IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Comment Resolution of Miscellaneous CIDs | | | | |
| Date: 2021-05-27 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Liwen Chu | NXP |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission resolve the following comments for subclause 5.3 of 802.11bd D1.0:

* 1018, 1222, 1493

Revisions:

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGax Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGax Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGax Editor: Editing instructions preceded by “TGax Editor” are instructions to the TGax editor to modify existing material in the TGax draft. As a result of adopting the changes, the TGax editor will execute the instructions rather than copy them to the TGax Draft.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1018 | 20 | 43 | "MPDU associated with the MSDU associated with the" | Too many associations which seem to not belong in either place. Please find appropriate terms related to MPDUs and MSDUs. E.g., contained. | Revised  TGbd editor to make change in 11-21/0903r1 under CID 1018 |
| 1222 | 37 | 27 | Given spectrum developments, especially from the FCC for the US, it is advisable if our standard is flexible to support NGV in bands other than 5.9 GHz and 60 GHz. In particular, the rules for operation in the 5.9 GHz band could be generalized for operation in bands below 10 GHz. | Change the heading of clause 31.2 from "Operation in 5.9 GHz band" to "Operation below 10 GHz" | Reject  Discussion: the 802.11bd PAR only allows the NGV operation in 5.9GHz band and 60GHz band:  This amendment defines modifications to both the IEEE 802.11 Medium Access Control layer (MAC) and Physical Layers (PHY) for vehicle to everything (V2X) communcations for 5.9 GHz band as defined in clauses E.2.3 and E.2.4 of IEEE Std 802.11™-2016; and, optionally, in the 60 GHz frequency band (57 GHz to 71 GHz) as defined in clause E.1 of IEEE Std 802.11™-2016. |
| 1493 | 37 | 27 | With the latest FCC Report and Order, and recognizing that there could be uses for this MAC/PHY in unlicensed spectrum, it would be good to add a new section describing the use of the NGV PHY in the 5 GHz band (possibly other bands like 2.4, but not likely 6 GHz). | Add a new subclause or modify this subclause to describe how an NGV STA could operate and coexist in an unlicensed band. (Commenter is willing to help with this specification) | Reject  Discussion: the 802.11bd PAR only allows the NGV operation in 5.9GHz band and 60GHz band: This amendment defines modifications to both the IEEE 802.11 Medium Access Control layer (MAC) and Physical Layers (PHY) for vehicle to everything (V2X) communcations for 5.9 GHz band as defined in clauses E.2.3 and E.2.4 of IEEE Std 802.11™-2016; and, optionally, in the 60 GHz frequency band (57 GHz to 71 GHz) as defined in clause E.1 of IEEE Std 802.11™-2016 |

***TGbd editor: Change subclause 5.3.1 as follows:***

**5.3.1 Radio Environment Request Vector**

(#1018) The radio environment request vector contains the following parameters pertaining to the transmission of the MPDU that contains the MSDU associated with the request containing the vector:

……