

Reference Radiation Source 30MHz - 1GHz

VSQ 1000

- Complete solution for emission comparison tests
- Frequency range 30MHz - 1000MHz



Stable source of RF-radiation with defined characteristics to transfer the 'Interference Field Strength' value, particularly for;

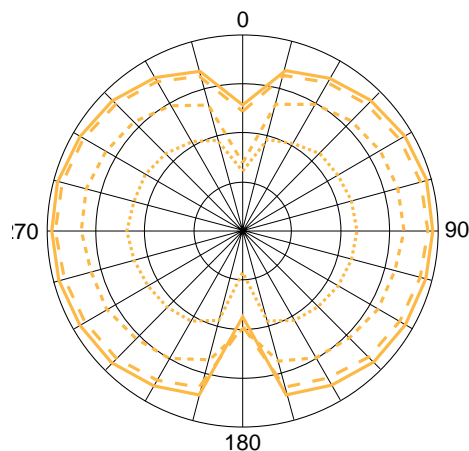
Comparison tests between OATS and alternative test environments for quality assessment or determination of correction factors.

Quality Management to ISO 900x and EN45001 in (accredited) testing labs through on-going comparisons and inter-laboratory tests.

Measurement of screening attenuation in large cabinets.

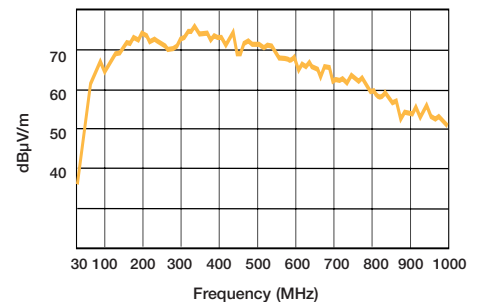
The VSQ 1000 system consists of the RSG 1000 generator and DPA 4000 antenna. It comes complete packed in a carry case with battery charger and tripod.

Directional Pattern of VSQ 1000



- 1000MHz
- 600MHz
- - - - - 300MHz
- 100MHz

Typical Diagram for Fieldstrengths (OATS) for 10m Distance



Options

- VSQ 1000CS Calibration standard
- VSQ 1000CO Calibration OATS
- VSQ 1000CG Calibration GTEM

Technical Specifications

	RSG 1000
Frequency spacing	1, 5, 10MHz
Frequency range	1MHz - 1GHz
Frequency error	<1 x 10 ⁻⁶
Signal stability	< ± 0.2dB (constant 20°C)
Temperature range	< ± 0.5dB (+10° - 30°C)
Operating time (battery charged)	max. 12h (batteries can be replaced)
System of protection	IP XO
Dimensions	60 x 60 x 175 mm

Broadband Dipole Antenna DPA 4000

Frequency range	(30) 300MHz - 1000MHz
Accessories for battery charging, fixing & transportation	
Additional measured values from 'Reference' OATS, available	