

History and release notes for the Rohde&Schwarz FSE spectrum analyzers FSEA, FSEB, FSEK, FSEM, FSIQ and for EMI Test Receiver ESIB

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History for FSEA, FSEB, FSEK, FSEM, FSIQ and for EMI Test Receiver ESIB		
Revision	Date	Note
3.6.7	09/2007	Modifications - Fixed DLL - added missing function exports and type library
3.6.6	06/2006	Modifications Only for FSx NT Software - Set GPIB Repeat Addressing OFF (In NI Max 4.x it is not possible to switch Repeat Addressing manually OFF) - Not possible for Agilent VISA (Attribute is missing)
3.6.5	04/2005	Modifications - Code maintenance: - I/O conversion specification fixed: Input: "%le" for ViReal64, "%ld" for ViInt32, "%hu" for ViBoolean Output: "%.12f" for ViReal64, "%ld" for ViInt32, "%hu" for ViBoolean - System locale are set to default "C"
3.6.4	01/2004	Modifications: - Fixed function rsfsex_actSAMCPSet, missing adjust parameter
3.6.3	06/2003	Modifications: - For Agilent VISA Version L01 or higher and Agilent GPIB board added "\n" in I/O functions
3.6.2	04/2003	Modifications: - Added new Help for LabVIEW This driver supports the options: B5 ,B7-B13, B21, K10, K11, K20, K21, K30, K31, FSIQ-K70, FSIQ-K71, FSIQ- K72, FSIQ- K73, ESIB-B
3.6.1	04/2003	Modifications: -Fixed for use in earlier versions of VISA without TCPIP support This driver supports the options: B5 ,B7-B13, B21, K10, K11, K20, K21, K30, K31, FSIQ-K70, FSIQ-K71, FSIQ- K72, FSIQ- K73, ESIB-B
3.6	01/2003	Modifications: - Included support for RSIB interface - Read Trace I/Q Data (rsfsex_dataReadTraceIQ) - Code cleanup - removed unreferenced variables This driver supports the options: B5 ,B7-B13, B21, K10, K11, K20, K21, K30, K31, FSIQ-K70, FSIQ-K71, FSIQ- K72, FSIQ- K73, ESIB-B
3.5	03/2002	Modifications: - Driver update Added support for latest versions of firmware and for new options FSE-K30, FSE-K31 and FSIQ-K73. - Changed functions: Channel Power Standard (confSAMMarkChPowChanStandard) BTS Power Settings (confBTSPower) MS Power Settings (confMSPower) GSM Spectrum Mod Range (confGSModRange) Configure WCDP Measurement (confWCDPMeas) WCDP Measurement Mode (confWCDPMeasMode) CDP Set to Standard (confCDPSetStd)

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		<p>CDP Inactive Channel Treshold (confCDPICT) CDP Side Band (confCDPSBand) CDP Fast Mode (confCDPFastMode) CDP Spreading Factor (confCDPSFactor) CDP Code Number (confCDPCodeNum) CDP CPICH Slot (confCDPSlot) CDP Scrambling Code (confCDPLCode) CDP Normalize (confCDPNormalize) Memory Select Items (actMemSel) BTS Set ARFCN (actBTSARFCN) MS Set ARFCN (actMSARFCN) BTS Default Settings (actBTSNetwork) MS Default Settings (actMSNetwork) Get Burst Limit Check (actGSMBurstLimit) CDP Level Auto Adjust (actCDPAutoAdj) CDP Marker To (actCDPMarkTo) Get CDP Crest Factor (actCDPMarkCrest) Read WCDMA Trace Data (dataReadTraceWCDMA) Read ABIT Stream Data (dataReadABIT) Read Burst Power (dataReadPower) Fetch Burst Power (dataFetchPower)</p> <p>- New Functions:</p> <p>Trace Averaging Method (confTraceAveMethod) Trace ASCII Comment (confTraceComment) Modulation Summary Units (confVSAMSumSetUnits) GSM Burst Phase Freq Condition (confGSMPFerCond) Configure WCDPower MS Meas (confWCDPMSMeas) CDP Preference (confCDPPref) CDP Sync Type (confCDPSyncType) CDP Signal Mapping (confCDPSigMap) CDP Antenna Type (confCDPAntennaType) WCDP Channel Table Name (confWCDPChTableName) WCDP Channel Table Copy (confWCDPChTableCopy) WCDP Channel Table Delete (confWCDPChTableDelete) WCDP Channel Table Restore (confWCDPChTableRestore) WCDP Channel Table Comment (confWCDPChTableComment) WCDP Channel Table Data (confWCDPChTableData) WCDP Channel Table Catalog (confWCDPChTableCatalog) WCDP MS Channel Table (confWCDPMSChTable) WCDP MS Channel Table File (confWCDPMSChTableFile) WCDP MS Channel Table Name (confWCDPMSChTableName) WCDP MS Channel Table Copy (confWCDPMSChTableCopy) WCDP MS Channel Table Delete (confWCDPMSChTableDelete) WCDP MS Channel Table Comment (confWCDPMSChTableComment) WCDP MS Channel Table Data (confWCDPMSChTableData) WCDP MS Channel Table Catalog (confWCDPMSChTableCatalog) Stat Measurement Samples (confStatMeasSamples) Stat Measurement Scaling (confStatMeasScal) Stat Percent Marker (confStatPercentMkr) SEM Limit Line (confSEMLimitLine) Get Activated Limit Lines (actLimitLinesAct) WCDPower Mode (actWCDPMSMode) Get WCDP MS Measurement (actWCDPMSMarkMeas) Read WCDP Trace Data (dataReadTraceWCDP) Read Burst Status Values (dataReadBurstStatus) Read Burst Power Individual (dataReadPowerInd) Fetch Burst Status Values (dataFetchBurstStatus)</p>

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Revision	Date	Note
		Fetch Burst Power Individual (dataFetchPowerInd) Fetch Spectrum Reference (dataFetchSpectrumRef) Fetch PTemplate Reference (dataFetchPTemRef) Firmware Update (firmwareUpdate)

LabWindows/CVI

Additional Help

The LabWindows/CVI instrument driver consists of a ZIP archive containing the driver sources. In addition, the instrument driver documentation is also included in compressed HTML format (Windows CHM help file) and stored together with the driver sources.

VXIplug&play Instrument Driver for VEE, Visual Basic, Visual C++, Borland C++ etc.

Additional Help

In addition, the instrument driver documentation is also included in compressed HTML format (Windows CHM help file) and stored together with the driver sources in the ~\VXI\pnp\WinNT\rsfsex directory.

Additional Information

For more information regarding the VXIPnP instrument drivers, please read the readme.txt file that comes with each driver.

Remote control via LAN

This driver also supports remote control via LAN. For more information see application note [1EF47](#)