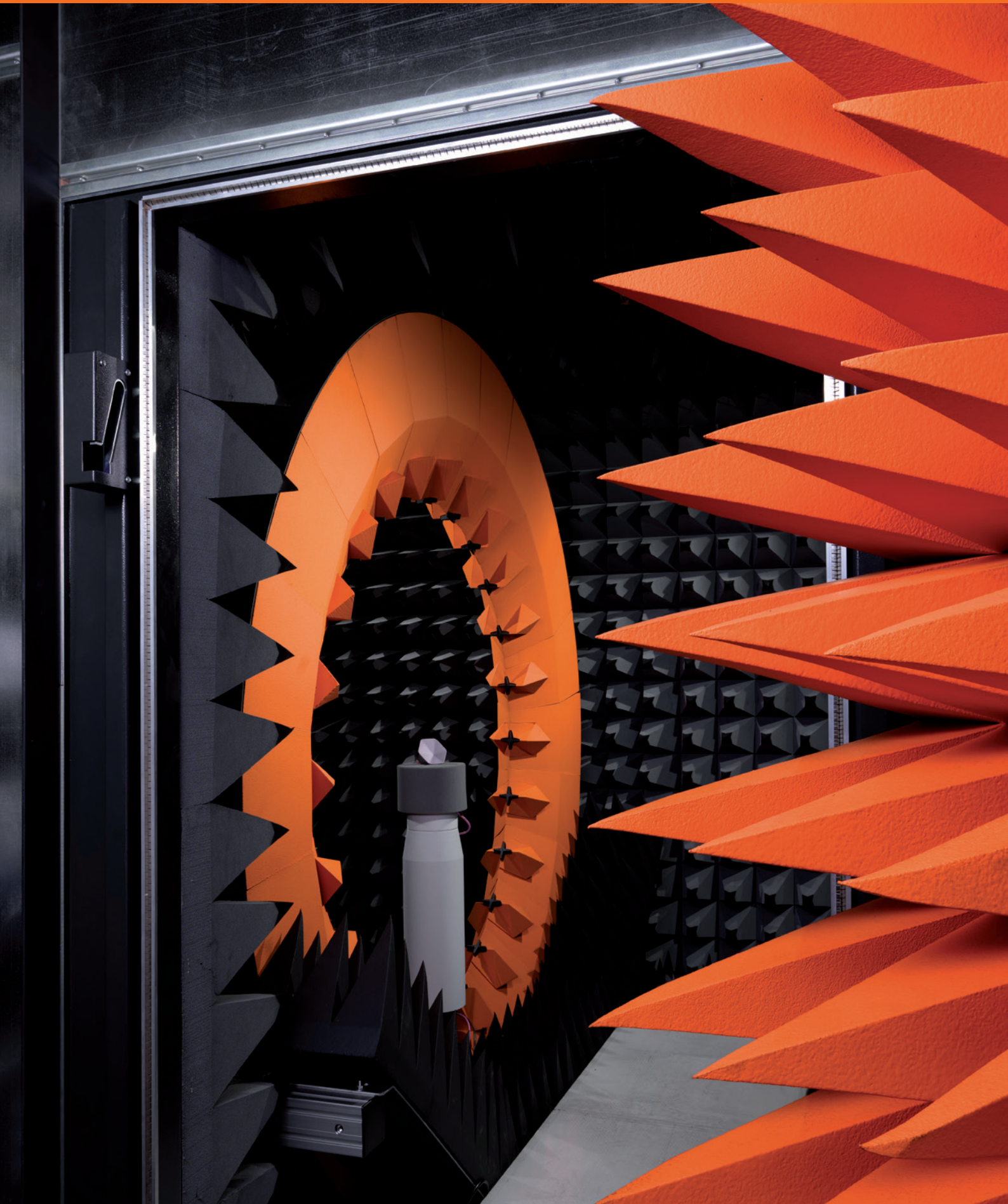
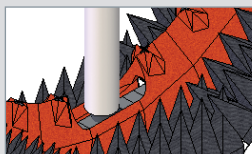


SG 24

A Multi-Probe Antenna Measurement System Ideal for OTA Testing

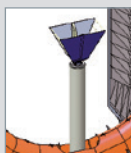


Standard system components



1 Arch

- Probes: DP 400 - 6000



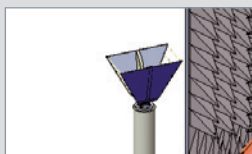
2 Mast

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



3 Patented Oversampling

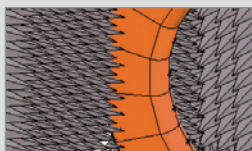
- Goniometers are used to perform oversampling.
- A choice of goniometers depending on the size of the arch, the max. weight of the DUT and the frequency range.



4 Antennas

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

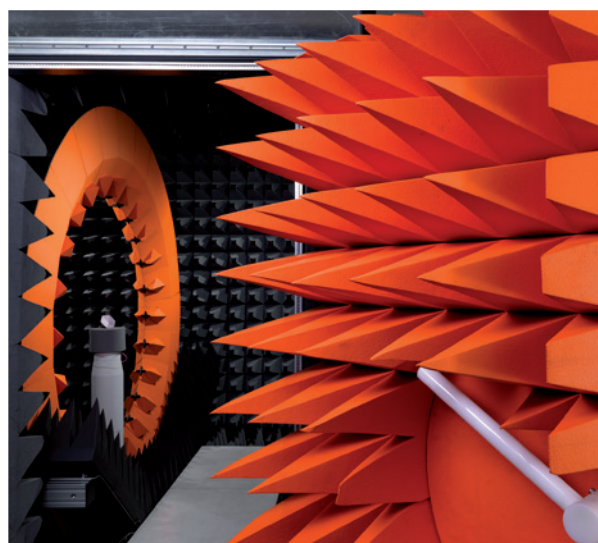
 Antenna Product Overview
<https://www.mvg-world.com/antennas>



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