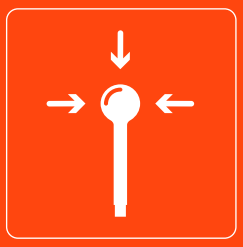
WPF60S Probe
1 MHz – 60 GHz

- Shaped to exposure standards
- Isotropic & True RMS measurement
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

1 MHz - 60 GHz
E
RMS
ISOTROPIC

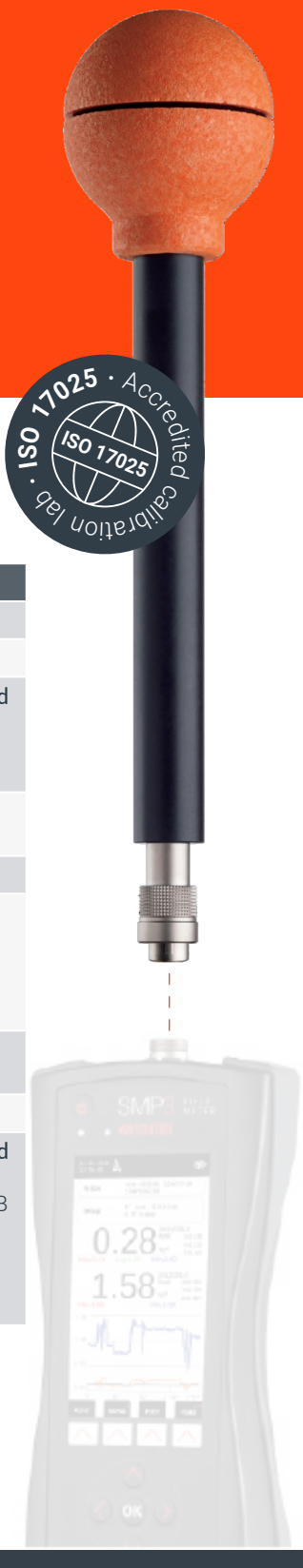


Telecommunications
Certification and audit of telecommunication services (GSM, 3G, LTE, TDT, FM, WiFi, etc.).

Industry
Assessment of industrial processes for worker's exposure protection

Radar/Aerospace
Assessment of radar and aerospace sites and personnel exposure protection.

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



Technical Specifications

	FCC	ICNIRP 1998	SC6
Model	WPF60S-FCC	WPF60S-ICNIRP	WPF60S-SC6
Part number	WWP2201	WWP2202	WWP2203
Frequency range	Occupational /General Population 1 MHz – 60 GHz	Occupational 1 MHz – 60 GHz General Public 5 MHz – 60 GHz	Controlled/ Uncontrolled 5 MHz – 60 GHz
Sensor type	Isotropic RMS diode technology		
Type of frequency response	Shaped (ICNIRP 1998, FCC or SC6)		
Measurement range **Power density** Occupational/Controlled General Public/Uncontrolled	 0.1 % - 800 % (CW) ; 0.1 % - 35% (True RMS) 0.4 % - 800 % (CW) ; 0.4 % - 140 % (True RMS)		
Dynamic range	39 dB (Occupational/Controlled) 33 dB (General Public/Uncontrolled)		
Sensitivity	0.1 %		
Frequency response (*)	Occupational /General Population 1 MHz: -6 dB 2 MHz - 35 GHz: ±3.5 dB 35 GHz - 60 GHz: ±7 dB	Occupational 1 MHz: -6 dB 2 MHz - 35 GHz: ±3.5 dB 35 GHz - 60 GHz: ±7 dB General Public 5MHz - 35 GHz: ±3.5 dB 35 GHz - 60 GHz: ±7 dB	Controlled/ Uncontrolled 5 MHz - 19 GHz: ±3 dB 19 GHz - 35 GHz: ±3.5 dB 35 GHz - 60 GHz: ±7 dB

(*) The frequency response can be corrected with the SMP3 by using the correction factors stored in the probe (ISO 17025 accredited calibration).

WAVECONTROL
Safety, Quality, Service

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

WPF60S Probe
1 MHz – 60 GHz

Technical Specifications

Linearity Occupational/Controlled General Public/Uncontrolled	 ± 0.5 dB (0.1 % – 300 %) ± 0.5 dB (0.4 % – 800 %)
Isotropic deviation	± 1.5 dB (< 16 GHz) ± 3 dB (16 GHz – 30 GHz) ± 5 dB (30 – 60 GHz)
Damage level (CW)	2500 %
Calibration	ISO 17025 Accredited Calibration (1 MHz - 40 GHz)
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	> 40 dB



Compatible with **SMP2, SMP3**

WPF60S_EN_2601_v2.3

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