



NATIONAL TECHNICAL SYSTEMS, INC.

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7. For your information –

(a) Appendix D uses a correction factor for determining the peak output power when a measuring instrument is used that has a bandwidth narrower than the emission bandwidth. The formula that you use is correct but its implementation is not correct. The emission bandwidth that you should be using is the 6 dB bandwidth not the 26 dB bandwidth or the 99% bandwidth. Both the 26 dB bandwidth and the 99% bandwidth add too much correction factor and artificially make the peak output power higher than it would be if a peak power meter was used to measure the output power. Please use the 6 dB bandwidth for this correction factor in the future to help your clients if a Class II permissive change is filed on a device tested by NTS.

Answer: It definitely makes more sense to use the 6 dB bandwidth, however we followed the FCC Measurement procedure for DTS systems which specifies 26 dB.

(b) Both the FCC and IC require the center frequency of the lowest and highest channels for low power (Part 15 and license exempt) devices to be listed on the application form instead of the whole band authorized for operation of these devices. I will correct the operating frequency range on both applications.

Answer: Thank you for the correction.

If you have any further questions or comments, please do not hesitate to contact me

Sincerely,

A handwritten signature in cursive script that reads 'Glen Moore'.

Glen Moore
Wireless/EMC Manager
NTS
On Behalf of Saafnet Inc



July 02, 2008

Attention: Richard Fabina, American TCB

Dear Richard,

Please find below the responses to your application comments from June 23, 2008

RE: ATCB006432 – FCC Original Equipment & IC Single Certification FCC ID: V8B-8400 & IC: 7667A-8400 for Saafnet Canada Inc.

1. Please provide an acknowledgement to the IC listing requirements letter for this device. This letter is commonly referred to as the REL letter. You will find a copy of this form letter in the IC application form on the ATCB Website. None was provided in this application.

Answer: This exhibit has now been uploaded to your site.

2. Please provide a signed copy of the FCC confidentiality request letter. The submitted letter has no signature on it.

Answer: Exhibit revised with signature and uploaded to your site.

3. Please provide an IC confidentiality request letter addressed to IC not ATCB. ATCB does not withhold these documents from public disclosure. IC does that. There is a copy of this form letter in the IC application form on the ATCB Website. Also be sure that this letter refers to Section 10 of RSP-100.

Answer: This exhibit has been revised and uploaded to your site

4. In the internal photos exhibit, please provide a photo of the main printed circuit board with the radio module removed to show the components underneath the radio module.

Answer: The internal photograph exhibit has been updated with this photo and reloaded to your website.

5. In the internal photos exhibit, please provide a photo of the top of the radio module with the shield removed to show the components underneath the shield. Also provide a photo of the bottom of the radio module to show the components underneath it.

Answer: The internal photograph exhibit has been updated with this photo and reloaded to your website.

6. In Appendix I Section I.4 and in Appendix J Section J.4 of the test report, it states that a video bandwidth (VBW) of 10 Hertz was used for radiated emission measurements above 1 GHz. Using a reduced VBW produces average detector measurements but these sections go on to state that a duty cycle correction factor was applied to these (average detector) measurements. Further Appendix I Section I.10 and Appendix J Section J.10 both show peak and average emission levels were measured. There is no description of how the peak levels reported in these sections were made. Please address this omission.

Answer: The report has been revised and uploaded to your website with the referenced sections revised to remove the duty cycle correction factor.