

C63.25 WG

MAY 2016 – PISCATAWAY, NJ

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New Standard - C63.25
Standard for Validation Methods for Radiated Emission Test Sites

New C63.25 WG

- In February 2016 it was decided and approved by the SC1 Chair that the C63.4 WG (*Don Heirman*) will continue addressing the site validation requirements below 1 GHz.
- C63.25 is only addressing the frequency range 1GHz to 18 GHz regarding site validation.
- **New standard** – Plan to circulate a draft to SC1 in second quarter of 2016
 - The TD SVSWR Method in the current draft of C63.25 is for all intent and purposes complete.
- **PINS is current** (see website)
- **Scope:**

This standard provides methods of measurement requirements for the validation of radiated emission test sites in the frequency range of 1 GHz to 18 GHz. These requirements are applicable to fully anechoic rooms (FAR) and when spectrally treated on the floor open-area test sites (OATS), fully- and partially-covered OATS, semi-anechoic chambers (SAC).

C63.25 Background

- The CISPR technique for site validation above 1 GHz (CISPR 16-1-4:2012-07), called the Site-VSWR (SVSWR) approach, is referenced C63.25.
- An alternative approach to test site validation is the time domain method detailed in C63.25.
- The TDR method has several useful features:
 - such as requiring less time to perform the validation
 - giving an indication of where the site or chamber may be deficient and allowing use of corrective measures to bring it into compliance
- The user will now have the ability to select the option of choosing among the two techniques.
- Because the time domain approach is relatively new and as yet to be adopted universally, detailed specifics of how to perform the test will be provided in C63.25.

C63.25 meeting May 2016

- Face to face meeting yesterday (IEEE Piscataway, NJ).
 - **9 attendees**
- Two Webinar meetings in 2016
- There are some minor action items to be addressed;
 - Editorial
 - Definitions
- Reporting requirements; An informative checklist will be developed.
- A flowchart will replace the script used for the VNA necessary for the TDR method in C63.25.
- Scripts are vendor neutral.
- There is a mechanism to download the scripts from the public IEEE web site.
- <http://standards.ieee.org/downloads/C63/>