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

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| Radio Regulatory Technical Advisory Group  mmWave (mmW) Ad-Hoc  26 October 2022 | | | | |
| Date: 26 October 2022 | | | | |
| Author: | | | | |
| Name | Company | Address | Phone | email |
| Rich Kennedy | Unlicensed Spectrum Advocates. LLC | Austin, TX |  | rkennedy1000@gmail.com |
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Abstract

This document constitutes the minutes of the IEEE 802.18 Radio Regulatory Technical Advisory Group mmWave Ad-Hoc for 26 October 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, 26 October 2022 at 3:00 PM ET.

1. Chair calls the meeting to order at 15:02 ET.

Agenda slide deck [18-22/137r1](https://mentor.ieee.org/802.18/dcn/22/18-22-0137-00-0mmW-mmwave-ad-hoc-meeting-6-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).

* Approve the minutes from the fifth meeting (posted October 26, 2022)
  + [18-22/138r0](https://mentor.ieee.org/802.18/dcn/22/18-22-0138-00-0mmW-mmwave-ad-hoc-minutes-12-october-202.docx)
* Review the results from the fifth meeting
* Search for Chair replacement
* Recommendations
* Adjourn

1. Chair asked if there were any changes anyone would like to the agenda. Non heard.
2. Chair asked if there was any objection to approving the agenda by unanimous consent. None heard, the agenda is approved.
3. Chair discussed the minutes from the September 28, 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.
4. Chair asked if there was anyone who would be willing to take over the chair position for this group.
   1. There was no response.
5. Main discussion
   1. Reviewed the October 28th meeting
      * 60 GHz band Incumbent Review Part 1
      * Displayed an overview of the 60 GHz incumbents
      * Document
        1. <https://mentor.ieee.org/802.18/dcn/22/18-22-0124-00-0mmW-60ghz-band-for-mmwave-ad-hoc.pptx>
   2. Review of the Part 2 of the 45 GHz incumbent study
      * Ground station (high power) transmitters and satellites to be protected
      * ECC Report 302 studied aggregate interference from WAS/RLAN into FSS receivers in space in the 5925 – 6425 MHz band
      * FSS protection criteria: Taking into account the large coverage area of the Fixed Satellite receive beams in the band 5925 6425 MHz, emissions from a large number (i.e. several hundred millions) of WAS/RLAN Access Points (APs) are to be considered, so that the interference to the FSS space station is characterised by the average aggregate interference from WAS/RLAN APs.
      * Considering coexistence conditions for uncontrolled WAS/RLAN use, taking steps such as limiting the use to indoor only deployment and/or introducing an e.i.r.p. limit, would help further ensuring long term protection of FSS space stations from aggregate interference from WAS/RLAN devices.
      * In the 45 GHz band, this will have to be studied in order to set indoor and outdoor e.i.r.p. limits appropriate for these frequencies.
      * Utilizing the same method as was done for 6 GHz should be the best approach to regulators.
6. Chair reminded the group that 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 15:33EDT

