

SHA800A

Handheld Spectrum Analyzer

Data Sheet CN_01A





Product Overview

The ever-expanding application of radio frequency microwave technology has generated a large number of field test requirements in the field of mobile communications and wireless connectivity, and 5G, IoT and other related products

The vigorous explosion of the industry has also brought about an extremely complex electronic measurement environment, and these needs and environments are increasingly shifting from laboratories and workbenches

Engineering field and outdoor applications require analytical measuring instruments for hand-held use.

Dingyang Technology SHA850A handheld spectrum analyzer, supports antenna and cable measurement at the same time, has vector network analysis function, is suitable for engineering site and multifunctional RF measuring instruments for outdoor applications. The size and weight of SHA850A are easy to carry and hold, support multi-touch screen and physical keys,

It can also be directly operated in a portable backpack, with long standby time, suitable for communication engineering, telecom road test operation and maintenance, radio monitoring management, factory production,

Education and teaching and many other scenarios.

SHA850A spectrum analysis measurement range from 9 kHz to 7.5 GHz, built-in amplifier and independent signal source, fast sweep speed, high sensitivity,

Support GPS positioning and recording, can realize broadcast monitoring, wireless interference positioning, channel scanning monitoring, electromagnetic compatibility testing and other functions;

Cable test and network analysis from 100 kHz to 7.5 GHz with full single-port and unidirectional two-port network vector analysis capabilities

Set DC voltage bias, can realize antenna standing wave measurement, cable fault location, tower placement debugging, port matching debugging, echo and insertion loss, Smith

Graph and TDR, etc., have a wide range of applications.

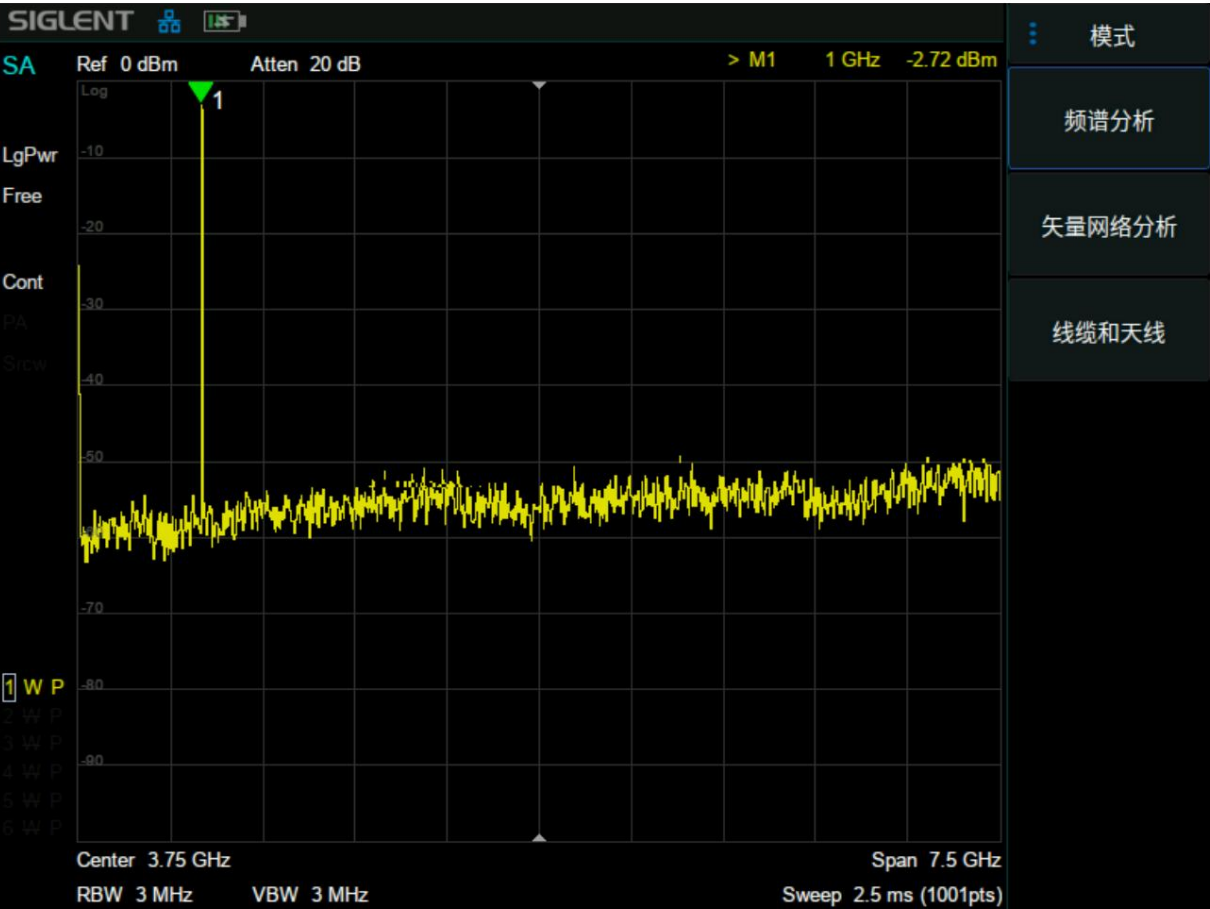
Features and Benefits

- ◆ Typical working time 4 hours, weight 3.2kg, 8.4" multi-touch screen
- ◆ Standard Spectrum Analyzer (SA, Spectrum Analyzer) mode, display average noise level DANL-165 dBm/Hz, single sideband phase
Bit noise SSB less than -104 dBc/Hz, minimum resolution bandwidth (RBW) 1 Hz, optional independent signal source (Source), wireless
Various functions such as power measurement, GPS position measurement and recording
- ◆ Standard antenna and cable measurement (CAT, Cable and Antenna Test) mode, supports standing wave measurement, return and insertion loss measurement,
Cable fault point location, time domain reflection analysis and other functions
- ◆ Optional Vector Network Analyzer (VNA, Vector Network Analyzer) mode, single-port directivity up to 40 dB, dual-port dynamic
114 dB range, 0.015dB rms trace noise, support up to 32V DC voltage bias output

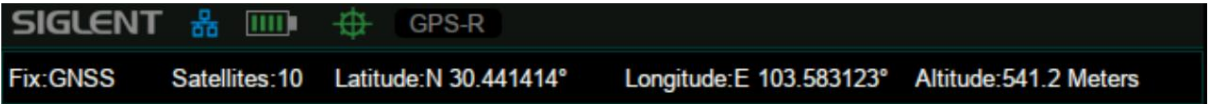
model	SHA851A	SHA852A
Spectrum Analysis Frequency	9 kHz~3.6 GHz	9 kHz~7.5 GHz
Range Cable and Antenna Testing Frequency	100 kHz~3.6 GHz	100 kHz~7.5 GHz
Range Vector Network Analysis Frequency Range	100 kHz~3.6 GHz	100 kHz~7.5 GHz

design feature

8.4 -inch multi-touch screen, support mouse and keyboard control, support network remote control

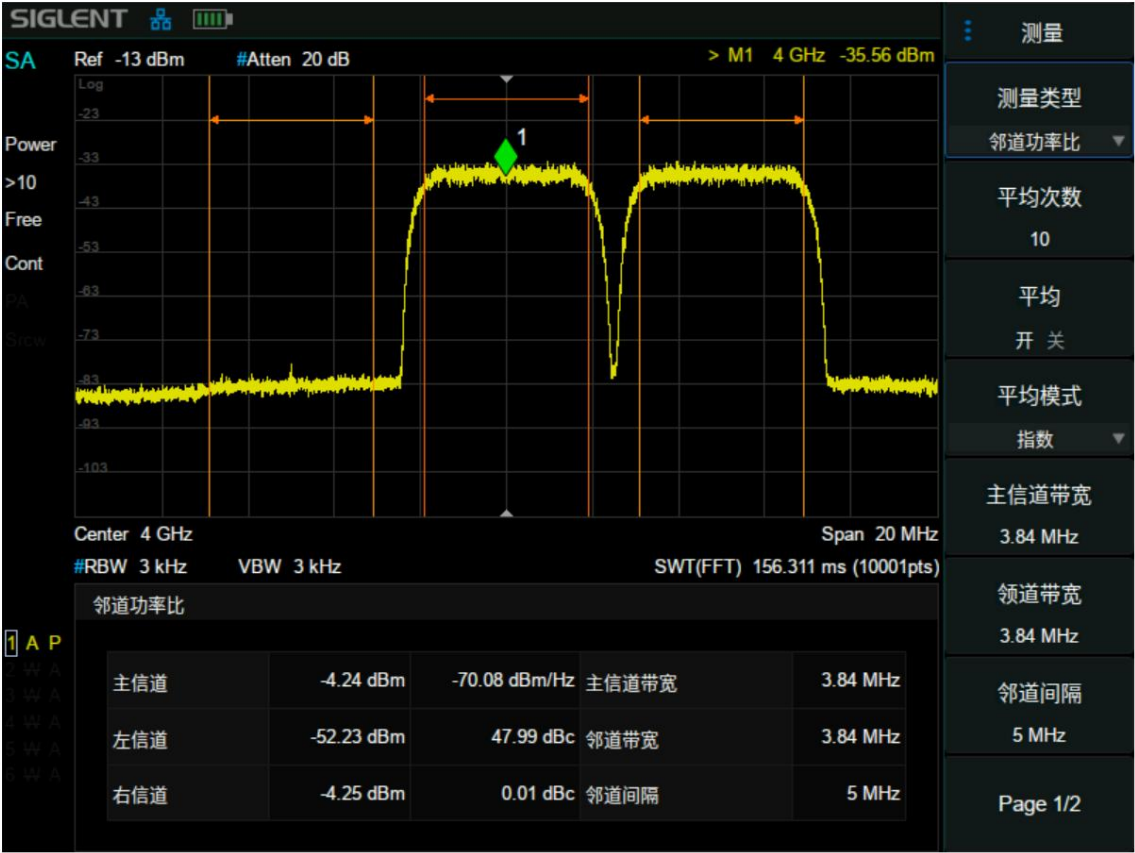


Use **GPS** to locate and record tracks, tame **10MHz** reference clock source





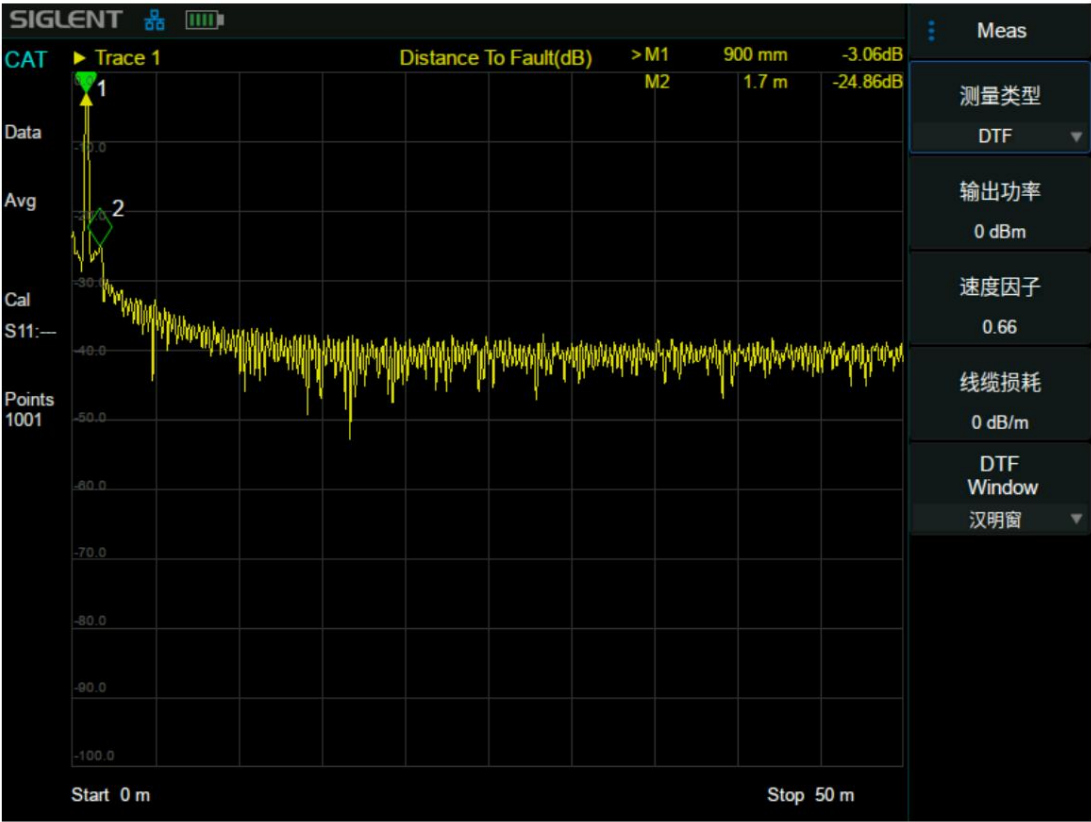
Channel power measurement, adjacent channel power rejection ratio ACPR



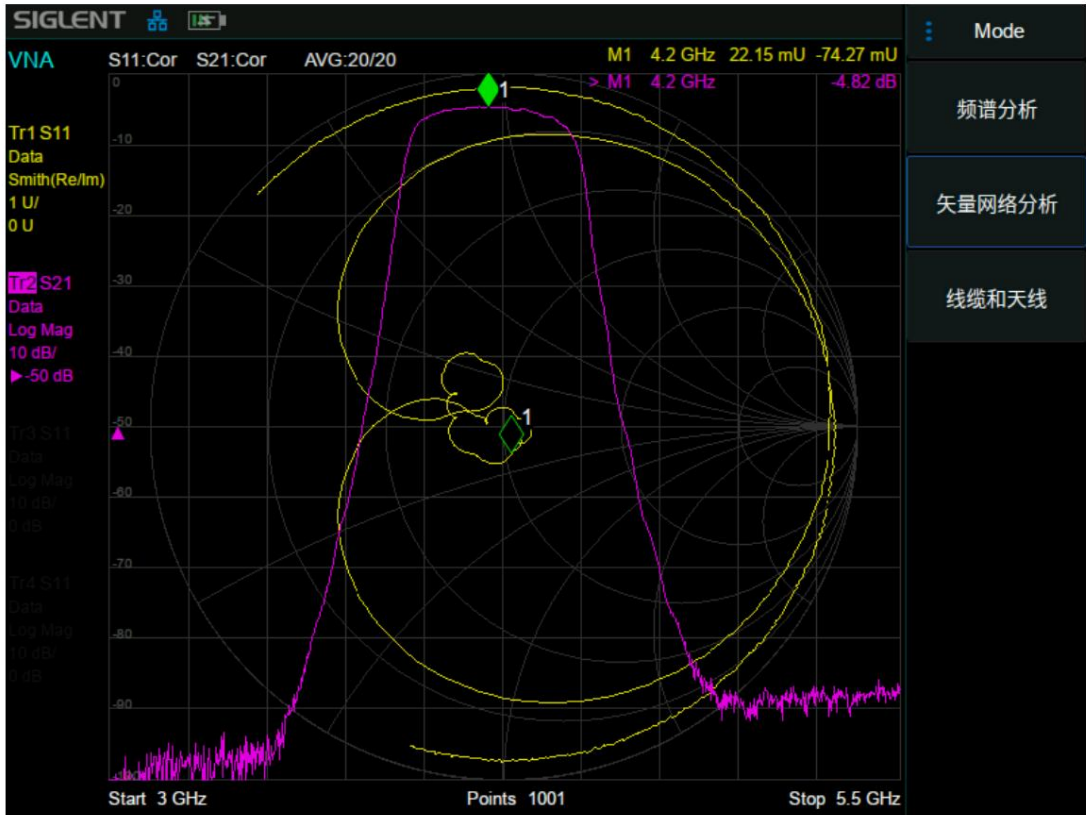
Use directional antennas to troubleshoot sources of interference



Cable and Antenna Fault Location Based on Time Domain Measurements



Smith chart in vector network analysis mode, supporting both vector S11 and S21 measurements





test accessories

Universal tools such as cables and connectors



Radiometric Near Field Probes



50y Mechanical Calibration Kit



GPS antenna



portable backpack



Directional Antenna Set





Definition and Conditions

The applicable conditions of this indicator are that the instrument is in the calibration cycle, within the temperature range of 25±5 \bar{y} , and in the automatic coupling control state, and preheating for 20 minutes.

In addition to the Source metrics, the Spectrum Analysis modes are listed as all Source-off metrics.

The data in this manual, unless otherwise stated, are technical specifications including measurement uncertainty.

Specifications: Indicates the guaranteed parameter performance of the product, measured at room temperature (about 25°C), unless otherwise specified.

Typical value: Indicates the typical performance that can be achieved in 80% of the test results at room temperature (about 25°C), with a confidence level of 95%. This data is not guaranteed data and does not

Contains the uncertainty of the measurement.

Nominal: Indicates the expected average performance or performance characteristics of a design, such as a 50 \bar{y} connector. This data is not guaranteed data and is at room temperature (about 25°C)

Measured and does not include measurement uncertainty.



Spectrum Analysis Mode

Frequency and Time Specifications

frequency		
	SHA851A	SHA852A
Frequency Range	9 kHz~3.6 GHz	9 kHz~7.5GHz
Frequency Resolution	1 Hz	
Frequency Span		
Span Range	0 Hz, 100 Hz to the maximum frequency of the instrument	
Span Accuracy	$\pm \text{Span}/(\text{Number of Scan Points}-1)$	

reference clock source	
Reference	10.000000 MHz
Frequency Reference	$\pm[(\text{time since last adjustment} \times \text{frequency aging rate}) + \text{temperature stability} + \text{initial accuracy}]$
Frequency Accuracy	<1 ppm
Initial Accuracy	<1 ppm@0~50℃
Temperature Stability	<0.5 ppm/first year, 3.0 ppm/20 years
Frequency Aging Rate GPS Taming Clock SHA850-GPS	
Accuracy ± 0.01 ppm after GPS lock	
Accuracy ± 0.4 ppm with GPS disconnected	

cursor	
Cursor frequency resolution span/(sweep points-1)	
Cursor frequency uncertainty $\pm[\text{cursor reading} \times \text{reference frequency accuracy} + 1\% \times \text{span} + 0.5 \times \text{cursor frequency resolution} + 1 \text{ Hz}]$	
Cursor Type	Normal, Difference, Fixed, Relative, Cursor Table
Cursor Function Noise Cursor, N dB Bandwidth, Frequency Counter	
Frequency counter resolution 0.1 Hz	
Frequency counter uncertainty $\pm[\text{cursor frequency reading} \times \text{reference frequency accuracy} + \text{frequency counter resolution}]$	

bandwidth	
Resolution bandwidth (-3dB) 1 Hz ~ 3 MHz, 1-3-10 steps	
Resolution filter shape factor < 4.8 : 1 (60 dB: 3 dB), quasi-Gaussian	
Resolution bandwidth uncertainty < 5%	
Video bandwidth (-3dB)	1 Hz ~ 3 MHz, 1-3-10 steps
Video bandwidth uncertainty < 5%	

Sweep and Trigger			
Scan time		1 ms to 5000 s	1 ms to 7500 s
scan mode	Sweep	3 kHz ~ 3 MHz	
RBW	FFT	1 Hz ~ 10 kHz	
Sweep Points		201~10001	
Sweep Rule		continuous, single	
Trigger Source		free, video, external, cycle	
External Trigger Setting		Level (5V TTL), rising/falling edge	

Amplitude Accuracy and Range Specifications

Amplitude and level	
Amplitude measurement range	DANL to +10 dBm, 100 kHz~1 MHz, preamp off
	DANL to +20 dBm, 1 MHz~7.5 GHz, preamp off
Reference level -200 dBm to +30 dBm in 1 dB steps	
Preamplifier 25 dB, nominal	
Input attenuation 0 ~ 50 dB in 1 dB steps	
Maximum input DC voltage +/- 50 VDC	
Maximum CW RF power 33 dBm, f<10 MHz, 3 minutes, input attenuation >20 dB	
Level display range	
Display logarithmic	1 dB to 200 dB
scale Display linear	0% to 100% (reference level)
scale Level coordinate	dBmȳdBmVȳdBȳVȳAȳVȳWatt
unit Screen display	751
point number Trace	4
quantity Trace detection	Positive Peak, Negative Peak, Sample, Standard, Average (Voltage/RMS/Video)
method Trace function	Clear Write, Max Hold, Min Hold, View, Close, Average

SSB Phase Noise	
offset	20 °C to 30 °C, f _c = 1 GHz, normalized to 1 Hz
10 kHz	-100 dBc/Hz
	-104 dBc/Hz (typ.)
100 kHz	-100 dBc/Hz
	-104 dBc/Hz (typ.)
1 MHz	-114dBc/Hz
	-117dBc/Hz (typ.)



Displays the average noise level **DANL**

	SHA851A	SHA852A
20 μ s~30 μ s, input attenuation 0 dB, sampling detection, average times of traces > 50, normalized to 1 Hz		
front amplifier close	100 kHz ~1 MHz	- 132dBm, - 136dBm (typ.) - 132dBm, - 136dBm (typ.)
	1 MHz~10 MHz	- 142dBm, - 145dBm (typ.) - 142dBm, - 145dBm (typ.)
	10 MHz~600 MHz	- 140dBm, - 143dBm (typ.) - 140dBm, - 143dBm (typ.)
	600 MHz~1.8 GHz	- 138dBm, - 141dBm (typ.) - 138dBm, - 141dBm (typ.)
	1.8 GHz~3.05 GHz	- 134dBm, - 138dBm (typ.) - 134dBm, - 138dBm (typ.)
	3.05 GHz~3.65 GHz	- 137dBm, - 141dBm (typ.) - 137dBm, - 141dBm (typ.)
	3.65 GHz~4.15 GHz	- 137dBm, - 140dBm (typ.)
	4.15 GHz~5.05 GHz	- 135dBm, - 139dBm (typ.)
	5.05 GHz~5.9 GHz	- 135dBm, - 138dBm (typ.)
	5.9 GHz~6.7 GHz	- 136dBm, - 139dBm (typ.)
front amplifier open	6.7 GHz~7.5 GHz	- 134dBm, - 137dBm (typ.)
	100 kHz ~1 MHz	- 132dBm, - 136dBm (typ.) - 132dBm, - 136dBm (typ.)
	1 MHz~10 MHz	- 162dBm, - 165dBm (typ.) - 162dBm, - 165dBm (typ.)
	10 MHz~600 MHz	- 159dBm, - 162dBm (typ.) - 159dBm, - 162dBm (typ.)
	600 MHz~1.8 GHz	- 158dBm, - 161dBm (typ.) - 158dBm, - 161dBm (typ.)
	1.8 GHz~3.05 GHz	- 156dBm, - 160dBm (typ.) - 156dBm, - 160dBm (typ.)
	3.05 GHz~3.65 GHz	- 158dBm, - 161dBm (typ.) - 158dBm, - 161dBm (typ.)
	3.65 GHz~4.15 GHz	- 158dBm, - 160dBm (typ.)
	4.15 GHz~5.05 GHz	- 157dBm, - 160dBm (typ.)
	5.05 GHz~5.9 GHz	-156dBm, -159dBm (typ.)
	5.9 GHz~6.7 GHz	- 155dBm, - 158dBm (typ.)
	6.7 GHz~7.5 GHz	- 154dBm, - 156dBm (typ.)

Frequency response		
	20ÿ~30ÿ, 30%~70% relative humidity, input attenuation 20 dB, reference frequency 50 MHz	
Preamp Off	±0.8 dB, ±0.4 dB (typ.)	
Preamp On Error	±1.2 dB, ±0.6 dB (typ.)	
and Accuracy		
Resolution bandwidth switching error	Logarithmic resolution, relative to 10 kHz RBW	
Difference	±0.2 dB, nominal	
Input attenuation error	20°C~30°C, reference frequency 50 MHz, preamp off, relative to 20 dB attenuation, input attenuation 0~30 dB	
	±0.5 dB	
Absolute amplitude accuracy	20ÿ~30ÿ, fc=50 MHz, RBW=1 kHz, VBW=1 kHz, peak detection, input attenuation 20 dB, 95% confidence	
	±0.4 dB, input signal level -20dBm, preamp off	
	±0.5 dB, input signal level -40dBm, preamp on	
full range accuracy	20ÿ~30ÿ, fc > 100 kHz, input signal level -50 dBm~0 dBm, RBW=1 kHz, VBW=1 kHz, peak detection, input attenuation 20 dB, preamp off, 95% confidence level	
	±0.7 dB	
VSWR	Input attenuation 10 dB, fcÿ1 MHz	
	1 MHz~3.05 GHz	1.7, nominal value
	3.05 GHz~7.5 GHz	1.5, nominal value

Distortion and Spurious Response		
Second harmonic distortion	20~30, $f_c \leq 50$ MHz, input single tone level -20 dBm, input attenuation 0 dB, preamp off	
	50 MHz~3.05 GHz	-65 dBc / +45 dBm, nominal
	3.05 GHz~3.75 GHz	-80 dBc / +60 dBm, nominal
Third-Order Intermodulation Cutoff Point	20~30, $f_c \leq 50$ MHz, input two-tone level -20 dBm, frequency interval 100 kHz, input attenuation 0 dB, preamp off	
	50 MHz~3.05 GHz	+9.5 dBm, typical
	3.05 GHz~7.5 GHz	+16 dBm, typical
1 dB gain compression	20~30, $f_c \leq 50$ MHz, input two-tone frequency interval ≥ 10 MHz, RBW<1kHz, input attenuation 0 dB, preamp off	
	>8 dBm, nominal	
Residual response	20~30, the input port is connected to 50 load, the input attenuation is 0 dB	
	<-90 dBm	
input related spurs	20~30, the mixer level is -30 dBm	
	<-65 dBc	

Signal **sourceSHA850-SOR**

frequency index		
	SHA851A	SHA852A
Frequency	100 kHz ~ 3.6 GHz	100 kHz ~ 7.5 GHz
Range Frequency	1 Hz	
Resolution Power Index		
Output Power Range	-40 dBm ~ 0 dBm	
Output Resolution	1 dB	
Output Flatness ±2 dB, nominal		
Normalized traces are saved to reference traces		
VSWR Connector	< 2, nominal	
and Impedance-N Female, 50Ω		
Average Reverse Safe Power Average Power: 27 dBm (0.5 W)		
Maximum reverse safety level ±50 VDC		

Advanced Measurement Kit **SHA850-AMK**

Power measurement	
Channel Power	Channel power, power integral density
Adjacent Channel Power	Main channel power, left adjacent channel power/power ratio, right adjacent channel power/power ratio
Ratio Occupied Bandwidth	Occupied power, transmission frequency error
Time Domain Power Carrier-	Zero span time integral power
to-Noise Ratio Nonlinear	carrier power, noise power
Measurement	
Third-order Intermodulation	Two-tone peak-based search
Analysis Harmonic Analysis	Maximum harmonic 10
Spectrum Monitoring	
waterfall chart	

Cable and Antenna Measurement Modes

Measurement function		
	SHA851A	SHA852A
Frequency Range	100 kHz ~ 3.6 GHz	100 kHz ~ 7.5 GHz
The number of measurement points is 101~10001, the default is 1001		
Port1 output power -40dBm ~ 0dBm (nominal)		
Maximum measurement distance (meters) (speed coefficient * speed of light (m/s) * (number of measurement points - 1))/(2 * (start frequency - stop frequency (Hz)))		
Minimum distance resolution (m) Maximum measurement distance/number of measurement points		
Calibration Open Response Calibration, Short Response Calibration, All 1-Port Calibration (OSL), Thru Calibration		
Velocity Factor	0.1~1	
Cable Loss	-10 dB/m ~ 100 dB/m	
Trace Function	Trace Memory, Trace Math, Trace Hold, Trace Overlap	
Measurement type	Distance to Fault (DTF),	
	Time Domain Reflectometry (TDR),	
	Return Loss (ReturnLoss),	
	Voltage Standing Wave Ratio (VSWR),	
	Cable loss (1 port),	
	Insertion loss (2 ports)	
Distance to Fault (DTF) Locating faults in cables or transmission lines		
	Formats: Return Loss (dB), Standing Wave Ratio (VSWR), Linear Amplitude (LinMag)	
	Measurement distance display: meters, feet	
	Windowing Form: Rectangular, Hamming	
Time Domain Reflectometry (TDR) to locate cable or transmission line fault location and fault type		
	Format: Resistance (ohm), Linear Amplitude (Lin)	
	Measurement distance display: same as DTF	
	Excitation type: impulse, step	
	Frequency: Low-pass	
	Windowing form: Kaiser window	
	Kaiser parameter beta range: 0~13	
	Time Domain Threshold Type: Band Pass, Notch	
	Time Domain Threshold Shape: Normal, Maximum, Wide, Minimum	
	Threshold setting range: start distance ~ end distance	
Cable loss (1 port) Cumulative loss of cable		
Insertion loss (2 ports) Transmission loss of the cable (or DUT)		



Vector Network Analysis Mode

Stimulate and measure			
Frequency Range		SHA851A	SHA852A
		100 kHz ~ 3.6 GHz	100 kHz ~ 7.5 GHz
Measurement		S11/S21	
parameter IF bandwidth		10 kHz	
Port1 output power		-40dBm ~ 0dBm (nominal)	
display mode		Lin Mag, Log Mag, Phase, Group Delay, SWR,	
		Smith Chart (Lin/Phase, Log/Phase, Real/Imag, R+j*X, G+j*B),	
		Polar Chart (Lin/Phase, Log/Phase, Real/Imag)	
Measurement		101~10001, default 1001	
point trace		4 traces, trace memory, trace math, trace hold, trace overlap	
function Cursor		(6+reference cursor)*4 traces	
calibration			
Directivity after S11 calibration		Calibration piece F504ME, logarithmic amplitude, average times 50, >50MHz	
		> 40 dB	
state		S21/IFBW=10 kHz, Port1 level=0 dBm, Log Mag, Average=50	
		100 kHz ~ 1 MHz	102 dB, 108 dB (typ.) 102 dB, 108 dB (typ.)
		1 MHz ~ 1.5 GHz	109 dB, 114 dB (typ.) 109 dB, 114 dB (typ.)
		1.5 GHz ~3.6 GHz	107 dB, 112 dB (typ.) 107 dB, 112 dB (typ.)
		3.6 GHz ~ 6.5 GHz	105 dB, 109 dB (typ.)
surround		6.5 GHz ~ 7.5 GHz 102 dB, 107 dB (typ)	
Reflected Trace Noise		Amplitude (dB rms) Phase (deg rms)	
IFBW=10 kHz		Frequency 100 kHz~3.5 GHz	0.02 0.3
maximum output power)		3.5 GHz~7.5 GHz	0.03 0.5
Transmission trace noise		Amplitude (dB rms) Phase (deg rms)	
IFBW=10 kHz		100 kHz~3.5 GHz	0.015 0.18
maximum output power)		3.5 GHz~7.5 GHz	0.015 0.40
Calibration item		Short-Circuit Response Calibration	
		Open Response Calibration	
		Full 1-port calibration	
		Thru response calibration	
		Enhanced Thru Response Calibration	
Port Expansion		1 port manual, 2 port manual, 1 port automatic open circuit	
System Impedance		50	
Velocity Coefficient		0.1~1	

input and output

front panel	
RF input	50 Ω , N-type female
independent source	50 Ω , N-type female
USB Host	USB-A 2.0
Audio demodulation output	3.5mm earphones
USB Device	USB-C 2.0
AND	LAN \backslash VXI11 \backslash 10/100 Base \backslash RJ-45
GPS Antenna	SMA female, 3.3V, 50 Ω
Bias Out	SMB type female, 12V-32V, step 0.1V
External trigger input	1 k Ω , 5V TTL, BNC type female
10 M reference input	10 MHz, -5 dBm~+10 dBm, 50 Ω , BNC female
remote control	
remote control interface	LAN \backslash USB-TMC \backslash GPIB (USB-GPIB adaptor)
Remote control capability	SCPI / Labview / IVI based on USB-TMC / VXI-11 / GPIB / Socket / Telnet
	NI-MAX
	Web Browser (HTML 5 Supported)



General technical indicators

Structural Specifications	
size	393 mm x 207 mm x 116.5 mm (W*H*D)
and weight	Net: 3.20 kg (7.0 lb)
Show	TFT LCD, 800x600, 8.4-inch multi-touch screen
storage	Internal storage (Flash) space 256 MByte, external storage (U disk) space 32 GByte
work environment	
Power	Input AC voltage range: 100 V~240 V, 50/60Hz; 100~120V, 400Hz
consumption	20 W (typ.)
temperature environment	Working temperature: 0℃~50℃ Storage temperature: -20℃~70℃
Humidity environment	0℃~30℃, ≤95% relative humidity 30℃~50℃, ≤75% relative humidity
Altitude	Operating altitude: 3000 meters (10000 feet)
Electromagnetic Compatibility	
EN 61326-1: 2013 / EN 61000-3-2: 2014	Class A
EN 61000-3-3: 2013	Plt : 0.65 Pst : 1.00Vdmax : 4.00 %Vdc : 3.00 %V dtLim: 3.30 % dt>Lim: 500ms
IEC 61000-4-2: 2008	AD ±8.0kVVCD ±4.0kV
IEC 61000-4-3: 2006 + A1: 2007 + A2: 2010	80MHz to 1000MHz: 10V/mV1.4GHz to 2.0GHz:3V/mV2.0GHz to 2.7GHz:1V/m
IEC 61000-4-4: 2004 + A1: 2010	AC Line±2.00kV
IEC 61000-4-5: 2005	Line to Line: 1.0kVV Line to Earth: 2.0kV
IEC 61000-4-6: 2008	0.15-80MHz:3V 1kHz 80% AM
IEC 61000-4-8: 2009	30A/mV 50/60Hz
IEC 61000-4-11: 2004 Voltage Dips:0%/0.5P;40%/10P;70%/25P; Short Interruptions Test Level%UT:0%/250P	
safety	
IEC 61010-1:2010/EN 61010-1:2010	
CAN/CSA-C22.2 No.61010-1:2012V	
CAN/CSA-C22.2 No.61010-2-30:2012V	
UL 61010-1:2012V	
UL 61010-2-30:2012	
RoHS	
2011/65/EU	

Ordering Information

product name	SHA800A Series Handheld Spectrum Analyzer	order number
host information	Spectrum Analysis 9 kHz~3.6 GHz, Antenna and Cable Measurement 100 kHz~3.6 GHz SHA851A	
	Spectrum Analysis 9 kHz~7.5 GHz, Antenna and Cable Measurements 100 kHz~7.5 GHz SHA852A	
Standard accessories	Rechargeable Lithium Battery, AC-DC Adapter, Quick Guide	
Measurement options	SHA851A upgrade to SHA852A	SHA850-F2
	Independent Signal Source VNA Network	SHA850-SOR
	Analyzer Advanced Measurement Kit:	SHA850-VNA
	Channel power, adjacent channel power ratio, occupied bandwidth, time domain power, carrier-to-noise ratio, Harmonic analysis, third-order intermodulation analysis, waterfall diagram, etc.	SHA850-AMK
	Bias DC Bias Output	SHA850-BIAS
	GPS receiver	SHA850-GPS
	GPS location recording (requires GPS	SHA850-GPSM
	receiver) Rechargeable lithium battery, 10.8V,	SHA800-BAT
	74Wh AC-DC adapter, 12V, 4A Portable	SHA800-AP
	backpack GPS external antenna, SMA male,	SHA800-BG
	100 cm S5001 directional antenna kit:	ANT-GPS1
	HF antenna (10MHz~200MHz), VHF antenna (10MHz~200MHz), UHF antenna (200MHz~500MHz), Amplifier (10dB, 9kHz~8GHz)	ANT-DA1
	SRF5030T Near Field Probe Kit: 3 H-field probes (20 mm, 10 mm, 5 mm), 1 E-field probe (5 mm), 300 kHz to 3 GHz	SRF5030T
	Universal Tool Kit: N(M)-SMA(M) Cable (6 GHz), N(M)-N(M) Cable (6 GHz), N(M)-BNC(F) adapter x2, N(M)-SMA(F) adapter x2, 10 dB 1W Attenuator	UKitSSA3X
Universal Measurement Accessories	N(M)-BNC(M) Cable, 70cm, 2 GHz N(M)-SMA(M)	N-BNC-2L
	Cable, 70cm, 6 GHz N(M)-N(M) Cable, 70cm, 6	N-SMA-6L
	GHz N(M)-N(M) Coaxial Cable DC~18 GHz, 1000	N-N-6L
	mm N(M)-SMA(M) Coaxial Cable DC~18 GHz, 1000 mm SMA(M)-	NN-18L
	SMA(M) Coaxial Cable Cable DC~18 GHz, 1000 mm N Precision	N-SMA-18L
	Calibration Kit, DC~9GHz, 50 ȳ 3.5mm Precision Calibration Kit, DC~9GHz,	SMA-18L
	50 ȳ N(M) Economical Mechanical Calibration Kit, DC~4.5GHz, 50 ȳ N(F)	F504TS
	Economical Mechanical Calibration Kit, DC~4.5GHz, 50 ȳ 3.5mm(M)	F604TS
	Economical Mechanical Calibration Kit, DC~4.5GHz, 50 ȳ	F503ME
		F503FE
		F603ME
Network Analysis Calibrator		



3.5mm(F) Economical Mechanical Calibration Kit, DC~4.5GHz, 50	F603FE
50 N(M) Precision Mechanical Calibration Kit, DC~9GHz, 50 50 N(F)	F504MS
Precision Mechanical Calibration Kit, DC~9GHz, 50 50 3.5mm(M)	F504FS
Precision Mechanical Calibration Kit, DC~9GHz, 50 50 3.5mm(F)	F604MS
Precision Mechanical Calibration Kit, DC~9GHz, 50 50	F604FS



关于鼎阳


鼎阳科技 (SIGLENT) 是通用电子测试测量仪器领域的行业领军企业。同时,也是通用电子测试测量仪器行业第一家 A 股上市公司。

2002 年,鼎阳科技创始人开始专注于示波器研发,2005 年成功研制出第一款数字示波器。历经多年发展,鼎阳产品已扩展到数字示波器、手持示波表、函数/任意波形发生器、频谱分析仪、矢量网络分析仪、射频/微波信号源、台式万用表、直流电源、电子负载等基础测试测量仪器产品,是全球极少数能够同时研发、生产、销售数字示波器、信号发生器、频谱分析仪和矢量网络分析仪四大通用电子测试测量仪器主力产品的厂家之一,是这四大主力产品领域唯一一个国家级重点“小巨人”企业。同时也是国内主要竞争对手中唯一一个同时拥有这四大主力产品并且四大主力产品全线进入高端领域的厂家。公司总部位于深圳,在美国克利夫兰和德国奥格斯堡成立了子公司,在成都成立了分公司,产品远销全球 80 多个国家和地区, SIGLENT 已经成为全球知名的测试测量仪器品牌。

联系我们

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