IEEE P802.11
Wireless LANs

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| --- |
| Comment Resolution D0.3 CID0099 |
| Date: 2020-05-21 |
| Author(s): |
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|  |  |  |  |  |

Abstract

Comment Resolution for 802.11bd D0.3 CID 0099 – addition of the PICS (appendix B)

Revision 0: 2020-05-21

**Comment:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CID | Draft | Type of Comment | Page | Line | Clause | Comment | Proposed Change | Resolution |
| 99 | 0.3 | G |  |  |  | Annex B (PICS) is missing. | Add Annex B (PICS) for NGV functions |  |

Commenter did not propose a resolution. A proposed resolution is below:

Add the following new rows to the bottom of table B.4.3

**Table B.4.3 IUT Configuration**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **IUT configuration** | **References** | **Status** | **Support** |
| .. | .. | .. | .. | .. |
| CFNGV5 | Next Generation V2X (NGV) Operation in 5.9GHz band | 31.2 | O | Yes  No  N/A  |
| CFNGV60 | Next Generation V2X (NGV) Operation in 60GHz band | 31.3 | O | Yes  No  N/A  |

Add the following rows into Table B4.6

**B.4.6 OFDM PHY functions**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Feature** | **References** | **Status** | **Support** |
| .. | .. | .. | .. | .. |
| OF4: PHY Transmit Specification |
| .. | .. | .. | .. | .. |
| \*OF4.1.8 | Power Level (5.580-5.950), Class C2 | D2.2 (Transmit power levels) | CFNGV5:O | Yes  No  N/A  |
| ... | .. | .. | .. | .. |
| OF4.15.5 | Spectrum mask, Class C2 (20 MHz channel spacing) | D2.3 (Transmit spectrum mask) | CFNGV5:O | Yes  No  N/A  |

Add a new clause after B.4.32

**B.4.X NGV features**

**B4.X.1 NGV PHY features**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Protocol capability | References | Status | Support |
| NGV1.1 | 10MHz operation in 5.9GHz band | 32.3 (Parameters for NGV-MCSs) | CFNGV5:M | Yes  No  N/A  |
| NGV1.2 | 20MHz operation in 5.9GHz band | 32.3 (Parameters for NGV-MCSs) | CFNGV5:M | Yes  No  N/A  |
| NGV2.1 | NGV-MCS with Index 0-8 and *NSS* = 1 | 32.3 (Parameters for NGV-MCSs) | CFNGV5:M | Yes  No  N/A  |
| NGV2.2 | NGV-MCS with Index 0-10 and *NSS* = 1 | 32.3 (Parameters for NGV-MCSs) | CFNGV5:O | Yes  No  N/A  |
| NGV2.3 | NGV-MCS with Index 0-8 and *NSS* = 2 | 32.3 (Parameters for NGV-MCSs) | CFNGV5:M | Yes  No  N/A  |
| NGV2.4 | NGV-MCS with Index 0-10 and *NSS* = 2 | 32.3 (Parameters for NGV-MCSs) | CFNGV5:O | Yes  No  N/A  |
| NGV3.1 | TBD NGV feature in 60GHz | TBD | CFNGV60:M | Yes  No  N/A  |
| NGV3.2 | TBD NGV feature in 60GHz | TBD | CFNGV60:O | Yes  No  N/A  |
| NGV3.3 | TBD NGV feature in 60GHz | TBD | CFNGV60:O | Yes  No  N/A  |
| NGV4.1 | Spectrum mask, Class A (10 MHz channel spacing) | D.2.3 (Transmit spectrum mask) | CFNGV5:O | Yes  No  N/A  |
| NGV4.2 | Spectrum mask, Class B (10 MHz channel spacing) | D.2.3 (Transmit spectrum mask) | CFNGV5:O | Yes  No  N/A  |
| NGV4.3 | Spectrum mask, Class C (10 MHz channel spacing) | D.2.3 (Transmit spectrum mask) | CFNGV5:M | Yes  No  N/A  |
| NGV4.4 | Spectrum mask, Class C2 (20 MHz channel spacing) | D.2.3 (Transmit spectrum mask) | CFNGV5:O | Yes  No  N/A  |
| NGV4.5 | Spectrum mask, Class D (10 MHz channel spacing) | D.2.3 (Transmit spectrum mask) | CFNGV5:O | Yes  No  N/A  |

**B4.X.2 NGV MAC features**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Protocol capability** | **References** | **Status** | **Support** |
| NGVM1.1 | NGV operation in 5.9 GHz band | 31.2 (Operation in 5.9 GHz band) | CFNGV5:M | Yes  No  N/A  |
| NGVM1.2 | NGV operation in 60 GHz band  | 31.3 (Operation in 60GHz band) | CFNGV60:M | Yes  No  N/A  |
| NGVM2.1 | 20 MHz transmission fallback to 10 MHz | 31.2.2 (Channel scanning and transmission methods for 20 MHz OCB transmission) | CFNGV5:O | Yes  No  N/A  |
| NGVM2.2 | TBD | TBD | CFNGV60:O | Yes  No  N/A  |