

Currently Displaying Inquiry Tracking Number: **950231**

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Contact Information:

Customer First Name: William
Customer Last Name: Graff
Telephone Number: 703-847-4700
Extension:
E-mail Address: hotline@AmericanTCB.com

Address:

Line 1: 6731
Line 2: Suite
P.O. Box:
City: McLean
State: Virginia
Zip Code: 22101
Country: United States

Inquiry Details:

First category: TCB Procedures
Second category: Permit but Ask
Third category: Non-handset SAR
Subject: Part 27

Text of Inquiry:**Inquiry:**

Gentlemen,

Attached please find External Photos, a Test Report and SAR Report for a Part 27 2.5 GHz WiMax PCMCIA card. We have reviewed the filing and seek permission to Grant.

Users manual will be coming shortly

Best Regards,

Bill

Response:

following from KDB pub 450824 appears to be applicable

When other radiating sources instead of reference dipoles are used for system verification, vigorous validations are required to determine SAR target values. SAR measurements with system verifications using

non-standard RF sources should be submitted to the FCC for equipment approval.

Inquiry:

---Reply from Customer on 10/12/2007---

On behalf of Bill Graff, I have been requested to upload a new revised Test report and the Users Manual. Please see attached.

Does this affect the response as provided.

Tim Johnson for Bill Graff.

Response:

preceding FCC response pertains to that SAR report does not use dipole standard source for system verification; new attachments appear to be unrelated to SAR

Inquiry:

---Reply from Customer on 10/28/2007---

The following response is provided by the submitting laboratory for this KDB inquiry:

Response:

per 2.962(f)(5)(i) and KDB 450824 applications containing SAR reports which do not use reference dipoles of type described in IEEE Std 1528 do not qualify for TCB processing, instead should be filed at FCC

Inquiry:

---Reply from Customer on 11/05/2007---

Please find the following revised SAR test report which use standard reference dipole for system validation and also re-conducts the SAR measurements for this device.

Response:

Filing approved for initial e-filing upload contingent upon below items
- when upload complete but before final grant, please respond within this inquiry number to request approval to grant.

- 1) With initial e-filing upload, please identify, justify, and describe:
 - a) specific RF Profiles, certification profiles, test cases, test scripts that are appropriate for and were used to test this device, among those in the applicable conformance documents and standards
 - b) relevant subclause cross-references to RF conformance test documents and standards, also info about availability of applicable standards
 - c) specific modulations, subchannelizations, permutations used for each test
 - d) specific communications test eqpt and setup info and installed options/add-ons
- 2) With initial e-filing upload, please describe how FDD and/or TDD modes are allowed under FCC allocated frequency range, i.e., device channel bandwidths allowed relative to available blocks and block sizes, and how device operates within system using specific paired (uplink/downlink) or unpaired bands
- 3) With initial e-filing upload, please describe smart-antenna and/or beamforming modes if applicable
- 4) SAR report has:

"The conducted output power was measured before and after the test using a wideband peak power meter." With initial e-filing upload, please provide info to show resolution bandwidth of peak-power meter is greater than signal bandwidth (10 MHz), and/or other info to support all related test results.

Inquiry:

---Reply from Customer on 11/14/2007---

Please find the following replies to OET inquiry item-by-item.

Response:**Inquiry:**

---Reply from Customer on 12/12/2007---

11/14/07 "Reply to an Inquiry Response" did not re-set FCC-internal status to "Pending Inquiry"

"Reply to an Inquiry Response" by FCC herein intended to re-set

TCB please notify TCBC to contact FCC about apparent system issues with "Reply to an Inquiry Response" function

Response:

as stated in 11/5/07:

Filing approved for initial e-filing upload contingent upon below items

- when upload complete but before final grant, please respond within this inquiry number to request approval to grant.

after upload but before grant, please reply to this inquiry herein, including TC and / or FCC ID, to request final approval to grant

Attachment List:

[External photos](#)

[EMC Test Report , for internal use only](#)

[SAR test report , for internal use only](#)

[Operational description , for internal use only](#)

[New Revised Test Report](#)

[Users Manual , for internal use only](#)

[revised SAR test report](#)

[SAR Validation Antenna Description , for internal use only](#)

[Reply to OET inquiry](#)