IEEE P802.11
Wireless LANs

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| Comment Resolution for CID 7146 |
| Date: 2022-3-23 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Ali Raissinia | Qualcomm Inc. |  |  | alirezar@qti.qualcomm.com |
| Steve Shellhammer | Qualcomm Inc. |  |  | sshellha@qti.qualcomm.com |

Abstract

This document proposes resolution for CID 7146

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| **CID** | **Clause Number(C)** | **Page(C)** | **Line(C)** | **Comment** | **Proposed Change** | **Resolution** |
| **7146** | **27.3.18f** | **249** | **9** | **Does HE (TB) NDP ranging support 80+80 MHz? I assume not as 27.3.18a.4 does not describe secure HE-LTF sequence for 80+80 MHz.** | **Delete "or CBW80+80"** | Revised TGaz editor make the changes identified below in 11-22-0505-00-00az Comment resolution for CID7146 <https://mentor.ieee.org/802.11/dcn/21/11-22-0505-00-00az-comment-resolutions-for-cid7146>.docx |

Discussion for CID 7146

The commenter has identified that the draft specification doesn’t include specification text for 80+80 MHz Secure LTF and suggests removing the 80+80 MHz option for the Secure LTF operation. The resolution below, alternatively, suggests specification modification to include 80+80 MHz Secure LTF operation instead.

**Resolution for CID 7146: TGaz editor change 802.11az D4.0 P.245 L.1 as follows:**

**27.3.18a.3.4 Randomized LTF sequence for the 160 MHz secure NDP and for the 80+80 MHz secure NDP**

This subclause describes the mapping of pseudorandom octets to the nonzero entries of either the 160 MHz secure 2x LTF sequence, or the 80+80 MHz secure 2x LTF sequence, and then the construction of the 64-QAM values for each nonzero entry of the secure LTF sequence.

The construction of either the 160 MHz secure LTF sequence, or the 80+80 MHz secure LTF sequence, uses a segment parser to divide the pseudorandom octets between the sequence for the lower 80 MHz segment and the sequence for the upper 80 MHz segment. Figure 27-46g (Segment parser distributing pseudorandom octets to the sequences for the lower and upper 80 MHz segments in either the 160 MHz secure LTF, or the 80+80 MHz secure LTF) illustrates the segment parser distribution of pseudorandom octets between the sequence for the lower 80 MHz segment and the sequence for the upper 80 MHz segment.

**Resolution for CID 7146: TGaz editor change 802.11az D4.0 P.245 L.15 as follows:**

**Figure 27-46g—Segment parser distributing pseudorandom octets to the sequences for the lower and upper 80 MHz segments in either the 160 MHz secure LTF**, or the 80+80 MHz secure LTF

**Resolution for CID 7146: TGaz editor change 802.11az D4.0 P.246 L.3 as follows:**

All entries in the 160 MHz secure LTF sequence, or the 80+80 secure LTF sequence, other than the nonzero entries shall be set to 0.

**References:**

**[1] Draft P802.11az\_D4.1**