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General Caution

Please use a 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 : MS2710xA
Application Package : V2026.10.1
Release Date : Quarterly Release Sep. 2026
Information below may not apply to every model/option in Product list.

*** NEW FEATURES ***

-> Software
[RSM-981] Removed old tagline from the Anritsu logo.

*** BUG FIXES ***

-> Software
[RSM-980] Fixed RMS detector hang.

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What will the customer see in this release?
Product : MS2710xA
Application Package: V2025.3.1
Release Date : Quarterly Release Mar. 2025
Information below may not apply to every model/option in Product list.

*** IMPROVEMENTS ***

-> Software
[RSM-969] Changed default MTU to 1500.
[RSM-970] Updated OpenSSL to 1.1.1. Activated HSTS headers for the webserver.

*** BUG FIXES ***

-> Software
[RSM-972] Fixed an issue where the GPS rollover was not being applied to the GPS fix time.
[RSM-976] Fixed https bypass configuration.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2023.12.1
Release Date : Quarterly Release Nov. 2023
Information below may not apply to every model/option in Product list.

*** IMPROVEMENTS ***

-> Software

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[HHMP-667] Updated Dropbear and Lighttpd SW modules to latest versions.
[HHMP-668] Fixed GPS time roll over issue due to HW limitations of GPS receiver.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2023.7.1
Release Date : Quarterly Release July 2023
Information below may not apply to every model/option in Product list.

*** IMPROVEMENTS ***

-> Software
[HHMP-630] Adds user configurable MTU payload size.

What will the customer see in this release?
Product : MS2710xA
Application Package : V2018.9.7
Release Date : Release Dec. 2022
Information below may not apply to every model/option in Product list

*** BUG FIXES ***

-> Software
[RSM-954] Fixed an issue with an input related spur.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.9.6
Release Date : Quarterly Release Aug. 2022

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

*** BUG FIXES ***

-> Software
[RSM-905] Fixed an issue where the RSM would revert to the default MAC address.
[RSM-946] Fixed an issue where secure mode would block all users including the one that turned on secure mode.
[RSM-947] Fixed an issue where the IP was not correctly being written to USB sticks when the stick is plugged in during bootup.
[RSM-952] Fixed an issue that prevented connect to the RSM with an IPV6 IP.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.9.5
Release Date : Patch Release Mar. 2021
Information below may not apply to every model/option in Product list

*** NEW FEATURES ***

-> Software
[HHMP-476] Added capability to use option 128 (Vector Signal Analyzer software) for all RSM models MS27100A / MS27101A / MS27102A / MS27103A.

*** IMPROVEMENTS ***

-> Software
[HHMP-342] Provided capability with SCPI command to turn On/Off FTP capability.
[HHMP-403] ADC over range flag as part of header is available as part of :Trace:Data command.

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*** BUG FIXES ***

-> Software
[HHMP-345] Fixed disconnect errors with RSM when using 4001 display points.
Problems does not occur with 551 points.
Fixed that when setting up Manual Refresh Rate in the webserver GUI (refresh rate set at 3 seconds in this case). Manual Refresh Rate is turned off even though the checkbox is still checked...due to a new connect being established that puts in default values.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.9.4
Release Date : Release Patch November 2019
Information below may not apply to every model/option in Product list

*** BUG FIXES ***

-> Software
[RSM-931] Fixes issue where GPS resets were issued every minute.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.9.3
Release Date : Release Patch July 2019
Information below may not apply to every model/option in Product list

*** BUG FIXES ***

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-> Software
[HHMP-9] Fixed Issue where Remote Spectrum Monitor would periodically freeze when using Vision software (opt 407 High-Speed Port Scanner)
[HHMP-234] Resolved spurious issue seen at 3.84 GHz.
[HHMP-273] Fixed issue where GPS information contained in the GPS timestamp data and GPS query FETCH:GPS:FULL? would start to lag the actual GPS time.
The GPS SCPI response and IQ data timestamp now stay synchronous with the actual GPS time.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.9.2
Release Date : Custom Build October 2018
Information below may not apply to every model/option in Product list

-> Software
[SIR-1132] Enabled SO_KEEPALIVE socket option on the SCPI TCP port (9001), so that dead connections can be automatically cleaned up. The server will start sending keep-alive probes after 10 minutes of inactivity on a connection.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.9.1
Release Date : Quarterly Release September 2018
Information below may not apply to every model/option in Product list

*** BUG FIXES ***

-> Software
[RSM-817] Upgraded our operating system version which fixes several driver issues that in some rare situations could cause the system to lock up.

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What will the customer see in this release?
Product : MS2710xA
Application Package: V2018.6.1
Release Date : Quarterly Release beginning June 2018
Information below may not apply to every model/option in Product list

*** BUG FIXES ***

-> Software
[RSM-678] Added missing log(0) protection.
[RSM-773] Fixes an issue where lower limit line could not be enabled from the Limit Menu in the web UI
[RSM-780] Fixes an issue where continuous measurement saving did not work for 60 min time interval
[RSM-794] Fixed an issue where entering a query command in SCPI menu cleared the corresponding setting value
[RSM-801] Fixes an issue where entering a query command in SCPI menu cleared the corresponding setting value
[RSM-810] Fixes an issue where spurious signals were observed in various bands.
[RSM-813] Fixes an issue where the zero spur causes an ADC overrange because the IF attenuation at low frequencies was not getting set correctly sometimes.
[SIR-1022] Fixed an issue where the INSTrument:CATalog:FULL? query returned an empty catalog when it should not have.

What will the customer see in this release?
Product : MS2710xA
Application Package: V2017.12.1
Release Date : Quarterly Release beginning December 2017
Information below may not apply to every model/option in Product list

*** NEW FEATURES ***

-> Software
[RSM-118] Added the Install New Options sub-menu in the System menu in MS2710XA
[RSM-690] Save Web UI Y-axis scale setting so recalling the last saved setup will restore the same.

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[RSM-797] Updated boot version to support updated firmware recovery link
[RSM-622] Added ability to throttle the fetch time to get trace data in Web UI. Throttling rate varies from 1 second to 60 seconds

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What will the customer see in this release?
Product : MS2710xA
Application Package: V2017.8.1
Release Date : Quarterly Release beginning August 2017
Information below may not apply to every model/option in Product list

*** NEW FEATURES ***

-> Software
[RSM-497] Added a SCPI command [:SENSe]:IQ:SAMPle:CALibration:CONFiguration?" that returns the correction factor to be applied to the IQ capture data.
(See SCPI programming manual for details.)
[RSM-636] Increased the displayed precision of GPS positions.
[RSM-644] Added three new options to the enabled option list to support new application features of an updated SpectraVision (MX280010A) application.
The new options are: Option 472 - Signal ID Basic, Option 473 - Signal ID Advanced, Option 474 - Power Monitor

[RSM-689] Display "RSM IN USE" message on the WEB GUI when SCPI command inst:act:stat 1 is issued to the instrument or when the RSM in use button is clicked in the System tab in WEB GUI.
[RSM-691] Auto resets the overpower protection relay after 1 hour of its opening

*** BUG FIXES ***

-> Software
[RSM-511] Fixes an issue where measurement files saved with non-default display point count could not be recalled.
[RSM-628] Fixed an issue where user selected invalid attenuator/preamp combination could result in an invalid measurement.
[RSM-665] Fixes an issue where closing the over power protection relay after clearing the overpower condition does not actually close the relay.

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What will the customer see in this release?
Product : MS2710xA
Application Package: V2017.3.4
Release Date : Quarterly Release beginning March 2017
Information below may not apply to every model/option in Product list

*** NEW FEATURES ***

-> Software
[SIR-504] Added Secure Mode functionality, which will block the SCPI port (9001), the AAE port (24001), and the websocket port (4000) for unauthorized users when activated. System Override (accessed through port 8001) is used to turn secure mode on/off as well as register new authorized users.
[SIR-512] Fixed the issue where the file system incorrectly reported zero byte available
[RSM-442] Removed incorrect reference to Pre-Selector in the Web UI.
[RSM-482] Default sweep mode is FFT for all MS2710xA models.
[RSM-483] Added SCPI commad to control analog IF output in the MS27100A model.
[RSM-488] Added SCPI command to associate a name to the instrument. The name will also be displayed on the Web UI.
[RSM-491] Added a 6-port RF input option 0406 to the MS27100A and MS27102A models.
[RSM-505] Made sweep time improvements in FFT mode.
[RSM-551] In the save on event mode, new events are logged only after the previous event is recorded. This can result in lost trace events.
[RSM-552] Added a security feature giving only authorized users access to the instrument, if secured.
[RSM-597] Channel power and Occupied Bandwidth settings can no longer be set in the Measurement tab in the Web UI.
[RSM-604] Added two buttons in the File tab of the Web UI that enables the user to exit a recalled state mode or apply the recalled measurement.
[RSM-605] Enabled continuous IQ time stamping in 8 and 16 bit modes.

*** BUG FIXES ***

-> Software
[SIR-366] Fixed several cases where some invalid numeric SCPI parameters were not properly reported as InvalidCharInNumber errors in the SCPI error queue.
[SIR-385] Fixed an issue where repeatedly inserting and removing a USB stick could result in the USB alias folder showing up even though the stick is no longer plugged in.

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[RSM-410] Scroll buttons in reference level setting box in dBuV units do not limit values incorrectly.
[RSM-477] Update Frequency Reference status of the instrument correctly after GPS is disconnected.
[RSM-510] Display additional SCPI error messages in the Web UI SCPI panel.
[RSM-556] Fixed a bug where an extra sweep would happen after the ABORT SCPI command in single sweep.

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