

Withdrawn

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Project **IEEE 802.16 Broadband Wireless Access Working Group** <<http://ieee802.org/16>>

Title **Ranging enhancement for 128 FFT mode**

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Submitted

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Re: Supporting document for recirculation ballot #14b.

Abstract In OFDMA PHY, the total number of available subcarriers for uplink PUSC and AMC are 96 which is less than 144 needed to accomodate ranging and bandwidth request codes. This contribution propose a solution to this problem.

Purpose To adopt the enhancements to OFDMA PHY in P802.16e/D3 draft.

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1 **1 Introduction**

2 In OFDMA PHY, the total number of available subcarriers for uplink PUSC and AMC are 96 which is
3 less than 144 needed to accommodate ranging and bandwidth request codes.

4 **2 Proposed Text Changes**

5 **3 References**

6 [1] IEEE P802.16-REVd/D5-2004 Standard for Local and metropolitan area networks Part 16: Air Interface for
7 Fixed Broadband Wireless Access Systems

8 [2] IEEE P802.16-REVe/D3-2004 Standard for Local and metropolitan area networks Part 16: Air Interface for
9 Fixed Amendment for Physical and Medium Access Control Layers for Combined Fixed and Mobile Operation in
10 Licensed Bands

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