

Spectrum Analyzer Module(SAM) (Model # : ASA-3000)



▢ Description

- MEASURING FREQUENCY RANGE 100KHz ~ 3GHz
- PORTABLE
- SMALL SIZE AND WEIGHT
- BEST PRICE VERSUS PERFORMANCE
- LOW POWER CONSUMPTION
- APPLICATION FOR MOBILE REPEATER AND BASE STATION MANAGEMENT

▢ Function

- Center Frequency
 - Span
 - RBW
-
- VBW
 - Manual Attenuator
 - Auto Attenuator
 - Input Power Offset
 - Scale
 - Reference Level
 - Average Count
 - maxhold
 - Snap Shot Hold
 - Marker Function
 - Channel Power
 - ACPR
 - ACLR
 - Capture Save
 - Over Power Alarm

▢ Specifications

Frequency	Specifications	
Frequency Range	100KHz ~ 3GHz	
Reference Frequency	10MHz	
Frequency Span	0Hz, 100KHz ~ 3GHz	
SSB Phase Noise	-90dB/Hz typical. @100KHz	
Resolution Bandwidth (-3dB)	1KHz ~ 1MHz	1,3 steps
Video Bandwidth	100Hz ~ 1MHz	1,3 steps
Spurious Response	<-60dB	
Harmonics	<-40dB	
Amplitude		
Input damaged level	+26dBm	CW
Permissible DC voltage	+50V DC	@ RF Input
Amplitude Accuracy	< 1.5dB	
RF Attenuator	0 ~ 30dB	10dB step
Displayed average noise level	-100dBm typical	RBW30KHz, VBW100Hz
Reference Level	-80dBm ~ +20dBm	

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Display Range	50dB, 20dB, 10dB, 1dB	
Display Units (Logarithmic)	dBm, dBV, dB μ V, dBmV,	
Display Units (Linear)	μ V, mV, V, nW, μ W, mW, W	
Sweep		
Sweep time	min. 20ms	
Detection Mode	Sample	
Trigger mode	Auto	
Functions		
Marker functions	Peak, next peak, minimum, maker to center, maker to reference, Normal, Delta, Peak to Peak, Next peak, etc..	
Number of marker	6 markers	(Delta marker)
Traces	3 trace and 3 memory trace	
General		
Input Impedance	50 Ω	
Input Connector	N female	
Input VSWR	2 : 1 Type	
Operating Temperature	0 $^{\circ}$ C ~ 50 $^{\circ}$ C	
Storage Temperature	-20 $^{\circ}$ C ~ 60 $^{\circ}$ C	
DC Voltage	9V	
Battery	6V, 5A	
Dimension (W x H x D)	190x300x140 (mm)	

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com