Power Measurement Solutions

NEW Universal USB Power Sensors

MA24206A: 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

NEW 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

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

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

Power Meters

ML2437A & ML2438A
100 kHz to 65 GHz
Power Meters

Recommended Sensors
MA247xD
MA244xD
MA248xD
MA2400xA

Wideband Peak Power Meters

ML2487B & ML2488B
100 kHz to 65 GHz
Wideband Peak Power Meters

Recommended Sensors
MA249xA
MA2411B

Pulse Power Meters

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

Recommended Sensors
MA249xA
MA2411B
## Power Measurement Solutions

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

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