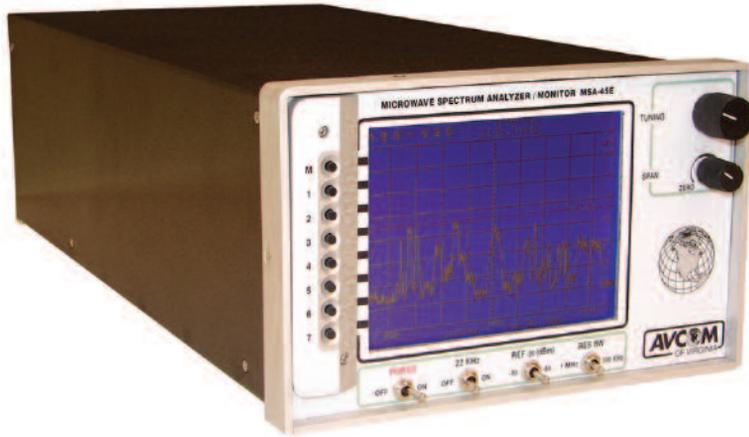


# Uplink Analyzer

Satellite Uplink Trucks, Fixed & Fly Away Uplinks



- ✓ 950-2150 MHz Spectrum Analyzer
- ✓ Dual Resolution Bandwidth
- ✓ Your Cost Effective Solution
- ✓ Multi-Function LCD Display
- ✓ 50 User Memory Screens
- ✓ Standard 1/2 Width 19" Rack Mount

## Microwave Spectrum Analyzer

MSA-45E Spectrum Analyzer provides the optimum use of rack mount space for the mobile communications vehicle or fixed installation. Perfect for uplink trucks, fly-aways, and fixed uplinks the entire L-Band spectrum of 950-2150 MHz displays satellite signals for ease of identification of the satellite and maximizing the signal strength. A precision rotary encoder continuously tunes the entire bandwidth of the analyzer for a quick and accurate display. Display response to varying signal conditions is instantaneous.

## MSA-45E

### Technical Specifications

Frequency Coverage:	L-Band, 950-2150 MHz Analyzer
Frequency Display:	±100 KHz, On Screen
Span:	Greater Than 1200 MHz to 0
Resolution Bandwidth:	1MHz or 300KHz
RF Sensitivity:	Greater Than -85 dBm Typical
Reference Levels:	-10, -30, -50 dBm
Scale:	5 dB/Division
Amplitude Accuracy:	± 2 dB
Dynamic Range:	40 dB On Screen
Input Connectors:	BNC, 50 Ohm
LNB Power:	+13/18 VDC & 22 KHz Signal
Size/Weight:	5.25" H x 1/2. 19" Standard Rack Space; 16 lbs. 29.2 cm x 14.0 cm x 34.2 cm; 7.25 kg
Power Requirements:	85-265 VAC 50/60 Hz
Display:	5.7" High Contrast Monochrome LCD Display

Specifications subject change  
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MSA-45E RevA

## Half Rack Space Conservation

The MSA-45E is housed in a half rack enclosure perfect for mounting with a second analyzer, waveform monitor, vectorscope, or video monitor to provide the ultimate monitoring station in one rack panel.

## User Friendly Options!

The MSA-45E uses the latest high contrast LCD screen technology as well as dual microprocessor technology. Convenient function keys enable easy selection of options, including positionable "onscreen" reference line, memory save/recall, peak hold, find/ride peak and center frequency readout, start/stop and span width measurement.

## Remote Control Capability

Using the Avcom custom Graphical User Interface software you can now control and monitor one or hundreds of the MSA-45E's from one PC at a central location! The new Avcom (GUI) is based on the National Instruments Labview Platform and has been customized for several of our customer's applications.

