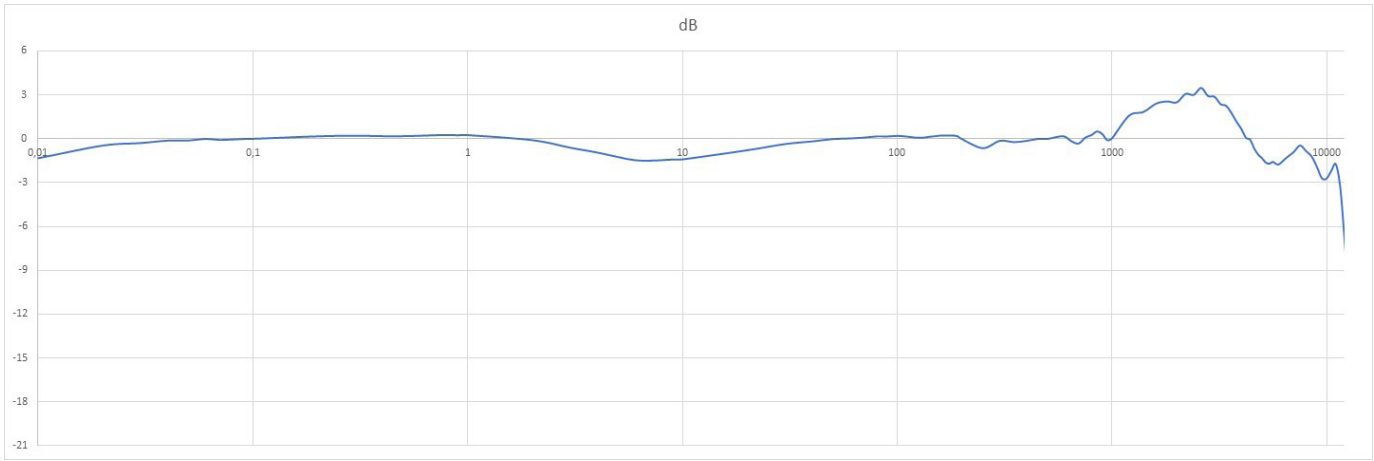
RadiSense® 10 GHz E-field Probe

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	± 3.0 dB
Resolution		0.01 V/m
Linearity		± 0.5 dB +/- 0.5 V/m
Isotropic deviation		< ± 0.25 dB @ 1 GHz
Measurement speed (X,Y, Z & ETot)		1000 samples/s
Shape		Spherical
Weight		65 g (1.77oz)
Electrical measuring volume		117 cm3
Antenna elements		1.2 cm monopole
Spherical housing diameter		2.5 cm (0.98 in)
Sensor protection caps		1.4 cm (height), 1.1 cm (diameter)
Operating temperature range		15 °C to 35 °C (59 °F to 95 °F) @ 10% to 90% RH (non-condensing)
Calibration data		ISO17025 accredited calibration (optional)
Optical LASER power		0.5 Watt at aperture at 808 nm
F.O. connector LASER		FC/PC 200/230 µm fibre, 1.5 m fixed and 10 m extension2
F.O. connector data		FSMA 200/230µm fibre, 1.5m fixed and 10 m extension2

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

emv Service GmbH
Ohmstr. 11
83607 Holzkirchen
Germany

T: +49 (0) 8024 470 08-0
M: info@emv-service.com
W: www.emv-service.com

Der Standard für
EMV-Instrumente & Software,
Beratung und Schulung.