IEEE P802.11
Wireless LANs

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| Resolution for CID 2017 |
| Date: 2019-02-10 |
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##### This submission present proposed resolution for CID 2017. The proposed changes are based on REVmd/D2.1.

##### Revision history:

##### R0 – initial version

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| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 2017 | 20.3.1 | 3059 | 55 | The text "Channel starting frequency = 56.16 GHz" at laft bottom corner of Figure 20-1 is misleading since it is not related to any part of the drawing. | Move the text to the text below the graph, e.g. page 3060 line 5, or remove since it is stated in Annex E (as text points)! |

***Discussion:***

The figure and sentences of interest are shown below.





The figure and the corresponding text are updated per the motion M31. This change made to Clause 20 was made to align the "legacy" text with what we now have in P802.11ay, e.g., bridge the term “channel number” in Clause 20 and the term “channel index” in P802.11ay. However, as of now including the concept of channel index in Clause 20 will cause confusion because it is yet to roll-in P802.11ay amendment into the baseline.

In addition, given the FCC has uppered the frequency limit from 66 GHz to 71 GHz, there are 8, instead of 6, channels. Because of this, the value of the channel number is updated from “1, 2, 3, 4, 5, or 6” to “1, 2, 3, 4, 5, 6, 7, or 8” and the value of the OPERATING\_CHANNEL is updated from “1, 3, 5, 7, 9, or 11” to “1, 3, 5, 7, 9, 11, 13, or 15”.

***Proposed resolution:***

Revised

**Delete Figure 20-1.**

**Modify the text in clause 20.2.3 as follows:**

20.2.3 PHYCONFIG\_VECTOR parameters(M31)

The PHYCONFIG\_VECTOR carried in a PHY-CONFIG.request primitive for a DMG PHY contains an OPERATING\_CHANNEL parameter, which identifies the operating 2.16 GHz channel. The PHY shall set the channel number to 1, 2, 3, 4, 5, 6, 7 or 8 using the value of OPERATING\_CHANNEL parameter which shall be set to 1, 3, 5, 7, 9, 11, 13 or 15 as defined in 20.3.1 (Channelization).

**Modify the text in clause 20.3.1 as follows:**

The DMG PHY operates in the channels defined in Annex E and shall support (M31)channel number 2 and may support the other channels.

The channel center frequency is defined as:

*Channel center frequency = Channel starting frequency + Channel spacing × Channel number*

(M31)where channel starting frequency is equal to 56.16 GHz, and channel spacing is as defined in Annex E.

(M31)The OPERATING\_CHANNEL parameter of PHYCONFIG\_VECTOR is used to set up the operating channel number. The OPERATING\_CHANNEL shall be set to 1, 3, 5, 7, 9, 11, 13 or 15. The relation between the channel number and OPERATING\_CHANNEL is defined as follows:

*Channel number = ½ × (OPERATING\_CHANNEL + 1)*