IEEE P802.11
Wireless LANs

|  |
| --- |
| Resolution for CID 21110 |
| Date: July 52019 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Abhishek Patil | Qualcomm Inc. |  |  | appatil@qti.qualcomm.com |
| Alfred Asterjadhi | Qualcomm Inc. |  |  | aasterja@qti.qualcomm.com |
| George Cherian | Qualcomm Inc. |  |  | gcherian@qti.qualcomm.com |

 Abstract

This submission proposes resolutions for CID 21110 received for TGax LB238

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Minor updates based on feedback when the doc was presented on 7/12 MAC ad-hoc

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** | **Pg/Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
| 21110 | Oghenekome Oteri | 325.33 | 26.5.3.2.1 | No discussion on the "26 tone RU" case as discussed on pg 323 line 31 "The center 26-tone RU in any 20 MHz channel of a 40 MHz, 80 MHz, 160 MHz, or 80+80 MHz HE MUPPDU shall not be assigned to a 20 MHz operating non-AP STA" | Write corresponding case in this section | **Revised**Agree with the comment. A sentence is added requiring the AP to follow the RU allocation rules in 27.3.2.8 which covers the case of not allocating a center 26-tone RU to a 20 MHz operating non-AP STA when the TB PPDU is 40MHz, 80MHz 160 MHz or 80+80 MHz. Further the RU allocation rule in 26.5.1.3 are updated to be consistent with 26.5.2.2.4.**TGax editor, please implement the changes shown in doc 11-19/1217r1** |

* **Allowed settings of the Trigger frame fields and TRS Control subfield**

***TGax Editor: Please make changes to the 10th paragraph in this subclause as shown below:***

[21110]An AP shall follow the RU restriction rules defined in 27.3.2.8 (RU restrictions for 20 MHz operation) when assigning an RU to a 20 MHz operating non-AP STA for a 40 MHz, 80 MHz, 160 MHz, or 80+80 MHz HE TB PPDU. An AP shall not set the RU Allocation subfield of the User Info field of a Trigger frame or TRS Control subfield that is addressed to a non-AP STA to a value such that the RU allocated to the STA lies outside the channel in which the STA is operating (see 27.3.2.6 (Resource allocation for an HE TB PPDU), and 27.3.2.9 (80 MHz operating non-AP HE STAs)) or outside the SST subchannel (if applicable) in which the STA is operating (see 26.8.7 (HE subchannel selective transmission)).

* RU allocation in an HE MU PPDU

***TGax Editor: Please make changes to the 3rd paragraph in this subclause as shown below:***

[21110]An AP shall follow the RU restriction rules defined in 27.3.2.8 (RU restrictions for 20 MHz operation) when assigning an RU to a 20 MHz operating non-AP STA in a 40 MHz, 80 MHz, 160 MHz, or 80+80 MHz HE MU PPDU. An AP shall follow the rules in 27.3.2.7 (20 MHz operating non-AP HE STAs), and 27.3.2.9 (80 MHz operating non-AP HE STAs) or the SST subchannel (if applicable) in which the STA is operating (see 26.8.7 (HE subchannel selective transmission)) if allocating RUs to a non-AP STA.