

**IEEE EMC Society - Standards Development & Education Committee (SDECom)**

**EMC Standards Matrix**

**26 July 2026**

| 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 | <a href="#">link</a> | 31-Dec-2022     | Inactive-Reserved  |                   |                     |                              |                   | 9-Jun-1988         |                                                                          | No work planned.                                                                                         |
| 140                       | 1990          | IEEE Recommended Practice for Minimization of Interference from Radio-Frequency Heating Equipment                                                               | <a href="#">link</a> | 31-Dec-2001     | Inactive-Withdrawn |                   |                     |                              |                   |                    |                                            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                                 | <a href="#">link</a> | 31-Dec-2028     | Active             |                   |                     |                              |                   | 15-Feb-2018        |                                                                          | Determine plan.                                                                                          |
| 299                       | 2006          | Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures                                                                         | <a href="#">link</a> | 31-Dec-2022     | Inactive-Reserved  | 13-Feb-2025       | 31-Dec-2029         |                              |                   |                    | WG Chair = Pavi Radhakrishnan<br>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                                   | <a href="#">link</a> | 31-Dec-2023     | Inactive-Reserved  | 13-Feb-2025       | 31-Dec-2029         |                              |                   |                    | WG Chair = Davy Pissort<br>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                                    | <a href="#">link</a> | 31-Dec-2030     | Active             |                   |                     |                              |                   | 24-Sep-2020        |                                                                          |                                                                                                          |
| 377                       | 1980          | IEEE Recommended Practice for Measurement of Spurious Emission from Land-Mobile Communication Transmitters                                                      | <a href="#">link</a> | 31-Dec-2018     | Inactive-Reserved  |                   |                     |                              |                   | 15-Mar-1979        |                                                                          | No work planned.                                                                                         |
| 473                       | 2025.00       | Recommended Practice for an Electromagnetic Site Survey (10 kHz to 40 GHz)                                                                                      | <a href="#">link</a> | 31-Dec-2035     | Active             |                   |                     |                              |                   | 10-Sep-2025        |                                                                          | Recently published.                                                                                      |
| 475                       | 2000          | IEEE Standard Measurement Procedure for Field Disturbance Sensors 300 MHz to 40 GHz                                                                             | <a href="#">link</a> | 31-Dec-2022     | Inactive-Reserved  |                   |                     |                              |                   | 26-Jun-1999        |                                                                          | 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                                                              | <a href="#">link</a> | 31-Dec-2022     | Active PAR         | 6-Dec-2017        | 31-Dec-2025         |                              |                   |                    | WG Chair = Zhong Chen.<br>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                           | <a href="#">link</a> | 31-Dec-2018     | Inactive-Reserved  |                   |                     |                              |                   |                    |                                                                          | No work planned.                                                                                         |
| 1302                      | 2019          | IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range of DC to 40 GHz                                                | <a href="#">link</a> | 31-Dec-2029     | Active             |                   |                     |                              |                   | 7-Nov-2019         |                                                                          | Determine plan.                                                                                          |
| 1309                      | 2013          | Standard for Calibration of Electromagnetic Field Sensors and Probes, Excluding Antennas, from 9 kHz to 40 GHz                                                  | <a href="#">link</a> | 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                                          | <a href="#">link</a> | 31-Dec-2023     | Active PAR         | 26-Sep-2024       | 31-Dec-2028         |                              |                   |                    | WG Chair = Dario Nemashkalo<br>Revision in progress. Developing draft.   |                                                                                                          |
| 1597.1                    | 2022          | IEEE Standard for Validation of Computational Electromagnetics Computer Modeling and Simulations                                                                | <a href="#">link</a> | 31-Dec-2032     | Active             |                   |                     |                              |                   | 3-May-2022         |                                                                          |                                                                                                          |
| 1597.2                    | 2010          | Recommended Practice for Validation of Computational Electromagnetics Computer Modeling and Simulations                                                         | <a href="#">link</a> | 31-Dec-2020     | Inactive-Reserved  |                   |                     |                              |                   | 30-Sep-2010        |                                                                          | 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)                              | <a href="#">link</a> | 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                                    | <a href="#">link</a> | 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                                | <a href="#">link</a> | 31-Dec-2030 | Active     |             |             |  |  | 4-Jun-2020  |                                                                      |  |
| P1848.1 |      | Standard for Techniques & Measures to Manage Functional Safety and Other Risks With Regard to Electromagnetic Disturbances – Machinery Sector                    | <a href="#">link</a> |             | Active PAR | 21-Sep-2023 | 31-Dec-2027 |  |  |             | WG Chair = Doug Nix<br>Revision in progress. Developing draft.       |  |
| 1897    | 2024 | IEEE Approved Draft Recommended Practice for Location of Power-Line Gap Interference Sources                                                                     | <a href="#">link</a> | 31-Dec-2034 | Active     |             |             |  |  | 15-Feb-2024 |                                                                      |  |
| 2665    | 2022 | IEEE Recommended Practice for Statistical Process Control for EMC Test Laboratories                                                                              | <a href="#">link</a> | 31-Dec-2032 | Active     |             |             |  |  | 8-Nov-2022  |                                                                      |  |
| P2710   |      | Recommended Practice for Techniques to Evaluate the Performance of Enclosures and Other Methods for Electromagnetically Shielding Portable Electronic Devices    | <a href="#">link</a> |             | Active PAR | 21-Sep-2023 | 31-Dec-2026 |  |  |             | WG Chair = Alistair Duffy<br>Revision in progress. Developing draft. |  |
| 2715    | 2023 | IEEE Guide for the Characterization of the Shielding Effectiveness of Planar Materials                                                                           | <a href="#">link</a> | 31-Dec-2033 | Active     |             |             |  |  | 15-Feb-2023 |                                                                      |  |
| 2716    | 2022 | IEEE Guide for the Characterization of the Effectiveness of Printed Circuit Board Level Shielding                                                                | <a href="#">link</a> | 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                                 | <a href="#">link</a> | 31-Dec-2034 | Active     |             |             |  |  | 26-Sep-2024 |                                                                      |  |
| 2718    | 2023 | IEEE Guide for Near Field Characterization of Unintentional Stochastic Radiators                                                                                 | <a href="#">link</a> | 31-Dec-2033 | Active     |             |             |  |  | 6-Dec-2023  |                                                                      |  |
| P2838   |      | Standard for Aircraft Component Lightning Strike Direct Effects Qualification                                                                                    | <a href="#">link</a> |             | Active PAR | 7-Nov-2019  | 31-Dec-2025 |  |  |             | WG Chair = Fred Heather<br>Revision in progress.<br>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 | <a href="#">link</a> |             | Active PAR | 5-Mar-2020  | 31-Dec-2026 |  |  |             | WG Chair = Huadong Li<br>Revision in progress.<br>Close to ballot.   |  |
| P4119   |      | Standard for Integration of Modeling and Simulation Methods in Electromagnetic Compatibility Engineering                                                         | <a href="#">link</a> |             | Active PAR | 14-May-2026 | 31-Dec-2030 |  |  |             | WG Chair = Scott Piper<br>Revision in progress. Developing draft.    |  |