IEEE P802.11
Wireless LANs

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| TX-RX Vector for scrambler field indication |
| Date: 2017-08-15 |
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Abstract

Scrambler field indication is added to Tx Vector and Rx Vector, CID 466

**30.2.2 TXVECTOR and RXVECTOR parameters**

*Editor, in the Table 8 replace parameter CONTROL\_TRAILER by parameter SCRAMBLER\_INIT\_SETTING*

**Table 8 —TXVECTOR and RXVECTOR parameters**

 

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SCRAMBLER\_INIT\_SETTING | Format is NON\_EDMG | Indicates the configuration of the Scrambler Initialization field of a control mode PPDU (see Table 17)Enumeration type:Scrambler Control\_trailerEDMG-Header-AChannel\_BW (code per Table 18) | Y | Y |
| Otherwise  | Scrambler |  |  |

**10.36.7.2 Polling period (PP)**

*Editor, in all appearances replace “TXVECTOR parameter CONTROL\_TRAILER to Present” by “TXVECTOR parameter SCRAMBLER\_INIT\_SETTING to Control\_trailer”*

**10.36.11.5 Control trailer**

*Editor, in all appearances replace “TXVECTOR parameter CONTROL\_TRAILER to Present” by “TXVECTOR parameter SCRAMBLER\_ INIT\_SETTING to Control\_trailer”*

**10.36.11.4.3 SU-MIMO channel access procedure**

*Editor, in all appearances replace “TXVECTOR parameter CONTROL\_TRAILER to Present” by “TXVECTOR parameter SCRAMBLER\_ INIT\_SETTING to Control\_trailer”*

**30.3.7 Control trailer**

*Editor, in all appearances replace “TXVECTOR parameter CONTROL\_TRAILER to Present” by “TXVECTOR parameter SCRAMBLER\_ INIT\_SETTING to Control\_trailer”*

**10.3.2.7 CTS and DMG CTS procedure**

*Editor, at P50L16 append*

If a DMG CTS frame or a DMG DTS frame is transmitted in a non-EDMG duplicate PPDU to establish a SISO transmission (CH\_BANDWIDTH\_IN\_NON\_EDMG equal to one of CBW216, CBW432, CBW638, CBW864, or CBW216+216), the transmitting EDMG STA shall set the TXVECTOR parameter SCRAMBLER\_ *INIT\_SETTING* to Channel\_BW.

**10.3.2.14 EDMG RTS procedure**

*Editor, at P50L28 append*

If a RTS frame is transmitted in a non-EDMG duplicate PPDU to establish a SISO transmission (CH\_BANDWIDTH\_IN\_NON\_EDMG equal to one of CBW216, CBW432, CBW638, CBW864, or CBW216+216), the transmitting EDMG STA shall set the TXVECTOR parameter SCRAMBLER\_ *INIT\_SETTING* to Channel\_BW.

**References:**

1. IEEE P802.11ay/D0.5, August 2017