
myProject™ - P1302 PAR Detail

Submitter Email: johan.catrysse@khbo.be

Type of Project: Revision to IEEE Standard

PAR Request Date: 30-Nov-2000

PAR Approval Date: 14-Jun-2001

PAR Expiration Date: 31-Dec-2008

PAR Signature Page on File: Yes

Status: Revision to an Existing IEEE Standard, Std 1302-1998

Project: 1302

Root Project: 1302-1998

1.1 Project Number: P1302

1.2 Type of Document: Guide

1.3 Life Cycle: Full Use

1.4 Is this project in ballot now? Yes

Invitation History

2.1 Title: Guide for the Electromagnetic Characterisation of Conductive Gaskets in the frequency range of DC to 18 GHz

Old Title: IEEE Guide for the Electromagnetic Characterization of Conductive Gaskets in the Frequency Range DC to 18GHz

3.1 Working Group: Working Group for Electromagnetic Characterization of Conductive Gaskets (EMC/SDCom/WG1302)

Contact Information for Working Group Chair

Johan A M Catrysse

Email: johan.catrysse@khbo.be

Phone: +3259569034

Contact Information for Working Group Vice-Chair

None

3.2 Sponsoring Society and Committee: IEEE Electromagnetic Compatibility Society/Standards Development Committee (EMC/SDCom)

Contact Information for Sponsor Chair

H Stephen Berger

Email: stephen.berger@ieee.org

Phone: 512-864-3365

Contact Information for Standards Representative

Edward Hare

Email: w1rfi@arrl.org

Phone: 860-595-0318

4.1 Type of Ballot: Individual

4.2 Expected Date of Submission for Initial Sponsor Ballot: 05/2003

4.3 Projected Completion Date for Submittal to RevCom: 12/2005

5.1 Approximate number of people expected to work on this project: 0

5.2 Scope: The scope of the proposed project is to provide manufacturers of gaskets and designers of electronic systems appropriate methods for the characterization of gaskets. It will guide the user in the selection of the appropriate test method in order to determine the level of shielding provided in the intended application.

**Old
Scope:**

5.3 Is the completion of this standard dependent upon the completion of another standard: No

5.4 Purpose: In the current version of Std. 1302, the following items are not covered: - frequency range over 1 GHz, where only small samples are available (and hence not applicable for MIL STD 285 versions - test methods for small gaskets under near field conditions for INTRA-SYSTEM shielding - correlations between DC tests, Transfer Impedance and shielding methods Some methods in the actual text are only mentioned, but not discussed in depth. This revision proposes to provide additional guidance on the strengths and weaknesses of each of the methods recommended, and provide an in-depth documentation for each method. Thus the proposed revision will specifically: - identify possible measuring methods for small samples of gaskets (including over 1 GHz) - correlation between different methods for characterization of gaskets, such as DC resistance, transfer impedance and different shielding measurement methods - identify possible measuring methods for near field characterization of gaskets, for use in intra-system applications (typically on PCB boards)

**Old
Purpose**

5.5 Need for the Project:

5.6 Stakeholders for the Standard:

Intellectual Property

6.1.a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR prior to the PAR submittal to the IEEE-SA Standards Board? Yes

6.1.b. Is the Sponsor aware of any copyright permissions needed for this project? No

6.1.c. Is the Sponsor aware of possible registration activity related to this project? No

7.1 Are there other standards or projects with a similar scope? No

7.2 Future Adoptions

Is there potential for this standard (in part or in whole) to be adopted by another national, regional, or international organization? Unknown

7.3 Will this project result in any health, safety, security, or environmental guidance that affects or applies to human health or safety? No

7.4 Additional Explanatory Notes: (Item Number and Explanation)