Uplink Analyzer
Satellite Uplink Trucks, Fixed & Fly Away Uplinks

MSA-4570E

Technical Specifications

Frequency Coverage:	L-Band, 950-2150 MHz Analyzer IF, 50-200 MHz Monitor
Frequency Display:	±100 KHz, On Screen
Span:	L Band, Greater Than 1200 MHz to 0 IF, Greater Than 50-200 MHz
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 L-Band, BNC IF, 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-4570E RevA

Microwave Spectrum Analyzer
MSA-4570E Spectrum Analyzer and Display Monitor provides the optimum use of rack mount space for the mobile communications vehicle or fixed installation. In the 950-2150 MHz input position the MSA-4570E displays the L-Band 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.

IF Monitor
In the 50-200 MHz (IF) input position the Spectrum Display is continuously tunable for applications such as monitoring satellite receiver or uplink exciter IFs. This allows a quick A to B comparison of your actual downlink signal and your upconverter IF output with a simple front panel flip of a switch.

User Friendly Options!
The MSA-4570E uses convenient function keys that 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. Spacecraft "footprints" can be stored in up to 50 user memories, and displayed from the real-time display to compare! Looking for a cost effective, yet higher-end replacement to the Tek 1705? The PSA-4570D is the answer.

Available Options & Accessories
• RMT-45 Dual Rackmount Tray
• RMT-BP Blank Filler Panel
• Ethernet Network Control & Monitoring Option