IEEE P802.11
Wireless LANs

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| Occupied bandwidth clarification  |
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Abstract

Clarification of occupied bandwidth definition

Discussion:

*The defined rule states:*

*“The occupied bandwidth of a PPDU transmitted by a TXOP owner may be smaller than the occupied bandwidth of the last PPDU, if any, transmitted by the TXOP owner in the same TXOP. In this case, the PPDU that reduces the occupied bandwidth shall be an EDMG PPDU. “*

*A purpose of the rule is to eliminate sending frames in SC duplicate mode that does not provide channel with indication at the moment the channel width is changed. The requirement is too restrictive than needed to provide expected behaviour.*

*I suggest to change the definition to allow sending anything that provide clear channel width information.*

**10.36.11.2 Channel access over multiple channels**

*Editor, change the text at P49L14 as follows:*

The occupied bandwidth of a PPDU transmitted by a TXOP owner may be smaller than the occupied bandwidth of the last PPDU, if any, transmitted by the TXOP owner in the same TXOP. In this case, the PPDU that reduces the occupied bandwidth shall not be a non-EDMG PPDU for which the RXVECTOR of the PPDU indicates the estimated channel bandwidth but no other indication of the occupied channel bandwidth of non-EDMG PPDU is indicated.

NOTE - The RXVECTOR of a PPDU sent in the non-EDMG duplicate mode of SC modulation class provides estimated channel bandwidth, but does not provide the occupied channel bandwidth indication.

**Reference:**

1. **Candidate Draft P802.11ay\_D0.2**

**SP/Motion**

Do you agree to include the text changes to occupied bandwidth as defined in Doc:

11-17-0413-00-00ay Occupied bandwidth clarification?