Chris Harvey

From: 조성규 [skcho@ktl.re.kr]
Sent: Monday, July 30, 2007 2:36 AM
To: charvey-tcb@ccsemc.com
Subject: RE: SEGI LIMITED, FCC ID: VA5JR2W8000R, Assessment NO.: AN07T7027, Notice#1

Attachments: revised documents.zip; 2W8000R_Test Report.pdf


revised documents.zip (2 MB)


2W8000R_Test Report.pdf (578 K...

Dear Chirs

Sorry for late reply.
These are my answers.

1. Please confirm which versions of ANSI C63.4 and RSS-210/RSS-GEN have been used to perform the measurements in the test report, and update the test report accordingly.
Ans) I put versions of ANSI C63.4 and RSS-210/RSS-GEN on cover page.

2. The FCC ID listed in the various exhibits is not consistent. The External Photos, Timing Diagram and Label exhibits show the FCC ID label with FCC ID: VA5J2W8000R. The Schematic Diagram has FCC ID: VA52W8000R.
This does not agree with the Application Form 731, Users Manual and the test report which have listed FCC ID: VA5JR2W8000R. Please confirm the FCC ID for this application and update the incorrect exhibits.
Ans) I attached revised External photos, Timing Diagram and Label, schematic diagram.

3. Please confirm that this device transmits with Pulse Modulation at 433.92 MHz and not Frequency Modulation or 447MHz (as stated in the manual). Does this device receive an FM signal? Is there an associated transmitter with which this device operates, and if yes, what is the FCC ID of that transmitter? Please correct any incorrect exhibits as needed.
Ans) This device uses FSK modulation(pulse coded signal). This device receive an FM signal.
I attached revised USER Manual.(modifiy frequency) The associated transmitter is N99JANT2W.

4. Please show the calculation of the limit for fundamental and spurious emission limits.
Ans) Refer to test report on page 6.

5. FCC 15.231(a) indicates that Data is allowed to be transmitted with a control signal. Please confirm that if data is transmitted that there is always a control signal in the transmission. Please provide additional technical specification to ensure that this device always transmits in accordance with the requirements of 15.231. Are there any automatic transmissions or does this only transmit when a button is pressed?
Ans) I attached revised Transmit timing diagram. The data is transmitted always with a control signal and there's no automatic transmissions.
This device always transmits in accordance with the requirements of 15.231

6. The test setup photos show the EUT arranged in one position. ANSI C63.4:2003 requires the EUT to be oriented in the 3 orthogonal axes (x, y & z) to determine the worst case emissions. Also, the test report does not indicate if the receive antenna was positioned in the Horizontal and Vertical positions to determine the worst case orientation. Please confirm that this device was tested in all 3 orthogonal axes (orientations) and both receive antenna polarizations and update the test report accordingly.
Ans) I attache revise setup photo. All tests The receive antenna was positioned in the

Horizontal and Vertical positions to determine the worst cas orientation. Please refer to test report on page 5 & 12.

7. Since this device contains digital circuitry that is regulated by FCC 15 Subpart B, the Users manual information of 15.105 is required to be included in the Users Manual. Please update the Users Manual to include the required information from FCC 15.105.
Ans) We regard this device as FM broadcast receiver. FM broadcast receiver(Verfication) doesn't need information from FCC 15.105.

8. Please confirm that you did not wish for any exhibits to be held as Confidential in accordance with FCC 0.457 & 0.459.
Ans) I attached Confidential letter.

Thanks.

Best Regards,
sung-kyu Cho

-----Original Message-----
From: charvey-tcb@ccsemc.com [mailto:charvey-tcb@ccsemc.com]
Sent: Saturday, July 21, 2007 3:48 AM
To: skcho@ktl.re.kr
Cc: charvey-tcb@ccsemc.com
Subject: SEGI LIMITED, FCC ID: VA5JR2W8000R, Assessment NO.: AN07T7027, Notice#1

Dear Sung-Kyu Cho,

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

1. Please confirm which versions of ANSI C63.4 and RSS-210/RSS-GEN have been used to perform the measurements in the test report, and update the test report accordingly.

2. The FCC ID listed in the various exhibits is not consistent. The External Photos, Timing Diagram and Label exhibits show the FCC ID label with FCC ID: VA5J2W8000R. The Schematic Diagram has FCC ID: VA52W8000R.
This does not agree with the Application Form 731, Users Manual and the test report which have listed FCC ID: VA5JR2W8000R. Please confirm the FCC ID for this application and update the incorrect exhibits.

3. Please confirm that this device transmits with Pulse Modulation at 433.92 MHz and not Frequency Modulation or 447MHz (as stated in the manual). Does this device receive an FM signal? Is there an associated transmitter with which this device operates, and if yes, what is the FCC ID of that transmitter? Please correct any incorrect exhibits as needed.

4. Please show the calculation of the limit for fundamental and spurious emission limits.

5. FCC 15.231(a) indicates that Data is allowed to be transmitted with a control signal. Please confirm that if data is transmitted that there is always a control signal in the transmission. Please provide additional technical specification to ensure that this device always transmits in accordance with the requirements of 15.231. Are there any automatic transmissions or does this only transmit when a button is pressed?

6. The test setup photos show the EUT arranged in one position. ANSI C63.4:2003 requires the EUT to be oriented in the 3 orthogonal axes (x, y & z) to determine the worst case emissions. Also, the test report does not indicate if the receive antenna was positioned in the Horizontal and Vertical positions to determine the worst case orientation. Please confirm that this device was tested in all 3 orthogonal axes (orientations) and both receive antenna polarizations and update the test report accordingly.

7. Since this device contains digital circuitry that is regulated by FCC 15 Subpart B, the Users manual information of 15.105 is required to be included in the Users Manual. Please

update the Users Manual to include the required information from FCC 15.105.

8. Please confirm that you did not wish for any exhibits to be held as Confidential in accordance with FCC 0.457 & 0.459.

Please note that the Industry Canada application Assessment No. AN07I2114 will be addressed separately.

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