

PSA-1727B

Portable Spectrum Analyzer

Accurate Wireless Site Surveys



* Laptop not included

- 1.7 to 2.7 GHz Coverage
- 900 MHz & 5 GHz MFC's Optional
- 50 Screen Memory Up/Download
- Remote Monitor via PC, Wireless or IP Address
- Direct Sunlight Readable
- Lightweight 8 lbs.

Locate and Identify Interference

Wireless interference and wireless noise reduce network throughput and make it difficult for customers to stay connected. The PSA-1727B enables you to identify interfering signals, take corrective action and maintain reliable network operation.

Select Effective Access-Point Locations

Selecting the right locations for your access points is important. A high-noise location will reduce the coverage area of your access point and requires extensive trouble shooting to be marginally operational. The Avcom PSA-1727B allows you to evaluate the noise and interference level at potential access point locations and choose the best option.

Upload/Download 50 Screens

Download / upload saved data between the analyzer and the PC for report documentation. Remote monitoring and data logging via ethernet cable, wireless or network IP address. Control / Monitor the spectrum analyzer with a Laptop / PC (Windows 98, 2000, XP) via Ethernet / Internet using "friendly" graphic user interface.

Compact, Light, Portable

Thanks to LCD technology and an internal battery, you can work anywhere. The sturdy aluminum case and handle are designed for rugged field use. An optional cordura nylon case protects the analyzer and provides pouches for hand tools, cables, and frequency extender.

Accessories

- MFC - 0810-17 800 - 1000 MHz
- MFC - 5060-17 5.0 - 6.0 GHz
- MFC - 3242-17 3.2 - 4.2 GHz
- AVSAC-2 - Rugged Nylon Carrying Case
- LPA-6000 - Survey Antenna (2.1 to 6.0 GHz)

Options:

- Remote Control Upgrade
- Advanced Analysis Software

Technical Specifications

Frequency Coverage:	1700 to 2700 MHz Extendable with MFC's
Frequency Display :	5 Digit Counter, On Screen
Frequency Accuracy:	± 100 KHz
Span:	> 1000 MHz to 0
Resolution Bandwidth:	3 MHz
RF Sensitivity:	> -100 dBm Typical
Reference Levels	-40 dBm, -20 dBm, 0 dBm
Scale:	10 db/Div.
Amplitude Accuracy:	± 2dB
Dynamic Range:	80 dB on screen
Input Connector Type:	"N", 50 Ohm Impedance
LNA Power:	+12 VDC Switchable
Size / Weight:	9.5"w x 4.5"h x 9.5"d / 8 lbs
Power Requirements:	85-264 VAC 50/60Hz 12 VDC Cigar Adapter Cable Included Internal Battery & Charger 1 - Gel Cell 6V 3.0 ah (PS-630)
Display:	LCD, 5.7" diag. Hi Contrast, 1/4 VGA



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