

26 July 2006

American TCB  
6731 Whittier Avenue  
McLean VA 22101

RE: ADC Telecommunications Inc  
Response to 11 July 2006 Comments

FCC ID: F8I-DSC0801A

In response to your comments on the above submittal from 11 July 2006.

1. ATCB Comment: Regarding previous response to item 3, kindly please help document what the appropriate input drive levels that were used.

**ADC RESPONSE:** The appropriate input drive level is -40 dBm this signal level was used for all tests. There is no difference between using the -40 dBm signal versus using a -10 dBm signal and administering 30 dB of internal software attenuation, thus resulting in a -40 dBm composite signal.

2. ATCB Comment: The revised label does not appear to contain a model as will be listed on the IC site/Certificate. Please revise.

**TÜV RESPONSE:** The Model number is indicated on the label as XXXX-XXXXXXXX with Notes 1 and 4 referenced below the label. Note 4 lists the two model numbers pertaining to this product that will be inserted in place of the shown Xs as appropriate.

3. ATCB Comment: It is uncertain where the information for 15.19 is located. It does not appear on the label of the remote. Please explain.

**RESPONSE:** This label information shown below will be printed onto a label and placed on the Host unit in the area designated by the arrow. The label info file has been revised to include a photo showing this labels placement also, and will be uploaded.

***“This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.”***

For IC:

4. ATCB Comment: Given the exemption powers of RSS-102 are exceeded, the RF exposure exhibits should also include appendix A (see ATCB IC form) for RF exposure. Please provide

**RESPONSE:** The requested document has been uploaded.

5. ATCB Comments: Please explain how the RX limits of 2 nW = -27 dBm and 5 nW = -23 dBm. My calculations show that

Limit	nW	dBm	50 Ohm dBuV
	2	56.9897	50.0103
RSS 129/133 > 1 GHz	5	-53.0103	53.9897

Also it appears the RX emissions are shown with the TX active, and certain results may exceed the expected results above. Please review.

**RESPONSE:** ADC concurs with the -56 and -53 dBm levels. He had missed some zeros in his calculations. The client contacted Industry Canada with regards to the applicable portions for certifying their equipment and the IC states that only RSS-131 requirements need to be met. Thus, sections 4.8 and 6.0 of RSS-GEN should not be applicable. The response from Industry Canada has been uploaded.

Please let us know if anything further is required.

*Jolene S Murphy*

Jolene Murphy, Senior Technical Writer  
TÜV America Inc  
Tel: 651 638 0271 / Fax: 651 638 0285  
[jmurphy@tuvam.com](mailto:jmurphy@tuvam.com)