IEEE P802.11
Wireless LANs

|  |
| --- |
| LB 275 CR for CID 19353 |
| Date: 2023-09-28 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Hanqing Lou | InterDigital |  |  | Hanqing.lou@interdigital.com |
|  |  |  |  |  |

Abstract

##### This submission present proposed resolutions for the following 1 CID:

##### 19353

##### The proposed changes are editorial to align with the base line defined in REVme.

##### Revision history:

##### r0 – initial version

***TGbe editor: Please note Baseline is 11be D4.0***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause Number(C)** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 19353 | Brian Hart | 9.2.4.8.1 | 137.40 | 11me passed changes in 23/831 under CID4014 which affects the baseline (and required change text) at Table 9-34. | In Table 9-34, revisit the HE column and Note numbering for any required harmonization. Harmonize Maximum MPDU Length field in EHT MAC Capabilities with Maximum MPDU Length in VHT MAC Capabilitities in 11me (i.e., define all the exceptions in Table 9-34 and just provide a xref in the EHT MAC Capabilitie section. | Revised. Agree with the commenter in principle. Modified Table 9-34 based on change adopted in REVme. Tgbe editor please implement changes as shown in doc 11-22/1682r0 tagged as #19353. |

**9.2.4.8.1 General**

***TGbe editor: Please incorporate the changes tagged #19353 in Table 9-34 under subclause 9.2.4.8.1 in P137 of 802.11be D4.0. Note the changes tagged #4014 were adopted in 802.11REVme D4.0 but not appeared in 802.11be D4.0***

**Table 9-34—Maximum data unit sizes (in octets) and durations (in microseconds)(#19353)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Non-HT non-VHT non-HE(11ax) non-S1G non-DMG PPDU and non-HT duplicate PPDU** | **HT PPDU** | **VHT PPDU** | **HE PPDU** | **EHT PPDU** |
| MMPDU size | 2304See NOTE 10 (#4014) | 2304See NOTE 10 (#4014) | See NOTE 1 | 2.4 GHz band: see NOTE 11Otherwise: see NOTE 1 (#4014) | See NOTE 11 (#19353) |
| A-MSDU size | 3839 or 4065 (see NOTE 2) (HT STA, see also Table 9-222 (Subfields of the HT Capability Information field)), or N/A (non-HT STA, see also 10.11 (A-MSDU operation)) | 3839 (#1435)or 4065 (see NOTE 9) or 7935 (see also Table 9-222 (Subfields of the HT Capability Information field)) | See NOTE 3 | 2.4 G band:3839 or 7935(see alsoTable 9-222 (Subfields of the HT Capability Information field))Otherwise: see NOTE 3 (#19353) | 2.4 GHz band:3839 or 7935(see alsoTable 9-222 (Subfields of the HT Capability Information field))Otherwise: see NOTE 3 (#19353) |
| MPDU size | See NOTE 4  | See NOTE 5  | 3895 or 7991 or 11 454 (see also Table 9-311 (Subfields of the VHT Capabilities Information field) and NOTE 10)  | 2.4 GHz band: see NOTE 5.Otherwise: 3895 or 7991 or 11 454 (see also Table 9-311 (Subfields of the VHT Capabilities Information field)) See NOTE 7 | 3895 or 7991 or 11 454 (see also Table 9-311 (Subfields of the VHT Capabilities Information field), 9.4.2.263 (HE 6 G Band Capabilities element), and Table 9-404m (Subfields of the EHT MAC Capabilities Information field))See NOTE 10 |
| NOTE 1—No direct constraint on the maximum MMPDU size; indirectly constrained by the maximum MPDU size (see 9.3.3.1 (Format of (PV0) Management frames)).

|  |
| --- |
| NOTE 3—No direct constraint on the maximum A-MSDU size; indirectly constrained by the maximum MPDU size. |

 (#19135)NOTE 10—The maximum MMPDU or MPDU size can preclude the use of the corresponding PPDU format for certain sounding feedback configurations. See 10.33 (Transmit beamforming), 10.35 (Null data PPDU (NDP) sounding), 26.7 (HE sounding operation) and 35.7 (EHT sounding operation). (#4014)(#19135)NOTE 11—The maximum MMPDU size is:- if there is one recipient, then the size of the MPDU that contains an A-MSDU with size equal to the maximum size supported by the recipient less the shortest Management frame MAC header and FCS, or - if there is more than one recipient, then the size of the MPDU that contains an A-MSDU with size equal to the smallest among the maximum sizes supported by the recipients less the shortest Management frame MAC header and FCS. (#4014) |