



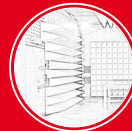
Automotive



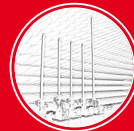
Electrics



Military



Innovations



Automation



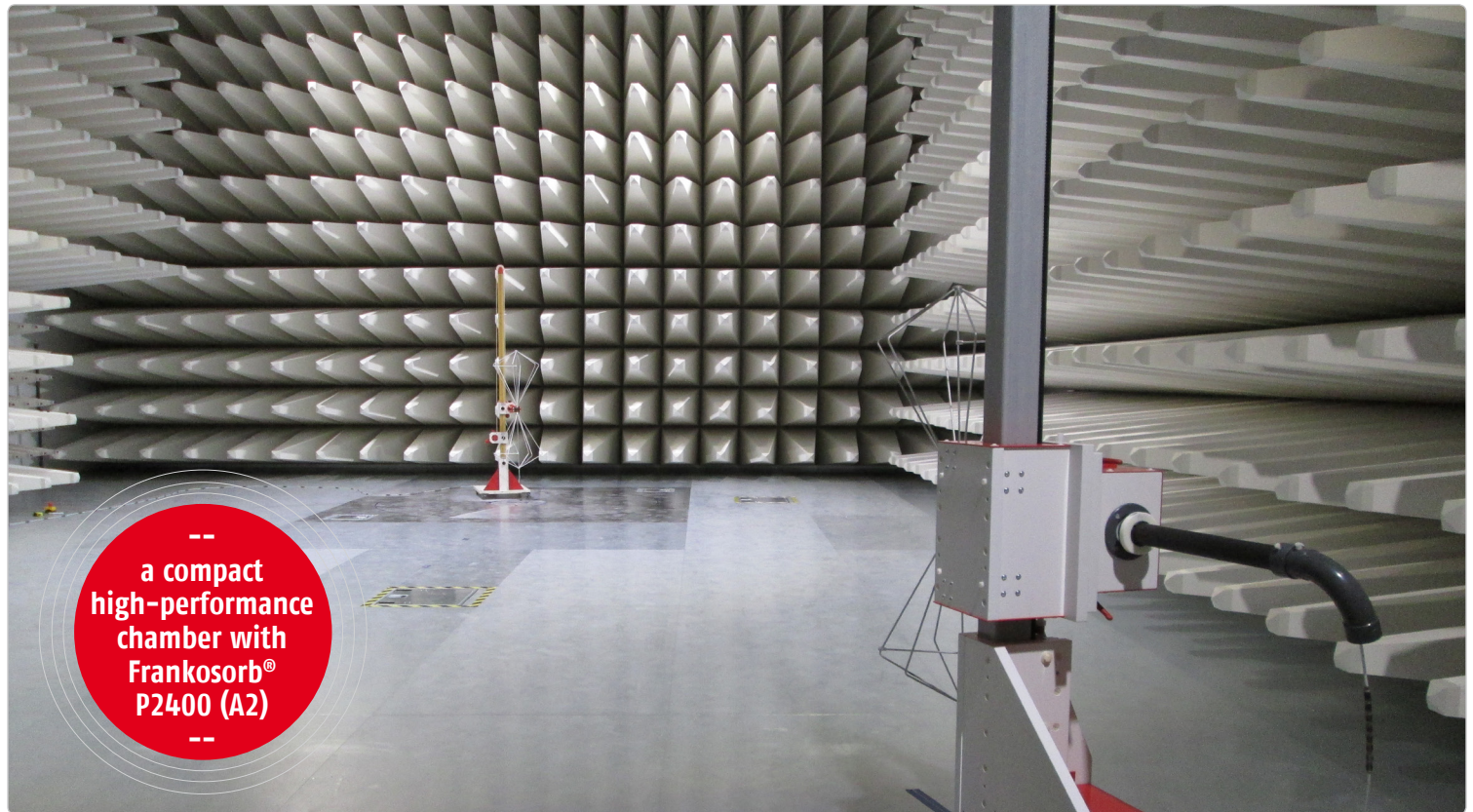
Test Systems

Frankonia Excellent Performance Chambers

Anechoic Chamber Solution with Frankosorb® Absorbers

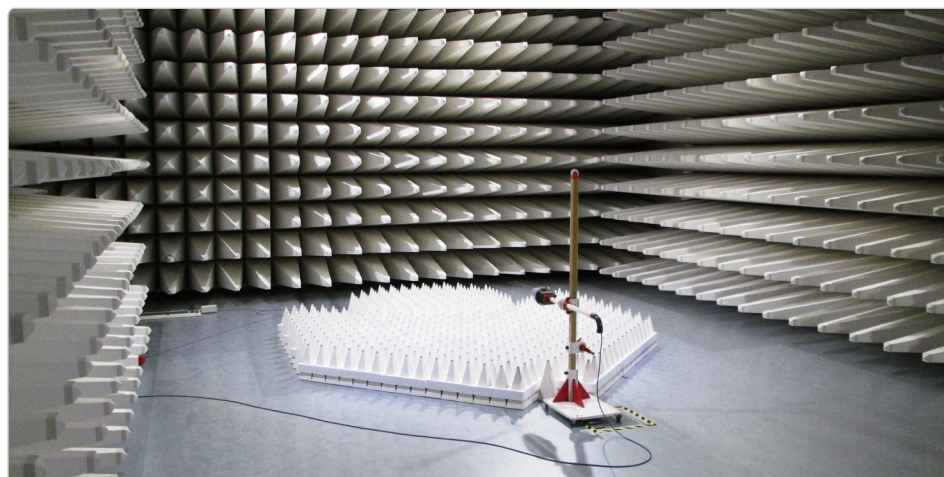
A state-of-the-art SAC-10 chamber with a Quiet Zone of $\varnothing 3.0\text{m}$

2015 | Project located in Italy



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a compact
high-performance
chamber with
Frankosorb®
P2400 (A2)
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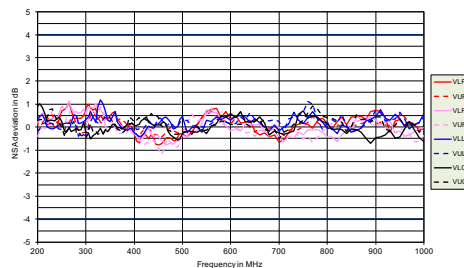
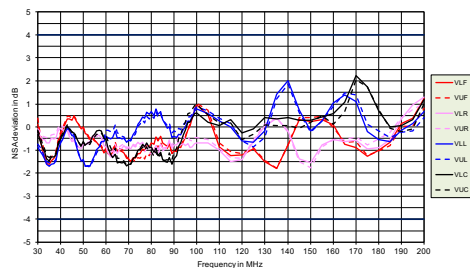
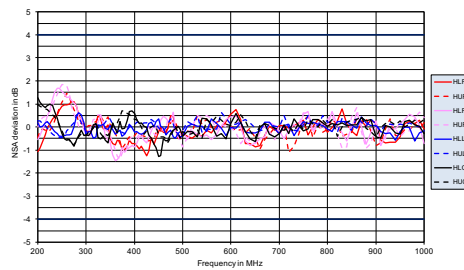
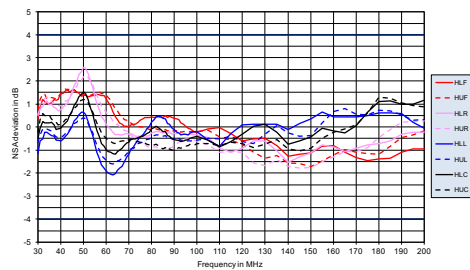
► As a commercial testing laboratory, the customer specifically asked for stable performance, highest quality and technology, a future-proof and cost-saving solution, and a technology to speed-up the preparation of the testing scenario. The result is one of the most modern EMC test labs for commercial testing located in Italy.



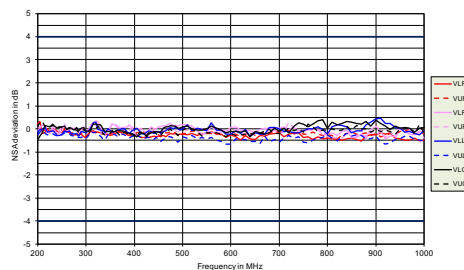
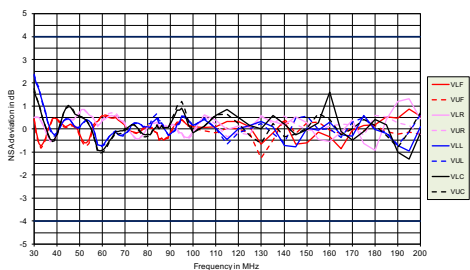
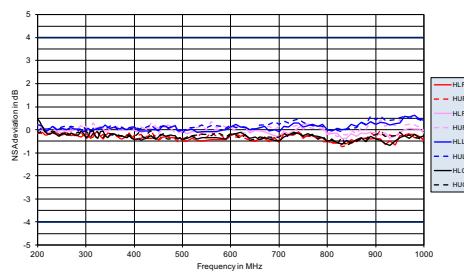
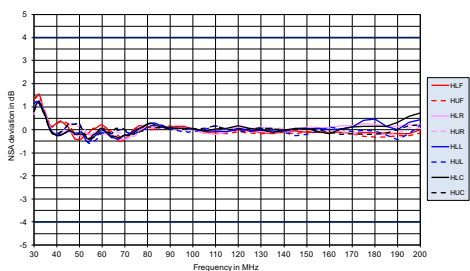
► Project Data & Features:

- Chamber size approx. 21.6 x 13.7 x 9 m (SAC)
- 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
- $\varnothing 3.0\text{ m}$ 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)
- Incl. turntable, antenna mast, and test system
- Flexible and high-performance chamber
- Proven long-term stability with more than 25 years
- Project located in Italy finished in June 2015

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



Performance at 3 m test distance and QZ ø3.0m



Frankosorb® Absorbers



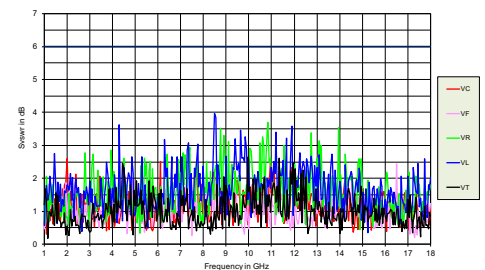
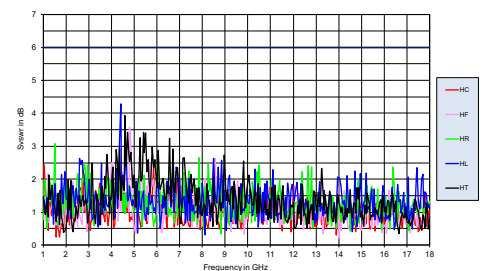
The Frankonia Frankosorb® absorber technology combines a variety of high-performance standards in a single solution.

Field Uniformity (horizontal)

- Frequency 80 MHz – 1 GHz
100% at max. 4.35 dB; 75% at max. 3.08 dB
- Frequency 1 GHz – 18 GHz
75% at max. 3.77 dB

Field Uniformity (vertical)

- Frequency 80 MHz – 1 GHz
100% at max. 4.82 dB; 75% at max. 2.78 dB
- Frequency 1 GHz – 18 GHz
100% at max. 5.88 dB; 75% at max. 3.47 dB



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