Power Measurement Solutions

Anritsu
envision : ensure

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

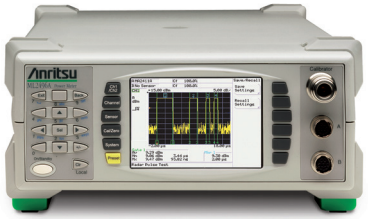
Power Meters

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

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	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**
Measure-ments	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 Measure-ment	■									■	■
NIST Trace-able Calibra-tion	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.

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