IEEE P802.11
Wireless LANs

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| LB258: Resolution for CID 2349 |
| Date: 2022-05-05 |
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This submission includes the resolution of CID 2349 for P802.11-REVme D1.0. The baseline document is P802.11-REVme D1.2.

##### Revision history:

##### R0 – initial version

**CID: 2349**

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| --- | --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change | Proposed resolution |
| 2349 | 28.2.2 | 4537 | 54 | "the example "01001000" is not the case of "a single bit equal to 1" | Remove "01001000" | REVISEDTGm editor: Please revise the text in subclauses 28.2.2 in 802.11REVme D1.2as suggested in 11-22/0706r0. |

***Discussion:***

CH\_BANDWIDTH and CH\_AGGREGATION are the TXVECTOR and RXVECTOR parameters specified in Subclause 28.2.2 (as shown below in P802.11-REVme D1.0). The CH\_BANDWIDTH parameter is a bit map, in which a bit equal to “1” represents an operating 2.16 GHz channel. The text in P4537L54-55 in P802.11-REVme D1.0 is not fully correct, in which in the second example “01001000”, the number of bits equal to “1” is two rather than one. In addition, for this example the CHANNEL\_AGGREGATION parameter should be set to AGGREGATE to specify that this is a channel aggregation of 2.16 + 2.16 GHz.



*TGm Editor: please revise the text in P4539L54-55 in P802.11-REVme D1.2 as following.*

**28.2.2 TXVECTOR and RXVECTOR parameters**

The parameters in Table 28-1 (TXVECTOR and RXVECTOR parameters(11ay)) are defined as part of the TXVECTOR parameter list in the PHY-TXSTART.request primitive and/or as part of the RXVECTOR parameter list in the PHY-RXSTART.indication primitive.

The *NCB* parameter represents the number of contiguous (i.e., bonded) 2.16 GHz channels used for a

transmission. The value of the CH\_BANDWIDTH and CHANNEL\_AGGREGATION parameters in the TXVECTOR and RXVECTOR define the value of the *NCB* parameter in the EDMG PHY definition

throughout this clause as follows:

— If the CH\_BANDWIDTH parameter has a single bit equal to 1 (e.g., “01000000”) or if the CH\_BANDWIDTH parameter has two non-continguous bits equal to 1 (e.g., “01001000”) and the CH\_AGGREGATION parameter is set to AGGREGATE, then *NCB* is set to 1.

— If the CH\_BANDWIDTH parameter has two contiguous bits each of which is equal to 1

 (e.g., “01100000”) and the CHANNEL\_AGGREGATION parameter is set to AGGREGATE, then *NCB* is set to 1. Otherwise, if the CHANNEL\_AGGREGATION parameter is set to NOT\_AGGREGATE, then *NCB* is set to 2.