



Request for Additional Information for EMC Certification

Company:	TCT Mobile Suzhou Limited	Composite Device:	Yes: <input checked="" type="checkbox"/>	No: <input type="checkbox"/>
MT#:	25290	FCC Direct Filing:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>
		Permit But Ask:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>
FCC ID:	RAD083	FCC Rule Part:	22/24, 15C and 15B	
UPN:	N/A	RSS Standard:	N/A	
FRN:	0009221672	Class II PC/Reassessment:	Yes: <input type="checkbox"/>	No: <input checked="" type="checkbox"/>

Dear Zi,

Thank you for your application. In order for us to process your approval, the following must be addressed. Please provide a response in a timely manner to avoid delays or dismissals.

Technical Review:

1. In the SAR report the SAR plot on page 59 of 123 for the low channel 850MHz GPRS mode seems to be inconsistent with the other plots, mid and high channels, for the same EUT position. The SAR value also seems to be substantially lower than would be expected relative to the other configurations. Please confirm that the plot and resulting SAR value is accurate for this device channel and positioning.
2. The line conducted setup photos on page 17 of 17 of the 15B report shows an extension cord with a power strip being used to connect the EUT host to the LISN as well as for the ETU charger to the LISN. The use of extension cords to extend the length of the EUT/host power cable is not in accordance with ANSI C63.4. Also, it is unclear if the power strip contains any surge protection which may affect the emission results. Please test the line conducted emissions in accordance with ANSI C63.4.
3. For conducted emission the voltage and frequency settings cannot be located in the reports. Please indicate where this can be found.
4. On page 17 of 17 of the 15B report the test setup photo for both line conducted and radiated emission indicate that the keyboard was positioned in the middle of the table. In accordance with ANSI C63.4 the keyboard should be placed at the front edge of the table rather than the center. No retesting is required but for future filings please follow the test setup requirements in ANSI C63.4.
5. The line conducted data for the EUT charger was found in the part 22 and 24 reports and should be included in the 15B report instead. Please add the line conducted data for the charger to the 15 B report.
6. The 15.207 line conducted data for the Blue Tooth device cannot be located. Please confirm where this data can be found.



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7. FYI. In accordance with FCC 2.1033 (c)(8) the values of the DC voltages applied to and DC currents into the several elements of the final radio frequency amplifying device for normal operation over the power range is required. For future filings please include this information in the operating description.

If you have any questions or concerns, please contact us.

Thank you!

Jennifer Warnell
TCB Administrator
MET Laboratories, Inc.
tcbinfo@metlabs.com
www.metlabs.com

Admin Review By: Jenn Warnell

Technical Review By: Shawn McMillen, Len Knight, Dusmantha Tennakoon

Please note that partial responses increase processing time and should not be submitted. The items indicated above must be provided before processing can continue on the above referenced application. Failure to provide the requested information in a timely manner may result in application dismissal.

Jenn Warnell

From: Zixiaogang(Emcite) [zixiaogang@emcite.com]
Sent: Monday, August 18, 2008 5:03 AM
To: Jenn Warnell
Cc: Jennifer Sanchez; Angela Kekovski; 'Zixiaogang(Gmail)'
Subject: 答复: EMC25290 - FCC TCB Request for FCC ID: RAD083
Attachments: TCT NRG sport A 2008TAR035_Part15B_rev1.pdf; TCT NRG sport A 2008TAR034_Part2224_rev1.pdf; 15 OT-I650A Test setup photograph_rev1.pdf

Dear Jenn:

For Question 1: We have checked that the plot and SAR value are both right for the device channel and positioning.

For Question 2-6: I had retest according the new requirement and revised the test reports. Pls see the attached test reports and the test setups photo.

The
Thanks

With Best Regards.



GSM/UMTS Test Group

訾晓刚 Zi Xiaogang

E-mail: zixiaogang@emcite.com

信息产业部通信计量中心 Telecommunication Metrology Center of MII

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发件人: Jenn Warnell [mailto:jwarnell@metlabs.com]

发送时间: 2008年8月16日 3:22

收件人: Zixiaogang(Emcite)

抄送: Jenn Warnell; Jennifer Sanchez; Angela Kekovski

主题: EMC25290 - FCC TCB Request for FCC ID: RAD083

Hi Zi,

Thank you for your application. Our reviewers have reviewed your application and have come across a few areas of concern. Please refer to the attached Request of Technical Information to address these issues. If you have any questions, please let me know.

Thanks!

Regards,

Jenn Warnell

TCB Administrator/Documentation

MET Laboratories, Inc.

Phone: 410-949-1877

Fax: 410-354-3313

www.metlabs.com

Jenn Warnell

From: Xiaogang Zi [zixiaogang@gmail.com]
Sent: Monday, August 18, 2008 11:34 AM
To: Jenn Warnell; Jennifer Sanchez; Angela Kekovski
Subject: Re: 答复: EMC25290 - FCC TCB Request for FCC ID: RAD083
Attachments: TCT NRG Sport A Part 15C test report rev1.pdf

Dear Jenn:
pls see the attched file.
It's the Part 15C test report revised version for this project.
I had added the BT conducted emission test result in it.
pls check it, any problem, pls let me konw in time.
thanks

在08-8-18, Xiaogang Zi <zixiaogang@gmail.com> 写道:

Dear Jenn:
pls see the attached Part 15C test report.
I had add the BT conducted emission test result in it.
pls check it.
Any problem, ple let me konw in time.
thanks

在08-8-18, Zixiaogang(Emcite) <zixiaogang@emcite.com> 写道:

Dear Jenn:

For Question 1: We have checked that the plot and SAR value are both right for the device channel and positioning.

For Question 2-6: I had retest according the new requirement and revised the test reports. Pls see the attached test reports and the test setups photo.

The

Thanks

With Best Regards.

RT 08/19/2008

Please indicate where this information can be found in the reports.

3. For conducted emission the voltage and frequency settings cannot be located in the reports. Please indicate where this can be found.

FYI. When responding to RTs please respond to each line item indicating the corrective action taken as where this can be found in the reports and/or attachments.

Jenn Warnell

From: Zixiaogang(Emcite) [zixiaogang@emcite.com]
Sent: Tuesday, August 19, 2008 10:05 PM
To: Jenn Warnell
Cc: Jennifer Sanchez; Angela Kekovski
Subject: 答复: EMC25290 - FCC TCB Application for FCC ID: RAD083
Attachments: TCT NRG sport A 2008TAR035_Part15B_rev2.pdf; TCT NRG sport A 2008BTH0020_Part15C_rev2.pdf; TCT NRG sport A 2008TAR034_Part2224_rev2.pdf

Dear Jenn:
Pls see the attached test report.
I had added the voltage and the frequency condition in the test reports.
Pls check.
Thanks

With Best Regards.



GSM/UMTS Test Group

訾晓刚 Zi Xiaogang

E-mail: zixiaogang@emcite.com

信息产业部通信计量中心 Telecommunication Metrology Center of MII

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发件人: Jenn Warnell [mailto:jwarnell@metlabs.com]
发送时间: 2008年8月19日 23:26
收件人: Zixiaogang(Emcite)
抄送: Jenn Warnell; Jennifer Sanchez; Angela Kekovski
主题: EMC25290 - FCC TCB Application for FCC ID: RAD083

Hello Zi,

Thank you for all of your responses. Please find the attached RT pertaining to a concern the technical reviewer has regarding your last response.

Thank you.

Regards,

Jenn Warnell

TCB Administrator/Documentation

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