IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| CR for 38.3.15.9.6 User Specific Field – Part 2 on P802.11bn D0.2 | | | | |
| Date: 2025.04.28 | | | | |
| Author(s): | | | | |
| Name | Company | Address | Phone | email |
| Oded Redlich | Huawei Technologies |  |  |  |
| Genadiy Tsodik | Huawei Technologies |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission contains proposed comment resolutions to CIDs 331, 333, 371, 3310, 1206, 1093, 1169, 1355, 2071, 2295, 3538, 551, 2182, 3539 (total 14 CIDs) on P802.11bn D0.2.

# Revision Notes

|  |  |
| --- | --- |
| R0 | Initial revision |
| R1 | Added CID 2182 (with a correction to the page number) |
| R2 | Few corrections |
|  |  |
|  |  |
|  |  |

## CID 331

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 176.40 | 38.3.15.9.6 | "The modulation order from the first to the sixth". Improve wording. | Change to e.g. "Values 0 to 6 for modulation order correspond to ...." | Revised  Instructions to the editor:  Update the NOTE text in D0.2 page 186.40 to:  "Modulation orders 1, 2, 3, 4, 5 and 6 correspond to QPSK, 16-QAM, 64-QAM, 256-QAM, 1024-QAM and 4096-QAM respectively." |

## CID 371, 3310

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 371 | 176.34 | 38.3.15.9.6 | In statement "In 38-28 (UEQM pattern subfield encoding)" where " 38-28" should be replaced as "Table 38-28" | As in comment | Revised  Instructions to the editor:  In D0.2, page 186.34 replace the text "In 38.29" with "In Table 38.29" |
| 3310 | 176.34 | 38.3.15.9.6 | Change to "In Table 38-28". | As in comment | Instructions to the editor:  Please make the changes as shown under CID 371**.** |

## CID 1206, 1093, 1169, 1354, 2070, 2295, 3538

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 1206 | 176.55 | 38.3.15.9.6 | Missing values for UEQM Pattern Subfield for N\_SS=3 | Add value "1" for [s, s, s-2] and "2" for [s, s-1, s-2] | ACCEPTED  Instructions to the editor:  Use the proposed change in D0.2 page 186.55-59 in the UEQM Pattern Subfield for the case of NSS subfield=2 |
| 1093 | 176.55 | 38.3.15.9.6 | Table 38-28 UEQM pattern subfield encoding, Number of Spatial streams =3, UEQM pattern subfield only have one value "0". Should have 3 values "0, 1, 2" instead | Split cell to 3 cells with values "0,1,2" | Revised  Instructions to the editor:  Please make the changes as shown under CID 1206**.** |
| 1169 | 176.55 | 38.3.15.9.6 | In table 38-28, when Nss subfield =2, the value of 1 and 2 should be included in the UEQM pattern subfield | As the comment. | Revised  Instructions to the editor:  Please make the changes as shown under CID 1206**.** |
| 1355 | 176.55 | 38.3.15.9.6 | missing UEQM pattern subfeild value for 2nd and 3rd pattern. | adding UEQM pattern subfeild value for 2nd and 3rd pattern | Revised  Instructions to the editor:  Please make the changes as shown under CID 1206**.** |
| 2071 | 176.55 | 38.3.15.9.6 | In Table 38-28, for "NumberofSpatialStreams=3", "UEQM Pattern Subfield" should have three entries. | 0 corresponding to 1st pattern (s s s-1 N/A) 1 corresponding to 2nd pattern (s s s-2 N/A) 2 corresponding to 3rd pattern (s s-1 s-2 N/A) | Revised  Instructions to the editor:  Please make the changes as shown under CID 1206**.** |
| 2295 | 176.55 | 38.3.15.9.6 | Table 38-28 UEQM pattern subfield values are missing for 3 spatial streams. | As in comment | Revised  Instructions to the editor:  Please make the changes as shown under CID 1206**.** |
| 3538 | 176.55 | 38.3.15.9.6 | typo | In Table 38-28, with "NSS Subfield" = 2 and "Number of Spatial Streams" = 3, the "UEQM Pattern Subfield" sould be 0~3 for the 3 respective rows | Revised  Instructions to the editor:  Please make the changes as shown under CID 1206**.** |

## 

## CID 333

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 178.42 | 38.3.15.9.6 | "followed by the ones" | Change to "followed by the user fields" | ACCEPTED  Instructions to the editor:  Apply the proposed change to D0.2 page 188.42 |

## CID 551

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 178.38 | 38.3.15.9.6 | The text below Table 38-29, "The Spatial Configuration field in User field of UHR-SIG field in PPDUs for Co-BF transmission re-uses the same design as in UHR DL MU-MIMO. The encoding table will be the same as that in HE", is inappropriate for normative text. | Proposed changing the text to: "The encoding of the Spatial Configuration subfield in the User field of UHR-SIG field in UHR MU PPDUs for Co-BF Transmission uses Table 27-31 (Spatial Configuration subfield encoding) where the values for more than 4 spatial streams are reserved." | Revised  Instructions to the editor:  change the 2-lines paragraph in D0.2 page 188.38 below Table 38-30 with the following text:  The encoding of the Spatial Configuration subfield in User field of UHR-SIG field in UHR-MU PPDUs for Co-BF transmission uses Table 27-31  (Spatial Configuration subfield encoding) where the values for more than 4 spatial streams are reserved." |

## CID 2182

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 177.36 | 38.3.15.9.6 | Suggest to rephrase the sentence that starts with "and s-delta represents" (singular 'stream', the term 'that' should be replaced, 'order' and 'level' are both used). | replace with "and 's-delta' represents the modulation order(s) used by the remaining spatial stream(s) with delta modulaiton orders lower than s". | Revised  Instructions to the editor:  Replace the paragraph below Table 38-28 in D0.2 page 187, with the following text:  In 38-29 (UEQM pattern subfield encoding), “s” is the constellation index value corresponding to the  modulation order of the UHR-MCS used in the first spatial stream, which is defined in Table 9-417u  (Constellation index), and “s-Δ” represents the modulation order(s) used by any of the remaining spatial stream(s) with Δ modulation orders lower than s. |

## CID 3539

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 177.53 | 38.3.15.9.6 | typo | that are reserved or do not exist in Table 27-31->  that are reserved or do not exist in Table 27-30 | REJECTED  The correct Table number is 27-31 as specified in REVme D7.0  (Table 27-30 is specified in 802.11ax™-2021) |

