

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 |
|--------------------|--------------|

| | |
|--------------------------|---|
| 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

| |
|--|
| <p>Specific Objectives to be covered (detailed):</p> <p>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.</p> |
|--|

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. |
|-------------------------------|--|

| | | | |
|--|------------------------------|----------------------|-----------------|
| 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 |