**IEEE P802.11  
Wireless LANs**

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Updated resolution for CID 7104** | | | | | | **Date:** 2021-11-04 | | | | | | **Author(s):** | | | | | | **Name** | **Affiliation** | **Address** | **Phone** | **email** | | Kanke Wu | Qualcomm, Inc. | 5775 Morehouse Dr. San Diego, CA 92121 |  | kankew@qti.qualcomm.com | | Bin Tian | |

**Abstract**

This submission proposes a NEW resolution for the following comment from CC36 in P802.11be D1.0:

7104

The resolution in this document is based on P802.11be D1.01 and D1.2 as indicated.

**Revision History:**

R0: Initial version.

In a previous contribution [11-21/1167r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1167-01-00be-cc36-cr-on-eht-phy-introduction-part2.docx), a resolution was proposed for CID 7104, 7963, and passed Motion 238. The proposed change was included in D1.2. However, we found there is an error in the updated text. This document proposes a new resolution to fix such error.

# Original resolution for CIDs 7104, 7963 in [11-21/1167r1](https://mentor.ieee.org/802.11/dcn/21/11-21-1167-01-00be-cc36-cr-on-eht-phy-introduction-part2.docx):

Instructions to the editor for CIDs 7104, 7963:

Please make the following changes to the bullet at P334 L55, EHT STA shall support:

—Transmission and reception of a non-OFDMA EHT MU PPDU with any preamble puncturing pattern listed in Table 36-30 (5-bit punctured channel indication for the non-OFDMA case in an EHT MU PPDU) for the PPDU bandwidth supported by the STA.

Please make the following changes to the bullet at P335L63, EHT AP shall support:

—Transmission of an OFDMA EHT MU PPDU with any preamble puncturing pattern listed in Table 36-30 (5-bit punctured channel indication for the non-OFDMA case in an EHT MU PPDU) for the PPDU bandwidth supported by the AP.

Please make the following changes to the bullet at P336L19, EHT AP may support:

—Transmission of an OFDMA EHT MU PPDU with any preamble puncturing pattern as specified in 36.3.12.11.2 (Preamble puncturing for PPDUs in an OFDMA transmission), excluding those preamble puncturing patterns listed in Table 36-30 (5-bit punctured channel indication for the non-OFDMA case in an EHT MU PPDU) .

Please insert the following bullet at P337L30, non-AP EHT shall support:

—Transmission of an OFDMA EHT MU PPDU with any preamble puncturing pattern as specified in 36.3.12.11.2 (Preamble puncturing for PPDUs in an OFDMA transmission).

# Discussion

In the above resolution, the bullet was added to D1.01 P337L30, under “non-AP EHT STA shall support” section. Based on the following passed motion, a non-AP STA mandatory OFDMA Rx preamble puncturing patterns. However, in the previous CR for CID 7104, 7963, the new bullet stated Tx preamble puncturing requirement instead of Rx requirement.

                Do you support that in 11be:

* For non-AP STA, mandatory to support
  + In OFDMA Rx, any preamble puncturing pattern allowed by Motion 131, #SP195
  + In non-OFDMA Tx and Rx, any preamble puncturing pattern needed to support mandatory MRU for non-OFDMA as specified in D0.1 36.3.2.3.3
* For AP, mandatory to support
  + In OFDMA Tx and non-OFDMA Tx and Rx,  any preamble puncturing pattern that needs to be supported for mandatory MRU in non-OFDMA as specified in D0.1 36.3.2.3.3

# Proposed new resolution for CIDs 7104

Please make the indicated changes to P415L16 in D1.2:

--Reception of an OFDMA EHT MU PPDU with any preamble puncturing pattern as specified in 36.3.12.11.2 (Preamble puncturing for PPDUs in an OFDMA transmission)(#7104)(#7963).

# CID 7104

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| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 7104 | 36.1.1 | 313.62 | unclear language. What does "any preamble puncturing pattern needed to support mandatory MRU for non-OFDMA". Please clarify. | See comment | REVISED.  Clarification text have been added to D1.01 for CID 7943. However, those updated text introduces an error. A non-AP STA shall support the reception of OFDMA puncturing pattern instead of transmition. The new solution fixes this error.  Instruction to the editor:  Please apply the changes indicated in 11/21-1781r0 |