSegments80Plus80Values - Array Size, Results - rscmwwlm_QueryMEvalOFDMSegments80Plus80LimitCheckResults - Array Size, Results - rscmwwlm_ReadMEvalOFDMSegments80Plus80StandardDeviation - Array Size, Results - rscmwwlm_FetchMEvalOFDMSegments80Plus80StandardDeviation - Array Size, Results - rscmwwlm_QueryMEvalOFDMSegments80Plus80StandardDeviationLimitCheckResults - Array Size, Results - rscmwwlm_ConfigureTrainingDataTXAntennaNumber - Number of Antennas range changed
3.7.401	07/2019	* Updated - rscmwwlm_ConfigureAnalyzerStandAloneScenario - RXConnector - valid range fixed * New: - rscmwwlm_ConfigureRangeChecking
3.7.400	07/2019	* Update for firmware version 3.7.40 * New core 3.5.0 * New: - OFDM 802.11ax (Class) - Unused Tone Error (Class) - Signal Fields Info (Class) - EVM vs Symbol Traces (Class) - rscmwwlm_ConfigureAnalyzerSwitchedMIMOScenario - rscmwwlm_QuerySignalRoutingSwitchedMIMOSettings - rscmwwlm_QuerySignalRoutingSwitchedMIMOScenario - rscmwwlm_ConfigureNumberOfPathsTMIMOScenario - rscmwwlm_ConfigureNumberOfMIMOAntennas - rscmwwlm_ConfigureAnalyzerDisplayMode - rscmwwlm_QueryMEvalMeasTriggerSourceCatalogEnhanced - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVM - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVMTBCodeRate - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVMTBHigh - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVMTBLow - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVMPilot - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVMPilotTBHigh - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXEVMPilotTBLow

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMEvalLimitsOFDM80211AXIQOffset - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXCenterFrequencyError - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXSymbolClockError - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXUTEPower - rscmwwlm_ConfigureMEvalLimitsOFDM80211AXIQOffsetUTELimit - rscmwwlm_QueryOFDMAInformation - rscmwwlm_FetchOFDMAUserInformation - rscmwwlm_ReadMEvalMeasOFDMMIMOSpectrumFlatnessValues - rscmwwlm_FetchMEvalMeasOFDMMIMOSpectrumFlatnessValues - rscmwwlm_ReadMEvalMeasOFDMMIMOSpectrumFlatnessMarginPositionsValues - rscmwwlm_FetchMEvalMeasOFDMMIMOSpectrumFlatnessMarginPositionsValues - rscmwwlm_QueryMEvalMeasOFDMMIMOSpectrumFlatnessLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMSpectrumFlatnessRxAntennaTrace - rscmwwlm_FetchMEvalMeasOFDMSpectrumFlatnessRxAntennaTrace - rscmwwlm_QueryMEvalMeasOFDMSpectrumFlatnessRxAntennaLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMSpectrumFlatnessRxAntennaSegmentTrace - rscmwwlm_FetchMEvalMeasOFDMSpectrumFlatnessRxAntennaSegmentTrace - rscmwwlm_QueryMEvalMeasOFDMSFLRxAntennaSegmentLimitCheckResults - rscmwwlm_ReadMEvalOFDMCMIMOPowerSTS - rscmwwlm_FetchMEvalOFDMCMIMOPowerSTS - rscmwwlm_FetchMEvalMeasOFDMSISOEVMValues - rscmwwlm_FetchMEvalMeasOFDMSISOEVMUserValues - rscmwwlm_FetchMEvalMeasOFDMSISOEVMUserStreamValues - rscmwwlm_ReadMEvalMeasOFDMSISOSpectrumFlatnessSegmentTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDMSISOSpectrumFlatnessSegmentTraceEnhanced - rscmwwlm_QueryMEvalMeasOFDMSISOSpectrumFlatnessSegmentLimitCheckResults - rscmwwlm_ReadMultiEvalPVTRampTraceTime - rscmwwlm_FetchMultiEvalPVTRampTraceTime - rscmwwlm_ReadMultiEvalPVTRampTraceMIMOResults - rscmwwlm_FetchMultiEvalPVTRampTraceMIMOResults - rscmwwlm_ReadMultiEvalPVTRampTraceMIMOEnhanced - rscmwwlm_FetchMultiEvalPVTRampTraceMIMOEnhanced - rscmwwlm_ReadMultiEvalPVTRampTraceMIMOTime - rscmwwlm_FetchMultiEvalPVTRampTraceMIMOTime - rscmwwlm_ReadMultiEvalPVTRampTraceMIMOSegmentEnhanced - rscmwwlm_FetchMultiEvalPVTRampTraceMIMOSegmentEnhanced - rscmwwlm_ReadMultiEvalPVTRampTraceSegmentResults - rscmwwlm_FetchMultiEvalPVTRampTraceSegmentResults - rscmwwlm_ReadMultiEvalPVTRampTraceSegmentEnhanced - rscmwwlm_FetchMultiEvalPVTRampTraceSegmentEnhanced - rscmwwlm_ReadMultiEvalPVTRampTraceSegmentTime - rscmwwlm_FetchMultiEvalPVTRampTraceSegmentTime - rscmwwlm_ReadMultiEvalPVTRampTraceSegmentMIMOResults - rscmwwlm_FetchMultiEvalPVTRampTraceSegmentMIMOResults - rscmwwlm_FetchMEvalPVRUResults - rscmwwlm_FetchMEvalPVRURXAntennaResults - rscmwwlm_FetchMEvalPowerRXAntennaResults - rscmwwlm_ReadMEvalMeasUTERTrace - rscmwwlm_FetchMEvalMeasUTERTrace - rscmwwlm_ReadMEvalMeasUTERLimits - rscmwwlm_FetchMEvalMeasUTERLimits - rscmwwlm_QueryMEvalMeasUTERLimitCheckResults - rscmwwlm_QueryMEvalMeasUTERTraceLimitCheckResults

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ReadMEvalMeasUTERMarginValues - rscmwwlm_FetchMEvalMeasUTERMarginValues - rscmwwlm_QueryMEvalMeasUTERMarginLimitCheckResults - rscmwwlm_FetchMEvalMeasSignalFieldsInfoChannelFieldMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoUserFieldMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoHEMUMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoHESUMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoHETBMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoHTSIGMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoLegacySignalMIMO - rscmwwlm_FetchMEvalMeasSignalFieldsInfoVeryHighThroughputSignal - rscmwwlm_ReadMEvalMeasEVMSymbolTrace - rscmwwlm_FetchMEvalMeasEVMSymbolTrace * Updated: - rscmwwlm_ConfigureInputSignalModulationFilterBursts - QAM256,1024 - rscmwwlm_ConfigureMEvalMeasAssignViews - Unused Tone Error - rscmwwlm_ConfigureMEvalMeasAssignViewsAll - add Unused tone err - rscmwwlm_ConfigureMEvalLimitsOFDMCenterFrequencyError - limit - rscmwwlm_ConfigureMEvalLimitsOFDMSymbolClockError - Limit - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pCenterFrequencyError - Limit - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pSymbolClockError - Limit - rscmwwlm_ConfigureMEvalLimitsDSSSCenterFrequencyError - limit - rscmwwlm_ConfigureMEvalLimitsDSSSSymbolClockError - limit z 25 na 100 - rscmwwlm_ConfigureMEvalLimitsOFDM80211NIQOffset - BW 5.10 - rscmwwlm_ConfigureMEvalLimitsOFDM80211NCenterFrequencyError - limit - rscmwwlm_ConfigureMEvalLimitsOFDM80211NSymbolClockError - limit - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACIQOffset - BW 5.10 - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACCenterFrequencyError - limit - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACSymbolClockError - Limit - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211N - BW - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskBandOFDM80211N - BW - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211ACEnhanced - BW - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211ACEnhanced - BW - rscmwwlm_ReadMEvalOFDMMIMOValues - modulation scheme - rscmwwlm_FetchMEvalOFDMMIMOValues - modulation scheme - rscmwwlm_ReadMEvalOFDMMIMOStandardDeviation - modulation scheme - rscmwwlm_FetchMEvalOFDMMIMOStandardDeviation - modulation scheme - rscmwwlm_ReadMEvalMeasOFDMSISOValues - modulation scheme - rscmwwlm_FetchMEvalMeasOFDMSISOValues - modulation scheme - rscmwwlm_ReadMEvalMeasOFDMSISOStandardDeviation - modulation scheme - rscmwwlm_FetchMEvalMeasOFDMSISOStandardDeviation - modulation scheme * Deleted: - rscmwwlm_ConfigureAnalyzerMIMOScenario - rscmwwlm_ConfigureNumberOfSwitchedMIMOAntennas - rscmwwlm_ReadMEvalMeasOFDMEVMSymbolTrace - rscmwwlm_FetchMEvalMeasOFDMEVMSymbolTrace - rscmwwlm_ReadMEvalMeasOFDMEVMSymbolTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDMEVMSymbolTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211NEVMSymbolTrace	

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_FetchMEvalMeasOFDM80211NEVMSymbolTrace - rscmwwlm_ReadMEvalMeasOFDM80211NEVMSymbolTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211NEVMSymbolTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211ACEVMSymbolTrace - rscmwwlm_FetchMEvalMeasOFDM80211ACEVMSymbolTrace - rscmwwlm_ReadMEvalMeasOFDM80211ACEVMSymbolTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211ACEVMSymbolTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211ACSpectrumFlatnessTrace - rscmwwlm_FetchMEvalMeasOFDM80211ACSpectrumFlatnessTrace - rscmwwlm_ReadMEvalMeasOFDM80211ACSpectrumFlatnessTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211ACSpectrumFlatnessTraceEnhanced - rscmwwlm_ReadMEvalLimitsTransmitSpectrumMaskOFDMCMIMO - rscmwwlm_FetchMEvalLimitsTransmitSpectrumMaskOFDMCMIMO - rscmwwlm_ReadMEvalOFDMCMIMOStandardDeviation - rscmwwlm_FetchMEvalOFDMCMIMOStandardDeviation
3.7.100	03/2018	* Update for firmware version 3.7.10 * New - rscmwwlm_ConfigureMultiEvalPVTTimingErrorUpperLimit - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211AX - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211AX - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211N - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskBandOFDM80211N - rscmwwlm_ReadMEvalPVTTimingErrorResults - rscmwwlm_FetchMEvalPVTTimingErrorResults - rscmwwlm_QueryMEvalPVTTimingErrorLimitCheckResults * Updated - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pSpectralDensityLimits - added User Defined Power Class, SCPI commans updated - rscmwwlm_ConfigureInputSignalPowerClass - added User Defined Power Class - rscmwwlm_ConfigureInputSignal - added 802.11ax Standard - rscmwwlm_ConfigureMEvalMeasTrigger - Threshold default value changed - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM - SCPI commands updated - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pSpectrumFlatness - SCPI commands updated - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211ACEnhanced - SCPI commands updated - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM - SCPI commands updated - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pAbsoluteEmissionLimits - SCPI commands updated - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pTransmitSpectrumMaskState - SCPI commands updated - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211ACEnhanced - SCPI commands updated - rscmwwlm_FetchMEvalMeasListModeOFDMAllSegmentsValues - added values to Guard Interval parameter - rscmwwlm_FetchMEvalMeasListModeOFDMAllSegmentsStandardDeviation - added values to Guard Interval parameter - rscmwwlm_FetchMEvalMeasListModeOFDMOneSegmentValues - added values to Guard Interval parameter - rscmwwlm_FetchMEvalMeasListModeOFDMOneSegmentStandardDeviation - added values to Guard Interval parameter

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ReadMEvalMeasOFDMSISOValues - added values to Guard Interval, Modulation Scheme parameters - rscmwwlm_FetchsMEvalMeasOFDMSISOValues - added values to Guard Interval, Modulation Scheme parameters - rscmwwlm_ReadMEvalMeasOFDMSISOStandardDeviation - added values to Guard Interval, Modulation Scheme parameters - rscmwwlm_FetchMEvalMeasOFDMSISOStandardDeviation - added values to Guard Interval, Modulation Scheme parameters - rscmwwlm_ReadMEvalOFDMMIMOValues - added values to Modulation Scheme parameter - rscmwwlm_FetchMEvalOFDMMIMOValues - added values to Modulation Scheme parameter - rscmwwlm_ReadMEvalOFDMMIMOStandardDeviation - added values to Modulation Scheme parameter - rscmwwlm_FetchMEvalOFDMMIMOStandardDeviation - added values to Modulation Scheme parameter - rscmwwlm_ReadMEvalMeasOFDMValues - added values to Guard Interval parameter - rscmwwlm_FetchMEvalMeasOFDMValues - added values to Guard Interval parameter - rscmwwlm_ReadMEvalMeasOFDMStandardDeviation - added values to Guard Interval parameter - rscmwwlm_FetchMEvalMeasOFDMStandardDeviation - added values to Guard Interval parameter
3.5.1300	02/2017	* Breaking changes: - rscmwwlm_ConfigureMEvalLimitsOFDM80211NIQOffset - API changed, SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACIQOffset - API changed, SCPI command changed * New - rscmwwlm_ConfigureUseSeparateAntennasFor80Plus80MHz - rscmwwlm_ConfigureRFRoutingAntennaConnector - rscmwwlm_ConfigureRFRoutingExternalAttenuation - rscmwwlm_ConfigureInputSignalChannelDistance - rscmwwlm_ConfigureInputSignalEvaluationLength - rscmwwlm_ConfigureMEvalMeasDSSSEVMMethod - rscmwwlm_ReadMEvalOFDMMIMOValues - rscmwwlm_FetchMEvalOFDMMIMOValues - rscmwwlm_QueryMEvalOFDMMIMOLimitCheckResults - rscmwwlm_ReadMEvalOFDMMIMOStandardDeviation - rscmwwlm_FetchMEvalOFDMMIMOStandardDeviation - rscmwwlm_QueryMEvalOFDMMIMOStandardDeviationLimitCheckResults - rscmwwlm_ReadMEvalOFDMMIMOSegments80Plus80Values - rscmwwlm_FetchMEvalOFDMMIMOSegments80Plus80Values - rscmwwlm_QueryMEvalOFDMMIMOSegments80Plus80LimitCheckResults - rscmwwlm_ReadMEvalOFDMMIMOSegments80Plus80StandardDeviation - rscmwwlm_FetchMEvalOFDMMIMOSegments80Plus80StandardDeviation - rscmwwlm_QueryMEvalOFDMMIMOSegments80Plus80StandardDeviationLimitCheckResult - rscmwwlm_ReadMEvalMeasOFDMSISOValues - rscmwwlm_FetchMEvalMeasOFDMSISOValues - rscmwwlm_QueryMEvalMeasOFDMSISOLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMSISOStandardDeviation - rscmwwlm_FetchMEvalMeasOFDMSISOStandardDeviation - rscmwwlm_QueryMEvalMeasOFDMSISOStandardDeviationLimitCheckResults - rscmwwlm_ReadMEvalOFDMSegments80Plus80Values - rscmwwlm_FetchMEvalOFDMSegments80Plus80Values - rscmwwlm_QueryMEvalOFDMSegments80Plus80LimitCheckResults - rscmwwlm_ReadMEvalOFDMSegments80Plus80StandardDeviation - rscmwwlm_FetchMEvalOFDMSegments80Plus80StandardDeviation - rscmwwlm_QueryMEvalOFDMSegments80Plus80StandardDeviationLimitCheckResults

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceSegment - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceSegment - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceMIMO - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceMIMO - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceMIMOSegment - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceMIMOSegment - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceMaskSegment - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceMaskSegment - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceMaskMIMO - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceMaskMIMO - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceMaskMIMOSegment - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceMaskMIMOSegment - rscmwwlm_ReadMultiEvalTransmitSpectrumMaskOccupiedBandwidthSegmentResults - rscmwwlm_FetchMultiEvalTransmitSpectrumMaskOccupiedBandwidthSegmentResults - rscmwwlm_ReadMultiEvalTransmitSpectrumMaskOccupiedBandwidthMIMOResults - rscmwwlm_FetchMultiEvalTransmitSpectrumMaskOccupiedBandwidthMIMOResults - rscmwwlm_ReadMultiEvalTransmitSpectrumMaskOccupiedBandwidthMIMOSegmentResults - rscmwwlm_FetchMultiEvalTransmitSpectrumMaskOccupiedBandwidthMIMOSegmentResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOXValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskSISOXValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOXLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOSegmentsXValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskSISOSegmentsXValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOSegmentsXLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOXValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskMIMOXValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOXLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOSegmentsXValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskMIMOSegmentsXValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOSegmentsXLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOYValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskSISOYValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOYLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOSegmentsYValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskSISOSegmentsYValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskSISOSegmentsYLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOYValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskMIMOYValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOYLimitCheckResults - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOSegmentsYValues - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskMIMOSegmentsYValues - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskMIMOSegmentsYLimitCheckResults * Updated - rscmwwlm_ConfigureAnalyzerMIMOScenario - new values in 'MIMO' and 'Connector Tuple' parameters - rscmwwlm_QuerySignalRoutingSettings - new value in 'Scenario' parameter - rscmwwlm_ConfigureMEvalLimitsOFDMEVM - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDMEVMPilot - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDMIQOffset - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDMCenterFrequencyError - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDMSymbolClockError - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211NEVM - SCPI command changed	

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMEvalLimitsOFDM80211NEVMPilot - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211NCenterFrequencyError - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211NSymbolClockError - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACEVM - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACEVMPilot - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACCenterFrequencyError - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACSymbolClockError - SCPI command changed - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211ACEnhanced - new value in 'Bandwidth' parameter - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211ACEnhanced - new value in 'Bandwidth' parameter - rscmwwlm_ReadMEvalMeasOFDMEVMCarrierTrace - new value in 'Result Type' parameter, SCPI command changed - rscmwwlm_FetchMEvalMeasOFDMEVMCarrierTrace - new value in 'Result Type' parameter, SCPI command changed - rscmwwlm_ReadMEvalMeasOFDMEVMCarrierTraceEnhanced - new value in 'Result Type' parameter, SCPI command changed - rscmwwlm_FetchMEvalMeasOFDMEVMCarrierTraceEnhanced - new value in 'Result Type' parameter, SCPI command changed - rscmwwlm_ReadMEvalMeasDSSSValues - new value in 'Result Type' parameter - rscmwwlm_FetchMEvalMeasDSSSValues - new value in 'Result Type' parameter - rscmwwlm_QueryMEvalMeasDSSSLimitCheckResults - new value in 'Result Type' parameter - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTrace - new value in 'Result Type' parameter - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTrace - new value in 'Result Type' parameter - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceEnhanced - new value in 'Result Type' parameter - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceEnhanced - new value in 'Result Type' parameter * New attributes: - RSCMWWLM_ATTR_ANALYZER_USE_SEPARATE_ANTENNAS_FOR_80_PLUS_80_MHZ (Analyzer Use Separate Antennas for 80+80 MHz) - RSCMWWLM_ATTR_ANALYZER_EXTERNAL_ATTENUATION_ON_RF_CONNECTOR (Analyzer External Attenuation on RF Connector) - RSCMWWLM_ATTR_ANALYZER_RF_ROUTING_ANTENNA_CONNECTOR (Analyzer RF Routing Antenna Connector) - RSCMWWLM_ATTR_INPUT_SIGNAL_EVALUATION_LENGTH_SYMBOLS_OFDM (Input Signal Evaluation Length Symbols OFDM) - RSCMWWLM_ATTR_INPUT_SIGNAL_CHANNEL_DISTANCE (Input Signal Channel Distance) - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_DSSS_EVM_METHOD (Multi Eval Measurement DSSS EVM Method) - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_POWER_VS_TIME_STATISTIC_COUNT (Multi Eval Measurement Power Vs Time Statistic Count) * Modified attributes: - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_EVM_PILOT_ENABLE (Multi Eval Measurement Limits Modulation OFDM 802.11ac EVM Pilot Enable) - SCPI command changed - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_EVM_PILOT_LIMIT (Multi Eval Measurement Limits Modulation OFDM 802.11ac EVM Pilot Limit) - SCPI command changed

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_IQ_OFFSET_ENABLE (Multi Eval Measurement Limits Modulation OFDM 802.11ac IQ Offset Enable) - SCPI command changed - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_IQ_OFFSET_LIMIT (Multi Eval Measurement Limits Modulation OFDM 802.11ac IQ Offset Limit) - SCPI command changed - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_CFERROR_ENABLE (Multi Eval Measurement Limits Modulation OFDM 802.11ac Center Frequency Error Enable) - SCPI command changed - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_CFERROR_LIMIT (Multi Eval Measurement Limits Modulation OFDM 802.11ac Center Frequency Error Limit) - SCPI command changed - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_SCERROR_ENABLE (Multi Eval Measurement Limits Modulation OFDM 802.11ac Symbol Clock Error Enable) - SCPI command changed - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_LIMITS_MODULATION_OFDM80211AC_SCERROR_LIMIT (Multi Eval Measurement Limits Modulation OFDM 802.11ac Symbol Clock Error Limit) - SCPI command changed * Modified Repeated Capabilities: - Antenna - Identifiers ("a1,a2,a3,a4,a5,a6,a7,a8", "a1,a2,a3,a4") - Antenna - Command Values ("1,2,3,4,5,6,7,8", "1,2,3,4") - Band - Identifiers ("B20,B40,B80,B160,B5,B10,B8080", "B20,B40,B80,B160,B5,B10") - Band - Command Values ("20,40,80,160,5,10,8080", "20,40,80,160,5,10") * Modified Range Tables: - rscmwwlm_rngAnalyzerNumberOfSMIMOAntennas - RSCMWWLM_ATTR_ANALYZER_NUMBER_OF_SMIMO_ANTENNAS Range changed to <1;8> - rscmwwlm_rngMultiEvalMeasurementMaskSpectrumSelection - RSCMWWLM_ATTR_MULTI_EVAL_MEASUREMENT_MASK_SPECTRUM_SELECTION New items: RSCMWWLM_VAL_SPECTRUM_MASK_ARIB - rscmwwlm_rngAnalyzerConnectorTuple - RSCMWWLM_ATTR_ANALYZER_CONNECTOR_TUPLE New items: RSCMWWLM_VAL_MIMO_CT18
3.5.400	10/2016	* Breaking changes: - rscmwwlm_ConfigureAnalyzerMIMOScenario... API changed * New - rscmwwlm_ConfigureInputSignalReceiveMode RSCMWWLM_ATTR_INPUT_SIGNAL_RECEIVE_MODE - rscmwwlm_ConfigureMEvalMeasDSSSTxFilterEstimation - rscmwwlm_ConfigureMEvalMeasSkipOFDMSymbols - RSCMWWLM_ATTR_ANALYZER_CONNECTOR_TUPLE ... attribute only - rscmwwlm_ReadToFileFromInstrument ... to be compatible with LV - rscmwwlm_WriteFromFileToInstrument ... to be compatible with LV - rscmwwlm_SetVISATimeout - rscmwwlm_GetVISATimeout

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ClearStatus - rscmwwlm_ProcessAllPreviousCommands - rscmwwlm_QueryOPC - rscmwwlm_IDQueryResponse * Updated - rscmwwlm_ConfigureAnalyzerStandAloneScenario - new connectors - rscmwwlm_QuerySignalRoutingSettings - new connectors - rscmwwlm_FetchMEvalMeasOFDM80211ACValues - rscmwwlm_ReadMEvalMeasOFDM80211ACValues - rscmwwlm_ConfigureMEvalMeasTrigger ... source default value changed - rscmwwlm_ReadMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasOFDMTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDM80211ACValues - rscmwwlm_FetchMEvalMeasOFDM80211ACValues - rscmwwlm_QueryMEvalMeasOFDM80211ACLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDM80211ACStandardDeviation - rscmwwlm_FetchMEvalMeasOFDM80211ACStandardDeviation - rscmwwlm_QueryMEvalMeasOFDM80211ACStandardDeviationLimitCheckResults - rscmwwlm_ConfigureMultiEvalPVTDSSSLimits - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211N- - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMask40MHz
3.5.202	06/2016	* New - rscmwwlm_ClearStatus - rscmwwlm_IDQueryResponse - rscmwwlm_ProcessAllPreviousCommands - rscmwwlm_QueryOPC * Updated - rscmwwlm_ReadMEvalMeasOFDMValues - reading out value fixed - rscmwwlm_FetchMEvalMeasOFDMValues - reading out value fixed - rscmwwlm_QueryMEvalMeasOFDMLimitCheckResults - reading out value fixed - rscmwwlm_ReadMEvalMeasOFDMStandardDeviation - reading out value fixed - rscmwwlm_FetchMEvalMeasOFDMStandardDeviation - reading out value fixed - rscmwwlm_QueryMEvalMeasOFDMStandardDeviationLimitCheckResults - reading out value fixed - rscmwwlm_error_query - reads out all errors
3.5.201	02/2016	Fixed session closing
3.5.200	11/2015	* New - rscmwwlm_ConfigureAnalyzerMIMOScenario - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceFrequency - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceFrequency - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceMask - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceMask * Updated - rscmwwlm_ConfigureMEvalLimitsOFDM80211ACEVM
3.5.100	04/2015	* Update for firmware version 3.5.10 * New - rscmwwlm_ConfigureInputSignalModulationFilterBursts - rscmwwlm_QueryMultiEvalPVTDSSSLimitCheckResults * Updated: - rscmwwlm_ConfigureInputSignalBandwidth - rscmwwlm_ConfigureInputSignalFrequencyBand

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMEvalMeasModulationTracking - rscmwwlm_ConfigureMEvalMeasAssignViews - rscmwwlm_ConfigureMEvalMeasurementPVT - rscmwwlm_ConfigureMEvalMeasTrigger - rscmwwlm_ConfigureMultiEvalPVTDSSSLimits - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskDSSS - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessEnableOFDM80211N - rscmwwlm_ConfigureMEvalUpperLimitsTransmitSpectrumFlatnessOFDM80211N - rscmwwlm_ReadMEvalMeasOFDMValues - rscmwwlm_FetchMEvalMeasOFDMValues - rscmwwlm_QueryMEvalMeasOFDMLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMStandardDeviation - rscmwwlm_FetchMEvalMeasOFDMStandardDeviation - rscmwwlm_QueryMEvalMeasOFDMStandardDeviationLimitCheckResults - rscmwwlm_ReadMEvalMeasDSSSValues - rscmwwlm_FetchMEvalMeasDSSSValues - rscmwwlm_QueryMEvalMeasDSSSLimitCheckResults - rscmwwlm_ReadMEvalMeasDSSSStandardDeviation - rscmwwlm_FetchMEvalMeasDSSSStandardDeviation - rscmwwlm_QueryMEvalMeasDSSSStandardDeviationLimitCheckResults - rscmwwlm_ConfigureTrainingDataTXAntennaNumber
3.2.700	11/2014	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Update for firmware version 3.2.70 * Updated: - rscmwwlm_ConfigureInputSignalFrequencyChannel - Channel max increased * Enhancement: - rscmwwlm_invalidViInt32Range - rscmwwlm_invalidViUInt32Range - rscmwwlm_invalidViReal64Range - rscmwwlm_invalidViBooleanRange
3.2.600	06/2014	* Update for firmware version 3.2.60 * New features - OFDM 802.11p (Modulation, Transmit Spectrum Mask) - Trace Sub-Arrays, optional parameters added. * New - rscmwwlm_ConfigureInputSignalIQSwapState - rscmwwlm_ConfigureInputSignalPowerClass - rscmwwlm_ConfigureMultiEvalMeasurementMaskSpectrumSelection - rscmwwlm_ConfigureMultiEvalMeasurementOccupiedBandwidth - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pCenterFrequencyError - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pErrorVectorMagnitude - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pEVMPilot - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pIQOffset - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pSymbolClockError - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pSpectrumFlatness - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211NEnhanced - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMask40MHzEnhanced - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211ACEnhanced - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211ACEnhanced - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pTransmitSpectrumMaskState - rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pAbsoluteEmissionLimits

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMultiEvalLimitsOFDM80211pSpectralDensityLimits - rscmwwlm_ReadMEvalMeasOFDMEVMSymbolTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDMEVMSymbolTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDMEVMCarrierTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDMEVMCarrierTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDMSpectrumFlatnessTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDMSpectrumFlatnessTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211NEVMSymbolTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211NEVMSymbolTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211NEVMCarrierTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211NEVMCarrierTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211ACEVMSymbolTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211ACEVMSymbolTraceEnhanced - rscmwwlm_ReadMEvalMeasOFDM80211ACSpectrumFlatnessTraceEnhanced - rscmwwlm_FetchMEvalMeasOFDM80211ACSpectrumFlatnessTraceEnhanced - rscmwwlm_ReadMEvalMeasDSSSEVMTraceEnhanced - rscmwwlm_FetchMEvalMeasDSSSEVMTraceEnhanced - rscmwwlm_ReadMultiEvalPVTBurstTraceResults - rscmwwlm_FetchMultiEvalPVTBurstTraceResults - rscmwwlm_ReadMultiEvalPVTRampTraceResultsEnhanced - rscmwwlm_FetchMultiEvalPVTRampTraceResultsEnhanced - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTraceEnhanced - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTraceEnhanced - rscmwwlm_ReadMultiEvalTransmitSpectrumMaskOccupiedBandwidthResults - rscmwwlm_FetchMultiEvalTransmitSpectrumMaskOccupiedBandwidthResults * Updated - rscmwwlm_QuerySignalRoutingSettings - rscmwwlm_ConfigureInputSignal - rscmwwlm_ConfigureInputSignalBandwidth - rscmwwlm_ConfigureMEvalMeasListModeBurst - rscmwwlm_QueryMEvalMeasListModeBurst - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMask40MHz - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211AC - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM80211AC - rscmwwlm_ReadMEvalMeasOFDMValues - rscmwwlm_FetchMEvalMeasOFDMValues - rscmwwlm_QueryMEvalMeasOFDMLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMStandardDeviation - rscmwwlm_FetchMEvalMeasOFDMStandardDeviation - rscmwwlm_QueryMEvalMeasOFDMTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_ReadMEvalMeasOFDM80211ACValues - rscmwwlm_FetchMEvalMeasOFDM80211ACValues - rscmwwlm_QueryMEvalMeasOFDM80211ACLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDM80211ACStandardDeviation - rscmwwlm_FetchMEvalMeasOFDM80211ACStandardDeviation - rscmwwlm_QueryMEvalMeasOFDM80211ACStandardDeviationLimitCheckResults - rscmwwlm_QueryMEvalMeasOFDMStandardDeviationLimitCheckResults - rscmwwlm_FetchMEvalMeasListModeOFDMAllSegmentsValues - rscmwwlm_FetchMEvalMeasListModeOFDMAllSegmentsStandardDeviation - rscmwwlm_FetchMEvalMeasListModeOFDMOneSegmentValues	

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_FetchMEvalMeasListModeOFDMOneSegmentStandardDeviation - rscmwwlm_ReadMEvalMeasOFDM80211NEVMSymbolTrace - rscmwwlm_FetchMEvalMeasOFDM80211NEVMSymbolTrace - rscmwwlm_ReadMEvalMeasOFDM80211NEVMCarrierTrace - rscmwwlm_FetchMEvalMeasOFDM80211NEVMCarrierTrace - rscmwwlm_ReadMultiEvalPVTRampTraceResults - The help was updated. - rscmwwlm_FetchMultiEvalPVTRampTraceResults - The help was updated. - rscmwwlm_ReadMEvalSpectrumFlatnessOFDMSISO - The help was updated. - rscmwwlm_FetchMEvalSpectrumFlatnessOFDMSISO - The help was updated.
3.2.101	09/2013	* Fixed memory leaks in utility functions * Fixed bug in reading OFDM results. If array size was larger than expected, function failed.
3.2.100	08/2013	* Update for firmware version 3.2.10 * New - OFDM 802.11n MIMO - OFDM 802.11n Switched MIMO - OFDM 802.11ac - Transmit Spectrum Mask - rscmwwlm_ConfigureNumberOfSwitchedMIMOAntennas - rscmwwlm_ConfigureAnalyzerFrequencyOffset - rscmwwlm_ConfigureInputSignalFrequencyChannel * Modified - rscmwwlm_ConfigureAnalyzerStandAloneScenario - added RX convertors 3 and 4 - rscmwwlm_QuerySignalRoutingSettings - added RX convertors 3 and 4 - rscmwwlm_ConfigureInputSignal - added new standards - rscmwwlm_ConfigureInputSignalBandwidth - added 80 MHz support - rscmwwlm_ConfigureMEvalMeasListModeBurst.vi - added new standards - rscmwwlm_QueryMEvalMeasListModeBurst - added new standards - rscmwwlm_ConfigureMEvalLimitsOFDMCenterFrequencyError - changed range of frequency * Changed SCPI command - rscmwwlm_ConfigureMEvalLimitsOFDM80211NEVM - rscmwwlm_ConfigureMEvalLimitsOFDM80211NEVMPilot - rscmwwlm_ConfigureMEvalLimitsOFDM80211NIQOffset - rscmwwlm_ConfigureMEvalLimitsOFDM80211NCenterFrequencyError - plus changed frequency range - rscmwwlm_ConfigureMEvalLimitsOFDM80211NSymbolClockError - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211N - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessEnableOFDM80211N - rscmwwlm_ConfigureMEvalLowerLimitsTransmitSpectrumFlatnessOFDM80211N - rscmwwlm_ConfigureMEvalUpperLimitsTransmitSpectrumFlatnessOFDM80211N - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMask40MHz - rscmwwlm_ReadMEvalMeasOFDM80211NEVMSymbolTrace - rscmwwlm_FetchMEvalMeasOFDM80211NEVMSymbolTrace - rscmwwlm_ReadMEvalMeasOFDM80211NEVMCarrierTrace - rscmwwlm_FetchMEvalMeasOFDM80211NEVMCarrierTrace - rscmwwlm_ReadMEvalMeasOFDM80211NTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasOFDM80211NTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasOFDM80211NTransmitSpectrumMaskLimitCheckResults - rscmwwlm_FetchMEvalMeasListModeTransmitSpectrumMaskOFDMAllSegmentsValues - rscmwwlm_TrainingDataAcquisitionInit - rscmwwlm_FetchMEvalMeasListModeTransmitSpectrumMaskOFDMOneSegmentValues
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		* New - rscmwwlm_ConfigureMEvalMeasFFTDemodulationOffset * Modified - rscmwwlm_QuerySignalRoutingSettings - rscmwwlm_TrainingDataAcquisitionInit
2.1.300	01/2012	Release for CMW firmware version 2.1.30.xx * New - rscmwwlm_ConfigureAnalyzerCombinedSignalPathScenario - rscmwwlm_ConfigureAnalyzerSecondChannelPosition - rscmwwlm_ConfigureInputSignalFrequencyBand - rscmwwlm_ConfigureMultiEvalMeasurementDSSSAverageLength - rscmwwlm_ConfigureMultiEvalMeasurementDSSSReferencePower - rscmwwlm_TrainingDataAcquisitionDate - rscmwwlm_ConfigureErrorChecking * Modified - rscmwwlm_ConfigureMEvalMeasAssignViewsAll - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM80211N - rscmwwlm_ReadMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasOFDMTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDM80211NTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasOFDM80211NTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasOFDM80211NTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalMeasDSSSTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasDSSSTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasDSSSTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalPVTDSSSStatisticalEdge - rscmwwlm_FetchMEvalPVTDSSSStatisticalEdge
2.1.100	08/2011	Release for CMW firmware version 2.1.10.xx * New features - OFDM SISO results - Power vs Time results - CMIMO Training Mode * New - rscmwwlm_ConfigureInputSignalTrainingDataSource - rscmwwlm_GetLoadedTraningDataFileDate - rscmwwlm_ConfigureMEvalMeasurementPVT - rscmwwlm_ConfigureMultiEvalPVTDSSSLimits - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMask40MHz * Modified - rscmwwlm_ConfigureInputSignal - added new standard - OFDM CMIMO Signal results - new results returned
2.0.110	04/2011	Release for CMW firmware version 2.0.11.xx * New - OFDM MISO Signal results * Added functions/attributes - rscmwwlm_QuerySignalRoutingSettings - rscmwwlm_ConfigureAnalyzerStandAloneScenario - rscmwwlm_ConfigureExternalAttenuation - rscmwwlm_ConfigureMEvalMeasurementTimeout - rscmwwlm_ConfigureMEvalMeasurementListModeTSMask

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessOFDM - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumFlatnessEnableOFDM80211N - rscmwwlm_ConfigureMEvalLowerLimitsTransmitSpectrumFlatnessOFDM80211N - rscmwwlm_ConfigureMEvalUpperLimitsTransmitSpectrumFlatnessOFDM80211N * Modified - rscmwwlm_ConfigureInputSignal - added new standard - rscmwwlm_ConfigureInputSignalBandwidth - added new bandwidth - Constellation Diagram results * Removed - rscmwwlm_ConfigureSignalRouting - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTrace - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTrace
1.0.152	06/2010	Release for CMW firmware version 1.0.15.20 New features - Power Monitor results - RB Allocation Table results - New modulation measurement results New functions/attributes - rscmwlm_ConfigureMultiEvaluationMeasurementSpectrumEmissionMaskMeasFilter - rscmwlm_ConfigureMultiEvaluationMeasurementSubframe - rscmwlm_ConfigureMultiEvaluationMeasurementSubframeChannelType - rscmwlm_ConfigureAnalyzerMixerLevelOffset - rscmwlm_AnalyzerMeasureProtocolTestScenario - rscmwlm_ConfigureAnalyzerCombinedSignalPathScenario Obsolete functions - rscmwlm_ConfigureAnalyzerScenario
1.0.150	02/2010	Release for CMW firmware version 1.0.15 Modified functions/attributes - rscmwwlm_ConfigureSignalRouting - rscmwwlm_ConfigureInputSignal - rscmwwlm_ConfigureMEvalMeasParameters - rscmwwlm_ReadMEvalMeasOFDMValues - rscmwwlm_FetchMEvalMeasOFDMValues - rscmwwlm_QueryMEvalMeasOFDMLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMStandardDeviation - rscmwwlm_FetchMEvalMeasOFDMStandardDeviation - rscmwwlm_QueryMEvalMeasOFDMStandardDeviationLimitCheckResults - rscmwwlm_ReadMEvalMeasDSSSValues - rscmwwlm_FetchMEvalMeasDSSSValues - rscmwwlm_QueryMEvalMeasDSSSLimitCheckResults - rscmwwlm_ReadMEvalMeasDSSSStandardDeviation - rscmwwlm_FetchMEvalMeasDSSSStandardDeviation - rscmwwlm_QueryMEvalMeasDSSSStandardDeviationLimitCheckResults Added functions/attributes - rscmwwlm_ConfigureMEvalMeasModulationTracking - rscmwwlm_ConfigureMEvalMeasChannelEstimation - rscmwwlm_ConfigureMEvalMeasTransmitSpectrumMask - rscmwwlm_ConfigureMEvalMeasAssignViews - rscmwwlm_ConfigureMEvalMeasAssignViewsAll - rscmwwlm_ConfigureMEvalMeasTrigger - rscmwwlm_QueryMEvalMeasTriggerSourceCatalog

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureMEvalMeasListModeState - rscmwwlm_ConfigureMEvalMeasListModeNumberOfSegments - rscmwwlm_ConfigureMEvalMeasListModeCaptureTime - rscmwwlm_ConfigureMEvalMeasListModeChannelFilterEstimation - rscmwwlm_ConfigureMEvalMeasListModeStatisticalLength - rscmwwlm_ConfigureMEvalMeasListModeBurst - rscmwwlm_QueryMEvalMeasListModeBurst - rscmwwlm_ConfigureMEvalLimitsOFDM80211NEVM - rscmwwlm_ConfigureMEvalLimitsOFDM80211NEVMPilot - rscmwwlm_ConfigureMEvalLimitsOFDM80211NIQOffset - rscmwwlm_ConfigureMEvalLimitsOFDM80211NCenterFrequencyError - rscmwwlm_ConfigureMEvalLimitsOFDM80211NSymbolClockError - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskDSSS - rscmwwlm_ConfigureMEvalLimitsTransmitSpectrumMaskOFDM - rscmwwlm_ReadMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasOFDMTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasOFDMTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalMeasOFDMEVMSymbolTrace - rscmwwlm_FetchMEvalMeasOFDMEVMSymbolTrace - rscmwwlm_ReadMEvalMeasOFDMEVMCarrierTrace - rscmwwlm_FetchMEvalMeasOFDMEVMCarrierTrace - rscmwwlm_ReadMEvalMeasOFDMConstellationDiagramITrace - rscmwwlm_FetchMEvalMeasOFDMConstellationDiagramITrace - rscmwwlm_ReadMEvalMeasOFDMConstellationDiagramQTrace - rscmwwlm_FetchMEvalMeasOFDMConstellationDiagramQTrace - rscmwwlm_ReadMEvalMeasDSSSTransmitSpectrumMaskValues - rscmwwlm_FetchMEvalMeasDSSSTransmitSpectrumMaskValues - rscmwwlm_QueryMEvalMeasDSSSTransmitSpectrumMaskLimitCheckResults - rscmwwlm_ReadMEvalMeasDSSSEVMTrace - rscmwwlm_FetchMEvalMeasDSSSEVMTrace - rscmwwlm_ReadMEvalMeasDSSSConstellationDiagramITrace - rscmwwlm_FetchMEvalMeasDSSSConstellationDiagramITrace - rscmwwlm_ReadMEvalMeasDSSSConstellationDiagramQTrace - rscmwwlm_FetchMEvalMeasDSSSConstellationDiagramQTrace - rscmwwlm_ReadMEvalMeasTransmitSpectrumMaskTrace - rscmwwlm_FetchMEvalMeasTransmitSpectrumMaskTrace - rscmwwlm_FetchMEvalMeasListModeOFDMAllSegmentsValues - rscmwwlm_FetchMEvalMeasListModeOFDMAllSegmentsStandardDeviation - rscmwwlm_FetchMEvalMeasListModeOFDMOneSegmentValues - rscmwwlm_FetchMEvalMeasListModeOFDMOneSegmentStandardDeviation - rscmwwlm_FetchMEvalMeasListModeDSSSAllSegmentsValues - rscmwwlm_FetchMEvalMeasListModeDSSSAllSegmentsStandardDeviation - rscmwwlm_FetchMEvalMeasListModeDSSSOneSegmentValues - rscmwwlm_FetchMEvalMeasListModeDSSSOneSegmentStandardDeviation
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwwlm_QueryMEvalMeasOFDMLimitCheckResults - rscmwwlm_QueryMEvalMeasOFDMStandardDeviationLimitCheckResults - rscmwwlm_QueryMEvalMeasDSSSLimitCheckResults - rscmwwlm_QueryMEvalMeasDSSSStandardDeviationLimitCheckResults Modified functions/attributes

rscmwwlm driver for WLAN Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100, CMW270		
Revision	Date	Note
		- rscmwwlm_ConfigureInputSignal - added new standard - RSCMWWLM_ATTR_INPUT_SIGNAL_STANDARD - added new standard

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rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
4.0.200	07/2022	* Update for firmware version 4.0.20 * New core 4.3.0. The core is incompatible with the Cores 3.x. If you work with drivers that use both core 4.x and 3.x, please contact our customer support, we will update your Core 3.x drivers to the newest version. * Improved help for rscmwwls_init(), rscmwwls_InitWithOptions() * Optimized help texts for status codes
3.8.200	02/2021	* Support for CMW version 3.8.20 * New core 3.13.0 * New functions: - rscmwwls_QueryRFActiveScenario - rscmwwls_ConfigureRFBand - rscmwwls_ConfigureRFSignalRoutingStandardCellFading - rscmwwls_ConfigureRFSignalRoutingMIMO2x2Fading - rscmwwls_ConfigureRFRoutingAntennas - rscmwwls_ConfigureRFRoutingAntennasAttenuation - rscmwwls_QueryRFRoutingAntennaApproximateBurstPower - rscmwwls_ConfigureConnectionAssociation - rscmwwls_ConfigureConnectionAMPDUSettings - rscmwwls_ConfigureMultiStation - rscmwwls_ConfigureConnectionDataHEMUFrameResourceUnitAllocation - rscmwwls_ConfigureBroadcastTWTMinimumWakeDuration - rscmwwls_ConfigureConnectionHEMACBSRSupport - rscmwwls_ConfigureConnectionSupportDSSS - rscmwwls_ConfigureNDPSoundingStation - rscmwwls_ConfigureNDPSounding - rscmwwls_NDPSoundingTransmissionSingleShot - rscmwwls_ConfigureNDPSoundingTransmission - rscmwwls_CleanEventLog - rscmwwls_ConfigureFadingModuleAWGN - rscmwwls_ConfigureFadingSimulator - rscmwwls_QueryFadingSimulatorInsertionLoss - rscmwwls_ConfigureRXTriggerDelayType - rscmwwls_ConfigureRXTriggerRateRestriction - rscmwwls_ConfigureRXTriggerSpatialStreams - rscmwwls_ConfigurePacketGeneratorDestination - rscmwwls_QuerySecondState - rscmwwls_QueryThirdState - rscmwwls_QueryStationSSID - rscmwwls_QueryRXPowerIndicator - rscmwwls_ConfigureIPv4CMWIPAddress - rscmwwls_ConfigureIPv4StationIPAddress - rscmwwls_QueryDUTUEMAC - rscmwwls_QueryDUTUEIPAddress - rscmwwls_QueryDUTUECMWIPAddress - rscmwwls_QueryHETBUPHInfo - rscmwwls_QueryHETBUECapability - rscmwwls_QueryRXTriggerFrames - rscmwwls_ResetStatistics - rscmwwls_ConfigureStatisticsSettings

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwwls_QueryStatisticsRXTrafficData - rscmwwls_ConfigurePERDestinationStation - rscmwwls_ConfigurePERDataHEMUFrameUserStreams - rscmwwls_ConfigureHETBNumberOfFrames - rscmwwls_HETBMeasurementInitiate - rscmwwls_HETBMeasurementAbort - rscmwwls_HETBMeasurementStop - rscmwwls_QueryHETBMeasurementState - rscmwwls_QueryHETBMeasurementULPowerHeadroom - rscmwwls_SetAttributeRawString - rscmwwls_GetAttributeRawString * Updated functions: - rscmwwls_ConfigureRFSignalRoutingMIMO - implementation changed - rscmwwls_QueryRFSignalRoutingSettings - added RXConnector2, RXConverter2 - rscmwwls_ConfigureRFTXMIMOMode - removed enum TXD - rscmwwls_QuerySignalingState - added DUT1, DUT2, DUT3 - rscmwwls_ConfigureDUTDisconnection - added repeated capability station - rscmwwls_ConfigureOperationMode - removed enum IBSS, WDIR, TEST - rscmwwls_ConfigureAPConnectionSettings - remove NGF from Standard - rscmwwls_ConfigureConnectionManagementFrameRateControl - remove HTG Frame Format - rscmwwls_ConfigureConnectionDataFrameExtended - added repcap station - rscmwwls_ConfigureConnectionDataHEMUFrameRUAllocationSubfield - added repcap station - rscmwwls_ConfigureConnectionDataHEMUFrameRUAllocation - added repcap station - rscmwwls_QueryConnectionDataHEMUFrameRUAllocation - added repcap station - rscmwwls_ConfigureConnectionDataHEMUFrameUser - added repcap station - rscmwwls_ConfigureConnectionDataHEMUFrameUserAllocation - added repcap station - rscmwwls_ConfigureConnectionDataHEMUFrameDummyUserMCS - added repcap station - rscmwwls_ConfigureQOSTID - add Auto in Prioritization Mode - rscmwwls_ConfigureQOSTIDBARMethod - added repcap station - rscmwwls_ConfigureQOSTIDBlockAck - added repcap station - rscmwwls_ConfigureTriggerFrameUserInfo - added repcap station - rscmwwls_QueryTriggerFrameSpatialStream - added repcap station - rscmwwls_ConfigureTriggerFrameTargetRSSI -added repcap station - rscmwwls_QueryTriggerFrameTargetRSSI - added repcap station - rscmwwls_QueryUECapabilityMACAddress - added repcap station - rscmwwls_QueryUECapabilityRXBurstPower - added repcap station - rscmwwls_QueryUECapabilityDataRate - added repcap station, all enums changed - rscmwwls_QueryUECapabilityBufferedData - added repcap station - rscmwwls_QueryUEHECapabilities - added repcap station - rscmwwls_ConfigurePERPacketSettings - PER limit is not used now - rscmwwls_ConfigurePERTrafficBurst - update Frame Format enums - rscmwwls_ConfigureIPv4Settings - stack, destination is not used now * Deleted: - rscmwwls_ConfigureRFSignalAttenuation - rscmwwls_ConfigureRFSignalPowerUplink - rscmwwls_QueryRFSignalApproximateRXBurstPower - rscmwwls_ConfigureRFMixerLevelOffset - rscmwwls_ConfigureRFSignalExternalAttenuation - rscmwwls_ConfigureRFMIMOTXSpatialMapping - rscmwwls_ConfigureAdvancedRFSettings - rscmwwls_StartWPSConnection	

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwwls_StartWiFiDirectConnection - rscmwwls_ConfigureConnectionSecurityWPS - rscmwwls_ConfigureConnectionSecurityWiFiDirect - rscmwwls_ConfigureWiFiDirectDeviceProperties - rscmwwls_ConfigureRXFilter - rscmwwls_QueryStationServiceSetIdentifier - rscmwwls_QueryPERACKRate
3.7.400	06/2019	* Support for CMW version 3.7.40 * New core 3.5.0 * New functions: - rscmwwls_ConfigureBSSColor - rscmwwls_ConfigureAssociationIDRange - rscmwwls_ConfigureConnectionDataFrameExtended - rscmwwls_ConfigureConnectionDataHEMUFrameRUAllocationSubfield - rscmwwls_ConfigureConnectionDataHEMUFrameRUAllocation - rscmwwls_QueryConnectionDataHEMUFrameRUAllocation - rscmwwls_ConfigureConnectionDataHEMUFrameUser - rscmwwls_ConfigureConnectionDataHEMUFrameUserAllocation - rscmwwls_ConfigureConnectionDataHEMUFrameDummyUserMCS - rscmwwls_ConfigureHTSmoothing - rscmwwls_ConfigureBroadcastTWTState - rscmwwls_ConfigureAMPDU - rscmwwls_ConfigureBroadcastTWTFlowID - rscmwwls_ConfigureEDCA - rscmwwls_ConfigureQOSTID - rscmwwls_ConfigureQOSTIDBARMethod - rscmwwls_ConfigureQOSTIDBlockAck - rscmwwls_ConfigureTriggerFrameCommonInfo - rscmwwls_QueryTriggerFrameAPTxPower - rscmwwls_ConfigureTriggerFrameUserInfo - rscmwwls_QueryTriggerFrameSpatialStream - rscmwwls_ConfigureTriggerFrameTargetRSSI - rscmwwls_QueryTriggerFrameTargetRSSI - rscmwwls_TriggerFrameTransmissionSingleShot - rscmwwls_ConfigureTriggerFrameTransmissionPeriodical - rscmwwls_ConfigureRXTriggerBandwidth - rscmwwls_ConfigureRXTriggerRate - rscmwwls_ConfigureTriggerOFDMMinLength - rscmwwls_ConfigureTriggerDSSMinLength - rscmwwls_QueryRXPowerIndicator - rscmwwls_QueryUECapabilityBufferedData - rscmwwls_ConfigurePERTrafficBurstExtended - rscmwwls_ConfigurePERLinkToSIGFrameSettings - rscmwwls_ConfigurePERDataHEMUFrameRUAllocationSubfield - rscmwwls_ConfigurePERDataHEMUFrameRUAllocation - rscmwwls_QueryPERDataHEMUFrameRUAllocation - rscmwwls_ConfigurePERDataHEMUFrameUser - rscmwwls_ConfigurePERDataHEMUFrameUserAllocation - rscmwwls_ConfigurePERDataHEMUFrameDummyUserMCS - rscmwwls_GetAttributeRepCapName - rscmwwls_SetOPCTimeout - rscmwwls_GetOPCTimeout - rscmwwls_ConfigureAutoSystemErrQuery

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwwls_ConfigureMultiThreadLocking * Updated functions: - rscmwwls_ConfigureRFOperatingChannelWidth - added 160 Mhz bandwidth - rscmwwls_ConfigureRFMixerLevelOffset - range changed - rscmwwls_ConfigureConnectionManagementFrameRateControl - new frame formats - HES, HEM - rscmwwls_ConfigureTriggerMode - new trigger modes - rscmwwls_ConfigurePacketGenerator - API changed - index added - rscmwwls_ConfigurePacketGeneratorIPVersion - API changed - index added - rscmwwls_ConfigurePacketGeneratorProtocol - API changed - index added - rscmwwls_QueryUECapabilityDataRate - Format, rate, bandwidth - new values
3.7.100	03/2018	* Update for firmware 3.7.10 * New: - rscmwwls_ConfigureUserDefinedVHTSupportedRates - rscmwwls_QueryUECapabilityDataRate - rscmwwls_QueryUEHECapabilities * Updated: - rscmwwls_ConfigureRFSignalRoutingStandardCell - Signaling Unit Number updated - rscmwwls_ConfigureRFSignalRoutingMIMO - Signaling Unit Number updated - rscmwwls_ConfigureOperationMode - Operation Mode opdated - rscmwwls_ConfigureAPConnectionSettings - Standard updated - rscmwwls_ConfigureConnectionSecurity - SCPI command for Mode and Passphrase updated
3.5.1300	03/2017	* Update for firmware 3.5.130 * New: - rscmwwls_ConfigureConnectionManagementFrameRateControl - rscmwwls_ConfigureConnectionDataFrame - rscmwwls_ConfigurePERTrafficBurst - rscmwwls_ConfigureAdvancedRFSettings - rscmwwls_ConfigureRFNp20Index - rscmwwls_ConfigureRFNp20Frequency - rscmwwls_ConfigureRFNp20Channel - rscmwwls_ConfigureRFOperatingChannelWidth - rscmwwls_ConfigureRFSignalRoutingStandardCell - rscmwwls_ConfigureRFSignalRoutingMIMO - rscmwwls_QueryUECapabilityRXBurstPower - rscmwwls_QueryRFSignalApproximateRXBurstPower - rscmwwls_ConfigureRFFrequencyOffset - rscmwwls_ConfigureMessageMonitoring - rscmwwls_QueryMessageMonitoringLoggingPCIPv4Address - rscmwwls_ConfigureErrorChecking * Updated: - rscmwwls_ConfigureRFSignalBurstPowerDownlink - range checking removed - rscmwwls_ConfigureAPConnectionSettings - added new value to 'Standard' parameter - rscmwwls_QueryRFSignalRoutingSettings - added new values to 'RX Connector', 'RX Converter', 'TX Connector', 'TX Converter', 'TX Connector 2', 'TX Converter 2' parameters * Deleted: - rscmwwls_ConfigureRFSignalRouting - replaced by rscmwwls_ConfigureRFSignalRoutingStandardCell - rscmwwls_QueryRFSignalBandwidth - replaced by rscmwwls_ConfigureRFOperatingChannelWidth

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwwls_ConfigureRFSignalMIMOScenario - replaced by rscmwwls_ConfigureRFSignalRoutingMIMO - rscmwwls_ConfigureFrameRateControl - replaced by rscmwwls_ConfigureConnectionManagementFrameRateControl and rscmwwls_ConfigureConnectionDataFrame - rscmwwls_ConfigurePERModulationCodingRate - replaced by ConfigurePERTrafficBurst * New attributes: - RSCMWWLS_ATTR_RF_FREQUENCY_OFFSET (RF Frequency Offset) - RSCMWWLS_ATTR_RF_OPERATING_CHANNEL_WIDTH (RF Operating Channel Width) - RSCMWWLS_ATTR_RF_APPROXIMATE_RX_BURST_POWER (RF Approximate RX Burst Power) - RSCMWWLS_ATTR_RF_NP20_INDEX (RF Np20 Index) - RSCMWWLS_ATTR_RF_NP20_FREQUENCY (RF Np20 Frequency) - RSCMWWLS_ATTR_RF_NP20_CHANNEL (RF Np20 Channel) - RSCMWWLS_ATTR_IQ_SWAP_TX (IQ Swap TX) - RSCMWWLS_ATTR_IQ_SWAP_RX (IQ Swap RX) - RSCMWWLS_ATTR_TX_SET (TX Set) - RSCMWWLS_ATTR_RX_SET (RX Set) - RSCMWWLS_ATTR_QUERY_UE_RX_BURST_POWER (Query UE RX Burst Power) - RSCMWWLS_ATTR_MESSAGE_MONITORING_ADD_WLAN_SIGNALING_TO_LOGGING (Message Monitoring Add WLAN Signaling To Logging) - RSCMWWLS_ATTR_MESSAGE_MONITORING_LOGGING_PC_IPV4_ADDRESS (Message Monitoring Logging PC IPv4 Address) * Modified attributes: - RSCMWWLS_ATTR_RF_SIGNAL_BURST_POWER_DOWNLINK (RF Signal Burst Power Downlink) - Range table removed. * Modified Range Tables: - rscmwwls_rngConnectionStandard - RSCMWWLS_ATTR_CONNECTION_STANDARD New items: RSCMWWLS_VAL_WLAN_ACST
3.5.400	10/2016	* Update for CMW firmware version 3.5.40 * New: - rscmwwls_ConfigureIPRoutesList - rscmwwls_ConfigureConnectionHotspotBSSLoadElement - rscmwwls_ReadToFileFromInstrument ... to be compatible with LV - rscmwwls_WriteFromFileToInstrument ... to be compatible with LV - rscmwwls_SetVISATimeout - rscmwwls_GetVISATimeout - rscmwwls_ClearStatus - rscmwwls_ProcessAllPreviousCommands - rscmwwls_QueryOPC - rscmwwls_IDQueryResponse * Updated: - rscmwwls_error_query - rscmwwls_WaitForOPCCallback - rscmwwls_ConfigureConnectionHotspotDomainName - rscmwwls_ConfigureIPv6Settings RSCMWWLS_ATTR_IP_VERSION_6_PREFIX - RSCMWWLS_ATTR_PER_LAST_ACK_RATE * Deprecated

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwwls_QueryPERACKRate
3.5.202	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.201	02/2016	* Fixed session closing
3.5.200	11/2015	* Update for firmware 3.5.200 * New: - DAU - rscmwwls_ConfigureConnectionHotspotDomainName - rscmwwls_ConfigureConnectionHotspotPLMN - rscmwwls_ConfigureConnectionHotspotRealmName - rscmwwls_QueryEAPConnectionState - rscmwwls_QueryEventLog * Updated: - rscmwwls_ConfigureConnectionHotspotSuplement
3.5.100	04/2015	* Update for firmware version 3.5.10.xx * New: - rscmwwls_StartWiFiDirectConnection - rscmwwls_ConfigureConnectionDTIMPeriod - rscmwwls_ConfigureConnectionSecurityWiFiDirect - rscmwwls_ConfigureWiFiDirectDeviceProperties - rscmwwls_ConfigureConnectionSecurityEAPSIMRadiusServer - rscmwwls_ConfigureConnectionSecurityEAPAKARadiusServer - rscmwwls_ConfigureConnectionIPVersionSupport - rscmwwls_ConfigurePacketGeneratorIPVersion - rscmwwls_QueryStationServiceSetIdentifier - rscmwwls_ConfigureIPv4Settings - rscmwwls_ConfigureIPv6Settings - rscmwwls_ReadPERResults - rscmwwls_FetchPERResults - rscmwwls_QueryPERACKRate * Update: - rscmwwls_ConfigureRFSignalChannel - Channel number updated - rscmwwls_ConfigureRFSignalPowerUplink - Range table for <Expected Peak Envelope Power> updated. - rscmwwls_ConfigureAPConnectionSettings - Range table for <Beacon Interval> updated. - rscmwwls_ConfigureTriggerSettings - The original attributes were deprecated and replaced by new ones.
3.2.700	11/2014	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Update for firmware version 3.2.70.xx * New: - rscmwwls_StartWPSConnection - rscmwwls_ConfigureConnectionSecurityWPS - rscmwwls_ConfigureConnectionSecurityRadiusServerMode - rscmwwls_ConfigureConnectionHotspotBasic - rscmwwls_ConfigureConnectionHotspotSuplement - rscmwwls_ConfigureConnectionHotspotNumberOfDigit - rscmwwls_ConfigureTriggerMinLength
3.2.600	06/2014	* Update for firmware version 3.2.60.xx * New:

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		- rscmwwls_ConfigureRFSignalMIMOScenario - rscmwwls_ConfigureRFSignalExternalAttenuation - rscmwwls_ConfigureRFTXMIMOMode - rscmwwls_ConfigureRFMIMOTXSpatialMapping - rscmwwls_ConfigureRFSignalTXPowerRatio - rscmwwls_ConfigureTriggerMode * Update: - rscmwwls_QueryRFSignalRoutingSettings - rscmwwls_ConfigureRFSignalBurstPowerDownlink - rscmwwls_ConfigureOperationMode - rscmwwls_ConfigurePacketGenerator - rscmwwls_ConfigurePERModulationCodingRate - rscmwwls_ConfigureFrameRateControl - rscmwwls_ConfigureConnectionSecurity
3.2.100	09/2013	* Update for firmware version 3.2.10.xx * New: - rscmwwls_ConfigureRFMixerLevelOffset - rscmwwls_ConfigureConnect - rscmwwls_ConfigureReconnect - rscmwwls_ConfigureOperationMode - rscmwwls_ConfigureConnectionSecurity - rscmwwls_ConfigureConnectionSecurityRadiusServer - rscmwwls_ConfigureRXFilter - rscmwwls_ConfigureConnectionMode - rscmwwls_ConfigureSSIDConnection * Update: - rscmwwls_ConfigureRFSignalRouting - rscmwwls_QueryRFSignalRoutingSettings - rscmwwls_ConfigureAPConnectionSettings - rscmwwls_ConfigureCountryCode - rscmwwls_ConfigureFrameRateControl - rscmwwls_ConfigureTriggerSettings - rscmwwls_ConfigurePacketGenerator - rscmwwls_QueryPacketSwitchedState - rscmwwls_ConfigurePERModulationCodingRate
3.0.200	04/2013	* Update for firmware version 3.0.20 * New: - rscmwwls_ConfigureEndToEnd - rscmwwls_ConfigureRFSignalChannel - rscmwwls_ConfigureFrameRateControl - rscmwwls_ConfigureUserDefinedSupportedRatesState - rscmwwls_ConfigureUserDefinedDSSSSupportedRates - rscmwwls_ConfigureUserDefinedOFDMSupportedRates - rscmwwls_ConfigureUserDefinedOFDMSupportedModulationSchemes - rscmwwls_ConfigurePacketGeneratorProtocol - rscmwwls_QueryUECapabilityAssignedAddress * Update - rscmwwls_ConfigureCountryCode
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * New: - rscmwwls_ConfigureCountryCode - rscmwwls_ConfigurePacketGenerator

rscmwwls driver for WLAN Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW270		
Revision	Date	Note
		* Update - rscmwwls_ConfigureTriggerSettings - support for RX
1.0.0	02/2012	- Initial version

22 RScmwTM - TD-SCDMA Measurement (3.7.100)

Rscmwtm driver for TD-SCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.100	02/2018	* Update for firmware version 3.7.10 * Code improvements
3.5.500	03/2017	* Update for firmware version 3.5.50 * All VISA resource name inputs are mandatory * Changed Icons strip color to blue for measurement drivers and orange for signaling drivers * Changed Palette Icons * Cleaned up all the Front Panels * New - rscmwtm Fetch Multi Eval List Mode All Power Monitor Results.vi - rscmwtm Configure UE Signal Midamble Shift.vi - rscmwtm Configure UE Signal Number Of E-UCCH.vi - rscmwtm Configure Multi Eval Measurement Timeout.vi - rscmwtm Configure Multi Eval Measurement List Mode Segment Connector.vi
3.5.400	11/2016	* Update for firmware version 3.5.40 * New - rscmwtm_ConfigureMEvalMeasListModeSegmentPvT - rscmwtm_FetchMEvalMeasListModePvTResults - rscmwtm_ConfigureTPCMaximumUEPowerClassValueReported - rscmwtm_ClearStatus - rscmwtm_IDQueryResponse - rscmwtm_ProcessAllPreviousCommands - rscmwtm_QueryOPC - rscmwtm_SetVISATimeout - rscmwtm_GetVISATimeout - rscmwtm_SetFastSweepMode * Modified - rscmwtm_ConfigureAnalyzerStandAloneScenario - new connectors - rscmwtm_QuerySignalRouting - new connectors - fixed RSCMWTM_ATTR_UE_SIGNAL_SCRAMBLING_CODE and rscmwtm_ConfigureUESignal: instrument returns value in hex format
3.5.100	03/2015	* Update for firmware version 3.5.10 * Help improvements * Modified - rscmwtm_QuerySignalRouting
3.2.700	11/2014	* Update for firmware version 3.2.70 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * New - rscmwtm_ConfigureMultiEvalMeasurementTwoShotLevelDifference * Modified - rscmwtm_ConfigureAnalyzer - <Center Frequency> range table updated. - rscmwtm_ConfigureUESignalAllDPCHsState - Default value changed - rscmwtm_ConfigureUESignalInfoSingleDPCH - Default value changed - rscmwtm_ConfigureMEvalMeasListModeSegmentProperties - added two new controls: <Midamble Shift Mode> and <User Shift Key>

Rscmwtm driver for TD-SCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		updated controls: <Segment Length> range table + default value, <Switch Point> changed default value, <MidambleK> changed default value, <Center Frequency> range table updated, <Band> default value and help updated.
3.2.500	06/2014	* Update for firmware version 3.2.50 * New - TPC Subsystem - rscmwtm_ConfigureMEvalMeasTwoShotAssemblyLevel - rscmwtm_QueryMEvalMeasPVTResultsLimitCheckResult - rscmwtm_FetchMEvalMeasSpectrumRelativeACLR * Modified - rscmwtm_ConfigureAnalyzerStandAloneScenario - rscmwtm_QuerySignalRouting - rscmwtm_ConfigureMEvalMeasTrigger - rscmwtm_ReadMEvalMeasEVMStandardDeviationTrace - rscmwtm_FetchMEvalMeasEVMStandardDeviationTrace
3.2.100	08/2013	* Update for firmware version 3.2.10 * New - rscmwtm_ConfigureAnalyzerFrequencyOffset - rscmwtm_ConfigureAnalyzerCombinedSignalPath - rscmwtm_ConfigureMEvalMeasListModeEvaluationOffset - rscmwtm_ConfigureUESignalFrameStructure - rscmwtm_ConfigureAnalyzerFrequencyBandAndChannel * Modified - RSCMWTM_ATTR_UE_SIGNAL_SCRAMBLING_CODE - changed command - List Mode segment - changed max. number of segments to 500 - rscmwtm_FetchMEvalMeasListModeAllSpectrumResults, rscmwtm_FetchMEvalMeasListModeSpectrumResults - swapped ACLR Plus 1 and ACLR Plus 2 results - rscmwtm_QuerySignalRouting - added Combined Signal Path
3.0.200	12/2012	Modifications: * Update for firmware version 3.0.20 * New functions: - rscmwtm_ReadMEvalMeasPVTResults - rscmwtm_FetchMEvalMeasPVTResults - rscmwtm_FetchMEvalMeasListModeAllReliabilityResults * Updated functions: - rscmwtm_QueryMEvalMeasModulationResultsLimitsCheckResult, - rscmwtm_ReadMEvalMeasModulationStandardDeviation, - rscmwtm_FetchMEvalMeasModulationStandardDeviation, - rscmwtm_QueryMEvalMeasModulationStandardDeviationLimitsCheckResult - documentation updated: added new results Waveform quality, PCD Error Code - rscmwtm_ReadMEvalMeasSpectrumTrace, - rscmwtm_FetchMEvalMeasSpectrumTrace, - rscmwtm_QueryMEvalMeasSpectrumTraceLimitsCheckResult - documentation updated: added new results Frequency emission mask AB, CD, DE, ED, DC, BA - rscmwtm_FetchMEvalMeasListModeAllModulationPCDEResults - added control for PCD Error Code results - rscmwtm_ConfigureMEvalMeasListModeSegmentProperties - added controls for configuration of level, center frequency, band, retrigger - rscmwtm_FetchMEvalMeasListModePowerMonitorResults - added control: Number Of Subframes
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10

Rscmwtm driver for TD-SCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		* New: - List Mode Subsystem (Classes: List Mode, List Mode Segment, List Mode All) - rscmwtm_ConfigureMEvalMeasSubframeOffset - rscmwtm_ConfigureMEvalMeasTrCHMode - rscmwtm_ConfigureMEvalMeasTriggerTimeoutState - rscmwtm_ConfigureAnalyzerChannel * Update - rscmwtm_ConfigureMEvalMeasTrigger - timeout data type changed, int > double, range RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT - rscmwtm_ReadMEvalMeasModulationResults - greater array size - Waveform quality added - rscmwtm_FetchMEvalMeasModulationResults - greater array size - Waveform quality added - rscmwtm_QueryMEvalMeasModulationResultsLimitsCheckResult - greater array size - Waveform quality added
2.1.100	05/2011	Release for CMW firmware version 2.2.10.x * Added functions/attributes - rscmwtm_ConfigureMEvalMeasDataPattern - rscmwtm_FetchMEvalPVTLimitChec
2.0.110	02/2011	Release for CMW firmware version 2.0.11.xx * Added functions/attributes - rscmwtm_ConfigureAnalyzerMixerLevelOffset - rscmwtm_QuerySignalRouting * Modified functions/attributes - rscmwtm_ConfigureAnalyzerStandAloneScenario - added new connectors
1.0.152	08/2010	Release for CMW firmware version 1.0.15.20 * Added functions/attributes - rscmwtm_ConfigureAnalyzerStandAloneScenario - rscmwtm_ConfigureAnalyzerExternalAttenuation * Modified functions/attributes - rscmwtm_ConfigureMEvalMeasTrigger * Removed functions - rscmwtm_ConfigureSignalRouting
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwtm_QueryMEvalMeasModulationResultsLimitsCheckResult - rscmwtm_QueryMEvalMeasModulationStandardDeviationLimitsCheckResult - rscmwtm_QueryMEvalMeasSpectrumTraceLimitsCheckResult - rscmwtm_QueryMEvalMeasBERLimitsCheckResult Modified functions/attributes - rscmwtm_ConfigureMEvalMeasParameters - rscmwtm_ConfigureMEvalMeasTrigger
1.0.50	12/2008	Release for CMW firmware version 1.0.53 - Modified functions/attributes - rscmwtm_ConfigureMEvalMeasStatisticsCount - added BER - rscmwtm_ConfigureMEvalMeasResults - added BER - rscmwtm_ConfigureMEvalMeasResultsAll - added BER - RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_STATISTIC_COUNT - added BER - RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_RESULT - added BER

Rscmwtm driver for TD-SCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- New functions/attributes - rscmwtm_ConfigureMEvalLimitsPVTIndividualAreas - rscmwtm_ReadMEvalMeasBER - rscmwtm_FetchMEvalMeasBER
1.0.41	09/2008	Release for CMW firmware version 1.0.4 Modified: - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwtm_RsClose function - Modified rcmwtm_atof, rscmwtm_atol
1.0.40	07/2008	Release for CMW firmware version 1.0.4 Modified: - Removed functions/attributes - rscmwtm_ReadMEvalMeasCodeDomainScalarSlot - rscmwtm_FetchMEvalMeasCodeDomainScalarSlot - rscmwtm_ReadMEvalMeasCodeDomainScalarSlotStandardDeviation - rscmwtm_FetchMEvalMeasCodeDomainScalarSlotStandardDeviation - Modified functions/attributes - rscmwtm_ConfigureMEvalMeasResultsAll - swapped order of elements in array - RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - redesigned - rscmwtm_ConfigureMEvalMeasTrigger - redesigned - chanded command in: RSCMWTM_ATTR_UE_SIGNAL_FIRST_ACTIVE_UPLINK_SLOT RSCMWTM_ATTR_UE_SIGNAL_SCRAMBLING_CODE RSCMWTM_ATTR_UE_SIGNAL_CHANNEL_DETECT_THRESHOLD RSCMWTM_ATTR_UE_SIGNAL_SWITCHING_POINT RSCMWTM_ATTR_UE_SIGNAL_USER_NUMBER RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SLOPE RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_THRESHOLD RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT RSCMWTM_ATTR_MULTI_EVAL_MEASUREMENT_SCALAR_SLOT RSCMWTM_ATTR_UE_SIGNAL_DPCH_SPREADING_FACTOR RSCMWTM_ATTR_UE_SIGNAL_DPCH_CODE_NUMBER RSCMWTM_ATTR_UE_SIGNAL_SICH_ENABLE RSCMWTM_ATTR_UE_SIGNAL_SICH_CODE_NUMBER RSCMWTM_ATTR_UE_SIGNAL_CHANNEL_INFO_MODE RSCMWTM_ATTR_UE_SIGNAL_DPCH_ENABLE RSCMWTM_ATTR_UE_SIGNAL_DPCH_ENABLE_ALL rscmwtm_ConfigureUESignalInfoAllDPCHs rscmwtm_ConfigureMEvalLimitsACLRAbs rscmwtm_ConfigureMEvalLimitsACLRRel rscmwtm_ConfigureMEvalLimitsspectrumEmissionMaskAbs rscmwtm_ConfigureMEvalLimitsspectrumEmissionMaskRel rscmwtm_ConfigureMEvalLimitsCarrierFrequencyError rscmwtm_ConfigureMEvalLimitsTransportTimeError rscmwtm_ConfigureMEvalLimitsPVT rscmwtm_ConfigureMEvalLimitsWaveformQuality rscmwtm_ReadMEvalMeasCodeDomainMultiSlotTrace rscmwtm_FetchMEvalMeasCodeDomainMultiSlotTrace

Rscmwtm driver for TD-SCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		rscmwtm_ReadMEvalMeasEVMvsSlotTrace rscmwtm_FetchMEvalMeasEVMvsSlotTrace rscmwtm_ReadMEvalMeasMagnErrVsSlotTrace rscmwtm_FetchMEvalMeasMagnErrVsSlotTrace rscmwtm_ReadMEvalMeasMagnErrStandardDeviationTrace rscmwtm_FetchMEvalMeasMagnErrStandardDeviationTrace rscmwtm_ReadMEvalMeasPhaseErrVsSlotTrace rscmwtm_FetchMEvalMeasPhaseErrVsSlotTrace rscmwtm_ReadMEvalMeasPhaseErrStandardDeviationTrace rscmwtm_FetchMEvalMeasPhaseErrStandardDeviationTrace - New functions/attributes - RSCMWTM_ATTR_UE_SIGNAL_MODULATION_TYPE - rscmwtm_ConfigureMEvalLimitsPVTBorders
1.0.30	05/2008	Release for CMW firmware version 1.0.3 Modified: - Firmware 1.0.3.6 features implementation and debug
1.0.2	04/2008	Release for CMW firmware version 1.0.2 Initial revision

23 RScmwTS - TD-SCDMA Signaling (3.7.100)

rscmwts driver for TD-SCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.100	02/2017	* Update for firmware version 3.7.10 * New - rscmwts_ConfigureRFSignalCellFadingFlexibleInternalScenario - rscmwts_ConfigureRFSignalCellFadingFlexibleExternalScenario - rscmwts_ConfigureRFStandardCellFlexibleScenario
3.5.500	03/2017	* Update for firmware version 3.5.500 * New - rscmwts_ConfigureConnectionTestModeRMCULChannelCodeMode - rscmwts_ConfigureBERMeasurementTimeout - rscmwts_ConfigureErrorChecking * Updated: - rscmwts_ConfigureConnectionTestModeSettings - rscmwts_ConfigureConnectionHSPADirection - rscmwts_ConfigureHandoverLTEExternalDestination - rscmwts_ConfigureNetworkEntryLTENeighborCell - rscmwts_QuerySignalingPacketSwitchedState
3.5.400	11/2016	* Update for firmware version 3.5.40 * New - rscmwts_ConfigureRFSignalCellFadingInternalScenario - rscmwts_QueryActiveScenarioFader - rscmwts_ConfigurePhysicalDLHSUPAChannelLevel - rscmwts_ConfigurePhysicalULPowerUseReported - rscmwts_ConfigurePhysicalULUpPCHIgnoreRACH - rscmwts_ConfigureConnectionVoiceSettingsAdditional - rscmwts_QueryUECapabilitiesHSUPA - rscmwts_ConfigureHandoverTargetScrambling - rscmwts_ConfigureOutgoingSMSBinaryMessageText - rscmwts_ConfigureOutgoingSMSProtocolIdentifier - rscmwts_ConfigureOutgoingSMSSettings - rscmwts_ConfigureOutgoingSMSServiceCenterTimeStampSource - rscmwts_ConfigureOutgoingSMSServiceCenterTimeStampDate - rscmwts_QueryLastOutgoingSMSSentStatus - rscmwts_ConfigureLargeSMSHandling - rscmwts_ClearStatus - rscmwts_IDQueryResponse - rscmwts_ProcessAllPreviousCommands - rscmwts_QueryOPC - rscmwts_SetVISATimeout - rscmwts_GetVISATimeout - rscmwts_SetFastSweepMode - IRAT HO Mobility class - Internal Fading class - Time class - HSUPA class - Event Log class - CMW Voice Info class * Updated:

rscmwts driver for TD-SCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwts_ConfigureRouting - Multi-CMW setup - rscmwts_QuerySignalRouting - Multi-CMW setup - rscmwts_ConfigureRFSignalCellFadingExternalScenario - Multi-CMW setup - rscmwts_ConfigureConnectionPacketDataRate - HSUPA added to Uplink DR - rscmwts_ConfigureNetworkIdentityAreaCode - code number range changed - rscmwts_ConfigureNetworkGSMNeighborCellList - removed T810 band - rscmwts_ConfigureHSDPARMCCategory - Max Throughput values added - rscmwts_QuerySignalingCellConfiguration - HSPA added - rscmwts_ConfigureHandoverGSMExternalDestination - removed T810 band - rscmwts_ReadHSDPAThroughputAbsolute - new result - rscmwts_FetchHSDPAThroughputAbsolute - new result - rscmwts_SetOPCTimeout - rscmwts_GetOPCTimeout - rscmwts_error_query
3.5.201	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.200	10/2015	* Update for firmware version 3.5.20 * New - rscmwts_QueryPhysicalULPRACHConfiguration - rscmwts_ConfigurePhysicalGeneralSwitchPoint - rscmwts_ConfigureConnectionHSPADataPattern - rscmwts_QueryUECapabilitiesHSDPA - HSDPA Measurement * Updated: - rscmwts_ConfigurePhysicalULPRACHSettings - rscmwts_ConfigureHSDPARMCCategory
3.5.100	03/2015	* Update for firmware version 3.5.10 * Help improvements * Updated - rscmwts_QuerySignalRouting - rscmwts_ConfigureNetworkCellReselection
3.2.700	11/2014	* Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Update for firmware version 3.2.70 * New features - Test Mode Connection Settings - HSDPA Settings - Packet Data - High Speed Packet Access (HSPA) - Additional HSDPA channels - Indication of HSDPA signal * New - rscmwts_ConfigurePhysicalDLHSPDSCHChannelLevel - rscmwts_ConfigurePhysicalDLHSSCCHChannelLevel - rscmwts_QueryPhysicalDLChannelTableFPACHTimeslot - rscmwts_QueryPhysicalULUpPCHExpectedPower - rscmwts_ConfigureConnectionHSPADirection - rscmwts_QueryNetworkSynchronizationOffset - rscmwts_ConfigureHSDPAChannelConfigurationType - rscmwts_ConfigureHSDPARMCCategory - rscmwts_QuerySignalingCellConfiguration - rscmwts_ConfigureHandoverExternalTarget

rscmwts driver for TD-SCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwts_ConfigureHandoverGSMExternalDestination - rscmwts_ConfigureHandoverLTEExternalDestination - rscmwts_ConfigureHandoverTDSCDMAExternalDestination * Updated - rscmwts_ConfigurePhysicalDLChannelLevel - The range table for the control <Level> was updated . - rscmwts_ConfigurePhysicalDLChannelTableFPACHTimeslot - this function was deleted and replaced by the function - rscmwts_QueryPhysicalDLChannelTableFPACHTimeslot - rscmwts_ConfigurePhysicalULUpPCHSettings - the control <Expected Power> was canceled and integrated under query form in a new function rscmwts_QueryPhysicalULUpPCHExpectedPower - rscmwts_ConfigureConnectionSettings - the default value of the control <UE Terminated Connection> was updated. - rscmwts_ConfigureConnectionPacketDataRate - rscmwts_ConfigureNetworkTDSCDMATDDNeighborCellList - help was updated - rscmwts_ConfigureNetworkSynchronizationSetttings - The control <Synchronization Offset> was canceled and integrated under query form in a new function rscmwts_QueryNetworkSynchronizationOffset
3.2.500	06/2014	* Update for firmware version 3.2.50 * New features - RF frequency offset - AWGN interferer - TDD switching point - UL/DL DPCH timeslot in test mode - Second PICH channel - P-CCPCH Tx power level - UpPCH shift - TPC extension, TPC test step BC, DE, FG - Handover extension- Baton handover, Handover mobility mode. - Timer and constant extension - Synchronization Offset - Additional data rates for SRB connections * New - rscmwts_ConfigureDataEndToEndState - rscmwts_ConfigureRFSignalCellFadingExternalScenario - rscmwts_ConfigureRFSignalExternalDelayCompensation - rscmwts_ConfigureRFSignalFrequencyOffset - rscmwts_ConfigureRFSignalPowerDownlinkAWGN - rscmwts_ConfigureRFSignalIQInputSettings - rscmwts_QueryRFSignalIQOutputSettings - rscmwts_ConfigurePhysicalDLOCNS - rscmwts_ConfigurePhysicalDLChannelizationCodesEnhanced - rscmwts_ConfigurePhysicalDLChannelizationCodeListsLength - rscmwts_ConfigurePhysicalDLChannelTableFPACHTimeslot - rscmwts_ConfigurePhysicalDLChannelTableDPCHTimeslot - rscmwts_ConfigurePhysicalDLPCCPCHTxPower - rscmwts_ConfigurePhysicalULDPCHTimeslot - rscmwts_ConfigurePhysicalULUpPCHShifting - rscmwts_ConfigurePhysicalULTPCTargetPower - rscmwts_ConfigurePhysicalULTPCPrecondition - rscmwts_ConfigurePhysicalULTPCExecute - rscmwts_ConfigurePhysicalULTPCStepSettings - rscmwts_QueryPhysicalULTPCState - rscmwts_ConfigureConnectionTestModeRMCDataRate - rscmwts_ConfigureConnectionPacketDataRate

rscmwts driver for TD-SCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwts_ConfigureNetworkHandoverType - rscmwts_ConfigureNetworkCellReselectionTimeHysteresis - rscmwts_ConfigureNetworkCellReselectionSignalLevel - rscmwts_ConfigureNetworkTimeout - rscmwts_ConfigureNetworkUEN315 - rscmwts_ConfigureNetworkUEDRXCycleLengthCoefficient - rscmwts_ConfigureNetworkTDSCDMATDDNeighborCellList - rscmwts_ConfigureNetworkGSMNeighborCellList - rscmwts_ConfigureNetworkLTENeighborCellThresholdHigh - rscmwts_ConfigureNetworkEntryLTENeighborCell - rscmwts_ConfigureNetworkSynchronizationSetttings - rscmwts_ConfigureUEMeasurementReportUTRATDDNeighborCell - rscmwts_QueryUEMeasurementReportUTRATDDNeighborCell - rscmwts_ConfigureUEMeasurementReportLTENeighborCell - rscmwts_QueryUEMeasurementReportLTENeighborCell - rscmwts_ConfigureUEMeasurementReportGSMNeighborCell - rscmwts_QueryUEMeasurementReportGSMNeighborCell - rscmwts_ConfigureSignalingPacketSwitchedState - rscmwts_QuerySignalingPacketSwitchedState - rscmwts_ConfigureHandoverMobilityMode - rscmwts_ReadPhysicalDLChannelizationCode * Updated - rscmwts_QuerySignalRouting - rscmwts_QueryActiveScenario - rscmwts_ConfigurePhysicalULUpPCHSettings - rscmwts_ConfigurePhysicalULTPCSettings - rscmwts_ConfigureConnectionSettings - rscmwts_ConfigureNetworkUEN313 - rscmwts_ConfigureHandoverTarget - rscmwts_QueryUEMeasurementReport - Help updated. - rscmwts_ConfigureMessageMonitoring - Help updated. - rscmwts_ConfigureInternalOutgoingSMS - Help updated. - rscmwts_ConfigureBERMeasurementControlSettings - Help updated.
3.2.100	10/2013	* Initial release for firmware version 3.2.10

24 RScmwWM - WCDMA Measurement (3.7.100)

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.100	03/2018	* Update for firmware version 3.7.10 * New: - rscmwwm_ConfigureTPCPowerStepExceptionalLimit * Updated: - rscmwwm_ConfigureMEvalMeasSetupSegment - changed Frequency default value
3.5.500	03/2017	* Update for firmware version 3.5.50 * Added features: - Out-Of-Sync Handling Measurement subsystem * New: - rscmwwm_ConfigureErrorChecking
3.5.400	10/2016	* Update for firmware version 3.5.400 * New: - rscmwwm_IDQueryResponse - rscmwwm_QueryOPC - rscmwwm_ProcessAllPreviousCommands - rscmwwm_ClearStatus - rscmwwm_ReadToFileFromInstrument - rscmwwm_WriteFromFileToInstrument - rscmwwm_SetVISATimeout - rscmwwm_GetVISATimeout * Updated: - *CLS and *WAI commands removed from all the attributes that are synchronised with OPC - rscmwwm_CheckStatus - rscmwwm_WaitForOPCCallback
3.5.200	10/2015	* Update for firmware version 3.5.200 * Added functions - rscmwwm_ConfigureUEChannelBetaSpreadingFactorSelection RSCMWWM_ATTR_UE_CHANNEL_BETA_SPREADING_FACTOR - rscmwwm_ConfigureDPCCHOLPMeasurementTimeout RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TIMEOUT - rscmwwm_ConfigureDPCCHOLPMeasurementControl RSCMWWM_ATTR_DPCCH_OLP_MEASURE_ON_EXCEPTION - rscmwwm_ConfigureDPCCHOLPMeasurementTrigger RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_SOURCE RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_TIMEOUT RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_THRESHOLD RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_SLOPE RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_DELAY RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_MINIMUM_GAP - rscmwwm_ConfigureDPCCHOLPMeasurementTriggerTimeoutState RSCMWWM_ATTR_DPCCH_OLP_MEASUREMENT_TRIGGER_TIMEOUT_ENABLE - rscmwwm_QueryDPCCHOLPMeasurementTriggerSourceCatalog - rscmwwm_DPCCHOLPMeasurementInit RSCMWWM_ATTR_DPCCHOLP_MEASUREMENT_INIT - rscmwwm_DPCCHOLPMeasurementAbort RSCMWWM_ATTR_DPCCHOLP_MEASUREMENT_ABORT

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwwm_DPCCHOLPMeasurementStop RSCMWWM_ATTR_DPCCHOLP_MEASUREMENT_STOP - rscmwwm_QueryDPCCHOLPMeasurementStatus - rscmwwm_ReadDPCCHOLPUEPowerRampUp - rscmwwm_FetchDPCCHOLPUEPowerRampUp - rscmwwm_ReadDPCCHOLPResults - rscmwwm_FetchDPCCHOLPResults - rscmwwm_QueryDPCCHOLPLimitCheckResults * Modified: - rscmwwm_ConfigureUESignal RSCMWWM_ATTR_UE_SIGNAL_UPLINK_SIGNAL_CONFIGURATION
3.5.100	03/2015	* Update for firmware version 3.5.100 * Help improvements * Modified: - rscmwwm Configure Analyzer Stand Alone Scenario.vi - rscmwwm Query Analyzer Routing Settings.vi
3.2.800	12/2014	* Update for firmware version 3.2.800 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Added functions/attributes: - rscmwwm_ConfigureTPCDHIB - rscmwwm_ReadTPCDHIB - rscmwwm_FetchTPCDHIB - rscmwwm_QueryTPCDHIBLimitCheckResults - rscmwwm_ReadTPCDHIBStatistics - rscmwwm_FetchTPCDHIBStatistics
3.2.700	04/2014	* Update for firmware version 3.2.700 * Added functions/attributes: - rscmwwm_ConfigureDualCarrierSeparation - rscmwwm_SelectMEvalUplinkCarrier - rscmwwm_FetchMEvalMeasListModePhaseDiscontinuity - rscmwwm_FetchMEvalMeasListModeUEPower - rscmwwm_QueryTPCULCompressedModeMeasurementLength - rscmwwm_ConfigureTPCULCompressedModeAutoExecute - rscmwwm_ReadTPCUEPowerResultsAllCarriers - rscmwwm_FetchTPCUEPowerResultsAllCarriers - rscmwwm_ReadTPCUEPowerStatisticsAllCarriers - rscmwwm_FetchTPCUEPowerStatisticsAllCarriers - rscmwwm_ReadTPCUEPowerTraceAllCarriers - rscmwwm_FetchTPCUEPowerTraceAllCarriers - rscmwwm_QueryTPCUEPowerTraceLimitCheckResults - rscmwwm_QueryTPCPowerStepsTraceLimitCheckResults * Modified: - rscmwwm_ConfigureAnalyzer - rscmwwm_ConfigureAnalyzerChannel - rscmwwm_ConfigureUESignal - rscmwwm_ConfigureUEChannelDPCCH - rscmwwm_ConfigureUEChannelDPDCH - rscmwwm_ConfigureUEChannelHSDPCCH - rscmwwm_ConfigureUEChannelEDPCCH - rscmwwm_ConfigureUEChannelEDPDCH - rscmwwm_ConfigureMEvalLimitsDPCCH

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwwm_ConfigureMEvalLimitsDPDCH - rscmwwm_ConfigureMEvalLimitsHSDPCCH - rscmwwm_ConfigureMEvalLimitsEDPCCH - rscmwwm_ConfigureMEvalLimitsEDPDCH - rscmwwm_ConfigureMEvalLimitsHSDPCCHPowerStep - rscmwwm_ReadMEvalMeasEVMTrace - rscmwwm_FetchMEvalMeasEVMTrace - rscmwwm_ReadMEvalMeasEVMStandardDeviationTrace - rscmwwm_FetchMEvalMeasEVMStandardDeviationTrace - rscmwwm_ReadMEvalMeasMagnErrTrace - rscmwwm_FetchMEvalMeasMagnErrTrace - rscmwwm_ReadMEvalMeasMagnErrStandardDeviationTrace - rscmwwm_FetchMEvalMeasMagnErrStandardDeviationTrace - rscmwwm_ReadMEvalMeasPhaseErrTrace - rscmwwm_FetchMEvalMeasPhaseErrTrace - rscmwwm_ReadMEvalMeasPhaseErrStandardDeviationTrace - rscmwwm_FetchMEvalMeasPhaseErrStandardDeviationTrace - rscmwwm_ReadMEvalMeasFrequencyErrorTrace - rscmwwm_FetchMEvalMeasFrequencyErrorTrace - rscmwwm_ReadMEvalMeasFrequencyErrorStandardDeviationTrace - rscmwwm_FetchMEvalMeasFrequencyErrorStandardDeviationTrace - rscmwwm_ReadMEvalMeasUEPowerTrace - rscmwwm_FetchMEvalMeasUEPowerTrace - rscmwwm_ReadMEvalMeasUEPowerStandardDeviationTrace - rscmwwm_FetchMEvalMeasUEPowerStandardDeviationTrace - rscmwwm_ReadMEvalMeasUEPowerStepTrace - rscmwwm_FetchMEvalMeasUEPowerStepTrace - rscmwwm_ReadMEvalMeasUEPowerStepStandardDeviationTrace - rscmwwm_FetchMEvalMeasUEPowerStepStandardDeviationTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotTrace - rscmwwm_FetchMEvalMeasCodeDomainSlotTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotStandardDeviationTrace - rscmwwm_FetchMEvalMeasCodeDomainSlotStandardDeviationTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotSFTrace - rscmwwm_FetchMEvalMeasCodeDomainSlotSFTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotEDPDCHTrace - rscmwwm_FetchMEvalMeasCodeDomainSlotEDPDCHTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotEDPDCHStandardDeviationTrace - rscmwwm_FetchMEvalMeasCodeDomainSlotEDPDCHStandardDeviationTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotEDPDCHSFTrace - rscmwwm_FetchMEvalMeasCodeDomainSlotEDPDCHSFTrace - rscmwwm_ReadMEvalMeasCodeDomainSlotResults - rscmwwm_FetchMEvalMeasCodeDomainSlotResults - rscmwwm_QueryMEvalCodeDomainSlotLimitCheckResults - rscmwwm_ReadMEvalMeasCodeDomainSlotStandardDeviation - rscmwwm_FetchMEvalMeasCodeDomainSlotStandardDeviation - rscmwwm_ReadMEvalMeasCodeSlotOverallChanInfo - rscmwwm_FetchMEvalMeasCodeSlotOverallChanInfo - rscmwwm_ReadMEvalMeasModulationResults - rscmwwm_FetchMEvalMeasModulationResults - rscmwwm_QueryMEvalMeasModulationLimitCheckResults - rscmwwm_ReadMEvalMeasModulationStandardDeviation - rscmwwm_FetchMEvalMeasModulationStandardDeviation

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwwm_QueryTPCMeasurementMode - rscmwwm_ReadTPCUEPowerResults - rscmwwm_FetchTPCUEPowerResults - rscmwwm_QueryTPCUEPowerLimitCheckResults - rscmwwm_ReadTPCUEPowerStatistics - rscmwwm_FetchTPCUEPowerStatistics - rscmwwm_ReadTPCUEPowerTrace - rscmwwm_FetchTPCUEPowerTrace - rscmwwm_ReadTPCPowerStepsResults - rscmwwm_FetchTPCPowerStepsResults - rscmwwm_QueryTPCPowerStepsLimitCheckResults - rscmwwm_ReadTPCPowerStepsStatistics - rscmwwm_FetchTPCPowerStepsStatistics - rscmwwm_ReadTPCPowerStepsTrace - rscmwwm_FetchTPCPowerStepsTrace - rscmwwm_ConfigurePRACHMeasurementScramblingCode
3.2.100	08/2013	* Update for firmware version 3.2.100 * Modified: - rscmwwm_ConfigureAnalyzerStandAloneScenario - RX3, RX4 - rscmwwm_QueryAnalyzerRoutingSettings - RX3, RX4 - rscmwwm_ConfigureUESignal - Uplink Signal Configuration - HDUP,DCHS,DDUP - rscmwwm_ConfigureMEvalMeasSetupSegment - Segment 1 - 1000 - rscmwwm_ConfigureMEvalMeasSegmentModulation - Segment 1 - 1000 - rscmwwm_ConfigureMEvalMeasSegmentSpectrum - Segment 1 - 1000 - rscmwwm_ConfigureMEvalMeasSegmentCDP - Segment 1 - 1000 - rscmwwm_ConfigureMEvalMeasSegmentUEPower - Segment 1 - 1000 - rscmwwm_FetchMEvalMeasListModeCodeDomainPower - Segment 1 - 1000 - rscmwwm_FetchMEvalMeasListModeCodeDomainPowerStandardDeviation - Segment 1 - 1000 - rscmwwm_FetchMEvalMeasListModeSpectrum - Segment 1 - 1000 - rscmwwm_FetchMEvalMeasListModeModulation - Segment 1 - 1000 - rscmwwm_FetchMEvalMeasListModeModulationStandardDeviation - Segment 1 - 1000 - rscmwwm_FetchMEvalMeasListModePeakCodeDomainError - Segment 1 - 1000 - rscmwwm_QueryTPCMeasurementMode - MPDECH, CFTC added - rscmwwm_ConfigureTPCMeasurementSetup - MPDECH, CFTC added - rscmwwm_ReadTPCPowerStepsResults - More results - rscmwwm_FetchTPCPowerStepsResults - More results - rscmwwm_QueryTPCPowerStepsLimitCheckResults - More results - rscmwwm_ReadTPCPowerStepsStatistics - More results - rscmwwm_FetchTPCPowerStepsStatistics - More results * Added: - rscmwwm_ConfigureUEChannelDPCCH - rscmwwm_ConfigureUEChannelDPDCH - rscmwwm_ConfigureUEChannelHSDPCCH - rscmwwm_ConfigureUEChannelEDPCCH - rscmwwm_ConfigureUEChannelEDPDCH - rscmwwm_ConfigureMEvalMeasSegmentPHD - rscmwwm_ConfigureTPCMeasurementSetup - rscmwwm_ConfigurePRACHMeasModulationRotation
3.0.200	04/2013	* Update for firmware version 3.0.20 * Added features: - PRACH Measurement subsystem

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		* Added: - rscmwwm_FetchMEvalMeasPhaseSlotDiscontinuity - rscmwwm_FetchMEvalMeasListModeAllReliabilityResults - rscmwwm_ConfigureTPCEDCHMeasurementLength - rscmwwm_ConfigureTPCTFCNumberOfSteps - rscmwwm_QueryTPCChangeOfTFC - rscmwwm_ConfigureTPCMaximumPowerEDCHLimits - rscmwwm_ConfigureTPCChangeOfTFCLimits - rscmwwm_QueryTPCUEPowerLimitCheckResults - rscmwwm_QueryTPCPowerStepsLimitCheckResults * Modified: - rscmwwm_ReadMEvalMeasSpectrumTrace - result array - rscmwwm_FetchMEvalMeasSpectrumTrace - result array - rscmwwm_QueryMEvalMeasSpectrumTraceErrorCodesLimitCheckResults - result array - rscmwwm_ReadTPCPowerStepsResults - ranges - rscmwwm_FetchTPCPowerStepsResults - ranges
3.0.120	06/2012	* Update for firmware version 3.0.10 * Added features: - Added functions for reading all list mode segments result of individual measurement * Added - rscmwwm_ConfigureAnalyzerMeasureProtocolScenarioApplication - rscmwwm_ConfigureTPCMeasurementTriggerTimeoutState - rscmwwm_ConfigureMultiEvalMeasurementTriggerTimeoutState * Modified: - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT - added support for reading value of disabled timeout (returns 0) - RSCMWWM_ATTR_TPC_MEASUREMENT_TRIGGER_TIMEOUT - added support for reading value of disabled timeout (returns 0)
2.1.200	08/2011	Release for CMW firmware version 2.1.20.x * Added features: - TPC Measurement subsystem * Modified - rscmwwm Configure MEval Limits HSDPCCH - Added attribute - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_HSDPCCH_TYPE
2.1.100	07/2011	Release for CMW firmware version 2.1.10.16 * Modified - rscmwwm_ConfigureMEvalMeasSetupSegment - Restriger added, Enhanced for inactive segments - rscmwwm_ConfigureMEvalMeasModulationCDP - slot number data type changed to ViReal64 to allow half slots * Added - rscmwwm_ConfigureMEvalMeasListModeOffset - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_MODE_OFFSET - rscmwwm_ConfigureMEvalMeasListModeTrigger - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_LIST_MODE_TRIGGER - rscmwwm_ConfigureMEvalMeasSegmentUEPower - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_SEGMENT_UE_POWER * Removed - rscmwwm_QueryAnalyzeCombinedSignalPathScenarioCatalog
2.0.110	04/2011	Release for CMW firmware version 2.0.11.xx * Modified

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- rscmwwm_ConfigureAnalyzerStandAloneScenario - command changed * Added - rscmwwm_QueryAnalyzerRoutingSettings - rscmwwm_ConfigureMultiEvalMeasurementTimeout
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwwm_FetchMEvalSpectrumEmissionTraces - rscmwwm_ReadMEvalSpectrumEmissionTraces - rscmwwm_MEvalMeasSpectrumTraceErrorCodes - rscmwwm_FetchMEvalSpectrumResults - rscmwwm_FetchMEvalSpectrumSingleResult - rscmwwm_FetchMEvalSpectrumEmission30kHzResult - rscmwwm_FetchMEvalSpectrumEmission1MHzResult - rscmwwm_QueryMEvalMeasModulationHighSpeedPhaseDiscontinuityLimitCheckResults - rscmwwm_QueryMEvalMeasModulationLimitCheckResults - rscmwwm_QueryMEvalMeasModulationPhaseDiscontinuityLimitCheckResults - rscmwwm_QueryMEvalMeasSpectrumTraceErrorCodesLimitCheckResults - rscmwwm_ConfigureCalculationUEPowerResult - rscmwwm_FetchMEvalIQConstellationResults - rscmwwm_ReadMEvalIQConstellationResults - rscmwwm_ConfigureMEvalSynchronizationSlot - rscmwwm_ConfigureMEvalRoutingScenario - rscmwwm_FetchMEvalUESlotPower Modified functions/attributes - rscmwwm_ConfigureMEvalMeasResults - rscmwwm_ConfigureMEvalMeasResultsAll - rscmwwm_ConfigureMEvalLimitsEVM - rscmwwm_ConfigureMEvalLimitsMagnitudeError - rscmwwm_ConfigureMEvalLimitsPhaseError - rscmwwm_ConfigureMEvalLimitsIQOffset - rscmwwm_ConfigureMEvalLimitsIQImbalance - rscmwwm_FetchMEvalMeasListModeAllCodeDomainPower - rscmwwm_ConfigureMEvalMeasParameters - rscmwwm_ConfigureMEvalMeasTrigger - rscmwwm_QueryMEvalMeasTriggerSourceCatalog
1.0.50	12/2008	Release for CMW firmware version 1.0.53 - Added features: - List Mode - Modified functions/attributes: - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_THRESHOLD - changed command - rscmwwm_ConfigureMEvalMeasTrigger - added Minimum Gap argument
1.0.42	09/2008	Release for CMW firmware version 1.0.4 Modified: - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup

rscmwwm driver for WCDMA Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
		- Fixed rscmwwm_RsClose function - Modified rcmwwm_atof, rscmwwm_atol
1.0.41	08/2008	Release for CMW firmware version 1.0.4 Modified: WCDMA generator moved to standalone driver rscmwwg Modified functions/attributes: - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - complete redesign - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SLOPE - changed command - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_THRESHOLD - changed command - RSCMWWM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_TIMEOUT - changed command - rscmwwm_ConfigureMEvalMeasTrigger - redesign, see above New functions/attributes: - RSCMWWM_ATTR_ANALYZER_BAND_CLASS - RSCMWWM_ATTR_ANALYZER_CHANNEL - rscmwwm_ConfigureAnalyzerChannel - rscmwwm_QueryMEvalMeasTriggerSourceCatalog
1.0.30	05/2008	Release for CMW firmware version 1.0.3 Modified: - Firmware 1.0.3.6 features implementation and debug
1.0.2	02/2008	Release for CMW firmware version 1.0.2 Initial revision

25 RScmwWG - WCDMA Generator (3.2.101)

rscmwwg driver for WCDMA Generator		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW280		
Revision	Date	Note
3.2.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.2.100	08/2013	* Update for firmware version 3.2.100 * Modified functions/attributes: - rscmwwg_ConfigureStandAloneScenario - TX2, TX3 - rscmwwg_QueryGeneratorSignalRouting - TX2, TX3
2.1.100	12/2011	Release for CMW firmware version 2.1.10.0 * Added functions/attributes - rscmwwg_ConfigureGeneratorTPCSegmentationState - rscmwwg_ConfigureGeneratorTPCPatternLength * Modified functions/attributes: - rscmwwg_ConfigureGeneratorSignalRouting - Connector control, command and attribute are canceled and the function is modified to: - rscmwwg_ConfigureGeneratorSignalExternalAttenuation
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Added functions/attributes - rscmwwg_ConfigureChannelLevelCodeNumbersR99HSPA - rscmwwg_ConfigureChannelLevelCodeNumbersR99 - rscmwwg_ConfigureChannelizationCodeNumbersR99HSPA - rscmwwg_ConfigureChannelizationCodeNumbersR99 - rscmwwg_QueryGeneratorChannelizationCode - rscmwwg_QueryGeneratorTPCState - rscmwwg_QueryGeneratorTransmittingTypeCell
1.0.41	09/2008	Release for CMW firmware version 1.0.4 - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwwg_RsClose function - Modified rcmwwg_atof, rscmwwg_atol
1.0.40	08/2008	Release for CMW firmware version 1.0.4 Initial revision

26 RScmwWS - WCDMA Signaling (3.7.220)

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.220	06/2019	* Update for firmware 3.7.22 * New core 3.5.0 * New functions/attributes: - RSCMWWS_ATTR_CONNECTION_CS_CALL_RELEASE - RSCMWWS_ATTR_NETWORK_REJECT_CM_SERVICE_REQUEST_CAUSE - RSCMWWS_ATTR_NETWORK_REJECT_CM_SERVICE_REQUEST_TYPE - RSCMWWS_ATTR_NETWORK_UI_IDENTITY_IMSI_FILTER - RSCMWWS_ATTR_QUERY_CONNECTION_ATTEMPTS - RSCMWWS_ATTR_QUERY_CONNECTION_REJECTS - RSCMWWS_ATTR_RESET_CONNECTION_ATTEMPTS - RSCMWWS_ATTR_RESET_CONNECTION_REJECTS - RSCMWWS_ATTR_SMS_OUTGOING_ENABLE_USER_DATA_HEADER - RSCMWWS_ATTR_SMS_OUTGOING_USER_DATA_HEADER - rscmwws_GetAttributeViInt64 - rscmwws_SetAttributeViInt64 - rscmwws_CheckAttributeViInt64 - rscmwws_QueryConnectionCounters - rscmwws_ResetConnectionCounters - rscmwws_ConfigureCMServiceRequestRejection - rscmwws_ConfigureSMSOutgoingUserDataHeader - rscmwws_ConfigureUEIMSIFilter - rscmwws_ConfigureCSCallRelease - rscmwws_ConfigureAutoSystemErrQuery - rscmwws_ConfigureMultiThreadLocking - rscmwws_GetAttributeRepCapName * Updated functions/attributes: - RSCMWWS_ATTR_NETWORK_SYNC_ZONE: Default value corrected - rscmwws_QueryUECapabilityDownlink: 21 values returned - rscmwws_QueryUECapabilityUplink: 18 values returned - rscmwws_QueryUECapabilityRadioAccessTechnology: 21 values returned - rscmwws_QueryUECapabilityGeneral: 26 values returned - rscmwws_QueryUECapabilityHSDPA: 17 values returned - rscmwws_QueryUECapabilityAdditionalMeasurementParameters: 14 values returned - rscmwws_QuerySMSOutgoingMessageFileInfo: Teleservice identifier now reserved for future use - rscmwws_QuerySMSIncomingMessageFileInfo: Teleservice identifier now reserved for future use
3.7.100	01/2018	- rscmwws_ConfigureRFSignalDualCarrierFlexibleScenario - rscmwws_ConfigureRFSignalDualCarrierFadingInternalScenario - rscmwws_ConfigureRFSignalDualCarrierFadingExternalScenario - rscmwws_ConfigureRFSignalDualCarrierRXDiversityFadingInternalScenario - rscmwws_ConfigureRFSignalDualCarrierRXDiversityFadingExternalScenario - rscmwws_ConfigureRFSignalDualCarrierHSPAScenarioFlexible - rscmwws_ConfigureRFSignal3CHSPAScenarioFlexible - rscmwws_ConfigureRFSignalDualBandFadingInternalScenario - rscmwws_ConfigureRFSignalDualBandFadingExternalScenario - rscmwws_ConfigureRFSignalDualBandRXDiversityFadingInternalScenario - rscmwws_ConfigureRFSignalDualBandRXDiversityFadingExternalScenario - rscmwws_ConfigureRFSignalStandardCellScenario - rscmwws_ConfigureRFSignalStandardCellFadingInternalScenario - rscmwws_ConfigureRFSignalStandardCellFadingExternalScenario - rscmwws_ConfigureRFSignalStandardCellRXDiversityFadingInternalScenario

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureRFSignalStandardCellRXDiversityFadingExternalScenario - rscmwws_QueryUECapabilityCMWVoiceInfo - rscmwws_QueryUECapabilityIMSVoice - rscmwws_QueryUECapabilityAdditionalMeasurementParameters - rscmwws_QueryUECapabilityRFBand - rscmwws_QueryUECapabilityRFBandNonContigMultiCell - rscmwws_QueryUECapabilityRFBandCombination - rscmwws_QueryUECapabilityRFBandCombinationList * Updated: - rscmwws_ConfigureSMSOutgoingMessageSettings - added values for Data Coding and Coding Group - rscmwws_QueryUECapabilityGeneral - updated Results parameter - rscmwws_QueryUECapabilityHSDPA - updated Results parameter - rscmwws_QueryUECapabilityHSUPA - updated Results parameter - rscmwws_QueryUECapabilityRadioAccessTechnology - updated Radio Access Technology parameter - rscmwws_ConfigureRFSignalBandDefinition - range fixed at UL/DL Separation parameter
3.5.500	03/2017	* Update for firmware 3.5.500 * New: - rscmwws_ConfigureGmmRoutingAreaUpdateRejectCause - rscmwws_ConfigureRequestedUEDataRadioCapabilityUpdateRequirement - rscmwws_ConfigureLocalTimeZoneOffset - rscmwws_ConfigurePacketDataROHC - rscmwws_ConfigureRFSignalBandDefinition - rscmwws_QueryRFSignalBandDefinitionCalculatedValues - rscmwws_ReadHSDPASubframeCodeTrace - rscmwws_FetchHSDPASubframeCodeTrace - rscmwws_ReadHSDPASubframeModulationTrace - rscmwws_FetchHSDPASubframeModulationTrace - rscmwws_ReadHSDPASubframeTransportBlockSizeTrace - rscmwws_FetchHSDPASubframeTransportBlockSizeTrace - rscmwws_QueryRFSignalRoutingExtended - rscmwws_QueryERGCHETFCITableAuto - rscmwws_ConfigureERGCHMeasurementTimeout - rscmwws_ConfigureEAGCHMeasurementControl - rscmwws_ConfigureEAGCHMeasurementTimeout - rscmwws_ConfigureEAGCHMeasurementLimit - rscmwws_ConfigureEAGCHETFCIMeasurement - rscmwws_ConfigureEAGCHETFCITableManual - rscmwws_QueryEAGCHETFCITableAuto - rscmwws_EAGCHMeasurementInit - rscmwws_EAGCHMeasurementAbort - rscmwws_EAGCHMeasurementStop - rscmwws_QueryEAGCHMeasurementStatus - rscmwws_ReadEAGCHResults - rscmwws_FetchEAGCHResults - rscmwws_ReadEAGCHTrace - rscmwws_FetchEAGCHTrace - rscmwws_FetchHCQIResultState - rscmwws_ConfigureBandIndicator - rscmwws_QueryConnectionSetup - rscmwws_ConfigureErrorChecking - rscmwws_WriteCommandWithOPCSync

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
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Revision	Date	Note
		- rscmwws_QueryWithOPCSync * Updated: - rscmwws_ConfigureRFSignalFrequency - added new value to 'Band' parameter - rscmwws_ConfigureRFSignalCenterFrequency - added new value to 'Band' parameter - rscmwws_ConfigureNetworkTimers - range changed at 'Out Of Synch' parameter - rscmwws_ConfigurePacketDataInactivityCELLDCHNetwork - range reduced at 'Network Inactivity Timer' parameter - rscmwws_ConfigurePacketDataInactivityCELLFACHNetwork - range reduced at 'Network Inactivity Timer' parameter - rscmwws_ConfigurePacketDataInactivityCELLPCHNetwork - range reduced at 'Network Inactivity Timer' parameter - rscmwws_ConfigurePacketDataInactivityURAPCHNetwork - range reduced at 'Network Inactivity Timer' parameter - rscmwws_ConfigureLTENeighborCell - added new values to 'Band' parameter - rscmwws_ConfigureLTENeighborCellMeasurement - added new values to 'Band' parameter - rscmwws_ConfigureWCDMAFDDNeighborCell - added new values to 'Band' parameter - rscmwws_ConfigureWCDMAFDDNeighborCellMeasurement - added new values to 'Band' parameter - rscmwws_ConfigureWCDMAWizard - added new value to 'WCDMA Wizard' parameter - rscmwws_ConfigureExternalHandoverLTE - added new values to 'Band' parameter - rscmwws_ConfigureExternalHandoverWCDMA - added new value to 'Band' parameter - rscmwws_QueryRFSignalRouting - added new values to 'RX Connector', 'RX Converter', 'TX Connector', 'TX Converter', 'TX 2 Connector', 'TX 2 Converter', 'RF IQ Connector 1', 'RF IQ Connector 2' parameters - rscmwws_ConfigureRFSignalDualCarrierInternalFadingScenarioFader - added new values to 'Fader' parameter - rscmwws_ConfigureRFSignalDualCarrierInternalRXDiversityFadingScenarioFader - added new values to 'Fader' parameter - rscmwws_ConfigureRFSignalRoutingInternalFadingScenarioFader - added new values to 'Fader' parameter - rscmwws_ConfigureRFSignalRoutingInternalRXDiversityFadingScenarioFader - added new values to 'Fader' parameter - rscmwws_ConfigureHSPASettings - added new values to 'Direction' parameter - rscmwws_ConfigureFadingSimulatorCarrier - added new values to 'Profile' parameter - rscmwws_ConfigureFRCHSet - added new values to 'Configuration Type' parameter - rscmwws_ConfigureHSUPASettings - added new value to 'MC Code' parameter - rscmwws_ConfigurePhysicalUplinkTXPowerControl - added new value to 'Active TPC Setup' parameter - rscmwws_QueryPhysicalUplinkTXPowerControlSetup - added new value to 'Active TPC Setup' parameter, values corrected to match rscmwws_ConfigurePhysicalUplinkTXPowerControl - rscmwws_QueryPhysicalUplinkTXPowerControlCondition - added new values to 'TPC Condition' parameter - rscmwws_QueryCircuitSwitchedState - added new values to 'Connection State' parameter * New attributes: - RSCMWWS_ATTR_BAND_DEFINITION_UPLINK_DOWNLINK_SEPARATION (Band Definition Uplink Downlink Separation) - RSCMWWS_ATTR_BAND_DEFINITION_DL_CHANNEL_MINIMUM (Band Definition DL Channel Minimum) - RSCMWWS_ATTR_BAND_DEFINITION_DL_CHANNEL_MAXIMUM (Band Definition DL Channel Maximum) - RSCMWWS_ATTR_BAND_DEFINITION_DL_FREQUENCY_MINIMUM (Band Definition DL Frequency Minimum)

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- RSCMWWS_ATTR_BAND_DEFINITION_DL_FREQUENCY_MAXIMUM (Band Definition DL Frequency Maximum) - RSCMWWS_ATTR_BAND_DEFINITION_UL_CHANNEL_MINIMUM (Band Definition UL Channel Minimum) - RSCMWWS_ATTR_BAND_DEFINITION_UL_CHANNEL_MAXIMUM (Band Definition UL Channel Maximum) - RSCMWWS_ATTR_BAND_DEFINITION_UL_FREQUENCY_MINIMUM (Band Definition UL Frequency Minimum) - RSCMWWS_ATTR_BAND_DEFINITION_UL_FREQUENCY_MAXIMUM (Band Definition UL Frequency Maximum) - RSCMWWS_ATTR_QUERY_CONNECTION_SETUP (Query Connection Setup) - RSCMWWS_ATTR_PACKET_DATA_ROHC_ENABLE_HEADER_COMPRESSION (Packet Data ROHC Enable Header Compression) - RSCMWWS_ATTR_NETWORK_IDENTITY_MNC (Network Identity MNC) - RSCMWWS_ATTR_NETWORK_IDENTITY_MNC_DIGITS (Network Identity MNC Digits) - RSCMWWS_ATTR_NETWORK_IDENTITY_BAND_INDICATOR (Network Identity Band Indicator) - RSCMWWS_ATTR_NETWORK_REQUEST_UE_DATA_RADIO_CAPABILITY_UPDATE_REQUIREMENT (Network Request UE Data Radio Capability Update Requirement) - RSCMWWS_ATTR_NETWORK_REJECT_CAUSE_GMM_ROUTING_AREA_UPDATE (Network Reject Cause Gmm Routing Area Update) - RSCMWWS_ATTR_NETWORK_LOCAL_TIME_ZONE_OFFSET (Network Local Time Zone Offset) - RSCMWWS_ATTR_HCQI_RESULT_STATE (HCQI Result State) - RSCMWWS_ATTR_EAGCH_REPETITION (EAGCH Repetition) - RSCMWWS_ATTR_EAGCH_MEASURE_FRAMES (EAGCH Measure Frames) - RSCMWWS_ATTR_EAGCH_MEASUREMENT_TYPE (EAGCH Measurement Type) - RSCMWWS_ATTR_EAGCH_ETFCI_MODE (EAGCH E-TFCI Mode) - RSCMWWS_ATTR_EAGCH_TIMEOUT (EAGCH Timeout) - RSCMWWS_ATTR_EAGCH_MISSED_DETECTION_PROBABILITY (EAGCH Missed Detection Probability) - RSCMWWS_ATTR_EAGCH_INIT (EAGCH Init) - RSCMWWS_ATTR_EAGCH_ABORT (EAGCH Abort) - RSCMWWS_ATTR_EAGCH_STOP (EAGCH Stop) - RSCMWWS_ATTR_ERGCH_TIMEOUT (ERGCH Timeout)
3.5.400	10/2016	* Update for firmware 3.5.40 * New: - rscmwws_ClearEventLog RSCMWWS_ATTR_CLEAN_EVENT_LOG - rscmwws_QueryEventLogLastEntry - rscmwws_ConfigureIncomingIRATHOMobility RSCMWWS_ATTR_IRAT_HO_MOBILITY_HANDOVER RSCMWWS_ATTR_IRAT_HO_MOBILITY_MT_CS_FALLBACK - rscmwws_ConfigureExternalHandoverDestination RSCMWWS_ATTR_HANDOVER_EXTERNAL_DESTINATION - rscmwws_ConfigurePhysicalUplinkGainFactorsEDPDCHPowerFormula RSCMWWS_ATTR_GAIN_FACTORS_HSUPA_EDPDCH_POWER_FORMULA - rscmwws_ConfigureVoiceConnectionTFCI RSCMWWS_ATTR_CONNECTION_VOICE_TFCI_ENABLED - rscmwws_ConfigureRMCDomain RSCMWWS_ATTR_CONNECTION_RMC_DOMAIN - rscmwws_ConfigureRMCBTFDDLDTCHTransportFormat RSCMWWS_ATTR_CONNECTION_RMC_BTFD_DATA_RATE - rscmwws_ConfigurePacketDataInactivitySettingsNetwork

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
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		RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_ENABLED - rscmwws_ConfigurePacketDataInactivityCELLDCHNetwork RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_TIMER_CELL_DCH RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_DESTINATION_STATE_CELL_DCH - rscmwws_ConfigurePacketDataInactivityCELLDCHUEFastDormancy RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_UE_FAST_DORMANCY_ENABLED RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_UE_FAST_DORMANCY_T323 RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_UE_FAST_DORMANCY_DESTINATION_STATE - rscmwws_ConfigurePacketDataInactivityCELLFACHNetwork RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_TIMER_CELL_FACH RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_DESTINATION_STATE_CELL_FACH - rscmwws_ConfigurePacketDataInactivityCELLPCHNetwork RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_TIMER_CELL_PCH - rscmwws_ConfigurePacketDataInactivityURAPCHNetwork RSCMWWS_ATTR_PACKET_DATA_INACTIVITY_NETWORK_TIMER_URA_PCH - rscmwws_ConfigureMaxReleaseVersion RSCMWWS_ATTR_NETWORK_MAX_RELEASE_VERSION - rscmwws_ConfigureNetworkMOCAlertingTimeout RSCMWWS_ATTR_NETWORK_MOC_ALERTING_TIMEOUT - rscmwws_ConfigureRRCRejectCauses RSCMWWS_ATTR_NETWORK_REJECT_CAUSE_RRC_CONNECTION_REQUEST - rscmwws_ConfigureGSMNeighborCellBSIC - rscmwws_QueryUEInfoRRCProtocolState RSCMWWS_ATTR_QUERY_UE_INFO_RRC - rscmwws_ConfigureSMSOutgoingMessageSource RSCMWWS_ATTR_SMS_OUTGOING_MESSAGE_SOURCE - rscmwws_ConfigureSMSOutgoingMessageFile RSCMWWS_ATTR_SMS_OUTGOING_MESSAGE_FILE - rscmwws_QuerySMSOutgoingMessageFileInfo - rscmwws_ConfigureSMSIncomingMessageFile RSCMWWS_ATTR_SMS_INCOMING_MESSAGE_FILE - rscmwws_QuerySMSIncomingMessageFileInfo - rscmwws_QueryLastSMSSentStatus RSCMWWS_ATTR_LAST_SMS_SENT - rscmwws_ConfigureCBSMessageSource RSCMWWS_ATTR_CBS_MESSAGE_SOURCE - rscmwws_ConfigureCBSMessageLanguage RSCMWWS_ATTR_CBS_MESSAGE_LANGUAGE - rscmwws_ConfigureCBSMessageCodingGroup RSCMWWS_ATTR_CBS_MESSAGE_CODING_GROUP - rscmwws_ConfigureCBSMessageETWS RSCMWWS_ATTR_CBS_MESSAGE_ETWS_ENABLED RSCMWWS_ATTR_CBS_MESSAGE_ETWS_POPUP_ENABLED - rscmwws_ConfigureCBSMessageFile RSCMWWS_ATTR_CBS_MESSAGE_FILE - rscmwws_QueryCBSMessageFileInfo - rscmwws_ConfigureHSDPAMeasurementAverageMode RSCMWWS_ATTR_HSDPA_MEASUREMENT_AVERAGE_MODE - rscmwws_ConfigureEHICHMeasurementAverageMode RSCMWWS_ATTR_EHICH_MEASUREMENT_AVERAGE_MODE - rscmwws_ConfigureExternalHandoverCDMA - rscmwws_ConfigureExternalHandoverEVDO

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureExternalHandoverGSM - rscmwws_ConfigureExternalHandoverLTE - rscmwws_ConfigureExternalHandoverWCDMA - rscmwws_ConfigurePhysicalDownlinkChannelTableDPCHRXLevelStrategy RSCMWWS_ATTR_PHYSICAL_DOWNLINK_CHANNEL_TABLE_DPCH_RX_LEVEL_STRATEGY - rscmwws_ConfigurePhysicalDownlinkChannelTableDPCHSequence - rscmwws_ActivatePhysicalDownlinkChannelTableDPCHSequence RSCMWWS_ATTR_PHYSICAL_DOWNLINK_CHANNEL_TABLE_DPCH_LEVEL_SEQUENCE_INIT - rscmwws_QueryPhysicalDownlinkChannelTableDPCHSequenceState RSCMWWS_ATTR_PHYSICAL_DOWNLINK_CHANNEL_TABLE_DPCH_LEVEL_SEQUENCE_STATE - rscmwws_QueryUEMeasurementReportCarrierUTRAFDD - rscmwws_IDQueryResponse - rscmwws_QueryOPC - rscmwws_ProcessAllPreviousCommands - rscmwws_ClearStatus - rscmwws_SetVISATimeout - rscmwws_SetVISATimeout - rscmwws_SetFastSweepMode * Updated: - rscmwws_ConfigureRFSignalFrequency RSCMWWS_ATTR_OPERATING_BAND - rscmwws_ConfigureRFSignalFrequencyDBDCHSDPA - rscmwws_ConfigureHandoverMode RSCMWWS_ATTR_HANDOVER_MODE - rscmwws_ConfigureVoiceConnectionSettings RSCMWWS_ATTR_CONNECTION_WB_AMR - rscmwws_ConfigureTestMode RSCMWWS_ATTR_CONNECTION_TEST_MODE_TYPE - rscmwws_ConfigureNetworkIdentity RSCMWWS_ATTR_NETWORK_IDENTITY_LOCATION_AREA_CODE - rscmwws_QueryEventLog - rscmwws_QueryUECapabilityMeasurementRelatedGSMCompressedMode - rscmwws_QueryUECapabilityMeasurementRelatedLTECompressedMode - rscmwws_QueryUECapabilityMeasurementRelatedWCDMACompressedMode - rscmwws_QueryUECapabilityUplink - rscmwws_QueryUECapabilityRF - rscmwws_QueryUEMeasurementReportSecondCarrierUTRAFDD ... suffix added <2> - rscmwws_ConfigureCBSMessage RSCMWWS_ATTR_CBS_MESSAGE_ID_TYPE - rscmwws_WaitForOPCCallback - rscmwws_error_query - rscmwws_SetAttributeViString - rscmwws_InitWithOptions - rscmwws_CheckStatus * Deleted: - rscmwws_ConfigurePacketDataInactivity - rscmwws_ConfigureNetworkTimeInactivity
3.5.200	10/2015	* Update for firmware 3.5.20 * New: - rscmwws_ConfigureRFSignalRoutingInternalFadingScenarioFader ... replaces old function rscmwws_ConfigureRFSignalRoutingInternalFadingScenario

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureRFSignalRoutingInternalRXDiversityFadingScenarioFader ... replaces old function rscmwws_ConfigureRFSignalRoutingInternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalDualCarrierInternalFadingScenarioFader... replaces old function rscmwws_ConfigureRFSignalDualCarrierInternalFadingScenario - rscmwws_ConfigureRFSignalDualCarrierInternalRXDiversityFadingScenarioFader ... replaces old function rscmwws_ConfigureRFSignalDualCarrierInternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalDualCarrierBandExternalFadingScenario - rscmwws_ConfigureRFSignalDualCarrierBandInternalFadingScenario - rscmwws_ConfigureRFSignalDualCarrierBandExternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalDualCarrierBandInternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalMultiCarriersHSPAScenario - rscmwws_QueryRFSignalScenario - rscmwws_ConfigureFadingSimulatorCarrier ... replaces old function rscmwws_ConfigureFadingSimulator - rscmwws_RestartFadingSimulatorCarrier ... replaces old function rscmwws_RestartFadingSimulator - rscmwws_ConfigureFadingSimulatorInsertionLossCarrier ... replaces old function rscmwws_ConfigureFadingSimulatorInsertionLoss - rscmwws_ConfigureFadingSimulatorDopplerShiftCarrier ... replaces old function rscmwws_ConfigureFadingSimulatorDopplerShift - rscmwws_QueryFadingSimulatorDopplerFrequencyCarrier ... replaces old function rscmwws_QueryFadingSimulatorDopplerFrequency - rscmwws_ConfigureMultiCarrierHSSCCHOrder - rscmwws_ActivateMultiCarrierHSSCCHOrder - rscmwws_QueryMultiCarrierHSSCCHOrder - rscmwws_ConfigureWCDMAWizardERGCH - rscmwws_ConfigurePhysicalDownlinkChannelTableDPCHRange - rscmwws_QueryPhysicalDownlinkChannelTableDPCHLevel - rscmwws_ConfigurePhysicalDownlinkChannelTableDPCHFDPCHSlotFormat - rscmwws_ConfigurePhysicalDownlinkChannelPowerControlMode - rscmwws_ConfigurePhysicalDownlinkChannelPowerControlSettings - rscmwws_ConfigurePhysicalUplinkDPCCHPowerOffsetCarrier ... replaces old function rscmwws_ConfigurePhysicalUplinkDPCCHPowerOffset - rscmwws_ConfigurePhysicalUplinkScramblingCodeCarrier ... replaces old function rscmwws_ConfigurePhysicalUplinkScramblingCode - rscmwws_ConfigurePhysicalUplinkTXPowerControlSetupClosedLoopTargetPowerCarrier ... replaces old function rscmwws_ConfigurePhysicalUplinkTXPowerControlSetupClosedLoopTargetPower - rscmwws_ConfigurePhysicalUplinkTXPowerControlTargetPowerOffset - rscmwws_ConfigurePacketDataInactivity - rscmwws_ConfigureSecurityCiphering - rscmwws_ConfigureNetworkTimeInactivity - rscmwws_ConfigureUETimerT323 - rscmwws_ConfigureCQICarrierEnable - rscmwws_ConfigureCQIConformanceTestMode - rscmwws_ConfigureUserCarrierEnable - rscmwws_ConfigureUserCarrierModulation ... replaces old function rscmwws_ConfigureUserModulation - rscmwws_ConfigureHSUPACarrierEnable - rscmwws_ConfigureHSSCCHLessOperation - rscmwws_ConfigureHSSCCHLessOperationTransportBlockSizeSettings - rscmwws_ConfigureSMSOutgouingProtocolIdentifier - rscmwws_ConfigureCBSDataCodingScheme - rscmwws_ConfigureERGCHMeasurement - rscmwws_ConfigureERGCHLimit

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureERGCHETFCIMeasurement - rscmwws_ConfigureERGCHETFCITableManual - rscmwws_ERGCHMeasurementInit - rscmwws_ERGCHMeasurementAbort - rscmwws_ERGCHAMeasurementStop - rscmwws_QueryERGCHAMeasurementStatus - rscmwws_ReadERGCHResults - rscmwws_FetchERGCHResults * Update - rscmwws_QueryRFSignalRouting - rscmwws_ConfigureRFSignalAttenuation - rscmwws_ConfigureRFSignalExternalDelayCompensation - rscmwws_ConfigureRFSignalFrequency - rscmwws_ConfigureRFSignalCenterFrequency - rscmwws_ConfigureRFSignalFrequencyOffset - rscmwws_ConfigureRFSignalPowerDownlink - rscmwws_ConfigureRFSignalPowerDownlinkAWGNNoise - rscmwws_QueryRFSignalOutputChannelPowerRatio - rscmwws_QueryRFSignalDownlinkTotalOutputPower - rscmwws_ConfigureIQIn - rscmwws_QueryIQOut - rscmwws_QueryFadingSimulatorClippingCounter - rscmwws_QueryDLPowerSettings - rscmwws_ConfigureFadingModuleAWGN - rscmwws_QueryFadingModuleAWGNSignalNoiseRatio - rscmwws_QueryConnectionStatus - rscmwws_ConfigureWCDMAWizard - rscmwws_QueryPhysicalDownlinkAccumulatedPower - rscmwws_ConfigurePhysicalDownlinkOCNSType - rscmwws_QueryPhysicalDownlinkOCNS - rscmwws_QueryPhysicalDownlinkCodeConflict - rscmwws_ConfigurePhysicalDownlinkChannelTableLevel - rscmwws_QueryPhysicalDownlinkChannelTableCodePCPICH - rscmwws_ConfigurePhysicalDownlinkChannelTablePCPICHEnhanced - rscmwws_ConfigurePhysicalDownlinkChannelTableHSPDSCH - rscmwws_ConfigurePhysicalDownlinkChannelTableHSPDSCHEnhanced - rscmwws_ConfigurePhysicalDownlinkChannelTableHSSCCH - rscmwws_ConfigurePhysicalDownlinkChannelTableHSSCCHEnhanced - rscmwws_ConfigurePhysicalDownlinkChannelTableHSUPALevel - rscmwws_ConfigurePhysicalDownlinkChannelTableHSUPACode - rscmwws_ConfigurePrimaryScramblingCode - rscmwws_ConfigureUECategory - rscmwws_ConfigureFRCHSet - rscmwws_ConfigureCQITable - rscmwws_ConfigureUserInterTTIDistance - rscmwws_ConfigureUserTransportBlockSizeIndex - rscmwws_ConfigureUserPhysicalChannelCodesCount - rscmwws_ConfigureHSUPAETFCI - rscmwws_ConfigureHSUPAEAGCHUEId - rscmwws_ConfigureHSUPAEAGCHAGPattern - rscmwws_ConfigureHSUPAEAGCHAGPatternRepetition - rscmwws_HSUPAEAGCHAGPatternExecution

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureHSUPAFillUpFramesWithDummies - rscmwws_ConfigureHSUPAEHICHHARQFeedback - rscmwws_ConfigureHSUPAERGCHRelativeGrant - rscmwws_HSUPAERGCHPatternExecution - rscmwws_QueryUECapabilityMeasurementRelatedGSMCompressedMode - rscmwws_QueryUECapabilityMeasurementRelatedLTECompressedMode - rscmwws_ReadHSDPAThroughputTrace - rscmwws_FetchHSDPAThroughputTrace - rscmwws_ReadHSDPAThroughputAbsoluteResultsAll - rscmwws_FetchHSDPAThroughputAbsoluteResultsAll - rscmwws_ReadHSDPAThroughputRelativeResultsAll - rscmwws_FetchHSDPAThroughputRelativeResultsAll - rscmwws_ReadHSDPATransmissionsAllResults - rscmwws_FetchHSDPATransmissionsAllResults - rscmwws_ReadHSDPADLBLERResults - rscmwws_FetchHSDPADLBLERResults - rscmwws_ReadHSDPAMedianCQITrace - rscmwws_FetchHSDPAMedianCQITrace - rscmwws_ReadHSDPAMedianCQIResults - rscmwws_FetchHSDPAMedianCQIResults - rscmwws_ReadEHICHResults - rscmwws_FetchEHICHResults - rscmwws_ReadEHICHThroughputTrace - rscmwws_FetchEHICHThroughputTrace - rscmwws_ReadEHICHThroughputTraceAllCarriers - rscmwws_FetchEHICHThroughputTraceAllCarriers - rscmwws_ReadEHICHMaxExpectedThroughputTrace - rscmwws_FetchEHICHMaxExpectedThroughputTrace - rscmwws_ReadEHICHMaxPossibleThroughputTrace - rscmwws_FetchEHICHMaxPossibleThroughputTrace - rscmwws_ReadULLoggingAckNack - rscmwws_FetchULLoggingAckNack - rscmwws_ReadULLoggingCQI - rscmwws_FetchULLoggingCQI - rscmwws_ReadULLoggingETFCI - rscmwws_FetchULLoggingETFCI - rscmwws_ReadULLoggingRSN - rscmwws_FetchULLoggingRSN - rscmwws_ReadULLoggingHappyBit - rscmwws_FetchULLoggingHappyBit - rscmwws_ReadULLoggingDPCCH - rscmwws_FetchULLoggingDPCCH - rscmwws_ReadHCQIFirstStage - rscmwws_FetchHCQIFirstStage - rscmwws_ReadHCQIBLER - rscmwws_FetchHCQIBLER - rscmwws_ReadHCQIDTX - rscmwws_FetchHCQIDTX - rscmwws_ReadHCQIMeasuredSubframes - rscmwws_FetchHCQIMeasuredSubframes - rscmwws_ReadHCQITrace - rscmwws_FetchHCQITrace - rscmwws_ConfigureHCQIAWGNLimit

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.5.100	03/2015	* Update for firmware version 3.5.100 * Help improvements * Updated: - rscmwws_ConfigureNetworkSynchronization - rscmwws_ConfigureUEMeasurementReportSettings
3.2.800	12/2014	* Update for firmware version 3.2.800 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * Added subsystems: - HCQI * New: - rscmwws_ConfigureHandoverMode - rscmwws_ConfigureSMSOutgoingDate - rscmwws_ConfigureSMSOutgoingTime * Updated: - rscmwws_QueryPacketSwitchedState - rscmwws_QueryConnectionStatus - rscmwws_ConfigureWCDMAWizard - rscmwws_ConfigurePhysicalUplinkPRACHAICH - rscmwws_ConfigurePhysicalUplinkTXPowerControl - rscmwws_ConfigureVoiceConnection - rscmwws_ConfigureHSPASettings - rscmwws_ConfigureRejectCauses - rscmwws_ConfigureCQITable - rscmwws_ConfigureHSUPASettings - rscmwws_ConfigureSMSOutgoingMessageSettings
3.2.700	05/2014	* Update for firmware version 3.2.700 * Added subsystems: - Compressed Mode - Messaging (CBS) * New: - rscmwws_ConfigureRFSignalRoutingExternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalRoutingInternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalDualCarrierExternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalDualCarrierInternalRXDiversityFadingScenario - rscmwws_ConfigureRFSignalDualCarrierHSPAScenario - rscmwws_ConfigureRFSignalEnableSpeechCodec - rscmwws_ConfigureRFSignalExternalDelayCompensation - rscmwws_ConfigureRFSignalFrequencyOffset - rscmwws_ConfigureRFSignalFrequencyDBDCHSDPA - rscmwws_ConfigureFadingSimulatorDopplerShift - rscmwws_QueryEventLog - rscmwws_ConfigurePhysicalUplinkGainFactorsHSUPAETFCIBoost - rscmwws_ConfigurePhysicalUplinkGainFactorsHSUPADeltaT2TP - rscmwws_ConfigureCallerID - rscmwws_ConfigureVoiceConnection - rscmwws_ConfigureNetworkLevelsCellReselectionEUTRA - rscmwws_ConfigureNetworkTimeCellReselection - rscmwws_ConfigureNetworkSynchronization - rscmwws_ConfigureWCDMAFDDNeighborCellMeasurement - rscmwws_ConfigureGSMNeighborCellMeasurement - rscmwws_ConfigureLTENeighborCellMeasurement - rscmwws_ConfigureHSUPA2ndCarrier

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureHSUPAPDUFlexible - rscmwws_ConfigureHSUPAModulation - rscmwws_ConfigureHSUPAEAGCHTableIndex - rscmwws_ConfigureHSUPAHSSCCHOrder - rscmwws_QueryHSUPAHSSCCHOrderStatus - rscmwws_ConfigureUEMeasurementReportGSM - rscmwws_ConfigureUEMeasurementReportEUTRAFDD - rscmwws_QueryUEMeasurementReportNeighborCellsUTRAFDD - rscmwws_QueryUEMeasurementReportNeighborCellsEUTRAFDD - rscmwws_QueryUEMeasurementReportNeighborCellsGSM - rscmwws_QueryUEInfoEmergencyCallServiceCategory - rscmwws_QueryUEInfoAPN - rscmwws_QueryUECapabilityCodecList - rscmwws_QueryUECapabilityMeasurementRelatedGSMCompressedMode - rscmwws_QueryUECapabilityMeasurementRelatedLTECompressedMode - rscmwws_QueryUECapabilityMeasurementRelatedWCDMACompressedMode - rscmwws_ConfigureSMSOutgoingMessageSettings - rscmwws_ConfigureSMSOutgoingBinaryMessage - rscmwws_ReadEHICHThroughputTraceAllCarriers - rscmwws_FetchEHICHThroughputTraceAllCarriers - rscmwws_ReadEHICHMaxPossibleThroughputTrace - rscmwws_FetchEHICHMaxPossibleThroughputTrace - rscmwws_ReadULLoggingAllResultsDCHSPA - rscmwws_FetchULLoggingAllResultsDCHSPA * Modified: - rscmwws_QueryRFSignalRouting - rscmwws_ConfigureRFSignalFrequency - rscmwws_ConfigureRFSignalCenterFrequency - rscmwws_ConfigurePacketSwitchingSignalingState - rscmwws_QueryCircuitSwitchedState - rscmwws_QueryPacketSwitchedState - rscmwws_QueryConnectionStatus - rscmwws_QueryCMWDemodInfo - rscmwws_ConfigurePhysicalDownlinkChannelTableLevel - rscmwws_ConfigurePhysicalDownlinkChannelTableHSUPALevel - rscmwws_ConfigurePhysicalDownlinkChannelTableHSUPACode - rscmwws_QueryPhysicalUplinkTXPowerControlEDCHCondition - rscmwws_ConfigureGSMNeighborCell - rscmwws_ConfigureLTENeighborCell - rscmwws_ConfigureHSUPAUECategory - rscmwws_ConfigureHSUPAETFCI - rscmwws_ConfigureHSUPAEAGCHUEId - rscmwws_ConfigureHSUPAEAGCHAGPattern - rscmwws_ConfigureHSUPAEAGCHAGPatternRepetition - rscmwws_HSUPAEAGCHAGPatternExecution - rscmwws_ConfigureHSUPAFillUpFramesWithDummies - rscmwws_ConfigureHSUPAEHICHHARQFeedback - rscmwws_ConfigureHSUPAERGCHRelativeGrant - rscmwws_HSUPAERGCHPatternExecution - rscmwws_QueryCPCHSSCCHOrder - rscmwws_ConfigureCPCUplinkDTX - rscmwws_QueryUECapabilityHSUPA - rscmwws_ConfigureRLCThroughputMeasurementControl

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ReadEHICHResults - rscmwws_FetchEHICHResults - rscmwws_ReadEHICHMaxExpectedThroughputTrace - rscmwws_FetchEHICHMaxExpectedThroughputTrace - rscmwws_ReadULLoggingETFCI - rscmwws_FetchULLoggingETFCI - rscmwws_ReadULLoggingRSN - rscmwws_FetchULLoggingRSN - rscmwws_ReadULLoggingHappyBit - rscmwws_FetchULLoggingHappyBit - rscmwws_ReadULLoggingDPCCH - rscmwws_FetchULLoggingDPCCH
3.2.100	08/2013	* Update for firmware version 3.2.100 * Added subsystems: - CPC Settings - UL Logging * New: - rscmwws_ConfigureRFSignalCenterFrequency - rscmwws_ConfigureRFSignalFrequencySeparation - rscmwws_QueryFadingSimulatorClippingCounter - rscmwws_ConfigureWCDMAWizardHUMP - rscmwws_ConfigurePhysicalDownlinkChannelTableDPCHReference - rscmwws_ReadHSDPAThroughputAbsoluteResultsAll - rscmwws_FetchHSDPAThroughputAbsoluteResultsAll - rscmwws_ReadHSDPAThroughputRelativeResultsAll - rscmwws_FetchHSDPAThroughputRelativeResultsAll - rscmwws_ReadEHICHThroughputTrace - rscmwws_FetchEHICHThroughputTrace - rscmwws_ReadEHICHMaxExpectedThroughputTrace - rscmwws_FetchEHICHMaxExpectedThroughputTrace * Modified: - rscmwws_ConfigureRFSignalAttenuation - RSCMWWS_ATTR_INPUT_EXTERNAL_ATTENUATION - Carrier added - rscmwws_ConfigureRFSignalFrequency - RSCMWWS_ATTR_UPLINK_CHANNEL - Carrier added - rscmwws_QueryConnectionStatus - Added values DCHS, HSPA, HDUP, DDUP - rscmwws_ConfigureWCDMAWizard - Added HUMT, HSMT, HUMP - rscmwws_ConfigurePhysicalDownlinkOCNSType - R7 - rscmwws_QueryPhysicalDownlinkCodeConflict - More results - rscmwws_ConfigurePhysicalDownlinkChannelTableLevel - channel FDPCH - rscmwws_ConfigurePhysicalDownlinkChannelTableCode - channel FDPCH - rscmwws_ConfigurePhysicalUplinkTXPowerControl - Setup - values 12, 13, 14, 15, 16 added - rscmwws_ConfigurePhysicalUplinkTXPowerControlSetupPhaseDiscontinuityPrecond - Target Power added - rscmwws_QueryUECapabilityPDCP - API changed - RFC 3095R Space added - rscmwws_QueryUECapabilityRLC - API changed - Two Logical Channels added - rscmwws_QueryUECapabilityDownlink - more results - rscmwws_QueryUECapabilityUplink - more results - rscmwws_QueryUECapabilityRF - more bands - rscmwws_QueryUECapabilityRadioAccessTechnology - more results - rscmwws_QueryUECapabilityGeneral - API changed - changed to array - rscmwws_QueryUECapabilityHSDPA - API changed - changed to array - rscmwws_QueryUECapabilityHSUPA - API changed - changed to array - rscmwws_ReadHSDPAThroughputTrace - Average

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_FetchHSDPAThroughputTrace - Average - rscmwws_ReadHSDPATotalThroughputTrace - Average - rscmwws_FetchHSDPATotalThroughputTrace - Average * Deleted: - rscmwws_ReadHSDPAThroughputAbsoluteResults - rscmwws_FetchHSDPAThroughputAbsoluteResults - rscmwws_ReadHSDPAThroughputRelativeResults - rscmwws_FetchHSDPAThroughputRelativeResults
3.0.200	04/2013	* Update for firmware version 3.0.20 * Added subsystems: - Internal Fading - Packet Data - Test Mode - Reject Causes - Neighbor Cell Settings - Time - HSUPA Settings - RLC Throughput - E-HICH * New: - rscmwws_ConfigureRFSignalRoutingInternalFadingScenario - rscmwws_ConfigureRFSignalDualCarrierInternalFadingScenario - rscmwws_ConfigureRFSignalRXDiversity - rscmwws_ConfigureRFSignalDataEndToEnd - rscmwws_ConfigurePhysicalDownlinkChannelTableHSUPALevel - rscmwws_ConfigurePhysicalDownlinkChannelTableHSUPACode - rscmwws_ConfigurePhysicalUplinkPRACHAICH - rscmwws_QueryPhysicalUplinkTXPowerControlEDCHCondition - rscmwws_ConfigurePhysicalUplinkGainFactorsHSUPAEDPCCH - rscmwws_ConfigurePhysicalUplinkGainFactorsHSUPAETFCI - rscmwws_QueryUEInfoIPAddress - rscmwws_ConfigureMessageMonitoringLoggingAddress - rscmwws_QueryMessageMonitoringLoggingAddress * Modified: - rscmwws_ConfigureRFSignalRoutingExternalFadingScenario - IQ connector added - rscmwws_ConfigureRFSignalDualCarrierExternalFadingScenario - IQ connector added - rscmwws_QueryRFSignalRouting - IQ connector added - rscmwws_ConfigureUETerminatedConnection RMC >> Test
3.0.121	08/2012	Modifications: - Fixed offsets New: - rscmwws_ConfigureWCDMAWizard
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * Added subsystems: - Handover * New: - rscmwws_ConfigureRFSignalRoutingExternalFadingScenario - rscmwws_ConfigureRFSignalDualCarrierExternalFadingScenario - rscmwws_ConfigureIQIn - rscmwws_QueryIQOut - rscmwws_ConfigurePhysicalUplinkTXPowerControlSetupClosedLoopTargetPowerType - rscmwws_ConfigureRMCKeepTestLoopClosed

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigureSMSKeepTestLoopClosed
2.1.300	12/2011	Release for CMW firmware version 2.1.30.30 * New: - Message Monitoring - rscmwws_ConfigurePacketSwitchingSignalingState - rscmwws_ConfigureRFSignalDualCarrierScenario - rscmwws_ConfigureRFSignalDownlinkTotalOutputPower - rscmwws_QueryRFSignalOutputChannelPowerRatio - rscmwws_QueryRFSignalDownlinkCombinedTotalOutputPower - rscmwws_ConfigurePhysicalDownlinkOCNSType - rscmwws_QueryPhysicalDownlinkChannelTableCodePCPICH - rscmwws_ConfigureNetworkThresholdsCellReselection - rscmwws_ConfigureNetworkLevelsCellReselection - rscmwws_ConfigureNetworkTimeActivation - rscmwws_ConfigurePagingIndicationsNumber - rscmwws_ConfigureCQISecondCarrierState - rscmwws_ConfigureUserSecondCarrierState - rscmwws_ConfigureUEMeasurementReportSecondCarrierUTRAFDD - rscmwws_QueryUEMeasurementReportSecondCarrierUTRAFDD - rscmwws_ConfigureMessageMonitoringSettings - rscmwws_ReadHSDPATotalThroughputTrace - rscmwws_FetchHSDPATotalThroughputTrace * Modified: - rscmwws_ConfigureCircuitSwitchingSignalingState - rscmwws_QueryPacketSwitchedState - rscmwws_ConfigureRFSignalRouting - rscmwws_QueryRFSignalRouting - rscmwws_ConfigureRFSignalAttenuation - rscmwws_ConfigureRFSignalFrequency - rscmwws_ConfigureRFSignalPowerDownlink - rscmwws_ConfigureRFSignalPowerDownlinkAWGNNoise - rscmwws_QueryRFSignalDownlinkTotalOutputPower - rscmwws_QueryPhysicalDownlinkAccumulatedPower - rscmwws_QueryPhysicalDownlinkOCNS - rscmwws_QueryPhysicalDownlinkCodeConflict - rscmwws_ConfigurePhysicalDownlinkChannelTableLevel - rscmwws_ConfigurePhysicalDownlinkChannelTablePCPICHEnhanced - rscmwws_ConfigurePhysicalDownlinkChannelTableHSPDSCH - rscmwws_ConfigurePhysicalDownlinkChannelTableHSPDSCHEnhanced - rscmwws_ConfigurePhysicalDownlinkChannelTableHSSCCH - rscmwws_ConfigurePhysicalDownlinkChannelTableHSSCCHEnhanced - rscmwws_ConfigurePrimaryScramblingCode - rscmwws_ConfigureUECategory - rscmwws_ConfigureCQITable - rscmwws_ConfigureUserInterTTIDistance - rscmwws_ConfigureUserTransportBlockSizeIndex - rscmwws_ConfigureUserPhysicalChannelCodesCount - rscmwws_QueryUECapabilityHSDPA - rscmwws_ReadHSDPAThroughputTrace - rscmwws_FetchHSDPAThroughputTrace - rscmwws_ReadHSDPAThroughputAbsoluteResults

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_FetchHSDPAThroughputAbsoluteResults - rscmwws_ReadHSDPAThroughputRelativeResults - rscmwws_FetchHSDPAThroughputRelativeResults - rscmwws_ReadHSDPATransmissionsAllResults - rscmwws_FetchHSDPATransmissionsAllResults - rscmwws_ReadHSDPADLBLERResults - rscmwws_FetchHSDPADLBLERResults - rscmwws_ReadHSDPAMedianCQITrace - rscmwws_FetchHSDPAMedianCQITrace - rscmwws_ReadHSDPAMedianCQIResults - rscmwws_FetchHSDPAMedianCQIResults - rscmwws_QueryUEMeasurementReportUTRAFDD
2.1.200	08/2011	Release for CMW firmware version 2.1.20.x * Added subsystems: - HSDPA * New functions: - rscmwws_ConfigureRFSignalPowerDownlinkAWGNNoise - rscmwws_ConfigureRFSignalPowerUplinkAuto - rscmwws_ConfigureReducedSignalingModeState - rscmwws_ConfigureReducedSignalingConnectionState - rscmwws_QueryConnectionStatus - rscmwws_QueryCMWDemodInfo - rscmwws_QueryPhysicalDownlinkCodeConflict - rscmwws_ConfigurePhysicalDownlinkChannelTableHSPDSCH - rscmwws_ConfigurePhysicalDownlinkChannelTableHSPDSCHEnhanced - rscmwws_ConfigurePhysicalDownlinkChannelTableHSSCCH - rscmwws_ConfigurePhysicalDownlinkChannelTableHSSCCHEnhanced - rscmwws_ConfigurePhysicalUplinkUEPowerClass - rscmwws_ConfigurePhysicalUplinkPRACHMessagePart - rscmwws_ConfigurePhysicalUplinkPRACHDRXCycleLength - rscmwws_ConfigurePhysicalUplinkTXPowerControlSetupTestStepLength - rscmwws_ConfigurePhysicalUplinkTXPowerControlSetupTestStepSegmentation - rscmwws_ConfigurePhysicalUplinkGainFactorsHSDPA - rscmwws_ConfigureRMCHSPATestModeState - rscmwws_ConfigureRMCHSPASettings - rscmwws_ConfigureURAIdentity - rscmwws_QueryUECapabilityHSDPA - rscmwws_QueryUECapabilityHSUPA - rscmwws_ConfigureSMSRMCReestablishDelay - rscmwws_ConfigureBERMeasurementRepetition - rscmwws_QueryBERDLULAlignment * Modified: - rscmwws_ConfigureRFSignalPowerUplink - command channed UMARgin -> MARgin, added RSCMWWS_ATTR_EXPECTED_NOMINAL_POWER_MODE - rscmwws_QueryUECapabilityRF - bands (and class) 19, 20, 21 added
2.0.110	04/2011	Release for CMW firmware version 2.0.11 * New - Messaging - rscmwws_QueryRFSignalRouting - rscmwws_QueryPhysicalUplinkInitialDPCCHPower - rscmwws_QueryPhysicalUplinkOpenLoopPreamblePower

rscmwws driver for WCDMA Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwws_ConfigurePagingRepetitionsNumber - rscmwws_FetchUEMeasurementReportState - rscmwws_ConfigureBERMeasurementTimeout - rscmwws_QueryBERLimitCheckResults * Modified - rscmwws_ConfigureRFSignalRouting - rscmwws_ConfigureRFSignalFrequency
1.0.150	02/2010	Release for CMW firmware version 1.0.15 Initial revision

27 RScmwWNB – WCDMA eNodeB Measurement (3.7.220)

rscmwinm driver for WCDMA eNodeB Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW100		
Revision	Date	Note
3.7.220	06/2019	* Update for firmware version 3.7.22 * New core 3.5.0 * New attributes/functions: - RSCMWWNB_ATTR_MIXER_LEVEL_OFFSET - rscmwwnb_ConfigureMixerLevelOffset - rscmwwnb_ConfigureAutoSystemErrQuery - rscmwwnb_ConfigureMultiThreadLocking - rscmwwnb_GetAttributeRepCapName
3.7.100	01/2018	* Support for firmware 3.7.10 * Initial release

28 RScmwFM - FM Stereo Radio Measurements (3.0.121)

rscmwfm driver for FM Stereo Radio Measurements		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500, CMW280		
Revision	Date	Note
3.0.121	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.12 No changes
2.1.100	07/2011	Release for CMW firmware version 2.1.10.x * Added features - RDS deviation measuremet results * Modified functions - changed command, results for RDS deviation added: - rscmwfm Read Multi Eval Measurement RF Modulation.vi - rscmwfm Fetch Multi Eval Measurement RF Modulation.vi - rscmwfm Query Multi Eval Measurement RF Modulation Limit Check Results.vi - rscmwfm Read Multi Eval Measurement RF Modulation Standard Deviation.vi - rscmwfm Fetch Multi Eval Measurement RF Modulation Standard Deviation.vi - rscmwfm Query Multi Eval Measurement RFM odulation Limit Check Results Standard Deviation.vi - rscmwfm Configure Multi Eval Limits RF Modulation.vi
2.0.110	02/2011	Release for CMW firmware version 2.0.10.xx * Added functions/attributes - rscmwfm_QuerySignalRouting - rscmwfm_ConfigureMEvalMeasTimeout * Modified functions - rscmwfm_ConfigureSignalRouting - added new connectors - rscmwfm_ReadMEvalMeasAF - changed command, removed MINimum - rscmwfm_FetchMEvalMeasAF - changed command, removed MINimum - rscmwfm_QueryMEvalMeasAFLimitCheckResults - changed command, removed MINimum
1.0.152	08/2010	Release for CMW firmware version 1.0.15.20 Initial revision

29 RScmwDAU - Data Application Unit (3.7.510)

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.510	10/2020	* Update for CMW firmware version 3.7.51 * New core 3.11.0 * New functions: - rscmwdau_ConfigureIPv6PrefixPoolEnabled - rscmwdau_ConfigureIMSSIPTimerSettings - rscmwdau_ConfigureVirtualSubscriberGroupChatAddParticipant - rscmwdau_ConfigureVirtualSubscriberGroupChatDeleteParticipant - rscmwdau_QueryVirtualSubscriberGroupChatParticipants - rscmwdau_ConfigureIPerfClientReverseModeEnabled - rscmwdau_ConfigureIPerfNetworkAddressTranslation - rscmwdau_ConfigureIPerfNATParallelConnections - rscmwdau_ConfigureIPerfNATBitRate - rscmwdau_ConfigureIPerfSocketBufferSize - rscmwdau_FetchIPerfMeasurementPacketloss - rscmwdau_FetchSecurityHandshakeNegotiatedECPFormat * Updated functions: - rscmwdau_QueryIMSMobileStatus - Range table and help update - rscmwdau_ConfigureIPerfState - Network Address Translation added - rscmwdau_ConfigureIPerfClient - Help updated - rscmwdau_ConfigureIPerfClientBitRate - Range and default value updated * Deleted functions: - rscmwdau_ConfigureIPBuffering - rscmwdau_ConfigureIPerfTCPWindowSize
3.7.300	04/2018	* New core 3.4.0 * New functions: - rscmwdau_ConfigureePDGPCSFIKEv2Auto - rscmwdau_QueryIPAnalysisExportFilePath - rscmwdau_ConfigureIPAnalysisPortScan - rscmwdau_IPAnalysisPortScanClearEventLog - rscmwdau_IPAnalysisPortScanInitiate - rscmwdau_IPAnalysisPortScanAbort - rscmwdau_ConfigureIPAnalysisFlowFilterConnections - rscmwdau_ConfigureIPAnalysisFlowFilterExtensions - rscmwdau_ConfigureIPAnalysisKeywordImport - rscmwdau_QueryIPConnectivityFeatures - rscmwdau_FetchKeywordSearchResults - rscmwdau_FetchPortScanStatus - rscmwdau_FetchPortScanResults - rscmwdau_QueryPortScanEventLog - rscmwdau_FetchSecurityAllConnectionsOfAllApplication - rscmwdau_SetOPCTimeout - rscmwdau_GetOPCTimeout - rscmwdau_ConfigureAutoSystemErrQuery - rscmwdau_ConfigureMultiThreadLocking - rscmwdau_GetAttributeRepCapName

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.7.100	03/2018	* New functions: - rscmwdau_ConfigureIPBuffering - rscmwdau_QueryLANStatus - rscmwdau_ConfigureSubscriberPAUHeader - rscmwdau_ConfigureVirtualSubscriberEVSIOModeConfig - rscmwdau_ClearePDGEventLog - rscmwdau_ConfigureIPAnalysisFilter - Keyword settings - IP Analysis Security * Updated functions: - rscmwdau_ConfigureSubscriberAuthenticationData - changed default value - rscmwdau_ConfigureSubscriberAuthenticationIPSec - changed default value - rscmwdau_ConfigureUpdateCallInbandCMREVSCodecRate - changed default value
3.5.500	03/2017	* New functions: - rscmwdau_ConfigureVirtualSubscriberAudioCodec - rscmwdau_ConfigureVirtualSubscriberSupportedFeatures - rscmwdau_ConfigureVirtualSubscriberSMSImportFile - rscmwdau_ConfigureVirtualSubscriberFileTransferChunkSize - rscmwdau_ConfigureUpdateCallAudioCodec - Update Call Inband - Update Call Chat Actions - rscmwdau_ConfigureePDGServiceState - rscmwdau_ConfigureePDGDeadPeerDetectionEnabled - rscmwdau_QueryRANTraceCatalog - rscmwdau_ConfigureThroughputMaxCount - rscmwdau_ConfigureDNSRequestsMaxIndexCount - rscmwdau_ConfigureIPLoggingPacketSnapLength - rscmwdau_QueryIMSFlowInformation2 - rscmwdau_QueryIMSCMR - rscmwdau_QueryIPReplayFileList * Updated functions: - rscmwdau_ConfigureSubscriberAuthenticationIPSec - rscmwdau_ConfigureVirtualSubscriberSettings - rscmwdau_ConfigureVirtualSubscriberSMSSettings - rscmwdau_ConfigureIPLogging - rscmwdau_ConfigureTCPAnalysisResults - rscmwdau_QueryTCPAnalysisResults - rscmwdau_FetchTCPAnalysisAllResults - rscmwdau_QueryTCPAnalysisDetailResults
3.5.400	10/2016	* New functions: - rscmwdau_ConfigureIPv4Type - rscmwdau_ConfigureIPv6Type - rscmwdau_ConfigureIPv6AddressLength - rscmwdau_ConfigureDNSServerResponse - rscmwdau_IMSCleanGeneralInfo - rscmwdau_ConfigureIMSTCPKeepAlive - rscmwdau_ConfigureIMSThreshold - rscmwdau_ConfigureIMSTransportSelection - rscmwdau_ConfigureSubscriberQCI - rscmwdau_ConfigureVirtualSubscriberBearer - rscmwdau_ConfigureVirtualSubscriberForceCodec - rscmwdau_ConfigureVirtualSubscriberPCAPFile

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- Virtual Subscriber EVS Codec - Update Call EVS Codec - rscmwdau_ConfigureUpdateCallEvent - rscmwdau_ConfigureVirtualSubscriberSMSEncoding - File Transfer - rscmwdau_ConfigureApplicationType - rscmwdau_RANAssign - rscmwdau_ConfigureRANTrace - rscmwdau_ConfigureThroughputType - rscmwdau_ConfigureIPerfType - QoS - rscmwdau_FetchMeasurementThroughputRANResults - rscmwdau_ReadMeasurementThroughputRANResults - rscmwdau_FetchMeasurementThroughputRANTotalResults - rscmwdau_ReadMeasurementThroughputRANTotalResults - rscmwdau_FetchMeasurementThroughputTraceRANResults - rscmwdau_ReadMeasurementThroughputTraceRANResults - rscmwdau_ReadToFileFromInstrument ... to be compatible with LV - rscmwdau_WriteFromFileToInstrument ... to be compatible with LV - rscmwdau_SetVISATimeout - rscmwdau_GetVISATimeout - rscmwdau_ClearStatus - rscmwdau_ProcessAllPreviousCommands - rscmwdau_QueryOPC - rscmwdau_IDQueryResponse * Updated Functions: - rscmwdau_ConfigureVirtualSubscriberSettings - rscmwdau_ConfigureVirtualSubscriberMediaEndpoint - rscmwdau_ConfigureAMRVoiceCodec - rscmwdau_ConfigureVirtualSubscriberSMSSettings - rscmwdau_QueryIMSEventLog - rscmwdau_ConfigureePDGInternetKeyExchangeProtocol
3.5.201	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.5.200	11/2015	* Update for CMW firmware version 3.5.20 * New functions: - rscmwdau_ConfigureIMSServiceState - rscmwdau_QueryAdvancedIMSInfo - rscmwdau_QueryIMSMobileStatus - rscmwdau_ConfigureIMSAdvancedParameters - rscmwdau_QueryIMSReleaseCall - rscmwdau_DeregisterAdvancedIMSMobile - rscmwdau_CreatePCSCFTab - rscmwdau_DeletePCSCFTab - rscmwdau_UpdatePCSCFProfiles - rscmwdau_QueryPCSCFCatalog - rscmwdau_ConfigurePCSCFSettings - rscmwdau_ConfigurePCSCFFailureSettings - rscmwdau_ConfigurePCSCFRegistrationExpirationTime - rscmwdau_ConfigurePCSCFSubscriptionExpirationTime - rscmwdau_CreateSubscriberTab

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwdau_DeleteSubscriberTab - rscmwdau_UpdateSubscriberProfiles - rscmwdau_QuerySubscriberCatalog - rscmwdau_ConfigureSubscriberPrivateUserID - rscmwdau_ConfigureSubscriberAuthentication - rscmwdau_ConfigureSubscriberAuthenticationData - rscmwdau_ConfigureSubscriberAuthenticationIPSec - rscmwdau_ConfigureSubscriberPublicUserIDs - rscmwdau_CreateVirtualSubscriberProfile - rscmwdau_DeleteVirtualSubscriberProfile - rscmwdau_UpdateVirtualSubscriberProfile - rscmwdau_QueryVirtualSubscriberCatalog - rscmwdau_ConfigureVirtualSubscriberSettings - rscmwdau_ConfigureVirtualSubscriberVideo - rscmwdau_ConfigureVirtualSubscriberMediaEndpoint - rscmwdau_ConfigureVirtualSubscriberForward - rscmwdau_ConfigureVirtualSubscriberAudioboard - rscmwdau_ConfigureAMRVoiceCodec - rscmwdau_ConfigureAMRCodecRates - rscmwdau_ConfigureVirtualSubscriberMTCDestination - rscmwdau_QueryVirtualSubscriberMTCDestinationList - rscmwdau_ConfigureVirtualSubscriberMTCCallSettings - rscmwdau_ConfigureVirtualSubscriberMTCAMRCodecRate - rscmwdau_ConfigureVirtualSubscriberMTCAMRVideoCodec - rscmwdau_InitiateVirtualSubscriberVoiceSettings - rscmwdau_ConfigureVirtualSubscriberSMSSettings - rscmwdau_QueryVirtualSubscriberSMSDestinationList - rscmwdau_SendVirtualSubscriberSMS - rscmwdau_InitiateUpdateCall - rscmwdau_ConfigureUpdateCallSettings - rscmwdau_ConfigureUpdateCallCodec - rscmwdau_QueryUpdateCallIDs - rscmwdau_QueryIMSEventLog - rscmwdau_QueryIMSSMSEventHistory - rscmwdau_QueryIMSCALLEventHistory - rscmwdau_ConfigureePDGIPAddress - rscmwdau_ConfigureePDGID - rscmwdau_ConfigureePDGInternetKeyExchangeProtocol - rscmwdau_ConfigureePDGEncapsulatingSecurityPayload - rscmwdau_ConfigureePDGDeadPeerDetection - rscmwdau_ConfigureePDGSSLCertificate - rscmwdau_ConfigureePDGIMSI - rscmwdau_QueryePDGIMSIConnections - rscmwdau_ConfigureePDGAuthenticationAlgorithm - rscmwdau_ConfigureePDGAuthenticationDataSettings - rscmwdau_ConfigureAudioDelayMaximumSamples - rscmwdau_QueryAudioDelayIntervals - rscmwdau_DataApplicationMeasurementAudioDelayInit - rscmwdau_DataApplicationMeasurementAudioDelayAbort - rscmwdau_DataApplicationMeasurementAudioDelayStop - rscmwdau_QueryDataApplicationMeasurementAudioDelayStatus - rscmwdau_QueryDataApplicationMeasurementAudioDelayAllStatus - rscmwdau_ReadAudioDelayMeasurementResults

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwdau_FetchAudioDelayMeasurementResults - rscmwdau_ReadAudioDelayTimeOfArrivalResults - rscmwdau_FetchAudioDelayTimeOfArrivalResults - rscmwdau_ReadAudioDelayMeasurementTraceResults - rscmwdau_FetchAudioDelayMeasurementTraceResults - rscmwdau_ReadAudioDelayTimeOfArrivalTraceResults - rscmwdau_FetchAudioDelayTimeOfArrivalTraceResults * Modified functions: - rscmwdau_ConfigureServiceState - rscmwdau_QueryIPv6LANSettings - rscmwdau_QueryIMSInfo - rscmwdau_QueryIMSMobileInfo - rscmwdau_ConfigureIMSGeneralParameters - rscmwdau_DeregisterIMSMobile - rscmwdau_ConfigureIPerfTCPWindowSize - rscmwdau_DataAppMeasInit
3.5.100	03/2015	* Update for CMW firmware version 3.5.100 * Help improvements * Modified functions: - rscmwdau_ConfigureIMSAuthenticationData
3.2.550	11/2014	* Update for CMW firmware version 3.2.50.5 * Added MATLAB custom driver * Added MATLAB snippet codes to functions and attributes help file * New Functions - IP Replay - rscmwdau_ConfigureApplication - rscmwdau_ConfigureLayer - rscmwdau_ConfigureStoreDatabase - rscmwdau_FetchDataPerLayer - rscmwdau_FetchDataPerApplication - rscmwdau_FetchIMSAllResults - rscmwdau_QueryIMSFlowInformation - rscmwdau_QueryIMSPacketsMeasurement - rscmwdau_QueryIMSJitter * Modified functions: - rscmwdau_ConfigurePingTimeout - rscmwdau_ConfigureIPLogging - rscmwdau_ConfigureIPAnalysisResults - rscmwdau_ConfigureIPAnalysisResultsAll - rscmwdau_DataAppMeasInit - rscmwdau_DataAppMeasAbort - rscmwdau_DataAppMeasStop - rscmwdau_QueryDataAppMeasStatus - rscmwdau_FetchIPConnectivityAllResults
3.2.500	06/2014	* Update for CMW firmware version 3.2.50 * New functions: - rscmwdau_ConfigureMTU - rscmwdau_DeregisterIMSMobile - rscmwdau_ConfigurePingTimeout - rscmwdau_FetchPingStatisticaResults - rscmwdau_FetchIPerfMeasurementAllResults - rscmwdau_QueryTCPAnalysisAllResults

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwdau_QueryIPConnectivityAllResults * Modified functions: - rscmwdau_ConfigureForeignDNSServerUseDHCPAddress - changed API - rscmwdau_QueryIMSMobileInfo - rscmwdau_ConfigureIMSVoiceSettings - changed API - rscmwdau_QueryVoiceOverIMSStatus
3.2.100	09/2013	* Update for CMW firmware version 3.2.100 * Added under Measurement >> Configuration - IP Analysis subsystem * Added under Measurement >> Results - IP Analysis subsystem * New functions: - rscmwdau_ConfigureNetworkImpairmentsJitterDistribution * Modified functions: - rscmwdau_DataAppMeasInit - added IP Analysis - rscmwdau_DataAppMeasAbort - added IP Analysis - rscmwdau_DataAppMeasStop - added IP Analysis - rscmwdau_QueryDataAppMeasStatus - added IP Analysis
3.0.120	06/2012	Modifications: * Update for CMW firmware version 3.0.10 * Added under Configuration - DNS subsystem * Added under Configuration - IP Multimedia Subsystem (IMS) * Added under Measurement - DNS Request * Added under Measurement - IP Logging * Added under Measurement - Network Impairments * New functions: - rscmwdau_ConfigureIPv6LANStaticConfiguration - rscmwdau_QueryIPv6LANSettings - rscmwdau_ConfigureIPv6PrefixSetupMode - rscmwdau_ConfigureIPv6RoutingSetupMode - rscmwdau_ConfigureIPv6RoutingAdd - rscmwdau_ConfigureIPv6RoutingDelete - rscmwdau_ConfigureIPv6RoutingDeleteByIndex - rscmwdau_QueryIPv6RoutingCatalog - rscmwdau_ConfigureIPLogging - rscmwdau_QueryIPLoggingLogFileName - rscmwdau_FetchPingNoReplyCount - rscmwdau_QueryNumberOfDNSRequests - rscmwdau_QueryDNSRequests - rscmwdau_ConfigureDAUState - rscmwdau_ConfigureIPerfClientParallelConnections - part of old rscmwdau_ConfigureIPerfClientUDPPerformance fucntion - rscmwdau_ConfigureIPerfClientBitRate - part of old rscmwdau_ConfigureIPerfClientUDPPerformance fucntion * Modified functions: - rscmwdau_ConfigureServiceState - added new services - rscmwdau_QueryIPv4AddressesCatalog - function redesigned - rscmwdau_QueryIPv4NetworkSettings - commands updated - rscmwdau_ConfigureIPv6AddressSetupMode - rscmwdau_ConfigureIPv6PrefixAdd - command update - rscmwdau_ConfigureIPv6PrefixDelete - command update - rscmwdau_ConfigureIPv6PrefixDeleteByIndex - command update - rscmwdau_QueryIPv6PrefixesCatalog - command update - rscmwdau_QueryFTPUsersCatalog - command update

rscmwdau driver for Data Application Unit		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- rscmwdau_DataAppMeasInit - rscmwdau_DataAppMeasAbort - rscmwdau_DataAppMeasStop - rscmwdau_QueryDataAppMeasStatus - rscmwdau_ConfigurePing - rscmwdau_QueryThroughputMeasurementPointsInterval * Obsolete functions: - rscmwdau_ConfigureIPv4DNSAddress
2.1.270	01/2012	Release for CMW firmware version 2.1.27.x * New functions: - rscmwdau_ConfigureIPerfPacketSize
2.1.100	11/2011	Release for CMW firmware version 2.0.11.x Initial revision

30 RScmwWXM - WiMAX Measurement (3.2.101)

rscmwwxm driver for WiMAX Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.2.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.2.100	08/2013	* Update for firmware version 3.2.100 * Modified - rscmwwxm_ConfigureMEvalMeasTrigger - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - command changed - rscmwwxm_StringIndex - fixed
3.0.120	05/2012	Modifications: * Revision changed to be aligned with firmware version. No other change.
2.0.110	05/2011	Release for CMW firmware version 2.0.11 Modifications: * Added - List Mode - rscmwwxm_ConfigureExternalAttenuation - rscmwwxm_ConfigureStandAloneScenario - rscmwwxm_QuerySignalRouting - rscmwwxm_QueryScenario - rscmwwxm_ConfigureMEvalMeasTimeout - rscmwwxm_ConfigureMEvalMeasTriggerMinimumGap - rscmwwxm_ConfigureMEvalMeasTriggerTimeout - rscmwwxm_FetchMEvalMeasPVT - rscmwwxm_FetchMEvalMeasSEM * Modified - rscmwwxm_ReadMEvalMeasACPAndSEM.vi - renamed to rscmwwxm_ReadMEvalMeasACP, SEM is no longer part of the command - rscmwwxm_FetchMEvalMeasACPAndSEM.vi - renamed to rscmwwxm_FetchMEvalMeasACP, SEM is no longer part of the command
1.0.150	12/2009	Release for CMW firmware version 1.0.15 Modified functions/attributes - rscmwwxm_ConfigureMEvalMeasParameters - changed API to implement new firmware features
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Rmoved functions/Attributes - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_INBAND_MEASUREMENT - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_FRAME_LENGTH - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_CYCLIC_PREFIX - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_SEGMENT - rscmwwxm_ConfigureMEvalMeasInbandMeasurement Added functions/attributes - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_SCENARIO_ACTIVATE - rscmwwxm_ConfigureScenario

rscmwwxm driver for WiMAX Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_OBW_PERCENT - rscmwwxm_ConfigureMEvalMeasOBWRatio - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_DIAGRAMS - rscmwwxm_ConfigureMEvalMeasDiagrams - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_STOP_CONDITION - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_MEASURE_ON_EXCEPTION - rscmwwxm_ConfigureMEvalMeasStopConditions - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_SCENARIO_ACTIVATE - rscmwwxm_ConfigureMEvalMeasACPScenario - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_CHECK_BURST_LENGTH - rscmwwxm_ConfigureMEvalMeasCaptureLength - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_OFFSET - rscmwwxm_ConfigureMEvalMeasTriggerOffset - rscmwwxm_ConfigureMEvalMeasLimitFrequencyError - rscmwwxm_ConfigureMEvalMeasLimitSampleClockError - rscmwwxm_ConfigureMEvalMeasLimitEVM - rscmwwxm_ConfigureMEvalMeasLimitIQOffset - rscmwwxm_ConfigureMEvalMeasLimitIQImbalance - rscmwwxm_ConfigureMEvalMeasLimitSpectrumFlatness - rscmwwxm_ConfigureMEvalMeasLimitCINR - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_LIMIT_SEM_MASK_RELATIVE - rscmwwxm_ConfigureMEvalMeasLimitSEMRelative - rscmwwxm_ConfigureMEvalMeasLimitSEMMask Modified functions/attributes - rscmwwxm_ConfigureMEvalMeasZone - removed Segment (RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_SEGMENT) - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_FFT_SIZE - converted to read-only - rscmwwxm_ConfigureMEvalMeasParameters - complete redesign because of deleted and modified attributes - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_LINK_MODE - added new values - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_LIMIT_SEM_TYPE - added new values - rscmwwxm_ConfigureMEvalMeasLimitSEMType - added new values - rscmwwxm_ReadMEvalMeasEVM - added new results - rscmwwxm_FetchMEvalMeasEVM - added new results - rscmwwxm_ReadMEvalMeasACPAndSEM - added new results - rscmwwxm_FetchMEvalMeasACPAndSEM - added new results
1.0.50	12/2008	Release for CMW firmware version 1.0.53 - Modified functions/attributes - rscmwwxm_ConfigureMEvalMeasTrigger - redesigned - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_TRIGGER_SOURCE - changed data type - New functions/attributes - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_LIMIT_SEM_TYPE - rscmwwxm_ConfigureMEvalMeasLimitSEMType
1.0.41	09/2008	Release for CMW firmware version 1.0.4 - Modified functions/attributes: - New rsidr_core version - fixed Rs_SpecificDriverNew - Removed remote display enable from default instrument setup - Fixed rscmwwxm_RsClose function

rscmwwxm driver for WiMAX Measurement		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		- Modified rcmwwxm_atof, rscmwwxm_atol
1.0.40	07/2008	Release for CMW firmware version 1.0.4 - Removed functions/attributes - rscmwwxm_ReadMEvalMeasSpectralFlatness, rscmwwxm_FetchMEvalMeasSpectralFlatness - to obtain spectral flatness results please use rscmwwxm_ReadMEvalMeasEVM respectively rscmwwxm_FetchMEvalMeasEVM - - Modified functions/attributes - rscmwwxm_ConfigureMEvalMeasZone - added control region length - Redesigned for better safety: rscmwwxm_ReadMEvalMeasEVM, rscmwwxm_FetchMEvalMeasEVM - - New functions/attributes - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_CONTROL_REGION_LENGTH - rscmwwxm_ConfigureMEvalMeasInbandMeasurement - RSCMWWXM_ATTR_MULTI_EVAL_MEASUREMENT_INBAND_MEASUREMENT - rscmwwxm_ReadMEvalMeasACPAndSEM - rscmwwxm_FetchMEvalMeasACPAndSEM
1.0.30	05/2008	Release for CMW firmware version 1.0.3 Modified Functions: rscmwwxm_ConfigureMEvalMeasZone (zone length range changed, removed PRBS ID) rscmwwxm_ConfigureMEvalMeasBurstsMap (removed Rect. Symbol Offset)
1.0.20	04/2008	Release for CMW firmware version 1.0.2 Modified Functions: rscmwwxm_ConfigureAnalyzer (expected nominal power, center frequency range changed) rscmwwxm_ConfigureMEvalMeasParameters (downlink added, removed Number of Symbols) rscmwwxm_ConfigureMEvalMeasZone (zone length range changed, removed number of bursts) rscmwwxm_ConfigureMEvalMeasBurstsMap (complete reimplementation) rscmwwxm_ReadMEvalMeasEVM, FetchMEvalMeasEVM (added EVM All Carriers result readout)

31 RScmwWXS - WiMAX Signaling (3.2.101)

rscmwwxs driver for WIMAX Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
3.2.101	03/2016	* Updated attributes: - RS_ATTR_OPC_CALLBACK - data type changed to Address - RS_ATTR_CHECK_STATUS_CALLBACK - data type changed to Address
3.2.100	09/2013	* Update for firmware version 3.2.100 * Modified - rscmwwxs_ConfigureStandardCellScenario - RX Converter - only RX 1 - TX Converter - only TX 1 - rscmwwxs_QuerySignalRouting - RX Converter - only RX 1 - TX Converter - only TX 1
3.0.120	06/2012	Modifications: * Update for firmware version 3.0.10 * New functions/attributes - rscmwwxs_ConfigurePERStopCondition - rscmwwxs_ConfigureTXDigitalIQFadingPath - rscmwwxs_FetchPERLostAndRetransmittedFrames - rscmwwxs_ConfigureStandardCellScenario - rscmwwxs_ConfigureTXDLMIMOScenario * Modified - RSCMWWXS_ATTR_GENERATOR_OUTPUT_CONNECTOR - changed command - rscmwwxs_ConfigureFrameTrigger - help changed - rscmwwxs_ConfigurePulseFrameTrigger - help changed - rscmwwxs_QuerySignalRouting - more scenarios
2.0.110	05/2011	Release for CMW firmware version 2.0.11 Modifications: * Added - Service Flows - Cell Reselection - rscmwwxs_Deregister - rscmwwxs_ConfigureInitiatePeriodicRanging - rscmwwxs_ConfigureSecondZoneDownlinkSymbolOffset - rscmwwxs_SleepState - rscmwwxs_HandoverState - rscmwwxs_IdleState - rscmwwxs_QuerySignalRouting * Modified - CQICH Measurement completely redesigned - Trigger redesigned, added "second trigger" - PER Settings completely redesigned - RSCMWWXS_ATTR_INPUT_CONNECTOR - changed command - rscmwwxs_ConfigureDownlinkTraffic - added Dummy Data, changed Modulation Rate - rscmwwxs_ConfigureDownlinkManagementBurstUCD - changed interface - rscmwwxs_ConfigureUplinkTrafficBurst - changed interface * Removed - RSCMWWXS_ATTR_UL_HARQ_ACK_DELAY - RSCMWWXS_ATTR_UL_HARQ_STATE - rscmwwxs_ConfigureUplinkTrafficHARQ
1.0.150	12/2009	Release for CMW firmware version 1.0.10.1

rscmwwxs driver for WIMAX Signaling		
Driver history for LabWindows/CVI and VXIplug&play driver		
Instruments: CMW500		
Revision	Date	Note
		Added functions/attributes - Second RF Channel and MIMO support - Pulse Frame Trigger - First Zone definition - Ranging Response Settings - PER CRC Settings - rscmwwxs_ConfigureAWGNSignal - rscmwwxs_InitiateNextConnectionStep - rscmwwxs_ConfigureSecondZoneUplinkSymbolOffset - rscmwwxs_ConfigureIPv4DLsubframe Modified functions/attributes - rscmwwxs_ConfigureSignalInit - added new parameters - rscmwwxs_ConfigureMSPowerControl - added new parameters
1.0.100	07/2009	Release for CMW firmware version 1.0.10.1 Removed functions/Attributes - RSCMWWXS_ATTR_PER_SUBCHANNEL_OFFSET - RSCMWWXS_ATTR_PER_SYMBOL_OFFSET - RSCMWWXS_ATTR_PER_NUMBER_OF_SUBCHANNELS - RSCMWWXS_ATTR_PER_NUMBER_OF_SYMBOLS - RSCMWWXS_ATTR_PER_MODULATION_CODING_RATE - rscmwwxs_ConfigurePERDataBurst Added functions/attributes - Downlink Traffic subsystem - Second Zone Definition subsystem (with CMW-KS701 only) - Trigger subsystem - IPv4 Settings subsystem - Connection Status subsystem - RSCMWWXS_ATTR_UL_HARQ_STATE - RSCMWWXS_ATTR_UL_HARQ_ACK_DELAY - rscmwwxs_ConfigureDownlinkBurstDLFTPowerBoost Modified functions/attributes - RSCMWWXS_ATTR_INPUT_EXTERNAL_ATTENUTATION - changed command - RSCMWWXS_ATTR_SIGNAL_INIT_FFT_SIZE - changed to read only - RSCMWWXS_ATTR_POWER_CONTROL_GAIN_VALUE - changed command - RSCMWWXS_ATTR_GENERATOR_TX_POWER_DATA_CARRIER - changed command - RSCMWWXS_ATTR_PER_DATA_INTERVAL - changed command - rscmwwxs_ConfigureUplinkTrafficBurst - new MCRs - RSCMWWXS_ATTR_UL_TRAFFIC_BURST_MODULATION_CODING_RATE - new MCRs - rscmwwxs_ConfigurePERSettings - removed Modulation Coding Rate
1.0.60	08/2008	Release for CMW firmware version 1.0.6 Initial revision

About Rohde & Schwarz

Rohde & Schwarz is an independent group of companies specializing in electronics. It is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation, as well as secure communications. Established more than 80 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

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