

## Certification

Issued Under the Authority of the  
Federal Communications Commission

By:

American TCB, Inc.  
6731 Whittier Avenue Suite C110  
McLean, VA 22101  
United States

Date of Grant: 06/20/2004

Application Dated: 06/20/2004

Nortel Networks Inc  
4655 Great America Parkway  
Santa Clara, CA 95054-1208  
United States

Attention: Vipin Naik , Regulatory Engineer

## NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE, and is VALID ONLY for the equipment identified hereon for use under the Commission's Rules and Regulations listed below.

FCC IDENTIFIER: RVW2230W

Name of Grantee: Nortel Networks Inc

Equipment Class: Unlicensed National Information Infrastructure TX  
Notes: 802.11 Dual Band Access Point

| <u>Grant Notes</u> | <u>FCC Rule Parts</u> | <u>Frequency Range (MHZ)</u> | <u>Output Watts</u> | <u>Frequency Tolerance</u> | <u>Emission Designator</u> |
|--------------------|-----------------------|------------------------------|---------------------|----------------------------|----------------------------|
| CC CE              | 15E                   | 5180.0 - 5240.0              | 0.034               |                            |                            |
| CC CE              | 15E                   | 5260.0 - 5320.0              | 0.121               |                            |                            |
| CC CE              | 15E                   | 5745.0 - 5805.0              | 0.093               |                            |                            |

Power output listed is conducted. The maximum output power on certain channel(s) adjacent to the band edge must be reduced as specified within this application. The maximum net effective gain of any external 5 GHz antenna is 7.4 dBi. In order to comply with the integral antenna requirement 15.407(d), any external antennas for use in the 5.15 - 5.25 GHz UNII band must be for indoor use only and must be either professionally installed such that all connections are made permanent at the time of installation or ship from the factory with permanent connections. Installation of external 5 GHz antennas that are not professionally installed or that are not considered to contain permanent connections must not allow the external antennas to operate in the 5.15 - 5.25 GHz UNII Band. End users must only be able to select the use of the 5.15-5.25 GHz band for external antennas for installations that utilize permanent connections due to professional installation or permanent connection which were made at the factory. The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be colocated or operating in conjunction with any other antenna or transmitter other than those contained in this device. End users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

CC: This device is certified pursuant to two different Part 15 rules sections.

CE: This device has shown compliance with the conducted emissions limits in 15.107, 15.207, or 18.307 adopted under FCC 02-157 (ET Docket 98-80). The device may be marketed after July 11, 2005, and is not affected by the 15.37(j) or 18.123 transition provisions.