

Emission Measurements (New 2014 Edition of ANSI C63.4) and Time Domain (TD) Applications (draft ANSI C63.25)

(Visit www.c63.org for more information)

This combined workshop is presented in two parts during one full day. Topics covered include: (1) review of the new 2014 edition of ANSI C63.4 and (2) preview of the draft ANSI C63.25 site validation document and application of Time Domain (TD) measurements for test site validation and antenna calibration. These workshops are designed to increase your understanding of the new C63.4 standard and the TD approach. For

the C63.4 workshop, there will be an analysis of the test site validation including using the CISPR SVSWR method above 1 GHz, requirements for hybrid antenna use, test setup requirements and many other changes from that of the previous edition in 2009. Application of time domain methods to validating test sites will also be presented along with a demonstration using a Keysight PNA microwave network analyzer. As time permits, attendees will get a chance to apply what they learned via problem solving and/or participating in the real-time time domain demonstration.

In the C63.4 workshop, you will learn changes between the 2009 and 2014 editions in these areas:

- RF emission measurement procedures above 1 GHz
- Regulatory implications
- Test facility changes and hybrid antenna validation
- Handling tablet PCs, rack-mounted equipment and visual displays
- The basic information contained in the CISPR 32 (multimedia, IT and receivers) testing approach

In the Time Domain (C63.25 draft) workshop, you will learn:

- Application for site validation
- Application for antenna calibration
- Updates on the draft standard

Support material provided

- A complete lecture flash drive

Who Should Attend

Those responsible for determining compliance with FCC Rules and Regulations (and CISPR 22/32), including:

- Product managers and developers
- EMC engineers and test technicians
- Regulatory compliance managers
- Test instrumentation developers
- Those using and calibrating antennas in making radiated emission compliance measurements
- Calibration technicians
- Calibration and measurement accreditation bodies
- Lab quality assessors
- Test instrumentation and chamber manufacturers

Expert Instructors

Workshops feature leading industry experts and ANSI C63@ members, including Don Heirman, Workshop Director, (Don HEIRMAN Consultants), and Zhong Chen (ETS-Lindgren).

Date and Location

August 14, 2015
Technical University (TU) - Dresden
Address and room number to be provided upon registration.

Fee Includes

Transportation to/from the Maritim Hotel (host hotel for IEEE EMC Symposium) and TU-Dresden, complete lecture flash drive, continental breakfast, lunch, breaks, and completion certificate. Fee does NOT include copies of the draft or published standards. Fee does NOT include hotel accommodations. See www.emc2015.org for hotel and symposium information.

Agenda

ANSI C63.4: Half-day August 14
8:00 am Registration
Class: 8:30 am to 12:00 pm

Time Domain: Half-day August 14

Registration: 12:00 pm
Class: 1:00 pm to 5:00 pm

Registration Form

Contact: Janet O'Neil

Telephone: 425-868-2558 j.n.oneil@ieee.org

Ms./Mr. _____
Company _____
Address _____
City _____ State _____ Zip _____
Daytime Phone _____ Fax _____
Email _____

Payment Options:

ON LINE: To pay on line, send an email to j.n.oneil@ieee.org along with a scan of this completed registration form. An invoice will be returned to you via email which you can use to pay on line with your credit card.

CHECK: Make check payable to **U.S. EMC Standards Corporation** in U.S. dollars drawn on a U.S. bank. Mail to:

Dan Hoolihan
P.O. Box 367
Lindstrom, MN 55045

Please do not mail after July 15.

Please visit www.c63.org/workshops.htm for more information on ANSI ASC C63@, these workshops, and speaker biographies.

NOTE: You are not registered until you receive confirmation.

**With prior telephone confirmation only.

C63.4 Emissions workshop only – August 14 (morning)

By July 27*: \$250 USD _____
C63@ & S/C Members (by July 27) \$200 USD _____

Time Domain workshop only – August 14 (afternoon)

By July 27*: \$250 USD _____
C63@ & S/C Members (by July 27) \$200 USD _____

Both workshops – All day August 14

By July 27*: \$500 USD _____
C63@ & S/C Members (by July 27) \$400 USD _____

*Add \$150 if after July 27 or at the door** for either workshop or both workshops \$150 USD \$ _____

Total USD \$ _____

The organizing committee reserves the right to substitute speakers, modify the program (or lecture notes), restrict attendance or to cancel the workshop(s). In the event the workshop(s) is/are canceled, registration fees will be refunded. No refunds will be made to individuals who cancel after July 10. Substitutions are allowed. Workshops without a minimum of six attendees signed up by 27 July 2015 will be cancelled and registration fees returned. It is suggested that you book refundable travel arrangements as appropriate if workshop(s) is/(are) cancelled.