

Power Measurement Solutions

Universal USB Power Sensors



MA24208A: 10 MHz to 8 GHz
MA24218A: 10 MHz to 18 GHz
 -60 dBm to +20 dBm
 (1 nW to 100 mW)
 > 11,000 readings/s buffered
 Max power: +30 dBm avg

Microwave CW USB Power Sensors



MA24330A: 10 MHz to 33 GHz
MA24340A: 10 MHz to 40 GHz
MA24350A: 10 MHz to 50 GHz
 -70 dBm to +20 dBm
 (1 nW to 100 mW)
 > 5,600 readings/s buffered
 Max power: +26 dBm avg

Peak Power USB Sensors



MA24406A: 50 MHz to 6 GHz
MA24418A: 50 MHz to 18 GHz
MA24419A: 50 MHz to 18 GHz
MA24440A: 50 MHz to 40 GHz
MA24441A: 50 MHz to 40 GHz
 Up to 195 MHz VBW
 Crest factor, CCDF, Pulse

True RMS USB Power Sensors



MA24105A
 350 MHz to 4 GHz
 Forward and Reverse
 Measurements
 +3 dBm to 51.76 dBm
 (2 mW to 150 W)
 Inline Peak Power Sensor



MA24106A
 50 MHz to 6 GHz
 -40 dBm to +23 dBm
 (0.1 μW to 200 mW)
 USB Power Sensor



MA24108A
 10 MHz to 8 GHz
 -40 dBm to +20 dBm
 (0.1 μW to 100 mW)
 Microwave USB Power Sensor



MA24118A
 10 MHz to 18 GHz
 -40 dBm to +20 dBm
 (0.1 μW to 100 mW)
 Microwave USB Power Sensor



MA24126A
 10 MHz to 26 GHz
 -40 dBm to +20 dBm
 (0.1 μW to 100 mW)
 Microwave USB Power Sensor

Power Meters

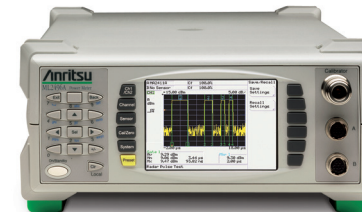


ML2437A & ML2438A
 100 kHz to 65 GHz
 Power Meters

Recommended Sensors

MA247xD
MA244xD
MA248xD
MA2400xA

Pulse Power Meters



ML2495A & ML2496A
 100 kHz to 65 GHz
 Wideband Peak Power Meters

Recommended Sensors

MA249xA
MA2411B



	MA244xA Series	MA243xxA Series	MA242xxA Series	MA241xxA Series	MA24105A	MA2400xA Series	MA248xD Series	MA247xD Series	MA244xD Series	MA249xA Series	MA2411B
Description	USB	USB	USB	USB	In-line USB	Thermal	Universal	Standard Diode	High Accuracy Diode	Wideband	Pulse
Measurements	Average (RMS), Peak, Pulse	Average Power (CW only)	Average Power (RMS)	Average Power (RMS)	Average Power (RMS)	Average (RMS)	Average Power (RMS)	Average Power	Average Power	Average (RMS), Peak	Average (RMS), Peak, Pulse
In-line Forward & Reverse					■						
⁽¹⁾ Frequency (GHz)	0.05 to 40	0.01 to 50	0.01 to 18	0.01 to 26	0.35 to 4	0.01 to 50	0.01 to 18	0.01 to 50	0.01 to 50	0.05 to 18	0.3 to 40
⁽¹⁾ Dynamic Range (dBm)	-50 to +20	-70 to +20	-60 to +20	-40 to +20	+3 to +38, 51.76 peak	-30 to +20	-60 to +20	-70 to +20	-67 to +20	-60 to +20	-20 to +20
VBW	Up to 195 MHz	50 kHz			100 Hz (avg), 4 MHz peak			100 kHz	100 kHz	20 MHz	50 MHz
Average	■	■	■	■	■	■	■	■	■	■	■
Peak Power & CrestFactor	■									■	■
CCDF & PDF	■				CCDF MA24105A only					■	■
PAE Measurement	■									■	■
NIST Traceable Calibration	Up to 18 GHz	■	■	■	■	■	■	■	■	■	■
Applications	Pulse profiling, Any modulation	CW	CW, Pulse, Any Modulation	CW, Pulse, Any Modulation	CW, Pulse, Any Modulation	CW, Pulse, Any Modulation	CW, Pulse, Any Modulation	General Purpose, CW	General Purpose, CW	CW, Pulse, Any Modulation	Pulse Profiling, Any Modulation
Compatible Power Meters	PC with Windows 7 or higher	PC with Windows 2000 or higher, Site Master, Cell Master, Spectrum Master, VNA Master, BTS Master	PC with Windows 2000 or higher, Site Master, Cell Master, Spectrum Master, VNA Master, BTS Master	PC with Windows 2000 or higher, Site Master, Cell Master, Spectrum Master, VNA Master, BTS Master	PC with Windows 2000 or higher, Site Master, Cell Master, Spectrum Master, VNA Master, BTS Master	ML24xxA/B	ML24xxA/B	ML24xxA/B	ML24xxA/B	ML248xA/B, ML249xA	ML248xA/B, ML249xA

Note: (1) Frequency and Dynamic Range depend upon the model number of the sensor.

