

General Caution

Please use a freshly formatted USB Memory Stick for firmware updates.

If there is a firmware update question, please contact Anritsu service support at <https://www.anritsu.com/test-measurement/contact-us> for further information.

What will the customer see in this release?

Product : MS2080A, MS2070A

Application Package : V2025.9.1

Release Date : Release Oct. 2025

Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software

- Updated VNA cal dialog size so all items can be seen.

*** IMPROVEMENTS ***

-> Software

- Improved setting of battery charger to low power mode on exit.

*** BUG FIXES ***

-> Software

- Fixed issue with 26N50 Cal kit selection showing the wrong resistance/impedance termination values.
- Fixed inconsistent display of feet and meters in reports.
- Fixed 1GHz CW signal always on when in SPA mode on instruments with only CAA and SPA options.

What will the customer see in this release?

Product : MS2080A, MS2070A

Application Package: V2024.12.3

Release Date : Release Feb. 2025

Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software

- Adds new option 0007 - Secure data that blocks saving data to internal memory and Frequency/Level blanking.
- Adds support for new THD measurement.
- Adds new option 0020- Tracking Generator for model MS2080A.

*** IMPROVEMENTS ***

-> Software

- Adds support for MCC/MNC decoding for Operator/Country display in 5GNR and LTE applications.
- Adds support for MA24103A/MA24105A inline USB powers sensors to the HIPM application.
- Adds support for industry standard 16 bit IQIQ format for saved IQ capture files.
- Adds support for GNSS data in csv logging files.
- Adds support for GNSS data in trace recording files.
- Adds support for tagged trace record/playback.
- Adds coverage mapping feature to channel scanner application.
- Adds support for option 0006 - Remove Wi-Fi HW on models MS2070A and MS2080A.
- Increased ring buffer size to better handle pre-trigger data for IQ capture with external and video trigger.

What will the customer see in this release?

Product : MS2080A, MS2070A

Application Package: V2024.4.2

Release Date : Release Jul. 2024

Information below may not apply to every model/option in Product list.

*** IMPROVEMENTS ***

-> Software

- Added support for secondary scale for Normalized Traces in SPA App.

*** BUG FIXES ***

-> Software

- Fixed issue with Map Tool tile downloads progress synchronization.
- Fixed issue with connecting Wi-Fi to SSIDs that contain spaces and Unicode characters.

What will the customer see in this release?

Product : MS2080A, MS2070A

Application Package: V2024.4.1

Release Date : Release Apr. 2024

Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software

- Adds new option 0027- Channel Scanner.
- Adds support for 5G/LTE Results summary screens.

- Adds support for new options 0126 - IQ capture and 0127- IQ Streaming.
- Adds new option 0871 - WCDMA Measurements.
- Adds Frequency error averaging mode to LTE, 5GNR and WCDMA Applications.
- Adds new option 0017- Secure communications for encrypted Communication from PC client to Test instrument.
- Adds support for optional center frequency carry over between modes.
- Adds support for Remote File transfer to and from PC client and test instrument.
- Adds support for Trace normalization in SPA Application.
- Adds support for new option 0128 - Vector modulation Analysis.
- Adds support for new option 0003 - TDR (Time Domain Reflectometer) to CAAUSB Application.

*** IMPROVEMENTS ***

-> Software

- Improved LTE multi - PCI measurement sensitivity.
- Improved time stamp accuracy in IQ data capture.
- Updates to Band Configuration tables to conform to latest 3GPP standards.
- Adds support for Measurement and Setup file Checksums to establish data integrity.
- Adds support for display of coverage mapping statistics for the defined power ranges.
- Adds support for ACP and SEM measurements to LTE/5GNR applications.

What will the customer see in this release?

Product : MS2080A, MS2070A

Application Package: V2023.9.3

Release Date : Release Oct. 2023

Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software

- Adds support for RTSA density display on Remote PC GUI Application.
- Adds support for automatic estimation of interferer location in IA mode triangulation measurements.
- Marker frequency values for OBW Center, upper and lower frequencies added to OBW screen.
- Adds Auto gated UL/DL Interference measurement in 5GNR and LTE applications.
- Adds support for 75 Ohm adaptor and user configurable adaptors.
- Adds support for new Burst Average Power measurement.
- Adds support for new option 0444 - EMF Measurement.
- Adds support for new option 0400 - Vision Monitor.
- Adds support for new option 0407 - Vision High Speed Port Scanner.
- Adds screen theme change icon to top icon bar for fast theme switching.
- Adds support for integrated PDF file viewer.

*** IMPROVEMENTS ***

-> Software

- Adds reset persistence feature in RTSA mode.
- Improved LO2 locking mechanism.
- Improves Application switching speed.
- Adds support for USB 488.2 subclass status byte and initiate clear functions.
- Adds support for Transmitter power On and Off dual trace display in C/I measurement.
- Improves clarity and readability of KML files on Google Earth.
- Adds support for Aperture mode setting in HIPM Application for 100 series USB sensors.
- Adds support for Segmented and relative limits in SPA Application.
- Adds dual display for Frequency Spectrum and Power versus time graphs.
- Adds support FM Pilot and RDS readout to FM measurement.

*** BUG FIXES ***

-> Software

- Fixed frequency rounding error for trace frequency points in csv logging feature.

- Fixed a bug where in some circumstances the current measurement settings will not be retained after a power cycle.

What will the customer see in this release?

Product : MS2080A, MS2070A

Application Package: V2023.3.1

Release Date : Release April 2023

Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software

- Addition of Carrier to Noise measurement in the spectrum analyzer application.
- Adds PDF report generator for CAAUSB application.
- Adds support for AM/FM demodulation measurements.
- Adds Integrated Web Browser.
- Adds Browser based Wi-Fi network authentication.
- Adds display lockout from remote control.
- Adds support for new 6 GHz Hardware.

*** IMPROVEMENTS ***

-> Software

- Adds support for indoor map tables.
- Adds RSRP/RSRQ to carrier aggregation measurement.
- Improved readability of mapping points from .kml files on Google Earth.
- Adds auto PCI filtering to LTE/5G coverage mapping.

What will the customer see in this release?

Product : MS2070A

Application Package: V2023.1.1

Release Date : Release Jan. 2023

Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software

- MS2070A FieldMaster Initial Software Release.

What will the customer see in this release?

Product : MS2080A

Application Package : V2022.10.1

Release Date : Release Oct. 2022

Information below may not apply to every model/option in Product list

*** NEW FEATURES ***

-> Software

- MS2080A FieldMaster Initial Software Release.