

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Editorial Revision of the OFDMA Parameter Table in the 802.16m SDD	
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Re:	IEEE 802.16m-08/016r1 (“Call for Contributions on Project 802.16m System Description Document (SDD)”)	
Abstract	The contribution proposes an editorial revision of the OFDMA parameter Table in the 802.16m SDD, in order to simplify the two mixed formats into a unified format that presents the parameters in a clear way.	
Purpose	To be discussed and adopted by TGm for use in the 802.16m SDD.	
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Proposed Editorial Revision for the OFDMA Parameter Table

1 Introduction

The contribution proposes an editorial revision of the OFDMA parameter Table in the 802.16m SDD, in order to simplify the two mixed formats into a unified format that presents the parameters in a clear way.

2 Proposed Editorial Revision of the OFDMA Parameter Table

Replace the table in line 19 page 16 by the following table:

Nominal Channel Bandwidth (MHz)		5	7	8.75	10	20
Over-sampling Factor		28/25	8/7	8/7	28/25	28/25
Sampling Frequency (MHz)		5.6	8	10	11.2	22.4
FFT Size		512	1024	1024	1024	2048
Sub-Carrier Spacing (kHz)		10.94	7.81	9.77	10.94	10.94
Tu (us)		91.4	128	102.4	91.4	91.4
Cyclic Prefix (CP) Tg=1/8 Tu	Ts (us)	102.82	144	115.2	102.82	102.82
	Number of OFDM symbols per Frame	48	34	43	48	48
	Idle time (us)	62.86	104	46.40	62.86	62.86
Cyclic Prefix (CP) Tg=1/16 Tu	Ts (us)	97.11			97.11	97.11
	Number of OFDM symbols per Frame	51			51	51
	Idle time (us)	47.39			47.39	47.39