

SSA3000X-R Firmware Revision History

Version	Revision
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 • Add Limit in Log mag and Lin mag format; add calibration average; add s1p touchstone file save in VNA mode <p>Improvements:</p> <ul style="list-style-type: none"> • VNA sweep points up to 10001; Scale down to 0.001 in Smith chart; • MA Filter type Nyquist change to Raised Cosine to align SCPI command; improve filter performance in low frequency • EMI RBW/Step from 1 to 3 <p>Solved Issues:</p> <ul style="list-style-type: none"> • SA mode: <ul style="list-style-type: none"> Fixed the difference between marker and peak and marker style; Fixed center Freq error; Fixed limit fail to stop error; Fixed auto frequency error; Fixed in normalization, auto re-normalized after any setting changes • VNA mode: <ul style="list-style-type: none"> Fixed phase error; Fixed STA file saving error; Fixed CSA file loading error; Fixed S21 calibration error; Fixed enhanced calibration error • RTSA mode: <ul style="list-style-type: none"> Fixed continue peak preset error; Fixed Freq step error • EMI mode: <ul style="list-style-type: none"> Fixed frequency offset error; Fixed saving std lim path error • Web browser: Fixed change IP error, Login error after changing password
V3.2.2.4.0 2021/1/15	<ul style="list-style-type: none"> • Fix TG switch error at small RBW • Fix Help and Limit file lost when Factory reset • Fix Auto open delay unit error in VNA mode • Fix CNR calc error when no peak found

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	<ul style="list-style-type: none"> • 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 • This version can not be rolled back
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 response in RTSA • Optimize the TG flatness and control procedure • Optimize Help • Fix Correction, .csv file, add peak numbers to 20 in EMI mode • Fix ADC overload warning error, and time unit error in Calibration in VNA Mode • Fix amplitude error in DMA Mode • Fix the frequency band downgrade to 3.2GHz on some units <p>Fix upgrade failure issue</p>
V3.2.2.3.2 2020/09/09	<p>New Functionality:</p> <ul style="list-style-type: none"> • Add VNA and DTF mode • Update EMI option to a new EMI measurement mode <p>Solved Issues:</p> <ul style="list-style-type: none"> • Fix bug in Help File • Fix some ADC overload warning • Fix some PvT and Density marker bugs. • Fix Ch Power calculation bug in small span in SA Mode • Fix amplitude bug in AMA Mode • Fix peak search bug in SCPI command