

**Limited amendment--C63.4a Report  
Emission Measurements**

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Chair

C63.4a Working Group

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# C63.4a WG members

Name	Role within C63.4 WG	Affiliation
<a href="#"><u>Heirman, Don</u></a>	Chair	Don HEIRMAN Consultants
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<a href="#"><u>Ramie, Jerry</u></a>	Secretary	ARC Technical Resources, Inc.
<a href="#"><u>Chen, Zhong</u></a>	Member	ETS-Lindgren
<a href="#"><u>Crumm, Allen</u></a>	Member	Consultant
<a href="#"><u>DeLisi, Bob</u></a>	Member	UL LLC
<a href="#"><u>Harrington, Tim</u></a>	Member	FCC
<a href="#"><u>Popovici, Horia</u></a>	Member	ISED Canada
<a href="#"><u>Samoto. Mits</u></a>	Member	Liberty Labs Asia
<a href="#"><u>Schafer, Werner</u></a>	Member	Schaefer Associates
<a href="#"><u>Zainal, Khairul</u></a>	Member	LS Research

**C63.4a**

- **PINS approved by WG, SC1 and C63 (2016) and is the first amendment to be processed in C63**
  - **Only Annex D on NSA site validation is being modified as a consequence of questions asked by many via the interpretation process**
  - **Equations in Annex D as well as other places in text are being corrected**
  - **Action is on fast track**
- **WG meeting held--1000 to noon on 5/9/16**

# Monday 5/9/16 Meeting

- **Main changes in draft sent to SC1 for review**
  - Transmit antennas no longer moved
  - Test volume key in antenna placement
  - Transmit antenna distance to absorbers reduced to 25 cm from 1 m
  - Added NSA up to 3 meters above ground plane
  - Added NSA validation for 5 meter test sites
  - Figures improved to show clearly the layout of transmit antennas distance to the receive antenna
  - Frequency step size for discrete frequency NSA measurements set
  - Corrected equations as identified

# Monday 5/9/16 Meeting

- Few changes in draft that was sent to SC1
  - Clarify where attenuator pads are placed
  - Allow tuned dipole *and* BB antennas for discrete frequency NSA
  - Time to lower antenna **shall** be much longer than spectrum analyzer sweep time
  - Refer more to C63.7 for types of problems
  - NSA theoretical tables are for geometries shown; other geometries allowed
  - Annex N differential values returned to original

# Monday 5/9/16 Meeting

- **Steps for C63.4a project:**
  - Presented to SC/1 for review and approval
  - Resolve any comments from SC/1
  - Ask at S/C 1 meeting to forward to C63 for balloting if all major comments are resolved during S/C 1 review
  - C63 ballot in August (short document to review)
  - Resolve any C63 balloter's comments in September
  - Get mandatory editorial coordination (MEC)
  - Publish by next C63 meeting in November
- **Time for amendment—less than 9 months**

# Monday 5/9/16 Meeting

- **Way forward:**
  - SC1 review progressed already
  - Comments received accounted for by WG
  - SC1 votes approval to move the draft to C63 to start the balloting process
    - Ballot group formed by secretariat
    - Ballot proceeds
    - Resolve any comments
    - Ballot recirculation possible if changes technical
    - If no recirculation needed, go to MEC/publication.