



Spectrum & Vector Network Analyzers

Product Selection Guide

Every Bench.
Every Engineer.
Every Day.



Spectrum Analyzer



SSA5000A Series

SSA5085A (9 kHz~26.5 GHz)

SSA5083A (9 kHz~13.6 GHz)

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 ps, 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



SSA3000X Series

SSA3032X (9 kHz~3.2 GHz)

SSA3021X (9 kHz~2.1 GHz)

Features and Benefits:

- -161 dBm/Hz Displayed Average Noise Level (Typ.)
- -98 dBc/Hz @10 kHz Offset Phase Noise (1 GHz, Typ.)
- Total Amplitude Accuracy < 0.7 dB
- 1 Hz Minimum Resolution Bandwidth (RBW)
- Preamplifier Standard
- Up to 3.2 GHz Tracking Generator (Standard)
- Reflection Measurement Kit (Opt.)
- Advanced Measurement Kit (Opt.)
- EMI Pre-compliance Measurements Kit (Opt.)
- 10.1 Inch WVGA (1024x600) Display



SSA3000X Plus Series

SSA3075X Plus (9 kHz~7.5 GHz)

SSA3032X Plus (9 kHz~3.2 GHz)

SSA3021X Plus (9 kHz~2.1 GHz)

SSA3015X Plus (9 kHz~1.5 GHz)

Features and Benefits:

- -165 dBm/Hz Displayed Average Noise Level (Typ.)
- -98 dBc/Hz.@10 kHz Offset Phase Noise (1 GHz, Typ.)
- Level Measurement Uncertainty < 0.7 dB (Typ.)
- 1 Hz Minimum Resolution Bandwidth (RBW)
- Preamplifier Standard
- Tracking Generator
- Analog and Digital Signal Modulation Analysis Mode (Opt.)
- EMI Filter and Quasi-Peak Detector Kit(Opt.)
- 10.1 Inch Multi-Touch Screen , Mouse and Keyboard supported
- Web Browser Remote Control on PC and Mobile Terminals and File Operation



SSA3000X-R Series

SSA3075X-R (9 kHz~7.5 GHz)

SSA3050X-R (9 kHz~5.0 GHz)

SSA3032X-R (9 kHz~3.2 GHz)

Features and Benefits:

- -165 dBm/Hz Displayed Average Noise Level (Typ.)
- -98 dBc/Hz.@10 kHz Offset Phase Noise (1 GHz, Typ.)
- Level Measurement Uncertainty < 0.7 dB (Typ.)
- Preamplifier Standard
- Tracking Generator Standard
- Up to 40 MHz Real Time Analysis Bandwidth
- 100% POI 7.20 ps, Dynamic Range 60 dB
- Multi-view for Density, Spectrogram, PVT, and multi trigger and FMT
- Modulation Analysis up to 40 MHz BW (Opt.)
- EMI Filter and Quasi-Peak Detector Kit(Opt.)
- 10.1 inch Multi-Touch Screen , Mouse and Keyboard supported
- Web Browser Remote Control on PC and Mobile Terminals and File Operation

Spectrum & Vector Network Analyzer



SVA1000X Series

- SVA1075X (9 kHz~7.5 GHz)
- SVA1032X (9 kHz~3.2 GHz)
- SVA1015X (9 kHz~1.5 GHz)

Features and Benefits:

- Vector Network Analyzer Frequency Range from 100 kHz up to 7.5 GHz
- -165 dBm/Hz Displayed Average Noise Level (Typ.)
- -98 dBc/Hz.@10 kHz Offset Phase Noise (1 GHz, Typ.)
- Level Measurement Uncertainty < 0.7 dB (Typ.)
- 1 Hz Minimum Resolution Bandwidth (RBW)
- Preamplifier Standard
- Tracking Generator Standard
- Distance To Fault (Opt.)
- Analog and Digital Signal Modulation Analysis Mode (Opt.)
- EMI Filter and Quasi-Peak Detector Kit(Opt.)
- Advanced Measurement Kit (Opt.)
- 10.1 Inch Multi-Touch Screen , Mouse and Keyboard supported
- Web Browser Remote Control on PC and Mobile Terminals and File Operation

Portable Spectrum Analyzer

SHA850A Series

- SHA852A (9 kHz~7.5 GHz)
- SHA851A (9 kHz~3.6 GHz)

Features and Benefits:

- Spectrum Analyzer Frequency Range from 9 kHz up to 7.5 GHz, -165 dBm/Hz Displayed Average Noise Level (Typ.), -104 dBc/Hz.@10 kHz Offset Phase Noise (1 GHz, Typ.), 1 Hz up to 10 MHz Minimum Resolution Bandwidth (RBW), Preamplifier and independent signal source up to 7.5 GHz, GPS positioning and logging
- Cable and Antenna Test Frequency Range from 100 kHz up to 7.5 GHz, Distance To Fault and Time Domain Analysis
- Vector Network Analyzer, Bias out up to 32VDC
- Typical working time 4 hours, 3.2 kg net weight, 8.4 Inch Multi-Touch Screen , Mouse and Keyboard supported

Portable Signal Analyzer



SHA860A Series

- SHA862A (9 kHz~7.5 GHz)
- SHA861A (9 kHz~3.6 GHz)

Features and Benefits:

- Frequency Range 9 kHz~3.6/7.5 GHz, 5 kHz usable
- Displayed Average Noise Level (DANL) -165 dBm/Hz
- SSB Phase Noise -104 dBc/Hz.@1 GHz, 10 kHz offset
- Analysis Bandwidth 40/110 MHz
- 5G NR OTA Measurement, multi-PCI and multi-beam analysis
- LTE FDD and TDD OTA Measurement, multi-PCI analysis
- Channel Power, Occupied Bandwidth, Adjacent Channel Power, SHI and TOI etc.
- IQ Data Acquisition in 110 MHz Band Width
- Real-Time Spectrum Analysis in 110 MHz Band Width, 100% POI time 3.51 ps
- Pulse Profile Measurements
- Indoor and outdoor map for Coverage Mapping
- Trace Recording/Playback with GNSS location
- AM/FM/PM Analog Modulation Analysis, and ASK/FSK/PSK/MSK/QAM Digital Modulation Analysis
- AM/FM/PM Analog Modulation Audio Tune 8i Listening
- Field Strength (EMF) Measurements and EMI Measurements
- Independent Source to 7.5 GHz
- Vector Network Analyzer, 1-Path 2-Ports S11 and S21 Network Analysis, S11 directionality 40 dB, S21 dynamic 114 dB
- Cable and Antenna Test, Distance To Fault and Time Domain Analysis
- TTA test, bias out 12V to 32V DC
- Chargeable Battery working time 2.5 hours, 3.2 kg net weight
- 8.4 Inch Multi-Touch Screen, mouse and keyboard supported



Vector Network Analyzer



SNA6000A Series

SNA6134A (100 kHz~26.5 GHz)
 SNA6132A (100 kHz~26.5 GHz)
 SNA6034A (100 kHz~26.5 GHz)
 SNA6032A (100 kHz~26.5 GHz)
 SNA6124A (100 kHz~13.5 GHz)
 SNA6122A (100 kHz~13.5 GHz)
 SNA6024A (100 kHz~13.5 GHz)
 SNA6022A (100 kHz~13.5 GHz)

Features and Benefits:

- Frequency range: 100 kHz ~ 13.5 GHz and 100 kHz ~ 26.5 GHz
- Frequency resolution: 1 Hz
- Level resolution: 0.05 dB
- Range of IFBW: 1 Hz~10 MHz
- Setting range of output level: -55 dBm ~ +10 dBm
- Dynamic range: 135 dB
- Types of calibration: Response calibration, Enhanced Response calibration, Full-one port calibration, Full-two port calibration, Full-three port calibration, Full-four port calibration, TRL calibration
- Types of measurement: Scattering-parameter measurement, differential-parameter measurement, receiver measurement, time-domain parameter analysis, limit test, ripple test, impedance conversion, fixture simulation, adapter removal/insertion, spectrum analysis frequency offset, scalar mixer measurement, pulse measurement, Material Measurement
- Internal Bias-Tee connections
- Interface: LAN, USB Device, USB Host (USB-GPIB)
- Remote control: SCPI/ Labview/ IVI based on USB-TMC / VXI-11 / Socket / Telnet / Webservice
- 12.1-inch touch screen
- Video output: HDMI/DVI-D/DP

Vector Network Analyz



SNA5000A Series

SNA5032A (100 kHz~26.5 GHz)
 SNA5022A (100 kHz~13.5 GHz)
 SNA5014A (9 kHz~8.5 GHz)
 SNA5004A (9 kHz~4.5 GHz)
 SNA5012A (9 kHz~8.5 GHz)
 SNA5002A (9 kHz~4.5 GHz)

Features and Benefits:

- Frequency range: 9 kHz~8.5 GHz and 100 kHz~26.5 GHz
- Frequency resolution: 1 Hz
- Level resolution: 0.05 dB
- Range of IFBW: 1 Hz~10 MHz
- Setting range of output level: -55 dBm ~ +10 dBm
- Dynamic range: 125 dB
- Types of calibration: Response calibration, Enhanced Response calibration, Full-one portcalibration, Full-two port calibration, Full-three port calibration, Full-four port calibration, TRL calibration
- Types of measurement: Scattering-parameter measurement, differential-parameter measurement,receiver measurement, time-domain parameter analysis, limit test, ripple test, impedance conversion, fixture simulation, adapter removal/insertion, enhanced time-domain parameter analysis (TDR), spectrum analysis, frequency offset, scalar mixer measurement
- Support Bias-Tees
- Interface: LAN, USB Device, USB Host(USB-GPIB)
- Remote control: SCPI/Labview/IVI based on USB-TMC/VXI-II/Socket/Telnet/ Webservice
- 12.1-inch touch screen
- Video output: HDMI

Portable Vector Network Analyzer



SHN900A Series

SHN926A (30 kHz~26.5 GHz)

SHN920A (30 kHz~20 GHz)

SHN914A (30 kHz~14 GHz)

Features and Benefits:

- Standard VNA and CAT mode, optional SA mode
- Frequency range: 30 kHz - 26.5 GHz
- Frequency resolution: 1 Hz
- Level resolution: 0.05 dB
- Range of IFBW: 10 Hz~3 MHz
- Setting range of output level: -45 dBm ~ +10 dBm
- Dynamic range: 110 dB(Typ.)
- Types of calibration: Response calibration, Enhanced Response calibration, Full-one port calibration, Full-two port calibration, TRL calibration
- Types of measurement: Scattering-parameter measurement, differential-parameter measurement, receiver measurement, time-domain parameter analysis, limit test, ripple test, impedance conversion, fixture simulation, adapter removal/insertion, spectrum analysis frequency offset, scalar mixer measurement, pulse measurement
- Internal Bias-Tee connections
- Support GPS, Time and Location Information Saving
- Interface: LAN, USB Device, USB Host (USB-GPIB)
- Remote control: SCPI/ Labview/ IVI based on USB-TMC / VXI-11 / Socket / Telnet / Webserver
- 8.4-inch touch screen, Mouse, Keyboard
- Typical working time 4 hours, 3.2 kg net weight



T E C H N O L O G I E S
(P V T) L T D .

SIMPLIFYING THE BUSINESS OF TECHNOLOGY TOGETHER...

Accuracy. Innovation. Expertise

The Spirit Of Each New Solution Incorporates The Memory Of The Experience....



About Saifko Technologies

Saifko Technologies Pvt. Ltd. is a leading provider of advanced test and measurement solutions, offering end-to-end services from procurement and customization to integration of high-performance equipment. We deliver tailored solutions across industries like Aerospace, Defense, Telecommunications, Automotive, Medical, Semiconductors, Industrial Automation, White Goods, and Electronics. Driven by innovation, we engineer future-ready test systems, including custom ATE and integrated platforms, empowering clients with precise, efficient, and scalable testing. Our expertise covers the entire product lifecycle, from ideation to execution, offering versatile solutions from standalone units to turnkey systems. **Fundamentally, we optimize technical performance and cost-effectiveness, enabling clients to stay ahead in the rapidly evolving tech landscape**

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