IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB279 Comment Resolution for CIDs in sec-11 part 2 | | | | |
| Date: 2024-03-07 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Ali Raissinia | Qualcomm Inc. |  |  | alirezar@qti.qualcomm.com |
|  |  |  |  |  |

Abstract

This document provides LB279 comment resolutions to CIDs in section 11 based on **11bkD1.0, 11beD5.0, and REVmeD4.2 references**. The CIDs including 1182, 1213, 1126, 1155, 1270, 1271, and 1272 (7 total).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Line** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1182 |  |  |  | We are not allowed (per extensive REVme discussions) to rename fields | Revert the changes in Figure 9-788eu--Secure HE-LTF Parameters element format | Reject  TGbk is adding Secure LTF operation for EHT frame format so it makes sense to change the field name so that it is inclusive of both (HE and EHT) transmissions. |
| 1213 |  |  |  | "2x" should use a multiplication glyph, I think | As it says in the comment | Revise  No further changes required. Refer to the comment resolution for CIDs 1027, 1388, 1389, 1212, 1366 shown in document  <https://mentor.ieee.org/802.11/dcn/24/11-24-0213-02-00bk-lb279-comment-resolution-for-cids-in-sec-9-part-2.docx> |
| 1126 | 36 | 16 | 11.21.6.4.3.3 | What does a normative statement using "intends" really mean? Rework the sentence to remove "intends" | Change "If the RSTA intends to initiate a TB ranging measurement exchange soliciting both an EHT (TB) Ranging NDP and an HE (TB) Ranging NDP in a same TXOP, the RSTA shall: to "If the RSTA initiates a TB ranging measurement exchange soliciting both an EHT (TB) Ranging NDP and an HE (TB) Ranging NDP in a same TXOP, the RSTA shall:" | Revise  TGbk editor: make changes identified in the revision 1 of this document.  <https://mentor.ieee.org/802.11/dcn/24/11-24-0422-01-00bk-lb279-comment-resolution-for-cids-in-sec-11-part-2.docx> |
| 1155 | 36 | 22-24 | 11.21.6.4.3.3 | Change the text "After all the TB ranging measurement exchanges that solicit EHT (TB) Ranging NDP are completed, then perform TB ranging measurement exchange that solicits HE (TB) Ranging NDP." to | "Perform TB ranging measurement exchange that solicits HE (TB) Ranging NDP after all the TB ranging measurement exchanges that solicit EHT (TB) Ranging NDP are completed" as it tends to read better since it precedes with "RSTA shall". | Revise  TGbk editor: make changes identified in the revision 1 of this document.  <https://mentor.ieee.org/802.11/dcn/24/11-24-0422-01-00bk-lb279-comment-resolution-for-cids-in-sec-11-part-2.docx> |
| 1270 | 34 | 16 | 11.21.6.4.3.3 | "Number of Spatial Streams in each SS Allocation subfield" not clear. Is the first bit a subfield | Clarify | Revise  TGbk editor: make changes identified in the revision 1 of this document.  <https://mentor.ieee.org/802.11/dcn/24/11-24-0422-01-00bk-lb279-comment-resolution-for-cids-in-sec-11-part-2.docx>  The Number Of Spatial Stream is a subfield in the SS Allocation subfield (see REVme-D4.1 P696 Figure 9-93) |
| 1271 | 34 | 22 | 11.21.6.4.3.3 | "The RSTA Assigned I2R Nss =320 MHz for" -- presumably this is referring to the field. But it's the value indicated in the field, not the value in the field itself (which is 1 less than the NSS), correct? Ditto for the 2 previous bullets, and for the bullets on the next page | Clarify | Reject  Both Number Of Spatial Streams and RSTA I2R Nss=320 are the same as they are the number of spatial streams minus 1. Similarly, the two previous cases (i.e.,  RSTA Assigned I2R STS ≤ 80 MHz and  RSTA Assigned I2R STS =160 MHz. |
| 1272 | 36 | 16 | 11.21.6.4.3.3 | "If the RSTA intends to initiate a TB ranging measurement 17 exchange soliciting both an EHT (TB) Ranging NDP and an HE (TB) Ranging NDP in a same 18 TXOP" -- parens not clear. Do they mean that it could be TB or not TB Ranging NDPs, or do they mean it's necessarily the TB flavour? | Clarify | Revise  TGbk editor: make changes identified in the revision 1 of this document.  <https://mentor.ieee.org/802.11/dcn/24/11-24-0213-02-00bk-lb279-comment-resolution-for-cids-in-sec-9-part-2.docx> |

*Resolution for CID 1126 and 1272*

*TGbk editor: Change the text in P36L16 as follows:*

~~If the RSTA intends to initiate a~~ When a TXOP includes both a TB ranging measurement exchange soliciting ~~both~~ an EHT (TB) Ranging NDP and a TB ranging measurement exchange soliciting (#1126, #1272) an HE (TB) Ranging NDP ~~in a same TXOP~~, the RSTA shall:

— Begin with TB ranging measurement exchange that solicits an EHT TB Ranging NDP or an EHT ~~(TB)~~ Ranging NDP, that uses non-HT duplicate PPDU for the Ranging Trigger frames, and that sets the More TF subfield to 1 in the Ranging Trigger frames.

— Perform TB ranging measurment exchange that solicits an HE TB Ranging NDP or an HE HE Ranging NDP ~~A~~after all the TB ranging measurement exchanges that solicit an EHT ~~(~~TB~~)~~ Ranging NDP or an EHT Ranging NDP are completed. (#1155)~~, then perform TB ranging measurement exchange that solicits HE (TB) Ranging NDP~~.

*Resolution for CID 1270*

*TGbk editor: Change the text in P34L16 as follows:*

The Number ~~o~~Of Spatial Streams in each SS Allocation subfield shall not exceed:(#1270)

**References: 11bkD1.0, 11beD5.0, and REVmeD4.2**