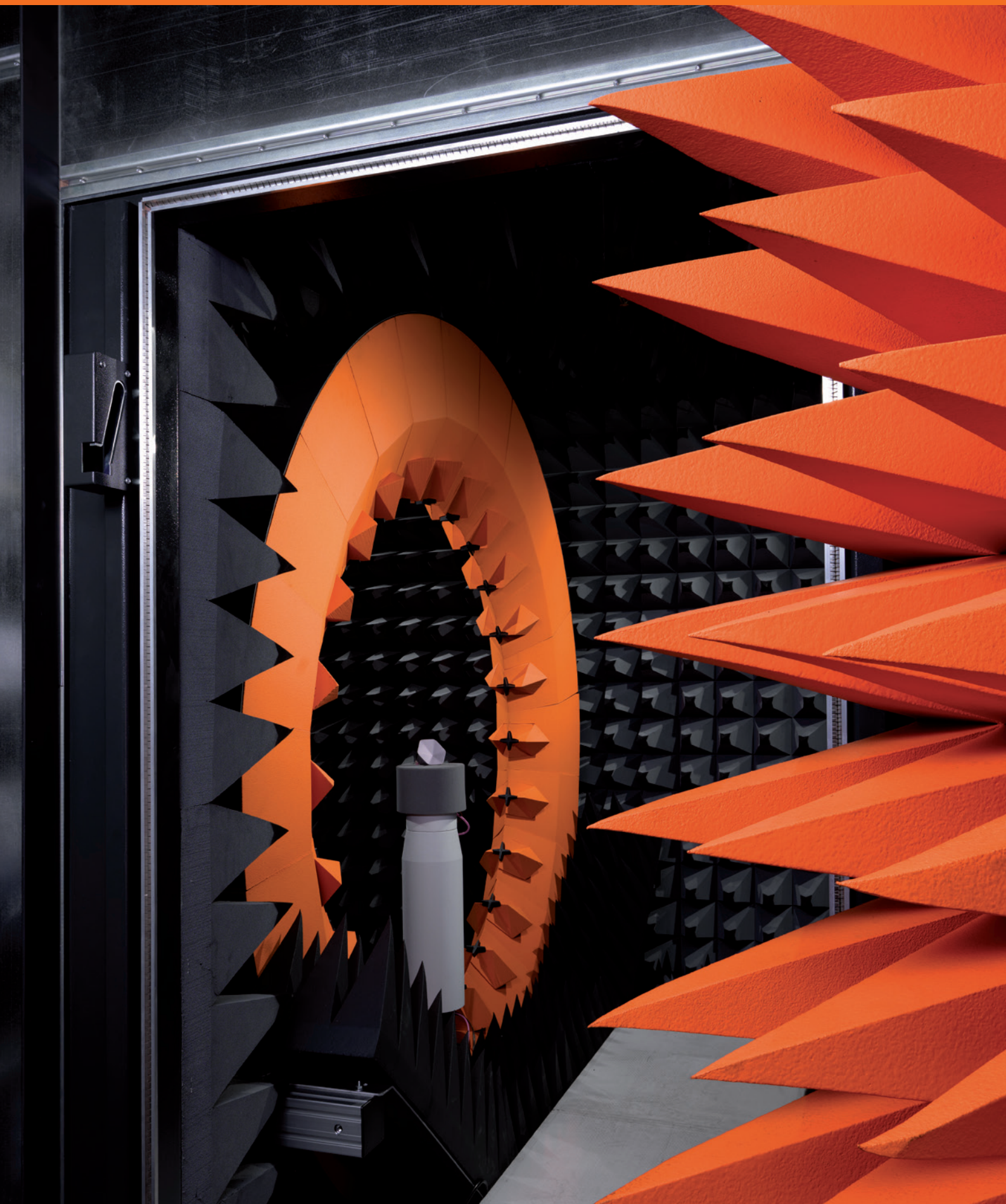
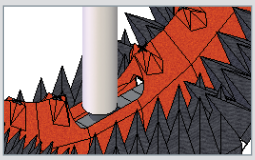
SG 24

A Multi-Probe Antenna Measurement System Ideal for OTA Testing

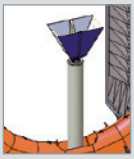


Standard system components



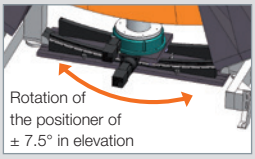
1 Arch

- Probes: DP 400 - 6000



2 Mast

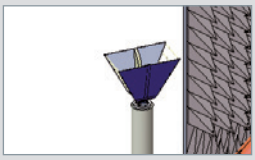
- Styrofoam mast
- Linear antenna mast
- PVC chair
- Laptop interface
- TV mast



3 Patented Oversampling

Goniometers are used to perform oversampling.

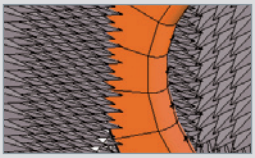
- A choice of goniometers depending on the size of the arch, the max. weight of the DUT and the frequency range.



4 Antennas

- A choice of reference antennas (horns, dipoles and loops)

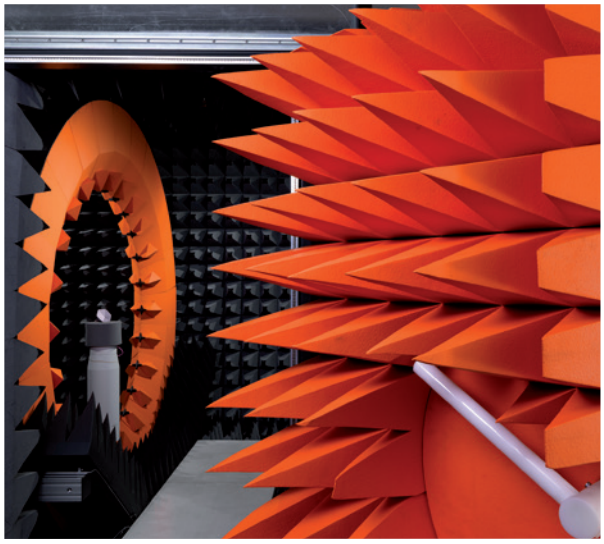
Antenna Product Overview
https://www.mvg-world.com/antennas



5 Absorbers and anechoic chambers

- A choice of standard, adapted and specialty absorbers
- Anechoic chambers with integrated design, production, installation and testing services

Absorber Product Overview
https://www.mvg-world.com/absorbers



System specifications*

	COMPACT			STANDARD			LARGE		
Measurement time for 11 frequencies**	~ 1 min			~ 1 min			~ 1 min		
Typical dynamic range 0.4 GHz - 6 GHz	70 dB			70 dB			70 dB		
Typical dynamic range 6 GHz -10 GHz	50 dB			50 dB			50 dB		
	10 dBi AUT	**20 dBi AUT**	**30 dBi AUT**	**10 dBi AUT**	**20 dBi AUT**	**30 dBi AUT**	**10 dBi AUT**	**20 dBi AUT**	**30 dBi AUT**
PEAK GAIN ACCURACY									
0.4 GHz - 0.8 GHz	-	-	-	± 1.1 dB	± 1.0 dB	-	± 1.0 dB	± 0.9 dB	-
0.8 GHz - 1 GHz	± 0.8 dB	± 0.7 dB	-	± 0.6 dB	± 0.6 dB	-	± 0.6 dB	± 0.6 dB	± 0.5 dB
1 GHz - 6 GHz	± 0.8 dB	± 0.7 dB	± 0.6 dB	± 0.6 dB	± 0.6 dB	± 0.5 dB	± 0.6 dB	± 0.6 dB	± 0.5 dB
6 GHz - 10 GHz	± 0.8 dB	± 0.7 dB	± 0.6 dB	± 0.6 dB	± 0.6 dB	± 0.5 dB	± 0.6 dB	± 0.6 dB	± 0.5 dB
Peak gain repeatability	± 0.3 dB	± 0.3 dB	± 0.3 dB	± 0.3 dB	± 0.3 dB	± 0.3 dB	± 0.3 dB	± 0.3 dB	± 0.3 dB