

Instrument Software Revision History

Keysight M9420A VXT PXIe Vector Transceiver

- M9420A, M9421A (VXT PXIe Vector Transceiver)

Version M.19.56 (Release Date Dec, 2017)

Issues Resolved:

- Incorrect SCPI command for RFIO HD port control
 - Marker out (as trigger) synchronization issue
 - Jitter issue of 200 MHz clock edge between backplane 10 MHz edge
 - 3 dB error of the readout in multi-offset versus single offset when testing GSM ORFS
 - Video Trigger hold off can't work under SEQAN mode
 - Compatibility issue with M9010A chassis
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Version M.19.31 (Release Date Aug, 2017)

- Support following features for application software
- Bluetooth 5.0:
Decode Advertisement packet and device ID
Coded 1Ms/s (#4.6.10 and #4.6.11)
- WLAN 802.11ax:
Optimize EVM
In band emission
SIG-A decoding

- NB-IoT:
In-band mode
TAE
Standard Preset for ACP/SEM/CHP/OBW
DL EVM traces
Repetition and multi-RU
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- **M9420A, M9421A (VXT PXIe Vector Transceiver)**

Version M.19.07 (Release Date Apr, 2017)

- Support "Y" license.
- Bluetooth 5.0 support Y9081A-3FP
- 802.11ax Y9077A-8FP
- NB-IoT & eMTC Y9080B-3FP

Issues Resolved:

- WLAN mode - ACLR need support the gate method "FFT" but the menu is gray and the method can set to "LO" and "VID" via SCPI
 - Sequence Analyzer Mode help file not available
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- **M9420A, M9421A (VXT PXIe Vector Transceiver)**

Version M.18.41 (Release Date Feb, 2017)

Issues Resolved:

- Added WLAN MIMO EVM vs symbol for channel display
- Fixed the Source Sequence list play issue
- Fixed memory leakage issue when switching to Eq Imp Response view under WLAN MIMO measurement

- Fixed WLAN MIMO 8x8 random sync issue
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Version M.18.34 (Release Date Dec, 2016)

- Added MIMO support for WLAN application

Issues Resolved:

- Fixed N9077A license description issue in system
 - Corrected M9420A IVI drivers' name.
 - Fixed User Info Summary view via SCPI commands
 - Fixed temperature recording incorrect issue of RF Response alignment
 - Fixed input marker delay issue in IQ mode
 - Fixed the source RMS value sync issue
 - Max frequency is incorrect when only install option "504" and "B40"
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Version M.18.04 (Release Date Aug, 2016)

- Added support to M9421A

Issues Resolved:

- Fixed trigger line setting conflict issue
 - Fixed the trigger and data acquisition timing issue after switching between IVI driver and XSA
 - Fixed filter implementation issue of FFT acquisition mode
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Version M.16.57 (Release Date Mar, 2016)

Issues Resolved:

- Cannot recognize the waveform marker files with extensions .MARKERS
 - Fixed RF blanking Marker Polarity issue
 - Removed the “*PRELIMINARY*” from the title of SFP
 - Installation failure on fresh PC
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Version M.16.50 (Release Date Nov, 2015)

Initial release