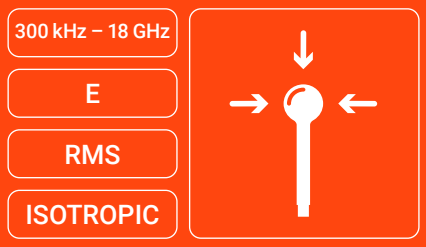
# **WPF18** Probe
# 300 kHz – 18 GHz

- **Electric field measurement**
- **Isotropic & True RMS measurement**
- **High sensitivity from 0.5 V/m**
- **Excellent attenuation at 50/60 Hz**
- **Measurements in accordance with 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.

**Defence**
Assessment of military sites and personnel exposure protection.

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


## Technical Specifications

| | WPF18 | WPF18-HP<br>High Power version |
|---|---|---|
| **Frequency range** | 300 kHz – 18 GHz | |
| **Sensor type** | Isotropic<br>RMS diode technology | |
| **Type of frequency response** | Flat | |
| **Measurement range** | 0.5 – 250 V/m (CW)<br>0.5 – 30 V/m (RMS) | 0.5 – 1000 V/m (CW)<br>0.5 – 30 V/m (RMS) |
| **Dynamic range** | 54 dB | 66 dB |
| **Sensitivity** | 0.5 V/m | |
| **Resolution** | 0.1 V/m (from 10 V/m to 250 V/m) | |
| **Frequency response (*)** | ±2 dB (1 MHz – 5 GHz)<br>+0 / -6 dB (5 GHz – 18 GHz) | |
| **Linearity** | ±0.5 dB (1 V/m – 150 V/m) | |
| **Isotropic deviation** | ±1.2 dB (up to 10 GHz)<br>±3 dB (10 GHz – 18 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** | > 60 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.

WPF18_EN_1811_v1.2

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