IEEE P802.11  
Wireless LANs

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| 20.2.3 PHYCONFIG\_VECTOR Parameters | | | | |
| Date: 2017-11-19 | | | | |
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Abstract

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

*Editor: add subclause 20.2.3 PHYCONFIG\_VECTOR parameters to [2]*

**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 using the value of this parameter defined in the range from 1 to 11.

*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 at least channel number 2. 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, channel spacing and channel number 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 can 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 (11-17-1810-00-000m 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