IEEE P802.11
Wireless LANs

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| 11ax D2.0 Comment Resolution 9.4.2.237.2 |
| Date: 2018-04-30 |
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Abstract

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

* 11014, 12020, 11021, 11022, 11859, 12278, ~~12419,~~ 12703, 12861, 13001

Revisions:

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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** |
| 11014 | 136 | 39 | Maximum A-MPDU Length Exponent subfield is missing Description and Encoding. Create a new section (called "A-MPDU Length Exponent Derivation") which comprises of the text after table 9-262z on pg 137 line 51 onwards. Add brief description and provide section reference to the new section after table 9-262z. | As in comment | **Revised.****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| 11020 | 137 | 51 | Move the contents of the paragraph after Table 9-262z to a separate sub-section. Having a separate section facilitate making a reference from other sections (such as 10.13.2 and Table 9-262z (row corresponding to 'Maximum AMPDU Length Exponent' subfield)). | Create a Create a new section called "A-MPDU Length Exponent Derivation" to capture details related to the derivation of the Max A-MPDU Length Exponent (i.e., combination of either VHT or HT Max A-MPDU length exponent). Also, might be useful to have a table that shows the derivation under different conditions (e.g., presence or absence of HT/VHT Capabilities element).new section called "A-MPDU Length Exponent Derivation" to capture details related to the derivation of the Max A-MPDU Length Exponent (i.e., combination of either VHT or HT Max A-MPDU length exponent). | **Revised.****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| 11021 | 138 | 11 | Per baseline 2016 spec, the max value is 3 (not 7) for Maximum A-MPDU Length Exponent in HT Capabilities. | Change the text on P138L11 to: "... then the value in the Maximum A-MPDU Length Exponent subfield in the HT Capabilities element is 3 and the maximum A-MDU length ... " | **Revised****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| 11022 | 138 | 13 | Instead of reserved, a value of 3 in Maximum A-MPDU Length Exponent subfield can be used to indicate a larger A-MPDU size. | As in comment | **Revised****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| 11859 | 136 | 39 | Some text needs to be provided for this capability field. | Specifiy this field. | **Revised****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| 12278 | 136 | 39 | In Table 9-262z, the definition and encoding of Maximum A-MPDU Length Exponent subfield are blank. | Please specify the definition and encoding of Maximum A-MPDU Length Exponent subfield. | **Revised****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| ~~12419~~ | ~~137~~ | ~~43~~ | ~~A-MSDU in A-MPDU Support ahould be removed from the draft.~~ | ~~As in comment~~ |  |
| 12703 | 136 | 39 | Missing A-MPDU length exponent definition and encoding | Fill in the middle and rightmost cells (based on the 11ac equivalent) | **Revised****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |
| 12861 | 135 | 10 | "Multi-TID Aggregation Support" is not defined clearly | At the referenced location change "Indicates the number of TIDs minus 1 of QoS Data frames that an HE STA can aggregate in a multi-TID A-MPDU as described in 27.10.4 (multi-TID A-MPDU and ack-enabled A-MPDU)." to "Indicates the number of TIDs of QoS Data frames that an HE STA can receive in a multi-TID A-MPDU as described in 27.10.4 (multi-TID A-MPDU and ack-enabled A-MPDU)." and change "Set to the number of TIDs minus 1 of QoS Data frames that an HE STA can aggregate in a multi-TID A-MPDU." to "Set to the number of TIDs minus 1 of QoS Data frames that an HE STA can receive in a multi-TID A-MPDU. | **Revised****Generally agree with the commenter. The CID is resolved by CID 12379.** |
| 13001 | 136 | 39 | In Table 9-262z, Definition and Encoding associated to the subfield "Maximum AMPDULength Exponent" are empty. | Please provide Definition and Encoding rules for the subfield "Maximum AMPDULength Exponent". Or add the text explaning its purpose as a NOTE to integrate to the Table. | **Revised****Generally agree with the commenter. The CID is resolved by CID 11328 in 11-18/425** |