

CalStan 10.0

SOFTWARE

CalStan 10.0 - RF Measurement Software

- ✓ Site VSWR Validation
- ✓ NSA Measurement in Semi Anechoic Chambers
- ✓ NSA Measurement in Fully Anechoic Rooms

CalStan 10.0 is a software tool for automation of radio frequency (RF) calibrations and measurements of EMC test sites and test equipment. The software controls the instruments via GPIB bus, reads the measurement values and computes the results.

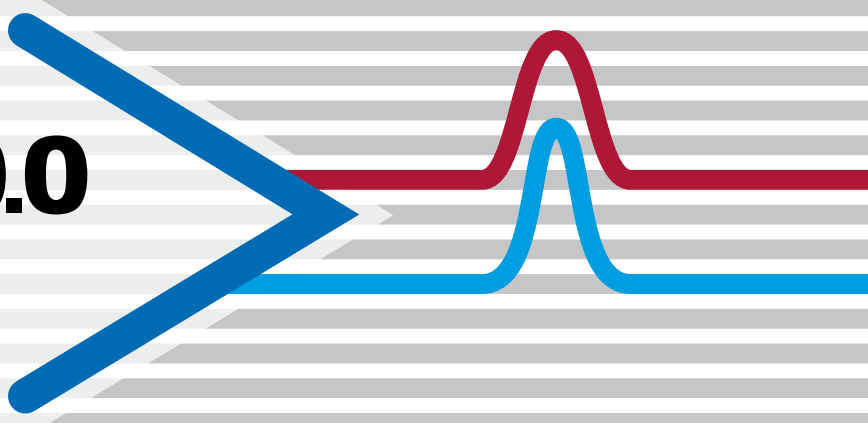
Measurement Types:

- ✓ **Site VSWR** validation according to CISPR 16-1-4, ed. 2.0 (2007)
- ✓ **Normalized Site Attenuation (NSA) for semi anechoic chambers** according to CISPR 16-1-4, ed. 2.0 - 2007 (clause 5.7.1), ANSI C63.4 - 2003 (swept frequency), ANSI C63.5 - 2005 (GSCF), EN 50147-2 - 1996, ARC - Dual Antenna Factor Method, Site Reference Method
- ✓ **Normalized Site Attenuation (NSA) for fully anechoic rooms** according to CISPR 16-1-4, ed. 2.0 - 2007 (Site Reference), CISPR 16-1-4, ed. 2.0 - 2007 (NSA Method), ARC - Transmission Loss Method
- ✓ **System Check** for quality assurance in conducted and radiated EMC and EMF measurements as required by ISO 17025
- ✓ **Cable Loss** for calibrating the losses of cables and attenuators as required by ISO 17025

The modular concept of CalStan 10.0 allows integration of new measurement types and future standard requirements.

CalStan 10.0

SOFTWARE

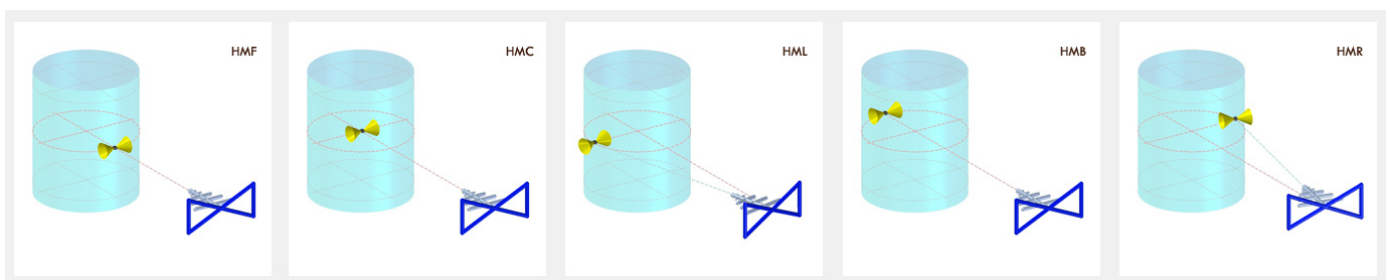


Features:

- Comfortable graphical user interface
- Error avoidance by display of the measurement positions
- Tracking of measurement history
- Quick and easy change of instrument settings
- Modular concept for measurement types
- Modular concept for device drivers
- Check of correct measurement parameters
- New measurement types
- Update via internet

Requirements:

Minimum computer requirements	1500 MHz CPU, 256 MB RAM, 50 MB HDD
Operating systems	Windows 2000, Windows XP
Installed software	.NET framework version 2.0, National Instruments Runtime, MS EXCEL version 2002 for report generation
Additional hardware	National Instruments GPIB card
Test instruments	actual list of supported test instruments can be found at www.seibersdorf-rf.com/calstan



Presented by:

Contact

Austrian Research Centers GmbH - ARC
 smart systems Division - Radio Frequency Engineering
 A-2444 Seibersdorf
 E-mail: itr@arcs.ac.at, Web: www.seibersdorf-rf.com
DI (FH) Patricia Jasek
 Phone: +43 (0) 50550 - 2842, Fax: - 2813