IEEE P802.11
Wireless LANs

|  |
| --- |
| 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  |
| Nikola Serafimovski | pureLiFi |  |  | 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

|  |  |
| --- | --- |
| 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