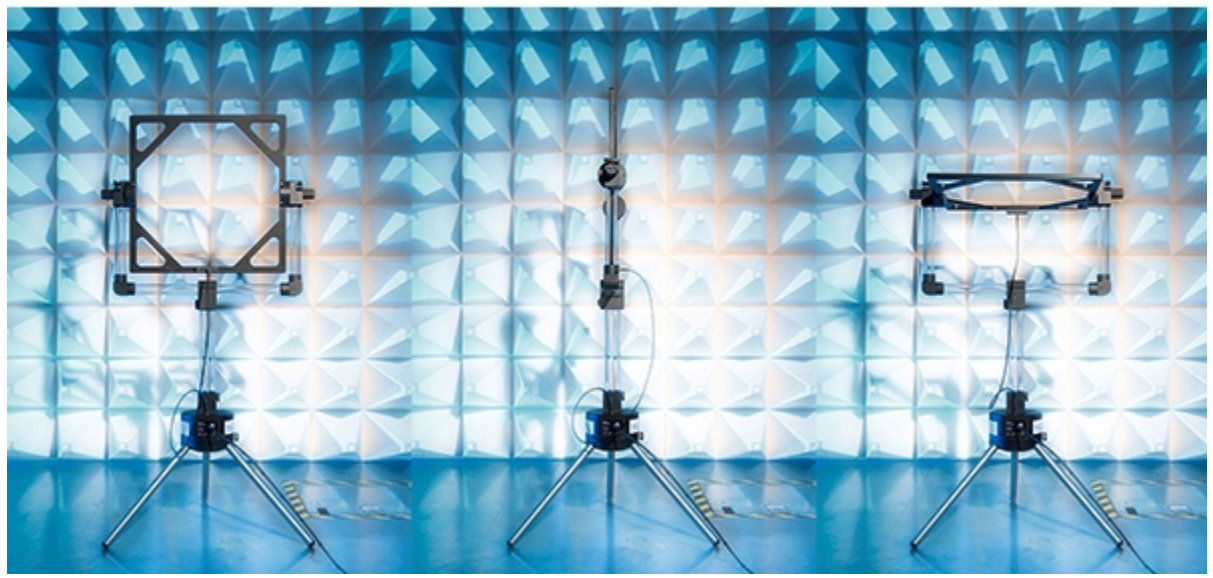
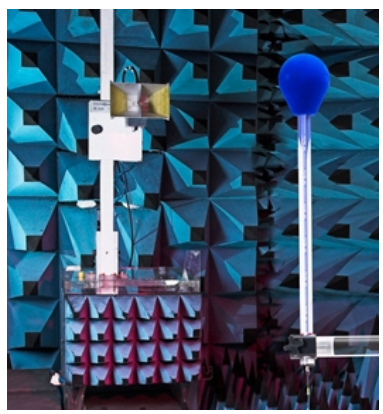
SEIBERSDORF LABORATORIES

Radio Frequency Engineering Seibersdorf



We are pleased to send you the Newsletter 2/2021 "RF-Engineering" of Seibersdorf Laboratories.

Content



Regular Calibration of EMC Test Sites – including cables

The EMC test site (Semi – and Fully – Anechoic Room) of an accredited test house has to be **calibrated on a regular basis** like all test instruments. It is a requirement of ISO 17025 to demonstrate the compliance of the test site at regular intervals.

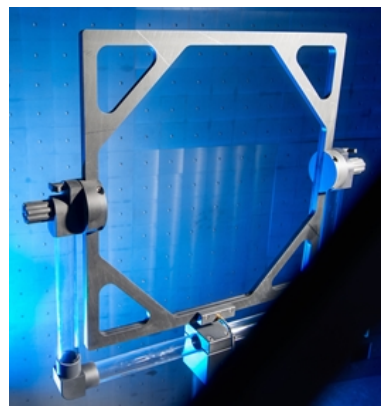
The accredited calibration of the installed cables can be combined with the test site calibration. The estimation of the influence of the setup-table (CISPR 16-1-4 requirement) is another possible option we can offer.

Seibersdorf Labor GmbH, as market leader for the manufacturer independent calibration, offers a new **service for the regular recalibration of EMC test sites**. Experienced test engineers and optimized measurement techniques help to

minimize the test time on-site in order to reduce the down time for EMC testing.

>> more about Calibration

Precision Loop Antenna - PLA-R



Active receive antenna - battery powered - with low noise preamp and passive mode for strong signals. It's **compliant to CISPR 16-1-4** and standards for radiated emission testing in the frequency range 9 kHz – 30 MHz.

Waveform independent saturation detection to avoid wrong testing results.

An antenna mounting and stand for easy change of orientation (x, y, z) is included.

Together with the optionally available PLA-T, an active and battery powered transmit antenna, an **antenna set** is available that is designed **for the validation of EMC test sites**.

>> more about Precision Loop Antenna PLA-R

Calibration of Antenna Directional Characteristic

It's a requirement of **CISPR 16-1-4** that the test house knows the **directional characteristic** of the antennas used for radiated emission testing above 1 GHz and that the requirements on the 3dB beam width of the antenna are fulfilled. As manufacturer's data of the directional characteristic are usually typical data **an individual calibration is recommended**.

Seibersdorf Laboratories offers accredited calibration of the directional characteristic which can easily be combined with the regular calibration of antenna factor, gain, VSWR and cross polarization.

>> more about Antenna Calibration

Our expertise for you – at any time!

This year we will **not participate** at the online event organized by Mesago. But of course we are available for your requests all the year round: please feel free to contact our experts for

Products
Leopold.Heiss@seibersdorf-laboratories.at

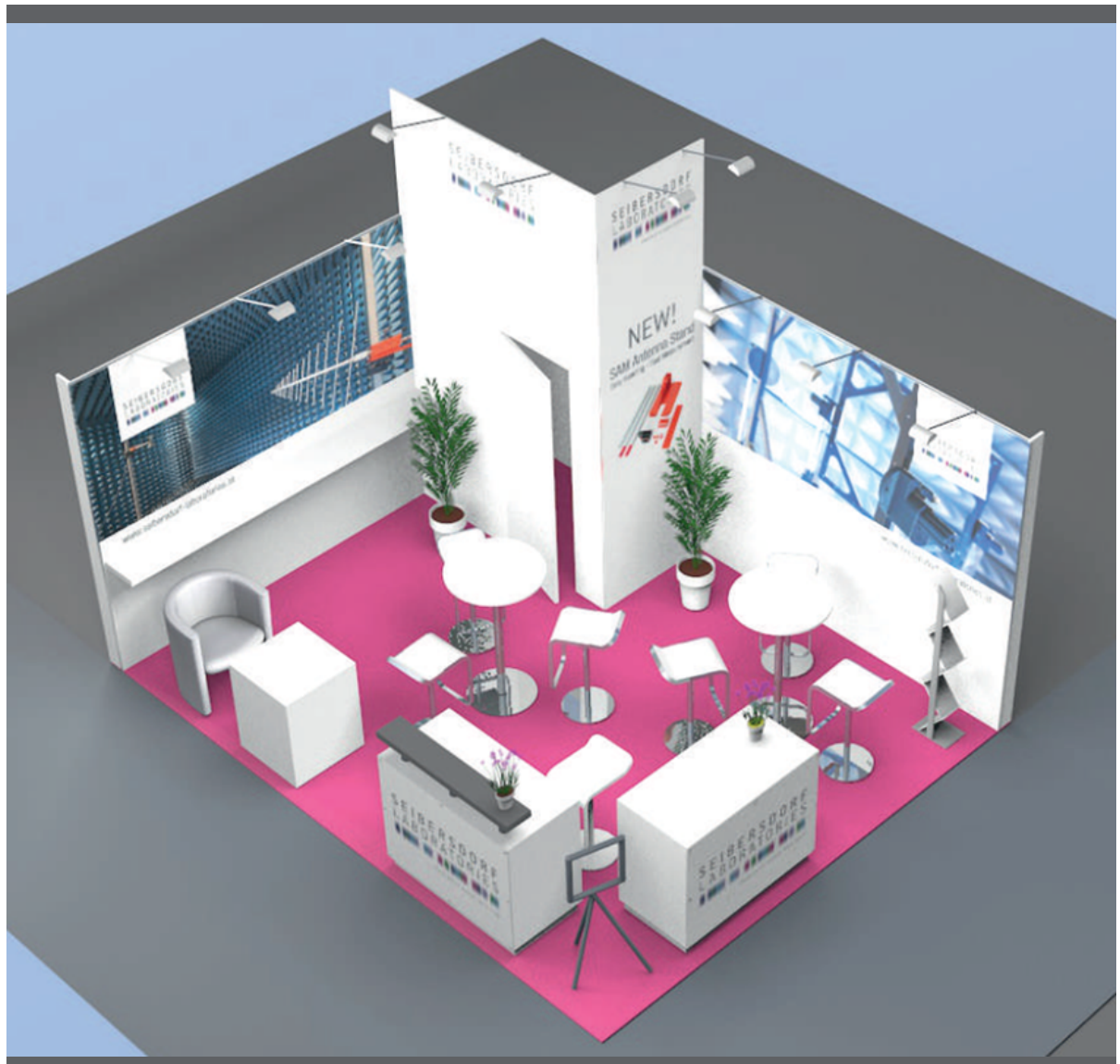
Site Validation

Martin.Zoechling@seibersdorf-laboratories.at

Calibration
RF-calibration@seibersdorf-laboratories.at

Please visit our website for detailled information.

>> https://rf.seibersdorf-laboratories.at



Seibersdorf Labor GmbH
Radio Frequency Engineering

2444 Seibersdorf
Austria

T +43 50550-2882

https://rf.seibersdorf-laboratories.at
rf@seibersdorf-laboratories.at

Unsubscribe Forward newsletter