IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| TGbb:  Motions amending the TGbb draft | | | | |
| Date: 2021-03-24 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Volker Jungnickel | Fraunhofer HHI |  |  | volker.jungnickel@hhi.fraunhofer.de |

Abstract

This document accumulates all Motions passed in 802.11bb task group to amend the TGbb draft.

**Sept. 2019 Meeting**

1. **TGbb Motion** to adopt the 800nm – 1000nm wavelength spectrum as the mandatory, common mode wavelength for all TGbb STAs.

**Moved: Nikola Serafimovski**

**Seconded: Lennert Bober**

**Result (Y / N / A): 23 / 0 / 3**

**Motion passed.**

1. **TGbb Motion** to adopt the SISO, 20 MHz bandwidth 11ax PHY as a mandatory, common mode for all TGbb STAs and, in addition, as optional use other 11ax features or an LC-optimized PHY based on the ITU-T Rec. G.9991 for all TGbb STAs.

**Moved: Nikola Serafimovski**

**Seconded: Suhwook Kim**

**Result (Y / N / A): 17 / 0 / 8**

**Motion passed.**

1. Sept 18, 2019, AM1

**TGbb Motion** to add fast session transfer:

**Instruct the editor to add the following sentence to the IEEE 802.11bb draft:**

“4.Y.Z Light Communication (LC) STA

The main MAC features in a 802.11bb STA are the following:

* + - * Optional support for fast session transfer (FST) in the multi-band capable devices supporting light and other sub-300 GHz RF bands“

**Move: Andrew Myles**

**Second: Max Riegel**

**Y / N / A : 14 / 0 / 6**

**Motion passed.**

**November 13, 2019, PM1**

1. **TGbb Motion** to approve PHY text for the Draft 0.1.

**Instruct the editor to add the content in doc. 11-19/1791r2 to the IEEE 802.11bb draft, granting the technical editor freedom to make editorial changes.**

**Move: Matthias Wendt**

**Second: Volker Jungnickel**

**Y/N/A: 7 / 0 / 0**

**Motion passed.**

1. **TGbb Motion** to approve PHY text for the Draft 0.1.

**Instruct the editor to add the following text to the IEEE 802.11bb draft:**

**“***32.3.2 Light Communication (LC) common mode*

*All LC STAs shall support the mandatory features defined in Clause 17, except:*

*17.3.8.3 – Regulatory requirements*

*17.3.8.4 – Operating channel frequencies*

*17.3.9.3 – Transmit spectrum mask*

*17.3.9.7.2 – Transmitter center frequency leakage*

*17.3.10.3 – Adjacent channel rejection*

*17.3.10.4 – Nonadjacent channel rejection*

**“**

**Move: Nikola Serafimovski**

**Second: Peter Yee**

**Y/N/A: 2 /0 / 5**

**Motion passed.**

1. **TGbb Motion** to approve PHY text for the Draft 0.1.

**Instruct the editor to add the following text to the IEEE 802.11bb draft:**

**“***32.3.3 Light Communication (LC) High Efficiency mode*

*An LC STA that supports the HE-based PHY may support the features defined in Clause 27.***”**

**Move: Nikola Serafimovski (pureLiFi)**

**Second: Matthias Wendt (Signify)**

**Y/N/A: 6 / 0 / 0**

**Motion passed.**

**June 5, 2020, TGbb Telco**

1. **TGbb Motion** to approve PHY text for the Draft 0.2.

**Instruct the editor to add the content of doc. 11-20-0571r3 to the IEEE 802.11bb draft, granting the technical editor freedom to make editorial changes.**

Move: Nikola Serafimovski (pureLiFi)

Second: Jon Rosdahl (Qualcomm)

Y/N/A: 4 / 0 / 4

Motion passed.

**Sept. 16, 2020, Virtual Interim**

1. **TGbb Motion** on cenetre frequencies**:**

**Instruct the Technical editor to replace existing content of clause “Operating Channel Properties” in Draft D0.1 with the following text:**

**“The LC common mode shall operate at a centre frequency of 26 MHz. The common bandwidth shall be 20 MHz. This centre frequency shall correspond to LC channel 0.**

Moved Matthias Wendt

Seconded Tuncer Baykas

Motion is approved with unanimous consent

1. **TGbb Motion** on channel numbering:

**Instruct the technical editor to replace the existing content clause “Channel numbering” in Draft 0.1 with the content slide 17 from the document 802.11-20/1360r3**

**Moved Matthias Wendt**

**Seconded Harry Bims**

C: Is 320 MHz necessary?

C: Channel numbering should be consistent among different PHYs.

C: This channel numbering is only HE-PHY.

C: Update Slide 17.

**C: 320 MHz column is deleted.**

**Motion is approved with unanimous consent**

1. **TGbb Motion** to release D0.2

**Instruct the Technical Editor to complete D0.2 per the motions in doc. 11-20/1360r3 and release D0.2 for Working Group comment collection.**

Moved: Volker Jungnickel

Seconded: Matthias Wendt

Motion is approved with unanimous consent

**Nov. 5, 2020, Virtual Plenary session**

1. **TGbb Motion** to update the draft

**Approve the technical comment resolutions in doc. 11-20/1678r3 and grant the technical editor the right to implement the changes in draft d0.3 as provided 11-20/1678r3, and grant the Technical Editor an editorial licence for the remaining editorial comments with the exception CID 4, CID 19, CID 33, CID 39, CID 40**.

Moved by: Volker Jungnickel

Seconded by Matthias Wendt

Y: 10 N: 0 A: 2 Motion passed.

**January 13, Virtual Interim Meeting**

1. **TGbb Motion** to update the draft:

**Approve the technical comment resolutions in doc. 11-20/1678r6 and grant the Technical Editor the right to implement the changes in draft D0.4 as provided in doc. 11-20/1678r6 and grant the Technical Editor an editorial license for the remaining editorial comments with the exception of CID31, CID32, CID38, CID43.**

Moved by Volker Jungnickel

Seconded by Tuncer Baykas

Motion passed unanimously.

**March 11 at virtual plenary meeting**

1. **TGbb Motion** to include text:

**Instruct the Technical Editor to include the proposed draft text on page 3 of doc. 11-21/0380r0 LC terminology definitions and incorporate the changes into Draft 0.4.**

Move: Kai Lennert Bober

Second: Matthias Wendt

Y / N / A unanimous

1. **TGbb Motion** to replace text:

**Instruct the Technical Editor to replace the text on page 13 lines 10-18 of clause 4 (General description) in Draft 0.3 with:**

**4.3 Components of the IEEE Std 802.11 architecture**

***Editors note: Insert a new subclause after subclause 4.3.29 (Ethertype protocol discrimination (EPD)) as follows:”* followed by the text in doc.11-21/0277r4 and incorporate the changes into Draft 0.4.**

Move: Harry Bims

Second: Nancy Lee

Y / N / A unanimous

1. **TGbb Motion** to replace text:

**Instruct the Technical Editor to replace page 14 lines 2-7 in Clause 31 (LC MAC specification) of Draft 0.3 with the text in doc. 11-21/0279r4 page 2 and incorporate the changes into Draft 0.4.**

Move: Harry Bims

Second: Nancy Lee

**Y / N / A unanimous**

1. **TGbb Motion** to incorporate changes in the draft:

**Instruct the Technical Editor to follow the instructions and content provided in doc. 11-21/0378r1 and incorporate the changes into Draft 0.4.**

Move: Matthias Wendt

Second: Nancy Lee

Y / N / A unanimous

1. **TGbb Motion** to include further comment resolutions:

**Instruct the Technical Editor to apply the comment resolutions in doc. 11-21/0389r2 and incorporate the changes into Draft 0.4.**

Move: Harry Bims

Second: Volker Jungnickel

Y / N / A unanimous

1. **TGbb Motion** to include further comment resolutions:

**Instruct the Technical Editor to apply comment resolutions in doc. 11-21/0432r1 Comments on light interface and channel number and incorporate the changes into Draft 0.4.**

Move: Matthias Wendt

Second: Volker Jungnickel

Y / N / A unanimous