IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proposed resolution for CIDs for 26-2-2 | | | | |
| Date: 2019-07-18 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Kaiying Lu | MediaTek Inc. | 2840 Junction Ave., San Jose | (408) 3872160 | kaiying.lu@mediatek.com |
|  |  |  |  |  |

Abstract

This submission proposes resolutions for comments related to TGax D4.0 subclause 26.2.2 with the following CIDs:

20167, 20396, 20397

Revisions:

Rev 0: Initial version of the document.

Rev1: change resolution for CID 20396

Rev2: editorial changes

Rev3: changes in green

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** | **commenter** | **Section** | **Pg / Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 20167 | Bo Sun | 26.2.2 | 295.56 | The term "Intra-BSS PPDU" and "inter-BSS PPDU" are confusing. Both terms are used for MAC function of NAV setting, but PPDU is a PHY layer conception. PHY layer has no idea what's an Intra-BSS PPDU while MAC layer only knows A-MPDU/MPDU | Change the terms "Intra-BSS PPDU" to "Intra-BSS A-MPDU/MPDU" and "Inter-BSS PPDU" to "Inter-BSS A-MPDU/MPDU". | Rejected  The RXVECTOR parameter BSS\_COLOR from the received PPDU can be used by MAC layer to classify the frame carried in the PPDU as an inter-BSS or intra-BSS frame, even though the A-MPDU/MPDU may not be correctly decoded. As discussed in 11-19/0604r1, a sentence is added in 26.2.2 to clarify that a frame carried in a PPDU identified as intra-BSS is an intra-BSS frame. Similar sentence is added for inter-BSS frame. |
| 20396 | Liwen Chu | 26.2.2 | 296.26 | When BSS color collision happens, this bullet needs to be disabled. Otherwise OBSS PPDU may be treated as IBSS PPDU. | As mentioned in the comment | Revised  When BSS color collision happens, the received PPDU can be identified based on the exception rule described in this sub-clause that “If the received frame satisfies the intra-BSS conditions using the RXVECTOR parameter BSS\_COLOR and also satisfies the inter-BSS conditions using MAC address information, then the classification made using the MAC address information takes precedence”.  Add the condition that when the BSS Color is disabled, the MAC address information will always take precedence.  TGax editor, please make changes as shown in 11-19/0835r3 CID 20396. |
| 20397 | Liwen Chu | 26.2.2 | 296.58 | It seems this will never happen. | Delete the paragraph | Rejected  Because the BSSID field of the public action frame is set to either the BSS's BSSID or the wildcard BSSID value (refer 11.18 “Public Action frame addressing”) and the TA of the public action frame is set to the BSSID, the conditions for both an intra-BSS frame and an inter-BSS frame could happen. |

26.2.2 Intra-BSS and inter-BSS PPDU classification

***TGax Editor: Please add the following at the end of this subclause as shown below***

If a STA determines that the BSS color is temporarily disabled (see 26.17.3.3 Disabling BSS color), then the RXVECTOR parameter BSS\_COLOR of a PPDU shall not be used to classify the PPDU. [20396]