IEEE P802.18  
Radio Regulatory Technical Advisory Group (RR-TAG)

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| Radio Regulatory Technical Advisory Group  mmWave (mmW) Ad-Hoc  28 September 2022 | | | | |
| Date: 10 October 2022 | | | | |
| Author: | | | | |
| Name | Company | Address | Phone | email |
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Abstract

This document constitutes the minutes of the IEEE 802.18 Radio Regulatory Technical Advisory Group mmWave Ad-Hoc for 28 September 2022 at 3:00 PM ET.

Chair: Rich Kennedy (Unlicensed Spectrum Advocates, LLC)

Secretary: Rich Kennedy (Unlicensed Spectrum Advocates, LLC)  
Attendance: Stuart Kerry (OK-Brit, Self)

IEEE SA Program Manager: Jodi Hassz (IEEE SA)

* IEEE 802.18, RR-TAG website: <https://www.ieee802.org/18/>

These are the minutes of the IEEE 802 RR-TAG mmWave Ad-Hoc teleconference on Wednesday, 7 September 2022 at 3:00 PM ET.

1. Chair calls the meeting to order at 15:01 ET.

Agenda slide deck [18-22/118r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0118-00-0mmW-mmwave-ad-hoc-meeting-4-agenda.pptx)

1. Chair presents administrative items
   1. RR-TAG Policies & Procedures [[802 LMSC WG P&P](https://mentor.ieee.org/802-ec/dcn/21/ec-21-0207-23-0PNP-ieee-802-lmsc-working-group-policies-and-procedures.pdf)]
   2. IEEE 802 meeting and participant’s guidelines and requirements [[link](http://www.ieee802.org/devdocs.shtml)]
   3. IEEE policies and procedures [[link](https://standards.ieee.org/about/policies/opman/)]
   4. The IEEE SA Individual method participant behavior slide set was presented
   5. Reminder that IMAT is **not** being used for attendance
   6. Online meeting procedures reminder

Chair asks group if there are any questions with IEEE policies. No response, no comments on WebEx Chat window.

1. Chair presents the agenda (slide #10).
   1. Approve the minutes from last meeting (posted September 1, 2022)
      * [18-22/113r1](https://mentor.ieee.org/802.18/dcn/22/18-22-0113-01-0mmW-mmwave-ad-hoc-minutes-7-september-2022.docx)
   2. Review the results from last meeting
   3. Reviewed the presentation at the UHR SG meeting in Waikoloa
      * [11-22/1398r4](https://mentor.ieee.org/802.11/dcn/22/11-22-1398-04-0uhr-rr-tag-mmwave-spectrum-survey.pptx)
      * 45 GHz band Incumbent Review Part 1
   4. Recommendations
   5. Adjourn
2. Chair asked if there were any changes anyone would like to the agenda. Non heard.
3. Chair asked if there was any objection to approving the agenda by unanimous consent. None heard, the agenda is approved.
4. Chair discussed the minutes from the September 7, 2022 mmWave Ad Hoc meeting
   1. Chair asked if there were any comments on the minutes. None heard.
   2. Chair asked if there was any objection to approving the minutes by unanimous consent. None heard, the minutes are approved.
5. Main discussion
   1. Chair discussed the approval of the introductory presentation for the IEEE 802.11 UHR SG in document 11-22/1398r4 that took place during the Tuesday AM2 RR-TAG meeting in Waikoloa.
   2. Chair discussed the presentation he gave during the Wednesday UHR SG meeting.
      * Only comments were about the ETSI standards that were mentioned in the presentation as examples of some that could be used with relatively simple modifications to support the 45 and 60 GHz bands.
      * Chair addressed these comments by stating these were simply suggestions, and that research will take a comprehensive look at these and others for this purpose.
   3. Chair then displayed slides 13 – 23 that would be used to address each of the incumbents in the 45 GHz band that would have to be studied for protection criteria studies, focusing on challenges and experience with similar services in other bands.
   4. Slide 13, FIXED services was displayed with details of the technology and how the 6 GHz band studies dealt with it.
   5. Chair explained that over time each of these incumbents would be similarly addressed, and eventually all this detail would become part of the report that we would send to the UHR SG and IEEE 802.15
   6. He also suggested the intention is to alternate 45 GHz and 60 GHz every other week as we work though all of the incumbent challenges.

1. Chair asked if the group had any other Recommendations from the group. None were heard.
2. Chair asked if there were any additional volunteers. There were no additional volunteers.
3. Chair asked if there was any other business. No one raised other issues.
4. Adjourn:

* Any objection to Adjourn? None heard.
* Adjourn at 15:59 ET

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| **Voting Attendees:** | | | | | | |  |  | **28-Sep** |
| 1 | | **Auluck** | | | | | Vijay | Self | **x** |
| 2 | | **Eitan** | | | | | Alecsander | Qualcomm Incorporated | **x** |
| 3 | | **Fang** | | | | | Yonggang | MediaTek | **x** |
| 4 | | **Kennedy** | | | | | Richard | Unlicensed Spectrum Advocates, LLC | **x** |
| 5 | | **Kerry** | | | | | Stuart | OK‐Brit, Self | **x** |
| 6 | | **Levy** | | | | | Joseph | InterDigital, Inc. | **x** |
| 7 | | **Rolfe** | | | | | Benjamin | Blind Creek Associates | **x** |
| 8 | | **Yaghoobi** | | | | | Hassan | Intel Corporation | **x** |
|  |  | |  |  | |  |
| **Non-Voting Attendees:** | | | | | | |  | **28-Sep** |
| 1 | **Halasz** | | | | Dave | | Morse Micro | **x** |
| 2 | **Shen** | | | | Andy | | Futurewei, U.S. Subsidiary of Huawei | **x** |