Chris Harvey

From: Claire Hoque [claire.hoque@ccsemc.com]

Sent: Thursday, October 23, 2008 4:21 PM

To: Chris Harvey; Chris Harvey -TCB

Cc: Shizuka Kamakura; Mika Kaneko; Thu Chan

Subject: 08J11938 answer: Topcon America Corporation, FCC ID: LCB-080511 IC No.: 6050B-080511, Assessment NO.: AN08T8495 & AN08I2644, Notice#1

Attachments: 08J11938-1 RSS-102 Annex A and B_Revised.pdf; 08J11938-1 RSP-100 Appendix II_Revised.pdf; RH-1_USER_MANUAL_102208.pdf; 08J11938-1B Setup Photos.pdf; 08J11938-1B FCC IC 900MHz FHSS Report_Revised.pdf

Hi Chris,

Pls see answer below.

Thanks,

Claire Hoque
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Fremont, CA 94538, USA
Tel: (510) 771-1123
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-----Original Message-----
From: Chris Harvey
Sent: Monday, October 20, 2008 10:07 AM
To: Thu Chan
Cc: Chris Harvey; Claire Hoque
Subject: Topcon America Corporation, FCC ID: LCB-080511 IC No.: 6050B-080511, Assessment NO.: AN08T8495 & AN08I2644, Notice#1

Dear Thu Chan,

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. These TCB applications are being filed under the Grantee Code of LCB for Topcon America Corporation. The reports have been prepared for Topcon Positioning Systems, Inc. which has a separate Grantee Code of WR4. The IC application has been filed under Company Number 6050B, which is for Topcon Positioning Systems, Inc. Please confirm that this information is correct.
<Answer #1>Confirmed.

2. Please address the co-located MPE of the Bluetooth transmitter(s) and the 902-928 MHz transmitter in this application (combined MPE). Also, you must address the possible co-location of the radio units that can transmit simultaneously that will be installed into this Radio Holder device.
<Answer #2> Please see revised test report and setup photos.

3. The Users Manual submitted with this application indicates that the 410-470MHz

radio is installed, and the SA915 (is this the 902-928 MHz radio). Please confirm which radios are installed in this EUT device.
<Answer #3>
FH915 Modem is installed into this EUT. Attached please find the revised Users Manual.

4. The results tables in the test report for the 902- - 928 MHz transmitter incorrectly state 'Number of pulses in 10 seconds', when the plot and text states number of pulses in 20 seconds. Please change the typo in the results tables.
<Answer #4> Please see revised test report and setup photos.

5. The Operational Description of the 902 - 928 MHz FHSS transmitter does not indicate if the following FCC and IC FHSS requirements are met:
Is each of the 128 'random' channels used equally on average?
Does the associated system receiver have a compliant input bandwidth, based on the measured 20 dB emission bandwidth? The required equivalent input bandwidth may be realized in either hardware or software.
Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?
<Answer #5>
1. Yes all frequencies used equally on average.
2. Equivalent input bandwidth is realized in hardware and matched with signal spectrum bandwidth.
3. Yes of course. Receiver has the ability to hop in synchronization with the transmitter. This is main idea of such modem.

6. The Annex A&B exhibit submitted with the IC application includes a checked box for measured SAR (not correct) and does not include the RF Evaluation data for Duty Cycle, Standard, Measurement distance (n/a) and RF Value /units (combined MPE). Please submit an updated Annex A&B exhibit with all the required information completed.
<Answer # 6 >Please see revised IC document.

7. Please provide a justification of the Industry Canada emission designators 140KGXW/142KG7W; 928KGXW/125KG7W.
<Answer # 7 >Please see revised IC document.

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