

Chris Harvey

From: 조성규 [skcho@ktl.re.kr]
Sent: Tuesday, July 04, 2006 12:43 PM
To: Chris Harvey ; skcho@ktl.re.kr
Cc: charvey-tcb@ccsemc.com; helen.zhao@ccsemc.com
Subject: [답장] RE: [답장] Ezze Mobile Tech., Inc, FCC ID: RV2EZ800, Assessment NO.: AN06T5903, Notice#2
Attachments: EZ800_User_manual.pdf

Dear Chris

The cable isn't used for data transmission, they abandon data transmission , because of EMI problem.

So, they delete all parts about data transmission from user manual, but there's mistake.

I attached revised user manual.

Did you finish review and When can i expect FCC grants?

Many thanks for your corporation.

Best Regards,

sung-kyu Cho

--원본메시지--

송신 : Chris Harvey <charvey@ieee.org>

수신 : '조성규' <skcho@ktl.re.kr>;

참조 : charvey-tcb@ccsemc.com; helen.zhao@ccsemc.com;

날짜 : 2006.07.04 22:48

제목 : RE: [답장] Ezze Mobile Tech., Inc, FCC ID: RV2EZ800, Assessment NO.: AN06T5903, Notice#2

Dear SK Cho,

I have received the response and replacement exhibits. You have indicated that the USB Data Cable is only for charging. Please note that the note on page 26 of the Users Manual states:

Note: The USB data cable from your package is used for both data transmission and power charging cable, however, the charging level will differ from the travel charger.

If this is not a correct statement about data transmission, please revise the manual. If the cable is used for data

7/4/2006

transmission, please provide the compliance information about the Computer Peripheral portion of this device.

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com

From: 조성규 [mailto:skcho@ktl.re.kr]
Sent: Monday, July 03, 2006 1:35 AM
To: charvey-tcb@ccsemc.com; skcho@ktl.re.kr
Cc: charvey-tcb@ccsemc.com; helen.zhao@ccsemc.com
Subject: [답장] Ezze Mobile Tech., Inc, FCC ID: RV2EZ800, Assessment NO.: AN06T5903, Notice#1

Dear chris

Thanks for your clear explanation.

These are my answers.

1. The Confidentiality Letter requests that the internal photos be held from public inspection. Please note that the FCC does not routinely allow internal photographs to be held confidential unless a strong justification is provided as to how the internal components would never be visible by the public (i.e. the device is not offered for sale to the public, is behind locked cabinets, etc., components under permanently attached/soldered shield). Please provide a revised confidentiality letter to include either a stronger justification for the internal photographs to be withheld from public inspection or remove the internal photos from the list.

[I attached revised confidential letter.](#)

2. The 15.247 test report states that the Radiated Spurious emissions were performed in accordance with FCC 15.249. These radiated measurements of the restricted band frequencies should be documented as complying with the 15.247(d) requirements. Also, the note 4 on page 14 of 26 indicates that the emissions were measured up to 5GHz, when the measurements are required to be performed up to the 10th harmonic, or 24,820 MHz. Please ensure the testing was performed correctly, document the details of the test procedures used (for every test in the reports) and update the test report with the new compliance data.

[I attached revised test reports.](#)

3. FCC 15.247 (a)(1) requires:

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

Pease provide the 20dB bandwidth measurement to show compliance with this requirement.

[I put the 20 dB bandwidth measurement graph on 25 page of the test report.](#)

4. Section X.I. (page 25 of 26) of the FCC 15.247 test report is titled Dwell Time (of) 15.247(b). Please note that

FCC 15.247 (b) is the requirement for output power. Also, FCC 15.247(a)(iii) has requirements for Average Time Of Occupancy which are not documented in the test report. Please ensure that these measurements are performed for the different packet lengths for this device and documented in the test report. This FCC rule part is copied below for your reference.

(iii) Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

[Check on 26~29 pages of the test reports.](#)

5. Please provide declaration of compliance with the following FCC 15.247 FHSS requirements:

- 15.247(h) Does the frequency hopping system comply with the non-coordination requirement?
- 15.247(g) Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

If this device is Bluetooth Compliant, please just provide the BQB Certificate, which automatically declares compliance with these FCC requirements.

[I declare the the conformity about 15.247\(h\) and \(g\) on page 3.](#)

6. This device contains a USB port for data connection to a computer, which means the FCC classifies this as a Computer Peripheral. This means that the digital portion must be approved by Declaration of Conformity (DoC) or Certification. Please provide the evidence of DoC compliance (FCC Logo on label and laboratory that performed the testing) or provide an additional application for the Certification of the Computer Peripheral portion of this device (additional Certification fees would apply).

[It's not USB port. This port is used when charging battery and connect earphone. In addition to they don't provide data cable and this device doesn't connect to PC. So, this device isn't PC peripheral device.](#)

[I attached user manual. Please, refer to user manual.](#)

Best Regards

sung-kyu Cho

--원본메시지--

송신 : <charvey-tcb@ccsemc.com>

수신 : skcho@ktl.re.kr;

참조 : charvey-tcb@ccsemc.com; helen.zhao@ccsemc.com;

날짜 : 2006.07.01 00:41

제목 : Ezze Mobile Tech., Inc, FCC ID: RV2EZ800, Assessment NO.: AN06T5903, Notice#1

Dear SK Cho,

I have reviewed the above referenced TCB application for the Bluetooth portion (Handset

portion is under assessment number AN06T5902 and addressed separately). The following items need to be addressed before the application review can be completed:

1. The Confidentiality Letter requests that the internal photos be held from public inspection. Please note that the FCC does not routinely allow internal photographs to be held confidential unless a strong justification is provided as to how the internal components would never be visible by the public (i.e. the device is not offered for sale to the public, is behind locked cabinets, etc., components under permanently attached/soldered shield). Please provide a revised confidentiality letter to include either a stronger justification for the internal photographs to be withheld from public inspection or remove the internal photos from the list.

2. The 15.247 test report states that the Radiated Spurious emissions were performed in accordance with FCC 15.249. These radiated measurements of the restricted band frequencies should be documented as complying with the 15.247(d) requirements. Also, the note 4 on page 14 of 26 indicates that the emissions were measured up to 5GHz, when the measurements are required to be performed up to the 10th harmonic, or 24,820 MHz. Please ensure the testing was performed correctly, document the details of the test procedures used (for every test in the reports) and update the test report with the new compliance data.

3. FCC 15.247 (a)(1) requires:
 Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
 Please provide the 20dB bandwidth measurement to show compliance with this requirement.

4. Section X.I. (page 25 of 26) of the FCC 15.247 test report is titled Dwell Time (of) 15.247(b). Please note that FCC 15.247 (b) is the requirement for output power. Also, FCC 15.247(a)(iii) has requirements for Average Time Of Occupancy which are not documented in the test report. Please ensure that these measurements are performed for the different packet lengths for this device and documented in the test report. This FCC rule part is copied below for your reference.
 (iii) Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

5. Please provide declaration of compliance with the following FCC 15.247 FHSS requirements:

- 15.247(h) Does the frequency hopping system comply with the non-coordination requirement?
- 15.247(g) Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

If this device is Bluetooth Compliant, please just provide the BQB Certificate, which automatically declares compliance with these FCC requirements.

6. This device contains a USB port for data connection to a computer, which means the FCC classifies this as a Computer Peripheral. This means that the digital portion must be approved by Declaration of Conformity (DoC) or Certification. Please provide the evidence of DoC compliance (FCC Logo on label and laboratory that performed the testing) or provide an additional application for the Certification of the Computer Peripheral portion of this device (additional Certification fees would apply).

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
charvey-tcb@ccsemc.com