



# American Telecommunications Certification Body Inc.

6731 Whittier Ave, McLean, VA 22101

November 27, 2006

RE:                    Globalsat Technology Corporation

FCC ID:            RID-TR101

After a review of the submitted information, I have a few comments on the above referenced Application.

- 1) External Photos show a ferrite positioned on the DC cable. Please explain/confirm. The placement of the ferrite is unusual as this is normally placed near the EUT side and not the adapter side.
- 2) Information in the application states that the device is a Class 12 device. My understanding is that Class 12 is capable of 4 slots of TX or 50% or crest factor of 2. Information in the SAR report does not match this. Please review.
- 3) Some body worn shows a crest factor of 1:4 while other shows 1:2. Please explain.
- 4) It is uncertain if the device is a Class A, B, or C as well. Please explain.
- 5) For body worn conditions, the device was tested at 1.5 cm spacing. However the manual shows the device includes a particular holster. It does not appear that the testing took this into consideration. Does the holster or clip contain any metal or ferrous material? If so, should be tested. If the spacing of the EUT is < 1.5 cm, then it also should have been tested.
- 6) Page 48 of the SAR shows 2 hot spots, but the software appears to only have evaluated one. please review.
- 7) SAR plots do not appear to show the relative location of hot spot on device, or outline of device on plot.
- 8) For IC if more than one model is to be approved, then the application must also include a list of all models to be included in the family and sufficient information to show that the devices can be approved under one Certification Number.
- 9) Any explanation as to why the EMC report is from July? Has the device been modified/changed since tested?
- 10) IC requires testing of frequency stability to -30 degrees C. Test data only shows to -20 degrees C.

A handwritten signature in black ink, appearing to read "Timothy R. Johnson".

Timothy R. Johnson  
Examining Engineer

[mailto: tjohnson@AmericanTCB.com](mailto:tjohnson@AmericanTCB.com)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the sender.