IEEE P802.11  
Wireless LANs

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| Comment Resolutions on Clause 28.3.2 (Subcarrier and Resource Allocation) | | | | |
| Date: 2018-03-05 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Junghoon Suh | Huawei Tech | 303 Terry Fox Dr, Kanata, ON K2K 3J1, Canada | +1-613-595-1900 | junghoon.suh@huawei.com |

Abstract

This submission proposes resolutions for the following 2 comments on Clause 28.3.2 of TGax D2.2:

13630, 14051

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Based on D2.2

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** | **Clause Number** | **P.L** | **Comment** | **Proposed Change** | **Resolution** |
| 13630 | 28.3.2.3 | 385.8 | In case of mixed RUs transmissions, for example mixed 26 and 106 tone RUs in 20Mhz, indicating null subcarrier index may bring some confusion. Need some clarification text. | Add a note: "Unless null subcarrier index is occupied by allocated resource unit, there are zero energy in null subcarrier index." | Rejected—  The 106 RU does not have any null subcarrier in 20 MHz, but only 26 and/or 52 RU has, according to Table 28-9, so the Table 28-9 is clear enough. No need to have extra statements. |
| 14051 | 28.3.2.7 | 387.65 | Why are we calling out "in the 2.4 GHz and 5 GHz frequency bands" here? | Delete "in the 2.4 GHz and 5 GHz frequency bands". | Revised—  Proposed resolution accounts for the suggested change.  TGax Editor to make the changes shown in IEEE 802.11-18/0349r1 under the tag with CID 14051. |

***TGax Editor: Please edit D2.2, Pg 387, ln 62 - 65 in section 28.3.2.7 as follows:***

A 20 MHz operating non-AP HE STA shall support tone mapping of 26-tone RU, 52-tone RU, 106-tone RU and 242-tone RU for a 20 MHz HE PPDU (see Table 28-6 (Data and pilot subcarrier indices for RUs in a 20 MHz HE PPDU)) ~~in the 2.4 GHz and 5 GHz frequency bands~~. (#14051)

**References:**

1. **IEEE P802.11axTM/D2.2, Jan 2018.**