### **IEEE P802.11Wireless LANs**

|  |
| --- |
| Comment Resolutions on Several PHY Topics |
| Date: 2021-05-05 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Steve Shellhammer | Qualcomm |  |  | shellhammer@ieee.org |
| Bin Tian | Qualcomm |  |  | btian@qti.qualcomm.com |

**Abstract**

The document provides comment resolutions for CIDs: 5413, 5414, 5415, 5416 and 5417.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page/Line** | **Comment** | **Proposed Change** | **Resolution** |
| 5413 | 27.3.18c.1 | 228 | The justification for sixty-four LTF sequence in an NDP is only valid for a single user case. For multi-user cases, the justification no longer holds. In practice, there is no reason to justify the choice of sixty-four secure LTF sequences in the standard | Remove ", since there are up to eight repetitions13 and up to eight secure LTF sequences within a repetition" | **Revised**There is a typo in the Proposed Change.TGaz Editor, on Page 228, Line 12, Delete “, since there are up to eight repetitions and up to eight secure LTF sequences within a repetition” |
| 5414 | 27.3.18c.2 | 229 | The justification for sixty-four LTF sequence in an NDP is only valid for a single user case. For multi-user cases, the justification no longer holds. In practice, there is no reason to justify the choice of sixty-four secure LTF sequences in the standard | Remove ", since there are up to eight repetitions13 and up to eight secure LTF sequences within a repetition" | **Revised**There is a typo in the Proposed Change.TGaz Editor, on Page 229, Line 11, Delete “, since there are up to eight repetitions and up to eight secure LTF sequences within a repetition” |
| 5415 | 27.3.18c.3 | 230 | The justification for sixty-four LTF sequence in an NDP is only valid for a single user case. For multi-user cases, the justification no longer holds. In practice, there is no reason to justify the choice of sixty-four secure LTF sequences in the standard | Remove ", since there are up to eight repetitions13 and up to eight secure LTF sequences within a repetition" | **Revised**There is a typo in the Proposed Change.TGaz Editor, on Page 230, Line 15, Delete “, since there are up to eight repetitions and up to eight secure LTF sequences within a repetition” |
| 5416 | 27.3.18c.4 | 232 | The justification for sixty-four LTF sequence in an NDP is only valid for a single user case. For multi-user cases, the justification no longer holds. In practice, there is no reason to justify the choice of sixty-four secure LTF sequences in the standard | Remove ", since there are up to eight repetitions13 and up to eight secure LTF sequences within a repetition" | **Revised**There is a typo in the Proposed Change.TGaz Editor, on Page 232, Line 5, Delete “, since there are up to eight repetitions and up to eight secure LTF sequences within a repetition” |
| 5417 | 27.3.18e | 235/8 | The text "The first six pseudo random octets are used in the construction of the pseudo random phase rotations" is incorrect. Actually, the first seven pseudo random octets are used to construct the pseudo random phase rotations | Change "first six" to "first seven" | **Accepted** |