







WaveMon RF-60

Personal EMF Monitor

-  **OVEREXPOSURE WARNING**
Audible, visual and vibratory alarm
-  **EMF EXPOSIMETER**
Datalogger, instant & average values
-  **ICNIRP, 2013/35/EU, FCC, SC6, NATO**
Occupational & Public / Shaped response
-  **ISOTROPIC RMS**
Electric Field Sensor



Compliance with ITU-T K.145



Ready for 5G monitoring



Optional features



Harness, Belt, or Arm Holder

RF Absorber Integrated in Holder

Datalogger
Instant and Average Values

Rechargeable and Replaceable
Batteries for 200 h Autonomy

GPS and Altimeter
(Optional)

E-Field Isotropic Sensors
with RMS Response

Exposure Level as a %
of the Standard/limit

ON/OFF Status Button

High Intensity Audible
and Vibratory Warnings

USB and Tripod Connectors



Worker's safety



Telecommunications



Railway



Medical



Labs



Aeronautical



Industry



Defense

Technical Specifications



Optional accredited calibration

Sensor type	Isotropic, RMS diode technology
Response	Shaped to specific standards
Dynamic range	1 - 300 %
Linearity	±0.5 dB (2% - 200%)
Isotropic deviation	±1 dB < 3 GHz (E field)
Interface	1 button on/off, status and low battery LED
Indicators	6 LEDs + Audio + Vibration
Alarm threshold	2 limits adjustable by user
Connectivity	Waterproof USB (for downloading data and recharging)
Falling detection	Yes
Autonomy	>1 month (at 8 h/day, 5 days/week)
Data logger	>1 000 000 events
Positioning	GPS and Altimeter (Optional)
Logging Interval	1 second to 60 minutes (adjustable by user)
Averaging Interval	1 second to 60 minutes (adjustable by user)
Battery Type	2 x AA NiMH battery rechargeable by USB
Protection	IP 54
LF immunity (50 - 60 Hz)	> 30 kV/m
Temperature range	-20 / +50 °C (-4 / +122 °F) - Charging: 0 / +40 °C (+32 / +104 °F)
Size	174 x 42.5 x 33 mm (6.8 x 1.7 x 1.3 ")
Weight	190 g (6.7 oz.)

Versions	Response shaped to	Frequency range	Frequency response
WaveMon RF-60 ICN	ICNIRP 98 Occupational / Public	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +10/-6 dB
WaveMon RF-60 FCC	FCC Occupational / Public	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +10/-6 dB
WaveMon RF-60 EUD	EU Directive 2013/35 Recommendation 1999/519/EC	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +10/-6 dB
WaveMon RF-60 SC6	Safety Code 6 Occupational	10 MHz - 60 GHz	10 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±4 dB 35 GHz - 60 GHz: +11/-6 dB
WaveMon RF-60 NATO	NATO standards Zone 1	1 MHz - 60 GHz	1 MHz - 10 GHz: ±3.5 dB 10 GHz - 35 GHz: ±5 dB 35 GHz - 60 GHz: +12/-6 dB

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

TC_WaveMon_RF-60_11/2020