

Project	<b>IEEE 802.16 Broadband Wireless Access Working Group</b> < <a href="http://ieee802.org/16">http://ieee802.org/16</a> >	
Title	<b>Proposed revision to Table 216 Receiver Minimum Input Level Sensitivity (dBm) in Document P802.16a/D3-2002</b>	
Date Submitted	<b>2002-05-06</b>	
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Re:	Proposal to change values in Table 216 by a value of -4dBm	
Abstract	This contribution contains a revised Table 216 that reflects comments received during the ETSI meeting BRAN#28. The values in the table are reduced by 4dBm.	
Purpose	Request the values in Table 216 of document P802.16a/D3-2002 be changed as provided in this contribution	
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## Proposed revision to Table 216 Receiver Minimum Input Level Sensitivity (dBm) in Document P802.16a/D3-2002

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### Introduction

This document Provides information towards changes in the values included in Table 216 in section “8.3.4.2.7.1 Receiver Sensitivity . The table is called **Table 216 — Receiver Minimum Input Level Sensitivity (dBm)**.

### Reference

[TG1/D5] IEEE P802.16/D5 - 2001.  
[TGa/D3] IEEE P802.16a/D3 - 2002.  
IEEE C802.16a-02/31r3

### Suggested Changes to Table 216

In response to comments received during ETSI BRAN#28 about the values in Table 216 as being too loose, this contribution suggests changes to the values included in the present version of the table to values –4dBm better (lower). Change Table 216 to the one below.

**Table 216 – Receiver Minimum Input Level Sensitivity (dBm)**

Channel Bandwidth h (MHz)	QPSK		16QAM		64QAM	
	Rate __	Rate __	Rate __	Rate __	Rate __	Rate __
1.5	-91	-89	-84	-82	-78	-76
1.75	-90	-88	-83	-81	-77	-75
3.0	-88	-86	-81	-79	-75	-73
3.5	-87	-85	-80	-78	-74	-72
5.0	-86	-84	-79	-77	-72	-71
6.0	-85	-83	-78	-76	-72	-70
7.0	-84	-82	-77	-75	-71	-69
10.0	-83	-81	-76	-74	-69	-68
12.0	-82	-80	-75	-73	-69	-67
14.0	-81	-79	-74	-72	-68	-66
15.0	-81	-79	-74	-72	-68	-66
20.0	-80	-78	-73	-71	-66	-65