

Chris Harvey

From: EMC [emc@itl.co.il]
Sent: Monday, September 08, 2003 11:07 AM
To: CHarvey@metlabs.com
Subject: RE: RACAM Request for additional information MT#14359

Hi Chris,
Thank you for your response.

1. The statement in page 14 of the test report is an error. The test was performed according to the new FCC Conducted Emission Limit (150kHz-30MHz CISPR 22). Attached is the corrected page 14.
2. Section 3.1 of the report describes that the E.U.T. in normal operation is mounted vertically on a tripod, therefore during the test, the E.U.T. was placed on the test table in the same position. Prior to the final radiated emission test, the E.U.T. antenna was placed in its three orthogonal axes. The vertical position was selected as the maximum emission position.
3. Attached please find a revised letter requesting confidentiality.
4. Information regarding compliance to FCC 15.231 (a)(1), (2) &(3) appears at the end of Section 4.2 of the test report.

Regards

Shaik Raz
EMC Laboratory Manager
EMC Laboratory
ITL (Product Testing) Ltd.
Kfar Bin Nun
Israel
Tel: +972-8-9797799
Fax: +972-8-9797702
Email: sraz@itl.co.il
<http://www.itl.co.il>
<http://www.i-spec.com>

This e-mail message may contain privileged or confidential information. If you are not the intended recipient, you may not disclose, use, disseminate, distribute, copy or rely upon this message or attachment in any way. If you received this e-mail message in error, please return by forwarding the message and its attachments to the sender.

-----Original Message-----

From: CHarvey@metlabs.com [mailto:CHarvey@metlabs.com]
Sent: Friday, September 05, 2003 6:18 PM
To: emc@itl.co.il; davids@itl.co.il
Cc: sraz@itl.co.il; MBosley@metlabs.com
Subject: RACAM Request for additional information MT#14359

David, please review the questions listed below regarding the application for the RACAM Extender Unit (FCC ID: RBU1014411) and respond accordingly:

- 1) The text on page 14 of 46 of the test report indicates Conducted Emissions was performed from 450kHz to 30MHz. However the graphs on pages 16 & 18 of 46 seem to have data from 150kHz to 30MHz. Please state if measurements were performed per the new FCC Conducted Emissions limits, which will allow the unit to be marketed after May 2005.
- 2) ANSI C63.4 requires that hand operated devices be tested in 3 orthogonal axis (re-orient the EUT in 3 planes in addition to rotate 360 degrees) to determine the highest. Additionally, there was no mention of the movement of the EUT antenna (which is moveable) to maximize the emissions. Please clarify these issues, or re-test as appropriate.
- 3) The Confidentiality letter mentions "Operational Description", however there is no such exhibit with that name. Please elaborate if this information is contained in another exhibit, and if it is, it may be required to be separated such that the confidential part is stand-alone.
- 4) I could not find compliance declared or measurements performed for the timing requirements of FCC 15.231 (a)(1), (2) & (3). Please provide the evidence of compliance with these sections as appropriate.

9/8/2003

We will continue to review the documentation and may have further questions as we proceed. Please respond to the above issues by e-mail to my e-mail address and tcbinfo@metlabs.com.

Best regards,

Chris Harvey

Chris Harvey
EMC Lab Director
MET Laboratories, Inc.
1-800-638-6057 x-310