

## Chris Harvey

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**From:** 이상준(SJLEE) [sjlee@hct.co.kr]  
**Sent:** Monday, June 28, 2010 7:53 AM  
**To:** charvey-tcb@ccsemc.com  
**Cc:** 김 희연 (HCT); lucy.tsai@ccsemc.com; claire.hoque@ccsemc.com; chris.harvey@ccsemc.com  
**Subject:** Re: SysOnChip, Inc., FCC ID: P47SOCNP530, Assessment NO.: AN10T0534, Notice#1  
**Attachments:** Parts\_List(NP530).pdf; block\_diagram(NP530).pdf; Operating Description(NP530).pdf; Circuit Diagram(NP530).pdf; SOCNP530\_TEST REPORT FMT with 3cars\_r.pdf; SOCNP530\_INTERNAL PHOTO\_r.pdf

Dear Mr. Chris Harvey,

I should have reviewed our application.

I 'm sorry for burdening you.

I send the reply for your comments as below,

Please review the revised documents, if you have any comments, contact me.

Thanks & Best Regards

Sang-Jun Lee

RF Team Leader  
 Product Compliance Division  
 HCT Co., Ltd.

- ◆ Add. : San 136-1, Ami-ri, Bubal-eop, Icheon-si, Kyoungki-do, Korea
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----- Original Message -----

From: <[charvey-tcb@ccsemc.com](mailto:charvey-tcb@ccsemc.com)>  
 To: <[sjlee@hct.co.kr](mailto:sjlee@hct.co.kr)>  
 Cc: <[chris.harvey@ccsemc.com](mailto:chris.harvey@ccsemc.com)>; <[claire.hoque@ccsemc.com](mailto:claire.hoque@ccsemc.com)>; <[lucy.tsai@ccsemc.com](mailto:lucy.tsai@ccsemc.com)>  
 Sent: Wednesday, June 23, 2010 11:55 PM  
 Subject: SysOnChip, Inc., FCC ID: P47SOCNP530, Assessment NO.: AN10T0534, Notice#1

> Dear SJ Lee,  
 >  
 > You are listed as the Technical Contact for the above referenced TCB application. The following items need to be resolved before the review can be continued:  
 >  
 > 1. You have submitted one application for an FM Transmitter located inside the GPS Navigation

unit. The Operational Description, Manual and Schematics submitted make reference to GSM circuitry, but there has been no associated application submitted for a GSM transmitter. The Internal Photographs do not show a GSM antenna. Please clarify if this GPS Navigation device contains a GSM transmitter and submit updated exhibits to clarify as needed.

=> **This device don't have a GSM module, so we send the revised documents.**

>

> 2. Please submit an Operational Description describing the Technical Description of the FM Transmitter (the one submitted seems only to describe a GSM circuit).

=> **Please find the attached document.**

> 3. The Block Diagram does not contain any information for the FM Transmitter circuit and antenna (but it does contain GSM circuitry). Please submit a corrected Block Diagram.

=> **Please find the attached document.**

>

> 4. The Schematic Diagram (13 pages) does not seem to contain the FM Transmitter circuitry. Please submit complete RF Schematics (pages 1, 8 and 15 of 15 seem to be missing).

=> **Please find the attached document.**

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> 5. The Parts List submitted does not contain the FM Transmitter circuit (which was included in the previous version SOCT530). Please note that the Parts List document submitted in this application uses the identical reference number 'Looket\_T530\_PCB.6\_BOM', but there are differences between the 2 versions.

=> **Please find the attached document.**

>

> 6. The Internal Photographs show areas covered by RF shields. Please submit photographs of all circuits, including components inside the RF Shields.

=> **Please find the attached document.**

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> 7. You have submitted a FCC Subpart B Class B EMC test report in this application; however this application is only for the Equipment Class DXX FM Transmitter portion of this device. This Class B Test Report will not be reviewed and will be removed from this application as the label indicated FCC Declaration of Conformity compliance (FCC logo).

=> **Please remove the EMC report in this application.**

>

> 8. There are several issues with the test report for the FM Transmitter:

> a. page 1 has a different report number at the bottom footer of the page than is shown near the top and the rest of the report.

=> **We send the corrected test report.**

> b. the Short Term Confidential test setup photos showing the vehicle testing are also contained in the Test Report.

=> **We send the corrected test report.**

> c. you have submitted Test Setup Photos showing the EUT on a table-top on an OATS with test report number HCTR1004FR21, but the test report with that number does not describe this test setup and does not contain test measurement data in this setup. Please explain.

=> **We was missed the another RF test report in this application.**

=> **Please review the attached another RF report.**

> d. there is no compliance data for the 20dB BW 200kHz requirement of 15.239(a) or AC Conducted emissions of 15.207. Please submit all required measurement data and descriptions.

=> **We was missed the another RF test report in this application.**

=> **Please review the attached another RF report.**

>

> 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](mailto:Charvey-tcb@ccsemc.com)  
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