

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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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

<p>Specific Objectives to be covered (detailed):</p> <p>Demonstrate usage models for the newly adopted WiMAX, 802.16e (Mobile WiMAX) standard to the World-Wide Sales and Marketing force of Intel. This will be done indoors only during a keynote address to the sales force by Intel's CEO.</p>
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Description of equipment (detailed):

The equipment which will be used is manufactured by Alcatel, Samsung, and/or Runcom. There will be a representative base station along with futuristic products which would represent the mobile compute platforms that will be used by consumers.

Transmitter Equipment and Station Details

Equipment Manuf / P/N:		Alcatel / RunCom RNA200DK, Samsung	
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		2	
Radius of Mobile Unit location from Fixed station(s) (specify km)		1. < 100m	
		2.	
		3.	
		4.	
		5.	

Frequency Range / Tolerance	HIGH (MHz)	LOW(MHz)	% Tolerance
Station Number	1. 2390	2400	0.004
	2. 2390	2400	0.004
	3. 2390	2400	0.004
	4.		
	5.		

Transmitter Parameters	Modulation	Emission Designator	Bandwidth	Power Out dBm
Station Number	1. 64QAM	10M25W1D	3.5MHz	+24dBm max
	2. 64QAM	10M00G1D	3.5MHz	+24dBm max
	3. 64QAM	10M00G1D	3.5MHz	+24dBm max

	4.			
	5.			

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	unity	omni	12	10 - Indoor
	3. Internal antenna for SI Subscriber	unity	omni	12	10 - Indoor
	4.				
	5.				