KUSAM-MECO®
An ISO 9001:2015 Company

SPECTRUM ANALYZER
MODEL - SA9232

THINK SAFETY
THINK KUSAM-MECO®

Features

- Frequency range from 9kHz to 7.5GHz
- < -100 dBc/Hz @10 kHz Offset Phase Noise (Typ.)
- Total Amplitude Accuracy < 0.8 dB
- Preamplifier and EMI filter are standardly configured

NEW



Specification

Preliminary Data

Frequency	
Range	9kHz ~ 3.2GHz
Resolution	1Hz
Frequency Span	
Frequency Span Range	0Hz, 100Hz ~ 3.2GHz
Uncertainty	±span/(sweep points-1)
SSB Phase Noise	-96dBc/Hz (10 kHz offset, fc=1.0GHz)
Bandwidth	
Resolution Bandwidth (-3dB)	10Hz ~ 1MHz, step 1-3-10,
RBW Uncertainty	10%, nominal (RBW>1kHz) 20%, nominal(RBW≥10Hz, sweep time≥5s)
Video Bandwidth (-3dB)	1Hz to 1MHz, step 1-3-10
Amplitude	
Range	DANL to +20dBm
Maximum Input Level	DC Voltage: 50V CW RF Power: +20dBm (0.1W) Max.Damage Level: +30dBm (1W)
Displayed Average Noise Level (DANL)	
DANL (Preamplifier Off)	-100 dBm, typ. -110 dBm (100 kHz to 20 MHz) -130 dBm, typ. -135 dBm (20 MHz to 7.5 GHz)
DANL (Preamplifier On)	-127dBm, typ. -135dBm (100 kHz to 20 MHz) -146 dBm, typ. -152 dBm (20 MHz to 7.5 GHz)
Reference Level Range	-100 dBm to +30 dBm, step 1 dB
Sweep	
Sweep Time Range	1ms to 7500 s (100Hz≤Span≤7.5GHz) 20 µs to 7500 s (Span=0 Hz)
Sweep Time Uncertainty	5%, nominal (100Hz≤Span≤7.5GHz) 0.5%, nominal (Span=0 Hz)
Sweep Mode	Continuous, Single
Trigger	
Trigger Source	Free, Video, External
External Trigger Level	5 V TTL level
Advanced Measurement	
Channel Power, Adjacent Channel Power, N-dB bandwidth, Occupied Bandwidth	
EMI	200Hz, 9kHz, 120kHz
Input/Output	
RF Input Impedance	50 Ω
Standard frequency	Frequency: 10MHz Amplitude: 0dBm~10dBm (input)-3dBm to +3dBm (output)
Interface	
Type	USB Host & Device, LAN, VGA
General Characteristic	
Power Supply	Input Voltage: AC100V to 240V Frequency: 50/60Hz (1±10%) Power Consumption: 35W
Dimension & Weight	363×154×327mm(W×H×L), Approx. 6.0kg







Standard Accessories

Standard	Power Cord	1
	N-BNC Adapter	1
	CD(Software+ User's Guide)	1

Options

Tracking Generator
N-SMA Adapter, N-SMA Cable, BNC-BNC Cable,
USB cable, RS-232 cable
Attena 1(900MHz/1.8GHz), Attena2 (2.4GHz)
Near Filed Probe Set SY5030



All Specifications are subject to change without prior notice.

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