Courtenay Geraghty

From: ??? [alondra@hct.co.kr]
Sent: Thursday, August 11, 2005 9:29 AM
To: Courtenay Geraghty
Cc: Gregory@pctestlab.com; al@pctestlab.com; HCT ???; ??? (HCT); ??? (HCT); ??? (HCT); ??? (HCT)
Subject: Re: Questions from FCC regarding FCC ID: PH7AXWP830
Follow Up Flag: Follow up
Flag Status: Red

Dear Sir,

We always appreciate your kind cooperations.

According to your requests, I attach the documents.

Please review the attachment files and below explanation.

FCC ID : PH7AXWP830

1 . What is the CDMA MS Protocol Revision number.

➔ MS Protocol Revision number is 6

2 . Please address the applicability of test codes to simulate the required test conditions, as defined in 3GPP2, TIA, and other standards.

➔ TIA/EIA-98-D

3 . Please specify the base station simulator and test device configuration info and procedures used to establish maximum output in all applicable modes, including code domain channels, power & relative gain levels.

➔ 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.

4. Please identify the CDMA Radio Configurations, Service Options, multiplex options, voice/data, code channel combinations and options used for the SAR tests.

➔ Please refer to attached file.

(filename : CDMA-2000 RC Outpower Table (AXWP830))

You can find which RC and SO is applicable or not.

5. Because of the different RC's, SO's, data rates, channel combinations and modulations, the filing should include justification for the selection of applicable configurations used to establish and maintain maximum output in order to demonstrate SAR compliance for other configurations that were not tested. Please provide the justification for the specific combination(s) used during the SAR tests.

➔ Since this test device is using HDET algorithm at the post PA, it cannot exceed the maximum output power.

That is to say that test device cannot over maximum output power under whatever configuration of RC and SO supportable.

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

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

Best Regards,

Sun - hee Kim - HCT

----- Original Message -----
From: Courtenay Geraghty
To: kisookim@hct.co.kr ; khpark@hct.co.kr
Cc: 'Al Cirwithian' ; gregory@pctestlab.com
Sent: Friday, August 05, 2005 6:53 AM
Subject: Questions from FCC regarding FCC ID: PH7AXWP830

Hello Mr. Kim,

How are you?

Please respond to the following questions from the FCC regarding the grant of certification for the above-referenced FCC ID.

Regarding the use of cdma2000, filings should be clear about transmitter setup & operation capabilities to ensure devices are configured properly according to communication protocol and operating requirements in order to obtain valid SAR results. Please address the following questions.

1 . What is the CDMA MS Protocol Revision number.

2 . Please address the applicability of test codes to simulate the required test conditions, as defined in 3GPP2, TIA, and other standards.

3 . Please specify the base station simulator and test device configuration info and procedures used to establish maximum output in all applicable modes, including code domain channels, power & relative gain levels.

4. Please identify the CDMA Radio Configurations, Service Options, multiplex options, voice / data, code channel combinations and options used for the SAR tests.

5. Because of the different RC's, SO's, data rates, channel combinations and modulations, the filing should include justification for the selection of applicable configurations used to establish and maintain maximum

output in order to demonstrate SAR compliance for other configurations that were not tested. Please provide the justification for the specific combination(s) used during the SAR tests.

Sincerely,

Gregory Czumak
Quality Manager
Senior Certification Engineer

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