IEEE P802.11
Wireless LANs

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| CID 23095 |
| Date: 2024-06-17 |
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This submission proposes a resolution to SA Ballot comment CID 23095.

# Introduction

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| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Comment | Proposed Change | Resolution |
| 23095 | B.4.40 | 967.09 | Remove the entry EHTP5.2.9. The entry EHTP5.2.9 should not be listed in the table. 996+484+242 tone RU is not allowed in OFDMA. It is only for SU MRU support. | Remove the entry of EHTP5.2.9. | Revised.Accept in principle. Make further editorial changes to correct numbering after removal of entry EHTP5.2.9, as shown in doc.: IEEE 802.11-24/1035r1 |

# Discussion

PICS entries EHTP5.2.7 to EHTP5.2.12 list the MRU sizes for OFDMA. See D6.0, page 966, line 59:



The commenter points out that the 996+484+242 tone RU is not one of the RU sizes allowed for OFDMA.

As stated in clause 36.3.2.2.3.2, this is correct. See D6.0, page 742, line 46:



As such, entry EHTP5.2.9 should be removed to make the Table in B4.40.1 (EHT PHY features) consistent with the main body of the amendment – as proposed by the commenter.

# Proposed Changes

Instructions to the Editor:

* Make the changes shown below in the Table in B4.40.1:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| EHTP5.2.7 | 484+242-tone RU in OFDMA | 36.3.2.2.3 | CFEHT80 AND CFSTAofAP: M CFEHT AND CFAP: O | Yes  No  N/A  |

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| --- | --- | --- | --- | --- |
| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
| EHTP5.2.8 | 996+484-tone RU in OFDMA | 36.3.2.2.3.2 | CFSTAofAP AND EHTP3.4: M CFAP AND EHTP3.4: O | Yes  No  N/A  |
| ~~EHTP5.2.9~~ | ~~996+484+242-tone RU in OFDMA~~ | ~~36.3.2.2.3.~~~~2~~ | ~~CFSTAofAP AND EHTP3.4: M CFAP AND EHTP3.4: O~~ | ~~Yes  No  N/A ~~ |
| EHTP5.2.9~~10~~ | 2996+484-tone RU in OFDMA | 36.3.2.2.3.2 | CFSTAofAP AND EHTP3.5: M CFAP AND EHTP3.5: O | Yes  No  N/A  |
| EHTP5.2.10~~11~~ | 3996-tone RU in OFDMA | 36.3.2.2.3.2 | CFSTAofAP AND EHTP3.5: M CFAP AND EHTP3.5: O | Yes  No  N/A  |
| EHTP5.2.11~~12~~ | 3996+484-tone RU in OFDMA | 36.3.2.2.3.2 | CFSTAofAP AND EHTP3.5: M CFAP AND EHTP3.5: O | Yes  No  N/A  |

In addition, add the following note after the first paragraph of 36.3.2.2.3.2:

“NOTE - 996+484+242-tone MRU is not used in DL and UL OFDMA transmissions.”