IEEE P802.11
Wireless LANs

|  |
| --- |
| Comment Resolution on transmission bandwidth of EDMG A-PPDU |
| Date: 2017-7-11 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Takenori Sakamoto | Panasonic | 600 Saedo-cho, Tsuzuki-ku, Yokohama 224-8539, Japan |  | sakamoto.takenori@jp.panasonic.com |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolution of comment received from TGay comment collection (TGay Draft 0.35).

* 1 CID: 302

Revisions:

* Rev 0: Initial version of the document.

**Introduction:**

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 TGay Draft. The introduction and the explanation of the proposed changes are not part of the adopted material.

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Page | Line | Comment | Proposed Change | Resolution |
| 302 | 102 | 2 | the desciption of the transmission bandwidth does not include Data0. | please fix it | AcceptedTGay editor to make the changes shown in 11-17-1056-00-00ay. |

**Discussion:** None

**Propose:**

Revised for 1 CID 302 as per discussion and editing instructions in 11-17-1056-00-00ay.

1. * + 1. EDMG A-PPDU format

*Change subclause 30.3.2.2 as follows (CID 302):*

In an EDMG A-PPDU, EDMG-Header-B is not present and the Data field is formatted as shown in Figure 62. Each ~~Data~~*~~i~~*$Data\_{i\_{PPDU}}$ field (~~0~~1 ≤ *~~i~~iPPDU* ≤ ~~N~~NPPDU, where *iPPDU* represents the index number of the *iPPDU*th EDMG PPDU and NPPDU represents the total number of EDMG PPDUs aggregated into an EDMG A-PPDU) represents a PSDU being aggregated into the A-PPDU. The EDMG-Header-A field preceding a Data field describes the characteristics of the PSDU contained in the Data field.



2

3

3

2

1

1

1

1. —Example EDMG A-PPDU format for NCB=2

In an A-PPDU, the transmission bandwidth of each EDMG-Header-$A\_{i\_{PPDU}}$~~A~~*~~i~~* field and ~~Data~~*~~i~~*$Data\_{i\_{PPDU}}$ field, for ~~1~~2 ≤ *~~i~~iPPDU* ≤ ~~N~~NPPDU, shall be the same. For *iPPDU* = 1, EDMG-Header-A1 field shall be transmitted over a 2.16GHz channel for NCB=1 or using 4.32GHz, 6.48GHz or 8.64GHz non-EDMG duplicate mode for 2 ≤ NCB ≤ 4. Data1 field shall be transmitted over a 2.16GHz, 4.32GHz, 6.48GHz or 8.64GHz channel for 1 ≤ NCB ≤ 4.

**References:**

1. Draft P802.11ay\_D0.35

**Straw Poll:**

* Do you agree to accept the resolution on transmission bandwidth of EDMG A-PPDU proposed in 11-17-1056-00-00ay?