IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Proposed Change to the Resolution to CID 9551 | | | | | | Date: 2017-09-07 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Yasuhiko Inoue | NTT | 1-1 Hikari-no-oka, Yokosuka, Kanagawa 239-0847 Japan | ++81 46 859 5097 | [inoue.yasuhiko@lab.ntt.co.jp](mailto:Ron.porat@broadcom.com) | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes a change to the resolution to CID 9551 in document 17/0648r3.

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 TGax Draft. This introduction is not part of the adopted material.

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

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

**Current resolution to CID 9551 in 17/648r3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Page** | **Line** | **Clause** | **Comment** | **Proposed Change** |
| 9551 | Yasuhiko Inoue | 275.08 | 28.3.10.7.2 | Table 28-16 B8 of HE-SIG-A2 (HE SU PPDU) or HE-SIG-A3 (HE extended range SU PPDU):  "Indicates the presence of the extra OFDM symbol for LDPC.  Set to 1 if an extra OFDM symbol for LDPC is present  Set to 0 if an extra OFDM symbol for LDPC is present ..."  Value 1 or 0 should indicate that an extra OFDM symbol for LDPC is not present. | As in the comment. | Revised  See resolution to comment 8917 |

**Discussion:**

CID 8917 is about the coding of B11 of the HE-SIG-A2 for an HE MU PPDU (Table 28-17 in D1.0) while CID 9551 is for B8 of HE-SIG-A2 for an HE SU PPDU and HE extended range SU PPDU (Table 28-16 in D1.0).

In 802.11ax D1.4, relevant part of the draft is

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Two Parts of HE-SIG-A | | Bit | | Field | | Number of bits | | Description | |
| … | | … | | … | | … | | … | |
| HE-SIG-A2 (HE SU PPDU) or HE-SIG-A3 (HE ER SU PPDU) | | … | | … | | … | | … | |
|  | | B8 | | LDPC Extra Symbol Segment | | 1 | | Indicates the presence of the extra OFDM symbol segment(#8911) for LDPC.  Set to 1 if an extra OFDM symbol segment(#8911) for LDPC is present  Set to 0 if an extra OFDM symbol segment(#8911) for LDPC is present  Reserved and set to 1 when the Coding field is 0. | |
|  | | … | | … | | … | | … | |

The current spec for B8 of HE-SIG-A2 (HE SU PPDU) or HE-SIG-A3 (HE ER SU PPDU) is:

Indicates the presence of the extra OFDM symbol segment(#8911) for LDPC.

Set to 1 if an extra OFDM symbol segment(#8911) for LDPC is present

Set to 0 if an extra OFDM symbol segment(#8911) for LDPC is present

Reserved and set to 1 when the Coding field is 0.

**Proposed resolution to CID 9551**

|  |  |  |  |  |  |  |
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| **CID** | **Commenter** | **Page** | **Line** | **Clause** | **Comment** | **Proposed Change** |
| 9551 | Yasuhiko Inoue | 275.08 | 28.3.10.7.2 | Table 28-16 B8 of HE-SIG-A2 (HE SU PPDU) or HE-SIG-A3 (HE extended range SU PPDU):  "Indicates the presence of the extra OFDM symbol for LDPC.  Set to 1 if an extra OFDM symbol for LDPC is present  Set to 0 if an extra OFDM symbol for LDPC is present ..."  Value 1 or 0 should indicate that an extra OFDM symbol for LDPC is not present. | As in the comment. | Revised  Agreed in principle.  Coding for B8 of HE-SIG-A2 (HE SU PPDU) or HE-SIG-A3 (HE ER PPDU) shall be modified.  TGax editor to make changes in 11-17/1383r0. |

***TGax Editor: Please change the text in Description for the B8 of HE-SIG-A2 in Table 28-17 in 802.11ax D1.4 as follow:***

Indicates the presence of the extra OFDM symbol segment(#8911) for LDPC.  
Set to 1 if an extra OFDM symbol segment(#8911) for LDPC is present.  
Otherwise set to 0(#9551).  
Reserved and set to 1 when the Coding field is 0.