IEEE P802.11
Wireless LANs

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

|  |
| --- |
| CC50 CR on DRU in 38.3.2.1 - Group 2 |
| Date: 2025-05-12 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Mahmoud Kamel | InterDigital |  |  | mahmoud.kamel@interdigital.com |
| Ying Wang | InterDigital |  |  |  |
| Rui Yang | InterDigital |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

 |

Abstract

This submission proposes resolutions for 13 CIDs in subclause 38.3.2.1 in P802.11bn D0.2:

CIDs: 298, 3513, 3515, 3517, 446, 571, 2175, 299, 2174, 3274, 452, 447, 572

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

### CIDs: 298, 3513, 3515, 3517, 446, 571, 2175

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 298 | 38.3.2.1 | 102.02 | Typo in caption of Table 38-5 (repeated "continued") | Fix Typo | **Accept** |
| 3513 | 38.3.2.1 | 102.01 | Two times (continued) in caption | in a 40 MHz UHR TB PPDU (continued) | **Accept** |
| 3515 | 38.3.2.1 | 103.01 | Two times (continued) in caption | in a 80 MHz UHR TB PPDU (continued) | **Accept** |
| 3517 | 38.3.2.1 | 104.46 | Repeated 'the' |   | **Accept** |
| 446 | 38.3.2.1 | 104.46 | "the" is repeated | Remove the repeated "the" | **Accept** |
| 571 | 38.3.2.1 | 104.46 | Delete one of two "the". | See the comment. | **Accept** |
| 2175 | 38.3.2.1 | 104.46 | Remove the 2nd (redundant) 'the' | remove redundant 'the'; same on lines 48, 50 and 53 as well | **Accept** |

### CIDs: 299, 2174, 3274

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 299 | 38.3.2.1 | 102.27 | "wider bandwidth PPDU" is ambiguous. I suppose "bandwidth wider than 80 MHz"? | clarify | **Reject**It is not clear what the commenter is referring to in page 102.27.  |
| 2174 | 38.3.2.1 | 103.27 | Not clear (explicitly) what is meant by 'wider'. | Clarify that 'wider' means wider than 80MHz. For example, change to '...of a PPDU with bandwidth wider than 80MHz...' | **Accept** |
| 3274 | 38.3.2.1 | 103.27 | "a wider bandwidth PPDU" is not a clear description. Please specifiy the bandwidth referred here. | See Comment | **Revise**Agree with the comment. A change is made based on CID 2174. |

### CIDs: 452

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 452 | 38.3.2.1 | 102.29 | Data and pilot subcarrier indices for DRUs in DBW = 60 MHz is missing | Add Table for Data and pilot subcarrier indices for DRUs in DBW = 60 MHz | **Accept** |

### CIDs: 447, 572

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 447 | 38.3.2.1 | 105.05 | Table 38-8 (DC and Guard Subcarrier allocation related constants for UHR TB PPDU withDRUs) is missing an entry for DBW = 60 MHz. | Add entry for DBW = 60 MHz in able 38-8 (DC and Guard Subcarrier allocation related constants for UHR TB PPDU withDRUs) | **Accept** |
| 572 | 38.3.2.1 | 104.37 | Add a text which describes DC and guard tones for DBW60. Also, add the DBW60 case into table 38-8. | See the comment. | **Revise**Agree with the commenter. Changes are made to the text to address DBW 60TGbn editor: please incorporate changes shown in 11-25/XXXXr0 below under the tag (#572). |

***TGbn editor: please make the following change in subclause 38.3.2.1, P112L52 in 11bn D0.2***

The 20 MHz UHR TB PPDU with DRUs on DBW 20 MHz has 11 guard subcarriers: the 6 lowest frequency subcarriers [-128: -123] and the 5 highest frequency subcarriers [123: 127]. The 40 MHz UHR TB PPDU with DRUs on DBW 40 MHz has 23 guard subcarriers: the 12 lowest frequency subcarriers [-256: -245] and the 11 highest frequency subcarriers [245:255]. The 80 MHz UHR TB PPDU with DRUs on DBW 80 MHz has 23 guard subcarriers: the 12 lowest frequency subcarriers [-512: -501] and the 11 highest frequency subcarriers [501: 511]. The 80 MHz TB PPDU with DRUs on DBW20, DBW 40 or DBW 60 (#572)has 23 guard subcarriers: the 12 lowest frequency subcarriers [-512: -501] and the 11 highest frequency subcarriers [501: 511]. For the 160 MHz and 320 MHz UHR TB PPDUs with hybrid RRUs and DRUs, the same number of the lowest frequency and highest frequency guard subcarriers as 80 MHz are defined at both edges of the 160 MHz and 320 MHz channels.