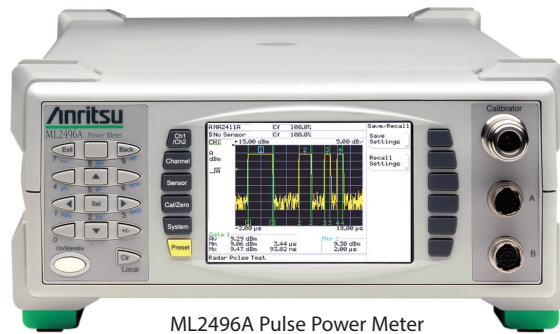


Power Measurements



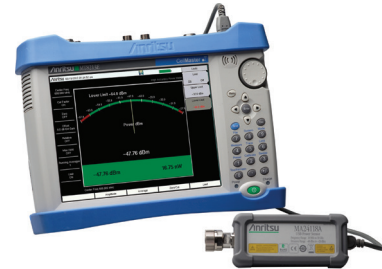
Control your sensor with the PowerXpert™ Software Application



ML2496A Pulse Power Meter



Microwave USB Power Sensors



Increase your handheld power accuracy

You can depend on Anritsu for your power measurement solution.

Traditional Power Meters and Sensors

For benchtop applications, the ML2490A series has an outstanding sample rate of 1 GS/s and 65 MHz of video bandwidth essential for measuring narrow, fast rising-edge pulse power measurements (e.g. RADAR signals). The meters work with the MA24000 series power sensors, providing more than 15 different sensor and options from which to choose – including: frequency coverage to 50 GHz; dynamic range up to 90 dB; CW, RMS and peak measurement modes; and, thermal- and diode-based technologies.

Power Meter	Frequency	VBW	Dynamic Range	Channels
ML2437A/ML2438A Power Meter (optional battery operation)	10 MHz to 70 GHz*	100 kHz	-70 dBm to +20 dBm*	1 or 2
ML2495A/ML2496A Pulse Power Meter	100 kHz to 70 GHz*	65 MHz	-70 dBm to +20 dBm*	
Traditional Power Sensor	*Sensor dependent – Go to www.anritsu.com for a complete list of 15 sensors from which to choose!			

USB Power Sensors

Anritsu USB power sensors eliminate the need for a traditional power meter. These highly accurate, standalone instruments communicate with a PC via USB or with the Anritsu handheld instruments (equipped with Option 19). Most sensors measure true RMS power, so they are ideal for measuring CW, modulated RF waveforms (ex. 3G, 4G, and OFDM signals), and multi-tone signals. They are ruggedized for field use with an industry-leading of up to +33 dBm damage level. Furthermore, the MA24507A Power Master is the world's first frequency selective power analyzer. It provides frequency specific numeric measurements of channel power or CW peak power.

USB Power Sensor	Frequency	Measurement Mode	Dynamic Range
MA24105A Inline Peak Power Sensor	350 MHz to 4 GHz	True-RMS and Peak (4 MHz VBW)	+3 dBm to +38 dBm, +51 dBm peak
MA24106A USB Power Sensor	50 MHz to 6 GHz	True-RMS: Enables accurate average power measurements regardless of modulation type.	-40 dBm to +23 dBm
MA241x8A Microwave USB Power Sensor	10 MHz to 18 GHz		-40 dBm to +20 dBm
MA24126A Microwave USB Power Sensor	10 MHz to 26 GHz		
MA24208A Microwave Universal USB Power Sensor	10 MHz to 8 GHz	True-RMS: Enables accurate, modulation independent measurements with fast measurement speeds and a wide dynamic range.	-60 dBm to +20 dBm
MA24218A Microwave Universal USB Power Sensor	10 MHz to 18 GHz		
MA243xA Microwave CW USB Power Sensor	10 MHz to 33, 40, or 50 GHz	CW only: Enables accurate CW power measurements with fast measurement speed and wide dynamic range	-70 dBm to +20 dBm
MA24507A mmWave Power Analyzer	9 kHz to 70 GHz	Frequency selective measurements of channel power or CW peak power with wide dynamic range	-90 dBm to +10 dBm (in CW)
MA244xxA USB Peak Power Sensors	50 MHz to 40 GHz	Peak, pulse, crest factor, CCDF enables automatic measurements of pulse radar and peak measurements of 802.11ac	-50 dBm to +20 dBm