IEEE P802.11
Wireless LANs

|  |
| --- |
| D3.0 comment resolution 35.4.1 |
| Date: 2023-05-01 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu |  |  |  | Liwen.chu@nxp.com |

Abstract

This submission proposes resolutions for multiple comments related to TGbe D3.0 with the following CIDs:

 17001 17002 17003 16344

Revisions:

* Rev 0: Initial version of the document.

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 TGbe Draft. This introduction is not part of the adopted material.

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

***TGbe Editor: Editing instructions preceded by “TGbe Editor” are instructions to the TGbe editor to modify existing material in the TGbe draft. As a result of adopting the changes, the TGbe editor will execute the instructions rather than copy them to the TGbe Draft.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **PP** | **LL** | **Comment** | **Proposed Change** | Resolution |
| 17001 | 587 | 13 | "an HE TB PPDU generated by at least one non-EHT HESTA" -- how can an HE TB PPDU be generated by more than one STA? | Change to "an HE TB PPDU generated by an non-EHT HESTA" | Accepted |
| 17002 | 587 | 29 | "An EHT STA that transmits a Multi-TID BlockAckReq frame in an EHT TB PPDU may set each of the TIDValue subfields in the Per TID Info subfields of the BAR Information field of the Multi-TID BlockAckReqframe to a TID that corresponds to any AC." -- isn't this aleady the case in the baseline for HE STAs? | Delete the cited text. Ditto next para | RejectedDiscussion: the cited text by the commenter is related to the frame being carried in EHT TB PPDU and is not covered by 11ax rules. |
| 17003 | 587 | 38 | "the same rules as an HESTA that responds to an HE SU PPDU or HE ER SU PPDU with an SU PPDU as defined in26.4.4.4 (Responding to an HE MU PPDU, HE SU PPDU, or HE ER SU PPDU with an HE TB PPDU)" -- the cited subclause is notabout responding with an SU PPDU! | Fix the xref. Ditto line 51 | RevisedDiscussion: generally agree with the commenter.TGbe editor to make changes in THIS DOCUMENT with CID tag 17003 |
| 16344 | 587 | 49 | Update the text with EHT SU Transmission | Replace the text "EHT MU PPDU with a PPDU carrying a frame addressed to a single STA" with "EHT SU transmission". | RevisedDiscussion: in subclause 26.4.4.3 (Responding to an HE MU PPDU with an SU PPDU), the HE MU PPDU can carry single A-MPDU/MPDU, one MPDU and >=1 A-MPDU, or multiple A-MPDUs. The requirement is that the MPDU(s) for one recipoient can solicit the responding frame if the MPDU(s) in the HE MU PPDU are addressed to more than one STA. Based on such ovservation, the EHT MU PPDU may be either an EHT SU transmission or an EHT MU PPDU with multiple receivers.TGbe editor to make changes in THIS DOCUMENT with CID tag 16344 |

**35.4 EHT acknowledgment procedure**

**35.4.1 Overview**

***TGbe editor: please change 35.4.1 as follows:***

……

An EHT STA that responds to an EHT MU PPDU with an EHT TB PPDU follows the same rules as an HE STA that responds to an HE SU PPDU or HE ER SU PPDU with an TB PPDU (#17003) as defined in 26.4.4.4 (Responding to an HE MU PPDU, HE SU PPDU, or HE ER SU PPDU with an HE TB PPDU) with the following changes:

—Replacing HE MU PPDU, HE SU PPDU or HE ER SU PPDU by EHT MU PPDU

—Replacing HE TB PPDU by EHT TB PPDU

—Replacing HE STA by EHT STA.

An EHT STA that responds to an EHT MU PPDU with an SU PPDU (#16344) follows the same rules as an HE STA that responds to an HE MU PPDU with an SU PPDU (#17003) as defined in 26.4.4.3 (Responding to an HE MU PPDU with an SU PPDU) with the following changes:

—Replacing HE MU PPDU by EHT MU PPDU

—Replacing SU PPDU by a PPDU carrying a frame addressed to a single STA—Replacing HE STA by EHT STA.

……