

Chris Harvey

From: Claire Hoque [claire.hoque@ccsemc.com]
Sent: Tuesday, January 30, 2007 5:57 PM
To: Chris Harvey
Cc: Julia Luke
Subject: answer: GEOTRAX PROTECTION LLC, FCC ID: Q2USNT250, Assessment NO.: AN06T6304, Notice#2

Attachments: GSM0108 - FCC Part 24 report.pdf; GSM0108 - FCC Part 22 report.pdf; 06U0619-1C FCC PART 22 and 24 Report.pdf; Comparison Photos.pdf; GSM0108MG800_Schematic RevB.PDF; additional internal photos.pdf; User Manual(revised).pdf; 06U10619-2 FCC PART 95 Report.pdf; SNT250-Parts_List.pdf; GT1040-parts_list.pdf; GSM0108 module Parts List.PDF; Confidentiality Letter(revised).pdf; FCC Label(revised).pdf; Theory of Op.(revised).pdf



GSM0108 - FCC
Part 24 report.p...



GSM0108 - FCC
Part 22 report.p...



06U0619-1C FCC
PART 22 and 24 ...



Comparison
otos.pdf (259 KB)



GSM0108MG800_Sc
hematic RevB.PD...



additional internal
photos.pdf...



User
ual(revised).pdf (2 M



06U10619-2 FCC
PART 95 Report...



SNT250-Parts_List.
pdf (38 KB)



GT1040-parts_list.p
df (38 KB)



GSM0108 module
Parts List.PDF ...



Confidentiality
Letter(revised...



FCC
l(revised).pdf (66 Kb)



Theory of
p.(revised).pdf (26.

Hi

Chris,

Pls see answe below, thanks.

-----Original Message-----

From: Chris Harvey
Sent: Monday, December 04, 2006 5:36 AM
To: Michael Heckrotte
Cc: Chris Harvey; Claire Hoque; Thu Chan
Subject: GEOTRAX PROTECTION LLC, FCC ID: Q2USNT250, Assessment NO.: AN06T6304, Notice#2

Dear Michael Heckrotte,

You are listed as the technical contact for the above referenced TCB application. The following is an updated list of items that are needed before the application review can be completed:

1. This application is for a new, original certification of a composite device operating in FCC Parts 22H, 24E and 90. The RF test report for Pt. 22/24 states:

"Since the EUT used the same output powers as previously and the antenna with a maximum gain of 0dBi, thus all tests were performed only on radiated emissions."

However, since this application is for an original device, the entire application must stand alone, documenting complete compliance with all of the appropriate Rule Parts.

<answer>report is revised, attached. Attached pls also find module reports.

2. There is a description of 2 models (SNT-250 and GT1040) indicating that the GT1040 has a larger case (both plastic), more batteries and no magnet. There appear to not have been photos submitted of the GT1040. Please submit photos of the GT1040 unit and comparison photo between the 2 versions and an indication as to why these are considered electrically identical. The Theory of Operation exhibit indicates that this application contains a Class II Permissive Change, which is not correct, since this is a new FCC ID.

<answer>The two models are electrically identical, they have the same schematic, identical parts-lists and the same board layouts. Client would like to include 2 models (SNT-250 and GT1040) in this application.

Attached pls find comparision photos and revised Theory of Operation.

3. The Schematic Diagram exhibit submitted has a component location for the Enfora GSM module, but the schematic for that module has not been provided.

<answer>attached pls find module schematic(pls keep it confidential).

4. The Internal Photos show the Enfora module attached to the larger PC Board. Please provide photographs of both sides of the Enfora GSM module as well as the circuit board under the GSM module with the module removed.

<answer>pls see additional internal photos.

5. Please submit an RF Exposure exhibit that documents compliance with the FCC's RF Exposure requirements for this composite device and the RF Exposure guidance in the Users Manual.

<answer>report is updated with MPE, and manual is also revised with RF Exposure guidance.

6. The ERP and EIRP power values listed in the test report do not match the values listed on the application Form 731. Please correct this discrepancy.

<answer>731 form is updated.

7. This application is filed as a single application, but this will cover both TCB Scopes B1 (PCB) and B2 (TNB). Please confirm that administratively this can be handled as a single application or if this will need to be submitted as 2 applications using the same FCC ID?

<answer>this is a single application which covers both TCB Scopes B1 (PCB) and B2 (TNB).

8. Please provide an Emission Designators for the both the GSM Pt. 22/24 and Pt. 95 transmitters along with an explanation and justification of the Emissions Designators.

<answer>731 form now has Emission Designator info.

The GSM transceiver of Pt. 22/24 has an emissions designator of 320KG7W and 313KG7W, phase modulation, with two or more channels of quantized digital data, and it can support facsimile, telephony, and data transmissions (although only data transmissions are used in this application)

The Pt. 95 transmitter has an emissions designator of 2K55P0N, with a sequence of unmodulated pulses, no modulating signal, and no information transmitted

9. Please submit a complete RF Parts List for this device, including the previously approved modules installed.

<answer>complete Parts Lists are attached, confidential letter is revised to include Parts List.

10. Please submit the information required about disclosure and labeling for the Pt. 95 LPRS device in accordance with FCC 95.1015 and 95.1017.

<answer>revised label is attached.

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