

S3532 Series Spectrum Analyzer



S3532 handheld spectrum analyzer is a stable and good performance product. S3532 provides a cost effective solution for spectrum analysis. It is suitable for RF component R&D, manufacture, maintenance and education.

Key Features

- Good specification with small size, low weight.
- Multiple communication interfaces, support SCPI for remote access
- Multi-window, multi-trace display

Typical Applications

- RF component manufacture/maintenance
- RF system test
- Education

		S3532A	S3532B
Specification			
Frequency range		9kHz - 3.6GHz	9kHz - 7.5GHz
Resolution		1Hz	1Hz
RBW Range		1Hz - 500kHz, 1MHz, 3MHz	1Hz - 500kHz, 1MHz, 3MHz
VBW Range		10Hz - 3MHz	10Hz - 3MHz
DANL (CF = 1GHz, RBW=1Hz)		<-135dBm Preamp off <-155dBm Preamp on	<-133dBm Preamp off <-148dBm Preamp on
SSB Phase Noise (CF=500MHz, RBW=1kHz)	Carrier offset 30kHz	-90dBc/Hz	-80dBc/Hz
	Carrier offset 100kHz	-100dBc/Hz	-90dBc/Hz
	Carrier offset 1MHz	-115dBc/Hz	-110dBc/Hz
Maximum safe input level	Average continuous power	+27dBm	+23dBm
	DC voltage	50Vdc maximum	50Vdc maximum
Input attenuator range		0 - 39dB, Steps of 3 dB	0 - 30dB, Steps of 1 dB
TOI	>30MHz	+13dBm	+15dBm
SHI		+30dBm	+40dBm
Input related spurious		<-60dBc	<-60dBc
Inherent residual response		<-85dBm	<-85dBm
Test Port		Type -N female (50Ω)	
Communication Port		USB, LAN	
General data			
Display		8.4 inch TFT LCD	8.4 inch TFT LCD
Dimensions		390(H)×182(W)×230(D)mm	390(H)×182(W)×230(D)mm
Weight		6.5Kg	6.5Kg
Power		100V - 240V, 60Hz AC	100V - 240V, 60Hz AC