IEEE P802.11
Wireless LANs

|  |
| --- |
| LB271 CRs for 36.3.2 |
| Date: 2023-03-09 |
| Author: |
| Name | Affiliation | Address | Phone | Email |
| Yan Xin | Huawei Technologies | Ottawa, ON, Canada |  | yan.xin@huawei.com |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

This submission includes the resolutions for three CIDs:

18327, 17928, 16634

on subclauses 36.3.2.1, 36.3.2.7 and 36.3.2.8 of P802.11be D3.0, respectively.

The baseline document is P802.11be D3.0.

##### Revision history:

##### R0 – initial version

R1 – Revise the proposed resolution for CID17928

R2 – Revise some text by removing ‘non-AP’

**CID: 18327**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Proposed resolution |
| 18327 | 36.3.2.1 | 692 | 59 | Using of term 'DC tone' might be misleaduing as standard defines several tones as DC tones | Add 'middle' to the 'DC tone' | REJECTEDDiscussion summary is as in 23/0333r2. |

*Discussion:*

In Table 27-7, Table 27-8 and Table 27-9 of 802.11ax-2021, the DC tone is defined as “The subcarrier index of 0 corresponds to the DC tone”. This definition is used in EHT as well. There is only one DC tone for an OFDM symbol. The Null carriers around the DC tone are denoted as DC subcarriers, “which include the DC tone and the subcarrier indices adjacent to the subcarrier index 0” (36.3.2.1 of 802.11be D3.0).

**CID: 17928**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Proposed resolution |
| 17928 | 36.3.2.7 | 723 | 59 | The description "the Supported For 320 MHz In 6 GHz subfield in the EHT Capabilities element" is not correct because the Supported For 320 MHz In 6 GHz subfield is not in the EHT Capabilities element, but in the EHT PHY Capabilities Information field. In addition, the EHT PHY Capabilities Information field is in the EHT Capabilities element. | Changing the mentioned sentence "the Supported For 320 MHz In 6 GHz subfield in the EHT Capabilities element" to "the Support For 320 MHz In 6 GHz subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element" | REVISEDNote 1: “the Supported Channel Width Set subfield in the HE Capabilities element” should also revised to “the Supported Channel Width Set subfield in the HE PHY Capabilities Information field in the HE Capabilities element”Note 2: the similar text in P724L37 in 36.3.2.8 should also be revised accordingly. TGbe editor: Please revise the text in P723L59 in 36.3.2.7 and in P724L37 in 36.3.2.8 in 802.11be D3.0 as proposed resolution below for CID 16634 in 11-23/0333r2. |

**CID: 16634**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Proposed resolution |
| 16634 | 36.3.2.8 | 724 | 39 | 160 MHz operating STA's operating mode setup refers to 20 MHz operating STA. Is this correct reference? | Please correct. | REVISEDAgree with the commentor in principle.To revise the text by providing direct references and remove the indirect reference.Note: similar modifications are also applied to NOTE 1 in 36.3.2.7.TGbe editor: Please revise the text in P724L36-40 (NOTE 1) and in P723L58-63 (NOTE 1) in 802.11be D3.0 as modified in 11-23/0333r2. |

TGbe editor: Please revise the text in P724L36-40 (NOTE 1) in 802.11be D3.0 as follows:

NOTE 1—The supported channel width of an EHT STA is indicated in the Supported Channel Width Set subfield in the HE PHY Capabilities Information field in the HE Capabilities element (see 9.4.2.248.3 (HE PHY Capabilities Information field)) and the Support For 320 MHz In 6 GHz subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element (see 9.4.2.313.3 (EHT PHY Capabilities Information field)), and the operating channel width identified by the CHANNEL\_WIDTH parameter is contained in the PHYCONFIG\_VECTOR of a 160 MHz operating EHT STA.

TGbe editor: Please revise the text in P723L58-63 (NOTE 1) in 802.11be D3.0 as follows:

NOTE 1—The supported channel width of an EHT STA is indicated in the Supported Channel Width Set subfield in the HE PHY Capabilities Information field in the HE Capabilities element (see 9.4.2.248.3 (HE PHY Capabilities Information field)) and the Supported For 320 MHz In 6 GHz subfield in the EHT PHY Capabilities Information field in the EHT Capabilities element (see 9.4.2.313.3 (EHT PHY Capabilities Information field)), and the operating channel width identified by the CHANNEL\_WIDTH parameter is contained in the PHYCONFIG\_VECTOR of an EHT STA).