

FCC ID: NYD86XX

Response to TCB questions

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

From: Certification Manager [SMTP:certification@curtis-straus.com]

Sent: Monday, April 02, 2001 3:04 PM

To: Davida Hanson

Cc: David Light

Subject: FCC ID: NYD86XX

Hi Davida,

We have identified the following issues during our review of the application:

1. The 731 form and part of the test report indicates that this is an 88mW unit. The only test data we can find is in the radiated measurement section since this has a non-detachable antenna. It measures 22mW. Please explain the 88mW rating.

Response - The form was filled out incorrectly using data from the other EZ Pro product. The rating should be 22 mW. Do we need to submit a new form or can you make changes to the one you have?

2. On page 15 of the test report, when the slave transmitter is hopping to the next channel while searching for a master unit, is it following a pseudo-random sequence?

Response - Yes, both the master and slave are always following a pseudo-random sequence.

3. Please tell us the receiver input bandwidth for this transmitter.

Response - 80 kHz

4. Please provide data responsive to 15.31(e).

Response - Voltage was varied from 98 Vac to 132 Vac and verified as having no affect on Rf power output.

5. Please confirm that the LISN used was a 50 Ohm/50uH model.

Response - Yes, the Schwarzbeck Model 8120 LISN is 50 ohm/50 uH

6. Please tell us the estimated antenna gain.

Response - 0 dBi

7. For the radiated emissions table, please explain how compliance is shown with the 74dBuV/m peak emissions limit. Usually we see peak and

average measurement data. Please provide peak measurement data. See 15.35 (b).

Response - Sorry Barry, the data sheet is marked incorrectly. Measurements were taken using Peak detection with Average limits applied. Attached is corrected data sheet.

<<restricted band emissions base2.xls>

8. We need an MPE calculation to prove that the device is safe at 20cm.

Response - MPE calculation attached

<<MPEPrediction.pdf>

9. The users manual does not contain any RF exposure warning statements. For a mobile unit the appropriate wording is - "IMPORTANT NOTE: To comply with FCC RF exposure compliance requirements, the following antenna installation and device operating configurations must be satisfied - The antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

Response - The MPE calculation is above. Also, the device is a base unit and is to be permanently mounted to a wall and therefore should not need the statement. TCB note – it was later agreed the unit would be classified as mobile.

10. Please arrange for the attached certification agreement to be completed and signed.

Best regards

Barry C. Quinlan
Certification & Telecom Manager

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<< File: Agreement.PDF >>