AVCOM Of Virginia Inc.
www.avcomofva.com
7729 Pocoshock Way
N Chesterfield, VA 23235
804-794-2500

RSA SERIES

EOL Product
Refer to EVO-RSA-SERIES as a replacement

Rack Mount Wideband Spectrum Analyzer

Monitor And Control Multiple Terminals Via IP

- Up to 6 Inputs in 1RU Enclosure
- Easily Integrated into OEM Applications
- Excellent Amplitude and Frequency Response
- Full Remote Monitor and Control via IP; Ethernet
- GUI Software Included License-free
- Options for Extended Amplitude Range, Frequency Bands and LNB Power

Mount Design for Remote Monitoring and Control

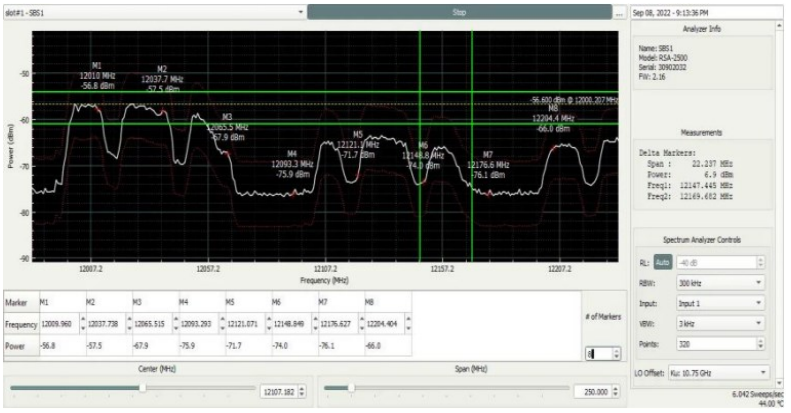
The RSA offers the integrator total flexibility in a 1RU chassis. Configuration option makes the RSA the spectrum analyzer of choice with many SATCOM facilities. The RSA can support up to 6 inputs. Up to 16 different RSA's can be monitored simultaneously from three locations via IP using the AVCOM EVO GUI software. Other options include choice of input connectors, LNB power, preamps if trying to view very low-level signals, attenuators if viewing higher level signals, and down converters for viewing higher input frequencies. Whether you need a custom design or a simple design for your SATCOM needs, the RSA offers versatility at its best.

Performance & Specifications

The RSA is designed for the measurement and analysis of communications and broadcast carriers, making link, L-Band carriers, IF, and 10MHz reference signals easy to measure, monitor, and store. The RSA provides excellent uplink, downlink frequency and amplitude accuracy along with resolution bandwidth (RBW) selection from 10kHz to 1Mhz. This is required to allow viewing and monitoring of Telemetry, Tracking, Command Systems (TT&C), data carriers found in many satellite systems, spread spectrum, and Wi-Fi as well. Variable reference levels (RL) from -10dB to -50dB make viewing of smaller to larger signals possible.

Versatile Remote-Control Software

The RSA can provide discrete remote monitoring and control from anywhere in the world. The RSA is monitored and controlled using the Avcom Remote Control Software EVO-GUI via USB, or Ethernet. The EVO-GUI has an intuitive user interface that is easy to use with no special training required. Up to sixteen windows can be displayed at one time. The Avcom GUI will run on the WINDOWS OS. The GUI is preconfigured for actual remote analyzers we keep online so that you can try the software before purchasing. Please contact Sales for more information on getting the software



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RSA-2500B - TECHNICAL SPECIFICATIONS DATA

PARAMETER	PERFORMANCE
FREQUENCY RANGE	5MHz – 2300MHz
SPAN WIDTH	Up to 1300 MHz (Dependent on Center Frequency)
RESOLUTION BANDWIDTH	10kHz, 100kHz, 300kHz, 1MHz
RF SENSITIVITY	Greater than -85 dBm Typical
REFERENCE LEVELS	Selectable -10 dBm to -50dBm in 5 dBm increments
SCALE	5 dB/Div & 2 dB/Div
DYNAMIC RANGE	50dBm GUI window
AMPLITUDE ACCURACY	± 1 dB typical
FREQUENCY ACCURACY	± 1kHz typical
MAX RF INPUT	25 VDC MAX (DC Blocked), +30dBm (1W)
INPUT IMPEDANCE	50 Ω
AMPLITUDE RANGE	0 dBm to -85 dBm (standard) 0 dBm to -105 dBm (preamp option) +10 dBm to -65 dBm (attenuator option)
INPUT CONNECTOR	Input 1: BNC standard. F, TNC, SMA, N available. Inputs 2-6: Optional
OPERATING TEMPERATURE RANGE	10°C to +60°C
PHYSICAL DIMENSIONS	19” W x 18” L x 1.75” H
WEIGHT	7lbs
POWER REQUIREMENTS	+15 VDC/9W; Universal AC-DC Converter Included with IEC Type 1 plug

Options

- Up to six inputs in any combination (BNC, F, TNC, SMA, and N available)
- Preamp (-70dBm Reference Level)*
- Attenuator (+10dBm Reference Level)*
- LNB power; *Available on inputs 1-6, individually