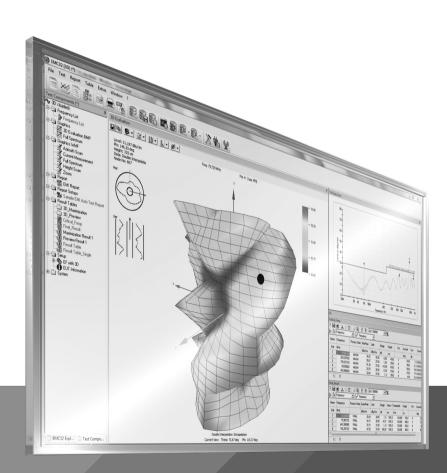
R&S®EMC32 EMC MEASUREMENT SOFTWARE

Specifications



Data Sheet Version 13 00



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Software version

The following specifications are valid for software version 10.60.10

User interface languages

The following user interface languages are supported in R&S®EMC32 version 10.60.10: English, German, French, Spanish, Chinese, Russian, Japanese

System requirements ¹

Operating system	Windows 10 (64 bit),	
	Windows 7 (32/64 bit)	
CPU	Intel Core models or compatible models with a core speed > 2.4 GHz	
Free RAM	≥ 4 Gbyte	
Free hard disk space	≥ 1 Gbyte, usage of SSD recommended	
Graphics resolution	≥ 1280 x 1024 pixel, 65536 colors (higher resolution strongly recommended)	
Network	100 Mbit LAN interface	
National Instrument VISA I/O Library	Version 17.0 or later,	
•	optional NI GPIB interface cards: NI only, compatible GPIB cards from other	
	manufactures are not supported	
Open source acknowledgement	The R&S®EMC32 measurement software contains open source software packages.	
	Copies of the respective licenses are included in the R&S®EMC32 measurement	
	software open source acknowledgement. Please refer to the download area at	
	www.emc32.rohde-schwarz.com	

Base software packages

R&S®EMC32-EB, R&S®EMC32-MEB EMI measurement software for conducted and radiated emissions

Standards	examples	CISPR
	·	EN
		ETSI
		FCC
		VCCI
		VDE
		MIL-STD-461
		DEF-STAN
Key features		

¹ If your PC does not meet these requirements, the performance of the software may be impaired.

Supported devices ²	test receivers	R&S®ESW
		R&S®ESU
		R&S®ESR
		R&S®ESRP
		R&S®ESCI
		R&S®ESPI
		R&S [®] ESL
		R&S®ESIB
		R&S®ESCS
		R&S®ESS
		R&S®ESPC
		R&S®ESHS/R&S®ESVS
		R&S®ESAI/R&S®ESBI/R&S®ESMI
		R&S®FSWT
		R&S®FSET
		R&S®ESN/R&S®ESVN
	anastrum analyzara	R&S®FSW
	spectrum analyzers	
		R&S®FSV
		R&S®FSU
		R&S®FSP
		R&S®FSL
		R&S®FS300 (only 32 bit Windows)
		R&S®FSEA/R&S®FSEB/R&S®FSEM/
		R&S®FSEK
	antenna masts and turntables	generic tripod
		Deisel HD100
		Innco CO2000
		Innco CO3000 incl. tilt with TPMP
		EMCO/ETS 2090
		ETS EMCENTER
		Frankonia FCTAM01/04/05
		Schaefer HCM/HCT
		SUNOL
		Maturo controller NCD, MCU, FCU
		generic mast/turntable
		Orbit/FR turntable
		R&S®DST200 positioner
	slide bars	Deisel / Maturo MCU, FCU
		Innco
		Schaefer HCA/RSA
	switch units	R&S®OSP
		R&S®TS-RSP
		R&S [®] SCIU
		R&S®RSU
		R&S®BBA100
		Teseo OAM01/OAM02
		Bonn RSU
		ADAM 6060
		generic switch unit
	signal generators	R&S®AM300 (only 32 bit Windows)
		R&S®SMG/H/Y
		R&S®SME
		R&S®SMT/R&S®SMP
		R&S®SML/R&S®SMV
		R&S®SMR
		R&S®SMA100A/B
		R&S®SMB100A/B
		R&S®SMC100A
		R&S®SMBV100A
		DX COCIVII ISUUV
		R&S®SMU200A
		R&S®SMJ100A

Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

R&S®EMC32-S, R&S®EMC32MS EMS measurement software for conducted and radiated susceptibility

Standards	examples	IEC/EN 61000-4-3	
		IEC/EN 61000-4-6	
		IEC/EN 61000-4-20	
		CISPR 24/EN 55024	
		EN 60601-1-2	
		EN 60601-2-x	
Key features	 measurement of radiated and 	conducted susceptibility	
•	 use in product certification an 		
	 in line with commercial, auton 	notive and military standards	
	 flexible adaptation to requiren 	nents of various EMC applications	
	 fully automatic control of EMS 	S test system components	
	 integrated calibration concept 		
	 various capabilities for EUT m 	nonitoring and EUT stimulation	
	 interface to external EUT mor 	nitoring software	
	 flexible report generator (HTN) 	/IL, RTF, PDF)	
	 EUT-specific or application-specific 	pecific test storage and data management	
	software operates as a virtual		
Supported devices 3	signal generators	R&S®AM300 (only 32 bit Windows)	
		R&S®SMG/R&S®SMH/R&S®SMY	
		R&S®SME	
		R&S®SMT/R&S®SMP	
		R&S®SML/R&S®SMV	
		R&S®SMR	
		R&S®SMA100A/B	
		R&S®SMB100A/B	
		R&S®SMB100B	
		R&S®SMC100A	
		R&S®SMBV100A	
		R&S®SMU200A	
		R&S®SMJ100A	
		R&S®SMF100A	
		R&S [®] SM300 (only 32 bit Windows) R&S [®] HMF2525	
		HM8134	
		HM8135	
	power meters	R&S®NRP2	
		R&S®NRQ6	
		R&S®NRP	
		R&S®NRP-Zxx	
		R&S®NRPxx-S(N)	
		R&S®NRVD	
		R&S®NRVS	
		R&S®NRX	
		R&S®URV5/R&S®NRV/R&S®URY	
		R&S®URE3/R&S®URE2/R&S®URE	
		Gigatronics 8650	
		Agilent E4417/4412A/4413A	
		HP8508	
	test receivers	R&S®ESW	
		R&S®ESU	
		R&S®ESR	
		R&S®ESRP	

³ Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

Our manufacture de des de care		D 0 0 0 0 0 0 0 0
Supported devices		R&S®ESCI
		R&S®ESPI
		R&S®ESL
		R&S®ESIB
		R&S®ESCS
		R&S®ESS
		R&S®ESPC
		R&S®ESHS/R&S®ESVS
		R&S®ESAI/R&S®ESBI/R&S®ESMI
		R&S®ES(V)N
		R&S®FSWT
		R&S®FSET
	spectrum analyzers	R&S®FSW
		R&S®FSV
		R&S®FSU
		R&S®FSP
		R&S®FSL
		R&S®FS300 (only 32 bit Windows)
		R&S®FSEA/R&S®FSEB/R&S®FSEM/
		R&S®FSEK
	amplifiers	R&S®BBA100
	ampilliers	R&S®BBA130
		R&S®BBA150
		R&S®BBL200
		Bonn BLWA
		Bonn BLMA
		Bonn BTA
		Bonn BSA
		AR (SCIU controlled)
		AR (TSRSP controlled)
		AR TxGx
		generic amplifier
	switch units	R&S®OSP
		R&S®TS-RSP
		R&S®SCIU
		R&S®RSU
		R&S®BBA100
		Teseo OAM01/OAM02
		Bonn RSU
		ADAM 6060
		generic switch unit
	field sensors	AR IF7000
	IICIQ SCIISUIS	ETS HI6100
		Holaday IF4000
		AR FA72xx
		AR FM2000
		AR FM5004
		AR FM7004
		AR FI7000

Supported devices ⁴	field sensors	AR IF4000
Supported devices	Held Sellsols	ETS HI6xxx
		AR IF-4456
		Narda EMR-200
		Narda EMC-300
		Narda NBM 520/550/580
		PMM ELIP 200
		PMM EHP-200
		PMM OR03
		PMM 8053
		Wandel & Goltermann WG20
		Dare RadiSense/RadiCentre
		IFI EFS-6
		Wavecontrol SMP2
		Generic field probe (e.g. Lumiloop LSPROBE 1.2)
	EUT monitoring	generic monitoring
		CE-SYS CECAM
		external PC monitoring
		mk-messtechnik video inserter
		Voelker SVG video inserter
		National Instruments USB 6009
		meM-ADfo
		USB-AD16f
		memM-PIO USB I/O
		R&S®RTO
		R&S®RTM
		R&S®RTE
		R&S®UPL
		R&S®UPV
		R&S®UPP200/R&S®UPP400/
		R&S®UPP800
	antenna masts and turntables	generic tripod
	antonna madio ana tamabioo	Deisel HD100
		Innco CO2000/CO3000 incl. Tilt with
		TMPM
		Dare Radicenter
		EMCO 2090
		ETS 2090
		ETS EMCenter
		Frankonia FCTAM01/04/05
		Schaefer HCM/HCT SUNOL
		Maturo Controller MCU, NCD, FCU
		generic mast/turntable
		Orbit/FR turntable
		R&S®DST200 positioner
	interlock devices	R&S®TS-RSP
		R&S®SCIU
		Bonn Amplifier
		meM-PIO USB-I/O
		R&S®OSP
		R&S®BBA100
		R&S®BBA150

⁴ Please check the R&S[®]EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

Options

R&S®EMC32-K1, R&S®EMC32MK1 EMS measurements in line with automotive and military standards

Required R&S®EMC licenses		R&S®EMC32-S	
Standard	examples	ISO 11451	
	,	ISO 11452	
		MIL-STD-461E/F, CS114	
		MIL-STD-461E/F, RS103	
		RTCA DO 160 G	
		SAE J1113	
		SAE J551	
		2004/104 EC	
		ECE 10 revision 3	
		car manufacturer standards	
Key features	monitoring of automotive bus systemautomatic determination of immunity	 enhanced EMS level functions monitoring of automotive bus systems (CAN, LIN, MOST, FlexRay™) automatic determination of immunity thresholds direct power injection measurements TEM cell attenuation measurement 	
Supported devices ⁵	arbitrary generators	R&S®AM300 (only 32 bit Windows)	
		R&S®SMA100A pulse train option	
		R&S®SMB100A pulse train option	
		R&S®SMF100A pulse train option	
		R&S®HMF2525, R&S®HMF2550	
		Agilent 33220A/33250A	
		Tektronix AFG320	
	EUT monitoring via R&S EMCAN32	Vector CANoe (V11)	
		Vector CANalyzer (V11)	

R&S®EMC32-K2, R&S®EMC32MK2 RSE and ABT measurements on wireless devices

Required R&S®EMC32 licenses		R&S®EMC32-S and/or R&S®EMC32-EB
Standard	examples	ETSI EN 301489-x
		ETSI EN 300607
Key features	 radiated spurious emission (F 	
	 audio breakthrough (ABT) me 	easurements
	support of filter bankssupport of all major wireless technologies	
Supported devices 5		R&S®CMW500
		R&S®OSP-Fxxx
	R&S®CMU200 ⁶	
		R&S®CBT32 ⁶
		R&S®PTW70 ⁶

⁵ Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

⁶ Discontinued product.

R&S®EMC32-K3, R&S®EMC32MK3 EMS measurements in reverberation chambers (mode-tuned method)

Required R&S®EMC32 licenses		R&S®EMC32-S, R&S®EMC32-K4	
Standard	examples	IEC/EN 61000-4-21	
		Ford ES-XW7T-1A278-AC	
		GMW3097	
		RTCA DO160	
		MIL-STD-461E/F	
Key features	 calibration of reverberati 	calibration of reverberation chamber (loaded and unloaded)	
	EUT check		
	EUT test		
Supported devices ⁷		tuner devices and turntable drivers	
		(see R&S®EMC32-EB/R&S®EMC32-S)	

R&S®EMC32-K4, R&S®EMC32MK4 EMS auto test

Required R&S®EMC32 licenses	R&S®EMC32-S	
Key features	 sequential EUT tests with several parameters (loops) several modulation modes several turntable positions several antenna polarizations 	
Supported devices ⁷	field probe positioning devices	TDK PP02 TDK SI200
		Innco FSM2315
		Innco FSM916
		Beckmann Probotic
		Maturo FPP

R&S®EMC32-K6, R&S®EMC32MK6 EMS measurements (CS103, CS104, CS105)

Required R&S®EMC32 licenses		R&S®EMC32-S, R&S®EMC32-K1
Standards		MIL-STD-461E/F, CS103, CS104, CS105
Key features	receiver sensitivity measurements	

R&S®EMC32-K7, R&S®EMC32MK7 generic device drivers

Required R&S®EMC32 licenses		R&S®EMC32-S and/or R&S®EMC32-EB
Key features	support of third-party instruments	
Supported devices 7	signal generators	generic generator
	power meters	generic power meter
	oscilloscopes (for EUT monitoring)	generic oscilloscope
	spectrum analyzers	generic analyzer
	test receivers	generic receiver

R&S®EMC32-K8, R&S®EMC32MK8 interface to lab management systems

Required R&S®EMC32 licenses	R&S®EMC32-S and/or R&S®EMC32-EB	
Key features	interface to dacore LabMan RS lab management software	
	interface to other products on request	
Supported devices 7	dacore LabMan RS	

Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

R&S®EMC32-K10, R&S®EMC32MK10 EMI autotest

Required R&S®EMC32 licenses		R&S®EMC32-EB	
Key features	 test sequence for fully automa 	test sequence for fully automatic, reproducible EMI measurements	
	 preview measurement, data re 	preview measurement, data reduction and determination of critical frequencies	
	 system check 	system check	
	 stop/continue autotest flow 	stop/continue autotest flow	
	 automatic report generation 	automatic report generation	
Supported devices 8	spectrum analyzers	generic analyzer	
	test receivers	generic receiver	

R&S®EMC32-K10A

EMI autotest extension for spurious measurements

Required R&S®EMC32 licenses	R&S®EMC32-EB and EMC32-K10	
Key features	 extension to perform the spurious measurements in line with EN 300328, 	
	EN 301893 and EN 302502	

R&S®EMC32-K11, R&S®EMC32MK11 test sequencer

Required R&S®EMC32 licenses	R&S®EMC32-S and/or R&S®EMC32-EB	
Key features	sequential test runs for both EMI and EMS measurements	
	test plan for different categories	
	individual and comprehensive reports in line with customer requirements	

R&S®EMC32-K21, R&S®EMC32MK21 application interface

Required R&S®EMC32 licenses	R&S®EMC32-S and/or R&S®EMC32-EB	
Key features	automation of additional measurements using EMC test system	
	intuitive macro language for test sequence control with	
	 mathematical operations 	
	 call of subprograms; access to remote interface (GPIB, LAN) 	
	 use as standalone test, action or EUT monitoring device 	

R&S®EMC32-K22, R&S®EMC32MK22 azimuth chart

Required R&S®EMC32 licenses	R&S [®] EMC32-EB	
Key features	measurement of radiation pattern (2D)	
	display as polar diagram (azimuth chart)	
	passive antenna measurement	

R&S®EMC32-K23, R&S®EMC32MK23 3D result evaluation

Required R&S®EMC32 licenses	R&S®EMC32-EB, R&S®EMC32-K10	
Key features	evaluation of preview and/or maximization results of radiated OATS measurements	
	3D chart (cylindrical coordinate characterization) for a specific frequency	
	easy chart generation using drag & drop	
	interactive rotation of chart	
	smooth scaling, zooming and interpolation	
	display of horizontal and vertical cuts	

⁸ Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

R&S®EMC32-K24, R&S®EMC32MK24 interactive EMI auto test

Required R&S®EMC32 licenses	R&S®EMC32-EB, R&S®EMC32-K10	
Key features	interactive verification of critical frequencies and final measurement results	
	 repetition of auto test measurement steps for selected frequencies 	

R&S®EMC32-K251, R&S®EMC32MK251 RSE and ABT measurements on TD-SCDMA devices

Required R&S®EMC32 licenses		R&S®EMC32-S and/or R&S®EMC32-EB, R&S®EMC32-K2, R&S®EMC32-K10	
Standard	examples	ETSI EN 301489	
		ETSI EN 300607	
Key features	measurement on TD-SCDMA devices	measurement on TD-SCDMA devices	
Supported devices 9		R&S®CMW500	

R&S®EMC32-K26, R&S®EMC32MK26 RSE and ABT measurements on LTE devices

Required R&S®EMC32 licenses		R&S®EMC32-S and/or R&S®EMC32-EB, R&S®EMC32-K2, R&S®EMC32-K10
Standard	examples	ETSI EN 301489
		ETSI EN 300607
Key features	measurement on LTE devices	
Supported devices 9		R&S®CMW500
		R&S®OSP with R&S®OSP-B155

R&S®EMC32-K27, R&S®EMC32MK27 dual receiver measurement

Required R&S®EMC32 licenses		R&S®EMC32-EB, R&S®EMC32-K10	
Standards		all commercial EMI standards	
Key features	 reduced measurement time versatile measurement modes automatic antenna angle offset separate receivers for antennas 	versatile measurement modesautomatic antenna angle offset	
Supported devices ⁹	Two receivers of the same product line required. Examples: R&S®ESW8 and R&S®ESW44 or R&S®FSV4 and R&S®FSV40	refer to R&S®EMC32-EB	

⁹ Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

R&S®EMC32-K33, R&S®EMC32MK33 EMI measurements in reverberation chambers (mode-tuned method)

Required R&S®EMC32 licenses		R&S®EMC32-EB and R&S®EMC32-K10	
Standard	examples	EN 61000-4-21 annex E	
Key features	calculation and display of the DU strength optional data reduction to mark of	ent tuner steps in defined frequency subranges JT's radiated power and estimated free-space field critical frequencies compared to limit line and DUT check data from R&S®EMC32-K3	
Supported devices ¹⁰		tuner devices and turntable drivers (see R&S®EMC32-EB/R&S®EMC32-S)	

R&S®EMC32-K35, R&S®EMC32MK35 EMS measurements on multimedia receivers

Required R&S®EMC32 licenses		R&S®EMC32-S and R&S®EMC32-K35 11
Standard		CISPR 35
Key features	 control of broadcast generators automatic adaptation of immunity shape taking into account tuner frequency range, tuned channel and spot tests sound reference measurement 	
Supported devices ¹⁰		R&S®BTC R&S®SFE/R&S®SFE100, R&S®SFU, R&S®VTC, R&S®VTE, R&S®VTS, R&S®DVSG

R&S®EMC32-K37, R&S®EMC32MK37 EMS autotest: extension for sequences of multimedia tests

Required R&S®EMC32 licenses	R&S®EMC32-S, R&S®EMC32-K4, R&S®EMC32-K35
Key features	 extension to perform sequences of multimedia tests on broadcast receivers in line with CISPR 35 (R&S®EMC32-K35) sequential EUT tests with several parameters (loops) multimedia test type (audio or display), multimedia broadcast channel (as supported by the selected broadcast generator instrument) multimedia test port (as defined in the selected EUT Information file)

R&S®EMC32-K48, R&S®EMC32MK48 shielding effectiveness test

Required R&S®EMC licenses		R&S [®] EMC32-S, R&S [®] EMC32-K4	
Standard	examples	IEEE 299	
		MIL-STD-285	
		MIL-STD-188-125-1	
		BS EN 50147-1	
		ASTM D4935-10	
		IEC 62153-4-6	
		other standards similar to the above	
Key features	 automatic settings for optimi 	ized dynamic range	
	 automatic settings for signal 	I generation	
	 control switching of signal get 	control switching of signal generators and antennas	
	 display of real time shielding 	 display of real time shielding effectiveness test results 	
	 automatic report generation 	automatic report generation	

¹⁰ Please check the R&S®EMC32 installation CD for the operating system and the required firmware versions of the test instruments. Support of other devices on request.

¹¹ Some EMI measurements in line with CISPR 32 using R&S®EMC32-EB are also supported.

R&S®EMC32-K51, R&S®EMC32MK51 EMI band evaluation

Required R&S®EMC32 licenses		R&S®EMC32-EB	
Standard	examples	Ford ES-XW7T-1A278-AC	
		GMW 3091	
		GMW 3097	
Key features	on-board EMI measurement s	on-board EMI measurement sequence in broadband and communications frequency	
	bands for automotive and aero	bands for automotive and aerospace applications	

R&S®EMC32-K52, R&S®EMC32MK52 Limit line based measurement sequence

Required R&S®EMC32 licenses	R&S®EMC32-EB, R&S®EMC32-K51	
Standard	various automotive manufacturers'	
	standard	
Key features	evaluation of measurement result against several, overlapping limit lines	
	reference lines for comparison of measurement results to previous measurements	
	or reference measurements	

R&S®EMC32-K56, R&S®EMC32MK56 EMI measurements on transmitters (in transmit mode)

Required R&S®EMC32 licenses		R&S®EMC32-EB, R&S®EMC32-K10
Standard	examples	MIL-STD-461E/F/G, CE106
		MIL-STD-461E/F/G, RE103
Key features	 preview measurement with determination automatically or via operator input calculation and display of required limit on harmonics number optional data reduction to mark critical f 	line with increased margin level depending

R&S®EMC32-K61

device driver for compact conducted susceptibility tester

Required R&S®EMC32 licenses	R&S®EMC32-S, R&S®EMC32-K1 for	
	automotive testing	
Key features	 support for controlling internal RF generator, power meter, amplifier and switching unit 	
	 support for measurements in line with EN 61000-4-6 (R&S®EMC32-S) support for measurement in line with ISO 11452-4 (BCI) (requires R&S®EMC32-K1) 	
Supported devices	emtest CWS500N2 (firmware 3.22a03) via USB or GPIB	

R&S®EMC32-K84, R&S®EMC32MK84 report interface to word processing apps

Required R&S®EMC32 licenses	R&S®EMC32-S and/or R&S®EMC32-EB	
Key features	summary test report over a test session for a single EUT	
	 report based on Word .dotx files referencing R&S®EMC32 report components via 	
	field text commands	
	 main report section with test summary table 	
	 sub reports based on application specific sub report templates .dotx 	
	 easy selection of tests to be included in the summary report 	
	 single test report extension to output report as a Word .docx file 	

R&S®EMC32-K974

remote control interface for R&S®EMC32, R&S®AMS32 and R&S®WMS32

Required R&S®EMC32 licenses		R&S®EMC32-EB and/or R&S®EMC32-S
Key features	load test	
	start test	
	stop test	
	pause test	
	save test	

Software upgrade options

R&S®EMC32-U9E

option for upgrade of emission base software to version 9.xx and 10.0

Key features	•	 upgrade from R&S®EMC32-EB/R&S®EMC32-E/ 	
		R&S®EMC32-E+ version 8.xx or lower to version 9.xx and 10.0	
	•	R&S®EMC32-U9E is shipped as a key code	

R&S®EMC32-U9S

option for upgrade of susceptibility base software to version 9.xx and 10.0

Key features	upgrade from R&S®EMC32-S version 8.xx or lower to
	version 9.xx and 10.0
	R&S®EMC32-U9S is shipped as a key code

R&S®EMC32-UP9

option for upgrade of emission and susceptibility base software to version 9.xx and 10.0

Key features	 upgrade from R&S®EMC32-A/R&S®EMC32-A+/R&S®EMC32-C/R&S®EMC32-W+
	version 8.xx or lower to version 9.xx and 10.0

R&S®EMC32-K90

1 year EMI software upgrade service (software maintenance)

Prerequisites	R&S®EMC32-EB, R&S®EMC32MEB (or legacy EMI base license) with upgrade to version 9 and 10 (R&S®EMC32-U9E)	
Key features	 allows users to run version 11 and future software versions with their R&S®EMC32-EB (and legacy EMI licenses), when version 11 and the future software version is released during the validity period of the R&S®EMC32-K90 software options (Kxx) are automatically covered with R&S®EMC32-K90 R&S®EMC32-K90 is shipped as a key code 	

R&S®EMC32-K91

1 year EMS software upgrade service (software maintenance)

Prerequisites	 R&S®EMC32-S, R&S®EMC32-MS with upgrade to version 9 and 10 (R&S®EMC32-U9S)
Key features	 allows users to run version 11 and future software versions with their R&S®EMC32-S, when version 11 and the future software version is released during the validity period of the R&S®EMC32-K91 software options (Kxx) are automatically covered with R&S®EMC32-K91 R&S®EMC32-K91 is shipped as a key code

Ordering information

Designation	Туре	Order No.
Base software		
EMI measurement software, for conducted and radiated emissions	R&S®EMC32-EB	1300.7010.02
EMS measurement software, for conducted and radiated susceptibility	R&S®EMC32-S	1119.4638.02
Options		·
EMS measurements in line with automotive and military standards	R&S®EMC32-K1	1147.5493.02
RSE and ABT measurements on wireless devices	R&S®EMC32-K2	1147.5506.02
EMS measurements in reverberation chambers (mode-tuned method)	R&S®EMC32-K3	1147.5512.02
EMS auto test	R&S®EMC32-K4	1147.5529.02
EMS measurements (CS103, CS104, CS105)	R&S®EMC32-K6	1147.5541.02
Generic device drivers	R&S®EMC32-K7	1144.5134.02
nterface to lab management systems	R&S®EMC32-K8	1117.7652.02
EMI auto test	R&S®EMC32-K10	1117.6840.02
EMI auto test extension for spurious measurements	R&S®EMC32-K10A	1527.1050.02
Test sequencer	R&S®EMC32-K11	1117.6862.02
Application interface	R&S®EMC32-K21	1117.7630.02
Azimuth chart	R&S®EMC32-K22	1117.7646.02
BD Result evaluation	R&S®EMC32-K23	1504.9190.02
nteractive EMI auto test	R&S®EMC32-K24	1518.3202.02
RSE and ABT measurements on TD-SCDMA devices	R&S®EMC32-K251	1520.5250.02
RSE and ABT measurements on LTE devices	R&S®EMC32-K26	1518.1739.02
Dual receiver measurement	R&S®EMC32-K27	5601.0324.02
EMI measurements in reverberation chambers (mode-tuned method)	R&S®EMC32-K33	1515.2663.02
EMS measurements on multimedia receivers	R&S®EMC32-K35	1519.6270.02
EMS auto test, extension for sequences of multimedia tests	R&S®EMC32-K37	1519.6292.02
Shielding effectiveness test	R&S®EMC32-K48	5601.0301.02
EMI band evaluation	R&S®EMC32-K51	1504.9026.02
Limit line based measurement sequence	R&S®EMC32-K52	1531.5186.02
EMI measurements on transmitters (in transmit mode)	R&S®EMC32-K56	1504.9226.02
Device driver for compact conducted susceptibility tester	R&S®EMC32-K61	1529.7879.02
Report interface to word processing apps	R&S®EMC32-K84	1522.9076.02
Remote control interface for R&S®EMC32, R&S®AMS32 and R&S®WMS32	R&S®EMC32-K974	1520.9879.02
Upgrade of R&S®EMC32-EB, R&S®EMC32-E or	R&S®EMC32-U9E	1518.2870.02
R&S®EMC32-E+ to version 9.xx and 10.0		
Upgrade of R&S®EMC32-S to version 9.xx and 10.0	R&S®EMC32-U9S	1518.2829.02
Upgrade from R&S®EMC32-A/R&S®EMC32-A+/R&S®EMC32-C/R&S®EMC32-W+	R&S®EMC32-UP9	1504.9010.14
version 8.xx or lower to version 9.xx and 10.0		
1 year EMI software upgrade service (software maintenance)	R&S®EMC32-K90	1529.7891.02
1 year EMS software upgrade service (software maintenance)	R&S®EMC32-K91	1529.7904.02

A multi-user license concept is available for customers who need more than one license per location.

Download of R&S®EMC32 EMC measurement software:_www.rohde-schwarz.com/software/emc32

Version 13.00, August 2020

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