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Title	<b>Attributes of PowerCtrl Object for 802.16 Mobility MIB</b>	
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Re:	Contribution to IEEE 802.16i	
Abstract	In this contribution, we propose to give attributes of PowerCtrl object for 802.16 mobility MIB	
Purpose	Adoption	
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## Attributes of PowerCtrl Object for 802.16 Mobility MIB

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### 1. Introduction

The 802.16i baseline has depicted BS related IOCs, but for most of those IOCs, the attributes have not been defined. This contribution proposes to describe the attributes of the PowerCtrl IOC.

### 2. Proposed Text Changes

Add the following description into 16i 15.1.2.3:

#### 15.1.2.3.5 IOC PowerCtrl

##### 15.1.2.3.5.1 Definition

This Information Object Class represents the power control entity of 802.16 BS. For more information about the BS, see 8.4.10.3 of 802.16-2004 and 802.16e.

PowerCtrl is an object which is derived from the ManagedFunction.

##### 15.1.2.3.5.2 Attributes

Table 10 PowerCtrl Attributes

Attribute name	Defined in	Visibility	Support Qualifier	Read Qualifier	Write Qualifier
PowerCtrlId	--	+	M	M	--
objectClass	Top	+inherited	M <sup>inherited</sup>	M <sup>inherited</sup>	--inherited
objectInstance	Top	+inherited	M <sup>inherited</sup>	M <sup>inherited</sup>	--inherited
userLabel	ManagedFunction	+inherited	M <sup>inherited</sup>	M <sup>inherited</sup>	M <sup>inherited</sup>
msUpPwrAdjStep	--	+	M	M	O
msDownPwrAdjStep	--	+	M	M	O
minPwrAdjLever	--	+	M	M	O
maxPwrAdjLever	--	+	M	M	O
txPwrRepThreshold	--	+	M	M	O
txPwrRepInterval	--	+	M	M	O
alphaPAvg	--	+	M	M	O
txPwrRepThresholdCQI	--	+	M	M	O
txPwrRepIntervalCQI	--	+	M	M	O
alphaPAvgCQI	--	+	M	M	O

[Append the following description into 16i 15.1.2.6.1 Table11:]

Attribute Name	Definition	Legal Values
msUpPwrAdjStep	MS-specific up power offset adjustment step	--
msDownPwrAdjStep	MS-specific down power offset adjustment step	--

minPwrAdjLevel	Minimum level of power offset adjustment	--
maxPwrAdjLevel	Maximum level of power offset adjustment	--
txPwrRepThreshold	Tx Power Report Threshold	--
txPwrRepInterval	Tx Power Report Interval	--
alphaPAvg	Alpha of $p_{avg}$	--
txPwrRepThresholdCQI	Tx Power Report Threshold, CQICH is allocated to the SS	--
txPwrRepIntervalCQI	Tx Power Report Interval, CQICH is allocated to the SS	--
alphaPAvgCQI	Alpha of $p_{avg}$ , CQICH is allocated to the SS	--