IEEE P802.11
Wireless LANs

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| Minutes of 802.11be PHY ad hoc Telephone Conferences, May to July 2021 |
| Date: 2021-05-27 |
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Abstract

This document contains the PHY ad hoc meeting minutes for TGbe teleconferences held on:

* May 27, 2021 (R0)

**Thursday May 27th, 2021 10:00 – 12:00 ET**

**Introduction**

1. The Chair (Tianyu Wu, Apple) calls the meeting to order at 10:00 AM ET.
2. The Chair follows the agenda in 11-21/785r9
3. The Chair goes through the IPR policy and asks if anyone is aware of any potentially essential patents. Nobody speaks up.
4. The Chair goes through the Copyright policy.
5. The Chair reminds everyone to report their attendance by using IMAT system and by sending an e-mail to the Co-chair, Sigurd Schelstraete (MaxLinear) or the Chair himself if unable to record attendance via IMAT system.
6. Announcements:
7. Agenda

**Technical Submissions: PDTs**

* + [893r0](https://mentor.ieee.org/802.11/dcn/21/11-21-0893-00-00be-pdt-correction-to-trigger-frame-ru-allocation-table.docx) PDT Correction to Trigger Frame RU Allocation Table Steve Shellhammer

**Technical Submissions:**

* + [368r3](https://mentor.ieee.org/802.11/dcn/21/11-21-0368-03-00be-diversity-enhancement-for-dup-mode.pptx) Diversity Enhancement for DUP mode Ali Tugberk Dogukan

**Submissions**

**893r0 PDT Correction to Trigger Frame RU Allocation Table (Steve Shellhammer)**

MRU996+484+242 should be limited to 160 MHz PPDUs. It’s currently also allowed for 320 MHz, which is not consistent with the agreements on MRU996+484+242.

SP1:

Do you agree to accept the proposed text modifications 11-21/893r1for the next draft 802.11be?

No objection

**368r3 Diversity Enhancement for DUP mode (Ali Tugberk Dogukan)**

New Proposed Method for Enhancing Diversity. Error performance is evaluated through simulations, showing 0.1-0.25 dB gain depending on channel model and bandwidth. PAPR distribution is not affected.

Discussion

Q: How many Tx/Rx antennas are used?

A: 1 Tx, this is SISO.

C: increasing #antennas might show less gain

Q: Would gain be the same with real impairments? May be worth checking.

A: thinks so. We can include it.

SP deferred

**Adjourn**

Meeting is adjourned at 10:30 ET.