

IEEE EMC Society Standards Development & Education Committee (SDECom)

Meeting Minutes

August 8, 2024

Hybrid (In-Person + WebEx)
Phoenix Convention Center, Room 131C

Chair: Alistair Duffy apd@dmu.ac.uk
Vice Chair: Jens Medler jens.medler@rohde-schwarz.com
Secretary: Ross Carlton ross.carlton@gibbscox.com

Vice President (Standards);
Karen Burnham karen.burnham@gmail.com
Standards Association Liaison:
Jennifer Santulli j.santulli@ieee.org

Meeting start: 14:00 PDT/MST (UTC/GMT -8 hours)

1. Call to Order and Roll Call Chair
 - 1.1. Chair's Remarks
 - 1.2. Introductions
 - 1.3. Voting Membership

Roll call. Attendance is recorded in the Member Attendance Table.

Name	Role	Affiliation
Anderson, Steve	Member	ARRL
Benitez, Henry	Member	ElectroMagnetic Investigations
Braxton, Tom	Member	Shure
Burnham, Karen	Member	Electro Magnetic Applications
Carlton, Ross	Secretary	Gibbs & Cox (Leidos)
Chen, Zhong	Member	ETS-Lindgren
Duffy, Alistair	Chair	De Montfort University
Fanning, Craig	Member	Elite Electronic Engineering
Heather, Fred	Member	US Navy
Hoolihan, Dan	Member	Hoolihan EMC Consulting
Medler, Jens	Vice Chair	Rohde & Schwarz
Morse, Bill	Member	Schweitzer Engineering Labs
Norgard, John	Member	NASA
Pettit, Ghery	Member	Pettit EMC Consulting
Pissoort, Davy	Member	KU Leuven
Podgorski, Andrew	Member	Independent Scientist
Williams, Kimball	Member	Consultant

IEEE EMC Society

Standards Development & Education Committee (SDECom)

1.4. Non-Voting Membership

Name	Role	Affiliation
Santulli, Jennifer	Secretariat	IEEE Standards Association
McLellan, Joanna	-	EMC Productivity

1.5. Non-Members

Name	Affiliation
Koj, Sebastian (*)	Jude High School
Armstrong, Keith	Cherry Clough Consultants
Roch, Anne (*)	TU Eindhoven
Jullien, Charles (*)	SAFRAN Group
Kuczynski, Victor	VICAN Corporation
Hill, Lee	Silent Solutions
Ramie, Jerry	ARC Technical Resources
Van Bladel, Edwin	Dutch MOD
Wong, Warwick (*)	Google
Blum, Jeffrey	Verdelite Consulting
Vergara, Dan	BAE Systems
Benitez, Ryan	Electromagnetic Investigations
Liu, Lie	General Test Systems
Feng, Gang	Christie Digital Systems
Hiltz, Greg	Consultant
Gardin, Petter	Swedish Armed Forces
Rincand, Edgard	Abbott Diabetes
(*) – Interested in becoming a member of SDECom.	

1.6. Quorum

Quorum requires 50% of the voting membership in attendance. With 17 voting members, 9 or more voting members are required to establish a quorum. A quorum was established with 13 members in attendance.

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|-----------|--|------------------|
| 2. | Approval of the Agenda | Secretary |
| | The agenda was reviewed. A motion to approve the agenda was made by Ghery and seconded by Henry. Approval was unanimous. | |
| 3. | IEEE Patent Slides | Secretary |
| | The IEEE patent slides were reviewed. There were no questions or issues. | |
| 4. | Minutes of the Previous Meeting | Secretary |
| | Review and approval of the 7/30/2024 meeting minutes is deferred to the next meeting. | |
| 5. | Actions of the Previous Meeting | Secretary |
| | Action items were reviewed and updated. | |
| 6. | Membership | Chair |
| | There have been no new member applications. | |

IEEE EMC Society

Standards Development & Education Committee (SDECom)

STRATEGIC ACTIVITY FOR DISCUSSION

7. Policies and Procedures of SDECom

The P&Ps for SDECom and its Working Groups are posted on the SDECom website.

8. Standards Week 2024 Summary

Activities held during the week so far were discussed.

9. Standards Week 2025 Plans

The plans for 2025 are to continue the current schedule with minor modifications.

10. Standards Strategy

Deferred to the next meeting.

STANDARDS DEVELOPMENT ACTIVITY FOR DISCUSSION

11. Standards Reports and Status

The list of standards and their status is available on the EMCS web site.

https://s3.us-east-2.amazonaws.com/ieeesdecom/Standards_Matrix.pdf

12. Standards Actions

To discuss actions to take on standards.

- P299 “Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures”
 - The PAR was reviewed. A motion to approve the PAR was made by Karen and seconded by Ross. The PAR was unanimously approved.
- P299.1 “Standard Method for Measuring the Shielding Effectiveness of Enclosures and Boxes Having all Dimensions Between 0.1 m and 2 m”
 - The PAR was reviewed. A motion to approve the PAR was made by Ghery and seconded by Tom. The PAR was unanimously approved.
- P1560 “Standard for Methods of Measurement of Radio Frequency Power Line Interference Filter in the Range of 100 Hz to 10 GHz”
 - The PAR was reviewed. A motion to approve the PAR was made by Ghery and seconded by Davy. The PAR was unanimously approved.
- P2838 “Standard for Aircraft Component Lightning Strike Direct Effects Qualification”
 - The WG will continue its work.
- P3431 “Recommended Practice for Vehicle-Mounted Onboard Units (OBU) with Over the Air Test”

13. Formation of Maintenance Working Groups for Expiring Standards

To discuss actions to take on standards expiring at the end of 2025.

- IEEE RP1642 “IEEE Recommended Practice for Protecting Publicly Accessible Computer Systems from Intentional Electromagnetic Interference (IEMI)”

IEEE EMC Society

Standards Development & Education Committee (SDECom)

- IEEE Standard 1688 “IEEE Standard Requirements for the Control of Electromagnetic Interference Characteristics of Replaceable Electronic Modules”

14. New Work Items

None.

15. Reports from SDECom representation on other bodies

None.

16. Other IEEE Standards

None.

17. VP Standards

Thanked all for attending and participating this the Standards Week activities.

CLOSING ITEMS

18. Any other business

None.

19. Adjournment of meeting (16:00 PDT/MST)

The next meeting of SDECom will be on October xx, 2024, from 0800 until 1000 PDT.

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ACTION ITEMS

AI #	Action	Owner	Assigned	Due	Status
2024-01	Describe recommendations for SDECom strategic focus.	A. Podgorski	01/23/24	Oct 2024 meeting	Open
2024-02	Establish study group with existing CG Chairs to review how work is going and what improvements or changes are needed. Review/revise the purpose, scope of a CG.	A. Duffy	01/23/24	Next meeting	Open
2024-03	Check with P3431 for status of addressing comments. Also send the comment list to AD.	R. Carlton	07/23/24	Next meeting	Open
2024-04	Ask Jennifer Santulli whether IEEE-SA is considering an online standards development system.	R. Carlton	07/30/24	Next meeting	New
2024-05	Send email to membership to poll for best meeting day.	R. Carlton	07/30/24	10/1/24	New

IEEE EMC Society Standards Development & Education Committee (SDECom)

MEMBER ATTENDANCE

Committee Member	Meeting Date										
	230728	230803	231024	240123	240730	240808					
Voting											
Anderson, Steve	-	-	-	X	X						
Benitez, Henry	X	X	-	-	-	X					
Braxton, Tom	-	X	-	X	X	X					
Burnham, Karen	X	X	X	X	X	X					
Carlton, Ross	X	X	X	X	X	X					
Chen, Zhong	-	-	-	-	-	X					
Duffy, Alistair	X	-	X	X	X	X					
Fanning, Craig	X	-	X	X	X	-					
Heather, Fred	-	X	-	-	X	X					
Hoolihan, Dan	-	-	-	-	-	-					
Medler, Jens	X	-	X	-	X	X					
Morse, Bill	-	-	X	-	-	X					
Norgard, John	-	-	-	-	-	X					
Pettit, Ghery	-	-	X	X	-	X					
Pissoort, Davy	X	X	-	-	X	X					
Podgorski, Andrew	X	-	-	X	X	-					
Williams, Kimball	-	X	X	-	X	X					
Non-Voting											
Santulli, Jennifer					-	-					
Roder, Patricia	X	X	X	X							

X = Attended