

HSA1000 Series - Features and Benefits



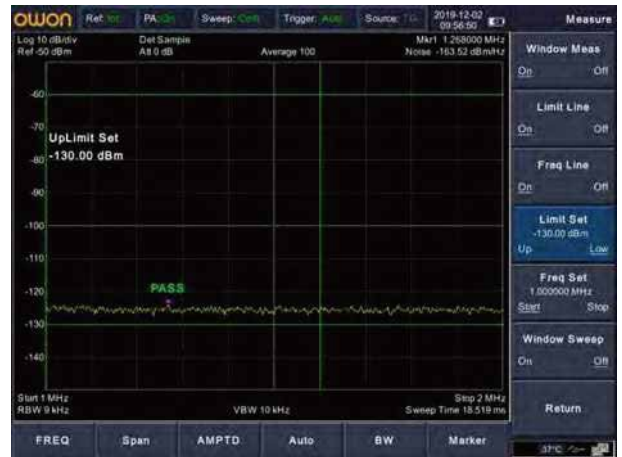
- Frequency Range from 9 kHz up to 3.6 GHz
- -160dBm Displayed Average Noise Level
- Phase Noise -80dBc/Hz @1Gz and offset at 10kHz
- Total Amplitude Accuracy < 1.5dB
- 10Hz Minimum Resolution Bandwidth (RBW)
- Standard GPS receiver, optional antenna, the latitude/longitude information and test information can be recorded
- Li-ion battery, operating life up to 4 hours, easy replacement, you can purchase extra batteries for longer test time.
- 8-inch (1024*768) IPS LCD touchscreen, built-in light sensor to adjust the screen backlight according to the environmental light.



◀ **With a Carrying case (optional), you can free your hands and make on-site work more convenient.**

Pass/Fail function

Quickly determine if the test results pass



Provides EMI pre-compliance test function

Equipped with EMI filter (6dB) and peak detector as standard, it is more accurate for EMI pre-test and diagnosis, and complete testing and production report can be completed by using supporting software.





▶ **Provide EMC test function (requires optional software)**

Built-in more than 200 mainstream EMC test standards and regulations templates. The user selects the corresponding template, and the software automatically sets the spectrum analyzer and records the test data. The data and regulations can be compared on the same screen. Users can also customize regulations for comparative analysis.

Model	HSA1016TG	HSA1036TG
Frequency Range	9kHz-1.6 GHz	9kHz-3.6 GHz
Frequency Resolution	1Hz	
Aging rate	<1ppm/Year	
Phase Noise (fc=1GHz)	< -80 dBc/Hz @10 kHz offset	
Resolution Bandwidth (-3dB) (RBW)	10 Hz to 500 kHz (1-10 steps by sequence), 1 MHz, 3 MHz	
Video Bandwidth(-3dB)(VBW)	10Hz tp 3MHz	
Display Average Noise Level (DANL)	(Input Attenuation= 0 dB, Sample Detector, Trace Average ≥20, 20°C to 30°C, Input Impedance=50 Ω, RBW normalizes to 1Hz)	
1MHz-10MHz	-160dBm (Typical)	
10MHz-1GHz	-160dBm (Typical)	
1GHz-1.5GHz	-158dBm (Typical)	
1GHz-3.6GHz	-158dBm (Typical)	
Detectors	Positive-peak, negative-peak, sample, normal, RMS	
Trace functions	Clear write, Max Hold, Min Hold, View, Blank, Average	
level unit	dBm, dBuW, dBpW, dBmV, dBuV, W, V	
Tracking generator (-TG Model)	100 kHz-1.6 GHz	100 kHz-3.6 GHz (Tracking generator) 35 MHz-3.6 GHz (signal generator)
Output power level range (-TG Model)	-30 dBm-0 dBm	
Output power level resolution (-TG Model)	1dB	
Communication Port	USB HOST, USB DEVICE, LAN, earphone port	
Display	8 inch touch LCD	

Specifications subject to change without prior notice.

+ Accessories The accessories subject to final delivery.



Power Cord



USB Cable



Adapter



Quick Guide



CD Rom



Metal Case



GPS antenna



Soft Bag (optional)