

STA APPLICATION

Date: 1/9/2006

File Number:

Full Company Name: Intel Corporation

FRN of Company or Contact: 0009362237

Please complete all sections below with entirety.

Full Contact Name:	John Hammond
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Contact Mailing Address:	2111 NE 25 th – JF2-15 Hillaboro, Oregon 97124

Event Name	Intel Sales and Marketing Conference
STA Start / End Dates : (including setup/test)	10-Feb-06 thru 20-Feb-06

Description of Experiment or Research – Which Needs to Include the Following

Specific Objectives to be covered (detailed): Demonstrate usage models for WiMAX, 802.16-2004 to the World-Wide Sales and Marketing force of Intel. This will be done indoors only at the Anaheim Convention Center, 2nd Floor where various kiosks will represent all Intel technologies, WiMax being one of them.
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Description of equipment (detailed):

The equipment which will be used is manufactured by Airspan and Intel will be showing both the indoor (self install) and outdoor subscriber stations along with one base station/sector.

Transmitter Equipment and Station Details

Equipment Manuf / P/N:	Airspan MacroMax BS, both the EasyST and ProST subscriber stations.
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Number of Fixed Units:				1
Location of Fixed Antennas (Lat / Lon, Street Address)				1. Anaheim Convention Center
				2. 800 West Katella Avenue
				3. Anaheim, CA 92802
<u>NAD 27</u>		<u>NAD 83</u>	<u>X</u>	4. 33.80347 N
				5. 117.9188 W

Number of Mobile Units		4
Radius of Mobile Unit location from Fixed station(s) (specify km)		1. < 1km
		2. < 1km
		3. < 1km
		4. < 1km
		5.

Frequency Range / Tolerance	HIGH (MHz)	LOW(MHz)	% Tolerance
Station Number	1. 3450	3400	0.004
	2. 3550	3500	0.004
	3. 3550	3500	0.004
	4. 3550	3500	0.004
	5. 3550	3500	0.004

Transmitter Parameters	Modulation	Emission Designator	Bandwidth	Power Out dBm
Station Number	1. 64QAM	3M25W1D	3.5MHz	+23 max

	2. 64QAM	3M25G1D	3.5MHz	+18dBm
	3. 64QAM	3M25G1D	3.5MHz	+18dBm
	4. 64QAM	3M25G1D	3.5MHz	+18dBm
	5. 64QAM	3M25G1D	3.5MHz	+18dBm

Antenna Details	Type	Gain (dB)	Beam Width (H)	Beam Width (V)	HAAT (meters)
Station Number	1. Secorized, 60 degree	18dBi	60	8	10 - Indoor
	2. Internal antenna for SI Subscriber	6dBi	90	8	10 - Indoor
	3. Internal antenna for SI Subscriber	6dBi	90	8	10 - Indoor
	4. Internal antenna for SI Subscriber	6dBi	90	8	10 - Indoor
	5. Internal antenna for SI Subscriber	6dBi	90	8	10 - Indoor