IEEE P802.11
Wireless LANs

|  |
| --- |
| LB291: CR for CIDs on UHR Mode Change element – part 1 |
| Date: October 20, 2025 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Gaurang Naik | Qualcomm Inc. |  |  | gnaik@qti.qualcomm.com |

 Abstract

This submission proposes comment resolutions for the following CIDs received during the Letter Ballot 291 on 11bn Draft 1.0:

* 4095 4096 4097 4098 4099 4100 4101 4102 4103 4104
* 6786 4813 4830 5484 8300 5908 8065 4616 5675 8280
* 8647 8669 9856

**Revisions:**

* Rev 0: Initial version of the document.
* Rev 1: With green tagged CIDs
* Rev 2:
	+ Resolution for CIDs 4616, 5675, 8280, 8647, and 8669 changed from Revised to Accepted.
	+ Changes for CIDs 4813, 5484, 8300, 5908, 8065, 4616, 5675, 8280, 8647, 8669, and 9856 now shown in the document.

**Introduction**

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbn Draft. The abstract, revision information, introduction, explanation of the proposed changes and references sections are not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbn Draft (i.e., they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Section** | **Pg.Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 4095 | Ke Zhong | 9.4.2.aa7.2 | 151.16 | Incorrect font size. The sentence "When the value of the Mode ID field is 1," currently matches the size of the NOTE label. It should match the size of the body text. Additionally, adjust the font size of the paragraphs preceding and following Figure 9-aa58 to match the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 1” to match the font size of the sub-bullets. |
| 4096 | Ke Zhong | 9.4.2.aa7.3 | 151.47 | Incorrect font size. The sentence " When the value of the Mode ID field is 2," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 2” to match the font size of the sub-bullets. |
| 4097 | Ke Zhong | 9.4.2.aa7.4 | 151.58 | Incorrect font size. The sentence " When the value of the Mode ID field is 4," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 4” to match the font size of the sub-bullets. |
| 4098 | Ke Zhong | 9.4.2.aa7.5 | 152.04 | Incorrect font size. The sentence " When the value of the Mode ID field is 5," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 5” to match the font size of the sub-bullets. |
| 4099 | Ke Zhong | 9.4.2.aa7.6 | 152.15 | Incorrect font size. The sentence " When the value of the Mode ID field is 6," currently matches the size of the NOTE label. It should match the size of the body text. Additionally, adjust the font size of the paragraph preceding Figure 9-aa59 to match the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 6” to match the font size of the sub-bullets. |
| 4100 | Ke Zhong | 9.4.2.aa7.7 | 153.35 | Incorrect font size. The sentence " When the value of the Mode ID field is 7," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 7” to match the font size of the sub-bullets. |
| 4101 | Ke Zhong | 9.4.2.aa7.8 | 153.47 | Incorrect font size. The sentence " When the value of the Mode ID field is 8," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 8” to match the font size of the sub-bullets. |
| 4102 | Ke Zhong | 9.4.2.aa7.9 | 153.58 | Incorrect font size. The sentence " When the value of the Mode ID field is 9," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 9” to match the font size of the sub-bullets. |
| 4103 | Ke Zhong | 9.4.2.aa7.10 | 154.04 | Incorrect font size. The sentence " When the value of the Mode ID field is 10," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 10” to match the font size of the sub-bullets. |
| 4104 | Ke Zhong | 9.4.2.aa7.11 | 154.59 | Incorrect font size. The sentence " When the value of the Mode ID field is 11," currently matches the size of the NOTE label. It should match the size of the body text. | As in comment. | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 11” to match the font size of the sub-bullets. |
| 6786 | Massinissa Lalam | 9.4.2.aa7 | 149.01 | In subclause 9.4.2.aa7, many sentences seem to have the font size of a NOTE (starting p151, l16). Apply the correct formatting over the whole subclause | As in comment | **Revised**TGbn editor: Please increase the font size of the statement “When the value of the Mode ID field is 1” on P151L16 to match the font size of the sub-bullets. Same instructions for P151L47, P151L58, P152L04, P152L15, P153L35, P153L47, P153L58, P154L04 and P154L59. |
|  |
| 4813 | Xuwen Zhao | 9.4.2.aa7.6 | 153.25 | In the sentence "...within the the operating channel width..." the word "the" is duplicated , which is a repetitive wording error. | Remove the duplicate "the" | **Revised**Agree with the commenter. The duplicate “the” is deleted.**TGbn editor: please implement the changes shown in document 11-25/1816r2 tagged as 4813.** |
|  |
| 4830 | Hui Che | 9.4.2.aa7.2 | 151.35 | In Figure 9-aa58 "NPCA Switching Delay" should be "NPCA Switch Delay" | Replace "NPCA Switching Delay" with "NPCA Switch Delay" . | **Accepted** |
| 5484 | Dongju Cha | 9.4.2.aa7.2 | 151.30 | typo in "NPCA Switching Delay" in the format | Change "NPCA Switching Delay" to "NPCA Switch Delay" | **Accepted** |
| 8300 | Yingqiao Quan | 9.4.2.aa7.2 | 151.30 | In 9.4.2.aa1, the field name "NPCA Switch Delay" is used, which does not match the field name "NPCA Switching Delay" in 9.4.2.aa7.2 Mode Specific Parameters for NPCA. The same issue appears many times in the D1.0. | Replace all "NPCA Switching Dealy" to "NPCA Switch Delay". | **Revised**Agree with the commenter. Typo in the figure is corrected.**TGbn editor: please implement the changes shown in document 11-25/1816r2 tagged as 8300.** |
|  |
| 5908 | Akira Kishida | 9.4.2.aa7.10 Mode Specific Parameters for EMLSR | 154.31 | "initial Control frame" -> ICF (already defined in 3.2) | As in the comment. | **Accepted** |
|  |
| 8065 | Mikael Lorgeoux | 9.4.2.aa7.6 | 153.11 | "LDPC Mode field" should be replaced by "LDCP Mode Suspend field" | As in comment. | **Revised**Agree with the commenter. Typo in the statement is corrected.**TGbn editor: please implement the changes shown in document 11-25/1816r2 tagged as 8065.** |
|  |
| 4616 | Haorui Yang | 9.4.2.aa7 | 150.50 | There is no "Mode Parameters" field in the above figure. | Change "Mode Parameters" to "Mode Specific Parameters" to align with the name in Figure 9-aa57. | **Accepted** |
| 5675 | JinHo Choi | 9.4.2.aa7 | 150.50 | 'Mode Parameters' field is not defined. It should be 'Mode Specific Parameters' field. | As in comment. | **Accepted** |
| 8280 | Rocco Di Taranto | 9.4.2.aa7 | 150.50 | Word "Specific" missing | Mode Parameters --> Mode Specific Parameters | **Accepted** |
| 8647 | Zhenpeng Shi | 9.4.2.aa7 | 150.50 | Change "Mode Parameters field" to "Mode Specific Parameters field" for consistency with figure 9-aa57 | As in comment | **Accepted** |
| 8669 | Chittabrata Ghosh | 9.4.2.aa7 | 150.50 | The field name is Mode Specific Parameters in Mode Tuple field; please replace "The Mode Length field indicates the number of octets in the Mode Parameters field." with "The Mode Length field indicates the number of octets in the Mode Specific Parameters field." | As in comment | **Accepted** |
| 9856 | Xiaofei Wang | 9.4.2.aa7 | 150.50 | Mode Parameters field is not shown in figure 9-aa57 | as in comment | **Revised**The name of the field is Mode Specific Parameters. Accordingly, updated the statement on L50 to match with the field name in Figure 9-aa57. **TGbn editor: please implement the changes shown in document 11-25/1816r2 tagged as 9856.** |

**Discussion**

None

**Text to be adopted begins here:**

**9.4.2.aa7.6 Mode Specific Parameters for AOM**

***TGbn editor: please update the following subclauses as shown below.***

**[8065]** The LDPC Mode Suspend field indicates whether the LDPC mode support by the AOM STA for both reception of PPDUs and transmission of TB PPDUs is suspended or not. The LDPC Mode Suspend field is set to 1 if LDPC is suspended; set to 0 if LDPC is not suspended.

***TGbn editor: please update the following subclauses as shown below.***

**[4813]** The Disabled Subchannel Bitmap field indicates whether one or more of the 20 MHz subchannels that lie within the BSS operating channel width are enabled or disabled for both reception and transmission of PPDUs. The Disabled Subchannel Bitmap field is a 16-bit bitmap where the lowest numbered bit corresponds to the 20 MHz subchannel that lies within the operating channel width and is the lowest in frequency of the set of all 20 MHz subchannels within the operating channel width. Each successive bit in the bitmap corresponds to the next higher frequency 20 MHz subchannel. A bit in the bitmap that lies within the operating channel width is set to 1 to indicate that the corresponding 20 MHz subchannel is punctured and is set to 0 to indicate that the corresponding 20 MHz subchannel is not punctured. A bit in the bitmap that falls outside of the operating channel width is reserved.

**9.4.2.aa7.2 Mode Specific Parameters for NPCA**

***TGbn editor: please update the following figure as shown below.***

|  |  |  |  |
| --- | --- | --- | --- |
|  | B0 B5 | B6 B11 | B12 B15 |
|  | NPCA Switch Delay | NPCA Switch Back Delay | Reserved |
| Bits: | 6 | 6 | 4 |

**Figure 9-aa58 --- Mode Specific Parameters field for NPCA [4830, 5484, 8300]**

**9.4.2.aa7.10 Mode Specific Parameters for EMLSR**

***TGbn editor: please update the following subclauses as shown below.***

**[5908]** The EMLSR Padding Delay field indicates the minimum MAC padding duration of the ICF requested by the UHR non-AP MLD as defined in 35.5.2.2.3 (Padding for a Trigger frame) starting from 0 µs and in units of 4 µs.

**9.4.2.aa7 UHR Mode Change element**

***TGbn editor: please update the following subclauses as shown below.***

**[4616, 5675, 8280, 8647, 8669, 9856]** The Mode Length field indicates the number of octets in the Mode Specific Parameters field.