

# COMPLIANCE TESTING OF WIRELESS DEVICES AND UNINTENTIONAL RADIATORS

(Visit [www.c63.org](http://www.c63.org) for more information)

This workshop provides an overview of the current proposed changes to the standard C63.10 for unlicensed transmitter testing and the standard C63.26 for licensed transmitter testing. There will be specific emphasis on new procedures. These two standards capture most of the procedures for testing unlicensed and licensed wireless devices to show compliance with FCC requirements. Group discussions will be a highlight of the wireless workshop. A demonstration will supplement the lecture material, time permitting. The instructors are members of ANSI ASC C63®; they have an intimate knowledge of the technology and contributed directly to the development of these procedures.

**This one-day workshop will cover many of the traditional and updated procedures in C63.10-201X and in C63.26-201X including:**

- Instrumentation requirements
- Average value of pulse emissions
- Antenna requirements
- Test site requirements
- RF output power measurements
- Modulation measurements
- Occupied bandwidth procedures
- Band-edge procedures
- Direct and signal substitution radiated emission measurements
- Frequency stability measurements
- Conducted tests at antenna port
- Smart antenna system tests
- Revised MIMO procedures
- Annexes covering example of OOB masks, consumer booster requirements, ERP/EIRP guidelines, path loss characterization, sample test report, compliance tests versus regulatory requirements and other informative guidance

### Who Should Attend

Those responsible for determining compliance with FCC Rules and Regulations, including:

- Product managers and developers
- EMC engineers and test technicians
- Regulatory compliance managers
- Test instrumentation developers
- Calibration and measurement accreditation bodies
- Lab quality assessors
- Test instrumentation and chamber manufacturers

### Date and Location

Saturday, July 28, 2018

Element Materials Technology - 41 Tesla, Irvine, CA 92618 - +1 949-861-8918

### Host Hotel – Hyatt Regency Long Beach

See [EMC Symposium website](http://EMC Symposium website) for details.

### Expert Instructors

**Mark Briggs**, UL Director, Wireless Certification Program and **Bob DeLisi**, UL Principal Engineer. Speaker bios are available at: [www.C63.org/workshop](http://www.C63.org/workshop).

### Fee Includes

Shuttle service to/from Element and the symposium host hotel, continental breakfast, lunch and refreshment breaks, and completion certificates. Soft copy of workshop notes only will be provided. (Fee does NOT include draft or published standards.)

### Agenda

**C63.10/C63.26 Wireless Workshop - All day, Saturday, July 28, 2018**

July 28: Registration: 8:30 am - Class: 9:00 am to 5:00 pm

## REGISTRATION FORM

Contact: Janet O'Neil

Telephone: +1 425-443-8106

Email: [j.n.oneil@ieee.org](mailto:j.n.oneil@ieee.org)

(Please print legibly or type)

Ms./Mr. \_\_\_\_\_  
Company \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Daytime Phone \_\_\_\_\_  
Email \_\_\_\_\_

C63.10/26 Workshop: July 28 (Saturday - all day)  
By June 15\* \$750 USD \_\_\_\_\_  
Add \$150 if registered after June 15 \$150 USD \_\_\_\_\_  
Total \*\* \$ \_\_\_\_\_ USD

\*Please do not mail after July 10.

\*\*A 20% discount applies to ANSI ASC C63® main committee and subcommittee paid members.

**NOTE:** You are not registered until you receive confirmation. On site or "at the door" registrations can only be accepted with prior telephone or email confirmation only.

### PAYMENT OPTIONS:

**ON LINE:** To pay on line, send an email to [j.n.oneil@ieee.org](mailto: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 visit [www.c63.org/workshops.htm](http://www.c63.org/workshops.htm) for more information on ANSI ASC C63®, this workshop, and speaker biographies.