

SSA3000X Plus Firmware Revision History

Version	Revision
V3.2.2.5.1R1 2022/5/10	<p>Notice:</p> <p>This firmware must be upgraded from V3.2.2.4.0 or later. If your analyzer has an earlier version, please update to V3.2.2.4.0 first and then proceed to update to the latest version.</p> <p>Improvements:</p> <ul style="list-style-type: none"> • Optimize the Ref level and Att couple • Add SCPI commands in MA Mode <ul style="list-style-type: none"> •READ:ADEMod:AVG? •[:SENSe]:ADEMod:FM:DEVI? •[:SENSe]:ADEMod:FM:DRIFt? •[:SENSe]:BWIDth[:RESolution] •[:SENSe]:BWIDth[:RESolution]? •[:SENSe]:BWIDth:EQLPf •[:SENSe]:BWIDth:EQLPf? •CALCulate:MARKer#:PTPeak • Add .trc file in EMI Mode • Add .lic file auto scan <p>Solved Issues:</p> <ul style="list-style-type: none"> • Fix pi/4 DPSK 和 pi/8 DPSK decode errors in MA mode • Fix fft frequency error in narrow span in SA mode • Fix trace avg calculation error in SA mode • Fix the zero sweep type when fft in SA mode
V3.2.2.5.0 2021/9/30	<p>Notice:</p> <p>This firmware must be upgraded from V3.2.2.4.0 or later. If your analyzer has an earlier version, please update to V3.2.2.4.0 first and then proceed to update to the latest version.</p> <p>New Functionality:</p> <ul style="list-style-type: none"> • Add Ext Trigger Delay from 0-10 seconds in SA Mode <p>Solved Issues:</p> <ul style="list-style-type: none"> • SA fix the difference between marker and peak and marker style; Fix Center Freq error; Fix limit fail to stop error; Fix Auto frequency error; In normalization, auto re-normalized after any setting changes • EMI frequency offset error; saving std lim path error • Web browser cannot change IP, and cannot login after changing password
V3.2.2.4.0 2021/1/15	<p>This version can not be rolled back</p> <ul style="list-style-type: none"> • Fix TG switch error at small RBW • Fix Help and Limit file lost when Factory reset

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	<ul style="list-style-type: none"> • Fix CNR calc error when no peak found • Fix OBW result overflow • Fix Harmonic calc error at 100Hz RBW • Fix Reflection Open+Short calibration action • Fix spectrum amplitude error in DMA mode • Optimize EMI .csv file content to all signal list • Optimize EMI peak search • Optimize Auto cal process • Add Peak search to Spectrum in DMA mode
V3.2.2.3.3R1 2020/12/01	<p>New Functionality:</p> <ul style="list-style-type: none"> • Add EMI filter in SA for EMI option <p>Solved Issues:</p> <ul style="list-style-type: none"> • Optimize the TG flatness and control procedure • Optimize Help • Fix Correction, .csv file, add peak numbers to 20 in EMI mode • Fix amplitude error in DMA Mode • Fix upgrade failure issue
V3.2.2.3.2 2020/09/09	<p>Solved Issues:</p> <ul style="list-style-type: none"> • Fix avg power bug in EMI Mode • Fix amplitude bug in AMA Mode • Fix peak search bug in SCPI command
V2.2.1.2.8 2020/06/30	<p>New Functionality:</p> <ul style="list-style-type: none"> • Update EMI option to a new EMI measurement mode <p>Improvements:</p> <ul style="list-style-type: none"> • Improve TG output harmonic performance • Update Help file <p>Solved Issues:</p> <ul style="list-style-type: none"> • Fix ADC overload warning • Fix Ch Power calculation bug in small span
V2.2.1.2.7 2020/05/12	<p>Improvements:</p> <ul style="list-style-type: none"> • Add Limit mask offset in SA mode • TG Level adjustable in Reflection Meas

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	Solved Issues: <ul style="list-style-type: none"> • Fixed AM and FM symbol rate error, Lpf coefficient error, in AMA mode • Fixed Filter bandwidth error in DMA mode • Fixed Freq counter error in SA mode • Fixed Harmonic error in SA mode • Help Display error
V2.2.1.2.5 2019/11/11	Improvements: <ul style="list-style-type: none"> • Optimize trace, marker, signal track, TG normalization , Reflection measurement in SA Mode • Optimize web server UI Solved Issues: <ul style="list-style-type: none"> • Fixed video trigger fail, errors in Harmonic measurement in SA Mode • Fixed spectrum amplitude error, meas error, waveform discontinue in MA Mode • Fixed English help, system message