

Release
Notes

Keysight S910xA 5G Multi-Band Vector Transceiver

Software M.26.57 & S910x 2.20.12 - 10-December-2020

M941xA version M.26.57

S910xA Service Manager version 2.20.12

Released Date:	10 December 2020
Requirements category (e.g., operating system)	Microsoft Windows 10, 64-bit
Requirements category (other):	Microsoft .Net Framework 4.7.1 Keysight IO libraries 18.1.24130
File Name: M941xA VXT2	VXT2_Installer_M.26.57_Self-Extractor_x64.exe
File Name: S910x Solution	Keysight_S910xA_2.20.12.exe
Solution Module Dependencies	IviSharedComponents64_261.exe MPxiChassis_Setup-1.7.82.1.exe MWSwitch_Setup_1.0.7.0.exe ^M9347A_Setup-1.1.543.0.exe ^M9353A_Setup-1.0.2.0.exe

Software Changes

Resolved Issues

M941x M.26.57

S910xA Service Manager 2.20.12

Component	Description
S910xA Service Manager	<ul style="list-style-type: none"> - Addressed a rare Down conversion issue preventing the Remote Radio Head from being set up properly - Added support for M9353B module - Update SCPI server limits to -120 to +20dBm to match M9410A data sheet for blocker applications
M941x	<ul style="list-style-type: none"> - Resolved issues where Noise Correction calculations were not updated correctly - Resolved several issues with the user corrections not being applied correctly - Negative Source Trigger Delay added - Improvements to Spur Avoidance amplitude accuracy - Resolved output power issues using the HD port - Resolved ACLR discrepancies related to different ranging values - Resolved external Periodic Trigger issues when switching the sync source between Internal and External triggers - Resolved trigger issues with the RF Source in "Trigger + Run" and "Reset and Run" - Resolved performance issues with the 5G NR Transmit ON/OFF measurement - Improved the Source output trigger jitter and latency performance

Resolved Issues

M941x M.24.48

S910xA Service Manager 2.18.1

Component	Description
S910xA Service Manager	- No updates
M941x	- Defect fixed if the RMS of a waveform was 0.

Resolved Issues

M941x M.24.45

S910xA Service Manager 2.18.1

Component	Description
S910xA Service Manager	<ul style="list-style-type: none"> - Enabled temperature compensation in the M1740A Transceivers - Defect fixed that caused a dead-lock in the S910x Service Manager - Corrected a SCPI definition for so [:SOURce]:CONFigure:PORT[:OUTPut] to accept "RFOut" so that "RFO" would be accepted as a parameter. - Swap the LO ports used by the E7770 CIU for systems with more than two channel cards

M941x	<ul style="list-style-type: none"> - Defect fixed for 5G NR Transmit On/Off with spur avoidance - Defect fixed with single sweep mode and auto ranging. - Defect fixed causing software dead-lock when switching ports in continuous sweep mode and adjust for minimum clipping is enabled. - Fixed a mismatch in reported channel power between spectrum emission measurement and channel power measurement when using the M1740A Transceiver. - Fixed a defect handling external amplitude correction files
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Resolved Issues

M941x M.24.39

S910xA Service Manager 2.15.4

Component	Description
S910xA Service Manager	<ul style="list-style-type: none"> - Fixed a deadlock if repeatedly clicking “Check Status” in the service manager - Corrected the termination of E7770 services on shutdown - Lower the allowed millimeter frequency to 22.7 Ghz - Implementation of SCPI services for S910x Blocker solutions - Fixed noise correction configuration in the multi-channel solutions - Allow the Services to be started as a non-Administrative user

	<ul style="list-style-type: none"> - Check that the IO Libraries is running before starting hardware services
M941x	<ul style="list-style-type: none"> - Address carrier power difference with spur avoidance enabled - Improvements in the use of spur dodging - Correct memory manager construction in the VXT - Reset trigger delay before alignments - Fix LTE PvT “fail on periodic trigger with sync on RF burst or external trigger” - Fix LTE PvT “burst not found” with external trigger - Corrected waiting on external trigger when using periodic triggering once the trigger has occurred - Fix noise pedestal discrepancy during transmit on/off measurements - Correct information bandwidth in transmit on/off measurements for 4x100 Mhz configuration - Fix frequency default switching ports - Correct transmit on/off power limits