IEEE P802.11
Wireless LANs

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| CC36 Comment Resolution on 36.3.3 |
| Date: 2022-03-07 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Alice Chen | Qualcomm |  |  | alicel@qti.qualcomm.com |
| Sameer Vermani | Qualcomm |  |  | svverman@qti.qualcomm.com |
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Abstract

This submission proposes resolutions for the following comments from the CC36 on P802.11be D1.0: comments in 36.3.3 (MU-MIMO).

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. Resolve CIDs 7173, 7174, 7175, 7309, 7748, 7969, 7970.

# CID 7173, 7174, 7175, 7309, 7748, 7969, 7970

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 7309 | 36.3.3.1.1 | 371.30 | Is notation "RU/MRU" allowed by style guide or should it be "RU or MRU" | Change to "RU or MRU", which appears to be the wording that is used most often in the document | Rejected.The phrase “RU/MRU” is okay and clear, and it has been widely used in other subclauses. No change is needed. |
| 7969 | 36.3.3.1.2 | 371.37 | The phrase "is the minimum of 4 and maximum number of spatial streams ..." has always been hard to read. | Change P371L37 from"is the minimum of 4 and the maximum number"to"is min(n,4) where n is the maximum number"Change P372L59 from"where N is the smaller of 4 and the maximum number"to"where N is min(x,4) where x is the maximum number" | Revised.Agree to the comment and proposed change. Change the variables “n” and “x” in the proposed change to more specific variable names to avoid abuse of those variables.Note to editor: In P518L25 in 802.11be spec draft D1.4 (original P371L37 in 802.11be spec draft D1.0), change "is the minimum of 4 and the maximum number of spatial streams supported for reception of an EHT MU PPDU that is sent to that STA as an SU transmission"to"is min(N\_{ss,max,rx,SUtx},4) where N\_{ss,max,rx,SUtx} is the maximum number of spatial streams supported for reception of an EHT MU PPDU that is sent to that STA as an SU transmission."In P519L40 in 802.11be spec draft D1.4 (original P372L59 in 802.11be spec draft D1.0), change "where N is the smaller of 4 and the maximum number of spatial streams supported by the non-AP STA for SU transmissions"to"where N is min(N\_{ss,max,SUtx},4), where N\_{ss,max,SUtx} is the maximum number of spatial streams supported by the non-AP STA for SU transmissions." |
| 7970 | 36.3.3.1.2 | 371.42 | Max. Nss could also be modified by OMN and OMI. | State also that OMN and OMI can limit the max. Nss. | Revised.Agree to the comment. Give more details in the proposed change.Note to editor: This is in P518L30 in 802.11be spec draft D1.4. At the end of the paragraph, add the following sentence: “The maximum number of spatial streams supported for reception of an EHT MU PPDU when sent to a STA as part of an SU transmission can also be limited by either an operating mode notification, or the operating mode indication (OMI) procedure.” |
| 7748 | 36.3.3.1.2 | 371.44 | For EHT MU PPDUs using bandwidth, | For EHT MU PPDUs using a bandwidth, | Accepted.Note to editor: This is in P518L32 in 802.11be spec draft D1.4. |
| 7173 | 36.3.3.1.2 | 372.01 | Typo. Change "shall support the EHT ..." to "shall support EHT ..." | See comment | Accepted.Note to editor: This is in P518L47 in 802.11be spec draft D1.4. |
| 7174 | 36.3.3.1.2 | 372.07 | Add "if the STA indicates support for this feature" at end of sentence. | See comment | Accepted.Note to editor: This is in P518L53 in 802.11be spec draft D1.4. |
| 7175 | 36.3.3.2.1 | 372.18 | Change "the key difference from" to "the key difference with" | See comment | Rejected.The grammar of “the key difference from SU-MIMO” is correct. No change is needed.  |