IEEE P802.11Wireless LANs

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| Proposed Resolutions for CID 7217 of 11az SAB1 | | | | |
| Date: 2022-05-10 | | | | |
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Abstract

This submission proposes the resolutions to 11az SA1 CID 7217.

The page and line numbers refer to those in 11az Draft 4.1 [1].

**Introduction**

This submission proposes the resolutions to 11az SAB1 CID 7217.

The page and line numbers refer to those in 11az Draft 4.1 [1].

**Comments:**

**CID 7217**

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| --- | --- | --- | --- | --- | --- |
| CID | Page/Line | Clause | Comment | Proposed change | Resolution |
| 7217 | 267/03 | B.4.37.2 | Annex B needs to be updated. The term NGP is no longer used. Additionally, section B.4.37.2 is missing Tx Window from PHY PICS section | Remove NGP and update with row for Tx Window. Also note p.268 | Revised.  Agree with commenter to update the Annex B.  TGaz editor: please incorporate the text changes in this document (22/0739r1) with tag #7217. |

**Proposed resolution**

***TGaz Editors: Please modify the text on page 264/line 1 of D4.1 as shown below: (#7217)***

**B.4.37 Enhanced Positioning (Ranging) features**

**B.4.37.1 EP MAC Features (#3281, #3387)**

***TGaz Editors: Please change all NGP to EP in B.4.37.1 of D4.1 (#7217)***

***TGaz Editors: Please change all NGPM to EPM in B.4.37.1 of D4.1 (#7217)***

**B.4.37.2 EP PHY Features (#3281, #3387)**

***TGaz Editors: Please change all NGP to EP in B.4.37.2 of D4.1 (#7217)***

***TGaz Editors: Please change all NGPP to EPP in B.4.37.2 of D4.1 (#7217)***

***TGaz Editors: Please change all HEz to HE “in B.4.37.2 of D4.1 (#7217)***

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| --- | --- | --- | --- | --- |
| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
|  | Are the following PHY protocol features supported? |  |  |  |
| EPP1 | EP TB and non-TB measurement exchange waveforms | [27.3](#_bookmark332) (HE PHY) |  |  |
| EPP1.1 | HE ranging NDP | [27.3.18a](#_bookmark336) (HE  Ranging NDP) | (CFTB OR CFNTB OR CFPTB):M | Yes  No  N/A  |
| EPP1.2 | HE ranging NDP with secure HE- LTFs | [27.3.18a](#_bookmark336) (HE  Ranging NDP) | (CFTB OR CFNTB):M CFPASN:M CFPSEC:M | Yes  No  N/A  |
| EPP1.3 | HE TB ranging NDP | [27.3.18b](#_bookmark341) (HE  TB Ranging NDP) | CFTB:M | Yes  No  N/A  |
| EPP1.4 | HE TB ranging NDP with secure HE-LTFs | [27.3.18b](#_bookmark341) (HE  TB Ranging NDP) | CFPASN:M CFPSEC:M CFTB:M | Yes  No  N/A  |
| EPP2 | MIMO operation |  |  |  |
| EPP2.1 | Multi transmit streams | [11.21.6.4.3](#_bookmark225)  (TB ranging measurement | (CFTB or CFNTB):M | Yes  No  N/A  |

**References**

[1] IEEE P802.11az™/D4.1, Draft Standard for information technology – Telecommunications and information exchange between systems Local and metropolitan area networks – Specific requirements, Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, Amendment 4: Enhancements for positioning