



January 04, 2002

Timothy R. Johnson
Examining Engineer
American TCB

RE: Nortel Networks
FCC ID: AB6NT1900SFRM Radio Filing

Dear Mr. Johnson,

Please find below the Sanmina-SCI clarifications following the ATCB Comments dated January 3, 2002, with respect to the subject filing:

- 1) As per ATCB request, please see the attached 'TRANSMIT LABEL PHOTO' from Exhibit 3 of the filing in jpeg file format.
- 2) The FRN Number of Nortel is 0005-1887-27.
- 3) Section 3.0 from Exhibit 2B shows the equipment used for measurements below and above 1GHz. Please note that the HP 8447D amplifier was only used for measurements below 1GHz. For all measurements above 1GHz, the LNA used was MITEQ (Model No JSD 00121, S/N 838621) and was verified internally before use. The table pertaining to equipment list above 1GHz will be revised to reflect the correct LNA and the exhibit 2B will be resubmitted. Please note that the correction factors can be accounted for by the average gain of the MITEQ LNA over the frequency range: 65 dB (For example: Gain at 5.01 GHz is 64.6 dB, at 15.00 GHz is 63.8 dB, at 20.00 GHz is 61.01 dB).
- 4) The title of Nortel Network's report (Exhibit 2A) reflects the Nominal power (20.4 Watts) for the Amplifier Module. Sections of the exhibit where the power is stated as 16.98 Watts reflects the nominal power measured at the output of the antenna port. The lower value can be attributed to losses between the antenna port and the output of the amplifier due to Duplexer/Triplexer losses.
- 5) No 'calculations' are applicable to section 3.4 of Exhibit 2. The Emission designator was chosen as per the guidelines of section 2.201 of the FCC Rules Part 2, Subpart C-Emissions. The EUT is a CDMA base-station with the nominal bandwidth of a single channel being 1.25MHz. The Emission designator 1M25F9W provides the closest match to the EUT from the available choices from the FCC Rule Parts (Also 1M25F9W was used as requested by ATCB in previous applications).
- 6) Please note that since the EUT will shut down automatically below -5 degrees Celsius (through the use of system alarms), the requirement below this temperature is not applicable. The GPSTM module, however, is capable of withstanding storage temperatures in the range -40 degrees Celsius to +85 degrees Celsius as shown in Section 5.1.2 of the module OEM specification (Exhibit 11).

Please do not hesitate to call me if there are any further questions.

Sincerely,

A handwritten signature in blue ink that reads 'Mohammad Hossain'.

Mohammad Hossain
EMC Engineer
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