IEEE P802.11 Wireless LANs

|  |
| --- |
| Proposed text for TGbb MAC supporting the LC HE PHY  |
| Date: 2021-03-23 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Chong Han  | pureLiFi |  |  | chong.han@purelifi.com  |
| Nikola Serafimovski  |  |  | nikola.serafimovski@purelifi.com |
| Stephan Berner |  |  | stephan.berner@purelifi.com |
| Mostafa Afgani |  |  | Mostafa.afgani@purelifi.com |
| Tamas Weszely |  |  | Tamas.weszely@purelifi.com |

Abstract

This document provides text to be incorporated in the TGbb draft for the MAC supporting the LC HE PHY mode.

***Discussion: Highlighted text preceded by “Discussion” are not to be copied into the TGbb Draft. Such text provides rationale for the proposed changes.***

History

R2: follow the IEEE 802.11 style making changes on existing text. Texts that require changes are mentioned and listed in the standard. The changes are marked with underline.

R3: add the explanatory texts

R4: update the text by removing the last sentence

## 31.2 LC MAC specification

***Discussion: insert the following text after the first paragraph of 31.2. The parapgragh is to provide the high-level specification for the MAC supporting LC HE PHY. Changes on 26.5 is provided in the doc. 11-21/0545r2.***

The LC MAC that supports the LC HE PHY may consist of a subset of functionalities in the 26 (High Efficiency (HE) MAC specification). The subclause shall be the same as 26 (High Efficiency (HE) MAC specification).

Reference:

IEEE P802.11ax/D8.0

IEEE P802.11bb/D0.4