

<b>Frequency range of operation</b>	50 MHz – 6 GHz
<b>Frequency response</b>	Shaped (Occupational/Controlled)* – ICNIRP (2020) – FCC [NCRP] OET65 (1997) – Canada Safety Code 6 (2015) – EU Directive 2013/35/EU
<b>Sensor polarisation</b>	Isotropic
<b>Isotropy</b>	± 3 dB
<b>Probes</b>	E-field & H-field (3 orthogonal probes each)
<b>Result type</b>	Time-averaged RMS power density

<b>E- &amp; H-field combined frequency response table</b>				
Frequency	ICNIRP (2020)	FCC/NCRP	Canada SC6 (2015)	2013/35/EU
50 MHz – 80 MHz	1.2 ± 3.8 dB	1.3 ± 3.8 dB	-0.6 ± 3.8 dB	1.3 ± 3.8 dB
80 MHz - 500 MHz	2.8 ± 2.8 dB	3.2 ± 2.9 dB	1.9 ± 3.5 dB	2.8 ± 2.9 dB
500 MHz – 1 GHz	1.5 ± 3.7 dB	2.8 ± 3.7 dB	1.2 ± 4.2 dB	1.4 ± 3.7 dB
1 GHz – 2 GHz	0.4 ± 4.7 dB	1.8 ± 4.7 dB	-1.1 ± 4.9 dB	0.4 ± 4.7 dB
2 GHz – 6 GHz	1.1 ± 3.7 dB	1.1 ± 3.7 dB	-0.6 ± 4 dB	1.2 ± 3.7 dB

<b>E-field frequency response table</b>				
Frequency	ICNIRP (2020)	FCC/NCRP	Canada SC6 (2015)	2013/35/EU
50 MHz – 80 MHz	1.3 ± 3.9 dB	1.3 ± 3.9 dB	-0.6 ± 3.9 dB	1.3 ± 3.9 dB
80 MHz – 500 MHz	1.9 ± 3.4 dB	2.4 ± 4 dB	1.2 ± 4.6 dB	1.9 ± 3.4 dB
500 MHz – 1 GHz	1.4 ± 3.7 dB	2.9 ± 3.7 dB	1.4 ± 4.4 dB	1.4 ± 3.7 dB
1 GHz – 2 GHz	-0.1 ± 4.7 dB	1.4 ± 4.7 dB	-1.1 ± 5.1 dB	0 ± 4.8 dB
2 GHz – 6 GHz	1.1 ± 3.7 dB	1.1 ± 3.7 dB	-0.7 ± 4.1 dB	1.3 ± 3.7 dB

<b>H-field frequency response table</b>				
Frequency	ICNIRP (2020)	FCC/NCRP	Canada SC6 (2015)	2013/35/EU
50 MHz – 80 MHz	-2.7 ± 3.6 dB	-2.5 ± 3.6 dB	-4.4 ± 3.6 dB	-2.7 ± 3.6 dB
80 MHz – 500 MHz	1.3 ± 3 dB	1.6 ± 3.2 dB	0.3 ± 3.8 dB	1.2 ± 3 dB
500 MHz – 1 GHz	-1.1 ± 4.4 dB	0.4 ± 4.4 dB	-1.1 ± 5.2 dB	-1.1 ± 4.4 dB

<b>Calibration interval</b>	Two-yearly
<b>Level indicators</b>	Percentage of Exposure Reference level
<b>7 LEDs</b>	2%, 5%, 10%, 25%, 50%, 100%, 200% or more
<b>Audio alarm indicators</b>	
<b>50% (5th LED)</b>	0.75 Hz beep
<b>100% (6th LED)</b>	1.5 Hz beep
<b>200% (7th LED)</b>	3 Hz beep
<b>Operation</b>	Single button operation
<b>CW damage levels</b>	26 dB above Standard   40 000% of Standard
<b>Data logging</b>	E, H and Maximum & audio notes
<b>PC connection</b>	Micro USB connection, software available on website
<b>Fall detection system</b>	3-axis accelerometer
<b>Battery life</b>	6-12 months on average use
<b>Low battery warning</b>	Flashing LED
<b>Battery type</b>	2x 1.5 V size AAA (LR03) alkaline
<b>Mounting options</b>	Handheld (with wrist strap on lanyard) Harness (with supplied harness strap) Tripod socket (remote monitoring)
<b>Included</b>	Rugged, reusable zipper case Wrist strap (adjustable) Harness strap (adjustable) User manual & calibration certificate 2x AAA batteries & 2x spare AAA batteries
<b>Dimensions</b>	146 x 26 x 42 mm
<b>Weight (incl. batteries)</b>	0.25 lb   115 g
<b>Temperature</b>	Operating: -20 °C to 50 °C
<b>Additional environmental testing</b>	Impact (IK08), Ingress (IP64), Vibration, Drop, Humidity
<b>Certification</b>	CE, UKCA