

Rack Mount Spectrum Analyzer



- ✓ High Resolution Full VGA Color Display
- ✓ Fits into Tektronix 1700 Series Dual Mount tub Designed for Satellite News Gathering Market
- ✓ DSP Technology allows refresh rates up to 13/sec
- ✓ Digital Tuning for Excellent Frequency Accuracy
- ✓ 4 Resolution Bandwidth Selections
- ✓ Ethernet & Serial Communications allowing Full Remote Control Capability
- ✓ User Friendly and Intuitive GUI

SNG-2150C

Technical Specifications

Frequency Coverage:	950MHz – 2,150 MHz
Span Width:	0 - 1300 MHz
Resolution Bandwidth:	10KHz, 100KHz, 300KHz, 1MHz
RF Sensitivity:	Greater than - 85 dBm Typical
Reference Levels:	Selectable - 10 dBm to - 30 dBm in -50 dB
Scale:	5 dB/Div & 2 dB/Div
Dynamic Range:	40 dB on Application Window
Amplitude Accuracy:	+/- 1 dB typical
Frequency Accuracy:	+/- 1KHz typical
Input Connector:	“BNC” Type others available
Size:	8.0” x 4.75” x 16.5”
Weight	5 Lbs.
Power Requirements:	+15 VDC
Display:	Full VGA Color LCD

Note: Specifications are based on Avcom control system and graphical user interface and may vary depending on the control system used. Please contact for specifications based on the selected platform.
Specifications subject to change
SNG-2150C

Direct Replacement for TEK 1705A

The long awaited SNG-2150C is finally here and is well worth the wait! The SNG-2150C is Avcom's answer to the discontinued Tektronix 1705A with a feature set that is second to none giving the Satellite Technician a very useful tool for finding and peaking on satellites. The SNG-2150C is not only a spectrum analyzer, but also a carrier monitor with features such as carrier masking, screen shot capture and recording, Satellite ID, and Automated Data Acquisition (DAQ) with tolerance comparison and integrated email alerts only to name a few. The SNG-2150C also offers L.O. Frequency Offset which allows the operator to display the frequency in L-Band, C-Band, X-Band, Ku-Band or Ka-Band, or any custom band needed.

Improved Performance & Specifications

The new SNG-2150C was designed with excellent frequency and amplitude accuracy as well as a wide variety of resolution bandwidth selections ranging from 10kHz to 3MHz. This is required to allow for viewing and monitoring of small TT&C and data carriers found in many satellite communications markets today. The front panel has independent control of Frequency & Span with settings for Fine, Medium and Coarse to allow the operator to dial into the carrier and control the display as needed.

Versatile Graphical User Interface

The SNG-2150C can be monitored and controlled both locally from the front panel with the color LCD or remotely using the Avcom Graphical User Interface (GUI) via the serial or Ethernet ports. The remote GUI will allow for remote monitoring and control from anywhere in the world via the Internet. If used in a SNG truck the operator can use a high speed cellular broadband card to remotely monitor and control a truck anywhere in the world which is a necessity for assisting an inexperienced operator.