

# WPF3 Field Probe

## 100 kHz - 3 GHz



- High sensitivity from 0.2 V/m
- Isotropic and RMS measurement
- Excellent attenuation at 50/60 Hz
- Meets international standards

100 kHz - 3 GHz

E

RMS

ISOTROPIC



**Telecommunications:** certification and audit of telecommunication services (GSM, 3G, LTE, TDT, AM, 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 personnel labs.



## 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)
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 (ILAC)	
Calibration period	24 months (recommended)	
Temperature range	- 20 °C to 50 °C	
Temperature response	+ 0.1 / - 1 dB (related to 20 °C)	
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



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