IEEE P802.11  
Wireless LANs

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| 802.11  [SA Ballot Comments Resolutions for FTM CIDs]  (relative to P802.11ax/D6.0 ) | | | | |
| Date: 2020-06-17 | | | | |
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**Abstract**

This submission contains proposed resolutions for TGax SA Ballot of CIDs 24488 and 24489 (2).

**Comments**:

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| CID | Page | Clause | Comment | Proposed change | Resolution |
| 24487 |  |  | Changes to FTM are outside the scope of P802.11ax | Delete the changes shown in 10.6.6.1 General rules for rate selection for Control frames bullet f), 26.15.2 PPDU format selection last para | **Rejected**.  Agree with the commenter that the development of FTM is within the primary scope of P802.11az draft.  This is however not a new mode of operation but an adjustment to interoperable issue coming from products in the field on legacy modes.  As such a timely resolution is needed.  Whether it’s part of 11az or 11ax it will eventually be part of the baseline standard and thus result will be identical.  By allowing a VHT format ACK instead of a non HT dup ACK the receiving PHY improves the accuracy by a power of 2 of the factor of BW by that improving the medium efficiency of FTM.  Original feedback to commenter included the following text:  *“If larger changes are made would recommend to reconsider moving of FTM related change to 11az.”*  There were no further changes made. |
| 24489 |  |  | Changes to FTM are outside the scope of P802.11ax | Delete the changes shown in 10.6.6.1 General rules for rate selection for Control frames bullet f), 26.15.2 PPDU format selection last para and liaise with TGaz to add them to P802.11az | **Rejected**.  Agree with the commenter that the development of FTM is within the primary scope of P802.11az draft. This is however not a new mode of operation but an adjustment to interoperable issue coming from products in the field on legacy modes.  As such a timely resolution is needed.  Whether it’s part of 11az or 11ax it will eventually be part of the baseline standard and thus result will be identical.  By allowing a VHT format ACK instead of a non HT dup ACK the receiving PHY improves the accuracy by a power of 2 of the factor of BW by that improving the medium efficiency of FTM.  Original feedback to commenter included the following text:  *“If larger changes are made would recommend to reconsider moving of FTM related change to 11az.”*  There were no further changes made. |