IEEE P802.11  
Wireless LANs

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| Resolution for CID 24019 | | | | |
| Date: July 28, 2020 | | | | |
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Abstract

This submission proposes resolutions for CID 24019 received for TGax SA Ballot 1:

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 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.***

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| **CID** | **Commenter** | **Pg/Ln** | **Section** | **Comment** | **Proposed Change** | **Resolution** |
| 24019 | Chitrakar, Rojan | 363/59 | 26.5.4.2 | RUs that are restricted from operations specified in 27.3.2.8 shall be excluded from an eligible RA-RU if the receiving non-AP STA is a 20 MHz operating non-AP HE STA. It should be clarified in the calculation for determining the number of eligible RA-RUs. | Change "A non-AP HE STA shall determine the number of eligible RA-RUs in a contiguous set by adding the value carried in the Number Of RA-RU subfields plus one for the User Info field corresponding to an eligible RA-RU." to "A non-AP HE STA shall determine the number of eligible RA-RUs in a contiguous set by adding the value carried in the Number Of RA-RU subfields plus one for the User Info field which allocates at least one eligible RA-RU. If the STA is a 20 MHz operating non-AP HE STA, the STA shall further subtract the number of RUs that are restricted from operations specified in 27.3.2.8." | **Revised**  Agree with the commenter. A STA operating in 20MHz only must not consider RUs that lie outside the 20MHz channel as eligible. A note was added to clarify.  **TGax editor, please make changes as shown in doc 11-20/1142r0** |

**26.5.4.2 Eligible RA-RUs**

*TGax editor, please make changes to the following paragraph as shown below*

A non-AP HE STA shall compute the number of eligible RA-RUs in a contiguous set by adding one to the value carried in the Number Of RA-RU subfield for the User Info field corresponding to an eligible RA-RU.

NOTE – If the non-AP HE STA is a 20 MHz operating STA, it further subtracts the number of RUs that are restricted from operations as specified in 27.3.2.8 (RU restrictions for 20 MHz operation).

**Discussion:**

UORA Parameter set element is absent in the list of elements that should trigger an update to the Check Beacon field. Without this, a non-AP STA that skips Beacon frames will miss an update to the UORA parameter set. This can result in higher collisions when using RA-RUs.

TGax editor, please add UORA Parameter Set element to the list of elements in clause 11.2.3.15 TIM Broadcast

r) Modification of the UORA Parameter Set element