IEEE P802.11
Wireless LANs

|  |
| --- |
| LB266 CR on Scrambler |
| Date: 2022.11 |
| Author(s): |
| Name | Company | Address | Phone | email |
| Chenchen Liu | Huawei Technologies | Huawei Base, Bantian, Longgang, Shenzhen, Guangdong, China, 518129 |  | liuchenchen1@huawei.com |
|  |  |  |  |
|  |  |  |  |

Abstract

This submission proposes resolutions of comments received from TGbe comment collection LB266 based on TGbe D2.0.

10152 10176 11291 (3 CIDs)

|  |  |
| --- | --- |
| R0 | Initial revision |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 10152 | 36.3.13.2 | 704.55 | Compared with Data scrambler for HE PPDU as shown in Figure 17-7, Data scrambler for EHT PPDU, as shown Figure 36-50, has the similar structure. However, in NOTE 1 below Figure 17-7, the 127-bit sequence generated repeatedly by the scrambler includes 7 initialization bits (all 1s) at the rightmost side. While in NOTE below Figure 36-50, the 2047-bit sequence generated repeatedly by the scrambler includes 11 initialization bits (all 1s) at the leftmost side.For consistency with Data scrambler for HE PPDU, suggest to change the position of the 11 initialization bits (all 1s) in the 2047-bit sequence generated repeatedly by the EHT PPDU Data scrambler, i.e. from the leftmost side to the rightmost side of the scrambling sequence. | as in comment.For consistency with Data scrambler for HE PPDU, suggest to change the position of the 11 initialization bits (all 1s) in the 2047-bit sequence generated repeatedly by the EHT PPDU Data scrambler, i.e. from the leftmost side to the rightmost side of the scrambling sequence | RejectedThe scrambler sequence is correct since we have a switch to change the input during the initialization process. |
| 10176 | 36.3.13.1 | 705.22 | cannot find how the MU-RTS is scrambled. add a sentence after the end of this paragraph. E.g. "The seven LSB bits are used to initialize the scrambler of the non-HT PPDU response to MU-RTS" | as in the comment | Revised***TGbe editor: Please add*** "Note-The seven LSB bits are used to initialize the scrambler of the non-HT PPDU response to MU-RTS" after the end of this paragraph at line 705.22. |
| 11291 | 36.3.13.2 | 705.19 | "the first seven initialization bits as shown in Figure 36-50 (Data scrambler)". Figure 36-50 does not shown B0-B6. | Clarify text or figure | Revised***TGbe editor: Please delete “***(B0-B6)***” in 705.19*** |

**Discussion**

