IEEE P802.11  
Wireless LANs

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| IEEE 802.11 TGbb Task Group on Light Communications  November 1st Teleconference Meeting Minutes | | | | |
| Date: 2021-11-1 | | | | |
| Author: | | | | |
| Name | Affiliation | Address | Phone | Email |
| Tuncer Baykas | Hyperion Technologies, Kadir Has University |  |  | [tbaykas@ieee.org](mailto:tbaykas@ieee.org) |
| Nikola Serafimovski | pureLiFi |  |  | [nikola.serafimovski@purelifi.com](mailto:nikola.serafimovski@purelifi.com) |
| Nancy Lee | Signify |  |  |  |

Abstract

This document contains the Task Group on Light Communications (TGbb) teleconference meeting minutes

**IEEE 802.11 Task Group TGbb**

**November 1st, 2021, 11:00AM (ET)**

1. The IEEE 802.11 TGbb meeting was called to order at by the Chair, Nikola Serafimovski (pureLiFi). Tuncer Baykas (Hyperion) 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.
   * No essential patents are claimed.
   * It is reminded all to record their attendance through the IMAT system.
2. The Chair introduced the overall agenda in doc. 11-21/1755r0 for the meeting.
   * Comments on D.06will be discussed.
   * 11-21/1688r6 will be presented
   * 11-21/1640r4 will be presented
   * Preliminary Draft 0.7 review
   * Motion to approve resolutions for Draft 0.7
   * Nov plenary schedule
   * Agenda shown in 11-21/1755r1 is approved.
3. Chong Han presented 11-21/1688r6
   * C: Why would this be implemented? We have no idea from the optical frontend side is working. We need to add another system to identify the channel with this model.
   * C: We are suggesting a fixed mapping.
   * C: Another way of doing it pushing the AP to a specific channel.
   * C: Doing this blindly may not work
   * C: By doing the channel allocation, we are giving information how to be interoperable. They can choose any approach they want.
   * C: A strawpoll may show the support in the group of the presentation.
4. Strawpoll:
   * Do you agree with the proposed mapping schemes in doc. 11-21/1688r6 which imply additional intelligence in the OFE to detect the used radio frequency?

Q: Could you explain more why intelligence required?

A: In Figure 1, there is a down conversion and it chould be set to be used for the right conversion for OFE.

C: Implementer can create a scheme.

Strawpoll question changed:

* + Do you agree that the proposed mapping schemes in doc. 11-21/1688r6 that may require additional intelligence in the OFE to detect the used radio frequency?
  + After discussion
  + Do you agree that the proposed mapping schemes in doc. 11-21/1688r6?
  + Do you believe that additional intellgence in the OFE should be used to detect the used radio frequency for LC up/downconversion with RF?

1. Strawpoll order changed
   * Do you believe that additional intellgence in the OFE should be used to detect the used radio frequency for LC up/downconversion with RF?

Yes: 1 No:4 Abstain: 1 (2 didn’t vote)

* + Do you agree that the proposed mapping schemes in doc. 11-21/1688r6?

Yes:4 No:0 Abstain:2 (2 didn’t vote)

1. C: We would like to change Figure 17-12. Where can we find the original.
   * C: Lead editor of 802.11 should have the figüre
2. Group reviewed doc. 11-21/1640r4 and 11-21/1688r6

* C: Changes should be apparent
* C: Subclause numbers are the new numbers
* C: The sections should be clarified

1. 11-21/1688r7 is uploaded
2. 11-21/1662r4 is updated to indicate the correction in comment 11 resolution.
3. Group reviewed preliminary D0.7
4. Motion:
   * Having approved comment resolutions for all of the comments received from TGbb comment collection on TGbb Draft 0.6 as contained in the documents
   * 11-21/1662r4, 11-21/1640r4
   * 11-21/1688r7
   * 11-21/1708r1
   * Instruct the editor to prepare Draft 0.7 incorporating these resolutions and upload the draft on the IEEE 802.11 Members Area.
   * Moved: Tuncer Baykas
   * Seconded: Matthias Wendt
   * Result (Y/N/A) unanimous
5. Discussion on the meeting,
   * Do we have 5 or 6 time slots?
   * One of the meeting shall be moved.
   * Chair will inform the required schedule.
   * Wed 10 Nov AM1 session from doc. 11-21/1603r0 will be removed
   * A session will be added to 15 Nov at AM1

Attendace

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| Name | Affiliation |
| Bahn, Christy | IEEE STAFF |
| Baykas, Tuncer | Kadir Has University,  Hyperion Technologies |
| Bluschke, Andreas | Signify |
| HAN, CHONG | pureLiFi |
| Jungnickel, Volker | Fraunhofer Heinrich Hertz Institute |
| Lee, Nancy | Signify |
| Rosdahl, Jon | Qualcomm Technologies, Inc. |
| Wendt, Matthias | signify |

Group adjourned