IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| LB258: Resolution for CID 1106 and 1110 | | | | |
| Date: May 5, 2022 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Gaurang Naik | Qualcomm Inc. |  |  | gnaik@qti.qualcomm.com |

Abstract

This submission proposes resolutions for the following 2 CIDs received for TGme LB258:

1106, 1110

**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 TGm Draft. This introduction is not part of the adopted material.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Section** | **Pg.Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 1106 | Gaurang Naik | 10.3.2.3.3 | 2089/4 | Move the statement to a later point in the subclause. The current text describes the usage of SIFS before it is defined. | As in comment | **Revised**  Agree with the commenter. The cited statement is moved to the end of the subclause. Additionally, the text in the subclause is rearranged for improved reading.  **TGme editor: Please implement the changes shown in document [**<https://mentor.ieee.org/802.11/dcn/22/11-22-0702-00-000m-lb258-resolution-for-cid-1106-and-1110.docx>] **tagged as 1106** |
| 1110 | Gaurang Naik | 10.23.2.4 | 2207/6 | Sharing of the TXOP is allowed through multi-TID A-MPDUs as defined in 26.6.3 in HE SU PPDUs as well. | Revise the statement ‘Sharing of the EDCA TXOP occurs when an EDCAF within an AP that supports DL-MU-MIMO has obtained access to the medium’ to indicate that TXOP sharing is possible even in HE SU PPDUs. | **Revised**  Agree with the commenter. The cited statement is revised to indicate that TXOP sharing also occurs when the STA supports Multi-TID A-MPDU.  **TGme editor: Please implement the changes shown in document [**<https://mentor.ieee.org/802.11/dcn/22/11-22-0702-00-000m-lb258-resolution-for-cid-1106-and-1110.docx>] **tagged as 1110** |

***TGbe editor: Please note Baseline is REVme D1.2***

**10.3.2.3.3 SIFS**

***TGbe editor: Please revise the paragraphs of the subclause as shown below [CID 1106]***

The SIFS is the time from the end of the previous PPDU[+SigExt] to the beginning of the preamble of the subsequent PPDU as seen on the WM.

…

A non-DMG STA shall not allow the space between PPDU[+SigExt]s that are defined to be separated by a SIFS, as measured on the medium, to vary from the nominal SIFS by more than ± 10% × (aSlotTime – aAirPropagationTime) for the PHY in use. A DMG STA shall not allow the space between PPDUs that are defined to be separated by a SIFS, as measured on the medium, to vary from the nominal SIFS by more than –0% or +10% × (aSlotTime – aAirPropagationTime).

…

A DMG STA that transmits a PPDU containing at least one individually addressed MPDU shall set the TXVECTOR parameter TURNAROUND to 1 if the STA is required to listen for an incoming PPDU immediately following the transmission of the PPDU; otherwise, the STA shall set the TXVECTOR parameter TURNAROUND to 0. The STA shall set the TXVECTOR parameter TURNAROUND to 0 when it transmits an RTS frame.

**10.23.2.3 EDCA TXOPs**

***TGme editor: Please revise the paragraph as shown below [CID 1110]***

There are three modes of EDCA TXOP defined: initiation of an EDCA TXOP, sharing an EDCA TXOP, and multiple frame transmission within an EDCA TXOP. Initiation of the TXOP occurs when the EDCA rules permit access to the medium. Sharing of the EDCA TXOP occurs when an EDCAF within an AP that supports DL-MU-MIMO or a STA that supports Multi-TID A-MPDU (see 26.6.3 (Multi-TID A-MPDU and ack-enabled single-TID A-MPDU)) has obtained access to the medium, making the corresponding AC the primary AC, and includes traffic from queues associated with other ACs in HE, VHT, EDMG, S1G MU PPDUs, HE ER SU PPDUs or HE SU PPDUs transmitted during the TXOP. Multiple frame transmission within the TXOP occurs when an EDCAF retains the right to access the medium following the completion of a frame exchange sequence, such as on receipt of an Ack frame.