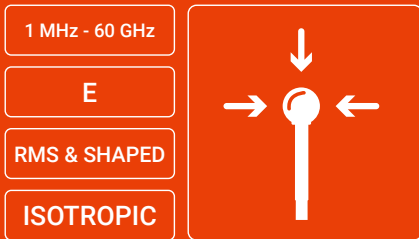


# WPF60S Field Probe

## 1 MHz - 60 GHz



- Shaped
- Isotropic and RMS measurement
- Excellent attenuation at 50/60 Hz
- Meets international standards



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



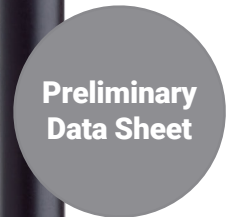
**Industry:** assessment of industrial processes for worker's exposure protection.



**Defense:** assessment of military sites and personnel exposure protection.



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



### Technical Specifications

Frequency range	1 MHz - 60 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Shaped (FCC or ICNIRP 1998)	
Measurement range	0.1 - 800 % CW	
Power density	0.1% - 35% RMS	
Dynamic range	39 dB	
Sensitivity	0.1 %	
Frequency response	<b>ICNIRP 1998</b>	<b>FCC</b>
	1 MHz - 35 GHz: $\pm 4$ dB 35 GHz - 60 GHz: $\pm 7$ dB	1 MHz - 35 GHz: $\pm 3.5$ dB 35 GHz - 60 GHz: $\pm 7$ dB
Linearity	$\pm 2$ dB (1 - 2 V/m)	
	$\pm 1$ dB (2 - 250 V/m)	
Isotropic deviation	$\pm 1.5$ dB (< 16 GHz)	
	$\pm 3$ dB (16 GHz - 30 GHz)	
	$\pm 5$ dB (30 - 60 GHz)	
Damage level (CW)	2500 %	
Calibration	ISO 17025 accredited calibration (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 $\emptyset$	
Weight	95 g	
Attenuation at 50/60 Hz	>40 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

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



WPF60S\_EN\_2002\_V0.1