IEEE P802.11
Wireless LANs

|  |
| --- |
| 11be D2.0 Comment Resolution 35.4 |
| Date: August 2022 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | NXP |  |  | Liwen.chu@nxp.com |

Abstract

Proposed draft text for enhancements to TID mapping.

The submission proposes text changes to resolve the following CIDs

12885, 14005, 10841, 13825

# Revision History

|  |  |  |
| --- | --- | --- |
| **Date** | **Revision** | **Changes** |
| 2022-08-25 | 0 | Initial draft |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Line** | **Comment** | **Proposed Change** | **Proposed Resolution** |
| 12885 | 481 | 20 | The sentence "An EHT AP shall not transmit a Multi-STA BlockAck frame that contains a BlockAck Bitmap field with length equal to 512 or 1024 bits as a response to an HE TB PPDU generated by at least one HE STA, except that an EHT AP may transmit a Multi-STA BlockAck frame that contains a BlockAck Bitmap field with length equal to 512 or 1024 in an individually addressed RU." does not account for fact that EHT STA is also an HE STA. | Change sentence to "An EHT AP shall not transmit a Multi-STA BlockAck frame that contains a BlockAck Bitmap field with length equal to 512 or 1024 bits as a response to an HE TB PPDU generated by at least one HE STA that is not an EHT STA, except that an EHT AP may transmit a Multi-STA BlockAck frame that contains a BlockAck Bitmap field with length equal to 512 or 1024 in an individually addressed RU." | RevisedThe HE STA will be changed to non-EHT HE STA follows the accepted CID 14005.TGbe editor: Implement the proposed resolution for CID 14005 |
| 14005 | 481 | 22 | An EHT STA is an HE STA, but HE STA in this sentence intends to be non-EHT HE STA. | Change "HE STA" to "non-EHT HE STA". | accepted |
| 10841 | 482 | 30 | the BA bitmap length is upto 1024/8=128bytes, it's too long, 11be should provide an efficient solution to address the BA bloating issue. | the commenter will provide a solution on it. | RejectedDscussion: the BA bitmap 1024 means lthat an A-MPDU with more MPDUs solicits a BA. In order to transmit the same number of MPDUs, fewer PPDUs that carry MPDUs, and BA will be used. The overhead of PHY headers will be decreased. **T**he proposal of optimizing BA bitmap could has some furthere benefit in theory, but the gain is less compared with the length of PPDUs |
| 13825 | 481 | 48 | "SU" should be "TB" | Replace "SU" with "TB" | accepted |