



SSA5000A

Spectrum Analyzer



Features and Benefits

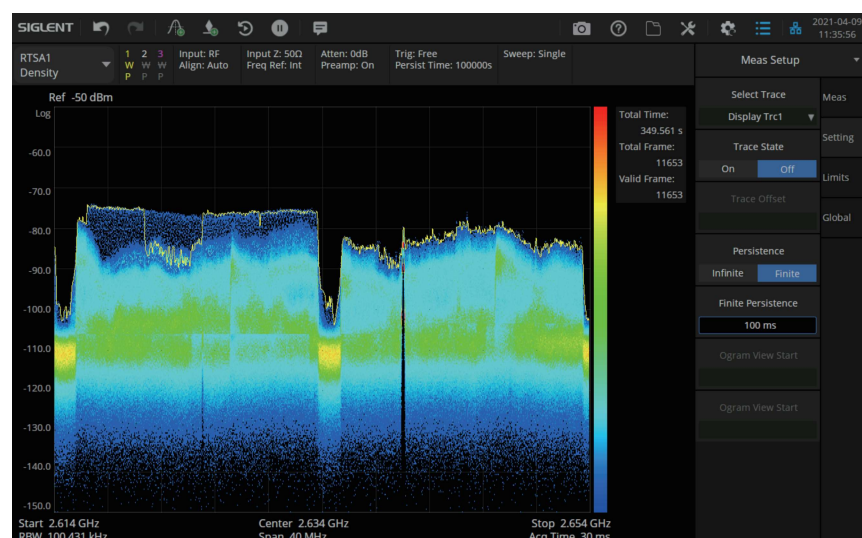
- Spectrum Analyzer Frequency Range from 9 kHz up to 13.6 GHz/26.5 GHz
- -165 dBm/Hz Displayed Average Noise Level (Typ.)
- -105 dBc/Hz@1 GHz, 10 kHz offset SSB Phase Noise (Typ.)
- 25 MHz/40 MHz Analysis Bandwidth
- 100% POI 7.20 μ s, Dynamic Range 60 dB, Multi-view for Density, Spectrogram and PVT
- Channel power, ACPR, OBW, Harmonic, TOI measurement etc.
- Analog Modulation Analysis and Vector Digital Modulation Analysis
- 12.1 inch Multi-Touch Screen, HDMI output
- Web Browser Remote Control on PC and Mobile Terminals and File Operation



Design features

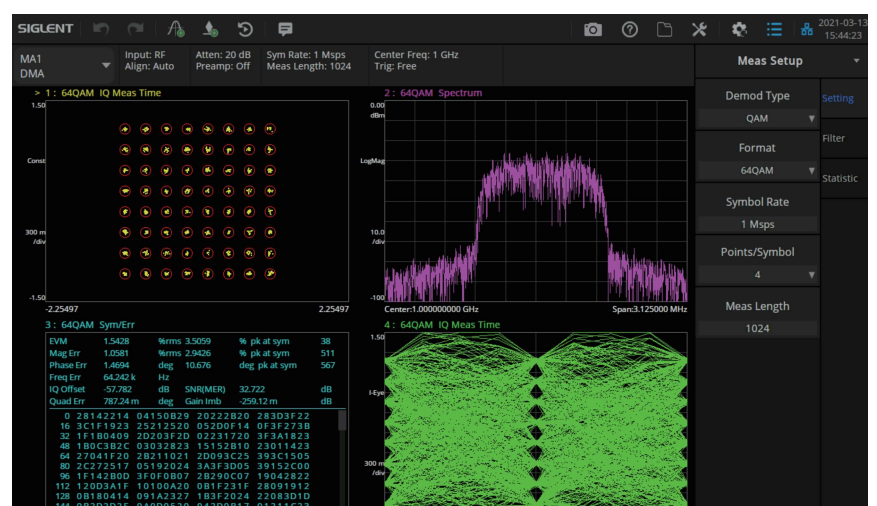
• Real Time Analysis Mode

Multi-view and dimensions to monitor complex signals



• Modulation Analysis Mode

AM/FM/PM analog modulation , and ASK/FSK/PSK/MSK/QAM vector modulation a nalysis



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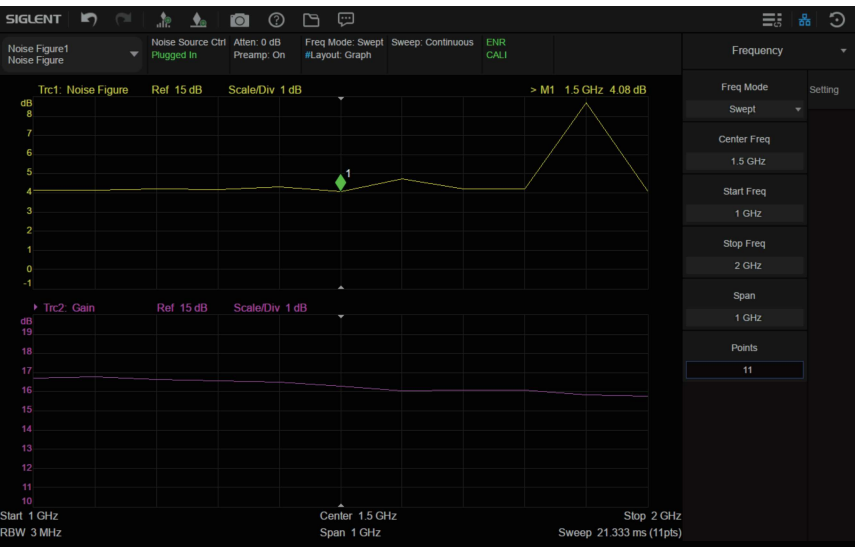
Bluetooth Signal Modulation Analysis

Provide transmitter tests of Low Energy, Basic Rate and Enhanced Data Rate Bluetooth standard



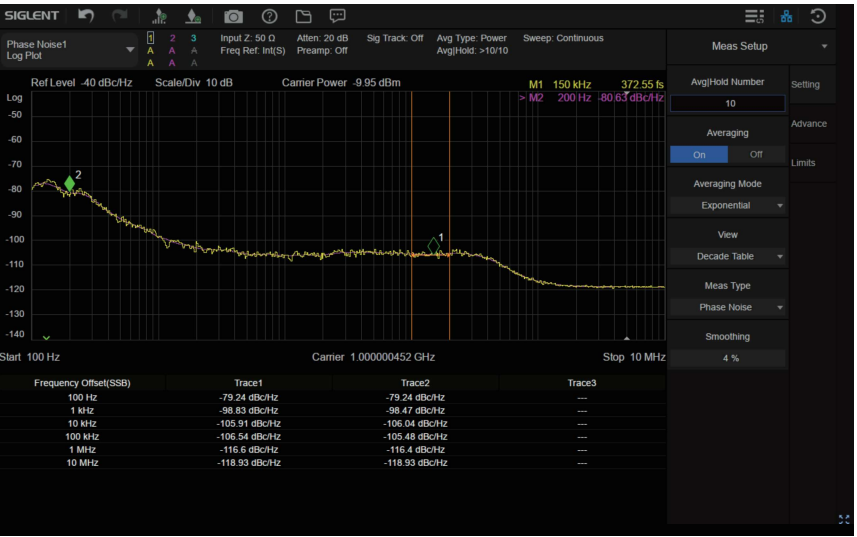
Noise Figure Mode

The noise figure of systems such as amplifiers and frequency converters



Phase Noise Analysis

One-sided band phase noise test analysis, jitter analysis, etc



Pulse Measurement Analysis

Measure the time and frequency parameters of the RF pulses



Model and Main index

Model	SSA5083A	SSA5085A
Frequency Range	9 kHz~13.6 GHz	9 kHz~26.5 GHz
Displayed Average Noise Level	-165 dBm/Hz	
SSB Phase Noise	<-105 dBc/Hz	
Analysis Bandwidth	25 MHz, 40 MHz (opt.)	



Ordering Information

Product	Description	Order Number
Product Code	Spectrum Analyzer, 9 kHz ~ 13.6 GHz	SSA5083A
	Spectrum Analyzer, 9 kHz ~ 26.5 GHz	SSA5085A
Standard	Quick Start, USB Cable, Power Cord, Wireless Mouse, 2.92F-2.92F-40A	
Options	SSA5083A upgrade to SSA5085A	SSA5000-F5
	Pre-Amplifier, 9 kHz ~ 13.6 GHz	SSA5000-P3
	Pre-Amplifier, 9 kHz ~ 26.5 GHz	SSA5000-P5
	40 MHz analysis bandwidth	SSA5000-B40
	Real-Time Spectrum Analysis	SSA5000-RTA1
	Advanced Measurement Kit	SSA5000-AMK
	IQ Data Acquisition	SSA5000-IQA
	Pulse Measurement	SSA5000-PU
	Phase Noise Measurement	SSA5000-PN
	Noise Figure Measurement	SSA5000-NF
	Analog Modulation Analysis	SSA5000-AMA
	Digital Modulation Analysis	SSA5000-DMA
	Bluetooth Analysis	SSA5000-BT
	EMI Measurement	SSA5000-EMI
	IF Output	SSA5000-IFO
Accessories	OCXO Precise Reference source, Factory installed	10M_OCXO_L
	2.92mm(F)-2.92mm(F) adaptor, DC ~ 40 GHz	2.92F-2.92F-40A
	N(M)-N(M) cable, DC ~ 18 GHz, 1000 mm	N-N-18L
	N(M)-SMA(M) cable, 18 GHz, 1000 mm	N-SMA-18L
	SMA(M)-SMA(M) cable, 18 GHz, 1000 mm	SMA-SMA-18L
	SMA(M)-SMA(M) cable, 26.5 GHz, 1000 mm	SMA-SMA-26L
	SMA(F)-SMA(M) cable, 26.5 GHz, 1000 mm	SMAF-SMA-26L
	USB-GPIB Adaptor	USB-GPIB
	300 kHz~3 GHz Near Field Probe Kit: 3 H-probes (20/10/5 mm), 1 E-probe (5 mm)	SRF5030T