

Chris Harvey

From: Sun-Hee Kim(HCT) [alondra@hct.co.kr]
Sent: Monday, February 06, 2006 8:39 AM
To: Scott Wang; MIKE KUO (CCSEMC); Chris Harvey (CCS)
Cc: ±ê±â¼ö (HCT); ±è¿µü (HCT); Á±¹@Áø °úÁå(HCT); ÀÓÁö¿µ \ (HCT); SCOTT WANG(CCS); ±è±â¼ö Á÷Áå (¹±¹Áö»ç); ¹Ú±ÙË£ ´ë,©(HCT); ½Á±¹¼±(HCT)
Subject: Re: FCC Part 22, 24, 2, 20 Application.(FCC ID: SDJKTFT-UV100: Assessment Number : AN06T5432): KTF Technologies Co., Ltd. -1 of 2 -

Dear Sir,

Thank you for your cooperation.

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: "Compliance Certification Services" <charvey-tcb@CCSEMC.com>

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

> Cc: <charvey-tcb@CCSEMC.com>

> Sent: Thursday, January 26, 2006 10:57 PM

> Subject: KTF Technologies Co., Ltd., FCC ID: SDJKTFT- UV100, Assessment NO.: AN06T5432, Notice#1

>

>

>> Ki- Soo Kim,

>>

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

>>

>> 1. The application submitted contains the technical documentation for the composite operation of the CDMA handset (Equipment Class PCE) and Bluetooth (Equipment Class DSS). Since this composite device operates in 2 different Equipment Classes, 2 separate applications for Certification must be submitted, even though they can use the same FCC ID. Please submit another application using the CCS TCB web based system for the Bluetooth Portion of this device. This will require a separate Certification fee as well as uploading the documentation for the Bluetooth portion of this handset. Please notify me at charvey-tcb@ccsemc.com when this Bluetooth application has been filed.

==> We uploaded the the files for the Bluetooth portion. (Equipment Class DSS)

Please check the attachment file. File name : KTFT- UV100 (BT)- upload

>> 2. For the Bluetooth portion, there are several FCC requirements that are not yet declared as being compliant in the application referenced above. These requirements are automatically deemed compliant if the device meets the Bluetooth Specification. The device is uses the Bluetooth name; however there is no statement that the headset complies with the Bluetooth Specification. Please either provide a declaration of compliance with the Bluetooth Specification (please include version) or provide individual declarations of compliance with the following items needed for FCC 15.247 compliance:

>> . Is the hopping sequence pseudorandom, based on the technical description?

>> . Is each channel used equally on average, based on the technical description?

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>> . Does the associated system receiver have a compliant input bandwidth, based on the measured 20 dB emission bandwidth?

>> . Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?

>> . Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

>> . Does the frequency hopping system comply with the non-coordination requirement?

>>

==> Please check the uploaded file. File name : Attestation Statement (Bluetooth)

>> 3. When submitting the Bluetooth application, please ensure that you provide the schematic diagram and photographs for the Bluetooth portion of this device.

>>

==> Please check the uploaded files. File name : Circuit (Bluetooth) , INTERNAL PHOTO_ (Bluetooth)

>> 4. Please provide the new CCS format Letter of Authorization letter KTF Technologies to HCT.

>>

==> Please check the attachment files. File name : Authorization Letter (KTFT- HCT)

>> 5. Please submit a tune-up procedure as required by FCC and referenced in the Confidentiality request letter.

>>

==> Please check the attachment files. File name : Tune-up procedure (KTFT- UV100)

>> 6. The FCC has been recently concerned about many of the RC's in CDMA2000 that need to have special attention during compliance testing. The Operational Description indicates that this device operates using CDMA modulation. Please confirm if this uses CDMA2000. If it does operate using CDMA2000 technology, please provide further information about the modes of operation used during the tests (indicate which RC's and SO's are used), the means of controlling the handset to go into those modes and what was done to determine the worst case modes.

>>

==> We used base station simulator (E5515C). RC1/SO3

Please check the attachment files. File name : Power Table (KTFT- UV100)

>> 7. The Users Manual statement indicates that the user must maintain a 15mm separation using accessories that contain no metallic components; however the SAR testing was performed with a 2.5cm air gap. Please revise the Users Manual statement to indicate a 25mm separation.

>>

==> Please check the attachment files. File name : ATT. M (User Manual)- new

>> 8. The SAR testing was performed using the Bluetooth transmitter turned on for the body-worn configuration, without any explanation as to why the Bluetooth was not also turned on for the held-to-head operating mode. If the Bluetooth is only used for headset connection then this would be a logical choice, but this is not explained. Please either provide an explanation as to why this was done or provide data for the worst case SAR positions/settings for the held-to-head mode with the Bluetooth transmitter turned on.

>>

==> Please check the attachment files. File name : ATT. N (SAR REPORT) KTFT- UV100- new

>> 9. Several SAR plots for Left Touch PCS- 1900 seem to have 2nd hot spots that are less than 3dB below the maximum peak that was measured. Please determine if this is correct and provide the appropriate SAR measurements of the 2nd hot spots as necessary.

>>

==> Please check the attachment files. File name : ATT. O (SAR TEST DATA) - 2 of 3- new

We retest this device in several condition, but there is no 2nd hot spot.

>> 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.

2/7/2006

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

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

From: [Sun-Hee Kim\(HCT\)](#)
To: [Chris Harvey \(CCS\)](#) ; [MIKE KUO \(CCSEMC\)](#) ; [Scott Wang](#)
Cc: [???\(HCT\)](#) ; [????\(HCT\)](#) ; [????\(????\)](#) ; [SCOTT WANG\(CCS\)](#) ; [??? \ \(HCT\\)](#) ; [????\(HCT\)](#) ; [??? \(HCT\)](#)
Sent: Wednesday, January 25, 2006 7:08 PM
Subject: Re: FCC Part 22, 24, 2, 20 Application.(FCC ID: SDJKTFT-UV100: Assessment Number : AN06T5432): KTF Technologies Co., Ltd. - 1 of 2 -

Dear Sir,

Please check this project and inform us as soon as possible.

Your prompt response would be much appreciated.

Thank you.

Best Regards,

Sun-Hee KIM

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

From: [Sun-Hee Kim\(HCT\)](#)
To: [Chris Harvey \(CCS\)](#) ; [MIKE KUO \(CCSEMC\)](#)
Cc: [???\(HCT\)](#) ; [????\(HCT\)](#) ; [????\(????\)](#) ; [SCOTT WANG\(CCS\)](#) ; [??? \ \(HCT\\)](#) ; [????\(HCT\)](#) ; [??? \(HCT\)](#)
Sent: Tuesday, January 24, 2006 11:51 AM
Subject: Re: FCC Part 22, 24, 2, 20 Application.(FCC ID: SDJKTFT-UV100: Assessment Number : AN06T5432): KTF Technologies Co., Ltd. - 1 of 2 -

Dear Sir,

Thank you for your cooperation.

FCC ID : SDJKTFT-UV100

Please let us know the current status on this project.

Thank you.

Best Regards,

Sun-Hee KIM

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

From: [Sun-Hee Kim\(HCT\)](#)
To: [Chris Harvey \(CCS\)](#) ; [MIKE KUO \(CCSEMC\)](#)
Cc: [???\(HCT\)](#) ; [????\(HCT\)](#) ; [????\(????\)](#) ; [SCOTT WANG\(CCS\)](#) ; [??? \ \(HCT\\)](#) ; [????\(HCT\)](#) ; [??? \(HCT\)](#)

Sent: Monday, January 16, 2006 9:45 PM

Subject: FCC Part 22, 24, 2, 20 Application.(FCC ID: SDJKTFT-UV100: Assessment Number : AN06T5432): KTF Technologies Co., Ltd. - 1 of 2 -

Dear Mr. Kuo,

We always appreciate your kind cooperations on our FCC applications.,

We'd like to apply for FCC Part 22, 24, 2, 20 Certification as below project ;

FCC ID : SDJKTFT-UV100

- 1) Applicant Name : KTF Technologies Co., Ltd.
- 2) Application Product : Dual-Band CDMA Phone With Bluetooth (CDMA/PCS CDMA)
- 3) Model Name : KTFT-UV100
- 4) Applicant ID: T11978
- 5) Application Assessment Number : AN06T5432
- 6) Application Date: January 16, 2006

There is a problem while uploading the files on CCS web filing system. So we send the rest of documents.

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,

Sun-hee, Kim

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Ms. Sun-hee Kim

Product Compliance Division
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