IEEE P802.11  
Wireless LANs

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| LB239 CH Access CIDs | | | | |
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Abstract

This document proposes resolution to LB239 CIDs on channel access.

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| 4326 | 246.33 | 10.40.11.2.1 | "An EDMG STA may transmit a Grant frame to a peer EDMG STA to indicate intent to transmit an EDMG 32 PPDU to the peer STA over a 4.32 GHz, 2.16+2.16 GHz, 6.48 GHz, 4.32+4.32 GHz, or 8.64 GHz channel 33 at the time indicated by the sum of the Allocation Duration field and the Duration field within the Grant 34 frame following the end of the Grant frame transmission as described in 9.5.2.". why is 2.16 GHz not included. We may be fine with frequency, but we still may need to chagne the DMG antenna configuration. | Add 2.16 GHz |

Proposed Resolution: **Reject**

**Discussion:**

2.16 GHz is not excluded. Using a Grant to allocate time for a future transmission is a legacy behaviour already allowed in the baseline (9.5.2). The issue of antenna configuration is not new, it was already present in 11ad. The behaviour described here is specific to bandwidth setting for devices that want to maintain narrow bandwidth until the indicate time. There is no point in using the control trailer as described in this subclause for 2.16GHz, the fields there are not needed when grant is used. Use of grant for MIMO channel access is covered in 10.40.11.4.2.

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| 4144 | 249.06 | 10.40.11.4.2 | "all the MIMO TX antennas" - I think the intent is the MIMO TX DMG antennas, or even better the MIMO RX DMG antennas correspoding to the MIMO TX DMG antennas | replace "all the MIMO TX antennas" with "all the MIMO RX DMG antennas corresponding to the MIMO TX DMG antennas" |

Proposed Resolution: **Accept**

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| --- | --- | --- | --- | --- |
| 4195 | 414.00 | 29.3.3.2.4.1 | The coding in Table 54 can be reused for Table 51 to pack more combinations and for consistency. | - Propose to use the combinations for codes 10, 11, 12, 14 of Table 54 for codes 1001, 0101, 1101, 0011 of Table 51 respectively. - Similary use the combination of the codes 15, 16, 19 of Table 54 for codes 1011, 0111, 1111 Table 51. (just add "3-4 and 7-8" to code 1111 of Table 51) |

Proposed Resolution: **Reject**

**Discussion:**

The difference between the two tables is that table 54 has 21 entries and full covers channels 1-8 while table 51 has 16 entries (limited to 4 bits) and is optimized to cover channels 1-6. While the difference between them can be slightly lower, there is not point in doing that since they cannot be made to be extension of each other.

**References:**