IEEE P802.11
Wireless LANs

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| 11ax D2.0 Comment Resolution CID14318 |
| Date: 2018-02-28 |
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Abstract

This submission proposes resolutions for multiple comments related to TGax D2.0 with the following CIDs:

* 14318.

Revisions:

* .

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** | **PP** | **LL** | **Comment** | **Proposed Change** | **Resolution** |
| 14318 | 247 | 1 | The statement "HE\_LTF\_TYPE is 4xLTF for 3.2 ++s or 2x LTF for 1.6 ++s" is not valid. The values of "3.2 ++s" and "1.6 ++s" are for "GI\_TYPE". | Change the sentence to the following:"GI and LTF Type is set to 2 if the carrying PPDU TXVECTOR parameters HE\_LTF\_TYPE and GI\_TYPE are either 4x LTF and 3.2 ++s or 2x LTF and 1.6 ++s, respectively; otherwise is set to 1" | **Revised****Generally agree with the commenter:** HE\_LTF\_ TYPE in TXVECTOR/RXVECTOR has no value of 4x LTF for 3.2 μs.**TGax editor to make change in 11-18/0423r1 under 14318** |

**27.5.3.2.3 Allowed settings of the Trigger frame fields and UMRS Control field**

***TGax editor: change 6th paragraph in 27.5.3.2.3 as follows(14318):***

 An AP that transmits Trigger frames and frames carrying a UMRS Control subfield in more than one A-MPDU shall set the Common Info field of the Trigger frames and the UMRS Control subfields in each A-MPDU as follows:

* The Length subfield in the Common Info field of the Trigger frames and the HE TB PPDU Length field in the UMRS Control subfields indicate the same HE TB PPDU duration
* The AP Tx Power subfield in the Common Info field of the Trigger frames and the DL Tx Power subfield in the UMRS Control subfields indicate the same transmit power
* In the Common Info field of the Trigger frames:
* The MU-MIMO LTF Mode and STBC subfields are set to 0
* The Number Of HE-LTF Symbols And Midamble Periodicity subfield is set to 0
* The Doppler subfield is set to 0
* The Packet Extension subfield is set to the default PE duration value, which is indicated by the AP in the Default PE Duration subfield of the HE Operation element it transmits and the pre-FEC padding factor is set to 4
* The Spatial Reuse subfield is set to SRP\_AND\_NONSRG\_OBSS-PD\_PROHIBITED
* The GI And LTF Type subfield is set to 2 if the carrying PPDU TXVECTOR parameter HE\_LTF\_TYPE is equal to 2 and GI\_TYPE is equal to 2 or the carrying PPDU TXVECTOR parameter HE\_LTF\_TYPE is equal to 1 and GI\_TYPE is equal to 1; otherwise is set to 1
* The other remaining subfields are set to any valid value(#14257, #13709, #Ed)

**28.2.2 TXVECTOR and RXVECTOR parameters**

***TGax editor: change the rows of*** *HE\_LTF\_TYPE and GI\_TYPE in Table28-1* ***as follows(14318):***

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| HE\_LTF\_TYPE | FORMAT is HE\_SU, HE\_MU, HE\_EXT\_SU or HE\_TRIG | Indicates the type of HE-LTF.Interger:0 indicates 1x HE-LTF for 3.2 us with 0.8 us or 1.6 us GI1 indicates 2x HE-LTF for 6.4 us with 0.8 us or 1.6 us GI2 indicates 4x HE-LTF for 12.8 us with 0.8 us or 3.2 us GISee 28.3.8(Timing-related parameters) and 28.3.10.10 (HE-LTF) for details. *[CID14036]* | Y | Y |
| Otherwise | Not present | N | N |

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| GI\_TYPE | FORMAT is HE\_SU, HE\_MU, HE\_EXT\_SU or HE\_TRIG | Indicates the length of the GI for the HE-LTF and HE-Data fields.Integer:0 indicates 0.8 µs1 indicates 1.6 µs2 indicates 3.2 µsNOTE—the length of GI for pre-HE modulated fields is 0.8 µs. | Y | Y |
| Otherwise | See corresponding entry in Table 21-1 (TXVECTOR and RXVECTOR parameters). |