

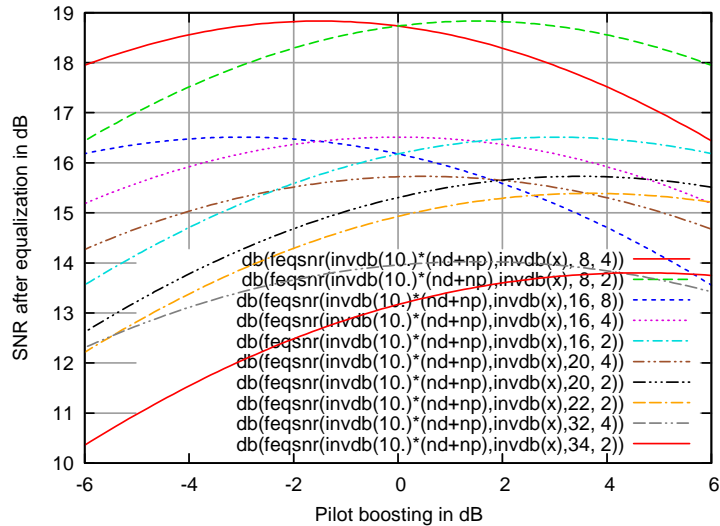
Project	IEEE 802.16 Broadband Wireless Access Working Group < http://ieee802.org/16 >	
Title	Pilot boosting in uplink	
Date Submitted	2008-09-06	
Source(s)	Joerg Schaepperle, Andreas Rueegg Alcatel-Lucent	Voice: E-mail: Joerg.Schaepperle@alcatel-lucent.com * http://standards.ieee.org/faqs/affiliationFAQ.html >
Re:	SDD Session 56 Cleanup; in response to the TGM Call for Contributions and Comments 802.16m-08/033 for Session 57	
Abstract	Values for variable pilot boosting in uplink	
Purpose	Consider for inclusion into the SDD	
Notice	<i>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.</i>	
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 Policy	The contributor is familiar with the IEEE-SA Patent Policy and Procedures: < http://standards.ieee.org/guides/bylaws/sect6-7.html#6 > and < http://standards.ieee.org/guides/opman/sect6.html#6.3 >. Further information is located at < http://standards.ieee.org/board/pat/pat-material.html > and < http://standards.ieee.org/board/pat >.	

Pilot Boosting in Uplink

Joerg Schaepperle, Andreas Rueegg
Alcatel-Lucent

Comment

To handel interference on pilot signals in multi-user MIMO transmission with several layers, variable pilot boosting is required.



Proposed Text

“The supported boosting values are: -3dB, 0 dB, 3 dB, 6 dB.”