



C-MAC Engineering  
21 Richardson Side rd  
Kanata ON K2K 2C1 · Canada  
**Tel** 613 763 7847  
**Fax** 613 763 8091

[www.cmac.com](http://www.cmac.com)

Denis Lalonde  
Radio Compatibility Eng.

November 7, 2000

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

**Re: AB6BTR2807M**

Dear Sir or Madam:

This is a FCC Class 2 Permissive Change application for Nortel Network's Reunion 28-07M BTS LMDS transceiver. The FCCID of this equipment is AB6BTR2807M.

The equipment used in the test report is exactly the same as the equipment used in the original FCC application. The reason for this Class 2 Permissive change is to add new emission designators to the FCC Grant of Authorization. The emission designators that Nortel Networks wants to add are the following:

40M0D7W  
10M0D7W.

The bandwidth values in these emission designators make reference to the channel spacing used by the Reunion system. The 99% occupied bandwidth measured values in the test report are slightly different from these values.

The 10M0D7W emission designator refers to a 7.488 Msymbol/sec signal with 16QAM modulation. The 40M0D7W refers to the same signal with an additional 3 adjacent channels using 10 MHz channel spacing.

The test report included in this application demonstrates that the Reunion 28-07M BTS LMDS transceiver meets all FCC Part 101 requirements while it is transmitting a signal described by the new emission designators.

Please call me or write if you have any questions or comments.

Regards,

Denis Lalonde  
Product Integrity  
email: [dlalonde@kan.cmac.com](mailto:dlalonde@kan.cmac.com)  
C-MAC Engineering