

WPF60S Probe

1 MHz – 60 GHz



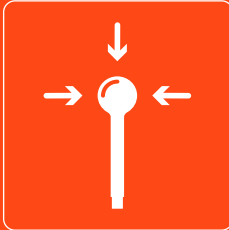
- Shaped to exposure standards
- Isotropic & True RMS measurement
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

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.



Defence
Assessment of military sites and personnel exposure protection.



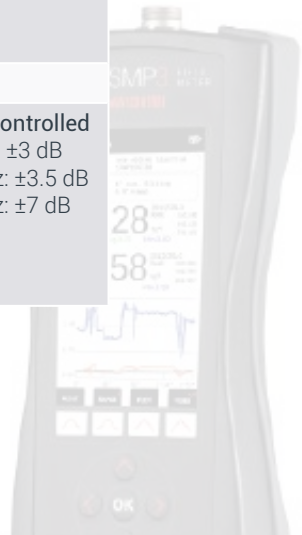
Labs/R&D
RF exposure protection of R&D and labs personnel.



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	0.1 % - 800 % (CW) ; 0.1 % - 35% (RMS)		
General Public/Uncontrolled	0.4 % - 800 % (CW) ; 0.4 % - 140 % (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).



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Technical Specifications

Linearity	
Occupational/Controlled	± 0.5 dB (0.1 % – 300 %)
General Public/Uncontrolled	± 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 °C to 50 °C
Temperature response	+ 0.1 / - 1 dB (related to 20 °C)
Dimensions	28.4 cm x 6 cm \varnothing
Weight	95 g
Attenuation at 50/60 Hz	> 40 dB

Compatible with **SMP2, SMP3**

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

