

Chris Harvey

From: elisa.chen@sgs.com
Sent: Monday, November 01, 2004 7:39 PM
To: Chris Harvey; tcbinfo@metlabs.com
Cc: MBosley@metlabs.com; Vincent_Su@sgs.com
Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01 MT#16393

Chris,

Please find enclosed user manual for Think Outside.

Our customer is really anxious to have the FCC Grant and IC certificate.
Could you give me some information about these project status?

Thank you for your consideration upon this matter!

Regards,

Elisa Chen

Elisa Chen

E&E Lab. of SGS Taiwan Ltd.

E-Mail: elisa.chen@sgs.com

TEL: +886 2 2299 3279 ext. 1161

FAX: +886 2 2298 2698

No. 134, Wu Kung Road, Wuku Industrial Zone,

Taipei County, Taiwan

Chris Harvey <ChrisHarveyEMC@comcast.net>

To: elisa.chen@sgs.com, tcbinfo@metlabs.com

cc: Vincent_Su@sgs.com, MBosley@metlabs.com

Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01 MT#16393

Elisa, you are correct about the manual. The Archer Manual was correct. The Think Outside Manual does not contain the required information for FCC.

Best regards,

Chris Harvey

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

From: elisa.chen@sgs.com [mailto:elisa.chen@sgs.com]

Sent: Monday, November 01, 2004 3:53 AM

To: Chris Harvey; tcbinfo@metlabs.com

Cc: Vincent_Su@sgs.com; MBosley@metlabs.com

Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01 MT#16393

Chris,

Please find attached module schematic for these 2 applicants. (Think Outside & ARCHER WIRELESS).
As to the manual of the original request, I don't think there is any problem with it since it is differ form the 2nd one.
I believe that you only ask manual of the 2nd project. Could you check it for me?
Thank you very much!

Regards,

Elisa Chen

Elisa Chen
E&E Lab. of SGS Taiwan Ltd.
E-Mail: elisa.chen@sgs.com
TEL: +886 2 2299 3279 ext. 1161
FAX: +886 2 2298 2698
No. 134, Wu Kung Road, Wuku Industrial Zone,
Taipei County, Taiwan

Chris Harvey <Chrisharveyemc@comcast.net>

2004/10/29 09:13 PM

To: elisa.chen@sgs.com
cc: 'Marianne Bosley' <mbosley@metlabs.com>
Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01 MT#16393

Elisa,

Thank you for the Bluetooth declarations for both applications. We will associate these documents with these 2 applications.

Please note that we are still waiting for the schematic and revised manual per the original request.

Best regards,

Chris Harvey

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

From: elisa.chen@sgs.com [mailto:elisa.chen@sgs.com]
Sent: Friday, October 29, 2004 4:22 AM
To: Chris Harvey; tcbinfo@metlabs.com
Cc: MBosley@metlabs.com; Vincent_Su@sgs.com
Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01 MT#16393

Chris,

Please find attached Bluetooth Declarations for Think Outside (FCC ID: RZSMSBT01) and ARCHER WIRELESS (RSQ-200BT).
I am still waiting for the module schematic of our customer. I will submit to you once I get the schematic.
Thank you for your consideration upon this matter!

Regards,
Elisa Chen

Elisa Chen
E&E Lab. of SGS Taiwan Ltd.
E-Mail: elisa.chen@sgs.com
TEL: +886 2 2299 3279 ext. 1161
FAX: +886 2 2298 2698
No. 134, Wu Kung Road, Wuku Industrial Zone,
Taipei County, Taiwan

Chris Harvey <Chrisharveyemc@comcast.net>

2004/10/27 05:53 AM

To: elisa.chen@sgs.com
cc: Vincent_Su@sgs.com, 'Marianne Bosley' <mbosley@metlabs.com>
Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01 MT#16393

Elisa,

The important thing here is that this device comply with all of the applicable FCC Rules. By having a device comply with the Bluetooth requirements the device meets the requirements I listed in the original request. This is true because in order to meet the Bluetooth Specification, the device must meet these requirements. If this device meets the Bluetooth Specification, a statement that it meets the Bluetooth Specification is all that would be needed. If it does not meet the Bluetooth Specification then I must have an exhibit stating that this EUT meets the following items of 15.247(a)(1), (g) and (h):

_____ Is the hopping sequence pseudorandom, based on the technical description? (See the definition of a Frequency Hopping System)

_____ 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?

A declaration for compliance with each of the requirements above should be sufficient, with the ability to provide evidence to the FCC as needed.

I hope this clarifies this request. Please contact me if you have any further questions.

Best regards,

Chris Harvey

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

From: elisa.chen@sgs.com [mailto:elisa.chen@sgs.com]
Sent: Tuesday, October 26, 2004 12:04 AM
To: Chris Harvey
Cc: Vincent_Su@sgs.com

11/2/2004

Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01

Chris,

Thank you for your mail. I am asking those documents from our customer. I will submit to you immediately.

I have one more question about the Bluetooth compliance part.

Our customer doesn't do the BQB certification. But this is a Bluetooth device.

Under this situation, can we just ask our customer to provide a declaration? Or what is the acceptable way for you?

Please give me some information. Thank you very much!

Regards,

Elisa Chen

Elisa Chen

E&E Lab. of SGS Taiwan Ltd.

E-Mail: elisa.chen@sgs.com

TEL: +886 2 2299 3279 ext. 1161

FAX: +886 2 2298 2698

No. 134, Wu Kung Road, Wuku Industrial Zone,

Taipei County, Taiwan

Chris Harvey

<Crisharveyemc@comcast.net>

To: elisa.chen@sgs.com, tcbinfo@metlabs.com
cc: MBosley@metlabs.com, eva_kao@sgs.com, RFrier@metlabs.com, SMeyers@metlabs.com,
Joe_Chen@sgs.com, Vincent_Su@sgs.com, Karen_Peng@sgs.com, vickyyang@archerwireless.com.tw
Subject: RE: Additional Information Needed Think Outside FCC ID: RZSMSBT01

Elisa,

Thank you for the agent authorization letter. I will associate it with the application documentation.

The schematic diagram submitted in the Archer Application is the same as the one submitted in this Think Outside application. When I did the initial review of the Archer exhibit it was not obvious that the block on the schematic was supposed to be a separate schematic. Upon further review it was discovered that there was a portion of the schematic that was missing. Please provide this schematic and we will associate it with both the Archer application and this Think Outside application.

Please note that the Users Manual submitted with this application is not the same as the Users Manual submitted with the Archer application. The information to the user required by the FCC Rule sections stated below is required to be in this new Users Manual.

I am asking if this product is compliant with the FCC Rules. The test report does not document compliance with several portions of FCC 15.247. If you have completed Bluetooth Compliance testing then a statement from SGS that indicates that this device is Bluetooth Compliant will be sufficient. I have attached a declaration that can be used by SGS and your customers which can be submitted for devices that are Bluetooth Compliant (I think I have provided this to you before). If a device is Bluetooth Compliant then it automatically meets the FCC 15.247 sections referenced below. If a device is not Bluetooth Compliant, then you must submit compliance information for the FCC Rule Sections listed below.

Please let me know if you have any further questions.

Best regards,

11/2/2004

Chris Harvey

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

From: elisa.chen@sgs.com [mailto:elisa.chen@sgs.com]
Sent: Friday, October 22, 2004 4:18 AM
To: Chrisharveyemc@comcast.net; tcbinfo@metlabs.com
Cc: MBosley@metlabs.com; eva_kao@sgs.com; RFrier@metlabs.com; SMeyers@metlabs.com; Joe_Chen@sgs.com; Vincent_Su@sgs.com; Karen_Peng@sgs.com; vickyyang@archerwireless.com.tw
Subject: Re: Additional Information Needed Think Outside FCC ID: RZSMSBT01

Chris,

Please find attached "Agent Authorization Letter (for SGS)" for this project.

I have some questions regarding your comments 2 - 4.

This application only changes in identification to the original Grant you issued at Oct. 11. (Archer Wireless Co., Ltd. / ID: RSQ-200BT).

I submit the same documentation to you and got the Grant.

If we ask those documents to our customer now, they will feel very confused and question the reviewing reliability of MET.

Could you give me an explanation for this issue?

Our customer has already strongly questioned about the TCB we cooperate with due to the IC case they sent recently.

If we ask those documents, I don't think our customer will choose MET in the future.

Regards,

Elisa Chen

Elisa Chen
E&E Lab. of SGS Taiwan Ltd.
E-Mail: elisa.chen@sgs.com
TEL: +886 2 2299 3279 ext. 1161
FAX: +886 2 2298 2698
No. 134, Wu Kung Road, Wuku Industrial Zone,
Taipei County, Taiwan

Chris Harvey <Chrisharveyemc@comcast.net>

To: Elisa_Chen@sgs.com

cc: 'Marianne Bosley' <MBosley@metlabs.com>

Subject: Additional Information Needed Think Outside FCC ID: RZSMSBT01

Elisa, I have reviewed the application referenced above which was submitted late last night and find that the following items are needed before this review can be completed:

1. The agent authorization was only submitted for Think Outside to MET, but SGS submitted the application so there must be a Letter of Authorization from Think Outside to SGS.
2. The Schematic diagrams (confidential item) submitted with this application contains the circuit for everything in this device except for the RF portion which is a CSR Bluetooth module. Please submit the schematic diagram for this RF module.
3. The Users Manual does not contain the required wording from FCC 15.21 and 15.105 (as a Class B Digital Device), or the RF Exposure

11/2/2004

information about not allowing co-located operation (This device and its antenna must not be co-located or operating in the conjunction with any other antenna or transmitter.) Please submit a revised Users Manual containing the required information.

4. The test report indicates that this device is a Bluetooth Mouse, but does not indicate that it complies with the Bluetooth Specification (other reports from SGS indicate Bluetooth Compliant). Please either confirm that this device is Bluetooth Compliant or submit compliance information about FCC 15.247(a)(1) (Pseudorandom, Tx/Rx compliant BW & synchronization, and channels used equally), 15.247(g) and 15.247(h) .

Please submit these items so that the review of this application can be completed.

Best regards,

Chris Harvey