

Instrument Software Revision History

Keysight M8920A Radio Test Set

Version M.25.04 (Release Date Dec, 2019)

Enhancement:

- VMA Custom OFDM: support DRM presets
- VMA Digital Demodulation: support Tx BER for Digital Demodulation
- NB-IoT: support EUTRA carrier cell ID in In-band different PCI mode
- WLAN: support A-MPDU data decoding with per-subframe CRC check, Mean PSD to WLAN CHP, correct CRC result for inactive user (from "failure" to NAN")
- Bluetooth: support of initial frequency drift for BT 5.0
- Radio Test: add "Next Peak" function in RF Spectrum window
- Radio Test: add new type "Disconnect" to Output Ground setting
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Issues Resolved:

- "Undefined Header" error when sending specific SCPI commands to change display power unit
- The modulated spectrum is inverted from 30 MHz to 60 MHz
- Intermittent hang-up when long pressing the touchscreen

Version M.24.58 (Release Date Sep, 2019)

Enhancement:

- Audio Metrics: Add dBuV, dBmV display options to audio level.
- DSB PEP and rms power measurement
- SSB PEP and rms power Measurement
- SSB span filter and freq error issue
- Support frequency error measurement for AM DSB

Issues Resolved:

- External Trigger Slope Doesn't Work as Expected When Set to Negative
- "Settings Alert; Acquisition truncated" when in Specific Range Settings

Version M.23.09 (Release Date June, 2019)

Enhancement:

- Add pre-generated waveforms: additional APCO Ph1 waveforms
- Rx/Tx Frequency coupling option with optional offset
- Add dBm result in audio level measurements in RX mode,
- Audio analysis list mode

Issues Resolved:

- T/R High sensitivity mode warning does not turn off after switching out of high sensitivity path
- External Gain doesn't work for RT RF Spectrum window
- Source waiting for trigger dialog doesn't disappear even switch to continuous mode from single mode with bus trigger
- Inconsistent measured power from T/R port when RF Output Port is set to T/R in the recalled state file
- Inconsistent actual settings on Sine 2 Level by using UI and SCPI
- Cannot change PEP and RMS power unit between dBm and W for AM LSB/USB

Version M.21.16 (Release Date Oct, 2018)

Enhancement:

- Add pre-generated waveforms for APCO Ph1 and TETRA
- Add Autotune function

- Add additional audio filters
- Support increment set for RF generator frequency and amplitude
- Add reference impedance support for audio output power (watts)

Issues Resolved:

- Dirty marker display issue when changing the selected window
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Version M.21.13 (Release Date Sep, 2018)

Enhancement:

- ACP measurement
Integration Pass Band -6dB
- VMA measurement
Digital Demodulation MSK Type 1 enhancement
- Analog demodulation
AM SSB support

Issues Resolved:

- WLAN Sequence Mask measurement result is not correct when overlap function is enable
 - Source Output Shifts After Initialization
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Version M.20.37 (Release Date June, 2018)

Initial release to support M8920A