



American Telecommunications Certification Body Inc.  
6731 Whittier Ave, McLean, VA 22101

June 3, 2002

RE: Nortel Networks

FCC ID: AB6ECELL

I have a few comments on this Application.

- 1.) The Grantee code information in the FCC database does not match the information as provided on Form 731. The listed information is for Nortel Networks on Mission College Blvd in Santa Clara, California Please review this information and correct directly with FCC if appropriate.
- 2.) The Internal Photos only show general construction details You are required to provide board level photographs on both sides of all printed wiring boards with all RF shielding removed.
- 3.) Please provide Tune Up procedures. If they exist elsewhere in the documentation provided, please indicate where it is located.
- 4.) Test Report indicates Transmitter Radiated spurious was performed using a mathematical conversion from field strength to radiated values. This is not permitted under current FCC interpretations. The proper method is the substitution method as described in TIA/EIA 603. Please review your test procedures and test results. If values are simply not resolvable, please provide noise floor values to the 10<sup>th</sup> harmonic.
- 5.) The label is not completely accurate. Licensed radio services should use the language of 15.19(a)(1) for all Licensed transmitters which also contain receivers. It is not appropriate to refer to your equipment as a "digital device".
- 6.) There are several references to TDMA within the Application. Is this equipment capable of transmitting IS-136 derivative TDMA in addition to GSM? If so, we will need Occupied Bandwidth and Band Edge data for this emission. Form 731 should also reflect this potential change.
- 7.) FYI: Please note the FCC does not consider spectrum analyzers to be accurate enough for conducted RF power output measurements. In the future, please provide an alternative method of RF Pout measurement.

William H. Graff  
President and Examining Engineer

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.