

## Jennifer Sanchez

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**From:** Xu, Anya (Shanghai) [Anya.Xu@sgs.com]  
**Sent:** Monday, August 04, 2008 1:00 AM  
**To:** Jennifer Sanchez  
**Cc:** Shawn McMillen; Chris Harvey; Len Knight; Angela Kekovski; Jenn Warnell  
**Subject:** RE: 81014 SGS - Request for Additional Information  
**Attachments:** ER-2008-40033 SGS 上海\_Part 22H+24E\_.pdf

Dear Jennifer,

Thank you very much for your feedback about the error in the Part22/Part24 report, we had revised the report, please review it again.  
If no problem, please send FCC Grant for me ASAP.

Your appreciation will gain highly level.

Best regards!

Anya

**From:** Jennifer Sanchez [mailto:jsanchez@metlabs.com]  
**Sent:** 2008年8月2日 8:05  
**To:** Xu, Anya (Shanghai); Cai, Cai (Shanghai)  
**Cc:** Shawn McMillen; Chris Harvey; Len Knight; Angela Kekovski; Jenn Warnell; Jennifer Sanchez  
**Subject:** 81014 SGS - Request for Additional Information  
**Importance:** High

Hi Anya & Cai Cai,

During the final review of your application, our reviewer has a concern, please see below:

*In the test report, for the Conducted Spurious testing, measurements were not made up to the 10th harmonic for the PCS band, pursuant § 2.1057 Frequency spectrum to be investigated. No explanation was given in the test report.*

Please address.

Thanks!

**Mrs. J. Sanchez**

TCB Administrator

MET Laboratories (Santa Clara, CA)

408-207-4785 Direct

408-829-1603 Cell

[jsanchez@metlabs.com](mailto:jsanchez@metlabs.com)



Certifying the World, One Product at a Time

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8/4/2008

## Jenn Warnell

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**From:** Xu, Anya (Shanghai) [Anya.Xu@sgs.com]  
**Sent:** Thursday, July 31, 2008 12:57 AM  
**To:** Chris Harvey; Jennifer Sanchez  
**Cc:** Angela Kekovski; Jenn Warnell; Kevin Mehaffey; Shawn McMillen  
**Subject:** RE: 81014 SGS - Request for Additional Information for TCT Mobile, FCC ID: RAD077 - Notice #2  
**Attachments:** 5\_Operational descriptionOT-S120A,S210A,S211A.DOC; RE: OT-S120A/OT-S210A/OT-S211A Issues from TCB; RE: Additional information needed for METrak# 81012 : FCC ID: RAD078 TCB Application - Notice #2; SGS-SAR-GSM10933811-OT-S210A 0725.pdf

Dear Chris,

Thank very much for your information.

I had updated the relative question, please the description with blue in your email.

If you have any question, please don't hesitate to contact me.

Best regards!

Anya

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**From:** Chris Harvey [mailto:charveyemc@gmail.com] **On Behalf Of** Chris Harvey  
**Sent:** 2008年7月30日 21:54  
**To:** Xu, Anya (Shanghai); 'Jennifer Sanchez'  
**Cc:** 'Angela Kekovski'; 'Jenn Warnell'; 'Kevin Mehaffey'; 'Shawn McMillen'  
**Subject:** RE: 81014 SGS - Request for Additional Information for TCT Mobile, FCC ID: RAD077 - Notice #2

Dear Anya, I have now had the opportunity to review the documents I received on Friday (after some difficult e-mail troubles all yesterday) and have the following additional comments that need to be addressed before the review can be continued:

1. The original test report indicated that a 100kHz RBW was used for the ERP measurements. The updated test report states that the Spectrum Analyzer was set to 250kHz, but the measurement values are identical to the measurements using 100kHz. The ERP measurements should be performed with a 1MHz RBW.

The document (RE: OT-S120A/OT-S210A/OT-S211A Issues from TCB) is the Vincent's response about this question from

Taiwan. Vincent is FCC RF Manager, if this part still has the question, he will contact you directly through email or you could call

him.

2. The Test Report and Manual states that a 670mAH battery is used/available; however the Operational Description states that this device will operate in standby for 250 hours using a 750mAh battery. It appears that the 750mAH battery was not used for testing. Please confirm that all batteries to be used with this device have been tested for SAR compliance and update any exhibits that contain incorrect information.

Sorry for forgot to send the document of operational description last time, Please refer to the document (5\_Operational descriptionOT-S120A,S210A,S211A.doc).

3. The updated SAR report has additional SAR measurements for the antenna near mouth region, using a separation distance of 0.5cm to the phantom. It appears that the highest SAR values using a separation of 0.5cm for GSM 0.867W/kg (conducted power 31.4dBm) are slightly higher than the Body SAR measurements using a 2.0cm separation for GSM 0.852 W/kg (conducted power 29.5dBm). Please provide a detailed explanation of this discrepancy in power and SAR and re-measure as necessary.

Please refer to the document (RE: Additional information needed for METrak# 81012 : FCC ID: RAD078 TCB Application - Notice #2), it is the response from the SAR manager's Will.

4. The Conducted power in the SAR report is as much as 1.03dB higher than the conducted power in the RF report. Please provide a detailed explanation of this large difference in the conducted RF power measurements and the rated power.

RF report 30.97dBm-GSM, 28.97dBm-PCS

SAR Report 32.0dBm-GSM, 29.9dBm-PCS ( I had revised the SAR report last time, and I sent the report again, please refer to the report (SGS-SAR-GSM10933828\_OT-S211A 0725.pdf.)

Rated power 33dBm-GSM, 30dBm-PCS

the power in the page 5 of the SAR report is the nominated power according to the specification, please refer to the summary of result in the page 11 of SAR report for the actually measured power, which is in line with the power in RF report.

Please let me know if you have any questions. Please provide a single response to all these issues.

Best regards,

Chris Harvey

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**From:** Xu, Anya (Shanghai) [mailto:Anya.Xu@sgs.com]

**Sent:** Friday, July 25, 2008 7:11 AM

**To:** Jennifer Sanchez

**Cc:** Chris Harvey; Angela Kekovski; Jenn Warnell; Kevin Mehaffey; Shawn McMillen

**Subject:** RE: 81014 SGS - Request for Additional Information for TCT Mobile, FCC ID: RAD077

Dear Jennifer,

Good morning.

Thanks for your information about this case.

Please find the attached updated documents of RAD077.

Comment1): OT-S210A has USB port, it just for USB charging and uses earphone not mass storage please refer to document.

Comment2 and comment4): please refer to document (test report (OT-S210A).pdf).

Comment3): please refer to documents (20\_U81 US family e-BOM.rar and 08\_OT-S120, S210, S211 PCB layout drawing.rar).

Comment5) please refer to document (U8-UM-MAP-USA-23-07-08.pdf)

Comment6 and coments7)): please refer to SAR REPORT.

Please kindly review and your comments are welcomed.

Best regards!

Anya

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**From:** Jennifer Sanchez [mailto:jsanchez@metlabs.com]

**Sent:** 2008年7月9日 1:33

**To:** Xu, Anya (Shanghai)

**Cc:** Chris Harvey; Angela Kekovski; Jenn Warnell; Jennifer Sanchez; Kevin Mehaffey; Shawn McMillen

**Subject:** 81014 SGS - Request for Additional Information for TCT Mobile, FCC ID: RAD077

**Importance:** High

Hi Anya,

Please find attached our Technical Reviewers concerns regarding this application. If you have any questions, please let me know.

Thanks~

7/31/2008

**Mrs. J. Sanchez**  
TCB Administrator  
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**Attachments:** Test report (OT-S210A).pdf; 20\_U81 US family e-BOM.RAR; 08\_OT-S120,S210,S211 PCB layout drawing.rar; U8-UM-MAP-USA-23-07-08.pdf; SGS-SAR-GSM10933811-OT-S210A 0725.pdf

Dear Jennifer,

Good morning.

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Comment2 and comment4): please refer to document (test report (OT-S210A).pdf).

Comment3): please refer to documents (20\_U81 US family e-BOM.rar and 08\_OT-S120, S210, S211 PCB layout drawing.rar).

Comment5) please refer to document (U8-UM-MAP-USA-23-07-08.pdf)

Comment6 and coments7)): please refer to SAR REPORT.

Please kindly review and your comments are welcomed.

Best regards!

Anya

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**To:** Xu, Anya (Shanghai)  
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**Importance:** High

Hi Anya,

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Thanks~

**Mrs. J. Sanchez**

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7/30/2008