

## Portable Spectrum Analyzer

802.11 Wireless Site Surveys



### PSA-1727B

#### Technical Specifications

Frequency Coverage:	1700 to 2700 MHz Extendable using MFC's
Frequency Display:	± 100kHz On Screen
Span:	Greater Than 1000 MHz to 0
Resolution Bandwidth:	3 MHz and 100 KHz
RF Sensitivity:	Greater Than -100 dBm Typical
Reference Levels:	0, -20, -40 dBm
Scale:	10 dB/Div
Amplitude Accuracy:	± 2 dB
Dynamic Range:	80 dB On Screen
Input Connectors:	Type N, 50 Ohm
LNB Power:	+5 VDC and +3.3 VDC, Switchable
Size/Weight:	9.5" w x 4.5" h x 9.5" d / 8 lbs
Power Requirements:	85-264 VAC 50/60 Hz, 12VDC, Vehicle Power Cable Included; Internal Li-Ion Battery Pack and Smart Charger
Display:	5.7" High Contrast ¼ VGA

Specifications subject change  
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PSA-1727BRevF

- ✓ 1.7 to 2.7 GHz Coverage
- ✓ 50 Screen Memory Upload/Download
- ✓ Remote Monitor Via Ethernet IP Protocol
- ✓ Direct Sunlight Readable LCD Screen
- ✓ 600 MHz - 6 GHz With MFC's
- ✓ 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

As an option you can download/upload saved data between the analyzer and the PC for report documentation as well as remote monitoring and data logging via ethernet cable, wireless or network IP address. Remote control and monitor the spectrum analyzer with a Laptop or PC (Windows 98, 2000, XP) via Ethernet/Internet is a breeze with our "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.

#### Available Accessories

MFC-0610-17:	600 - 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)
LPA-2600:	Survey Antenna (900 to 2.6 GHz)

#### Options

- Remote Control Upgrade
- Advanced Analysis Software

For ordering information visit [www.avcomofva.com](http://www.avcomofva.com) or call 804-794-2500

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