

Q & A:

Dear Wei Lee,

You are listed as the Technical Contact for the above referenced TCB & IC-CB applications. The following item(s) need(s) to be resolved before the review can be continued:

1. The MPE exhibit indicates that the Power Density limit for this 2.4GHz device as 0.6mW/cm², where the actual limit for this device is 1.0mW/cm² (please note this for future applications). Please also correct

the MPE section of the RF Test Report.

-----see revised report and MPE info.

2. Please provide the antenna specification exhibit for the antenna used on this module.

-----Antenna info is attached.

3. Please provide replacement EUT photos that show the entire PC Board and are clearer. There are photos that include the Hosting Unit, which

appear to show the antenna on a board other than the antenna. The replacement EUT photos should clearly show the EUT board, including all

components and antenna.

-----this is small PCB board with specified antenna. The picture became unclear when it was change to PDF format. I attached its jpeg format.

4. Please note that the Parts List exhibit has been submitted with this application, although it is not required to be submitted with Part 15 devices. This exhibit is not currently included in the confidentiality request. Please confirm that it is OK to remove this parts List exhibit from this application. If you wish to keep the Parts List in these TCB and IC applications and wish for them to be held confidential, please submit an updated Confidentiality request letter.

-----please remove the parts list.

5. There are several FCC & IC FHSS requirements that are not yet declared as being compliant in the application referenced above. These requirements are automatically deemed compliant if the device meets the Bluetooth Specification. The device is called a Bluetooth device; however there is no clear statement that the device complies

with the Bluetooth CORE specification. Please either provide a declaration with the Bluetooth CORE Specification (please include version) or provide individual declarations of compliance with the following items needed for FCC 15.247 compliance:

Is the hopping sequence pseudorandom, based on the technical description?

Is each channel used equally on average, based on the technical description?

Does the associated system receiver have a compliant input bandwidth, based on the measured 20 dB emission bandwidth?

Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?

Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

Does the frequency hopping system comply with the non-coordination requirement?

-----Please see attached Bluetooth declaration (similar to BT010M)

6. The RF test report documents 3.97dBm power on page 4 of 61, but this is a 100mW unit and the power data on page 21 confirms this. Please correct the test report error.

----- see revised report.

7. Please submit revised Modular Approval Letter and Confidentiality Request Letter to include the FCC ID and IC No. for this device/application(s).

-----FCC ID and IC No. are shown on Page 2 of MAL. See revised Confidentiality letter too.

8. Please submit a revised RSS-102 Declaration Annex A with section 4(c) completed.

----- please see revised RSS-102 AnnexA/B.

9. The IC filing requires a listing of Receiver Spurious Emissions since this device contains a receiver. Please revise the RSP-100 Appendix II Test Report Cover Sheet to include the worst case value for the Receiver spurious emissions.

----- see revised RSP-100 with system noise level info.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the

requested information within 30 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. Any questions about the content of this correspondence should

be directed to the e-mail address listed below the name of the sender.

Best regards,

Chris Harvey
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