### **IEEE P802.11 Wireless LANs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PDT Correction to Trigger Frame RU Allocation Table | | | | |
| Date: 2021-05-25 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Steve Shellhammer | Qualcomm |  |  | shellhammer@ieee.org |
| Youhan Kim |  |  | youhank@qti.qualcomm.com |
| Bin Tian |  |  | btian@qti.qualcomm.com |
| Yanjun Sun |  |  | yanjuns@qti.qualcomm.com |

**Discussion**

MRU996+484+242 is for non-OFDMA 160 MHz transmissions.

D1.0 P356L20: “The 996+484+242-tone MRU is allowed in a non-OFDMA 160 MHz EHT PPDU.”

And D1.0 36.3.2.2.3.2 (Large size multiple RUs for OFDMA) does not list MRU996+484+242 as an allowed MRU in OFDMA transmissions.

So, there is no need to support this MRU in a 320 MHz PPDU, since that would mean we have an OFDMA transmission.

However, in the Trigger Frame RU Allocation Table, MRU996+484+242 is supported for both 160 MHz and 320 MHz PPDUs. MRU996+484+242 should be limited to 160 MHz PPDUs.

***TGbe editor: Please make the following changes in Table 9-29j1—Encoding of PS160 and RU Allocation subfields in an EHT variant User Info field:***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| PS160 subfield | B0 of the RU Allocation subfield | B7–B1 of the RU Allocation subfield | Bandwidth (MHz) | RU/MRU size | RU/MRU index | PHY RU/MRU index |
|  |  |  |  |  |  |  |
| 0MRU is located in the Primary 160 | 0 | 96–99 | 160 | 996+484+242 | MRU1 to MRU4, respectively | 8´X1 + MRU index |
| 1 | MRU5 to MRU8, respectively |
| 1 | Any | 96-99 | Reserved | Reserved | Reserved | Reserved |