IEEE P802.11
Wireless LANs

|  |
| --- |
| Comment resolution on PICs |
| Date: 2018-11-12 |
| Author: |
| Name | Affiliation | Address | Phone | Email |
| Edward Au | Huawei Technologies | 303 Terry Fox Drive, Suite 400, Ottawa, Ontario K2K 3J1 |  | edward.ks.au@huawei.com |

This submission present a resolution for CIDs 15174, 15156, 16928, 16929, 17136, and 17137. The proposed changes are based on P802.11ax D3.2.

##### Revision history:

##### R0 – initial version

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 15174 | B | 625 | 8 | Annex B is still incomplete. Maybe good to complete it. | As in comment. | RejectedThe comment fails to identify changes in sufficient detail so that the specific wording of the changes that will satisfy the commenter can be determined. |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 15156 | B.4.3 | 625 | 61 | Add PICs item for 6 GHz in the B.4.3 IUT configuration table | PICsitem for 6 GHz\*CFHE6GIUT configuration: He Operation in the 6 GHz band.References: Clause 28 | RevisedAgree in principle. The symbol “\*” is removed at this moment because it is yet to decide which PICs are dependent on CFHE6G.Please refer to 18/1942r0 for the detailed changes. |

Proposed resolution:

Revised

To TGax editor: Please add the entry “CFHE6G” to B.4.3 right after the entry “CFHE5G” in page 641 line 62:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| \*CFHE2G4 | HE operation in 2.4 GHz band | Clause 28 | O.8 | Yes  No  |
| \*CFHE5G | HE operation in 5 GHz band | Clause 28 | O.8 | Yes  No  |
| CFHE6G | HE operation in 6 GHz band | Clause 28 | O.8 | Yes  No  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 16928 | B.4.4.2 | 627 | 3 | Whether any kind of frame is transmitted by an AP is up to the AP, and shouldn't be mandatory | Change Mandatory frames transmitted by an AP to O | RejectedIt is true the AP can choose to transmit or not at any given time, but an HE AP shall be capable of transmitting the HE format frames. The “M” in the PIC expresses this requirement. |
| 16929 | B.4.4.2 | 627 | 26 | Trigger frame transmission should be optional since the scheduler of an AP decides whether it is appropriate or not | Change to O | RejectedIt is true the AP can choose to transmit or not at any given time, but an HE AP shall be capable of transmitting the trigger frames. The “M” in the PIC expresses this requirement. |

References:



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Resolution |
| 17136 | B.4.27.1 | 630 | 34 | SU beamformer is mandatory for AP which is MU beamformer, and MU beamformer is mandatory if the AP supports 4SS(PP303L55), but current texts says it is optional if the supported maximum number of transmit spatial streams equal to 4. | HEM6.1SU beamformer capable if the supportedmaximum number of transmitspatial streams is less than 4HEM6.2SU beamformer capable if the supportedmaximum number of transmitspatial streams is greater than or equal to 4 | Accepted |
| 17137 | B.4.27.1 | 630 | 46 | MU beamformer is mandatory for AP which supports 4SS(PP303L55), but current texts says it is optional if the supported maximum number of transmit spatial streams equal to 4. | HEM6.4MU beamformer capable if the supportedmaximum number of transmitspatial streams is less than 4HEM6.5MU beamformer capable if the supportedmaximum number of transmitspatial streams is greater than or equal to 4 | Accepted |

References:

