IEEE P802.11
Wireless LANs

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|  LB251 CIDs related to DMG STA with OCB operation |
| Date: 2021-1-11 |
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Abstract

This submission proposes resolution of comments related to 60 GHz operation from Comment Collection on TGbd Draft 1.0

4 CIDs: CIDs 1216, 1444, 1445, 1025

Revision history:

r0 initial

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Proposed Resolution** |
| 1216 | 9.4.1.46 | 27.20 | OCB is not actually a "BSS type". So, in Table 9-69 we should add a note to that effect | Below table 9-69 add "NOTE - OCB is not a BSS type, but rather an indication of communication outside the context of a BSS." | **Accepted**Agree with the commenter. |
| 1444 | 31.3.2 | 40.47 | Looks as if this might in fact be trying to say that those settings are mandatory | Change to "The STA shall set the Discovery Mode field set to 1, and the CBAP Onlyand CBAP Source subfields in the DMG Parameters field set to 1 and 0, respectively, in DMG Beacon frames." | **Revised**Agreed in principle with the commenter. We propose to apply the suggested text with removing duplicated “set”. |
| 1445 | 31.3.2 | 40.50 | Weird way to express a restriction | Change to "The STA shall not send Control frames of subtype CF-End, Poll, SPR, Grant, Grant Ack, Sector Ack, Block Ack Schedule or TDD Beamforming." | **Revised**The expression is intended to align with description in subclause 11.18 of REVmd. To clarify the relationship with suclause 11.18, we propose to add “permitted by 11.18” after “Control frames.” |
| 1025 | 31.3.2 | 40.48 | What types of control frames can be the STA send and under what conditions. | As in comment. | **Revised – propose the same resolution as CID1445**We propose the same resolution for CID1445 to clarify what types of control frames can be the STA send. The DMG/EDMG MAC speficification applies for operations with transimitting the frames. |

**Proposed changes to D1.1**

9.4.1.46 DMG Parameters field

***TGbd Editor: Add the NOTE to Table 9-69 in Draft P802.11bd D1.1 as follows (CID1216):***

**Table 9-69 – The BSS Type subfield when the Discovery mode field is 1**

|  |  |  |
| --- | --- | --- |
| **Subfield value** | **Responding STA role** | **Applicable BSS types** |
| 3 | AP | Infrastructure BSS |
| 2 | PCP | PBSS |
| 1 | Non-AP STA | PBSS, IBSS, OCB |
| 0 | Any | Infrastructure BSS, PBSS, IBSS, OCB |
| NOTE —OCB is not a BSS type, but rather an indication of communication outside the context of a BSS. (#1216) |

31.3.2 DMG STAs communicating Data frames outside the context of a BSS

***TGbd Editor: Change the first paragraph in 31.3.2 of Draft P802.11bd D1.1 as follows:***

**When dot11OCBActivated is true in a DMG STA, the following applies in addition to description in subclause 11.18 (STAs communicating Data frames outside the context of a BSS):**

1. **The STA may send DMG Beacon frames. The STA shall set~~with~~ the Discovery Mode field ~~set~~ to one, and the CBAP Only and CBAP Source subfields in the DMG Parameters field set to 1 and 0 respectively, in DMG Beacon frames. (#1444)**
2. **The STA may send Control frames permitted by Clause 11.18 (STAs communicating Data frames outside the context of a BSS)(#1445, 1025), except those of subtype Poll, SPR, Grant, Grant Ack, Sector Ack, Block Ack Schedule and TDD Beamforming.**

**Straw Poll:**

* **Do you agree to accept the comment resolution for CIDs 1216, 1444, 1445, 1025 in 21/0044r0?**

**References**

[1] Draft P802.11bd D1.1