IEEE P802.11
Wireless LANs

|  |
| --- |
| Proposed resolution for miscellaneous comments on recirculation SA ballot on D5.0 |
| Date: 2024-03-13 |
| Author: |
| Name | Affiliation | Address | Phone | Email |
| Edward Au | Huawei Technologies | Ottawa, Ontario, Canada |  | edward.ks.au@gmail.com  |

#####

##### This submission present proposed resolutions for the following 8 PHY-related editorial CIDs:

Clause 21: 7214

Clause 23: 7158

Clause 25: 7170, 7171

Clause 27: 7022, 7023

Clause 30: 7174

Annex L: 7218

##### The proposed changes are based on REVme D5.0.

##### Revision history:

##### R0 – Initial version

##### R1 – Updated based on the discussion on Wednesday PM2 in the March 2024 plenary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7214 | 21 |  |  | "0MHz" should be "0 MHz" except in 40MHzOperatingClass, N\_20MHz, RPL\_PSRR,20MHz, <omega>\_20MHz, LTF\_80MHz, dot11\*, ht20MHzProtection, width10MHz(2), width20MHz(3) | Fix in Figure 21-7--Transmitter block diagram for the VHT-SIG-B field of a 20 MHz, 40 MHz, and 80 MHz VHT MU PPDU (2x) Figure 21-8--Transmitter block diagram for the VHT-SIG-B field of a 160 MHz VHT SU PPDU Figure 25-15--Transmitter block diagram for CMMG SC mode SIG field Table 27-59--Minimum required adjacent and nonadjacent channel rejection levels (2x) Figure 30-2--An example of a WUR FDMA PPDU for 40 MHz channel widths (2x) Figure 30-3--An example of a WUR FDMA PPDU for 80 MHz channel widths (4x) Figure 30-16--PHY transmit state machine (6x) |

***Discussion:***

None.

***Proposed resolution for CID 7214:***

Accepted.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7158 | 23 |  |  | Font for N\_LTF in Clause 23 is inconsistent. Sometimes all-italic, sometimes partial, sometimes not at all; sometimes subscript LTF sometimes not; etc. | Make it italic N followed by Roman subscript LTF everywhere |

***Discussion:***

None.

***Proposed resolution for CID 7158:***

Accepted.

Note to the Editors:

* The locations are 3803.29 (Figure 23-1), 3803.50 (Figure 23-2), 3804.7 (Figure 23-3), 3823.35 (Figure 23-5), 3823.49 (Figure 23-5), 3873.18 (Figure 23-17)
* 3813.32 (subclause heading), 3811.23 (subclause heading),
* 3811.27, 3811.35, 3813.36, 3813.43, 3825.50, 3825.53, 3825.57, 3826.32 (three appearances), 3826.51, 3832.14, 3854.37

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7170 | 25.5.2 | 3990 | 51 | "540MHz" should be "540 MHz" | As it says in the comment |

***Discussion:***

Agree that it is 540 MHz:



***Proposed resolution for CID 7170:***

Accepted.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7171 | 25 |  |  | CBW1040 MHz makes no sense. It should be either just CBW1040 or be 1040 MHz. Ditto CBW540 | Delete " MHz" throughout when present after "CBW1040" or "CBW540" |

***Discussion:***

While the comment is valid, please note that the bandwidth of interest is 1080 MHz not 1040 MHz.

***Proposed resolution for CID 7171:***

Revised.

Incorporate the changes as shown in 11-24/0473r1 (https://mentor.ieee.org/802.11/dcn/24/11-24-0473-01-000m-proposed-resolution-for-miscellaneous-comments-on-recirculation-sa-ballot-on-d5-0.docx).

At 3967.52, change “Receiver sensitivity” to “Receiver sensitivity in dBm”.

At 3967.55, change “CBW540 MHz” to “540 MHz”.

At 3967.55, change “CBW1080 MHz” to 1080 MHz”.

At 3968.40, change “CBW540 MHz” to “CBW540”.

At 3968.40, change “CBW1080 MHz” to “CBW1080”.

At 3969.48, change “CBW1080 MHz” to “1080 MHz”.

At 3969.49, change “CBW540 MHz” to “540 MHz”.

At 3969.51, change “CBW1080 MHz” to “CBW1080”.

At 3969.51, change “CBW540 MHz” to “CBW540”.

At 3969.53, change “CBW540 MHz” to “540 MHz”.

At 3969.55, change “CBW540 MHz” to “540 MHz”.

At 3971.31, change “CBW540 MHz” to “CBW540”.

At 3971.41, change “CBW1080 MHz” to “CBW1080”.

At 3974.34, change “CBW540 MHz” to “CBW540”.

At 3974.49, change “CBW540 MHz” to “CBW540”.

At 3975.13, change “CBW540 MHz” to “CBW540”.

At 3975.61, change “CBW540 MHz” to “CBW540”.

At 3976.11, change “CBW540 MHz” to “CBW540”.

At 3976.21, change “CBW1080 MHz” to “CBW1080”.

At 3977.1, change “CBW540 MHz” to “CBW540”.

At 3977.9, change “CBW540 MHz” to “CBW540”.

At 3977.19, change “CBW1080 MHz” to “CBW1080”.

At 3997.51, change “CBW540 MHz” to “CBW540”.

At 3997.51, change “CBW1080 MHz” to “CBW1080”.

At 4014.12, change “CBW540 MHz” to “CBW540”.

At 4014.12, change “CBW1080 MHz” to “CBW1080”.

At 4015.31, change “CBW540 MHz” to “540 MHz”.

At 4015.52, change “CBW1080 MHz” to “1080 MHz”.

At 4030.40, change “CBW540 MHz” to “CBW540”.

At 4030.63, change “CBW1080 MHz” to “CBW1080”.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7022 | 27.3.19.1 | 4387 | 1 | In this paragraph NTx should be N\_TX (TX is subscript of N) | As in comment |
| 7023 | 27.3.19.2 | 4389 | 39 | In this paragraph NTx should be N\_TX (TX is subscript of N) | As in comment |

***Discussion:***

At 4387.1:



At 4389.39:



***Proposed resolution for CID 7022:***

Accepted.

Note to the editors: The locations are 4387.1 and 4387.2.

***Proposed resolution for CID 7023:***

Accepted.

Note to the editors: The locations are 4389.38 and 4389.39.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7174 | 30 |  |  | "WUR OOK On and Off Symbols" should be "WUR OOK On and Off symbols" (5x) | As it says in the comment |

***Discussion:***

None.

***Proposed resolution for CID 7174:***

Revised.

Change “WUR OOK On and Off Symbols” to “WUR OOK On and Off symbols” at 4842.6, 4842.57, and 6194.15.

Change “On Symbol” to “On symbol” at 233.35, 4841.47, 4841.48, 4842.37, 4842.38, 4843.30, 4850.47 (twice), 4850.48, 4851.38, 4851.41, 4852.2, 4852.6, 4852.8, 4861.52, 4861.57, 4851.60, 6194.24, 6194.29, 6194.45, 6194.63, 6195.16, 6195.21, 6195.38, 6195.55.

Change “Off Symbol” to “Off symbol” at 233.36, 4842.1, 4842.2, 4842.6, 4842.54, 4842.57, 4851.44, 4861.48, 4861.52, 4861.57, 4861.61, 4862.1.

Change “ON and OFF Symbols” to “On and Off symbols” at 4864.24 and 4864.57.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 7218 | L |  |  | "Group Addressed Traffic Indicator field" -- no such field | Delete "Group Addressed " (16x) |

***Discussion:***

While the comment is valid that there is no “Group Addressed Traffic Indicator field”, the 16 appearances are “Group Addressed Traffic Indicator”, not “Group Addressed Traffic Indicator field”.

***Proposed resolution for CID 7218 (reassigned to Dave H. “More work required”)***