IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB 266 CR for CID 11671 11966 | | | | |
| Date: 2022-11-02 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Zinan Lin | InterDigital |  |  | [Zinan.lin@interdigital.com](mailto:Zinan.lin@interdigital.com) |
| Hanqing Lou |  |  |  |
| Rui Yang |  |  |  |
|  |  |  |  |  |

Abstract

##### This submission present proposed resolutions for the following 2 CIDs: 11671, 11966

##### The proposed changes are based on 802.11be/D2.2.

##### Revision history:

##### r0 – initial version

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 11671 | Zinan Lin | 35.7.3 | 507.05 | Per current description, it does not prohibit the scenario where the STAs identified in the NDPA frame in the EHT TB sounding sequences are not indicated in the trigger frame. In other words, the STAs identified in the NDPA frame could be more than the STAs identified in the trigger frame. Then this may cause energy waste as the STAs which are identfied in the NDPA frame will measure the NDP and generate feedback report per NDPA requested but the reports are not being triggered. | It would be more complete to add the following sentence in the end of the paragraph: "In the EHT TB sounding sequence, the STAs identified in the NDPA frame should be the same as the ones identified in the Trigger frame(s) in the same TXOP" | **Accepted** |
| 11966 | Jarkko Kneckt | 35.7 | 490.52 | The EHT sounding procedure uses management frames and one sounding procedure should be done within a TXOP. 802.11be rules for sounding should limit the operation to a single TXOP in a single link more clearly | Please add text to clarify that the sounding is done in single link and within a TXOP. | **Rejected**  EHT sounding procedure uses NDPA, BFRP frames (which are control frames) and EHT Compressed Beamforming and CQI (which is a management frame). It is clear that non-TB sounding sequence is done within a single TXOP. For TB sounding sequence, P547L4 indicates that that “An EHT beamformer that has initiated an EHT TB sounding sequence shall transmit a BFRP Trigger frame to solicit feedback and may send additional BFRP Trigger frame(s) in the same TXOP, with any STA being triggered only once within the TXOP ”  Therefore, there is no need to add the text showing the sounding sequence should be done in one TXOP. |

***TGbe editor: please make the following change in subclause 35.7.3***

P547L4:

An EHT beamformer that has initiated an EHT TB sounding sequence shall transmit a BFRP Trigger frame to solicit feedback and may send additional BFRP Trigger frame(s) in the same TXOP, with any STA being triggered only once within the TXOP. Figure 35-40 (An illustration of EHT TB sounding) shows an example with two BFRP Trigger frames. The EHT beamformer uses the additional BFRP Trigger frames to solicit EHT compressed beamforming/CQI reports from EHT beamformees not addressed in a previous BFRP Trigger frame. An EHT beamformer shall not transmit a BFRP Trigger frame that identifies a STA identified in the EHT NDP Announcement frame of an EHT TB sounding sequence unless it is in the same TXOP as the EHT TB sounding sequence. (#11671) In the EHT TB sounding sequence, the STAs identified in the NDPA frame should be the same as the ones identified in the Trigger frame(s) in the same TXOP