

TCB questions and answers

Reply from applicant 2008-02-01

Here are the answers to your comments.

1. The device has a USB connector for charging the battery.

If the AC/DC adaptor is connected to USB port, the device is RESET and turns OFF. And also the device has no serial port interface.

See submitted schematics. The serial interface (UART TX/RX) is not connected to the USB port. The only SPI interface and CHARING circuit are connected to the USB port (SPI interface could be used as a parallel port when a TEST JIG is provided).

The function of the USB connector provided to end-user is for charging the battery only. So the end-user can not use the USB port as a computer peripheral, although the SPI interface can be used for the Manufacturer to upgrade the Firmware and to inspect the products in mass production process.

2. As you mentioned, the Bluetooth chip (BC04) supports EDR mode. However the model KHM-210 does not support the EDR function with the Firmware (EDR Option turned OFF). The KHM-210 has already Bluetooth SIG certification as below link.

http://www.bluetooth.com/Bluetooth/Products/Products/Product_Details.htm?ProductID=4726

I gave the customer a question regarding EDR option. However the SIG certification does not include EDR option ON/OFF.

TCB Questions 2008-01-31

1. The device has a USB connector. The USB is used to connect to the serial port interface of the bluetooth chip. The device can therefore be classified as a computer peripheral. Class B computer peripherals are subject to either DoC or Certification. Due to the latest FCC interpretation, we must ensure that all portions of the filing are properly authorized before we issue the grant.

For the computer peripheral you have the choice between DoC or Certification:

- A. If the applicant chooses to obtain a DoC rather than Certification, the filing must include an attestation from the grantees confirming that they use the DoC procedure. In addition the label must include the FCC logo.
- B. If the applicant wishes to receive Certification for the computer peripheral, you need to submit an additional Form 731 for equipment class JBP and a test report showing compliance with Sections 15.107 and 15.109 Class B limits. We will then issue two grants under the same FCC ID, one for Part 15C and one for Part 15B (composite device).

2. The bluetooth chip supports enhanced data rate for both 2Mbps and 3Mbps modulation modes. However, the test report contains measurement data only for basic data rate. Can you please explain.

Best regards,
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