WPF3 Probe
100 kHz - 3 GHz

- Electric field measurement
- Isotropic & True RMS measurement
- High sensitivity from 0.2 V/m
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

100 kHz - 3 GHz

E

RMS

ISOTROPIC

Telecommunications
Certification and audit of telecommunication services (GSM, 3G, LTE, TDT, FM, WiFi, etc.).

Industry
Assessment of industrial processes for worker's exposure protection.

Defence
Assessment of military sites and personnel exposure protection.

Labs/R&D
RF exposure protection of R&D and labs personnel.

Technical Specifications

	WPF3	WPF3-HP High Power version
Frequency range	100 kHz - 3 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Flat	
Measurement range	0.2 - 130 V/m (CW) 0.2 - 20 V/m (RMS)	0.2 – 1000 V/m (CW) 0.2 - 20 V/m (RMS)
Dynamic range	52 dB	74 dB
Sensitivity	0.2 V/m	
Resolution	0.02 V/m (until 7.5 V/m) < 2% (starting from 7.5 V/m)	
Frequency response (*)	± 1.5 dB (250 kHz – 3 GHz) - 3 dB (100 kHz)	
Linearity	± 0.5 dB (0.5 V/m - 100 V/m)	
Isotropic deviation	± 1.2 dB (@ 2 GHz)	
Calibration	ISO 17025 Accredited Calibration (ILAC)	
Calibration period	24 months (recommended)	
Temperature range	- 20 ºC to 50 ºC	
Temperature response	+ 0.1 / - 1 dB (related to 20 ºC)	
Dimensions	28.4 cm x 6 cm Ø	
Weight	95 g	
Attenuation at 50/60 Hz	> 80 dB	

(*) The frequency response can be corrected with the SMP2 by using the correction factors stored in the probe (ISO 17025 accredited calibration).

Compatible with SMP2, MonitEM, MapEM

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

WPF3_EN_1806_v1.1

WAVECONTROL
Safety, Quality, Service

Wavecontrol S.L.
Barcelona, Spain
+34 933 208 055
info@wavecontrol.com

Wavecontrol Inc.
New Jersey, USA
+1 201 479 9022
sales@wavecontrol.com