

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

WiFi 2.45 GHz

E

RMS

ISOTROPIC



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	± 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	± 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