IEEE P802.11  
Wireless LANs

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| LB232 Comment Resolutions | | | | |
| Date: 2018-07-11 | | | | |
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Abstract

Resolutions for CIDs 1048, 1179.

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| **CID** | **Commenter** | **Clause Number(C)** | **Comment** | **Proposed Change** |
| 1048 | Thomas Handte | 20.4.4.1.2 | In DMG PHY section, we have different definitions for EVM:  For DMG Control mode (p. 2862), it is based on the metric "measured symbol - ideal symbol", whereas for DMG SC mode (p. 2874) it's "measured symbol - ideal symbol - offset". The offset is chosen such that EVM is minimized. | Propose to adopt DMG SC mode EVM metric also for DMG control mode |

Resolution: Revise

Discussion: Modification will align EVM measurements between modes by removing residual DC offset in the control mode PHY EVM measurement.

*Instruct the Editor to Replace the equation for EVM in 20.4.4.1.2 Transmit EVM with the equation for EVM in 20.5.4.1.1.*

*Also, add the following text to 20.4.4.1.2 above line 50:*

(I0,Q0) is the complex DC term chosen to minimize EVM.

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| 1179 | Hiroyuki Motozuka | 20.3.1 | The channel number and OPERATING\_CHANNEL sound confusing. | Propose to change the name OPERATING\_CHANNEL to like DMG\_OPERATING\_FREQ\_INDEX. |

Resolution: Reject

OPERATING\_CHANNEL was introduced in 17/1810r1 which was motioned in January 2018. The name and use of OPERATING\_CHANNEL is aligned with the other physical layers in 802.11.