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Calgary, Alberta
Canada (T3J 4P8)

Original Equipment Application

March 18, 2008

American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

RE: Original Equipment Certification
FCC Tx ID: AB6NT2100V3231
IC: 332D-2G1V3231

Dear Sir/Madam

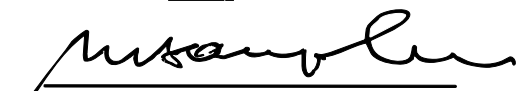
Following are our responses to ATCB comments of March 12-13., 2008. Each item number below addresses the respective ATCB comment.

1. Internal Photos. Exhibit 6 shows both sides of each board of in the RF path of the AB6NT2100V3231 device and also the internal construction of the radio. For file size reasons this exhibit was split into several sub-exhibits (6A – 6E). Each exhibit has been up-issued to Rev 1.
2. A drawing was added to Exhibit 4 to show the placement of the label on the device. The Exhibit 4 was up-issued as Exh 4 Rev 1.
3. A corrected form with the correct Equipment code (TNB) was uploaded in the application folder as ATCB Form 731 Rev 1.
4. This comment was generated by a misunderstanding. The word “indoor” from the Operational Description Document refers to “indoor installation” of the base station only, as compared with “outdoor installation” and NOT to “indoor operation”. There is no intent to install an indoor antenna to operate with this device.
5. Factory Tune-up: The paragraph 4.9 of the Exhibit 2 Test Report Summary describes the factory tune-up procedure.
6. The output power 79W: The Operational Document (Exh 12) statement regarding the output power is that the AWS MFRM 3, which is a device similar to AWS 3231 meets the requirement for nominal Tx output power of 18 W per carrier and 54 W per sector. Both AWS MFRM 3 and AWS 3231 have three antenna ports, one for each sector, so what is specified and tested is the sector output power. Both these radios have the sector power pooling feature which allows to increase the transmitted power of a sector in a multi-sector base station while lowering the power of the rest of the sectors. For the AB6NT2100V3231, the specified power is the maximum power including the sector power pooling which is the maximum power that is measured at the antenna port and is higher than the nominal Tx output power which does not include the sector power pooling.
7. Type Acceptance: The wording “type acceptance” was replaced by the word “certification” in the document Test Report Summary from Exhibit 2 which was up-issued as Exhibit 2 Rev 1.
8. The plots that were pointed out in the comments are plots of "Channel Power" measurement. Those channel power measurements were made for each carrier configuration close to the upper and lower edge of the AWS band, namely, 2108 to 2109 MHz and 2156 to 2157 MHz. Although those frequencies were captured in the "9 kHz - lower adjacent 1 MHz" and "upper adjacent 1 MHz to 5 GHz" plots, which have a RBW of 1 MHz as per the FCC requirement, we wanted to provide additional information about the worst section in the plots. That's why we decided to make "Channel Power" measurements for 2108 to 2109 and 2156 to 2157 MHz, with the channel bandwidth being set to 1 MHz and we chose a RBW of 5 kHz (since this is an extra plot that

provides additional information and is not specified by the FCC). As can be seen in the labels for these plots, the word "verification" is inserted at the end of the label to signify that this plot is for verification purposes. To avoid any confusion all plots marked as "verification" and introduced as additional information have been removed from the test report and the report was up-issued as the Exh 2A Rev 1.

Please contact the undersigned for further information if necessary. Thank you for your attention to these matters.

Important: Please see attached request for confidentiality



(Signature)

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