

# **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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**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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**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