
From: "Kent Stewart" <k_rstewart@msn.com>
To: "Curtis-Straus Certification Dept." <certification@curtis-straus.com>
Sent: Tuesday, January 14, 2003 9:05 AM
Attach: 02-186Areport.doc; manufacturers letter.doc
Subject: Re: HQ FCC ID: QQBHT130022 "REPLY"

Hi Barry,

The following is in reply to you email.

1. The 10KHz bandwidth reference was a typographical error. For confirmation of this please view the pictures provided with the report, which show the RBW set to 100Khz. For your use I am including a revised report to show the appropriate RBW.
2. As discussed on the telephone HQ, Inc. will be in full charge of the modules design and intends to provide the regulated DC switching power with units that require connection to the AC mains. Additionally, a note to the user shall also be included the manual to use only the power supply provided with the equipment, (See the attached manufacturers letter).
3. I have re-evaluated the module for compliance to the new conducted emission limits. All signals in the 150KHz to 450KHz range, (i.e. range not previously evaluated) were a minimum of 25dBuV below the limit and therefore are not included in the revised report, (see attached revised report). Please use the "CE" note on the approval since this device has shown compliance with the conducted emissions limits in 15.107 adopted under FCC02-157 (ET Docket 98-80) and may be marketed after July 11, 2004 and is not affected by the 15.37(j) transition provisions.
4. Yes a 50 ohm/ 50uH LISN was used during conducted testing.
5. The manual is being revised to indicate to the user to use only the provided shielded cables provided with the product, (see the attached manufacturers letter).

Please let me know if the manufacturers letter for items 2 and 4 are sufficient information.

Thank you
Kent Stewart
EMC Testing Laboratories
PH; 770-475-8819 ext. 13

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

From: [Curtis-Straus Certification Dept.](#)
To: [Kent Stewart](#)
Sent: Friday, January 10, 2003 5:53 PM
Subject: HQ FCC ID: QQBHT130022

Hi Kent,

Our reviewers have identified the following issues:

1. The write-up on page 15 of the test report states that a 10KHz minimum bandwidth was used for the fundamental emissions measurements. Is this a typographical error? 100KHz is the minimum RBW proscribed. If not an error, please provide new data measured with a 100KHz or greater RBW.
2. Please provide data responsive to the voltage variations requirements of 15.31(e).
3. We note that you have elected to use the old limits for line conducted emissions. This will result in a grant note

revoking the grant on July 10, 2005.

4. Please confirm a 50 ohm/50 uH LISN was used during the conducted tests.

5. The manual does not state that a shielded RS232 serial shall be used.

Best regards

Barry C. Quinlan
Certification Manager
Curtis-Straus TCB