Project	**IEEE 802.16 Broadband Wireless Access Working Group <http://ieee802.org/16>**
Title	**Reply Comment to 144L**
Date Submitted	**2007-03-14**
Source(s)	Gokhan Korkmaz gkorkmaz@arraycomm.com *ArrayComm*
Re:	
Abstract	
Purpose	Suggested remedy to resolve comment #144
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Reply Comment to 144L

Gokhan Korkmaz
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[Please perform the indicated change to table on page 400 of P80216-Cor2_D2]

Sets	Items	Sub-items	References
OFDMA PHY parameter set B	Subscriber transition gap	SSTTG = 50 µsec	11.8.3.1
		SSRTG = 50 µsec	
	OFDMA SS demodulator	64 QAM	11.8.3.7.2
		CTC	
		STC	
		HARQ chase	
		Dedicated pilot	
	OFDMA SS modulator	CTC	11.8.3.7.3
		HARQ chase	
	OFDMA SS permutation support	AMC 2 X 3 support	11.8.3.7.4
	OFDMA SS MIMO uplink support	Single-antenna Collaborative SM	11.8.3.7.6
	OFDMA SS CINR measurement capability	Physical CINR measurement from the preamble	11.8.3.7.9
		Physical CINR measurement for a permutation zone from pilot subcarrers	
		Effective CINR measurement for a permutation zone from pilot subcarriers.	
	OFDMA SS uplink power control support	Uplink open loop power control support	11.8.3.7.11
	OFDMA MAP capability	Extended HARQ IE capability	11.8.3.7.12
		Sub MAP capability for first zone	
	Uplink control channel support	Enhanced FAST_FEEDBACK	11.8.3.7.13
		UL ACK	
	OFDMA MS CSIT capability	CSIT compatibility type A	11.8.3.7.14
		Sounding response time capability = next frame	
		Max number of simultaneous sounding instructions = 2	
		SS does not support P values of 9 and 18 when supporting CSIT type A = 0 (SS supports P values of 9 and 18)	
	OFDMA SS demodulator for MIMO support	2-antenna STC matrix A	11.8.3.7.5
		2-antenna STC matrix B vertical coding	
	OFDMA SS modulator for MIMO support	Capable of single antenna Capable of disabling UL subchannel rotation	11.83.7.16

[Please perform the indicated changes to table on page 397 of P80216-Cor2_D2]

Type	*Length*	*Value*	*Scope*
177	~~1~~2	Bit #0: ~~Two transmit antennas~~ Capable of 2-antenna STC Matrix A Bit #1: ~~Capable of transmit diversity~~ Capable of 2-antenna STC Matrix B, Vertical coding Bit #2: ~~Capable of spatial multiplexing~~ Capable of 2-antenna STC Matrix B, Horizontal coding Bit #3: Capable of beamforming Bit #4: Capable of adaptive rate control Bit #5: Capable of single antenna transmission Bit #6: Capable of ~~two-antenna~~ collaborative SM with one antenna Bit #7: ~~*Reserved;* shall be set to zero~~ collaborative SM with two antennas Bit#8: Capable of disabling UL subchannel rotation Bit#9-15:Reserved	SBC-REQ (See 6.3.2.3.23) SBC-RSP (See 6.3.2.3.24)