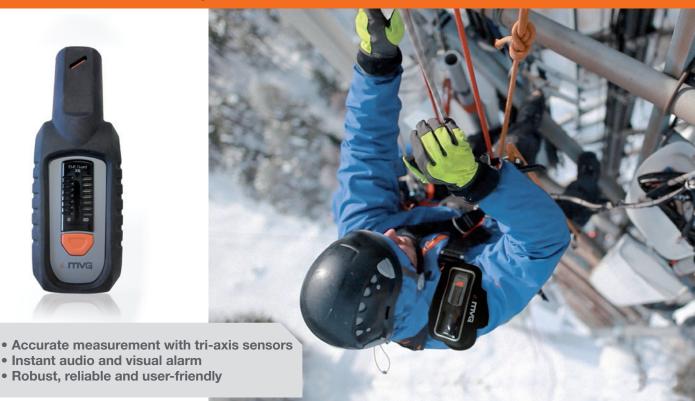
EME Guard XS

An EMF Monitoring Device to Alert Workers Near Antennas





Main features

User profile

 Persons working near antennas including installation and maintenance workers, broadcast, PMR and mobile phone operators or regulatory body employees

Measurement capabilities

- Continuous monitoring of Electromagnetic Field levels with isotropic tri-axis E-field sensors
- EMF Level indicated by a LED color scale
- Audio and visual alarms triggered when EMF exceeds the reference level

Alarm threshold can be

factory upon request

adjusted at MVG

Frequency bands

• 80 MHz - 6 GHz

Safety recommendations

- ICNIRP
- FCC 96-326
- Safety Code 6
- 2013/35/UE

New EU Directive

Equipment

Product Configuration

- EME Guard XS
- MVG Case
- Wirst strap
- Lanvard
- Connecting adapter
- 2 x 1.5 V Size N Alkaline batteries
- Instructions for use

Services

- Initial calibration
- Additional calibration
- Extended warranty

Probe	Isotropic 3-axes probe	
Frequency range	80 MHz - 6 GHz	
Lower detection limit	5 V/m	_
Upper detection limit	350 V/m	_

MEASUREMENT UNCERTAINTY

Frequency (MHz)	Frequency response	Axial isotropy
80 - 700	-2 / +4 dB	+/- 0.5 dB
700 - 2700	-1 / +5 dB	+/- 0.7 dB
2700 - 6000	+2 / +7 dB	+/- 0.9 dB

ALARM & CONFIGURATION

Reference threshold	Alarm threshold can be adjusted at MVG factory upon request
Visual alarm	7 LEDs
Audio alarm	2 tones (activated from 5 to 350 V/m)
Low battery indicator	Orange flashing LED

MEASUREMENT CONFIGURATION

Measurement period 1 sec	
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CONDITIONS FOR USE

Temperature, humidity	-10°C to 50°C,
	85% max humidity
Battery	2 x 1.5 V Size N Alkaline removable batteries
Battery life	> 1000 hours (> 50 days)(1)

MECHANICAL CHARACTERISTICS

Dimensions	132.5 x 48.5 x 28.7 mm (LxWxH) without connecting adapter
Weight	120 g with batteries

(1) If no alarm is triggered









