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

r1 editorial changes to the CID/proposed resolution table to follow good practice in the comment resolution tutorial

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| --- | --- | --- | --- | --- | --- |
| **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** |
| 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”.TGbd Editor: Incorporate the change in <https://mentor.ieee.org/802.11/dcn/21/11-21-0044-01-00bd-lb251-cids-related-to-dmg-sta-with-ocb-operation.docx> for CID 1444.Note to editor: Same resolution for CID 1216. |
| 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.”TGbd Editor: Incorporate the change in <https://mentor.ieee.org/802.11/dcn/21/11-21-0044-01-00bd-lb251-cids-related-to-dmg-sta-with-ocb-operation.docx> for CID 1445. |
| 1025 | 31.3.2 | 40.48 | What types of control frames can be the STA send and under what conditions. | As in comment. | **Revised**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.TGbd Editor: Incorporate the change in <https://mentor.ieee.org/802.11/dcn/21/11-21-0044-01-00bd-lb251-cids-related-to-dmg-sta-with-ocb-operation.docx> for CID 1025.Note to editor: Same resolution for CID 1445. |

**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**

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| --- | --- | --- |
| **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