* IEEE P802.11  
  Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB 271 CR for 9.2.4.8 | | | | |
| Date: 2023-03-30 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Hanqing Lou | InterDigital |  |  | [hanqing.lou@interdigital.com](mailto:hanqing.lou@interdigital.com) |
| Mahmoud Kamel |  |  |  |
| Rui Yang |  |  |  |
| Brian Hart | Cisco |  |  |  |

Abstract

##### This submission present proposed resolutions for the following 2 CIDs:

##### 17409, 17410

##### The proposed changes are based on 802.11be/D3.1.

##### Revision history:

##### r0 – initial version

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 17409 | Brian Hart | 9.2.4.8.1 | 154.11 | In the first column, the units of PPDU duration are unspecified. (Ditto the sizes in the rows above) | Specify units of PPDU duration. After "PPDU duraiton", append "(microseconds)" in this row and append "(octets)" in the rows above. | Rejected.  The unit is defined in the title of the Table as “*… and durations in microseconds*” |
| 17410 | Brian Hart | 9.2.4.8.1 | 154.52 | NOTE 9 begs the quesiton: what happens in this case. | Add a xref to the normative text that defines how this is handled. E.g., the recipient just has to suck it up? | Revised.  Agree in principle with the commenter.  Modified the definition for Maximum MPDU Length in Table 9-310. Modified the Note  TGbe editor to make the changes shown in 11-23/0602r0 under CID 17410 |

**9.2.4.8.1 General**

***TGbe editor: please make the following change in subclause 9.2.4.8.1***

***P154L58***

**Table 9-34—Maximum data unit sizes (in octets) and durations (in microseconds)**

|  |
| --- |
| NOTE 10—The maximum MPDU size might be greater than the size declared in the Maximum MPDU Length field as supported by the recipient if the MPDU is an EHT Compressed Beamforming/CQI frame(See Table 9-310—Subfields of the VHT Capabilities Information field and 35.7.1 General ) (#17410). |

***TGbe editor: please add the following subclause in subclause 9.4.2.157***

***P238L26***

**9.4.2.157.2 VHT Capabilities Information field**

***Please insert Table 9-310, and change the first entry of Table 9-310 as follows***

**Table 9-310—Subfields of the VHT Capabilities Information field**

|  |  |  |
| --- | --- | --- |
| **Subfield** | **Definition** | **Encoding** |
| Maximum MPDU Length | Indicates the maximum MPDU length that the STA is capable of receiving (see 10.11 (A-MSDU operation)), excluding MPDUs carrying an HE compressed beamforming/CQI Report frame (see 26.7.1 (General)) and an EHT Compressed Beamforming/CQI frame (see section 35.7.1 (General)). (#17410) | Set to 0 for 3895 octets.  Set to 1 for 7991 octets.  Set to 2 for 11 454 octets.  The value 3 is reserved. |

**9.4.2.313.2 EHT MAC Capabilities Information field**

***TGbe editor: please make the following change in subclause 9.2.2.313.2***

**P274L19**

**Table 9-401l—Subfields of the EHT MAC Capabilities Information field**

|  |  |  |
| --- | --- | --- |
| **Subfield** | **Definition** | **Encoding** |
| Maximum MPDU Length | Indicates the maximum MPDU length that the STA is capable of receiving (see 10.11 (A-MSDU operation)), excluding MPDUs carrying an HE compressed beamforming/CQI Report frame (see 26.7.1 (General)) and an EHT Compressed Beamforming/CQI frame (see section 35.7.1 (General)). (#17410) | Reserved when transmitted in 5 GHz or 6 GHz band.  Otherwise,  Set to 0 for 3895 octets.  Set to 1 for 7991 octets.  Set to 2 for 11 454 octets.  The value 3 is reserved. |