



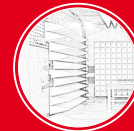
Automotive



Electrics



Military



Innovations



Automation



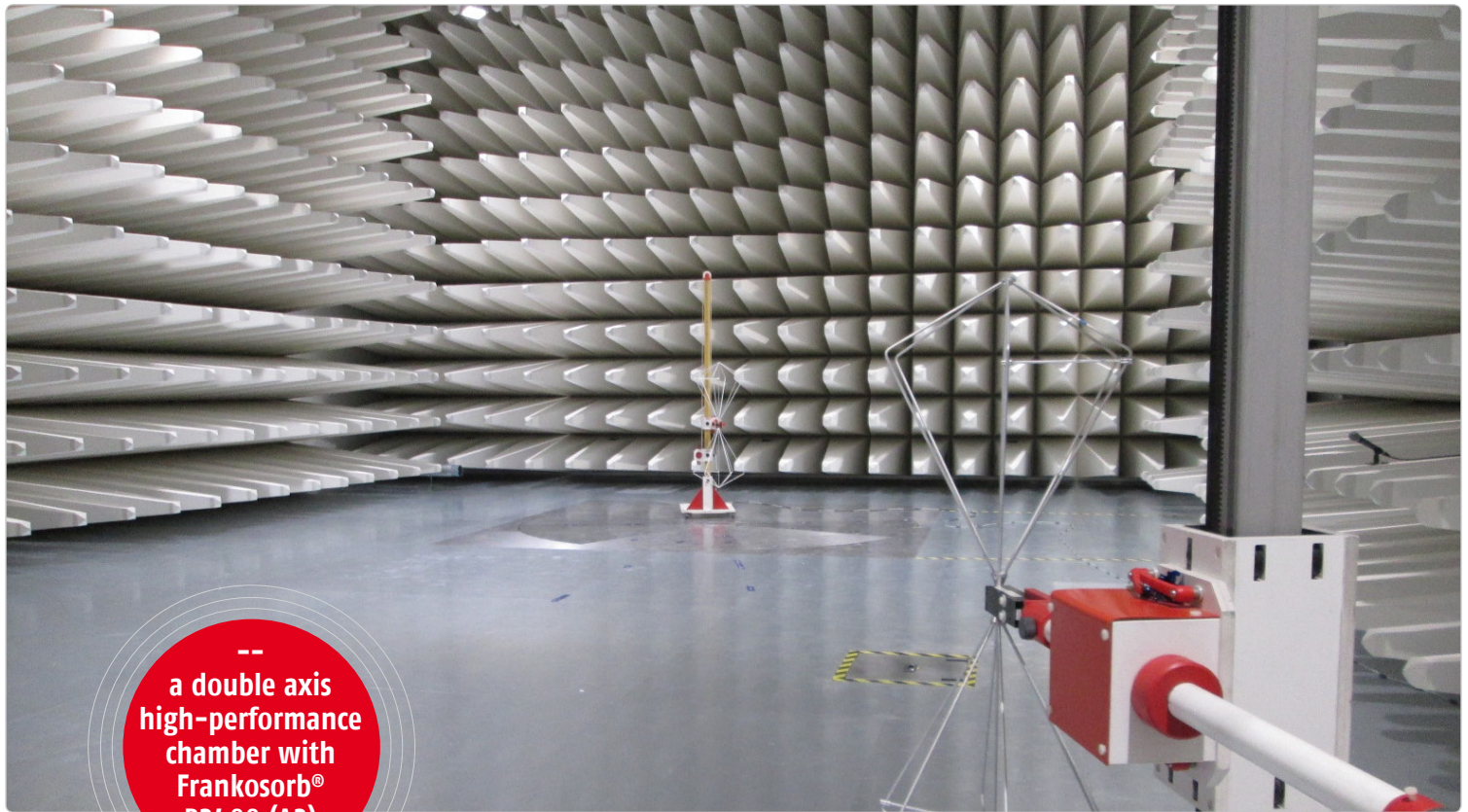
Test Systems

Frankonia Excellent Performance Chambers

Anechoic Chamber Solution with Frankosorb® Absorbers

A state-of-the-art SAC-10 chamber with a Quiet Zone of $\varnothing 3.0\text{m}$ and double test axis

2015 | Project located in Germany



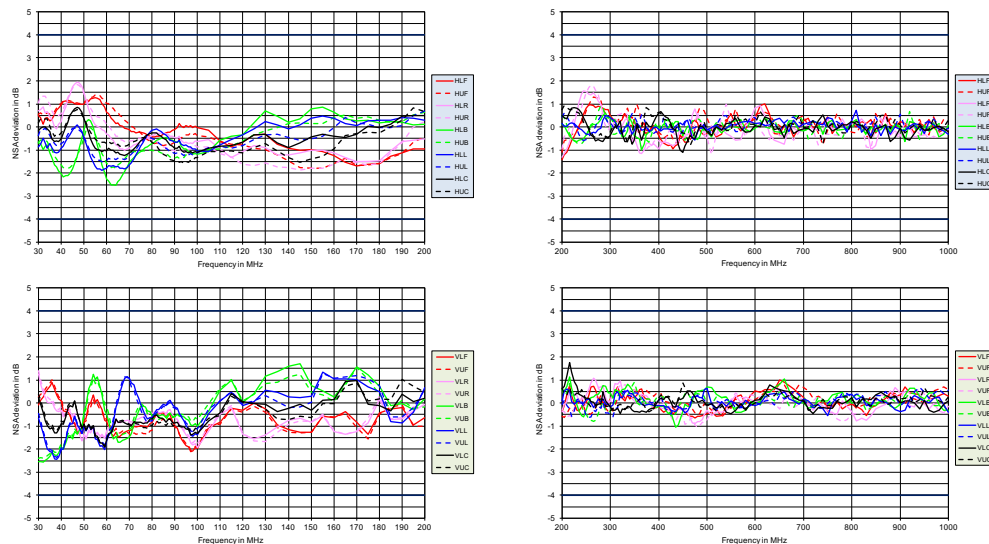
--
a double axis
high-performance
chamber with
Frankosorb®
P2400 (A2)
--



► Project Data & Features:

- Chamber size approx. 21.6 x 13.7 x 8.5 m (SAC)
- 10m double test axis chamber
- Full lining with Frankosorb® P2400
- Non-combustible absorbers according to DIN EN 13501-1 (DIN 4102) Class A2 - s1 d0; (NRL 8093 class 1,2,3,4 and 5)
- H600 hybrid floor absorber for FU
- P450 floor absorber for SVSWR
- Floor absorbers storable in the chamber
- $\varnothing 2.0\text{ m}$ quiet zone at 3 m test distance (H 2.0 m)
- $\varnothing 3.0\text{ m}$ quiet zone at 10 m test distance (H 2.0 m)
- $\varnothing 4.0\text{ m}$ quiet zone at 10 m test distance (H 2.0 m)
- Incl. turntable $\varnothing 4.0\text{ m}$ with 5 tons, antenna mast and test system
- Flexible and high-performance chamber
- Proven long-term stability with more than 25 years
- Project located in Germany finished in June 2015

Performance at 10 m test distance and QZ ø3.0m



Frankosorb® Absorbers



The Frankonia Frankosorb® absorber technology combines a variety of high-performance standards in a single solution.

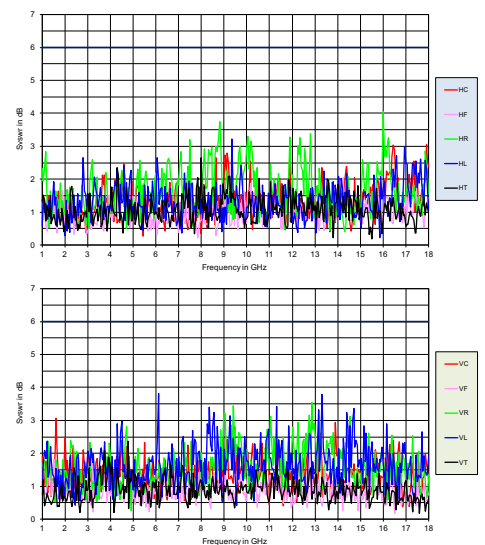
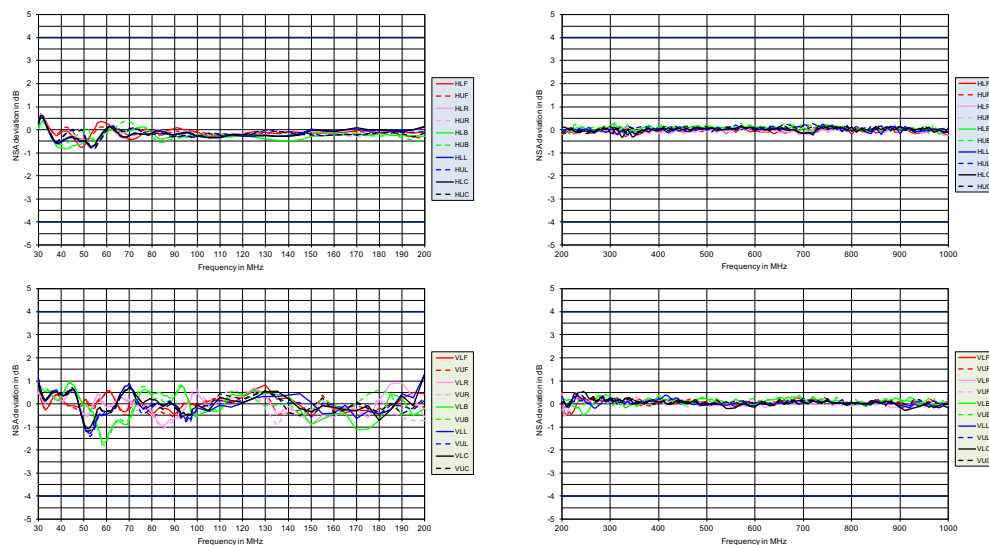
Field Uniformity (horizontal)

- Frequency 80 MHz – 1 GHz
100% at max. 5.17 dB; 75% at max. 3.43 dB
- Frequency 1 GHz – 18 GHz
75% at max. 3.86dB

Field Uniformity (vertical)

- Frequency 80 MHz – 1 GHz
75% at max. 5.21 dB
- Frequency 1 GHz – 18 GHz
75% at max. 4.33 dB

Performance at 3 m test distance and QZ ø2.0m



Frankonia GmbH

Industriestr. 16 | 91180 Heideck | Germany
Phone: +49 9177 98-500
Fax: +49 9177 98-520

info@frankoniagroup.com
www.frankoniagroup.com

