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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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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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