IEEE P802.11
Wireless LANs

|  |
| --- |
| Clause 31.2.3 comment resolution for LB-254 |
| Date: 2021-08-16 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Joseph LEVY | InterDigital, Inc. | 111 W 35th St., NY, New York | +1 631.622.4239 | joseph.levy@interdigital.com |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document provides proposed comment resolutions for clause 31.2.3 CIDs submitted in response to the 802.11 TGbd D2.0 WG letter ballot #254. CIDs: 2001, 2002, 2161, and 2162.

The comments are available in: <https://mentor.ieee.org/802.11/dcn/21/11-21-1296-00-00bd-tgbd-lb254-comments.xlsx>.

Status: Highlighting in CID column indicates the status of the discussion on the CID:

Not Discussed (not highlighted)

Discussed additional discussion required (date of discussion(s) is(are) located below CID number)

Discussed / ready for SP (date of discussion(s) is(are) located below CID number)

SP run / ready for Motion (date of the SP is located below the date of discussion)

Motioned (date of Motion is located below the date of the SP)

Resolution Status: Highlighting in the Resolution column indicates:

Yellow highlighted text needs to be discussed

Red highlighted text has been discussed and additional discussion is required

**CIDs for Clause 31.2.3, Page 57, lines 40 and 65:**

|  |  |  |  |
| --- | --- | --- | --- |
| **CID** | **Comment** | **Proposed Change** | **Resolution** |
| 2001 | The maximum PPDU duration for 11bd is doubled from 5.484 ms to 10.968 ms, need to update all entries for "Maximum NGV MPDU length" that do not reach the 7991 limit. | As in the comment. | Rejected - Table 31-1 provides the maximum MPDU length for a maximum PPDU duration of 5 484 µs, as described in the note at the bottom of the table. Therefore, the values should not be updated to consider the doubled duration.Note to the editor: please ensure that the Note following Table 31-1 is formatted so that it is clear the note refers to the table.  |
| 2002 | MCS10 has been re-index to MCS15 in PHY. Need to update accordingly. | As in the comment. | Agreed |
| 2161 | In Table 31-1 the last row shows value "10" for NGV-MCS, but in clause 32.5 NGV-MCS Index "10" is always reserved. It should be NGV MCS index "15". Replace "10" with "15" | as in comment | Agreed |
| 2162 | In Table 31-1 in the last row shows value "N/A" for NGV-MCS Index "10" (Clause 32.5 NGV-MCS Index 15) and 2SS with 10 or 20 MHz, but in Clause 32.5 values are applicable. Hence, replace "N/A" in the column "2SS 10 MHz" with 2262 and in the column "2SS 20 MHz" with 4524. | as in comment | Agreed |

The table should be updated as shown below:

**Table 31-1—Maximum NGV MPDU length**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NGV-MCS** | **1SS 10 MHz****(octets)** | **2SS 10 MHz****(octets)** | **1SS 20 MHz****(octets)** | **2SS 20 MHz****(octets)** |
| 0 | 2262 | 4524 | 4524 | 7991 |
| 1 | 4455 | 7991 | 7991 | 7991 |
| 2 | 6717 | 7991 | 7991 | 7991 |
| 3 | 7991 | 7991 | 7991 | 7991 |
| 4 | 7991 | 7991 | 7991 | 7991 |
| 5 | 7991 | 7991 | 7991 | 7991 |
| 6  | 7991 | 7991 | 7991 | 7991 |
| 7 | 7991 | 7991 | 7991 | 7991 |
| 8  | 7991 | 7991 | 7991 | 7991 |
| 9  | N/A | N/A | 7991 | 7991 |
| 15 (2002, 2161)  | 1096 | 2262 (2162) | 2193 | 4524 (2162) |

**References:**