IEEE P802.11
Wireless LANs

|  |
| --- |
| 11ax D5.0 comment resolution of various cubclauses |
| Date: 2019-11-08 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | Marvell |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolutions for multiple comments related to TGax D4.0 with the following CIDs:

* 22062, 22276, 22343, 22394.

Revisions:

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

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **PP** | **LL** | **Comment** | **Proposed Change** | **Resolution** |
| 22062 | 235 | 37 | "At most one Management frame that does not solicit acknowledgement" | remove "does not" | **Accepted** |
| 22276 |  |  | There is no reason to require all Trigger frames to be first in the A-MPDU (after any immediate ack). The point of having multiple Trigger frames is to mitigate corruption, but having them all bunched up means they are more vulnerable to periodic interference. The AP should be allowed to decide where best to place multiple Trigger frames, if it decides to include them | Delete "The Trigger frames are the first MPDUs of the A-MPDU unless the A-MPDU alsocarries an Ack or BlockAck frame in which case the Trigger frames are includedimmediately after the Ack or BlockAck frame." in the tables in the referenced subclause | Rejected.Dsicussion: this (all Trigger frames are at the beginning of A-MPDU) can gave the destinated STAs more time to prepare the HE TB PPDU. |
| 22343 | 235 | 26 | "At most one Data frame with a TIDthat does not correspond to an HT-immediate block ack agreement" -- it is not clear that the rightmost cell excludes ack policy No Ack | As it says in the comment | Rejected.Discussion: the case that the commenter refered to means that for a TID without BA agreement, a QoS Data frame can be EoF MPDU to solicit Ack. |
| 22394 |  |  | CID 20770. OK, but you still can't change existing legacy behaviour | Change "All of the MPDUs within an A-MPDU have the same TA." to "All of the MPDUs within an A-MPDU sent by an HE STA to another HE STA have the same TA." | RejectedThe added text doesn’t change the legacy behavior since the added text is always true to the STAs other than 11ax STAs. |