IEEE P802.11  
Wireless LANs

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| Table 9-25 Proposed Comment Resolutions | | | | |
| Date: 2021-07-26 | | | | |
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Abstract

This submission contains proposed comment resolutions to comments on P802.11be D1.0. The changes are based on P802.11be D1.01.

3 comment resolutions are proposed:

CIDs 4095, 4291 and 5072

**Discussion**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Page.  Line | Clause Number | Comment | Proposed Change | Resolution |
| 4095 | 74.24 | 9.2.4.7.1 | Updated Table 9-25 to include a column for EHT | As in comment | REVISED  Agreed in principle.  ***Instructions to the editor:***  Please make the changes as shown in 11/21-1072r0, under CID 4095. |
| 4291 | 0.0 | 9.2.4.7.1 | Update table to add EHT PPDU limits.(references relative to TGax 8.0) | As in comment. | REVISED  Agreed in principle.  ***Instructions to the editor:***  Please make the changes as shown in 11/21-1072r0, under CID 4291. |
| 5072 | 71.07 | 9.2.4 | Add Table 9-25 from baseline 802.11ax-2021 spec and extend it to include a column for EHT PHY. | As in comment. | REVISED  Agreed in principle.  ***Instructions to the editor:***  Please make the changes as shown in 11/21-1072r0, under CID 5072. |

***Instructions to the editor, please add the following new table to a new clause 9.2.4.8.1 at P124, L2 of P802.11be D1.01.***

***The indicated changes show the new additional column for EHT from IEEE 802.11 REVme D0.1 (e.g. from the rolled in IEEE 802.11ax-2021)***

* Frame Body field
* General

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | * Maximum data unit sizes (in octets) and durations (in microseconds) | | | | | | |
|  | 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 | S1G PPDU | DMG PPDU |
| MMPDU size | 2304 | | 2304 | See NOTE 1 | See NOTE 1 | See NOTE 1 | See NOTE 1 | 2304 |
| MSDU size | 2304 | | 2304 | 2304 | 2304 | 2304 | 2304 | 7920 |
| A‑MSDU size | 3839 or 4065  (see NOTE 2)  (HT STA, see also Table 9-215 (Subfields of the HT Capability Information field)),  or  N/A (non-HT STA, see also 10.11 (A‑MSDU operation)) | | 3839 or 7935  (see also  Table 9-215 (Subfields of the HT Capability Information field)) | See NOTE 3 | 2.4 GHz band:  3839 or 7935  (see also  Table 9-215 (Subfields of the HT Capability Information field))  Otherwise: see NOTE 3 | 2.4 GHz band:  3839 or 7935  (see also  Table 9-215 (Subfields of the HT Capability Information field))  6 GHz band:  Xxx  (see also  9.4.2.263 (HE 6 GHz Band Capabilities element))  Otherwise: see NOTE 3 | See NOTE 3 | 7935 |
| MPDU size | See NOTE 4 | | See NOTE 5 | 3895 or 7991 or 11 454  (see also  Table 9-303 (Subfields of the VHT Capabilities Information field)) | 2.4 GHz band:  see NOTE 5  Otherwise: 3895 or 7991 or 11 454 (see also Table 9-303 (Subfields of the VHT Capabilities Information field))  See NOTE 7 | 2.4 GHz band:  see NOTE 5  6 GHz band:  3895, 7991 or 11 454  (see also  9.4.2.263 (HE 6 GHz Band Capabilities element))  Otherwise: 3895 or 7991 or 11 454 (see also Table 9-303 (Subfields of the VHT Capabilities Information field))  See NOTE 7 | 3895 or 7991 (see also Table 9-335 (Subfields of the S1G Capabilities Information field)) | See NOTE 5 |
| PSDU size | 212–1  (see Table 15-5 (DSSS PHY characteristics), Table 16-4 (HR/DSSS PHY characteristics),  Table 17-21 (OFDM PHY characteristics), Table 18-5 (ERP characteristics)) | | 216–1  (see  Table 19-25 (HT PHY characteristics)) | 4 692 480 (~222.16)  (see  Table 21-28 (VHT PHY characteristics)) | 6 500 631 (~222.63)  (see Table 27-54 (HE PHY characteristics)) | 15 523 200 (~223.88)  (see Table 36-69 (EHT PHY characteristics)) | 797 160 (~219.60)  (see  Table 23-40 (S1G PHY characteristics)) | 218–1  (see  Table 20-30 (DMG PHY characteristics)) |
| PPDU duration | See NOTE 6 | | 5484 (HT\_MF; see 10.27.4 (L\_LENGTH and L\_DATARATE parameter values for HT-mixed format PPDUs)) or 10 000 (HT\_GF; see Table 19-25 (HT PHY characteristics)) | 5484  (see  Table 21-28 (VHT PHY characteristics)) | 5484  (see Table 27-54 (HE PHY characteristics)) | 5484  (see Table 36-xx (EHT PHY characteristics)) | 27 840  (see  Table 23-40 (S1G PHY characteristics)) | 2000  (see  Table 20-30 (DMG PHY characteristics)) |
| 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 2—Indirect constraint from the maximum PSDU size: 212–1 octets minus the minimum QoS Data frame overhead (26 octets for the MAC header and 4 octets for the FCS).  NOTE 3—No direct constraint on the maximum A‑MSDU size; indirectly constrained by the maximum MPDU size.  NOTE 4—No direct constraint on the maximum MPDU size; indirectly constrained by the maximum MSDU/MMPDU or (for HT STAs only) A‑MSDU size.  NOTE 5—No direct constraint on the maximum MPDU size; indirectly constrained by the maximum A‑MSDU size.  NOTE 6—No direct constraint on the maximum duration, but an L\_LENGTH value above 2332 might not be supported by some receivers (see NOTE 2 in 10.27.4 (L\_LENGTH and L\_DATARATE parameter values for HT-mixed format PPDUs)).  NOTE 7—The maximum MPDU size might be greater than the size declared as supported by the recipient if the MPDU is an HE Compressed Beamforming/CQI frame. | | | | | | | | |