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30 October 2026

AGENDA

Committee:	TC-2; Electromagnetic Compatibility (EMC) Measurements
Place:	Virtual (see Zoom link below)
Date:	30 October 2026 (Friday)
Time:	10:00 to 11:00 AM MDT (starts Noon Eastern Daylight Time or EDT)
Zoom Link info:	Link (link includes meeting ID 979 2898 2698 and password 82366096)

1.0 Call to Order/Introductions

Meeting started at _____.

Quorum Check: TC-2 Meeting Quorum shall be 20% of the membership. Ballots for new officers shall have minimum voting participation of 50% and may include email ballots in the participation count. Candidates (those who have attended only a single meeting on or after 2023 prior to the start of this meeting) who are attending this meeting may be considered now considered members.

___ of ___ members (__% of membership) and a total of __ attended.

1.1 Charter

The committee reviews the adequacy of measurement procedures and measurement instrumentation specifications for radiated and conducted emission and immunity tests. Also discussed is the rationale for product emission limits and immunity test levels including performance requirements. The committee also supports EMC standards and procedures that deal with measurements and their uncertainty and how they are interpreted and applied.

2.0 Approval of Minutes from 2026 IEEE EMC TC-2 meeting (4 Aug 2026) at the IEEE EMC+SIPI 2026 Symposium (Dallas, TX).

3.0 TC-2 Election Status

TC-2 officer election was held in person during the August 1st 2023 TC-2 meeting and the members elected the following officers: Monrad Monsen (Chair), Ahalya Srikanth (Vice Chair) and John Kraemer (Secretary). Our next election will be held in summer of 2027 with the next officer transition occurring on 1 October 2027. John Kraemer stepped down from the Secretary role, so Varittha Sanphuang has volunteered to serve as Secretary until our next election in 2027.

4.0 Privacy Statement

Personal data will be handled in accordance with the IEEE Privacy Policy which can be found at: https://www.ieee.org/security-privacy.html . The TC-2 minutes will have list attendee names unless you contact the TC-2 secretary to ask for your name to not be mentioned. The information you provide in the sign-in roster (including email and company) will be used by the chapter officers for TC-2 related notifications/communications.
Note: As this meeting is entirely remote by Zoom, there will be no sign-in roster. If this is your first time meeting with TC-2, please send our Secretary (Varittha Sanphuang, vsanphuang@gmail.com) your email address and affiliation (company and/or educational institution) prior to the adjournment of today's meeting. (This will ensure that you are included in the attendance and will be on the distribution list for future TC-2 email news and meeting announcements).

5.0 Committee Membership Status was communicated by the Chair as follows:

5.1 Removal of non-active participants from membership roster.

Membership indicates that you have attended the TC-2 committee meeting at least two (2) or more times in the last four (4) years; candidates are shown as attending a single meeting on or after 2023 and no other. By committee rules, these candidates are not members of TC-2 unless they attend a second TC-2 meeting within a four-year period.

All attendees will initial the sign-in roster or add their name if it is not on the roster. After the August 2026 TC-2 meeting, those that have not attended a TC-2 meeting since 2023 will no longer be a TC-2 member but will remain on the list for one additional year (2026) to receive meeting announcements. Those that have not attended a TC-2 meeting since 2022 will be removed from the list. Any of those that are dropped from the membership list can rejoin TC-2 by attending the requisite number of meetings in the time frame noted above.

6.0 2027 Paper Review Deadlines:

Special Session Proposals due 20 November 2026.
Traditional (full papers) and Special Session papers due by 25 December 2026.
Workshop, Tutorial, Experiments & Demonstration Proposals due 15 January 2027.
Paper acceptance or accept conditioned on changes will be issued by 5 February 2027.
Abstract review papers due 19 February 2027.
Revised full paper due 5 March 2027.
Final decision notification is 8 April 2027.
Final paper (adding author names, etc.) is 7 May 2027.

The 2027 IEEE International Symposium on EMC+SIPI will use the EDAS conference management system to receive papers and manage the paper reviews. Now that we are migrating away from the ScholarOne system to EDAS, we need all of our paper reviewer volunteers to complete the following steps by October 31st:

1. Register for an EDAS account if you do not already have one and obtain your EDAS identifier (https://edas.info)
2. Complete the EMC+SIPI 2027 Reviewer Sign-up Form. (https://docs.google.com/forms/d/e/1FAIpQLScCwbNlTt3LiAwzyH94hfANdBGhLjbAt9pJ_IFjQl7KTUkqwA/viewform)

The form will collect your EDAS identifier, email address, and technical topics of interest. Specifically, please select "TC2" (EMC Measurements) for one of your areas of interest. Multiple technical topics may be selected.

Technical Papers are high-quality, peer reviewed papers presented in a 20-minute oral briefing with charts from a projector & computer plus a 10-minute question & answer period. Reviewers need to read and know the IEEE manuscript template so comments align with the instructions contained in the template.

- IEEE manuscript template for full technical papers (3-6 pages). These papers will also be published in the proceedings after they are presented at the symposium. https://www.ieee.org/conferences/publishing/templates

Abstract-Reviewed papers are short (1 page), allow presentation at the symposium, but will not be published until a follow-on full paper is created following the full technical paper template.

- The Abstract-Reviewed paper template (1 page) is: https://2026.emcsipi.org/wp-content/uploads/sites/3/2025/11/EMC2023_Abstract_Reviewed_Template-1.pdf

7.0 EMC Society Standards Status Update

The IEEE EMC Society sponsors many standards development, and that vast majority of the standards are devoted to EMC measurements related topics. We urge TC2 members and all within the EMC field to participate in the working groups to make these standards accurate, provide meaningful results and support the development of future technologies. The table below shows the current status on IEEE standards. My thanks to Ross Carlton (Secretary, Standards Development & Education Committee) for providing the below information.

Project / Standard Number	Standard Year	Title	Link	Expiration Date	State	PAR Approval Date	PAR Expiration Date	Status
139	1988	IEEE Recommended Practice for the Measurement of Radio Frequency Emission from Industrial, Scientific, and Medical (ISM) Equipment Installed on User's Premises	link	31-Dec-2022	Inactive-Reserved			
140	1990	IEEE Recommended Practice for Minimization of Interference from Radio-Frequency Heating Equipment	link	31-Dec-2001	Inactive-Withdrawn			
187	2018	IEEE Standard for Measurement of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9 kHz to 40 GHz	link	31-Dec-2028	Active			
299	2006	Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures	link	31-Dec-2022	Inactive-Reserved	13-Feb-2025	31-Dec-2029	Chair = Pavi Radhakrishnan Revision in progress. Developing draft.
299.1	2013	Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all Dimensions between 0.1 m and 2 m	link	31-Dec-2023	Inactive-Reserved	13-Feb-2025	31-Dec-2029	Chair = Davy Pissoort Revision in progress. Developing draft.

370	2020	IEEE Standard for Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up to 50 GHz	link	31-Dec-2030	Active			
377	1980	IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters	link	31-Dec-2018	Inactive-Reserved			
473	2025	Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)	link	31-Dec-2035	Active			
475	2000	IEEE Standard Measurement Procedure for Field Disturbance Sensors 300 MHz to 40 GHz	link	31-Dec-2022	Inactive-Reserved			
1128	1998	Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 40 GHz	link	31-Dec-2022	Active PAR	6-Dec-2017	31-Dec-2025	Chair = Zhong Chen. Revision in progress. Developing draft.
1140	1994	IEEE Standard Procedures for the Measurement of Electric and Magnetic Fields from Video Display Terminals (VDTs) from 5 Hz to 400 kHz	link	31-Dec-2018	Inactive-Reserved			
1302	2019	IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 40 GHz	link	31-Dec-2029	Active			
1309	2013	Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz	link	31-Dec-2023	Inactive-Reserved			
1560	2013	Standard for Methods of Measurement of Radio Frequency Power Line Interference Filter in the Range of 100 Hz to 10 GHz	link	31-Dec-2023	Active PAR	26-Sep-2024	31-Dec-2028	Chair = Dario Nemashkalo Revision in progress. Developing draft.
1597.1	2022	IEEE Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations	link	31-Dec-2032	Active			
1597.2	2010	Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations	link	31-Dec-2020	Inactive-Reserved			
1642	2015	IEEE Recommended Practice for Protecting Publicly Accessible Computer Systems from Intentional Electromagnetic Interference (IEMI)	link	31-Dec-2025	Active			
1688	2015	IEEE Standard Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules	link	31-Dec-2025	Active			
1848	2020	IEEE Standard for Techniques and Measures to Manage Functional Safety and Other Risks with Regard to Electromagnetic Disturbances	link	31-Dec-2030	Active			

P1848.1		Standard for Techniques & Measures to Manage Functional Safety and Other Risks With Regard to Electromagnetic Disturbances – Machinery Sector	link		Active PAR	21-Sep-2023	31-Dec-2027	Chair = Doug Nix Revision in progress. Developing draft.
1897	2024	IEEE Approved Draft Recommended Practice for Location of Power-Line Gap Interference Sources	link	31-Dec-2034	Active			
2665	2022	IEEE Recommended Practice for Statistical Process Control for EMC Test Laboratories	link	31-Dec-2032	Active			
P2710		Recommended Practice for Techniques to Evaluate the Performance of Enclosures and Other Methods for Electromagnetically Shielding Portable Electronic Devices	link		Active PAR	21-Sep-2023	31-Dec-2026	Chair = Alistair Duffy Revision in progress. Developing draft.
2715	2023	IEEE Guide for the Characterization of the Shielding Effectiveness of Planar Materials	link	31-Dec-2033	Active			
2716	2022	IEEE Guide for the Characterization of the Effectiveness of Printed Circuit Board Level Shielding	link	31-Dec-2032	Active			
2717	2024	IEEE Approved Draft Recommended Practice for Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments	link	31-Dec-2034	Active			
2718	2023	IEEE Guide for Near Field Characterization of Unintentional Stochastic Radiators	link	31-Dec-2033	Active			
P2838		Standard for Aircraft Component Lightning Strike Direct Effects Qualification	link		Active PAR	7-Nov-2019	31-Dec-2025	Chair = Fred Heather Revision in progress. Close to ballot.
P2855		Recommended Practice for the Electromagnetic Characterization of Cable/Connector Assembly Shielding Effectiveness in Frequency Range of Direct Current to 40 GHz	link		Active PAR	5-Mar-2020	31-Dec-2026	Chair = Huadong Li Revision in progress. Close to ballot.
P4119		Standard for Integration of Modeling and Simulation Methods in Electromagnetic Compatibility Engineering	link		Active PAR	14-May-2026	31-Dec-2030	Chair = Scott Piper Revision in progress. Developing draft.

PAR = Project Authorization Request. It is the means by which standards projects are started within the IEEE SA. PARs define the scope, purpose, and stakeholders for the new project.

Anyone interested in participating in one or more of the working groups can get more information by going to the SDECom webpage at https://www.emcs.org/standards/development-and-education/ which provides the officers and latest EMC standards status information.

8.0 Special Update on IEEE Standard P2855 (Recommended Practice for the Electromagnetic Characterization of Cable/Connector Assembly Shielding Effectiveness in Frequency Range of Direct Current to 40 GHz) – Ahalya Srikanth

9.0 Special Update on IEEE Standard 299 (Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures) – Varittha Sanphuang

10.0 Set meeting and agenda for next meeting(s)

10.1 Tentatively set for Tuesday July 13th, 2027, 7 am to 9 am, Portland, Oregon, USA.

11.0 Adjournment
The meeting was adjourned at _____.

Varittha Sanphuang
Secretary, IEEE EMC TC-2 (EMC Measurements)