IEEE P802.11
Wireless LANs

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| 20.2.3 PHYCONFIG\_VECTOR Parameters |
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Abstract

This document proposes specification text for subclause 20.2.3 (PHYCONFIG\_VECTOR parameters), [1], [2].

*Editor: insert the following subclause as 20.2.3 PHYCONFIG\_VECTOR parameters to [2], renumbering the remaining subclauses accordingly*

**20.2.3 PHYCONFIG\_VECTOR parameters**

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, or 6 using the value of OPERATING\_CHANNEL parameter which shall be set to 1, 3, 5, 7, 9, or 11 as defined in 20.3.1.

*Editor: introduce changes into the 20.3.1 Channelization subclause in [2] as below*

**20.3.1 Channelization**

The DMG PHY operates in the channels defined in Annex E and shall support channel number 2 and may support the other channels. The channelization used by DMG STAs is shown in Figure 1.



Figure 1: Channelization used by DMG STAs

The channel center frequency is defined as:

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

where channel starting frequency and channel spacing are as defined in Annex E.

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, or 11. The relation between the channel number and OPERATING\_CHANNEL is defined as follows:

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

**SP:**

Do you agree to include the proposed text for “20.2.3 PHYCONFIG\_VECTOR parameters” proposed in (11-17-1810-01-000m 20 2 3 PHYCONFIG\_VECTOR Parameters) into the Draft P802.11REVmd\_D0.4?

**References:**

1. IEEE 802.11-2016
2. Draft P802.11REVmd\_D0.4