IEEE P802.11  
Wireless LANs

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| LB271 CR for subclause 36.3.20 Transmit specification | | | | |
| Date: 2023-04-10 | | | | |
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Abstract

This submission contains proposed comment resolutions to the following CID based on P802.11be D3.0. The changes are based on P802.11 be D3.1

CID 15280, 15716, 17227, 16266, 16955, 17228

Revisions:

- Rev 0: Initial version of the document.

- Rev 1: Add some descriptions on resolution of CID 15716, 17227

Rev 2: Fixed minor error description in CID 15280

# CID 15280

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| **CID** | **Page.**  **Line** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 15280 | 866.60 | 36.3.20.1.1 | The number style of the X axis is vertical in this figure. However, the number style of the X axis in the above figure is horizontal. Suggest being consistent. Some other figures also have the same problem, such as Figure 36-65. | As in the comment | Revised  Agree with the commenter to unified the number style of the X axis to vertical.  **Instructions to the editor:**  **Please make the changes to the spec as shown in 11/23-0613r3 under CID 15280.**  **The Visio file will be provided if motion passed.** |

***TGbe editor:***

***Please replace Figure 36-59, 36-60, 36-61 and 36-62 in P870L5, P871L5, P872L5 and P873L5 in D3.1:***



Figure 36-59—Example transmit spectral mask for a 20 MHz mask PPDU



Figure 36-60—Example transmit spectral mask for a 40 MHz mask PPDU



Figure 36-61—Example transmit spectral mask for an 80 MHz mask PPDU



Figure 36-62—Example transmit spectral mask for a 160 MHz mask PPDU

# CID 15716, 17227

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| 15716 | 874.25 | 36.3.20.1.3 | The mask as shown in Figure 36-72 can only be applied at the lower edge of the punctured subchannel. For the higher edge, the mirror image of Figure 36-72 is needed. | Show both high and low band edge mask | Revised  Agree with the commenter to add a figure of puncturing mask applying higher edge of punctured subchannel.    **Instructions to the editor:**  **Please make the changes to the spec as shown in 11/23-0613r3 under CID 15716.**  **The Visio file will be provided if motion passed.** |
| 17227 | 874.28 | 36.3.20.1.3 | Figure 36-72 needs both "left" and "right" PSD masks (similar to Figure 36-67) | See comment | Revised  Agree with the commenter to add a figure of puncturing mask applying higher edge of punctured subchannel.  **Instructions to the editor:**  **Please make the changes to the spec as shown in 11/23-0613r3 under CID 17227.**  Note to the editor: the resolution of CID 15716 and 17227 are the same. |

***TGbe editor:***

***Please replace Figure 36-72 in P881L24 in D3.1:***



Figure 36-72—Preamble puncturing mask for preamble puncturing in the non-HT duplicate PPDU when the bandwidth of the punctured subchannel is equal to or greater than 40 MHz and the punctured subchannel is not at the edge of the PPDU bandwidth

# CID 16266, 16955, 17228

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| **CID** | **Page.**  **Line** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 16266 | 873.45 | 36.3.20.1.3 | The sentence half of this sentence does not read correctly. | Change "...except the transition frequency width from 0 dBr to -20 dBr is 1 MHz instead of 0.5 MHz."  to  "...except that the transition frequency width from 0 dBr to -20 dBr is set to 1 MHz instead of 0.5 MHz." | Accepted  **Note to the editor: It’s in Page880 Line45 in D3.1.** |
| 16955 | 882.21 | 36.3.20.4.3 | In Table 36-67--Receiver minimum input level sensitivity EHT-MCS 15 is described as BPSK-DCM-DUP but not in Table 36-65--Allowed relative constellation error versus constellation size and coding rate | At 882.21 change "BPSK-DCM" to "BPSK-DCM-DUP" | Revised    Change “BPSK-DCM-DUP” to “BPSK-DCM” in last row of Table 36-67 and 36-68. |
| 17228 | 876.08 | 36.3.20.2 | "Resource unit power boosting and beamforming should not be used when measuring spectral flatness.". Is this a requirement or a recommendation? | Change "should" to "shall" | Accepted  **Note to the editor: It’s in Page883 Line08 in D3.1.** |