



# Updating References to Standards Related to the Commission's Equipment Authorization Program

**TCB Workshop  
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## Incorporation by Reference

- The FCC equipment authorization rules incorporate by reference various standards established by standards-setting bodies, such as:
  - the American National Standards Institute (ANSI) Accredited Standards Committee (ASC) C63;
  - the International Organization for Standardization (ISO);
  - the International Electrotechnical Commission (IEC).



# Types of Standards Related to Equipment Authorization

- Measurement Standards (e.g., ANSI ASC C63)
  - Standard compliance measurement procedures as incorporated by reference in §15.38 and §2.910.
  - Standard test site validation measurement procedures as incorporated by reference in §2.910.
- Accreditation Standards (e.g., ISO/IEC)
  - Test data provided with an application for certification must have been obtained from a test laboratory accredited in accordance with the Commission's rules.
  - Laboratory accreditation based on ISO/IEC Standard 17025:2005(E), "*General requirements for the competence of testing and calibration laboratories*" (ISO 17025), incorporated by reference in §2.910.
  - FCC laboratory accreditation bodies seeking FCC recognition must demonstrate compliance with ISO/IEC 17011:2004(E), "*Conformity assessment — General requirements for accreditation bodies accrediting conformity assessment bodies*" (ISO 17011), incorporated by reference in §2.910.



# New and Updated Standards

- Technological and measurement advancements require standards bodies to periodically update their standards or adopt new standards to maintain best practices.
- Several of the measurement and accreditation standards currently incorporated by reference in the FCC rules have recently been updated and/or are being phased out or replaced.
- This presentation is intended to provide notice that FCC action to update these standards is forthcoming.



# Commission Action Likely Forthcoming

- Notice of Proposed Rulemaking (NPRM) to update references to standards related to the Equipment Authorization Program is currently on circulation among Commissioners.
- NPRM will consider petitions received from ASC C63 with regard to these measurement standards:
  - C63.4a (Addendum), details presented at April 2020 TCBC conference;
  - C63.25.1 (New), details presented at April 2021 TCBC conference;
  - C63.10 (Update), details presented at April 2021 TCBC conference.
- Will also consider these updated accreditation standards:
  - ISO/IEC 17011
  - ISO/IEC 17025
- Encourage interested parties to watch for release and provide comment as deemed appropriate.



# Questions?