IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Additional Comment Resolution for NGV Data Field (Section 32.3.8) | | | | |
| Date: 2020-09-15 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | Email |
| Rui Cao | NXP | 350 Holger Way, San Jose,CA |  | [rui.cao\_2@nxp.com](mailto:rui.cao_2@nxp.com) |

Abstract

This submission proposes resolutions for comments received on Section 32.3.6 Mathematical description of signals in TGbd D0.3. The following is the list of CIDs:

* 170, 324, 325, 326, 288

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 170 | 32.3.8.5 | 53.01 | Do we have more than one encoder? | Please clarify. | Revised.  Sec. 32.3.8.5 (Stream parser) is revised in 11-20/0901r1. The referred text no longer exists. |
| 324 | 32.3.8.1 | 51.50 | In Equation (21-62), APEP\_LENGTH is not defined yet. TXVECTOR parameter APEP\_LENGTH should be defined in Table 32-1 (TXVECTOR and RXVECTOR parameters) | as in comment | Revised  APEP\_LENGTH is already added to Table 32-1 (TXVECTOR and RXVECTOR parameters) in 11-20/0790r3. No further change is needed. |
| 325 | 32.3.8.1 | 51.44 | In Equation (32-29), PSDU\_Length should be PSDU\_LENGTH, all capital letters and not italic | as in comment | Revised  The resolution is already included in 11-20/0901r1 without tracked changes. Please see changes in 11-20/1491r2. |
| 326 | 32.3.8.1 | 51.48 | PSDU\_Length should be PSDU\_LENGTH, all capital letters and not italic | as in comment | Revised  The resolution is already included in 11-20/0901r1 without tracked changes. Please see changes in 11-20/1491r2. |
| 288 | 32.3.7.2.4 | 44.4 | where is the definition of dot11CurrentChannelWidth? dot11CurrentChannelWidth should be defined in 32.3 (PHY MIB) with NGV PHY MIB attributes | make a table called NGV PHY MIB attributes and define it | Revised  The NGV PHY MIB is already resolved in 11-20/0790r3. Please refer ot the resolution in 11-20/0790r3. |

*TGbd Editor: Please make the following changes (in red) in Section 32.3.8 of D0.3.*

32.3.8 Data field

32.3.8.1 General

The number of OFDM symbols in the Data field is determined by the Length field in L-SIG (see Equation (32-8)), the preamble duration and the setting of the NGV-LTF and Midamble field in NGV-SIG (see 32.3.7 (NGV preamble)).

For LDPC encoding, the Data field shall consist of the SERVICE field, the PSDU, and the PHY pad bits.

The padding flow is as follows. The MAC delivers a PSDU that fills the available octets in the Data field of the PPDU. The PHY determines the number of pad bits to add and appends them to the PSDU. The number of pad bits added will always be 0 to 7. The PHY padding bits are calculated using Equation (32-29).

(32-29)

where

is defined in 32.4.3 (TXTIME and PSDU\_LENGTH calculation)

is given by Equation (21-62) with .