IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Proposed resolution for CID 24525 | | | | | | Date: 2020-06-24 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Kaiying Lu | Mediatek Inc. | 2840 Junction Ave. San Jose, CA | (408) 3872160 | [Kaiying.lu@mediatek.com](mailto:Kaiying.lu@mediatek.com) | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolutions for comments related to TGax D6.0 subclause 26.15.6 with the CID 24525

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** | **Section** | **Pg / Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 24525 | 26.15.6 | 449.51 | The path-loss in the mid 6 GHz band is approximately 1.5 dB higher than in the mid 5 GHz band. HE ER SU PPDU with DCM can provide additional link budget and is suitable for PPDUs containing group addressed frames without the limitation of antenna configuration.  A similar comment was proposed during LB244 on D5.0 (CID#22058), but it was withdrawn during Nov 2019 IEEE in order for 11ax to proceed to sponsor ballot without delay. | Add rules to allow DCM to be used for group addressed frame transmission in 6GHz band.  Please see the proposed resolution originally for CID#22058 in 11-19/2075r0. | Rejected  6GHz LPI scenario has much shorter range compared to 5GHz band.  For 20MHz beacon, allowed Tx power 18dBm in 6GHz LPI v.s. 30dBm in 5GHz, there is 12 dB difference. The proposed solution by only using DCM for group addressed frame transmission in 6GHz band is not a complete solution.  The complete solution should be pursued in a new task group, eg. 802.11be |