

Chris Harvey

From: [redacted] [cgyloves@hct.co.kr]
Sent: Tuesday, November 18, 2008 2:56 AM
To: Chris Harvey; Chris Harvey; Chris Harvey(CCS)
Cc: [redacted] (HCT); [redacted] (SJLEE); [redacted] (HCT)
Subject: Re: GS Instrument Co., Ltd., FCC ID: U88-COVERCELL25K, Assessment NO.: AN08T8584, Notice#1
Attachments: ATT.E User Manual_Rev.1.pdf; Coverell25K Test Report_Rev.1.pdf; ATT.K Operational Description.pdf

Dear Mr. Harvey,

Thank you for corporation.

Please check below for comments.

Thank you & Best Regards,
(Ms.)GYE-YOUNG CHA --- EMC Part
HCT Co., Ltd.
San 136-1, Ami-ri, Bubal-eup, Icheon-si,
Kyoungki-do, Korea 467-701
TEL : (82-31)639-8539 FAX : (82-31)639-8525

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

From: "ÁÏ»óÁØ(SJLEE)" <sjlee@hct.co.kr>
To: "ÁÖ Åç¼® °úÁâ(HCT)" <cschoi@hct.co.kr>
Cc: "Á- Ì¼° ˆë,®(HCT)" <daniel@hct.co.kr>; "Á÷ °è;µ(HCT)" <cgyloves@hct.co.kr>
Sent: Friday, November 14, 2008 2:20 PM
Subject: Fw: GS Instrument Co., Ltd., FCC ID: U88-COVERCELL25K, Assessment NO.: AN08T8584, Notice#1

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> È½ÅÇØÁÖ½Ã°Ö....

>
> ----- Original Message -----

> From: <charvey-tcb@ccsemc.com>

> To: <sjlee@hct.co.kr>

> Cc: <chris.harvey@ccsemc.com>
> Sent: Thursday, November 13, 2008 2:47 PM
> Subject: GS Instrument Co., Ltd., FCC ID: U88-COVERCELL25K, Assessment NO.: AN08T8584, Notice#1
>
>
>> Dear SJ Lee,
>>
>> 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:
>>
>> The Application form and the Test report indicate an Emission Type of F9W, but the Users Manual of this product does not provide any details of the type(s) of modulation(s) for which this repeater is designed.
-> Please kindly check the Manual and Operation description.
>>
>> The test report does not provide any details of the input signal source (except for a plot) and signal Generator settings for power and bandwidth measurements. Please provide a detailed description of the input drive signals, including the power level and modulation characteristics, and signal generator settings.
-> Please kindly check the Test Report.
>>
>> There has not been a detailed Technical/Operational Description exhibit submitted with this application. Please provide the Technical Operational Description exhibit which should address the modulation capabilities of this device.
-> Please kindly check the Operation description.
>>
>> Please describe the setup for the out of band rejection and explain the plots on pages 48 and 49 (why the signal is broken into 2 sections).
**->I submitted Test Plot separated capture pic. Because this EUT hasn't control programming for total band.
So I tested each band using Band Select Filter(Select A1, A2 and Select B1, B2).**
>>
>> The test report states that the radiated emissions substitution method is from TIA/EIA-603-A-2001. Please confirm that the testing has been performed in accordance with TIA/EIA-603-B or C as this is now required by the FCC.
-> Please kindly check the Test Report. I've changed from TIA/EIA-603-A-2001 to TIA/EIA-603-C-2004.
>>
>> The test report Frequency Stability section has the Downlink frequencies listed for both the Downlink and Uplink data tables. Please correct the Uplink frequency stability tables for both Cellular and PCS bands to use the data for the Uplink frequencies.
-> Please kindly check the Test Report.
>>
>> The online application form only included the Uplink frequencies. Please confirm that it is acceptable for me to update the form using the following information:
>>
>> Grant Notes FCC Rule Parts Frequency
>> Range (MHZ) Output
>> Watts Frequency
>> Tolerance Emission
>> Designator
>> 22H 824 - 849 0.0141 0.117 ppm F9W
>> 22H 869 - 894 0.0447 0.075 ppm F9W
>> 24E 1850 - 1910 0.00447 0.09 ppm F9W
>> 24E 1930 - 1990 0.089 0.090 ppm F9W
-> Thank you. Next I will included also D/L.
>>
>> The MPE calculations have used 7dBi antenna in the Cellular band and 12dBi in the PCS band. Since there is no antenna selection or separation distance guidance in the users manual, the grant will be conditioned to address RF Exposure at the time of licensing. Please confirm that this is acceptable.
-> OK. Thank You.
>>
>> Please confirm that the measured Power Output is maximum single channel conducted power and that this power is divided for multiple carriers.
-> OK. Thank You.
>> ..
>> 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,

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>> Chris Harvey

>> Charvey-tcb@ccsemc.com

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