

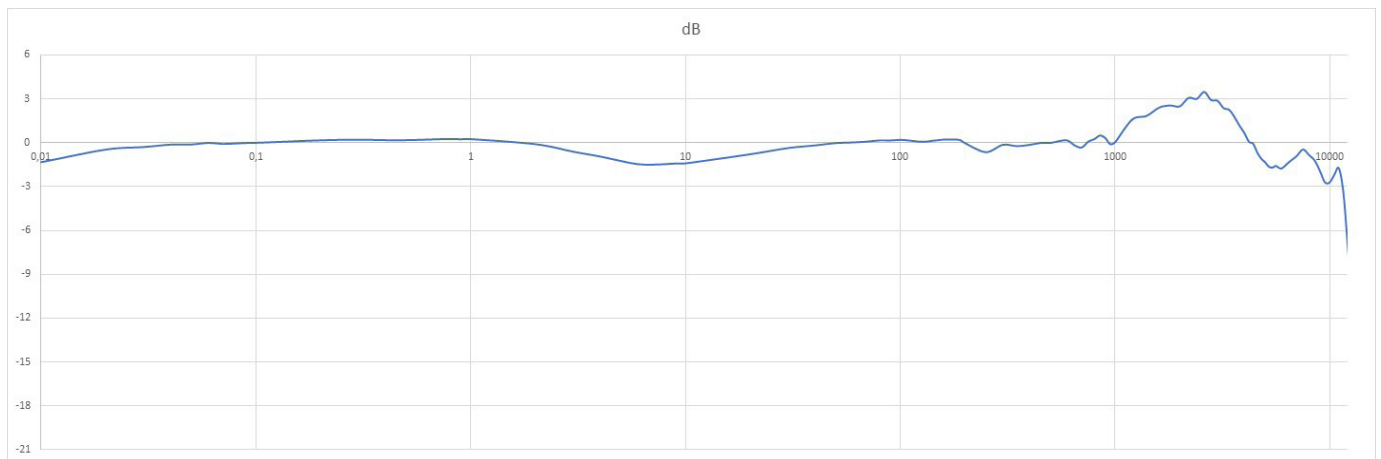
RadiSense® 10 GHz E-field Probe

Technical Specifications



Product code	RSS2010A
Measuring range	1 to 600 V/m
Overload indicator on	> 600 V/m
Maximum field level	1000V/m
Frequency range (6.0 db)	9 KHz to 12 GHz
Frequency response (uncorrected)	9 kHz to 11 GHz
Resolution	± 3.0 dB
Linearity	0.01 V/m
Isotropic deviation	± 0.5 dB +/- 0.5 V/m
Measurement speed (X,Y, Z & ETot)	< ± 0.25 dB @ 1 GHz
Shape	1000 samples/s
Weight	Spherical
Electrical measuring volume	65 g (1.77oz)
Antenna elements	117 cm ³
Spherical housing diameter	1.2 cm monopole
Sensor protection caps	2.5 cm (0.98 in)
Operating temperature range	1.4 cm (height), 1.1 cm (diameter)
Calibration data	15 °C to 35 °C (59 °F to 95 °F) @ 10% to 90% RH (non-condensing)
Optical LASER power	ISO17025 accredited calibration (optional)
F.O. connector LASER	0.5 Watt at aperture at 808 nm
F.O. connector data	FC/PC 200/230 µm fibre, 1.5 m fixed and 10 m extension ²
	FSMA 200/230µm fibre, 1.5m fixed and 10 m extension ²

²) Probe is delivered with 1.5 m fixed + 10 m extension fibre and FX/FSMA in-line coupling set. Fibre length up to a maximum of 500 m is available on request.



RSS2010A Typical frequency response

RadiSense® 10 GHz E-field probe - September 2017 - version 1.0 | Specifications are subjected to change without notice.