Keysight EXF Wireless Test Set for Femtocell E6650A

Software version F.16.08 Released 6 - October 2015

Software version F.16.06 Released 22 July 2015 - Microsoft .Net 4.5 is required for this release. (.Net 4.5 needs to be manually uninstalled before you can load an older release / previous version.)

Software version F.14.69   Released 8 - February 2015

Software version F.14.56   Released 22 - November 2014

Software version F.16.08

Released Date:	Oct 6th 2015
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	CoreTM i7-4700EQ quad-core, 2.4 GHz processor Windows Embedded Standard 7 (WES7) 32-bit or 64-bit Operating System
Requirements category (other):	Microsoft .Netframe work 4.5
File Name:	XSA_Installer_F.16.08_Self-extractor_x64.exe

Software F.16.08 Enhancements

Model	Option	Description
E6650A	V9081B Bluetooth	Added new test results DeltaF1F0 and Max Frequency Offset for Bluetooth LE measurement according to standards

KEYSIGHT
TECHNOLOGIES

Software F.16.08 Issues Resolved

Model	Option	Description
E6650A		Fixed a defect: random crashes occurred when editing a source ARB sequence file. Fixed a defect: license-checking errors occurred with Signal Studio waveform MEU licenses Fixed a defect: Loading Signal Studio waveforms into ARB memory sometimes caused a crash. Fixed a defect: Application can't recognize old config file after upgrade to new revision.
E6650A	V9077B WLAN	Fixed a defect: FFT SEM trace provided with WLAN MIMO Mod Analysis was incorrect. Fixed a defect: could not release remote analyzers when deleting all remote analyzers for MIMO. Fixed a defect: WLAN 11af EVM could not be demodulated successfully.
E6650A	V9065B Sequence Analyzer	Fixed a defect: LSEQ Edge EVM returned similar results of different acquisitions in some cases. Fixed a defect: could not recall sequencer analyzer sequence file and source list sequence file by means of user interface. Fixed a defect: random crashes occurred when exiting sequence analyzer mode. Fixed a defect: Demodulation of LTE FDD EVM sometimes occurred in sequence analyzer mode.
E6650A	V9080B LTE FDD /LTE-Adv FDD	Fixed a defect: Performing auto range for LTE measurement was causing crashes. Fixed a defect: LTE CCDF measurement cannot be enabled. Fixed a defect: LTE/LTE-A mode could not be pre-loaded at startup.

Software version F.16.06

Released Date:	22 July 2015
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	CoreTM i7-4700EQ quad-core, 2.4 GHz processor Windows Embedded Standard 7 (WES7) 32-bit or 64-bit Operating System
Requirements category (other):	Microsoft .Netframe work 4.5
File Name:	XSA_Installer_F.16.06_Self-extractor_x64.exe

Software F.16.06 Enhancements

Model	Option	Description
E6650A		Microsoft .Net 4.5 is required for this release. (.Net 4.5 should be manually uninstalled if you want to downgrade to an older release / previous version.) Adds support for EXF and 89600 connectivity Added a trigger polarity to the source external trigger.
E6650A		Added weekly alignments buttons: RF, IF and Source the user interface
E6650A	V9065B Sequence Analyzer	Sequence Analyzer mode, reduced minimum transition time between acquisition steps for some configurations. Added a new feature to query Complex IQ Origin Offset. Add Support to LTE band 30
E6650A	V9080B LTE FDD/LTE-Adv FDD	Added new feature to support LTE-Advanced FDD. Added new feature to support LTE CCDF
E6650A	V9082B LTE TDD/ LTE-Adv TDD	Added new feature to support LTE-Advanced TDD. Added new feature to support LTE CCDF

E6650A	V9080B LTE FDD, V9082B LTE-TDD, andV9073B W-CDMA	Added a new feature to query Complex IQ Origin Offset.
E6650A	V9077B WLAN	Added new feature to support 802.11p and 802.11j. Added new feature to support 1024QAM for 802.11ac. Added new SCPI command for "Frequency Sync" to improve EVM results. [:SENSe]:EVM:FREQuency:SYNC PPILot | PPData | PREamble Added new softkey "User Select Field" for EVM
E6650A	E6650A-AW1	Added new feature to support Real Time AWGN Source

Software F.16.06 Issues Resolved

Model	Option	Description
E6650A		Fixed a defect: External trigger level range is not correct. Fixed a defect: Source sync operation occasionally causes inconsistence status.
E6650A	V9065B Sequence Analyzer	Fixed a defect: Some 802.11 results are not displayed occasionally. Fixed an application crash when Basic IQ is queried in an unsupported mode Fixed a defect: correct help link of WCDMA Band 19 and LTE Band 30 Fixed a defect: added WLAN EVM "Track Timing" in Sequence Analyzer Fixed a defect: LTE EVM reports error in Sequence mode when signal has large IQ offsets

	V9077B	Fixed a defect: EXM WLAN supports negative Gate Delay
E6650A	WLAN	Fixed a defect: WLAN FFT SEM Detector should be Average
E6650A	V9082B LTE TDD	Fixed a defect: When no RF burst signal presents, application completes measurements immediately without showing "Waiting for Trigger".

Software Version F.14.69

Released Date:	8 February 2015
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	CoreTM i7-4700EQ quad-core, 2.4 GHz processor Windows Embedded Standard 7 (WES7) 32-bit or 64-bit Operating System
Requirements category (other):	none
File Name:	XSA_Installer_F.14.69_Self-extractor_x64.exe

Software F.14.69 Enhancements

Model	Option	Description
E6650A	V9065B Sequence Analyzer	In Sequence Analyzer mode, reduced minimum transition time between acquisition steps for some configurations. Added a new feature to query Complex IQ Origin Offset.
E6650A	V9080B LTE FDD,V9082B LTE TDD, and V9073B W-CDMA	Added a new feature to query Complex IQ Origin Offset.

Software F.14.69 Issues Resolved

Model	Option	Description

E6650A		Fixed a defect: LAN ports IP addresses incorrectly reported in system display. Fixed a defect: Source sequence initialization occasionally causes operation time-out. Fixed a defect: Source sync operation occasionally times out. Fixed a defect: TRX Configurator launch failed occasionally. Fixed a defect: Intermittent "Source Synthesizer Unlocked – DETECTED" errors when executing a source list sequence.
E6650A	V9065B Sequence Analyzer	Fixed a defect: Intermittent timeout errors during sequence execution or when fetching sequence results.

Software Version F.14.56

Released Date:	20 November 2014
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	CoreTM i7-4700EQ quad-core, 2.4 GHz processor Windows Embedded Standard 7 (WES7) 32-bit or 64-bit Operating System
Requirements category (other):	none
File Name:	XSA_Installer_F.14.56_Self-extractor_x64.exe

Software F.14.56 Enhancements

Model	Option	Description
E6650A		Added Supports external trigger delay for source input trigger.

Software F.14.56 Issues Resolved

Model	Option	Description

E6650A		Fixed a defect: waveform multi-pack licenses
E6650A	V9065B, Sequence Analyzer	Fixed a defect: issue where recalling a sequence file may not be recalled

Software Version F.14.54

Released Date:	15 October 2014
Requirements category (e.g., operating system):	Microsoft Windows 7
Requirements category (e.g., instrument software version):	CoreTM i7-4700EQ quad-core, 2.4 GHz processor Windows Embedded Standard 7 (WES7) 32-bit or 64-bit Operating System
Requirements category (other):	None
File Name:	XSA_Installer_F.14.54_Self-extractor_x64.exe

Initial Release for E6650A, Keysight EXF Wireless Test Set for Femtocell