

Dennis Ward

From: Kathy Grzovic [kgrzovic@rheintech.com]
Sent: Wednesday, September 01, 2004 2:24 PM
To: Dennis Ward
Subject: RE: Response Uploaded for Comments on 3eTI QVT-525A_ATCB001612
Importance: High

Hi Dennis:

I have just uploaded a revised test report, a revised RF exposure exhibit, a revised manual, and an attestation letter from the client. Please review at your earliest convenience, and advise. We'd really like to get a grant soon for this new client, if we're close. I've got some responses to some of your questions below as well.

Thanks VERY MUCH Dennis!

Kathy

1. Must show MPE with each transmitter by itself and then add the two to show that when both are transmitting they still meet the limit .

Response: Please see revised RF exposure exhibit uploaded with this response.

2. Your class A limits are still wrong. Please note that if this device is sold to the general public and/or if it is used in a home environment it cannot be class A, but must be Class B. Please note that the statement on page 55 (64 of the pdf) in the new manual says, "Key management becomes increasingly difficult as the number of clients increases, but the use of WEP encryption on small office or home wireless networks provides some measure of security." This clearly indicates that the use of this device **can be in the home – mandating Class B for digital devices**. If Class A digital device is to be claimed, how is this device restricted from home use?

Response: Please see revised manual and attestation letter uploaded with this response.

Also, please note that the FCC has said that all receivers must meet Class B not Class A. You should remove the digital device data from the report as this is self declared and is not needed, and retest for class B compliance ASAP; and you need to provide verification that the device receiver meets Class B. This goes along with the idea from the comments that the device is not compliant. Please note the email comment from Rich Fabina of the FCC it states, "Tim, You are correct. The LabHelp inquiry stating that receivers may meet the Class A or B limits is WRONG. Receivers must always meet the Class B limits. We need to find out who sent out incorrect information. rich"

Response: Thank you for the clarification. Please note p27 of the original report stated that receiver emissions were investigated with respect to Class B limits and no receiver emissions were observed. Digital emissions were indeed investigated with respect to Class A limits (please see response above for attestation that the device is solely for use in a commercial, industrial or business environment). We have revised the report to remove digital/receiver data; this data is contained in a verification report.

If these issues can be addressed in the next few days, I can go ahead and issue the grant with a confirmation email from you.

3. Also, please note that the antenna R&O mentioned in the antenna document is not in affect yet, so it does not apply and cannot be used for certification. When it appears in the federal register it will still be awhile before it takes affect.

Response: Thank you for the clarification. Please utilize the original antenna specifications documents that was uploaded to ATCB.