

## EVO-RSA-6070A

### Rack Mount Extended Frequency Remote Spectrum Analyzer



- Hybrid Swept-FFT Technology
- Frequency Range: 70MHz – 6 GHz
- Span up to 3 GHz
- Dynamic Range: 60 dB
- Connectivity: Ethernet, USB, RS-232
- M & C: Web GUI, Avcom's standard GUI, POSIX-Compliant API, SCPI
- Inputs: 1 or 2. Contact Sales for pricing on additional inputs.
- Options: External Reference Input (coming soon), GPS Disciplined Precision Reference (coming soon)

#### **Rack Mount for Performance and Reliability**

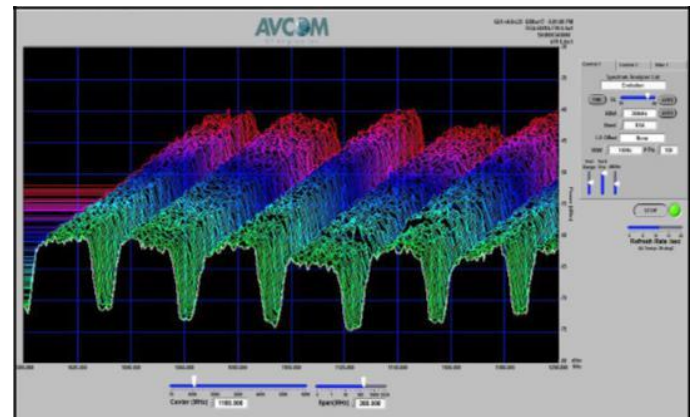
The NEW EVO Series is built on Avcom's completely new technology platform designed for higher performance, agility and growth in a world of ever-changing requirements.

Avcom has designed an SDR-style technology analyzer with a wide bandwidth receiver, employing FPGA, DSP, and high performance processors. The analyzer is based on a hybrid swept-FFT technology which provides extended frequency range and higher resolution.

#### **Versatile Remote Control Software**

The NEW web GUI (graphical User Interface) is an excellent tool to access, monitor, and control the analyzer functions, alarm monitoring, and data logging features. The EVO Series is compatible with Avcom's standard GUI as well. They can be accessed via USB, ethernet, and RS-232. A POSIX-Compliant API is available. SCPI is supported.

**"Following the Signal"**, and listening to our customers, this series is perfectly suited to provide functionality in earthstations, teleports, and RF signal monitoring environments. The EVO Series of analyzers is an excellent addition to the Avcom family of products for demanding applications which require the extended performance characteristics, while still providing Low cost-of-ownership and a highly cost-effective and reliable professional product.



## TECHNICAL SPECIFICATIONS

FREQUENCY RANGE:	70MHz – 6GHz
SPAN WIDTH:	Up to 3000 MHz
RESOLUTION BANDWIDTH:	1kHz - 10MHz
MAX FFT BW:	50MHz
SFDR:	60dB
REFERENCE LEVELS:	Selectable -10 dBm to -50dBm in 5 dB increments
SCALE:	5 dB/Div & 2 dB/Div
AMPLITUDE ACCURACY:	± 1 dB typical
FREQUENCY ACCURACY:	± 1kHz typical
MAX RF INPUT:	25 VDC MAX (DC Blocked)
INPUT IMPEDANCE:	50 Ω
INPUT CONNECTOR:	1-2 inputs standard. SMA standard. N available.
OPERATING TEMPERATURE RANGE:	-10°C to +60°C
SIZE:	19" W x 18" L x 1.75" H
WEIGHT:	7.8lbs
POWER REQUIREMENTS:	+15 VDC/9W

*Pre - Production Release. Specifications subject to change. ©2017 Avcom of Virginia, Inc.*

### **Options**

- Choice of connector type\*
- Attenuator\*
- Preamp\*

*\*Available on inputs 1-2, individually.*

*Accessories include universal AC adaptor (100 to 240Vac), AC cord, PC software, RS-232 and Ethernet cables.*