

IEEE EMC Society - Standards Development & Education Committee (SDECom)
EMC Standards Matrix
31 July 2025

Project / Standard Number	Standard Year	Title	Link	Expiration Date	State	PAR Approval Date	PAR Expiration Date	Ballot Invitation Close Date	Ballot Close Date	SASB Approval Date	Status	SDECom Plan of Action
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							No work planned. Allow to expire.
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Recommended Practice for Minimization of Interference from Radio-Frequency Heating Equipment	link	31-Dec-2001	Inactive-Withdrawn							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					15-Feb-2018		
299	2006	Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures	link	31-Dec-2022	Inactive-Reserved	13-Feb-2025	31-Dec-2029				Revision in progress. Developing draft.	Maintain.
299.1	2013	Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all	link	31-Dec-2023	Inactive-Reserved	13-Feb-2025	31-Dec-2029				Revision in progress. Developing draft.	Maintain.
370	2020	IEEE Standard for Electrical Characterization of Printed Circuit Board and Related Interconnects at Frequencies up	link	31-Dec-2030	Active					24-Sep-2020		
377	1980	IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters	link	31-Dec-2018	Inactive-Reserved							No work planned. Allow to expire.
473	1985	Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)	link	31-Dec-2006	Inactive-Reserved	30-Jun-2016	31-Dec-2025	-	17-Jan-2025		SA Ballot: Completed second round. Addressing additional comments.	Maintain. Hold WG meeting at Symposium.
475	2000	IEEE Standard Measurement Procedure for Field Disturbance Sensors 300 MHz to 40 GHz	link	31-Dec-2022	Inactive-Reserved							There has been interest in extending the frequency range below 30 MHz. No work planned. Allow to expire.
1128	1998	Recommended Practice for Radio-Frequency (RF) Absorber Evaluation in the Range of 30 MHz to 40 GHz	link	31-Dec-2022	Inactive-Reserved	6-Dec-2017	31-Dec-2025				Revision in progress. Developing draft.	Maintain.
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							No work planned. Allow to expire.
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					7-Nov-2019		
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							Determine plan.
1560	2013.00	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	Inactive-Reserved	26-Sep-2024	31-Dec-2028				Revision in progress. Developing draft.	Maintain.
1597.1	2022	IEEE Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations	link	31-Dec-2032	Active					3-May-2022		
1597.2	2010	Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations	link	31-Dec-2020	Inactive-Reserved							Standard was a case-study companion to Std. 1591.1. Determine plan.
1642	2015	IEEE Recommended Practice for Protecting Publicly Accessible Computer Systems from Intentional Electromagnetic Interference (IEMI)	link	31-Dec-2025	Active					26-Jan-2015		No work planned. Allow to expire. No interest in maintenance as of 7/1/25.
1688	2015	IEEE Standard Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules	link	31-Dec-2025	Active					11-Jun-2015		No work planned. Allow to expire. No interest in maintenance as of 7/1/25.
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					4-Jun-2020		
1848.1		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				Revision in progress. Developing draft.	Maintain.

1897	2024	IEEE Approved Draft Recommended Practice for Location of Power-Line Gap Interference Sources	link	31-Dec-2034	Active					15-Feb-2024		
2665	2022	IEEE Recommended Practice for Statistical Process Control for EMC Test Laboratories	link	31-Dec-2032	Active					8-Nov-2022		
2710		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				Revision in progress. Developing draft.	Maintain.
2715	2023	IEEE Guide for the Characterization of the Shielding Effectiveness of Planar Materials	link	31-Dec-2033	Active					15-Feb-2023		
2716	2022	IEEE Guide for the Characterization of the Effectiveness of Printed Circuit Board Level Shielding	link	31-Dec-2032	Active					3-Dec-2022		
2717	2024	IEEE Approved Draft Recommended Practice for Passive Intermodulation Test Methods for Wireless Systems in Low Noise Environments	link	31-Dec-2034	Active					26-Sep-2024		
2718	2023	IEEE Guide for Near Field Characterization of Unintentional Stochastic Radiators	link	31-Dec-2033	Active					6-Dec-2023		
2838		Standard for Aircraft Component Lightning Strike Direct Effects Qualification	link		Active PAR	7-Nov-2019	31-Dec-2025				Revision in progress. Developing draft.	Maintain. Request update at Symposium. IEEE-SA allows up to 2 more years before mandatory stop.
2855		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				Revision in progress. Developing draft.	Maintain. Almost ready for Ballot. Request update mtg at Symposium if timing works.