

**From:** CEkyle@aol.com

**Sent:** Thursday, June 14, 2001 3:34 PM

**To:** MikeKuo@ccsemc.com

**Subject:** Re: Xircom FCC ID:J3OR2BT001, AN01T1344

Mike,

Because the Response Notes will not allow us to upload a response at this time regarding the question, I am responding here (Note: The test report and data are also attached here, due to the driver errors that keep showing up on the website).

Regarding the rated RF power output and why there is a difference. The rated RF power on the TCB application form is incorrect. The number we put represented the highest power output a Bluetooth Power Class 2 device can have. The actual output from the CSR chip is only 1 mW (or 0 dBm). **Please correct the TCB application to reflect a power output of 1 mW (0 dBm).**

A Bluetooth Power Class 2 device must have the **highest output power** to be a minimum of 0.25 mW (-6 dBm), but a maximum of 2.5 mW (4 dBm). Our highest output power for this unit is 1 mW (0 dBm) -- which is nominal for a Bluetooth Power Class 2

Note: This CSR chip can only output a maximum of 1 mW (0 dBm). A revision 2 CSR chip (**which is currently being tested by us -- but not yet approved**) will be able to provide the maximum rated power allowed for a Bluetooth Power Class 2 device which is 2.5 mW.

So to summarize, the unit that you are approving right now has a Rev. 1 CSR chip which has a maximum output of 1 mW (0 dBm).

The test report will also be re-uploaded, I took out the description of the transmitter (which was the last page). The description was already in the operational description.

The test report will also be re-uploaded. I separated the Report Body and the data sheets (Appendix D) so that both are now under 3 MB each. Attached will be the Report Body and Data sheets and separate files -- you will have to unzip them first.

If you have any further questions, please call me at (714) 579-0500.

Thank you,

Kyle Fujimoto

CEkyle@aol.com

Compatible Electronics -- Brea Division

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

**From:** CEkyle@aol.com [mailto:CEkyle@aol.com]

**Sent:** Monday, June 04, 2001 9:32 AM

**To:** mikeKuo@ccsemc.com

**Subject:** Questions regarding additional info for Assessment No: AN01T1344

Mike,

Thank you for getting to the package in a timely matter. I do have some questions regarding the additional information:

1. For the owner's manual (Question #1) -- Is the ENTIRE manual necessary (I know how FCC is getting with this one -- I guess no more just trying to send in just parts of the manual and explaining where the statements will go) -- Also, is a preliminary copy of that OK?

2. Regarding Question #3: "**Please provide an example of the hopping sequence channels**". I am not sure what you exactly need. Do you need a technical description showing why and how the channels frequency hop? Do you need a spectral plot and a table showing a random sequence being generated? Or do you need a list of all the channels and their frequencies?

Also we will be re testing the Carrier Frequency Separation and the plot showing the # of hopping frequencies to address Questions #2 and #4.

Please get back to me regarding this ASAP, and then I will respond to the questions and send in the necessary additional exhibits.

Thank you,

Kyle Fujimoto  
CEKyle@aol.com  
Compatible Electronics -- Brea Division