Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	Power control clarification
Date Submitted	**May 5, 2005**
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Re:	IEEE 802.16-2004 and Corrigenda
Abstract	Application of the power control command and step size
Purpose	To clarify the time when the UL power change should apply and the step range
Notice	

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Suggested changes

Section 6.3.2.3.6 add the following
Power Adjust Information
If this field is not included, no adjustment shall be made. The maximum gain change shall be limited to the range of +/- 10 dB.

Section 6.3.2.3.34 add at the end of the last paragraph:
The maximum gain change shall be limited to the range of +/- 10 dB.

Section 8.3.6.3.5 add at the end of the first paragraph
8.3.6.3.5 UL-MAP Power control IE format
The maximum gain change shall be limited to the range of +/- 10 dB.

Apply the following changes to table 342:

System	Name	Time Reference	Minimum Value	Default Value	Maximum Value
SS	FPC processing time	Max.time between reception of Fast Power Control management messages and compliance to its instructions by SS			2.5 msec from the start of the frame (n+1) were frame n is the frame containing the FPC. If there is an UL allocation to the SS before the 2.5 msec in frame n+1 then the power change shall be applied before the end of the frame n+1
SS	RNG-RSP	Time allowed for an SS			~~25 msec~~ 2.5 msec from

	processing	following receipt of a RNG-RSP before it is expected to apply the corrections instructed by the BS			the start of the frame (n+1) were frame n is the frame containing the RNG_RSP. If there is an UL allocation to the SS before the 2.5 msec in frame n+1 then the power change shall be applied before the end of the frame n+1
SS	power control IE	Time allowed for an SS following receipt of a UL-MAP including a power control IE before it is expected to apply the corrections instructed by the BS			~~25 msec~~ 2.5 msec from the start of the frame (n+1) were frame n is the frame containing the UL map containing the power control IE. If there is an UL allocation to the SS before the 2.5 msec in frame n+1 then the power change shall be applied before the end of the frame n+1