IEEE P802.11
Wireless LANs

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| Comment Resolution on A-PPDU |
| Date: 2018-5-24 |
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Abstract

This submission proposes resolution of comment CID 1099 received from LB# 231 (TGay Draft 1.0) on clause 10.15 DMG A-PPDU operation

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| **CID** | **Page Number** | **Line Number** | **Comment** | **Proposed Change** | **Proposed Resolution** |
| 1099 | 112 | 34 | In practice there are two A-PPDU formats: DMG A-PPDU and EDMG A-PPDU. The text presented in 10.15 need to distinguish between the two and be clearer of what can be done and what is not.Below rule should be clearer, the text should state a rule regarding transmitting EDMG PPDUs in DMG A-PPDU format. Having both non-EDMG and EDMG PPDUs in EDMG-APPDU is not possible per the EDMG A-PPDU format as described in 30.3.2.2."A non-EDMG PPDU and an EDMG PPDU shall not be included in the same A-PPDU." | All EDMG PPDUs within an EDMG A-PPDU shall have the ADD-PPDU parameter of the TXVECTOR set to NO-ADD-PPDU. All EDMG PPDUs within an EDMG A-PPDU shall have the EDMG\_ADD\_PPDU parameter of the TXVECTOR set to ADD-PPDU, except forthe last PPDU in the EDMG A-PPDU that shall have this parameter set to NO-ADD-PPDU. A non-EDMG PPDU and an EDMG PPDU shall not be included in the same DMG A-PPDU.DMG A-PPDU shall not include EDMG PPDU. | **Revised**EDMG A-PPDU capability indication is also also missed, suggest adding the indication for clearer EDMG A-PPDU operation.  |

**Proposed changes to D1.0:**

*TGay Editor: Changing Figure 24 and adding one paragraph after L19P56 of clause 9.4.2.250.1 as follows：*

9.4.2.250.1 General

B0 B6 B7 B18 B19 B42 B43 B44 B47

A-MPDU Parameters

TRN Parameters

Supported MCS

Reserved

EDMG A-PPDU

Bits: 7 12 24 1 4

**Figure 24 —Core Capabilities field format**

**……**

The EDMG A-PPDU subfield is set to 1 to indicate that the STA can receive EDMG A-PPDU. Otherwise, it is set to 0.

*TGay Editor: Changing the title and first 3 paragraphs of clause 10.15 as follows:*

10.15 DMG A-PPDU and EDMG A-PPDU operation

A DMG STA is DMG aggregate PPDU (A-PPDU) capable if the A-PPDU supported field within the STA’s DMG Capabilities element is 1. Otherwise, the STA is non-DMG A-PPDU capable.

An EDMG STA is EDMG A-PPDU capable if the EDMG A-PPDU field within the STA’s EDMG Capabilities element is 1. Otherwise, the STA is non-EDMG A-PPDU capable.

A DMG STA shall not transmit a DMG A-PPDU to a non-DMG A-PPDU capable STA. An EDMG STA shall not transmit an EDMG A-PPDU to a non-EDMG A-PPDU capable STA.

All PPDUs within a DMG A-PPDU shall have the ADD-PPDU parameter of the TXVECTOR set to ADD-PPDU, except for the last PPDU in the DMG A-PPDU that shall have this parameter set to NO-ADD-PPDU. EDMG PPDUshall have the ADD-PPDU parameter of the TXVECTOR set to NO-ADD-PPDU. All PPDUs within an EDMG A-PPDU shall have the EDMG\_ADD\_PPDU parameter of the TXVECTOR set to ADD-PPDU, except for the last PPDU in the EDMG A-PPDU that shall have this parameter set to NO-ADD-PPDU. A non-EDMG PPDU and an EDMG PPDU shall not be included in the same A-PPDU.

**Straw Poll/Motion:**

* **Do you agree to accept the comment resolution for CID1096 as proposed in doc 11-18/1018r0?**