IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | CR Disallowed Subchannels | | | | | | Date: 2019-06-04 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Matthew Fischer | Broadcom |  |  | [Matthew.fischer@broadcom.com](mailto:Matthew.fischer@broadcom.com) | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

Proposed language to address two CIDs from LB 238 D4.0 relating to disallowed subchannels

The CIDS are 20106 and 21327

Changes are referenced to TGax D4.2.

**REVISION NOTES:**

**R0**:

Initial

**END OF REVISION NOTES**

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.***

**CIDs**

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| --- | --- | --- | --- | --- | --- | --- |
| 20106 | Alfred Asterjadhi | 9.3.1.19 | 102.32 | The description of the Disallowed Subchannel Bitmap subfield seems to long. Suggest to compress the description a little bit. Also "is not disallowed" I am guessing can be replaced with "is allowed". | As in comment. | Reject – a careful reading of the description of the subfield indicates that the paragraph contains no more and no less than what is needed to provide a complete and accruate description of the subfield. As to the suggestion to use “allowed” in place of the phrase “is not disallowed”, this cannot easily be done, as there is a definition for disallowed, but there is not a complimentary definition of allowed. |
| 21327 | Robert Stacey | 26.11.7 | 410.11 | The INACTIVE\_SUBCHANNELS statement needs to be nomrative. | The parameter INACTIVE\_SUBCHANNELS may be present in the TXVECTOR of a non-HT duplicate PPDU that carries an HE NDP Announcement frame or of an HE sounding PPDU. The parameter INACTIVE\_SUBCHANNELS shall not be present otherwise. | Revise - TGax editor to make changes as shown in 11-19/1064r0 that are marked with CID 21327 which generally agree with the commenter’s suggestion to change the wording to be normative. |

**Discussion:**

Xxxx

**Proposed Changes to TGax D4.2:**

***TGax editor: within subclause 26.11.7 INACTIVE\_SUBCHANNELS and RU\_ALLOCATION of TGax D4.2, change the following text:***

**26.11.7 INACTIVE\_SUBCHANNELS and RU\_ALLOCATION**

The indication of which subchannels are punctured in an HE sounding NDP or in an HE NDP Announce-ment that is carried in a non-HT Duplicate PPDU is conveyed from the MAC to the PHY through the TXVECTOR parameters INACTIVE\_SUBCHANNELS and RU\_ALLOCATION. The parameter INACTIVE\_SUBCHANNELS may be present in the TXVECTOR of a non-HT duplicate PPDU that carries an HE NDP Announcement frame or of an HE sounding PPDU. The parameter INACTIVE\_SUBCHANNELS shall not be present otherwise. **(#21327)** The setting of the RU\_ALLOCATION parameter for other PPDUs is specified in 26.5.2.3.3 (TXVECTOR parameters for HE TB PPDU response to Trigger frame), 26.5.2.3.4 (TXVECTOR parameters for HE TB PPDU response to TRS Control subfield) and 26.5.7.2 (STA behavior).

**End of proposed changes.**