**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

### True RMS USB Power Sensors

- **MA2400xA**
  - 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

### Pulse Power Meters

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

### Recommended Sensors

- **MA247xD**
- **MA244xD**
- **MA248xD**
- **MA2400xA**
- **MA249xA**
- **MA24118A**
- **MA2411B**
# Power Measurement Solutions

<table>
<thead>
<tr>
<th>Description</th>
<th>MA244xA Series</th>
<th>MA243xA Series</th>
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<th>MA241xA Series</th>
<th>MA24105A</th>
<th>MA2400xA Series</th>
<th>MA248xD Series</th>
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<th>MA244xD Series</th>
<th>MA249xA Series</th>
<th>MA2411B</th>
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</thead>
<tbody>
<tr>
<td>Measurements</td>
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<tr>
<td>Average (RMS), Peak, Pulse</td>
<td>USB</td>
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<td>USB</td>
<td>In-line USB</td>
<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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<td>Average Power (CW only)</td>
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<tr>
<td>(1) Frequency (GHz)</td>
<td>0.05 to 40</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 50</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>(2) Dynamic Range (dBm)</td>
<td>-50 to +20</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>Up to 195 MHz</td>
<td>50 kHz</td>
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<td>100 Hz (avg), 4 MHz peak</td>
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<td>100 kHz</td>
<td>20 MHz</td>
<td>50 MHz</td>
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<td>Peak Power &amp; CrestFactor</td>
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<td>CCDF &amp; PDF</td>
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<td>NIST Traceable Calibration</td>
<td>Up to 18 GHz</td>
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<tr>
<td>Applications</td>
<td>Pulse profiling, Any modulation</td>
<td>CW</td>
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<td>Compatible Power Meters</td>
<td>PC with Windows 7 or higher</td>
<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>PC with Windows 2000 or higher, Site Master, Cell Master, Spectrum Master, VNA Master, BTS Master</td>
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<td>ML248xA/B, ML249xA</td>
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Note: (1) Frequency and Dynamic Range depend upon the model number of the sensor.