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Abstract: This amendment defines modifications to both the IEEE 802.11 physical layer (PHY) and the medium access control (MAC) sublayer for high efficiency operation in frequency bands between 1 GHz and 6 GHz.

Keywords: high efficiency, PHY, physical layer, MAC, medium access control, OFDMA, orthogonal frequency division multiple access, wireless local area network, WLAN

1 Introduction

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4 This introduction is not part of IEEE P802.11ax /D0.3, August 2016, IEEE Standard for Information technology—
5 Telecommunications and information exchange between systems—Local and metropolitan area network—Spe-
6 cific requirements—Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifica-
7 tions—Amendment 6: Enhancements for High Efficiency WLAN(#1121).
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11 This amendment defines modifications to both the IEEE 802.11 physical layer (PHY) and the medium
12 access control (MAC) sublayer for high efficiency operation in frequency bands between 1 GHz and 6 GHz.
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