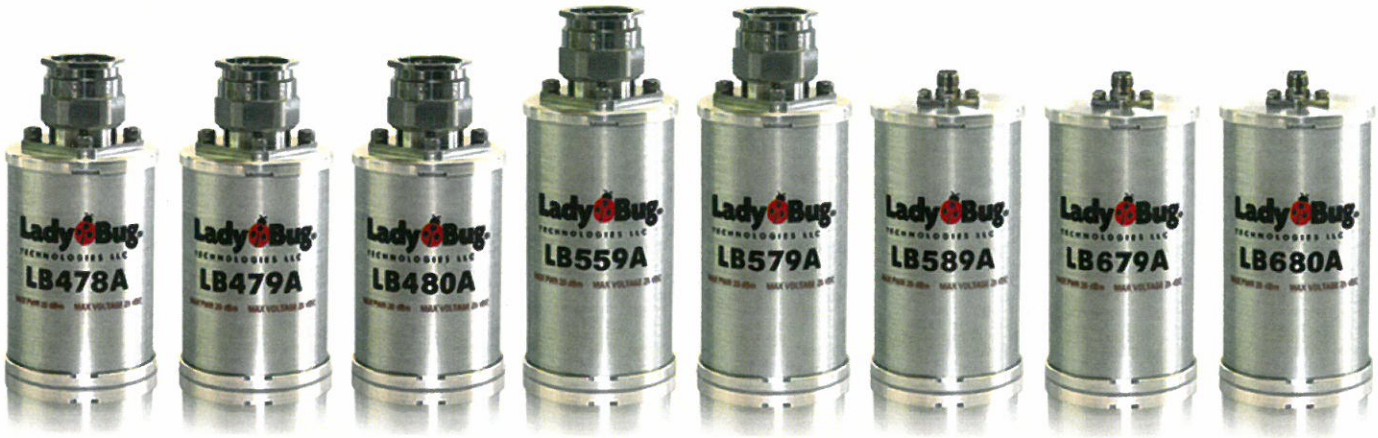

Measure Faster. Spend Less. No Zeroing. Just Measure.

With LadyBug Technologies' patented No-Zero, No-Cal ™ RF / Microwave USB Power Sensors,

- There is no need to disconnect prior to making measurements. Eliminates zero/calibration paths.
- Low uncertainty measurements to 26.5GHz.
- Real time measurements - no buffer induced latency.
- USB driver support for programming enviromnents.

True RMS Average Power, Peak & Pulse Power, Time Domain Pulse Profiling measurements.

LadyBug® TECHNOLOGIES LLC

Peak Performance in Power Sensors

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Power Sensor Selection Guide

Ladybug Technologies covers the RF and microwave power measurement market with three basic types of USB power sensors.

True RMS Average Sensors, Peak and Pulse Power Sensors, and Time Domain Pulse Profiling Sensors for peak, pulse, average & viewing a signal's power profile.

Our sensors all feature LadyBug's patented No-Zero / No-Cal technology and offer industry leading measurement uncertainty with 1.95% (+/- 0.086 dB) accuracy.

All sensors include a full featured software application and driver support for Visual Studio, C++, VB.Net, C# & others as well as test and measurement environments. Example files available.

General Sensor Specifications:

True RMS Sensors	Frequency Range	Dynamic Range	Measurement
LB559A Power Sensor+	10 MHz-12.5 GHz	-55dBm to +20dBm	True RMS
LB579A Power Sensor+	10 MHz-18 GHz	-55dBm to +20dBm	True RMS
LB589A Power Sensor+	10 MHz-26.5 GHz	-55dBm to +20dBm	True RMS
Peak, Pulse, CW and Average			
LB478A Power Sensor+	10 MHz-8 GHz*	-35dBm to +20dBm	Peak, Pulse & Average
LB479A Power Sensor+	10 MHz-8 GHz*	-60dBm to +20dBm	Peak, Pulse & Average
LB679A Power Sensor+	50 MHz-20 GHz	-40dBm to +20dBm	Peak, Pulse & Average
Peak, Pulse, CW, Average, and Pulse Profiling			
LB480A Power Sensor+	50 MHz-8 GHz*	-60dBm to +20dBm	Pk, Pulse & Ave Profile
LB680A Power Sensor+	50 MHz-20 GHz	-40dBm to +20dBm	Pk, Pulse & Ave Profile

* Note: These Sensors are usable to 10 GHz

Sensor Options:

Connector option codes: SMA Male=OSM; SMA Female=OSF; N Male=ONM; N Female=ONF; 3.5MM Male=35M; 3.5MM Female=35F. Note: LadyBug uses metrology grade connectors.

Recorder Output: 001, 0-1 Volt typ. Scalable output & selectable to linear or dB. VIA SMB connector.

Hardware trigger in & out: 003, TTL level. Setable rising or falling edge. VIA SMB connector.

Filter Option: 004, Widens BW to 10MHz. Adds filters: 100, 200, 300 & 500 kHz, 1, 2, 3, 5 & 10MHz.

Wideband video out: OW2, -1 volt to 0 volts (negative detecting) 0.15dB/V typical. VIA SMB connector.

Other options: Secure USB cable. Additional connectors.

Extended warranty and warranty / calibration options available.

Note: Not all options are available on all sensors

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