

Dear Dennis,

Here are the answers,

1. Please explain why the epsilon and sigma dielectric body references for the probe (sn 266) in the SAR report, page 12, do not match the calibrated values (i.e. cal data says 55.2 and 1.05 while the SAR report says 55.2 and 0.97). Please correct if necessary. If this is an error from the calibration of the probe, please make sure that a letter of explanation is provided from the calibration lab explaining why the error (i.e. typo etc).

ANS: It's a typo. Please refer to the letter provided by the calibrated Lab.  
An updated appendix E Probe\_835\_Body uploaded.

2. Please explain why a cell phone positioner is displayed in the SAR report instead of the actual positioner for the laptop.

ANS: Because we attempted to state a general arrangement assessment setup for WWAN device. For this project, 5.2.4 Test Positions for body-worn is enough. If you insist, I will remove all the other paragraph except 5.2.4

3. Please explain why section 5.2 of the SAR report does not address the actual type device setup but instead addresses a cell phone type device. Please address the actual EUT device for when explaining test setup etc.

ANS: Because we attempted to state a general arrangement assessment setup for WWAN device. For this project, 5.2.4 Test Positions for body-worn is enough. If you insist, I will remove all the other paragraphs except 5.2.4

4. Please note that the documentation states the device is a CDMA2000 device. Please note that the SAR testing is stated to be done using FTAP and RTAP for 1x EV-Do. Please note that this is a 3G device. Please note that the FCC has stated that specific issues have to be addressed and or explained in the SAR report when testing 3G products. Please review and verify that testing procedures applicable in the FCC KDB 941225 were used. Please clearly identify the particular information concerning data rates and payload rates used for FTAP and RTAP, how power control was achieved. Also, please verify power control settings (i.e. FTAP and RTAP require "all bits up" )

ANS: We use Agilent 8960 base station to connect EUT, and set maximum power and all bit up of FTAP and RTAP in RC3(EVDO mode) measurement.  
Please refer the updated report for the missing data of FTAP on 4.1.4 of page 8

5. Please clearly identify the outline of the EUT in the SAR data plots.

ANS: We have indicated the EUT position in the report.

Please refer the EUT position in appendix D of SAR report,

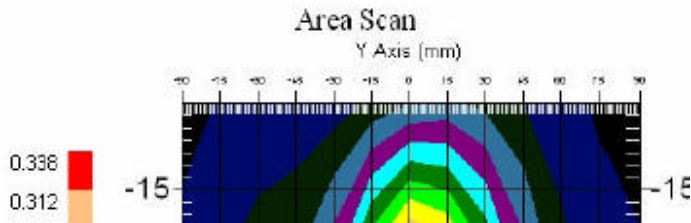
**1.1 FTAP 835 MHz, EUT Position: Side**

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Measurement Data
Crest Factor      : 1
Area Scan        : 4x13x1 : Measurement x=-15mm, y=15mm, z=4mm
Zoom Scan        : 5x5x8 : Measurement x=8mm, y=8mm, z=4mm

DUT Position     : Touch
Channel          : Mid - 836.4MHz

Power Drift-Start : 0.289 W/kg
Power Drift-Finish: 0.297 W/kg
Power Drift (%)   : 2.768
    
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also you can find the position on page 22 of SAR report <06LR033SAR-F>



## 9. Test Result Summary

### 9.1 CDMA2000 (835MHz) Test Result

SAR Measurement						
Ambient Temperature (°C) : 22.3 ±1				Relative Humidity (%) : 49		
Liquid Temperature (°C) : 22.2 ±1				Depth of Liquid (cm) : >15		
Test Mode : CDMA2000 FTAP ( 835MHz )						
Test Position of EUT	Antenna Type	Frequency		Conducted power (dBm)	SAR 1g (W/Kg)	Limit (W/Kg)
		Channel	MHz			
Side	Internal	Low	824.73	--	--	--
Side	Internal	Mid	836.4	23.34	0.311	1.6
Side	Internal	High	848.19	--	--	--
Test Mode : CDMA2000 RTAP ( 835MHz )						
Side	Internal	Low	824.73	23.59	<b>0.719</b>	1.6
Side	Internal	Mid	836.4	23.36	0.344	1.6
Side	Internal	High	848.19	23.39	0.571	1.6
Back	Internal	Low	824.73	23.59	0.425	1.6
Back	Internal	Mid	836.4	23.36	0.498	1.6
Back	Internal	High	848.19	23.39	0.268	1.6

Note: The SAR measured at the middle channel for this configuration is at least 3 dB lower than SAR limit, testing at the high and low channels is option.

6. Please provide the users manual for the laptop with the WLAN device. Please insure that appropriate rf exposure statements are included.

ANS: Sorry, I am requesting to my customer.

7. Please note that the table of results on page 8 of the report states that the conducted power is ERP. Please note that conducted power is not ERP as ERP is an effective RADIATED power. Please correct the report to properly describe and properly use the correct power units of dBm and not ERP.

ANS: Corrected.

Please refer the updated page 8

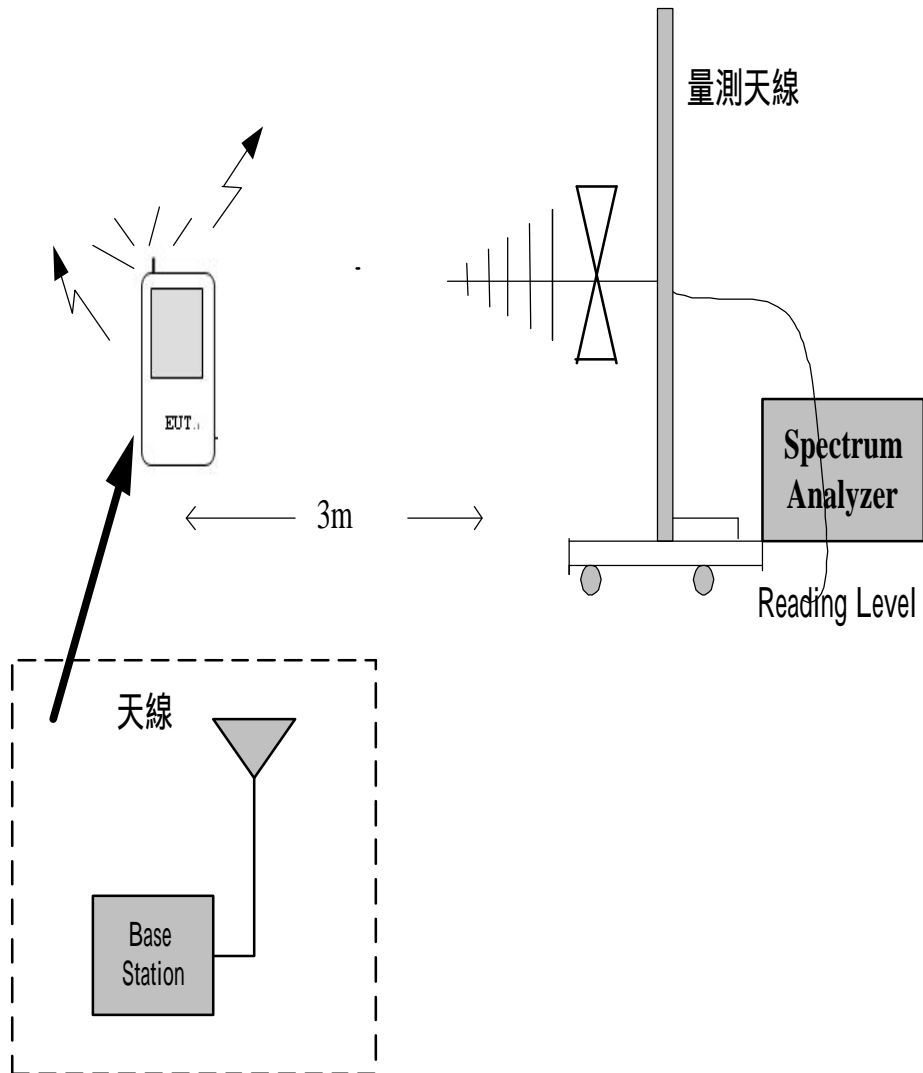
8. Please explain and properly identify the term “Path Loss” on page 8 of the report in the conducted power table (section 4.1.4)

ANS: It's what we so called “cable Loss”. I have changed the wording from “Path Loss” to “cable loss”

Please refer the updated page 8

9. Please note that while the SAR report indicates that this device may have been tested in CDMA 1XEV-DO configuration, there does not appear to be any supporting information in the EMC report to justify what mode of operation the device was tested. Please explain and provide information on the test configuration used in the EMC report.

ANS: We use Agilent 8960 base station to connect EUT, and set maximum power and all bit up of FTAP and RTAP in RC3(EVDO mode) measurement.



\* Please remove the shields from the module and provide internal photos showing component location etc.

[ANS: Add a new photo on EUT-10 of photo-internal.](#)

\* if the parts list is to be confidential - please revise the request letter to include the parts list.

[ANS: A new AP-letters uploaded](#)

\*The powers listed on the 731 are incorrect as they should be the conducted power as this is a PCB not a PCE. These will be changed to reflect the actual results in the test report for conducted powers

[ANS: A new form731 uploaded](#)