

Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Proposed text for 802.16m Requirements –Section 1.0 Overview	
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Source(s)	Sang Youb Kim Wen Tong Peiyong Zhu Nortel Networks	Voice: +1-972-684-0667 Fax: +1-972-684-3775 sangyoub@nortel.com wentong@nortel.com pyzhu@nortel.com
Re:	Call for Contributions on Requirements for P802.16m Advanced Air Interface IEEE 802.16m-07/004r1, 01/31/07	
Abstract	This document modifies Overview section in the current baseline document, 80216m-07_002.	
Purpose	For discussion and approval by TGm	
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Section 1.0 Overview

Sang Youb Kim, Wen Tong, Peiyong Zhu

Nortel Networks

1.0 Overview

IEEE 802.16m provides an advanced air interface to meet the requirements of next generation mobile networks. This standard is intended for incorporation into the IMT-Advanced standardization activity being conducted by International Telecommunications Union – Radiocommunication Sector (ITU-R). IEEE 802.16m is based on the WirelessMAN-OFDMA specification and provides continuing support inter-operability for legacy WirelessMAN-OFDMA equipment.

The purpose of this standard is to update the WirelessMAN-OFDMA air interface in accordance with the requirements defined for the internationally agreed radio interface standards for next generation mobile networks such as IMT-Advanced.

This document captures the high-level requirements for IEEE 802.16m as envisioned by the working group.