

## Chris Harvey

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**From:** Sun-Hee Kim(HCT) [alondra@hct.co.kr]  
**Sent:** Thursday, March 02, 2006 10:03 PM  
**To:** 'Mike Kuo'; charvey@ieee.org; Compliance Certification Services  
**Cc:** ???(HCT); ??? (HCT); ???CJ; ??? (HCT); ??? (HCT); 'SCOTT WANG(CCS)'; 'Helen Zhao'; charvey-tcb@ccsemc.com  
**Subject:** Re: FCC PART 22, 24, 20, 2 Application [PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PN-315 Assessment NO.: AN06T5543]

Dear Sir,

Thank you for your cooperation.

Please refer to my below explanation and attachment files.

If you have any questions or comments, please do not hesitate to contact us.

Thank you.

Best Regards,

Sun- Hee KIM

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

**From:** [Compliance Certification Services](#)

**To:** [kisookim@hct.co.kr](mailto:kisookim@hct.co.kr)

**Cc:** [charvey-tcb@ccsemc.com](mailto:charvey-tcb@ccsemc.com)

**Sent:** Tuesday, February 28, 2006 4:17 PM

**Subject:** PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PN-315, Assessment NO.: AN06T5543, Notice#1

Ki Soo,

I have reviewed the above referenced TCB application and find that the following items need to be addressed before the review can be completed:

1. Please provide a CCS format Authorization Letter from Pantech&Curitel to HCT in order to file this application on their behalf (the exhibit submitted is from the old company name Hyundai Curitel).

**==> Please review the attachment file. <file name : Authorization Letter (PN-315)-new>**

2. The exhibits in this application indicate that this device supports CDMA operation. Please clarify if this is CDMA2000 operation. If yes and in light of the FCC's concern about proper operation at rated average output and crest factor (max/min) to produce the worst possible RF Exposure during SAR testing, please provide additional explanation to further explain the CDMA2000 modes in this device and the steps taken during testing to ensure the worst case modes were tested.

**==> Please review the attachment file. <file name : Ouput power by radio configuration (PN-315)>**

**The worst case mode : RC2/SO17**

**Base station simulator is E5515C.**

**Test device is directly connect to base station simulator via mobile cable to measure maximum output power in all applicable mode**

**To get a maximum output power, we set closed power control mode as "all up bits" in all applicable mode.**

3. PCS1900 SAR tests were performed and tissue simulant parameters measured on 2/17 but Validation Plots only done on 2/16. Please clarify if the Validation plots for PCS1900 operation were performed within 24 hours of the PCS1900 SAR tests.

**==> Please review the attachment file. <file name : ATT. Q (DIPOLE VALIDATION PLOTS)-new>**

4. The SAR testing for Body-worn operations were performed with a specific belt clip that appears to contain metallic components. The Users manual indicates that only accessories that contain no metallic components shall be used. Please correct this discrepancy.

**==> Please review the attachment file. <file name : ATT. M (Manual)-new>**

5. The Users Manual indicates that there is a 1000mAh standard and 1800mAh Extended battery for this phone. The SAR testing has only been performed with a Standard battery. Please correct this discrepancy.

**==> Please review the attachment file. <file name : ATT. M (Manual)-new>**

Best regards,  
Chris Harvey  
Charvey-tcb@ccsemc.com

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.

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

**From:** [Chris Harvey](#)

**To:** '[Sun-Hee Kim\(HCT\)](#)'; '[Helen Zhao](#)'; [charvey@ieee.org](mailto:charvey@ieee.org); '[Mike Kuo](#)'; '[SCOTT WANG\(CCS\)](#)'

**Cc:** '[???\(HCT\)](#)'; '[???\(HCT\)](#)'; '[???\(HCT\)](#)'

**Sent:** Tuesday, February 28, 2006 11:54 AM

**Subject:** RE: FCC PART 22, 24, 20, 2 Application [PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PN-315 Assessment NO.: AN06T5543]

Dear Keun-Ho Park,

I have completed the initial review of the referenced TCB application and have sent the attached request for clarifications to the technical contact in the application form.

Please let me know if there is anything else I can do to assist you.

Best regards,

**Chris Harvey**

Chris Harvey EMC Consultants, Inc.

[charvey@ieee.org](mailto:charvey@ieee.org)

cell 443-622-3300

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

**From:** Sun-Hee Kim(HCT) [mailto:alondra@hct.co.kr]

**Sent:** Friday, February 24, 2006 4:51 AM

**To:** 'Helen Zhao'; [charvey@ieee.org](mailto:charvey@ieee.org); 'Mike Kuo'; 'SCOTT WANG(CCS)'

**Cc:** ???(HCT); ??? (HCT); ??? (HCT); Sun-Hee Kim(HCT)

**Subject:** FCC PART 22, 24, 20, 2 Application [PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PN-315  
Assessment NO.: AN06T5543]

Dear Sir,

We always appreciate your kind cooperations on our FCC applications.

We'd like to apply for FCC Certification as below project ;

1. Applicant Name : **PANTECH&CURITEL COMMUNICATIONS, INC.**

2. Application Product : Dual-Mode CDMA Phone (CDMA/ PCS CDMA)

3. FCC ID : PP4PN-315

4. Model Name : PN-315

5. FCC Rule Part(s): Part 22 / 24 / 2 / 20

6. Application date: February 24, 2006

7. Assessment Number: **AN06T5543**

Your prompt confirmation on receiving of this application would be much appreciated.

If you have questions or comments on this application, please do not hesitate to contact us.

Best Regards,

Keun-Ho Park - HCT