IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Misc. PHY | | | | | | Date: 2019-07-09 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Ron Porat | Broadcom |  |  | [Ron.porat@broadcom.com](mailto:Ron.porat@broadcom.com) | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolution of comments

20794, 20934, 20935

From the letter ballot of TGax D4.0.

Changes relative to D4.0

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** | **Commenter** | **Clause** | **Page/Line** | **Comment** | **Proposed Change** | **Resolution** |
| 20794 | Mark RISON |  |  | Re CID 16381: the resolution does not address the specific points made in the comment: "The secondary 40 MHz is entirely missed out, but the secondary 80 MHz is still there? Or the presence/absence of the secondary 40 MHz is undefined (might be present, might be 50% present, might be absent?)? Why not the mode where one of the 20 MHz of the secondary 40 MHz is punctured, like in 80 MHz bw?" | Addrees the points made in CID 16381 | Rejected  My understanding is the previous resolution did address the comment albeit succinctly.    In this mode any of the 14 20MHz subchannels outside P40 could be punctured. This mode effectively tells the STA to only use the primary 40MHz for SIGB decoding and given this is a 160MHz mode, at least one 20MHz channel is present in S80. |
| 20934 | Mark RISON |  |  | Re CID 16138: the field name is therefore very poor. Also not clear what "payload in" refers to. Also an RU in a 20M PPDU is necessarily in the primary 20 MHz channel. Also not clear why this is restricted to from non-AP STA (is this to allow HE TDLS STAs to restrict each other?). Also "single" not clear | Change "Rx Partial BW SU Using HE MU PPDU From Non-AP STA" to "Rx Partial BW SU In 20 MHz HE MU PPDU" in Figure 9-772c and Table 9-321b and at 419.2. In Table 9-321b change "Indicates support for the reception of payload in a 20 MHz HE MU PPDU with a single 106-tone RU in the primary 20 MHz channel." to "Indicates support for the reception of a 20 MHz HE MU PPDU with just a 106-tone RU.". At 419.1 change "An STA shall not transmit a 20 MHz HE MU PPDU with just a 106-tone RU to a peer STA unless it has received from the peer STA" | Accepted |
| 20935 | Mark RISON |  |  | "Rx Partial BW SU Using HE MU PPDU From Non- AP STA" is so specific (doesn't cover any PPDU widths other than 20M, doesn't cover any RU widths other than 106-tone, doesn't cover any combination of a 106-tone RU with any other RU) as to be useless | Make the field in the element reserved and delete all references to the field (Table 9-321b, Figure 9-772c and 26.15.2) | Rejected  The group decided there is a need for this capability in contribution 18/755 for the special case of UL SU using the MU format with partial BW. |