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Project	IEEE 802.16 Broadband Wireless Access Working Group <a href="http://ieee802.org/16">http://ieee802.org/16</a> >			
Title	Number of receive and transmit antenna capability for AAS enabled MSS 2004-11-04			
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Source(s)	Kevin Baum Mark Cudak Tim Thomas Fred Vook Xiangyang (Jeff) Zhuang			
	Motorola Labs 1301 E. Algonquin Road Schaumburg, IL 60196			
Re:	IEEE P802.16-REVe/D5-2004, Sponsor Ballot			
Abstract	MSS capability encoding to identify how many receive and transmit antennas a MSS is configured with.			
Purpose	Adoption of proposed changes into P802.16e			
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## Number of receive and transmit antenna capability for AAS enabled MSS

Kevin Baum, Mark Cudak, Tim Thomas, Fred Vook, Xiangyang (Jeff) Zhuang Motorola Labs

## 1 Introduction

AAS capable mobiles may be configured with different numbers of transmit and receive antennas. This configuration must be communicated to the base station so that the appropriate AAS modes may be employed.

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## 11.7.8.12 Number of Antennas

This field indicates how many receive and transmit antennas are present in an AAS enabled MSS

Type	Length	Value	Scope	
22	1	Number of receive antennas	REG-REQ REG-RSP	
23	2	Number of transmit antennas	REG-REQ REG-RSP	