

# Standards and Projects Sponsored by the IEEE Electromagnetic Compatibility Society Standards Development & Education Committee (SDECom)

Revision date: 13 May 2021

IEEE Standard	Title	Standard Expiration Date	Status	Chair and Sponsor Contact	PAR	Tech Comm/Continuity Group	Notes
Std.139-1988	Recommended Practice for the Measurement of RF Emission from ISM Equipment on User's Premises ( <a href="#">More information</a> )	Expires: 12/31/2022	Current Standard	Past Chair: Daniel Weinberg Sponsor contact: <a href="#">Ed Hare</a>	No active PAR	TC2	No maintenance underway.
Std. 187-2003 Project 187	Standard Measurement Methods of Emissions from FM and Television Broadcast Receivers in the Frequency Range of 9 kHz to 40 GHz ( <a href="#">More information</a> )	Expires: 12/31/2028	Current Standard	Past Chair: David Traver Sponsor contact: <a href="#">Ed Hare</a>	No active PAR	TC2	No maintenance underway.
Std. 299-2006	Standard Method for Measuring the Effectiveness of Shielding Enclosures (ANSI Recognized) ( <a href="#">More information</a> )	Expires: 12/31/2022	Current standard	Past Co-Chair: Dale Svetanoff Past Co-Chair: Maria Sarto Sponsor contact: <a href="#">Ed Hare</a>	No active PAR	Shielding CG	No maintenance underway. Shielding Continuity Group will consider revisions at the 2022 Symposium meeting.
Std. 299.1-2013	Standard Method for Measuring the Shielding	Expires: 12/31/2023	Current Standard	Past Chair: Maria Sarto Sponsor	No active PAR	Shielding CG	No maintenance underway. Shielding Continuity Group will consider revisions at the

	Effectiveness of Enclosures and Boxes Having Dimensions Between 0.1 and 2m ( <a href="#">More information</a> )			contact: <a href="#">Ed Hare</a>			2022 Symposium meeting.
Std. 370	Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up to 50 GHz ( <a href="#">More information</a> )	Expires: 12/31/2030	Current Standard	Chair: <a href="#">Xiaoning Ye</a>	No active PAR	TC4	No maintenance underway
Std. 377-1980	Recommended Practice on the Measurement of Spurious Emissions from Land-Mobile Comm. Transmitters (ANSI Recognized) ( <a href="#">More information</a> )	Expired: 12/31/2018	Admin withdrawn	Sponsor contact: <a href="#">Ed Hare</a>	No active PAR	TC2	No maintenance underway. Standard is functionally obsolete and will not be revised,
Project 473	Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz) ( <a href="#">More information</a> )	Expired: 12/31/2006 New project	Revision in progress	Chair: <a href="#">Chad Kiger</a> Vice Chair: Secretary:	<a href="#">IEEE PAR</a> Expires: 12/31/2022	TC3	
Std. 475-2000	Measurement Procedure for Field Disturbance Sensors, 300 MHz to 40 GHz (ANSI Recognized)	Expires: 12/31/2022	Current standard	Past Chair: Hugh Denny Sponsor contact: <a href="#">Ed Hare</a>	No active PAR		No maintenance underway. Standard is functionally obsolete and will not be revised.

	<a href="#">(More information)</a>						
Project 1128 Std. 1128-1998	Recommended Practice for RF Absorber Evaluation in the Range of 30 MHz to 5 GHz <a href="#">(More information)</a>	Expires: 12/31/2022	Current standard  Revision in progress	Chair: <a href="#">Zhong Chen</a> Sponsor contact: <a href="#">Ed Hare</a>	<a href="#">IEEE PAR</a> Expires: 12/31/2023		Range being extended to 40 GHz.  Cospponsored by Antennas and Propagation Society
Std. 1302-2019	Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 40 GHz <a href="#">(More information)</a>	Expires: 12/31/2029	Current standard	Past Chair: Johan Catrysse Vice Chair: <a href="#">Davy Pisssoort</a> Secretary: Yoeeri Arien	No active PAR		Published November 7, 2019 No maintenance underway.
Std. 1309-2013	Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz <a href="#">(More information)</a>	Expires: 12/31/2023	Current Standard	Past Chair: Zhong Chen Sponsor contact: <a href="#">Ed Hare</a>	No active PAR		No maintenance underway.
Std. 1560-2013	Methods of Measurement of Radio Frequency Interference Filter Suppression Capability in the Range of 100 Hz to 10 GHz <a href="#">(More information)</a>	Expires: 12/31/2023	Current standard	Past Chair: Kermit Phipps Sponsor contact: <a href="#">Ed Hare</a>	No active PAR		No maintenance underway.
Std. 1597.1-2008 Project 1597.1	Standard for validation of CEM Computer Modeling (CEM)	Expires: 12/31/2032	Current standard	Past Chair: <a href="#">Alistair Duffy</a> Vice Chair: Secretary:	No active PAR  .	Computational CG	No maintenance underway

	and Simulation ( <a href="#">More information</a> )						
Std. 1597.2-2010	Recommended Practice for Computational Electromagnetics (CEM) Computer Modeling and Simulation Applications ( <a href="#">More information</a> )	Expired: 12/31/2020 Admin withdrawn	Admin withdrawn	Past Chair: Andy Drozd Sponsor contact: <a href="#">Ed Hare</a>	No active PAR	Computational CG	No maintenance underway. Standard was a case-study companion to Std. 1591.1. SDECom will make a decision about this at the August Symposium meeting.
P1613 Std. 1613-2013	Standard for Environmental and Testing Requirements for Devices with Communications Functions in Electric Transmission and Distribution Facilities. ( <a href="#">More information</a> )	Expires 12/31/2023	Revision in progress	Chair: John Tengden	<a href="#">IEEE PAR</a> Expires 12/31/2022		Co sponsored with Power and Energy. Report will be provided by Jerry Ramie at the August Symposium meeting.
Std. 1642-2015	Recommended Practice for Protecting Public Accessible Computer Systems from Intentional EMI ( <a href="#">More information</a> )	Expires: 12/31/2025	Current Standard	Past Chair: Bill Radasky Sponsor contact: <a href="#">Ed Hare</a>	No active PAR	Intentional EMI CG (Radasky)	Current standard.
Std. 1688-2015	Standard for Module Electromagnetic Interference (EMI) Testing ( <a href="#">More information</a> )	Expires: 12/31/2025	Current Standard	Past Chair: Fred Heather Sponsor contact: <a href="#">Ed Hare</a>	No active PAR		Current standard.

Std. 1848-2020	Techniques & Measures to Manage Risks With Regard to Electromagnetic Disturbances ( <a href="#">More information</a> )	Expires: 12/31/2030	Current Standard	Chair: <a href="#">Keith Armstrong</a> Vice Chair: <a href="#">Alistair Duffy</a> Secretary: <a href="#">Niklas Briest</a>	No active PAR		No maintenance underway. New work being proposed.
Project 1897	Resolution of Power-Line Gap-Noise Reports ( <a href="#">More information</a> )	New project	Drafting in progress	Chair: <a href="#">Mike Gruber</a> Vice Chair: Brian Cramer Secretary: Jerry Ramie	<a href="#">IEEE PAR</a> Expires: 12/31/2022		Balloting group being formed.
Project 2425	Standard for Electromagnetic Compatibility Testing of Electrical and Instrumentation and Control Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities ( <a href="#">More information</a> )	New project	Drafting in progress	Chair: <a href="#">Suresh Channarasappa</a> Vice Chair: Secretary:	<a href="#">IEEE PAR</a> Expires: 12/31/2023		Sponsor: <a href="#">Nuclear Power Engineering Committee (PE/NPE)</a> Co-sponsor: <a href="#">EMS Society SDECom</a>  Work in progress, Report needed.
Project 2665	Recommended Practice for Statistical Process Control for EMC Test Laboratories ( <a href="#">More information</a> )	New Project		Chair: <a href="#">Kimball Williams</a> Vice Chair: Secretary:	<a href="#">IEEE PAR</a> Expires: 12/31/2023		Successful ballot. Comments being resolved.
Project 2710	Electromagnetic Shielding Performance of Enclosures for Portable Electronic Devices	New project	Drafting in progress	Chair: <a href="#">Alistair Duffy</a> Vice Chair: Secretary:	IEEE PAR was admin withdrawn by SASB 12/3/2021	TC4	New PAR being voted on in NeSCom.
Project 2715	Guide for the Characterization	New project		Chair: <a href="#">Alpesh Bhobe</a>	<a href="#">IEEE PAR</a>	TC4	In ballot.

	of the Shielding Effectiveness of Planar Materials ( <a href="#">More information</a> )			Vice Chair: <a href="#">Davy Pissoort</a> Secretary: Yoeri Arien	Expires: 12/31/2022		
Project 2716	Guide for the Characterization of the Effectiveness of Printed Circuit Board Level Shielding ( <a href="#">More information</a> )	New project		Chair: <a href="#">Davy Pissoort</a> Vice Chair: John Dawson Secretary: Yoeri Arien	<a href="#">IEEE PAR</a> Expires: 12/31/2022 .	TC4	In ballot.
Project 2717	Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments ( <a href="#">More information</a> )	New project	Drafting in progress	Chair: <a href="#">Leo Liu</a> Vice Chair: Secretary:	<a href="#">IEEE PAR</a> Expires: 12/31/2023		Report needed.
Project 2718	Guide for Near Field Characterization of Unintentional Stochastic Radiators ( <a href="#">More information</a> )	New project	Drafting in progress	Chair: <a href="#">Valter Mariani Primiani</a> Vice Chair: Secretary:	<a href="#">IEEE PAR</a> Expires: 12/31/2023		Work in progress on target.
Project 2838	Standard for Aircraft Component Lightning Strike Direct Effects Qualification ( <a href="#">More information</a> )	New project	Drafting in progress	Chair: <a href="#">Fred Heather</a> Vice Chair: Secretar7:	<a href="#">IEEE PAR</a> Expires: 12/31/2023		Report needed.
Project 2855	Recommended Practice for the Electromagnetic Characterization of Cable and Connector Assembly	New project	Working Group getting organized.	Chair: <a href="#">Huadong Li</a> Vice Chair: Secretary:	<a href="#">IEEE PAR</a> Expires: 12/31/2024		Work in progress on target.

	Shielding Effectiveness in Frequency Range of Direct Current to 40 GHz ( <a href="#">More information</a> )						
C37.90 Series	C37.90.1 -Surge protection  C37.90.2 - Protective Relays  C37.90.3 – ESD for protective relays	Existing standards. Revisions underway.	Various	Various	N/A	N/A	EMC Society seeking to become cosponsor of these standards as they come up for revision.