

STA /EXPERIMENTAL LICNESE INFORMATION

Date: 3/6/06

File Number:

Full Company Name:
Nortel

FRN of Company or Contact:
Regina Moldovan

Company Federal Tax ID or EIN (U.S. based companies):
Canadian-based company

Please complete all sections below with entirety.

Full Contact Name:	Regina Moldovan
Contact Mailing Address:	2221 Lakeside Blvd. Richardson, TX 75206
Contact Telephone Number:	972-685-6288
Contact Fax Number	972-685-4021

Event Name	Broadband Wireless World
STA Start / End Dates : (including setup/test)	Start date: 4/26/06 End date: 4/28/06

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

Specific Objectives to be covered (detailed): At BBWF, Nortel will be demonstrating its Fixed WiMAX solution and will require spectrum to be able to show a live demonstration.
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Description of equipment (detailed): 1 Fixed WiMAX Base Station 1 Omni Antenna 1 Pro ST Access Point – will not be live, just for show 4 Easy ST Access points – Fixed WiMAX terminals that hook into PCs via ethernet 1 Server with the Network Management software loaded onto it

Transmitter Equipment and Station Details

Base Station Equipment Mfr and P/N:	Airspan Networks MMAX-3.5LF-0
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Number of Fixed Units:				
Location of Fixed Antennas (Lat / Lon, Street Address)				latitude 36.1941 N longitude 115.2220 W
				Caesar's Palace 3570 Las Vegas Boulevard Las Vegas, NV 89109 Phone: 877-427-7243 Booth 505
<u>NAD 27</u>	XX	<u>NAD 83</u> <u>X</u>		

() Mobile or (X) Fixed Subscriber Station Equipment Mfr and P/N:	Airspan Networks EST350F-INT-4-US
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Number of Mobile Units	4: Will have Dell PDAs and gaming mobile units
Radius of Mobile or Subscriber Unit location from Fixed station(s) (specify km)	Less than 1km (truly no more than 50 feet)

Frequency Range / Tolerance	LOW (MHz)	HIGH(MHz)	% Tolerance
Station Number	3400 UL	3452 UL	N/A
	3500 DL	3552 DL	+/- 8 ppm

Transmitter Parameters	Modulation	Emission Designator	Bandwidth (MHz)	Power Out dBm
Station Number	64QAM	3M50W1D	3.5	38 max

Antenna Details	Type	Gain (dB)	Beam Width (H)	Beam Width (V)	HAAT (meters)
Station Number	Omni	10 dBi	360°	7°	Indoor