Scott McCutchan

To: Kyle Fujimoto
Subject: FCC ID: Q4W55M1073-01

Mr. Fujimoto,

In order for processing of this application (FCC ID: Q4W55M1073-01) to continue, the following issue(s) will have to be addressed:

1) On the FCC Label, the term "FCC ID:" must be on the same line as the identifier itself, it cannot be below it. Also, what type of material is the label made from? Also, a sample label with the actual grantee code should be submitted, instead of "xxx". Also, please include a sample of the label that would go on the outside of a product in which the module is installed.

2) Page 17 of the body of the test report states that measurements between 30 MHz and 1 GHz were performed at a distance of 10 meters, but the data sheets state that it was tested at 3 meters. Please clarify.

3) The operational description appears to address only this particular installation (connected to a serial board), and this is a modular approval. Is the port on the actual module itself serial? The description should describe the module itself in more detail.

4) Please indicate the type of antenna used on the module.

5) Section 4 of the "modular approval information" exhibit infers that antennas, other than which the device was tested with can be used. Only the antenna which is contained within the application may be used on the device.

6) The user's manual states "antenna(s)" used with this transmitter..." This should be modified to say "antenna" since only one antenna was included in this application.

7) Prior to, and in addition to the statements in the users manual regarding the 20 cm spacing, something to the effect of "IMPORTANT NOTICE: To comply with the FCC RF exposure, compliance requirements, the following antenna installation and device operating configurations must be satisfied:".

8) The schematics submitted do not appear to be complete schematics. The block diagram indicates 32 MHz and 32 kHz crystals, which are not present on the schematics. Please submit a complete set of schematics.

9) The internal photographs are not sufficient. Photos should also be taken with the metal shields removed.

10) The block diagram is not sufficient per FCC Rule Section 15.1033(b)(5). It should indicate all frequencies at each block.

The item(s) indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 60 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted.

Please upload your response to our electronic filing website using a correspondance number of "Q4W55M1073-01-1".

If you have any questions, feel free to contact me.

Best regards,

Scott McCutchan
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Correspondence by Project

Project Number:

-1101686601

Correspondence Number	Memo
Q4W55M1073-01-1	1. The FCC-ID Label has been revised. (See Upload Section) The material will be on page 2 of the revised FCC-ID Label exhibit. The sample label that would go on the outside of a product will also be uploaded (See Upload Section) 2. The test procedure has been updated to refelect all testing was done at 3 meters on page 17. Please see the revised test report in the upload section. 3. The operational description has been revised to clearly state that the module is a Bluetooth Module with a serial interface and that the serial board was only an accessory used to get the Bluetooth Module to change channels and modes for testing purposes. The serial board is only a repersentative board. Six inch cables were placed between this board and the Bluetooth Module to keep the Bluetooth Module a stand alone unit. This is because normally the serial board is connected DIRECTLY to the Bluetooth Module. Please see the Upload Section for the Revised Operational Description 4. The antenna used on the module is a chip antenna. Plaese see the exhibit attached. 5. The Modular Approval Information exhibit has been revised remove anything inferring that it can be used with other antennas. The unit will only be used with the

	antenna shown in the antenna information. 6. The user manual has been change to say antenna. 7. The users manual has been revised to include the statement requested. Please see Revised users manual in the upload exhibits. 8. The schematics are correct. The confusion was the block diagram did not clearly show that the crystals were inside of U1. The original block diagram ended up showing what was inside U1 instead of showing the circuitry around U1. 9. The pictures have also been taken with the shields off. See the additional pictures in the upload exhibits. 10. The Block Diagram has been revised as requrested. It now clearly shows the crystals inside of U1 and also shows the circuitry leaving U1. The original block diagram did NOT show the circuitry outside of U1.