

Chris Harvey

From: SUN-HEE KIM (HCT) [alondra@hct.co.kr]
Sent: Tuesday, May 23, 2006 3:34 AM
To: Chris Harvey; charvey-tcb@ccsemc.com
Cc: 김영관 (HCT); 'MIKE KUO (CCSEMC)'; 박근호 (HCT); 신국선\ (HCT)
Subject: Re: PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PX-500, Assessment NO.: AN06T5790, Notice#1
Attachments: ATT. A (COVER LETTER)_PX-500-new.pdf; ATT. M (Manual)_PX-500-new.pdf; ATT. P (SAR TEST SET-UP PHOTO)-new.pdf; ATT. R (PROBE CAL. DATA)-new.pdf; Authorization Letter (PX-500).pdf; Ouptput power by radio configuration_PX-500-new.pdf; Tune-up Procedure.pdf

Hello Chris,

Thank you for your email.

Please refer to my below comment and attachment files.

Your prompt response would be much appreciated.

Thank you.

Best Regards,

Sun- Hee KIM

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

From: <charvey-tcb@ccsemc.com>

To: <alondra@hct.co.kr>

Cc: <charvey-tcb@ccsemc.com>

Sent: Saturday, May 20, 2006 2:44 AM

Subject: PANTECH&CURITEL COMMUNICATIONS, INC., FCC ID: PP4PX-500, Assessment NO.: AN06T5790, Notice#1

> Sun-Hee,

>

> I have reviewed the above referenced TCB application for FCC 22/24 PCMCIA Card and find that the following items need to be addressed before the review can be completed:

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> 1. Please provide a letter of authorization from Pantech&Curitel to HCT using the CCS format.

==> Please find the attachment file. < File name : Authorization Letter (PX-500) >

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> 2. There seems to be no indication in the application which RC/SO combinations were used for RF and SAR

5/23/2006

compliance testing. Please provide this information in accordance with the FCC 3G SAR Measurement guidance document.

==> Test Mode : RC3 / SO55

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> 3. The SAR test Photos showing the spacing between the EUT card and the phantom do not show the Notebook host slots due to the obstruction by the ruler. Please provide additional photographs of the host PCMCIA slots where the ruler does not cover the slots on the notebook computer. In the future, please be sure that the slots on the host are visible in the photographs (may require taking several photos). Also, please note that the captions for the Toshiba and Compaq photos are confused.

==> Please find the attachment file. < File name : ATT. P (SAR TEST SET-UP PHOTO)-new >

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> 4. The Cover Letter exhibit indicates that this PCMCIA card has Bluetooth Capability. If this is an error, please update this exhibit. If this device has Bluetooth Capability please provide the compliance with the FCC requirements.

==> Please find the attachment file. < File name : ATT. A (COVER LETTER)_PX-500-new >

> 5. The Users Manual indicates in several places that this device complies with Part 24 or Parts 15 and 24. While listing Part 24 is not an FCC Requirement, indicating Part 24 and not Part 22 seems to be incomplete, since this device is to be approved for both FCC Part 22 and Part 24. In order to be complete, please update the Users manual to include Part 22 in those statements.

==> Please find the attachment User's Manual. < File name :ATT. M (Manual)_PX-500-new >

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> 6. The Regulatory Notice on page 90 of the manual indicates that the antenna must be more than 1.5cm from all persons. The minimum separation from the EUT to the phantom during SAR testing was 2.0cm. The Body-worn operation notice on page 118 indicates 20mm (2.0cm) but needs to be re-worded since this PCMCIA card is not worn on the body. Please remove the 1.5cm statement from page 90 and reword the body-worn statement to something like the following:

>

> Near-Body operation

> This device was tested in multiple notebook computer configurations with side PCMCIA slot configurations for typical near-body operations with the back of the PC-CARD kept 20mm from the body. To maintain compliance with FCC RF exposure requirements it can be used in notebook computers with substantially similar physical dimensions, construction, and electrical and RF characteristics, and that maintain a minimum 20mm separation distance between the user's body and the back of the PC-CARD, including the antenna. The antenna(s) used for this transmitter must not be co-located or must not operate in conjunction with any other antenna or transmitter within a host device.

==> Please find the attachment User's Manual. < File name :ATT. M (Manual)_PX-500-new > Page 128 of 129

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> 7. The Users Manual does not provide any guidance on the antenna position during use of this card. SAR

compliance measurements have only been performed with the antenna positioned vertically from the card. Either provide clear guidance to the user that this vertical position is required for SAR compliance or perform additional SAR compliance measurements with the antenna positioned horizontally.

==> Please find the attachment User's Manual. < File name :ATT. M (Manual)_PX-500-new > Page 28 of 129

> 8. The Users Manual indicates that Voice Capability is not supported. The Output Power by Radio Configuration seems to indicate that Voice modes are available. Please clarify this discrepancy.

==> Please find the attachment file. < File name : Ouptput power by radio configuration_PX-500-new >
>

> 9. The SAR Probe Calibration exhibit typically indicates whether the probe was in tolerance when received by SPEag. This information seems to be missing from the first page of the probe calibration exhibit. Was the SAR probe in tolerance or repaired?

==> Please find the attachment file. < File name : ATT. R (PROBE CAL. DATA)-new >
>

> 10. Pleased provide a Tune-Up Procedure exhibit per FCC requirements.

==> I'll send you this tomorrow.
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> 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.

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> Best regards,
>
> Chris Harvey
> charvey-tcb@ccsemc.com

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