

Safe & Sound PRO mmWave Rod antenna | Meter

First high-band millimeter-wave consumer meter. Frequency range 20 GHz - 40 GHz.



YSHIELD® Safe & Sound PRO mmWave

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NEW Safe and Sound Pro mmWave Meter. Safe Living Technologies is pleased to present the Safe and Sound Pro mmWave Meter - North America's first-ever, consumer-level, high-band 5G meter! Professionally accurate and affordable, the Safe and Sound Pro mmWave Meter measures 5G from 20 GHz to 40 GHz, with a flat frequency response. 5G Ready! - High Band From 20 GHz to 40 GHz

Features

- Detects and measures 5G in the high mmWave band, 20 GHz to 40 GHz
- North America's first-ever, consumer-level, high-band millimeter wave meter
- Professionally accurate and affordable - at a fraction of the cost of current high-band detectors
- The perfect companion to Safe and Sound Pro II RF Meter, it's the missing link to revealing the full range of 5G frequencies
- Digital display in micro watts/m² and V/m, includes audio, peak and average readings with maximum peak hold
- Quickly determine RF present in your environment within 20 GHz and 40 GHz
- Some of the more common sources the meter can detect: 5G cell towers, 5G cell phone emissions, higher frequency radar and other 5G high band devices

mmWave Meter Options

Standard "Stub" Antenna: Semi-Omni Directional

- Frequency Response: +/- 5dB from 20-40 GHz (effective down to 18 GHz with reduced tolerance)
- Minimum measurable signal: 5 $\mu\text{W}/\text{m}^2$
- Maximum measurable signal: 500,000 $\mu\text{W}/\text{m}^2$ or (50,000,000 $\mu\text{W}/\text{m}^2$ with attenuator)
- Quasi Omni-Directional reception pattern (50 degrees front and 50 degrees back)

Optional "Horn" Antenna: Directional

- Frequency Response: +/- 6dB from 25-40 GHz
- Minimum measurable signal: 0.5 $\mu\text{W}/\text{m}^2$
- Maximum measurable signal: 30,000 $\mu\text{W}/\text{m}^2$ or (3,000,000 $\mu\text{W}/\text{m}^2$ with attenuator)
- Directional reception pattern (35 degrees front)

20 dB Fixed Attenuator

- Allows the meter to display higher power density signals by a factor of 100
- Range of up to 50,000,000 $\mu\text{W}/\text{m}^2$ with Stub Antenna + Fixed Attenuator
- Range of up to 3,000,000 $\mu\text{W}/\text{m}^2$ with Directional Horn Antenna + Fixed Attenuator

Directional Horn Antenna and Attenuator are not included with standard model*

Includes

- Safe and Sound Pro mmWave RF Meter (With Standard Stub Antenna)
- Hard plastic and or Zippered Carrying Case
- User's Guide
- 2 x AA Alkaline Batteries
- 2 Year Warranty

Calibration

The test equipment calibration is performed to the standards of ISO 9001:2015 certification and ISO/IEC 17025 accreditation.

Safe Living Technologies Inc. certifies that the *Safe and Sound mmWave Meter* has been examined and conforms to its specifications during the manufacturing process.

Safe Living Technologies Inc. declares that the calibration of this instrument is performed by comparison with reference standards, or standard measuring equipment which are calibrated by the calibration laboratory of "Keysight Technologies Malaysia Sdn Bhd". [This measuring equipment is traceable to national measurement standards](#) maintained by Canada's Institute for National Measurement Standards (INMS) for the realization of the physical units according to the International System of Units (SI).

The bottom of this page has more information on Keysight's ISO 9001 and 17025 registrations: <https://www.keysight.com/fi/en/about/quality-and-security/iso-registrations--policies--and-system.html>

How does this meter relate to 5G?

As the rollout of the 5G cellular network continues, so does our exposure to RF radiation. It has become increasingly common for individuals to experience a number of negative health effects related to EMF and RF exposure.

As always, detection is the first step in protecting yourself from these potentially negative health concerns. Right now, there is a lot of discussion about the frequency bands used in this network, and SLT wants to make sure you are informed and protected.