IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications  July 13, 2020 Meeting Minutes | | | | |
| Date: 2020-07-13 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
| Tuncer Baykas | IMU, Hyperion Technologies |  |  | [tbaykas@ieee.org](mailto:tbaykas@ieee.org) |
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Abstract

This document contains the Task Group on Light Communications (TGbb) July 13 2020 meeting minutes

**IEEE 802.11 Task Group TGbb**

**July 13, 2020,**

Attendance: 37 people

1. The IEEE 802.11 TGbb meeting was called to order at by the Chair, Nikola Serafimovski (pureLiFi). Tuncer Baykas (IMU) as a temporary Secretary recorded the minutes.

1. The Chair reviewed the IEEE-SA patent policy, logistics, and reminders, including meeting guidelines and attendance recording procedures.
   * It is reminded all to record their attendance through the IMAT system.
   * Group discussed how the July meeting will be conducted.
2. The Chair introduced the overall agenda in doc. 11-20/957r1 for the call.
3. **TGbb Motion** to approve the agenda for the week in document 11-20/957r1

**Approve the proposed agenda in doc. 11-20/957r1 for the call.**

**Motion approved.**

1. Tuncer Baykas start acting as chair. Nikola Serafimovski presented 11-20/1037r0 and 11-20/815r0

Q: Is this a new proposal?

A: No, We provide experimental results.

Q: Could you explain slide 7? What is the line in the midle?

A: It is due to the device handling the DC.

Q: Slight 9, Did you check 13,14, 15 Mhz as center frequency? They could be optimum as well.

A: It is based on knee point criteria. We are trying to be as closeto be DC as possible.

Q: Is 12.5 MHz is the extreme case for the fc?

A: We believe 12.5 is the closes you should get for mandatory PHY. If you got higher it performs better.

Q: For 802.11 channelization what could be better?

A: Going higher for center frequency.

Q: Is 12.5 not optimum for 40 MHz?

A: No

Q: Can it be 25 MHz for 40 MHz?

A: It could be.

C: Changing delta value could be a possibility.

**6** Nikola Serafimovski asked for MAC layer contribiuions.

7 **TGbb Motion** **to approve the minutes between January 2020 interim and July 2020 plenary meeting. Specifically 11-20/662r0, 11-20/753r0 11-20/910r0 11-20/994r0, where 11-20/994r0 shall also include Rob Davies SignifyAthanisios Stravridis (Ericcson), Andreas Bluschke (Signify) as attendees.**

Move Harry Bims

Second Tuncer Baykas

Comments: Someone from Signify is not included in the minutes.

Comments: It is possible to add names in the minutes. Send Robert Stacey an email to be included in Imat system

Motion passes with unanimous consent.

**Motion to adjourn.**

**Motion passed**

Attendance

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| --- | --- |
| Au, Kwok Shum | Huawei Technologies Co., Ltd |
| Aygul, Mehmet | Istanbul Medipol University; Vestel |
| Baykas, Tuncer | Istanbul Medipol University, Hyperion Technologies |
| BECHADERGUE, Bastien | OLEDCOMM |
| Berner, Stephan | PureLiFi |
| Bims, Harry | Bims Laboratories, Inc. |
| Bluschke, Andreas | Signify |
| Boldy, David | Broadcom Inc |
| Chen, Na | MaxLinear Corp |
| Cheng, Xilin | NXP Semiconductors |
| Chung, Bruce | Realtek Semiconductor Corp. |
| Dauphinee, Leonard | MaxLinear Corp |
| Davies, Robert | Signify |
| EMMELMANN, MARC | Fraunhofer FOKUS |
| Haider, Muhammad Kumail | Facebook |
| HAN, CHONG | pureLiFi |
| Jeon, Eunsung | SAMSUNG ELECTRONICS |
| Jungnickel, Volker | Fraunhofer Heinrich Hertz Institute |
| Kim, Youn-Kwan | The Catholic University of Korea |
| Lan, Zhou | Broadcom Corporation |
| Lee, Nancy | Signify |
| Liu, Jeff | Broadcom Corporation |
| Mai, Huiheng | Blu Wireless Technology Ltd |
| Martinez Vazquez, Marcos | MaxLinear Corp |
| MELZER, Ezer | Toga.Networks, a Huawei company |
| Murphy, Rick | vLogic, Inc. |
| Purwita, Ardimas | University of Edinburgh |
| Ryan, Mike | Ford Motor Company |
| Serafimovski, Nikola | pureLiFi |
| Stacey, Robert | Intel Corporation |
| Stavridis, Athanasios | Ericsson AB |
| Uln, Kiran | Cypress Semiconductor Corporation |
| van Wageningen, Andries | Signify |
| Verma, Sindhu | Broadcom |
| Wendt, Matthias | Signify |
| Yang, Jay | Nokia |
| Yee, Peter | NSA-CSD |

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