IEEE P802.11
Wireless LANs

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| IMMW SG November 2024 Meeting Minutes |
| Date: 2024-11-13 |
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Abstract

This document contains the minutes for the IMMW SG November 2024 Meeting Minutes.

Revision history:

* Rev0: initial version

Abbreviations:

* Q: Question
* C: Comment
* A: Answer

# 1st Meeting Slot: Tuesday, November 12, 2024, EVE, (7:30-9:30 p.m. PT)

1. The Chair, Laurent Cariou (Intel), calls the meeting to order (7:30 p.m. PT). The Chair notifies the attendees that the agenda is in [IMMW SG November 2024 meeting agenda](https://mentor.ieee.org/802.11/dcn/24/11-24-0996-02-immw-immw-sg-july-2024-meeting-agenda.pptx)
	* Note that this is a hybrid meeting, with some participants in person and some participating online through a Webex session
	* Need to pay the registration fee to attend
	* ≈10 people (in the room), ≈41 (on Webex)
2. IEEE-SA Policies and Procedure

The chair reviews the IEEE-SA Patent Policy:

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair. Speak up now and respond to this Call for Potentially Essential Patents. **Nobody speaks/writes up**.

1. The chair goes through other guidelines for IEEE WG meetings, Patent-related information, Participation in IEEE 802 Meetings, and Copyright. The Chair asks that it be minuted that the **Copyright Policy** was presented.
2. Chair provides an attendance reminder:

Please, **record your attendance** during the session by using the IMAT system:

* login to [*imat*](https://imat.ieee.org/attendance)
* select “802 Plenary Mixed-mode Session - November 2024”
* select “C/LM/WG802.11 Attendance” entry
* click “IMMW SG” session that you are attending

If you are unable to record your attendance, please, contact Laurent Cariou (laurent.cariou@intel.com) or Volker Jungnickel (volker.jungnickel@hhi.fraunhofer.de) for assistance.

1. Motions

Chair reviews the proposed agenda for November.

***Motion on November IMMW agenda***

***Move to approve the agenda in doc.*** [***11-24/1905r1***](https://mentor.ieee.org/802.11/dcn/24/11-24-0996-02-immw-immw-sg-july-2024-meeting-agenda.pptx)

*Discussion: None*

***Result: Agenda approved with unanimous consent.***

1. Comment resolution for PAR and CSD

Chair: Main task for the meeting today is responding to the comments received from other 802 WGs related to the PAR and CSD as contained in docs. 11-24/1842r0 and 15-24/0636r0. Chair went through the comments in those documents.

**From NesCom Chair**

**PAR**

**5.2.b,** suggest changing "an 802.11 device" to "an IEEE 802.11 device", in order to be consistent with other occurrences of this term in PAR.

**Response:**

Thank you. Made the change following the suggestion from the commenter.

**5.2.b.** please spell out "OFDM" and "PPDU".

**Response:**

Thank you. Made the change following the suggestion from the commenter.

**From IEEE 802.1**

**PAR**

Please consider spelling out OFDM and PPDU based on NesCom conventions.

**Response:**

Thank you. Made the change following the suggestion from the commenter.

Please consider removing "as" from the last sentence in 5.5 (Need for Project).

**Response:**

Thank you. Made the change following the suggestion from the commenter.

**CSD**

802.1 finds it interesting that up to 7.25GHz is characterized as "sub-7 GHz". Please clarify if this is intended.

**Response:**

Thank you. This comes from the fact that we are using the term 6 GHz band, while this band goes up to 7.25 GHz. So similarly, we call sub-7 GHz all unlicensed band including the 6 GHz band. However, for clarity of the reader, change is made to replace sub-7 GHz by sub-7.25 GHz in both PAR and CSD documents.

Please consider spelling out AIML on first use.

**Response:**

Thank you. Made the change following the suggestion from the commenter.

**From 802.15**

**PAR**

5.2.b Scope of the project

Final sentence states: “This amendment provides coexistence mechanisms with legacy IEEE 802.11 devices operating in the unlicensed bands between 42 GHz and 71 GHz.”

Please change text to also include coexistence mechanisms with other 802 standards’ devices, for example:

This amendment provides coexistence mechanisms with legacy IEEE 802.11 and other IEEE 802 wireless devices (including 802.15.3 devices) operating in the unlicensed bands between 42 GHz and 71 GHz.

Discussion:

C: 802.15.3 is the predecessor of 802.11ad/ay

A: Chair will change the document according to the comment received right before the meeting. This can be reviewed tomorrow morning.

Plan for tomorrow is to review the comments and resolutions again. Motion the new PAR and CSD text and get confirmation from the 802.11 WG in the midweek plenary.

1. Recess at 7:50 p.m.

# 2nd Meeting Slot: Wednesday, November 13, 2024, AM1, (8:00-10:00 a.m. PT)

1. The Chair, Laurent Cariou (Intel), calls the meeting to order (8:00 PT). The Chair notifies the attendees that the agenda is in [IMMW SG November 2024 meeting agenda](https://mentor.ieee.org/802.11/dcn/24/11-24-0996-02-immw-immw-sg-july-2024-meeting-agenda.pptx)
	* Note that this is a hybrid meeting, with some participants in person and some participating online through a Webex session
	* Need to pay the registration fee to attend
	* ≈50 people (in the room), ≈160 (on Webex)
2. IEEE-SA Policies and Procedure

The chair reviews the IEEE-SA Patent Policy:

If anyone in this meeting is personally aware of the holder of any patent claims that are potentially essential to implementation of the proposed standard(s) under consideration by this group and that are not already the subject of an Accepted Letter of Assurance, please respond at this time by providing relevant information to the WG Chair. Speak up now and respond to this Call for Potentially Essential Patents. **Nobody speaks/writes up**.

1. The chair goes through other guidelines for IEEE WG meetings, Patent-related information, Participation in IEEE 802 Meetings, and Copyright. The Chair asks that it be minuted that the **Copyright Policy** was presented.
2. Chair provides an attendance reminder:

Please, **record your attendance** during the session by using the IMAT system:

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* select “C/LM/WG802.11 Attendance” entry
* click “IMMW SG” session that you are attending

If you are unable to record your attendance, please, contact Laurent Cariou (laurent.cariou@intel.com) or Volker Jungnickel (volker.jungnickel@hhi.fraunhofer.de) for assistance.

1. Motions

Chair reviews the proposed agenda for November.

***Motion on November IMMW agenda***

***Move to approve the agenda in doc.*** [***11-24/1905r1***](https://mentor.ieee.org/802.11/dcn/24/11-24-0996-02-immw-immw-sg-july-2024-meeting-agenda.pptx)

*Discussion: None*

***Result: Agenda approved with unanimous consent.***

1. Comments and resolutions related to PAR and CSD

The Chair went through 11-24/1942r1 and explains the changes suggested and resolved during the session yesterday evening. The comment received lately yesterday is from 802.15. There was already a short discussion about this yesterday and an agreement what was to be included in the PAR.

Latest PAR document is 11-24/0016r5. Chair goes through the changes made in the document.

Q: Maybe saying coexistence with 802 is too much general.

A: What is meant here is energy detection to be used for coexistence with other 802 standards.

Latest CSD document is 11-24/0549r6. Chair wents through the document and explains the changes made.

Q: IEEE style manual says no abbreviations in titles. Use the full spelling of integrated millimeter-wave in the title and in the texts of PAR and CSD.

A: Done these changes in the PAR. Replaced mmWave by Millimeter Wave.

After the discussion, Chair uploads 11-24/0016r6 onto Mentor.

**Motion on IMMW PAR and CSD Comments from IEEE 802**

***Move to accept*** [***https://mentor.ieee.org/802.11/dcn/24/11-24-1942-01-immw-immw-par-and-csd-comments.pptx***](https://mentor.ieee.org/802.11/dcn/24/11-24-1942-01-immw-immw-par-and-csd-comments.pptx) ***as the response to comments received on IMMW PAR and CSD documents received from IEEE 802.***

 ***Moved: Micky Meta, Seconded: Yanchun Li***

*Discussion: None.*

***IMMW SG vote: 54Y, 0N, 9A***

***Result: Motion passed.***

**Motion on IMMW PAR**

***Believing that the PAR contained in the document referenced below meets IEEE-SA guidelines,***

***Request that the PAR contained in*** [***11-24/0116r***](https://mentor.ieee.org/802.11/dcn/24/11-24-0116-03-immw-immw-draft-proposed-par.docx)***6 be posted to the IEEE 802 Executive Committee (EC) agenda for WG 802 preview and EC approval to submit to NesCom.***

***Moved: Abhishek Paztil, Seconded: Rubayet Shafin***

*Discussion: None.*

***IMMW SG vote: 44Y, 0N, 6A***

***Result: Motion passed.***

**CSD Motion**

***Believing that the CSD contained in the document referenced below meets IEEE-SA guidelines,***

***Request that the CSD contained in*** [***11-24/0549r6***](https://mentor.ieee.org/802.11/dcn/24/11-24-0549-03-immw-immw-draft-proposed-csd.docx) ***be posted to the IEEE 802 Executive Committee (EC) agenda for WG 802 preview and EC approval to submit to NesCom.***

***Moved: Abhishek Patil, Seconded: Sang Kim***

Discussion: None.

***IMMW SG vote: 47Y, 0N, 5A***

***Result: Motion passed.***

Goals for January 2025: Plan to start TG.

Teleconference: None.

AoB: None.

The meeting adjourns 8:43 PT.