

# WP-WiFi Field Probe



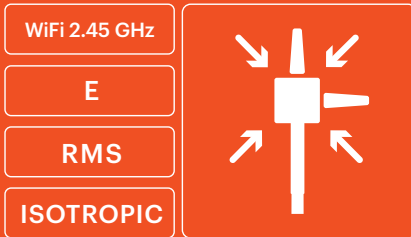
## Measuring Electric Field at 2.45 GHz

- Specific 2.45 GHz Frequency probe
- Isotropic & True RMS measurement
- Best sensitivity starting at 0.04 V/m
- High out of band attenuation



### Telecommunications

The WP-WiFi probe allows measurement of the electromagnetic field only generated by WiFi communications at 2.45 GHz, ignoring all other sources of radiation.



## Technical Specifications

|                         |                               |
|-------------------------|-------------------------------|
| Frequency band          | WiFi 2.45 GHz                 |
| Sensor type             | Isotropic, True RMS           |
| Measurement range       | 0.04 - 65 V/m (RMS)           |
| Dynamic range           | > 64 dB                       |
| Sensitivity             | 0.04 V/m                      |
| Resolution              | 0.07 dB                       |
| Out of band attenuation | > 28 dB                       |
| Frequency response      | $\pm 0.95$ dB                 |
| Linearity               | $< \pm 0.5$ dB (0.2 - 50 V/m) |
| Isotropic deviation     | $< \pm 1.7$ dB                |
| Calibration period      | 24 months (recommended)       |
| Calibration             | ISO 17025 accredited (ILAC)   |
| Operating temperature   | -30°C to +80°C                |
| Temperature response    | $\pm 0.6$ dB (-20°C to 60°C)  |
| Dimensions              | 28.5 x 10.5 x 10.5 cm         |
| Weight                  | 140 g                         |

Compatible with **SMP2**, **MonitEM**, **MapEM**

Product specifications and descriptions in this document subject to change without notice