IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | PHY Miscellaneous CIDs | | | | | | Date: 2024-03-14 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Youhan Kim | Qualcomm Technologies, Inc. |  |  | [youhank@qti.qualcomm.com](mailto:youhank@qti.qualcomm.com) | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolutions for the following comments from SB1 on P802.11be D5.0:

22104, 22217, 22218

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version.

R1: Fixed editorial issue.

R2: Editorial update during presentation at 3/14 AM1.

# CID 22104

|  |  |  |
| --- | --- | --- |
| **CID**  **Clause**  **Page.Line** | **Comment** | **Proposed Change** |
| 22104  9.4.2.313.3  273.06 | On behalf of Laurent Cariou. Support for 320MHz in 6 GHz field: it should be set to reserved when the STA is operating at 2.4 or 5 GHz. Maybe I missed it, but I could not find that in the spec. Please add this clarification. | as in comment |

**Proposed Resolution: CIDs 22104**

REVISED

**Note to commenter:**

The proposed text change below clarifies that the Support For 320 MHz In 6 GHz subfield is reserved when the EHT Capabilities element is for capabilities outside the 6 GHz band.

**Instruction to TGbe Editor:**

Implement the proposed text updates for CID 22104 in <https://mentor.ieee.org/802.11/dcn/22/11-24-0330-02-00be-sb1-phy-miscellaneous-cids.docx>

**Proposed Text Updates: CIDs 22104**

*Instruction to TGbe Editor: Add the following at 11be D5.01 P272L6:*

**9.4.2.313.3 EHT PHY Capabilities Information field**

…

|  |  |  |
| --- | --- | --- |
| **Subfield** | **Definition** | **Encoding** |
| Support For 320 MHz In 6 GHz | Indicates support for non-OFDMA 320 MHz PPDUs when operating in the 6 GHz frequency band. | If the EHT Capabilities element is indicating capabilities for the 6 GHz band:  Set to 0 if not supported.  Set to 1 if supported.  Reserved if the EHT Capabilities element is indicating capabilities for the 2.4 or 5 GHz bands. |

# CID 22217

|  |  |  |
| --- | --- | --- |
| **CID**  **Clause**  **Page.Line** | **Comment** | **Proposed Change** |
| 22217  3.2  60.15 | The definition of EHT TB PPDU refers to itself, which is not very useful. | Delete the text "A PPDU transmitted with EHT TB PPDU format". |

**Proposed Resolution: CIDs 22217**

REVISED

**Note to commenter:**

Simply deleting the suggested text leaves only “This PPDU carries a single PSDU” which is insufficient for the definition of EHT TB PPDU. The proposed text update below modifies the EHT TB PPDU definition instead.

**Instruction to TGbe Editor:**

Implement the proposed text updates for CID 22217 in <https://mentor.ieee.org/802.11/dcn/22/11-24-0330-02-00be-sb1-phy-miscellaneous-cids.docx>

**Proposed Text Updates: CIDs 22217**

*Instruction to TGbe Editor: Add the following at 11be D5.01 P60L19:*

…

**extremely high throughput (EHT) trigger based (TB) physical layer (PHY) protocol data unit (PPDU):** [EHT TB PPDU] An EHT PPDU format that is used for a transmission that is a response to a triggering frame. This PPDU carries a single physical layer service data unit (PSDU).

# CID 22218

|  |  |  |
| --- | --- | --- |
| **CID**  **Clause**  **Page.Line** | **Comment** | **Proposed Change** |
| 22218  3.2  60.1 | The definition of EHT MU PPDU refers to itself, which is not very useful. | Delete this definition as it provides no benefit. |

**Proposed Resolution: CIDs 22218**

REVISED

**Note to commenter:**

EHT MU PPDU is a term used 415 times in TGbe D5.0, hence deserves to have a definition. The proposed text update below modifies the EHT MU PPDU definition instead.

**Instruction to TGbe Editor:**

Implement the proposed text updates for CID 22218 in <https://mentor.ieee.org/802.11/dcn/22/11-24-0330-02-00be-sb1-phy-miscellaneous-cids.docx>

**Proposed Text Updates: CIDs 22218**

*Instruction to TGbe Editor: Add the following at 11be D5.01 P60L5:*

…

**extremely high throughput (EHT) multi-user (MU) physical layer protocol data unit (PPDU):** [EHT MU PPDU] An EHT PPDU format that is used for a transmisions that is not a response to a triggering frame. This PPDU carries one or more physical layer service data units (PSDUs).

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