Project	IEEE 802.16 Broadband Wireless Access Working Group http://ieee802.org/16 >			
Title	Comments on Downlink noise and interference level mean and variance (16.3.14.5)			
Date Submitted	d 2010-07-09			
Source(s)	Yih-Guang Jan, Yang-Han Lee, yihjan@yahoo.com Hsien-Wei Tseng, Ming-Hsueh Chuang, Jheng-Yao Lin Tamkang University (TKU)			
	Youn-Tai Lee, Chun-Yen Hsu lyt@nmi.iii.org.tw Institute for Information Industry (III)			
	Shiann-Tsong Sheu stsheu@ce.ncu.edu.tw National Central University (NCU)			
	Whai-En Chen wechen@niu.edu.tw National Ilan University (NIU)			
Re:	Proposed text changes to P802.16m/D6			
Abstract	Comments on Downlink noise and interference level mean and variance (16.3.14.5) for IEEE P802.16m/D6			
Purpose	To be discussed and adopted by TGm for IEEE P802.16m/D6.			
Notice	This document does not represent the agreed views of the IEEE 802.16 Working Group or any of its subgroups. It represents only the views of the participants listed in the "Source(s)" field above. It is offered as a basis for discussion. It is not binding on the contributor(s), who reserve(s) the right to add, amend or withdraw material contained herein.			
Release	The contributor grants a free, irrevocable license to the IEEE to incorporate material contained in this contribution, and any modifications thereof, in the creation of an IEEE Standards publication; to copyright in the IEEE's name any IEEE Standards publication even though it may include portions of this contribution; and at the IEEE's sole discretion to permit others to reproduce in whole or in part the resulting IEEE Standards publication. The contributor also acknowledges and accepts that this contribution may be made public by IEEE 802.16.			
Patent	The contributor is familiar with the IEEE-SA Patent Policy and Procedures:			
Policy				

Comments on Downlink noise and interference level mean and variance (16.3.14.5)

Yih-Guang Jan, Yang-Han Lee, Hsien-Wei Tseng, Ming-Hsueh Chuang, Jheng-Yao Lin

Tamkang University (TKU)

Youn-Tai Lee, Chun-Yen Hsu

Institute for Information Industry (III)

Shiann-Tsong Sheu

National Central University (NCU)

Whai-En Chen

National Ilan University (NIU)

1. Introduction

This contribution provides the corrected P802.16m/D6 text proposal.

2. Proposed IEEE P802.16m/D6 Text Modification

16.3.14.5 Downlink noise and interference level mean and variance

Page	Line	Original	Corrected
787	55	$(1 - \alpha)^{n+1}$	$\left(1-\alpha_{\rm avg}\right)^{\rm n+1}$
787	62	$\hat{x}^2_{NI}[k]$	$\widehat{x^2}_{NI}[k]$

16.6.3.2.1 FDD frame structure

Page	Line	Original	Corrected
829	29	Where the RTD is the round trip delay between the	Table 762 does not provide
		ARS and its superordinate station and Ts is defined in	parameters RTD and Ts values
		< <table 762="">></table>	
829	59	Where the RTD is the round trip delay between the	Table 762 does not provide
		ARS and its superordinate station and Ts is defined in	parameters RTD and Ts values
		< <table 762="">></table>	