IEEE P802.11
Wireless LANs

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| Proposed resolutions for TBDs in Annex B |
| Date: 2021-04-28 |
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Abstract

This document proposes a resolution for the remaining TBD’s in Annex B of 802.11be Draft 0.4.

# Introduction

This document proposes resolutions for the remaining TBD’s in Annex B.

Proposed text changes are shown below.

# Proposed text changes

*

(normative)

**Protocol Implementation Conformance Statement (PICS) proforma**

* PICS proforma—IEEE Std 802.11-<year>
* IUT configuration
* Extremely High Throughput (EHT) features
* EHT MAC features

***Editor’s Note: It is a placeholder subclause.***

* EHT PHY features

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Protocol capability | References | Status | Support |
| **EHTP1** | **PHY operating modes** |  |  |  |
| (…) |
| **EHTP2** | **EHT PPDU formats** |  |  |  |
| (…) |
| EHTP2.7 | MU-MIMO transmission on an RU/MRU in an EHT MU PPDU where there are multiple RU/MRUs in the PPDU bandwidth (DL MU-MIMO within OFDMA) | ~~TBD~~36.3.3.1 | CFEHT and CFAP: O | Yes o No o N/A o |
| EHTP2.8 | MU-MIMO reception on an RU/MRU in an EHT MU PPDU where there are multiple RU/MRUs in the PPDU bandwidth (DL MU-MIMO within OFDMA) | 36.3.3.1.1 | CFEHT AND CFSTAofAP: O | Yes o No o N/A o |
| EHTP2.9 | Transmission of an EHT TB PPDU where the RU/MRU allocated to the non-AP STA is not utilizing MU-MIMO (UL OFDMA) | ~~TBD~~ 36.1.1 | CFEHT AND CFSTAofAP: M | Yes o No o N/A o |
| EHTP2.10 | Reception of an EHT TB PPDU where none of the RUs or MRUs utilize MU-MIMO (UL OFDMA) | ~~TBD~~ 36.1.1 | CFEHT and CFAP: M | Yes o No o N/A o |
| (…) |
| EHTP2.13 | Transmission of an EHT TB PPDU where the RU/MRU allocated to the non-AP STA is utilizing MU-MIMO (UL MU-MIMO within OFDMA) | ~~TBD~~ 36.3.3.2 | CFEHT and CFSTAofAP: O | Yes o No o N/A o |
| EHTP2.14 | Reception of an EHT TB PPDU where RU/MRU allocated to a non-AP STA are utilizing MU-MIMO (UL MU-MIMO within OFDMA) | ~~TBD~~ 36.3.3.2 | CFEHT and CFAP AND EHTP7.22: O | Yes o No o N/A o |
| (…) |
| **EHTP4** | **EHT LTF formats** |  |  |  |
| (…) |
| EHTP4.19 | Support of extra EHT-LTF for non-OFDMA transmissions | ~~TBD~~ 9.4.2.295c.3 | CFEHT: O | Yes o No o N/A o |
| (…) |
| **EHTP9** | **Sounding** |  |  |  |
| EHTP9.1 | Punctured sounding operation | ~~TBD~~ 35.5.1 | CFEHT: O | Yes o No o N/A o |
| EHTP9.2 | Responding with requested beamforming feedback in an EHT sounding procedure with the maximum number of space-time streams in the EHT sounding NDP that the non-AP EHT STA can respond to equal to at least 4 | ~~TBD~~ 35.5.3 | CFEHT AND CFSTAofAP: M | Yes o No o N/A o |
| (…) |
| **EHTP11** | **Spatial reuse** |  |  |  |
| EHTP11.1 | PSR-based SR support | ~~TBD~~ 35.9 | CFEHT AND CFSTAofAP: O | Yes o No o N/A o |
| **EHTP12** | **Power boost factor** | ~~TBD~~ 36.3.11.4 | CFEHT: O | Yes o No o N/A o |