

Chris Harvey

From: lillian.lee [lillian.lee@tw.ccsemc.com] on behalf of application [application@tw.ccsemc.com]
Sent: Thursday, February 16, 2006 9:04 PM
To: charvey@ieee.org
Subject: Re: jG RE: Re: ㄅ@G Re: ㄅ@G Re: ㄅ@G RE: Re: ㄅ@G TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Dear Chris

Please see below capital wordings which is in response your letter of February 1, 2006.

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?
- 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?

Reply: PLEASE CHECK THE ATTACHED FILE FOR THE BQB CERTIFICATED.

Thanks & with best regards,

Lillian

"Chris Harvey"

<Chrisharveyemc@comcast.net>

? ? ? : ""application"" <application@tw.ccsemc.com>, "Chris Harvey \\\(CCS\\)" <charvey-tcb@ccsemc.com>

2006/02/08 05:07 AM

? ? ? ? : ""lucy.tsai"" <lucy.tsai@tw.ccsemc.com>

? ? ? ? charvey

? ? : RE: Re: jG RE: jG RE: jG RE: Re: jG TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Amanda, I have received the additional Bluetooth application for this device. I am still awaiting the responses to the below questions for both the GSM/GPRS portion (AN06T5448) and the Bluetooth portion (AN06T5495). Please provide the responses so these application reviews can be completed.

2/21/2006

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com

-----Original Message-----
From: amanda.wu [mailto:amanda.wu@tw.ccsemc.com] **On Behalf Of** application
Sent: Monday, February 06, 2006 4:36 AM
To: charvey@ieee.org
Cc: lucy.tsai
Subject: Re jG RejG RejG RE: Re jG TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Dear Chris:

Please have the ass. no. as below.

5120 1002	大同 TATUNG	BJM-M1	for GSM, GPRS AN06T5448	Smart Phone (Quad band)	M1	1/23/06
			for Bluetooth AN06T5495			2/6/06

Best Regards

Amanda

application
? ? ? : amanda.wu ? ? ? : charvey@ieee.org
? ? ? ? : ""application"" <application@tw.ccsemc.com>, ""Claire Hoque"" <claire.hoque@CCSEMC.com>, lucy.tsai/ccsemc@ccsemc
? ? ? ? ? : Re: Re: RE: Re ? TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1 [? ?](#)

2006/02/06 05:05 PM

Dear Chris:

We already separate applied on 6 Feb. 2006.

Best Regards

Amanda

application
? ? ? : lucy.tsai ? ? ? : <charvey@ieee.org>
? ? ? ? : application@ccsemc.com.tw, ""application"" <application@tw.ccsemc.com>, charvey@ieee.org, ""Claire Hoque""
? ? ? <claire.hoque@CCSEMC.com>
? ? ? ? ? : Re: RE: Re ? TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1 [? ?](#)

2/21/2006

2006/02/01 01:00

AM

Dear Chris,

This application is a smart phone and yes there shall has two separate applications for BT and GSM/GPRS. Because we are now in Chinese New Year Holiday, we will fill BT portion in a separate application in Feb 6. And once it's filed, we will send an email to you.

Best Regards,

Lucy

"Chris Harvey" <Chrisharveyemc@comcast.net>

2006/02/01 12:34 AM

? ? ? ? charvey

? ? ? : ""application"" <application@tw.ccsemc.com>, <charvey@ieee.org>

? ? ? ? : <application@ccsemc.com.tw>, "Claire Hoque" <claire.hoque@CCSEMC.com>

? ? : RE: Re ? TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Dear Lucy, here is the email I sent before.

Please contact me if you have any questions.

Best regards,

Chris Harvey

charvey@ieee.org

cell 443-622-3300

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

From: lucy.tsai [mailto:lucy.tsai@tw.ccsemc.com] **On Behalf Of** application

Sent: Tuesday, January 31, 2006 11:25 AM

To: charvey@ieee.org

Cc: application@ccsemc.com.tw; 'Claire Hoque'

Subject: Re : TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Dear Chris,

No, we didn't receive it, please resend, thank you.

Best Regards,

2/21/2006

Lucy

"Chris Harvey" <Chrisharveyemc@comcast.net>

2006/01/31 12:11 AM

? ? ? ? charvey

? ? ? : <application@ccsemc.com.tw>

? ? ? ? : ""Claire Hoque"" <claire.hoque@CCSEMC.com>

? ? : TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Dear CCS TW, I send a request for information for the above referenced application yesterday but received an error message this morning. Did you receive the Notice #1 from me?

Best regards,

Chris Harvey

Charvey-tcb@ccsemc.com

charvey@ieee.org

cell 443-622-3300

----- ? ? ? ? "Compliance Certification Services" <charvey-tcb@ccsemc.com> (? ? Mon, 30 Jan 2006 02:56:47 -0500) -----

? ? ? : <application@ccsemc.com.tw>

? ? ? ? : <charvey-tcb@ccsemc.com>

? ? : TATUNG CO., FCC ID: BJMM1, Assessment NO.: AN06T5448, Notice#1

Dear Anthony Yao:

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 GSM/GPRS 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.

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

2/21/2006

- 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?
3. The Label is required to contain the term “FCC ID”, not just the FCC logo and below the term “ID”. Please correct the label to contain the term “FCC ID: BJM-M1” in a continuous string.
 4. The RF Transmit Power (ERP/EIRP) data in the EUT Description summary on page 4 of the RF report is not the maximum listed in the data tables of pages 15 & 16. Please update this information in the test report.
 5. The Occupied bandwidth measurements document the 26dB bandwidths to be approximately 240 kHz; however the emission type on page 4 of the test report is listed as 997KGXW, which would indicate a necessary bandwidth of 997 kHz. Please update the
 6. 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.
 7. The ConvF probe factors used in many of the SAR plots are different than the calibration factors provided (for example the 835MHz band use a value of 9.75 or 9.47; however the probe calibration lists a value of 7.94 for the ConvF at 835MHz Head). The date of calibration on the probe is listed as November 19, 2004, which is greater than 1 year from the date of testing. Please explain and correct as necessary.

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.

Best regards,

Chris Harvey
charvey-tcb@ccsemc.com

2/21/2006