IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SA Ballot Comment Resolutions for 11be D5.0 Sub-clause 36.2.1 | | | | |
| Date: 2024-02-08 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Bo Sun | Sanechips Technology Co., Ltd | ZTE industry zone, #9 Wuxingduan, Xifeng Rd., Chang’an district, Xi’an, China |  | Sun.bo1@sanechips.com.cn |
|  |  |  |  |  |

Abstract

This submission provisions with resolutions to the following 3 CIDs for clause 36.2.1 regarding EHT PHY service interface in IEEE P802.11be D5.0 in 11be’s 1st SA Ballot, including suggested spec text modification to IEEE P802.11be D5.0 to TGbe editor:

* CIDs: 22347, 22348, and 22349

Revisions:

* R0: comment resolutions initial draft

Interpretation of a Motion to Adopt

A motion or majority supported straw poll to approve this submission means that the editing instructions and any changed or added material are actioned in the TGbe Draft. When the baseline spec draft is an unapproved version, a majority supported straw poll to approve this submission means that the editing instructions and any changed or added material are actioned in the unapproved 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.***

***Comments for sub-clause 36.2.1: 3 comments***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Pg/Ln** | **Clause** | **Comment** | **Proposed Changed** | **Resolution** |
| 22347 | 672.14 | 36.2.1 | [Lei Zhou] the wrong IE name "TRIG\_VECTOR" | The EHT MAC uses the TRIG\_VECTOR TRIGVECTOR to configure the EHT PHY to receive EHT TB PPDUs over each assigned RU or MRU. | **Revised**  **Discussion:**  The addressed issue should be at P670/L14 in the IEEE P802.11be D5.0 for SA Ballot version.  Agree on the comment. The correct name for the addressed parameter should be “TRIGVECTOR”, as same as used in sub-clause 36.2.3.  **Instruction to TGbd Editor:**  Please replace “TRIG\_VECTOR” with “TRIGVECTOR” at P670/L14 in IEEE P802.11be D5.0 for SA Ballot version. |
| 22348 | 672.8 | 36.2.1 | [Lei Zhou] the wrong IE name "TRIG\_VECTOR" | The EHT PHY provides an interface to the EHT MAC through an extension of the generic PHY service interface defined in 8.3.4 (Basic service and options). The interface includes TXVECTOR, RXVECTOR, PHYCONFIG\_VECTOR, and TRIG\_VECTORTRIGVECTOR. | **Revised**  **Discussion:**  The addressed issue should be at P670/L8 in the IEEE P802.11be D5.0 for SA Ballot version.  Agree on the comment. The correct name for the addressed parameter should be “TRIGVECTOR”, as same as used in sub-clause 36.2.3.  **Instruction to TGbd Editor:**  Please replace “TRIG\_VECTOR” with “TRIGVECTOR” at P670/L8 in IEEE P802.11be D5.0 for SA Ballot version. |
| 22349 | 672.6 | 36.2.1 | [Lei Zhou] Description on "The EHT PHY provides an interface to the EHT MAC through an extension of the generic PHY service interface defined in 8.3.4 (Basic service and options). The interface includes TXVECTOR, RXVECTOR, PHYCONFIG\_VECTOR, and TRIG\_VECTOR. The EHT MAC uses the TXVECTOR to supply the EHT PHY with per-PPDU transmit parameters. The EHT PHY uses the RXVECTOR to inform the EHT MAC of the received PPDU parameters. The EHT MAC uses the PHYCONFIG\_VECTOR to configure the EHT PHY for operation that is independent of PPDU transmission or reception. The EHT MAC uses the TRIG\_VECTOR to configure the EHT PHY to receive EHT TB PPDUs over each assigned RU or MRU." should be described in general and misaligns with that in Draft P802.11REVme\_D4.1,subclause 27.2.1, Page 4131, line59 | The EHT PHY provides an interface to the EHT MAC through an extension of the generic PHY service interface defined in 8.3.4 (Basic service and options). The interface includes TXVECTOR, RXVECTOR, PHYCONFIG\_VECTOR, and TRIG\_VECTOR. The EHT MAC uses the TXVECTOR to supply the EHT PHY with per-PPDU transmit parameters. The EHT PHY uses the RXVECTOR to inform the EHT MAC of the received PPDU parameters. The EHT MAC uses the PHYCONFIG\_VECTOR to configure the EHT PHY for operation that is independent of PPDU transmission or reception. The EHT MAC uses the TRIG\_VECTOR to configure the EHT PHY to receive EHT TB PPDUs over each assigned RU or MRU. | **Rejected**  **Reason:**  The addressed text doesn’t intend to describe a “generic” PHY service interface as the commenter requested. Instead, the addressed text is expected to describe the EHT PHY service interface specifically, although it goes in the same way as 11ax PHY does.  Note, The addressed issue should be at P670/L6 in the IEEE P802.11be D5.0 for SA Ballot version. |

**References:**

1. **IEEE P802.11be/D5.0, Dec 2023**