
From: SunHee Kim (HCT)
Sent: Tuesday, April 22, 2008 10:10 AM
To: PCTEST TCB
Subject: Re: Questions Regarding FCC ID: TYKNX9230 -1/2-
Dear Gregory,

We attached the revised documents and replies are embedded below your questions.
If you have any further questions, please let me know asap.

Best Regards,
Sun-Hee Kim

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HCT

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

From: [PCTEST TCB](#)

Sent: Tuesday, April 22, 2008 1:36 AM

Subject: Questions Regarding FCC ID: TYKNX9230

To: Ms. Sun-Hee Kim / HCT
From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: TYKNX9230

Applicant: CASIO HITACHI Mobile Communications Co., Ltd.

Correspondence Reference Number: TYK80267
Confirmation Number: 804030267-68
Date of Original Email: April 21, 2008

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you

provide the following additional information.

- 1) Please submit a statement verifying the stage of production of the units tested for HAC compliance, as required.
- 2) Please resubmit the user's manual, including the language required for HAC compliance.
- 3) Please resubmit the RF and Bluetooth Block Diagrams, showing all of the clock/oscillator values, as required.
As for #1, 2, 3;
==> After we've get the documents from our client, we send to you tomorrow.
- 4) The External Photos file is damaged, and cannot be opened. Please resubmit it.
==> Please recheck the attachment file.
- 5) The Part 15B AC Line Conducted test set up photo shows a test configuration that is not compliant with ANSI C63.4, nor does it match the description of the test set up found in the 15B test report. Please address.
==> Please check the revised 15B test report.
- 6) The Note on pages 14-15 of the Part 22/24 EMC report states that extended batteries are available to the EUT. These are not addressed elsewhere in the application. Please address.
- 7) The Power Table on p.6/45 of the Part 22/24 EMC report lists a PCS EvDO output level of 28.85 dBm. Please address.
As for #6, 7
==> This device doesn't supply the extended batteries. And the power was corrected in the final report.
Please check the revised Part 22/24 test report.
- 8) On p.44/51 of the Bluetooth test report, the values in the last 2 columns are reversed. Please revise and resubmit.
==> Please revies the revised BT test report.
- 9) On p.17/85 of the SAR report, the listed target value for 1900 MHz is incorrect, per the dipole cal report. Please revise and resubmit.
==> We revised the SAR report.
- 10) Page 12 HAC Probe Modulation Plot does not appear to be the correct analyzer plot for 1/8 rate CDMA2000 (looks like GSM). Please resubmit plot showing correct modulation characteristic from the EUT in RC1/SO3.
==> As you know, the 1/8 rate spectrum analyzer plot looks like GSM.
These plots are the samples that show the trend in the CDMA 24dBm.
When we measure the PMF in this model, we just recorded the value and didn't captured the plots.
If you need more coordinations, please let me know.

- 11) EM Power Power Amp BBS3Q7ELU and HP NA 8753ES appear to be out of calibration per the test dates in the HAC Report. Please address.
==> We performed the testing on April 5, 2008. At that time the equipment was available to test. Please check the Calibration Due. Date on page 22.
- 12) It appears the validation was additionally performed with a CD835V3 SN1082 and CD1880V3 SN1072 dipole according to the HAC Dipole Validation Plots. Please supply validation certificates or correct the error.
==> We performed the validation with a CD835V3 SN1071 and CD1880V3 SN1082. The SN was corrected in the Dipole Validation plots. And we already attached the Dipole Calibration Certificate.
Please find the attachment files again.

The items indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,

Gregory Czumak
Quality Manager
Senior Certification Engineer

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