

FCC SAR

TEST REPORT

of

HC-C2076 Model Name: HC-C2076 Trade Name: Haier Report No.: SZ09060119S01 FCC ID: SG70906HC-C2076

prepared for

Qingdao Haier Telecom Co., Ltd. No.1, Haier Road, Hi-tech Zone, Qingdao, 266101, P.R. China



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Page 1 of 80



Contents

. GENERAL INFORMATION	.3
1.1. Notes	3
1.2. Organization item	3
1.3. Conclusion	3
2. TESTING LABORATORY	4
2.1. Identification of the Responsible Testing Laboratory	4
2.2. Identification of the Responsible Testing Location	4
2.3. Accreditation Certificate	4
2.4. List of Test Equipments	4
3. TECHNICAL INFORMATION	.5
3.1. Identification of Applicant	5
3.2. Identification of Manufacturer	5
3.3. Equipment Under Test (EUT)	5
3.3.1. Photographs of the EUT	6
3.3.2. Identification of all used EUTs	6
4. TEST RESULTS	.6
4.1. Applied Reference Documents	6
4.2. Test Environment/Conditions	7
4.3. Operational Conditions During Test	7
4.3.1. Informations On The Testing	8
4.3.2. The Measurement System1	0
4.3.3. Uncertainty Assessment1	2
4.4. MEASUREMENT PROCEDURES 1	6
4.4.1. Procedures Used To Establish Test Signal1	6
4.5. Items used in the Test Results List1	7
4.6. Test Results List1	8
ANNEX A ACCREDITATION CERTIFICATE1	9
ANNEX B PHOTOGRAPHS OF THE EUT2	0
ANNEX C GRAPH TEST RESULTS2	3



General Information

1.1. Notes

The test results of this test report relate exclusively to the information specified in section 3.3. Shenzhen Electronic Product Quality Testing Center Morlab Laboratory does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the identification. The test report may only be reproduced or published in full. Reproduction or publications of extracts from the test report requires the prior written approval of Shenzhen Electronic Product Quality Testing Center Morlab Laboratory. The test report shall be invalid without all the signatures of testing the Project Manager, the Deputy Project Manager and the Test Lab Manager. Any objections must be raised to Morlab within 30 days since the date when the report is received. It will not be taken into consideration beyond this limit.

1.2. Organization item

Report No.:	SZ09060119S01
Date of Issue:	Jul 9, 2009
Date of Tests:	Jul 7, 2009 –Jul 7, 2009
Responsible for Accreditation:	Zeng dexin
Project Manager:	Li Lei
Deputy Project Manager:	Liao Jianming

1.3. Conclusion

Shenzhen Electronic Product Quality Testing Center Morlab Laboratory has verified that all tests as listed in the section 4.6 of this report haven been performed successfully with the tested equipment.



Page 3 of 80



2. Testing Laboratory

2.1. Identification of the Responsible Testing Laboratory

Company Name:	Shenzhen Electronic Product Quality Testing Center
Department:	Morlab Laboratory
Address:	3/F, Electronic Testing Building, Shahe Road, Nanshan
	District, Shenzhen, 518055 P. R. China
Responsible Test Lab Manager:	Mr. Shu Luan
Telephone:	+86 755 86130268
Facsimile:	+86 755 86130218
Department: Address: Responsible Test Lab Manager: Telephone:	Morlab Laboratory 3/F, Electronic Testing Building, Shahe Road, Nanshan District, Shenzhen, 518055 P. R. China Mr. Shu Luan +86 755 86130268

2.2. Identification of the Responsible Testing Location

Name:	Shenzhen Electronic Product Quality Testing Center Morlab			
	Laboratory			
Address: 3/F, Electronic Testing Building, Shahe Road, Nansh				
	District, Shenzhen, 518055 P. R. China			

2.3. Accreditation Certificate

Accredited Testing Laboratory: No. CNAS L1659 (see Annex A)

2.4. List of Test Equipments

No.	Instrument Type			
1	PC	Dell (Pentium IV 2.4GHz, SN:X10-23533)		
2	Network Emulator	Rohde&Schwarz (CMU200, SN:105894)		
3	Voltmeter	Keithley (2000, SN:1000572)		
4	SynthetizerRohde&Schwarz (SML_03, SN:101868)			
5	Amplifier	Nucl udes (ALB216, SN:10800)		
6	Power Meter	Rohde&Schwarz (NRVD, SN:101066)		
7	Probe Antennessa (SN:SN_3708_EP80)			
8	Phantom	Antennessa (SN:SN_36_08_SAM62)		
9	Liquid	Antennessa (Last Calibration:21 08 04)		



3. Technical Information

Note: the following data is based on the information by the applicant.

3.1. Identification of Applicant

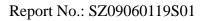
Company Name:	Qingdao Haier Telecom Co., Ltd.
Address:	No.1, Haier Road, Hi-tech Zone, Qingdao, 266101, P.R. China
Contact Person:	Xujun
Telephone:	+86(532)88936583
Facsimile:	+86(532)88936583
E-mail:	xu_jun@haier.com

3.2. Identification of Manufacturer

Company Name:	Qingdao Haier Telecom Co., Ltd.
Address:	No.1, Haier Road, Hi-tech Zone, Qingdao, 266101, P.R. China
Contact Person:	Xujun
Telephone:	+86(532)88936583
Facsimile:	+86(532)88936583
E-mail:	xu_jun@haier.com

3.3. Equipment Under Test (EUT)

Brand Name:	Haier	
Type Name:	Haier	
Marking Name:	HC-C2076	
Hardware Version:	SP	
Software Version:	HA2076MV01.1	
Frequency Bands:	Tx:825.25 MHz—847.75MHz	Rx: 870.25 MHz-892.75MHz
Modulation Mode:	CDMA	
Antenna type:	Build inside	
Accessories:	Charger; Battery	
Battery Model:	H15132	
Battery specification:	1000mAh 3.7V	





3.3.1. Photographs of the EUT

Please see for photographs of the EUT.

3.3.2. Identification of all used EUTs

The EUT Identity consists of numerical and letter characters (see the table below), the first five numerical characters indicates the Type of the EUT defined by Morlab, the next letter character indicates the test sample, and the following two numerical characters indicates the software version of the test sample.

EUT Identity	ESN	Hardware Version	Software Version
1#	00000000	SP	HA2076MV01.1

4. Test Results

4.1. Applied Reference Documents

Leading reference documents for testing:

No.	Identity	Document Title				
1	47 CFR § 2. 1093	Radiofrequency Radiation Exposure Evaluation: Portable Devices				
2	FCC OET	Evaluating Compliance with FCC Guidelines for Human				
	Bulletin 65	Exposure to Radiofrequency Electromagnetic Fields				
	(Edition 97-01),					
	Supplement C					
	(Edition 01-01)					
3	ANSI C95.1-1999	1999 IEEE Standard for Safety Levels with Respect to Human				
		Exposure to Radio Frequency Electromagnetic Fields, 3kHz to				
		300 GHz				
4	IEEE 1528-2003	Recommended Practice for Determining the Peak Spatial-Average				
		Specific Absorption Rate(SAR) in the Human Body Due to				
		Wireless Communications Devices: Experimental Techniques.				



4.2. Test Environment/Conditions

Normal Temperature (NT):	20 25 °C		
Relative Humidity:	30 75 %		
Air Pressure:	980 1020 hPa		
Details of Power Supply:	220V/50Hz AC		
Extreme Temperature:	Low Temperature (LT)	=	-10°C
	High Temperature (HT)	=	55°C
Extreme Voltage of the EUT:	Normal Voltage (NV)	=	3.80V
	Low Voltage (LV)	=	3.60V
	High Voltage (HV)	=	4.20V
Test frequency:	CDMA 800MHz		
Operation mode:	Call established		
Power Level:	Maximum output power		

During SAR test, EUT is in Traffic Mode (Channel Allocated) at Normal Voltage Condition. A communication link is set up with a System Simulator (SS) by air link, and a call is established.

The Absolute Radio Frequency Channel Number (ARFCN) is allocated to 1013, 384 and 777 respectively in the case of CDMA 800MHz, The EUT is commanded to operate at maximum transmitting power.

The EUT shall use its internal transmitter. The antenna(s), battery and accessories shall be those specified by the manufacturer. The EUT battery must be fully charged and checked periodically during the test to ascertain uniform power output. If a wireless link is used, the antenna connected to the output of the base station simulator shall be placed at least 50 cm away from the handset.

The signal transmitted by the simulator to the antenna feeding point shall be lower than the output power level of the handset by at least 35 dB.



4.3. Operational Conditions During Test

4.3.1. Informations On The Testing

I. INFORMATIONS ON THE TESTING

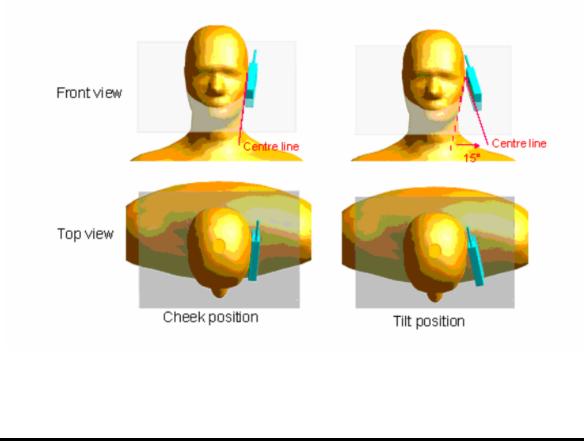
I.1. Normative reference

IEEE 1528: Recommended Practice for determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques. Institute of Electrical and Electronics Engineers, INC., 2003.

I.3. Positions and test conditions of the mobile phone under test

The mobile phone antenna and battery are those specified by the manufacturer. The battery is fully charged before each measurement. The output power and frequency are controlled using a base station simulator. The mobile phone is set to transmit at its highest output peak power level.

The mobile phone is test in the "cheek" and "tilted" positions on the left and right sides of the phantom. The mobile phone is placed with the vertical centre line of the body of the mobile phone and the horizontal line crossing the centre of the earpiece in a plane parallel to the sagittal plane of the phantom.





Description of the « cheek » position:

The mobile phone is well placed in the reference plane and the earpiece is in contact with the ear. Then the mobile phone is moved until any point on the front side get in contact with the cheek of the phantom or until contact with the ear is lost.

Description of the « tilted » position:

The mobile phone is well place in the "cheek" position as described above. Then the mobile phone is moved outward away from the mouth by an angle of 15 degrees or until contact with the ear lost.



4.3.2. The Measurement System

Comosar is a system that is able to determine the SAR distribution inside a phantom of human being according to different standards. The Comosar system consists of the following items:

- Main computer to control all the system
- 6 axis robot
- Data acquisition system
- Miniature E-field probe
- Phone holder
- Head simulating tissue

The following figure shows the system.



COMOSAR bench

The mobile phone under test operating at the maximum power level is placed in the phone holder, under the phantom, which is filled with head simulating liquid. The E-Field probe measures the electric field inside the phantom. The OpenSAR software computes the results to give a SAR value in a 1g or 10 g mass.

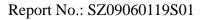
II.1. Phantom

For the measurements the Specific Anthropomorphic Mannequin (SAM) defined by the IEEE SCC-34/SC2 group is used. The phantom is a polyurethane shell integrated in a wooden table. The thickness of the phantom amounts to 2 mm +/- 0.2 mm. It enables the dosimetric evaluation of left and right hand phone usage and includes an additional flat phantom part for the simplified performance check. The phantom set-up includes a cover, which prevents the evaporation of the liquid.

II.2. Probe

For the measurements the Specific Dosimetric E-Field Probe SSE5 with following specifications is used.

- Dynamic range: 0.01-100 W/kg
- Tip Diameter : 5 mm





- Distance between probe tip and sensor center : 2.5 mm
- Distance between sensor center and the inner phantom surface: 4 mm (repeatability better than +/- 1mm).
- Probe linearity : <0.25 dB
- Axial Isotropy : <0.25 dB
- Spherical Isotropy : <0.50 dB
- Calibration range : 835 to 2500 MHz for head & body simulating liquid
- Angle between probe axis (evaluation axis) and suface normal line : less than 30°

II.3. Measurement procedure

The following steps are used for each test position

- Establish a call with the maximum output power with a base station simulator. The connection between the mobile and the base station simulator is established via air interface
- Measurement of the local E-field value at a fixed location. This value serves as a reference value for calculating a possible power drift.
- Measurement of the SAR distribution with a grid of 8 to 16 mm * 8 to 16 mm and a
 constant distance to the inner surface of the phantom. Since the sensors can not
 directly measure at the inner phantom surface, the values between the sensors and the
 inner phantom surface are extrapolated. With these values the area of the maximum
 SAR is calculated by an interpolation scheme.
- Around this point, a cube of 30 * 30 * 30 mm or 32 * 32 * 32 mm is assessed by measuring 5 or 8 * 5 or 8 * 4 or 5 mm. With these data, the peak spatial-average SAR value can be calculated.

II.4 Description of interpolation/extrapolation scheme

The local SAR inside the phantom is measured using small dipole sensing elements inside a probe body. The probe tip must not be in contact with the phantom surface in order to minimise measurements errors, but the highest local SAR will occur at the surface of the phantom.

An extrapolation is using to determinate this highest local SAR values. The extrapolation is based on a fourth-order least-square polynomial fit of measured data. The local SAR value is then extrapolated from the liquid surface with a 1 mm step.

The measurements have to be performed over a limited time (due to the duration of the battery) so the step of measurement is high. It could vary between 5 and 8 mm. To obtain an accurate assessment of the maximum SAR averaged over 10 grams and 1 gram requires a very fine resolution in the three dimensional scanned data array.



4.3.3. Uncertainty Assessment

The following table includes the uncertainty table of the IEEE 1528. The values are determined by Antennessa.

a	b	c	d	e=f(d,k)	f	g	h=	i=	k
	-		+ <u> </u>	+		-	c*f/e	c*g/e	
Uncertainty Component	Sec.	Tol	Prob.	Div.	Ci (1g)	Ci	1g Ui	10g Ui	Vi
		(+-	Dist.			(10g)	(+-%)	(+-%)	
		%)				+			─
Measurement System		+	+	 	+	+		+	–
Probe calibration	E.2.1	7.0	N	1	1	1	7.00	7.00	~~~~
Axial Isotropy	E.2.2	2.5	R	√3	(1-Cp) ^{1/2}	(1-Cp) ^{1/2}	1.02	1.02	00
Hemispherical Isotropy	E.2.2	4.0	R	√3	VCp	$\sqrt{C_{P}}$	1.63	1.63	00
Boundary effect	E.2.3	1.0	R	√3	1	1	0.58	0.58	8
Linearity	E.2.4	5.0	R	√3	1	1	2.89	2.89	8
System detection limits	E.2.5	1.0	R	√3	1	1	0.58	0.58	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Readout Electronics	E.2.6	0.02	N	1	1	1	0.02	0.02	~
Reponse Time	E.2.7	3.0	R	√3	1	1	1.73	1.73	8
Integration Time	E.2.8	2.0	R	√3	1	1	1.15	1.15	~~~
RF ambient Conditions	E.6.1	3.0	R	$\sqrt{3}$	1	1	1.73	1.73	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Probe positioner Mechanical	E.6.2	2.0	R	√3	1	1	1.15	1.15	~
Tolerance			<u> </u>	10		_	+		+
Probe positioning with respect	E.6.3	0.05	R	√3	1	1	0.03	0.03	~~
to Phantom Shell	5.50				+	+	2.90		+
Extrapolation, interpolation and	E.5.2	5.0	R	√3	1	1	2.89	2.89	~
integration Algoritms for Max.									
SAR Evaluation		+		<u> </u>	+	<u> </u>	_		_
Test sample Related			+	+	+	+			
Test sample positioning	E.4.2.1	0.03	N	1	1	1	0.03	0.03	N-
Device Holder Uncertainty	E.4.1.1	5.00	N	1	1	1	5.00	5.00	_
Output power Variation - SAR	6.6.2	4.76	R	√3	1	1	2.75	2.75	~
drift measurement									-
Phantom and Tissue Parameters	<u> </u>	<u> </u>	<u> </u>	<u></u>		<u> </u>		<u> </u>	<u> </u>
Phantom Uncertainty (Shape	E.3.1	0.05	R	√3	1	1	0.03	0.03	~
and thickness tolerances)		<u> </u>		1-					
Liquid conductivity - deviation	E.3.2	0.57	R	√3	0.64	0.43	0.21	0.14	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
from target value				15					



Report No.: SZ09060119S01

Liquid conductivity -	E.3.3	5.00	Ν	1	0.64	0.43	3.20	2.15	М
measurement uncertainty									
Liquid permittivity - deviation	E.3.2	3.66	R	1	0.6	0.49	1.27	1.04	~~~
from target value				¥3					~~~~
Liquid permittivity -	E.3.3	10.00	Ν	1	0.6	0.49	6.00	4.90	М
measurement uncertainty									
Combined Standard Uncertainty			RSS				11.28	10.78	
Expanded Uncertainty			k				21.99	21.03	
(95% Confidence interval)									

4.3.4. Equipments and results of validation testing

Equipments :

name	Type and specification
Signal generator	E4433B
Directional coupler	450MHz-3GHz
Amplifier	3W 502(10-2500MHz)
Reference dipole	SN 36/08 DIPF 101

Results:

Frequency	Target value (1g)	Test value (1g)	
835MHz	10.8W/Kg	10.7(head)	10.9(body)

Note:Please refer to check the system performance data, the first 75-80page. 250 mW input power



4.3.5. Dielectric Performance

The measured 1-gram averaged SAR values of the device against the head and the body are provided in Tables 1 and 2 respectively. The humidity and ambient temperature of test facility were 54% ~60%and $23.0 \ ^{\circ}C ~23.8 \ ^{\circ}C$ respectively. The SAM head phantom (SN 0381 SH) were full of the head tissue simulating liquid. The depth of the body tissue was 15.1cm. The distance between the back of the device and the bottom of the flat phantom is 1.5cm (taking into account of the IEEE 1528 and the place of the antenna). A base station simulator was used to control the device during the SAR measurement. The phone was supplied with full-charged battery for each measurement.

For head measurement, the device was tested at the lowest, middle and highest frequencies in the transmit band.

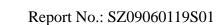
Table 1: Dielectric Performance of Head Tissue Simulating Liquid

Temperature: 23.0~23.8°C, humidity: 54~60%.						
/	Frequency	Permittivity ε	Conductivity σ (S/m)			
Target value	835 MHZ	41.5	0.90			
Validation value (Jul 7)	835 MHZ	41. 790001	0.867138			

For body-worn measurements, the device was tested against flat phantom representing the user body. Under measurement phone was put on in the belt holder.

Table 2: Dielectric Performance of Body Tissue Simulating Liquid

Temperature: 23.0~23.8°C, humidity: 54~60%.					
/	Frequency	Permittivity ε	Conductivity σ (S/m)		
Target value	835 MHz	56.1	0.95		
Validation value (Jul 7)	835 MHZ	54. 116001	0. 989164		





4.3.6. Simulant liquids

Simulant liquids that are used for testing at frequencies of GSM 1900MHz, which are made mainly of sugar, salt and water solutions may be left in the phantoms. Approximately 20litres are needed for an upright head compared to about 20litres for a horizontal bath phantom.

Ingredients	Frequency Band		
(% by weight)	835		
Tissue Type	Head	Body	
Water	41.45	52.4	
Salt(NaCl)	1.45	1.4	
Sugar	56.0	45.0	
HEC	1.0	1.0	
Bactericide	0.1	0.1	
Triton	0.0	0.0	
DGBE	0.0	0.0	
Acticide SPX	0.0	0.0	
Dielectric Constant	42.45	56.1	
Conductivity (S/m)	0.91	0.95	



4.4. MEASUREMENT PROCEDURES

4.4.1. Procedures Used To Establish Test Signal

The handset was placed into a simulated call using a base station simulator in a shielded chamber. Such test signals offer a consistent means for testing SAR and are recommended for evaluating SAR. SAR measurements were taken with a fully charged battery. In order to verify that the device was tested and maintained at full power, this was configured with the base station simulator. The SAR measurement software calculates a reference point at the start and end of the test to check for power drifts. If conducted power deviations of more then 5% occurred, the tests were repeated.

4.4.2 SAR Measurement Conditions for CDMA2000 1x

These procedures were followed according to FCC "SAR Measurement Procedures for 3G Devices", June 2006.

4.4.2.1 Output Power Verification

See 3GPP2 C.S0011/TIA-98-E as recommended by "SAR Measurement Procedures for 3G Devices", June 2006.

Maximum output power is verified on the High, Middle and Low channels according to procedures defined in section 4.4.5.2 of 3GPP2 C.S0011/TIA-98-E. SO55 tests were measured with power control bits in "All Up" condition.

1. If the mobile station supports Reverse TCH RC 1 and Forward TCH RC 1, set up a call using Fundamental Channel Test Mode 1 (RC=1/1) with 9600 bps data rate only.

2. Under RC1, C.S0011 Table 4.4.5.2-1 (Table.A) parameters were applied.

3. If the MS supports the RC 3 Reverse FCH, RC3 Reverse SCH0 and demodulation of RC 3, 4, or 5, set up a call using Supplemental Channel Test Mode 3 (RC 3/3) with 9600 bps Fundamental Channel and 9600 bps SCH0 data rate Channel and 9600 bps SCH0 data rate.

4. Under RC3, C.S0011 Table 4.4.5.2-2(Table.B) was applied.

5. FCHs were configured at full rate for maximum SAR with "All Up" power control bits. Table.A Table.B

Parameters for Max. Power for RC1				
Parameter	Units	Value		
Lor	4Bm/1.23 MHz	-104		
$\frac{Pilot \ E_{c}}{I_{cc}}$	dB	-7		
Traffic E _c	dB	-7.4		

Parameter	Units	Value
lor	dBm/1.23 MHz	-86
Prior Ec lor	dB	-7
Traffic E _c	dB	-7.4

Table.A

Tab	le.	В
-----	-----	---

4.4.2.2 Head SAR Measurement

SAR for head exposure configurations is measured in RC3 with the DUT configured to transmit at



fullrate using Loopback Service Option SO55. SAR for RC1 is not required when the maximum average output of each channel is less than ¹/₄ dB higher than that measured in RC3. Otherwise, SAR is measured on the maximum output channel in RC1 using the exposure configuration that results in the highest SAR for that channel in RC3.

4.4.2.3 Body SAR Measurement

SAR for body exposure configurations is measured in RC3 with the DUT configured to transmit at full rate on FCH with all other code channels disabled using TDSO / SO32. SAR for multiple code channels (FCH + SCHn) is not required when the maximum average output of each RF channel is less than ¼ dB higher than that measured with FCH only. Otherwise, SAR is measured on the maximum output channel (FCH + SCHn) with FCH at full rate and SCH0 enabled at 9600 bps using the exposure configuration that results in the highest SAR for that channel with FCH only. When multiple code channels are enabled, the DUT output may shift by more than 0.5 dB and lead to higher SAR drifts and SCH dropouts. Body SAR in RC1 is not required when the maximum average output of each channel is less than ¼ dB higher than that measured in RC3. Otherwise, SAR is measured on the maximum output channel in RC1; with Loopback Service Option SO55, at full rate, using the body exposure configuration that results in the highest SAR for that channel in RC3.

Channel		Radio Configura	ation aud conduct	ed Power (dBm)	
Channel	RC1	RC2	RC3	RC4	RC5
Low	23.65	23.87	23.54	23.85	23.80
Mid	23.70	23.36	23.72	23.75	23.94
High	23.06	23.00	23.11	23.05	23.08
SO	SO2	SO9	SO55	SO55	SO55

4.5. Items used in the Test Results List

Terms in the column "Verdict" for the test results list of the section 4.6:

Verdict	Description
PASS	EUT passed this test case
FAIL	EUT failed this test case
INC.	EUT did not pass and did not fail this test case, therefore the verdict is inconclusive
Decl.	"Declaration": Morlab has received documents from the applicant and/or manufacturer which show conformity to the applied standards for this test case.
N/A	Test case not applicable for the EUT, see the column "Note" for detailed



4.6. Test Results List

Summary of Measurement Results (CDMA 800MHz Band) SAR Values (CDMA 800MHz Band), Measured against the head.

Temperature: 23.0~23.8°C, humidity: 54~60%.					
Limit of SAD (W/kg)	1 g Average				
Limit of SAR (W/kg)	1.6				
	Measurement Result (W/kg)				
Test Case	1 g Average	Power level			
	(W/kg)	(dBm)			
Left head, Touch cheek, Channel Low	1.108	23.80			
Left head, Touch cheek, Channel Middle	1.042	23.94			
Left head, Touch cheek, Channel High	0.614	23.08			
Left head, Tilt 15 Degree, Channel Low	0.463	23.80			
Left head, Tilt 15 Degree, Channel Middle	0.412	23.94			
Left head, Tilt 15 Degree, Channel High	0.319	23.08			
Right head, Touch cheek, Channel Low	0.697	23.80			
Right head, Touch cheek, Channel Middle	0.655	23.94			
Right head, Touch cheek, Channel High	0.528	23.08			
Right head, Tilt 15 Degree, Channel Low	0.822	23.80			
Right head, Tilt 15 Degree, Channel Middle	0.656	23.94			
Right head, Tilt 15 Degree, Channel High	0.323	23.08			

SAR Values (CDMA 800MHz Band), Measured against the body.

Temperature: 23.0~23.8°C, humidity: 54~60%.				
\mathbf{L} imit of SAD (W/hg)	1 g Average			
Limit of SAR (W/kg)	1.6			
	Measurement Result (W/kg)			
Test Case		1 g Average	Power level	
		(W/kg)	(dBm)	
Side, Low frequency		0.716	23.80	
Side, Middle frequency		0.718	23.94	
Side, High frequency		0.650	23.08	
Side, Middle frequency(back)		0.326	23.94	
Side, Middle frequency(with Headphone)		0.650	23.94	

Note: The depth of the body tissue was 15.1cm. The distance between the back of the device and the bottom of the flat phantom is 1.5cm(taking into account of the IEEE 1528 and the place of the antenna)

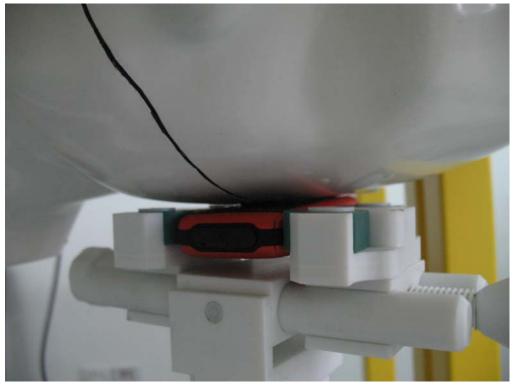






Annex B Photographs of the EUT

1 EUT Left Head Touch Cheek Position



2 EUT Left Head Tilt15 Position

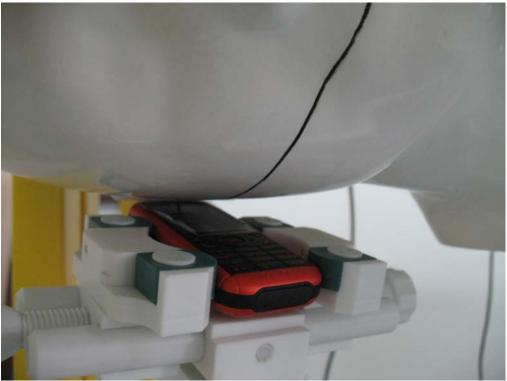




3 EUT Right Head Touch Cheek Position



4 EUT Right Head Tilt15 Position





5 spacer 1.5cm



6 Side Position





Annex C Graph Test Results

	BAND	PARAMETERS
		Measurement 1: Right Head with Cheek device position
		on Low Channel in CDMA mode
		Measurement 2: Right Head with Cheek device position
		on Middle Channel in CDMA mode
		Measurement 3: Right Head with Cheek device position
		on High Channel in CDMA mode
		Measurement 4: Right Head with Tilt device position on
		Low Channel in CDMA mode
		Measurement 5: Right Head with Tilt device position on
		Middle Channel in CDMA mode
		Measurement 6: Right Head with Tilt device position on
		High Channel in CDMA mode
		Measurement 7: Left Head with Cheek device position
		on Low Channel in CDMA mode
		Measurement 8: Left Head with Cheek device position
		on Middle Channel in CDMA mode
TYPE	<u>CDMA85</u>	Measurement 9: Left Head with Cheek device position
		on High Channel in CDMA mode
	<u>0</u>	Measurement 10: Left Head with Tilt device position on
		Low Channel in CDMA mode
		Measurement 11: Left Head with Tilt device position on
		Middle Channel in CDMA mode
		Measurement 12: Left Head with Tilt device position on
		High Channel in CDMA mode
		Measurement 13: Validation Plane with Body device
		position on Low Channel in CDMA mode
		Measurement 14: Validation Plane with Body device
		position on Middle Channel in CDMA mode
		<u>Measurement 15:</u> Validation Plane with Body device
		position on High Channel in CDMA mode
		Measurement 16: Validation Plane with Body device
		position on Middle Channel in CDMA mode (back)
		Measurement 17: Validation Plane with Body device
		position on Middle Channel in CDMA mode
		(Headphone)



MEASUREMENT 1

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 32 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	CDMA850
Channels	Low
Signal	CDMA

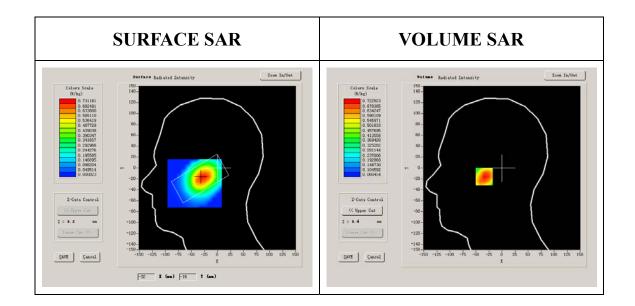
B. SAR Measurement Results

Lower Band SAR (Channel 1013):

Frequency (MHz)	824.700012
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250



Conductivity (S/m)	0.867138
Variation (%)	-1.700000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

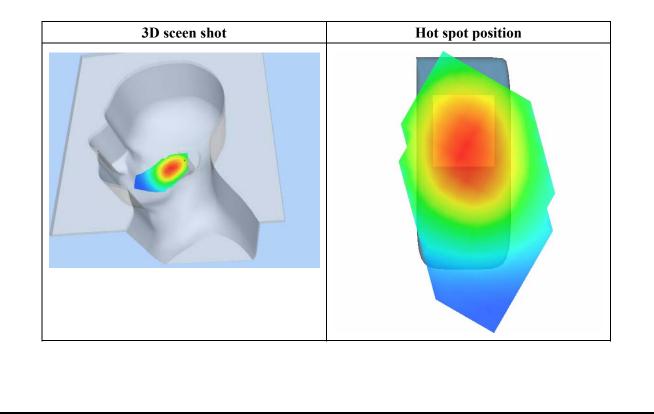


Maximum location: X=-29.00, Y=-16.00

SAR 10g (W/Kg)	0.472730
SAR 1g (W/Kg)	0.696892



Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR W/Kg)	0.0000	0.7225	0.5248	0.3861	0.2921	0.2033	0.1521
	SAR	, Z Axi	s Scan	(X = -29	9, Y = -	-16)	
	0.7-						
	0.6-	N				_	
	ີພຸ 0.5- ສິ ອີ 0.4-						
	¥ 0.3-		++				
	0.2-						
	0.1-	.5 5.0 7.51	0.0 15.0	20.0	25.0 30	.0 35.0	
			Z	(mm)			





MEASUREMENT 2

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 23 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	CDMA850
Channels	Middle
Signal	CDMA

B. SAR Measurement Results

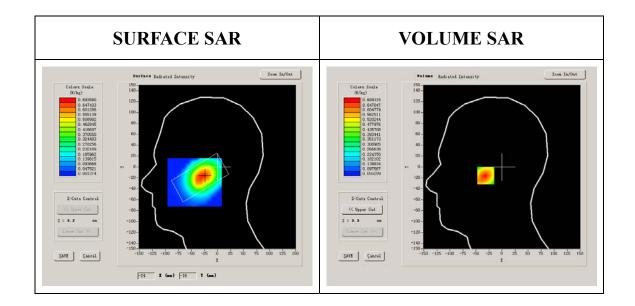
Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250



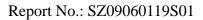
Report No.: SZ09060119S01

Conductivity (S/m)	0.879566
Variation (%)	-2.420000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

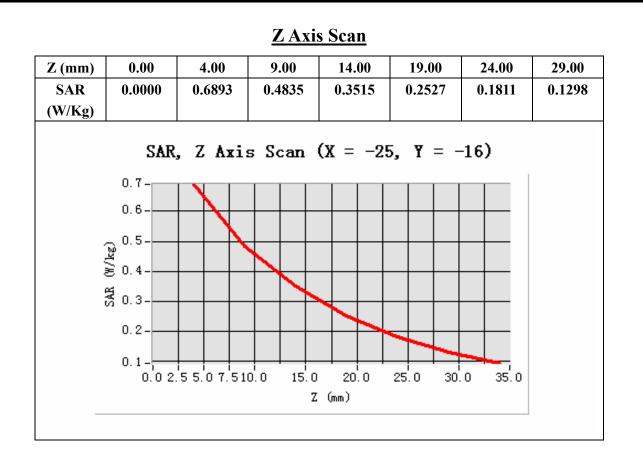


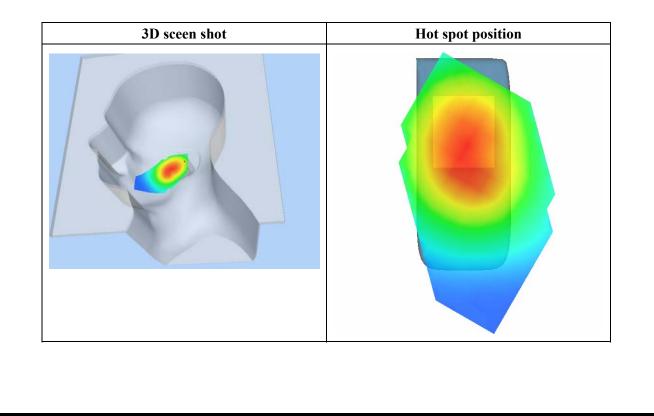
Maximum location: X=-25.00, Y=-16.00

SAR 10g (W/Kg)	0.438201
SAR 1g (W/Kg)	0.654542











MEASUREMENT 3

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 36 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Cheek
Band	CDMA850
Channels	High
Signal	CDMA

B. SAR Measurement Results

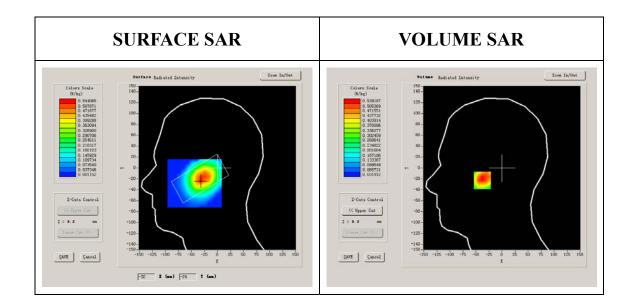
Higher Band SAR (Channel 777):

Frequency (MHz)	848.309998
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250



Report No.: SZ09060119S01

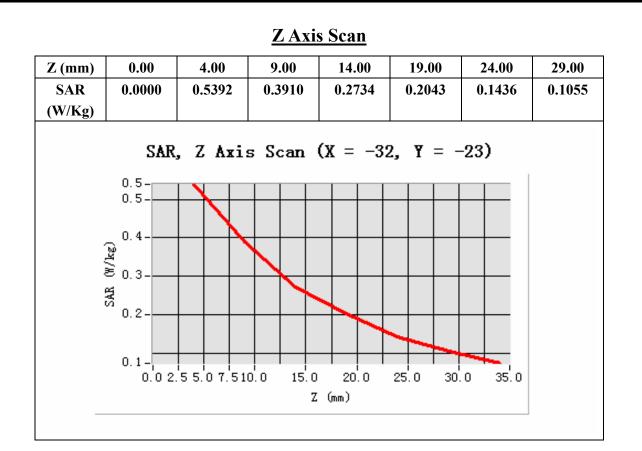
Conductivity (S/m)	0.891963
Variation (%)	-1.050000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

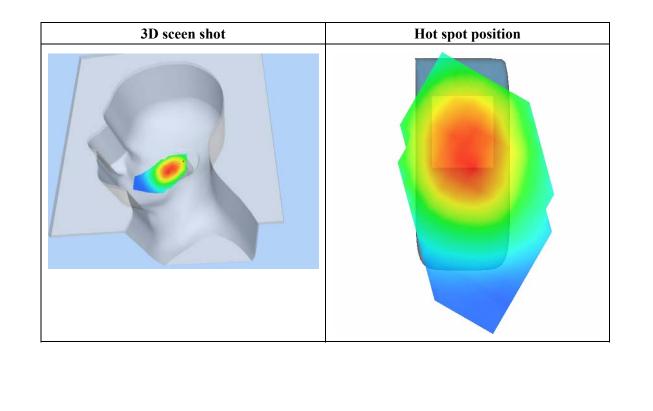


Maximum location: X=-32.00, Y=-23.00

SAR 10g (W/Kg)	0.349819
SAR 1g (W/Kg)	0.528414









MEASUREMENT 4

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 24 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Tilt
Band	CDMA850
Channels	Low
Signal	CDMA

B. SAR Measurement Results

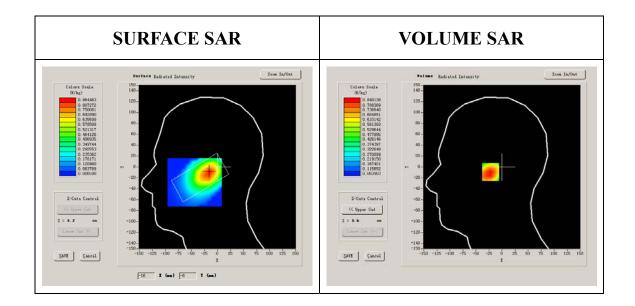
Lower Band SAR (Channel 1013):

Frequency (MHz)	824.700012
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250



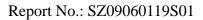
Report No.: SZ09060119S01

Conductivity (S/m)	0.867138
Variation (%)	-3.550000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

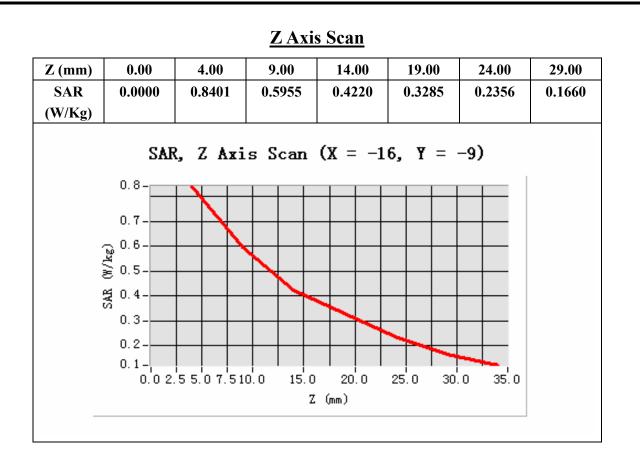


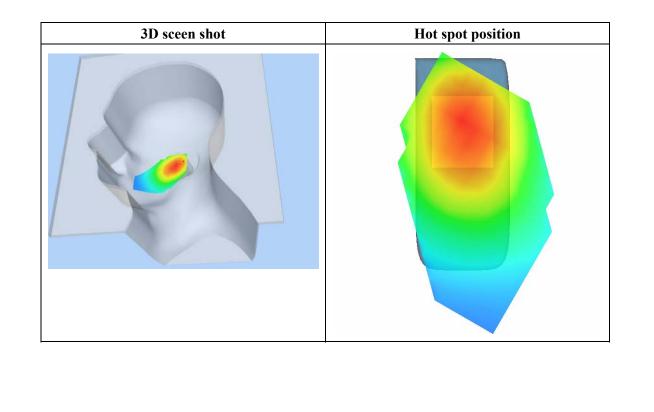
Maximum location: X=-16.00, Y=-9.00

SAR 10g (W/Kg)	0.551742
SAR 1g (W/Kg)	0.821877











MEASUREMENT 5

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 35 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt
Phantom	Right head
Device Position	Tilt
Band	CDMA850
Channels	Middle
Signal	CDMA

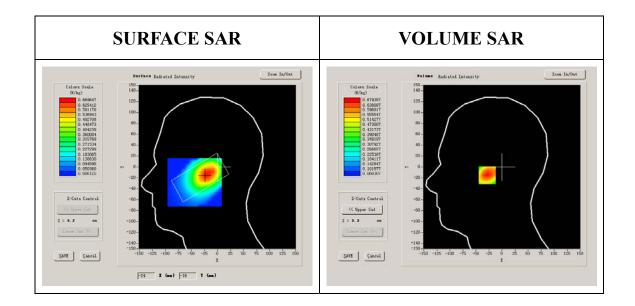
B. SAR Measurement Results

Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250



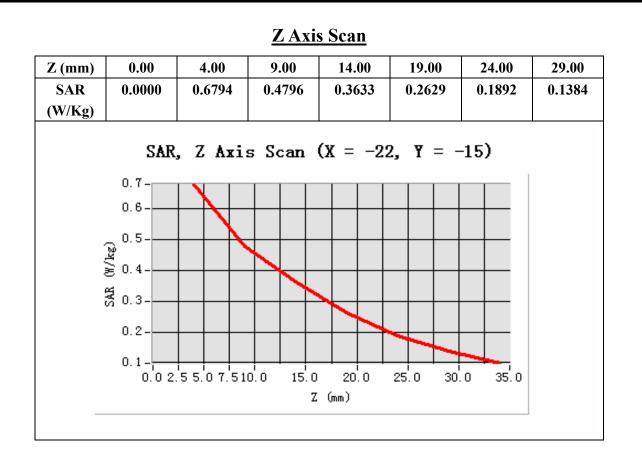
Conductivity (S/m)	0.879566			
Variation (%)	-0.030000			
Ambient Temperature:	22.9°C			
Liquid Temperature:	22.9°C			
Probe Serial Number:	SN_3708_EP80			
Crest factor:	1:1			

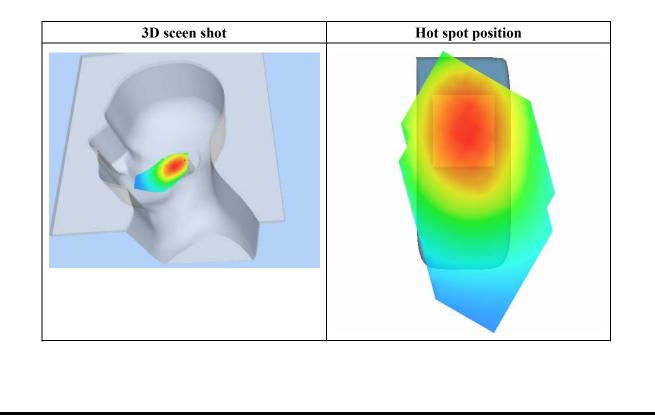


Maximum location: X=-22.00, Y=-15.00

SAR 10g (W/Kg)	0.443900
SAR 1g (W/Kg)	0.655568









Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 32 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt		
Phantom	Right head		
Device Position	Tilt		
Band	CDMA850		
Channels	High		
Signal	CDMA		

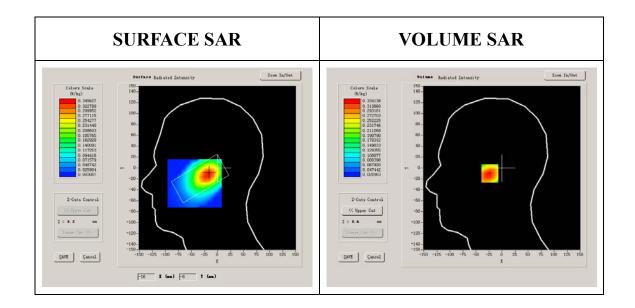
B. SAR Measurement Results

Higher Band SAR (Channel 777):

Frequency (MHz)	848.309998
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250

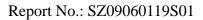


Conductivity (S/m)	0.891963			
Variation (%)	-2.120000			
Ambient Temperature:	22.9°C			
Liquid Temperature:	22.9°C			
Probe Serial Number:	SN_3708_EP80			
Crest factor:	1:1			

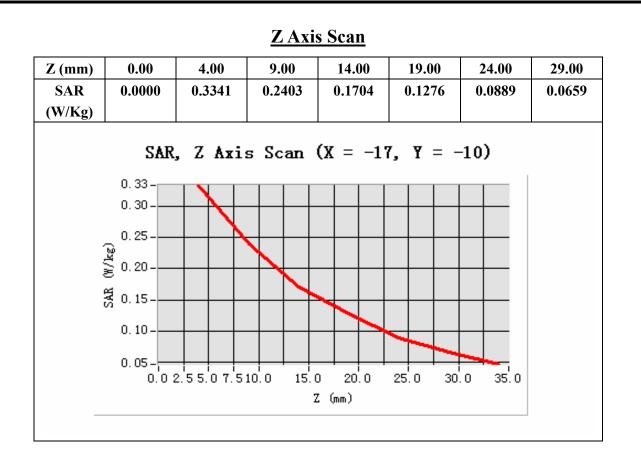


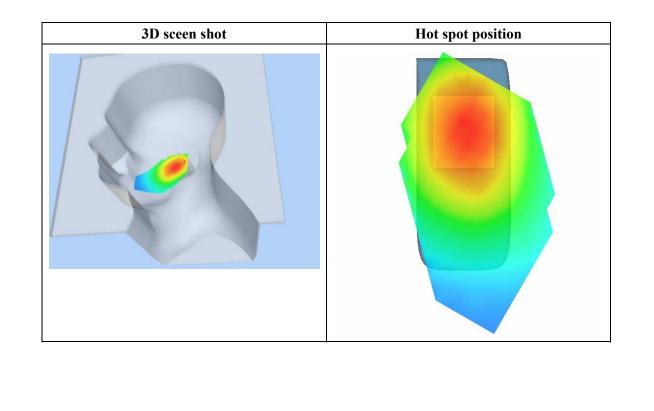
Maximum location: X=-17.00, Y=-10.00

SAR 10g (W/Kg)	0.219245		
SAR 1g (W/Kg)	0.323379		











Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 24 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt			
Phantom	Left head			
Device Position	Cheek			
Band	CDMA850			
Channels	Low			
Signal	CDMA			

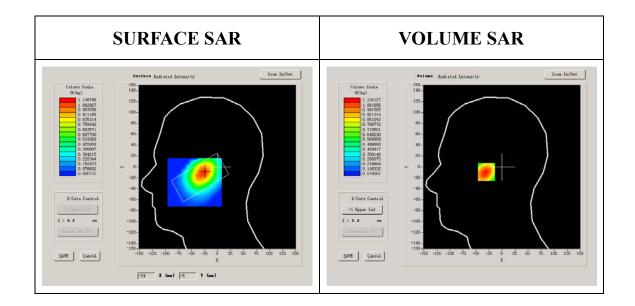
B. SAR Measurement Results

Lower Band SAR (Channel 1013):

Frequency (MHz)	824.700012
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250

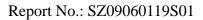


Conductivity (S/m)	0.867138			
Variation (%)	-0.180000			
Ambient Temperature:	22.9°C			
Liquid Temperature:	22.9°C			
Probe Serial Number:	SN_3708_EP80			
Crest factor: 1:1				



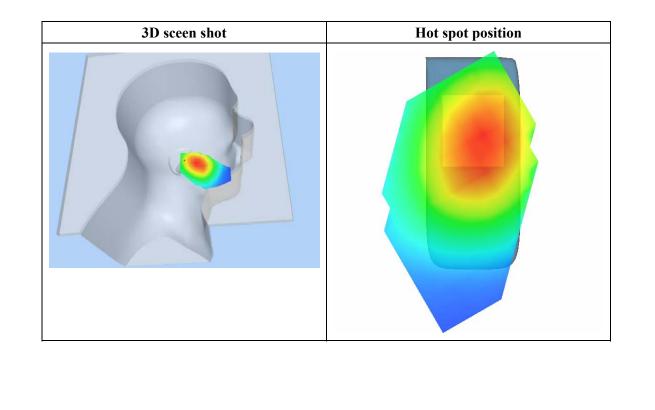
Maximum location: X=-25.00, Y=-9.00

SAR 10g (W/Kg)	0.737759
SAR 1g (W/Kg)	1.107564





Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	1.1321	0.7497	0.5584	0.4104	0.2932	0.2171
	SAI	R, Z Axi	is Scan	(X = −2	5, ¥ =	-9)	
	1.1-						
	1.0-	$+ \mathbf{N} +$					
	0.8	$ \rangle$					
	(291/₩ 0.6-						
	0.6- 5		$+\mathbf{N}$				
	ぷ 0.4-						
	0.2-		+ $+$ $+$				
		.5 5.0 7.51	.0.0 15.0	20.0	25.0 30	.0 35.0	
			Z	(mm)			





Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 28 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt			
Phantom	Left head			
Device Position	Cheek			
Band	CDMA850			
Channels	Middle			
Signal	CDMA			

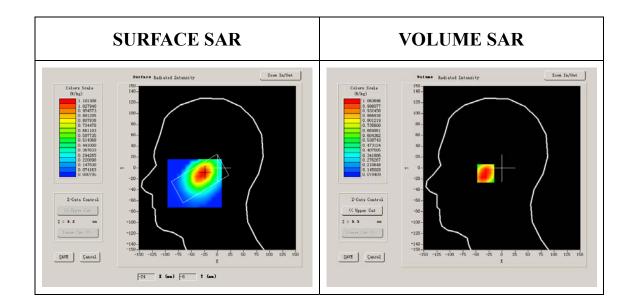
B. SAR Measurement Results

Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020		
Relative permittivity (real part)	41.790001		
Relative permittivity	18.926250		



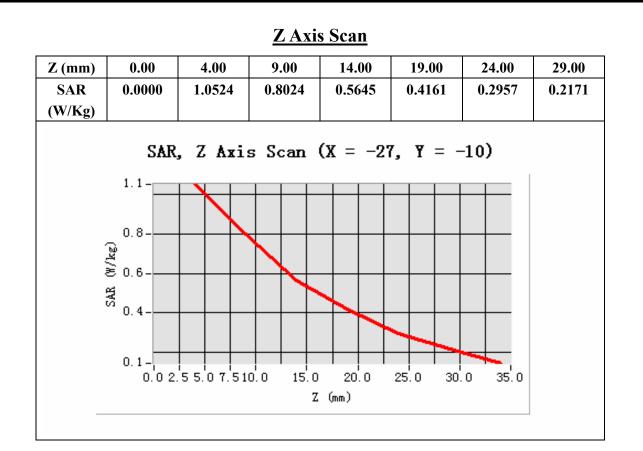
Conductivity (S/m)	0.879566			
Variation (%)	0.460000			
Ambient Temperature:	22.9°C			
Liquid Temperature:	22.9°C			
Probe Serial Number:	SN_3708_EP80			
Crest factor:	1:1			

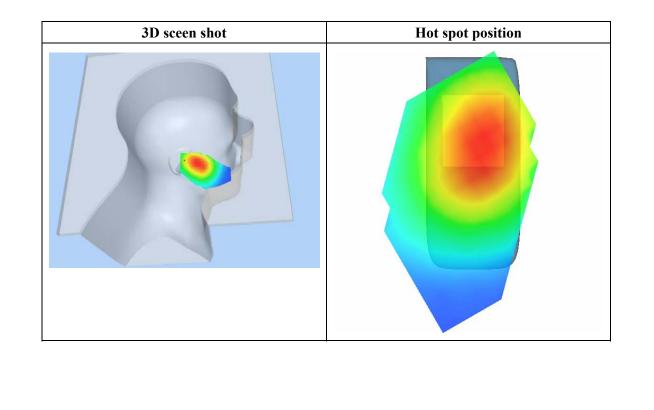


Maximum location: X=-27.00, Y=-10.00

SAR 10g (W/Kg)	0.702805	
SAR 1g (W/Kg)	1.041819	









Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 26 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt			
Phantom	Left head			
Device Position	Cheek			
Band	CDMA850			
Channels	High			
Signal	CDMA			

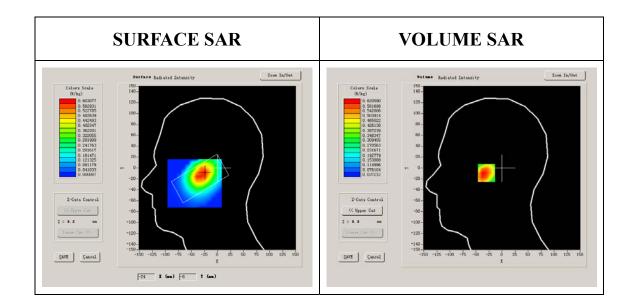
B. SAR Measurement Results

Higher Band SAR (Channel 777):

Frequency (MHz)	848.309998 41.790001		
Relative permittivity (real part)			
Relative permittivity	18.926250		



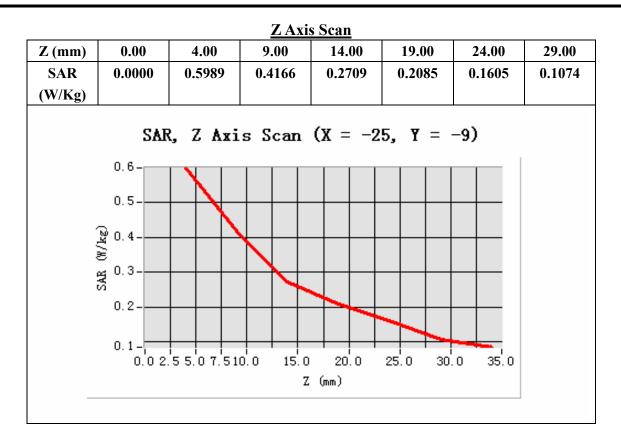
Conductivity (S/m)	0.891963			
Variation (%)	1.580000			
Ambient Temperature:	22.9°C			
Liquid Temperature:	22.9°C			
Probe Serial Number:	SN_3708_EP80			
Crest factor:	1:1			

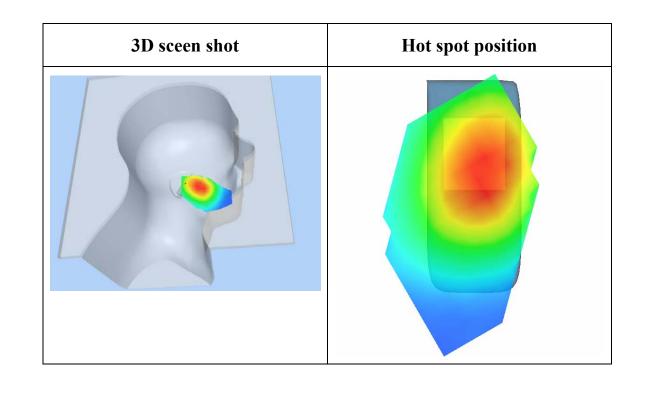


Maximum location: X=-25.00, Y=-9

SAR 10g (W/Kg)	0.395636		
SAR 1g (W/Kg)	0.613569		









Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 28 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt			
Phantom	Left head			
Device Position	Tilt			
Band	CDMA850			
Channels	Low			
Signal	CDMA			

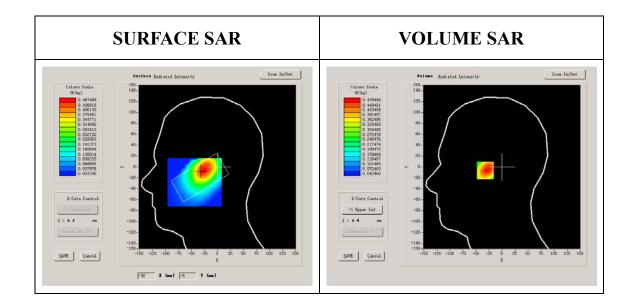
B. SAR Measurement Results

Lower Band SAR (Channel 1013):

Frequency (MHz)	824.700012		
Relative permittivity (real part)	41.790001		
Relative permittivity	18.926250		

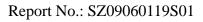


Conductivity (S/m)	0.867138				
Variation (%)	-0.730000				
Ambient Temperature:	22.9°C				
Liquid Temperature:	22.9°C				
Probe Serial Number:	SN_3708_EP80				
Crest factor:	1:1				



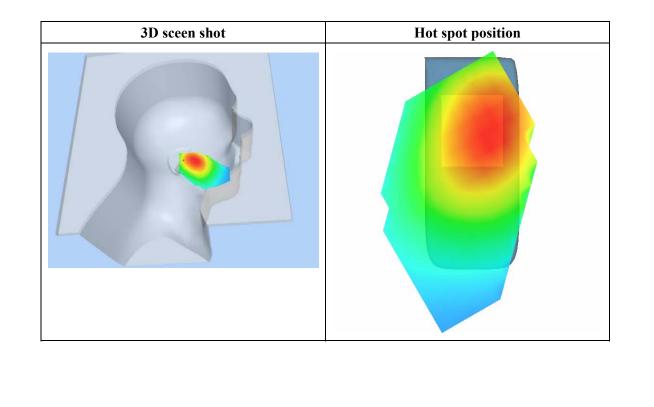
Maximum location: X=-28.00, Y=-6.00

SAR 10g (W/Kg)	0.316475
SAR 1g (W/Kg)	0.463253





Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR	0.0000	0.4785	0.3515	0.2505	0.1866	0.1342	0.0980
(W/Kg)							
	0.48- 0.40- 0.35- 0.35- 0.25- 0.25- 0.20- 0.15- 0.08-	2.55.07.5	10.0 15.0		25.0 30		





Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 26 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt	
Phantom	Left head	
Device Position	Tilt	
Band	CDMA850	
Channels	Middle	
Signal	CDMA	

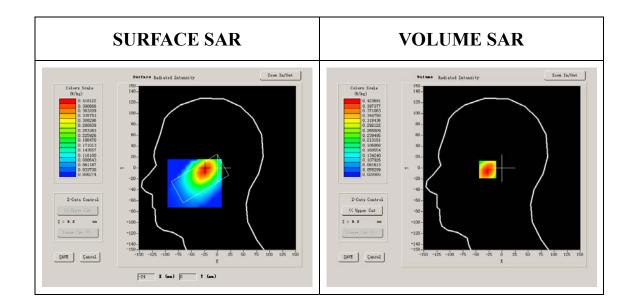
B. SAR Measurement Results

Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250

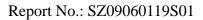


Conductivity (S/m)	0.879566
Variation (%)	1.990000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

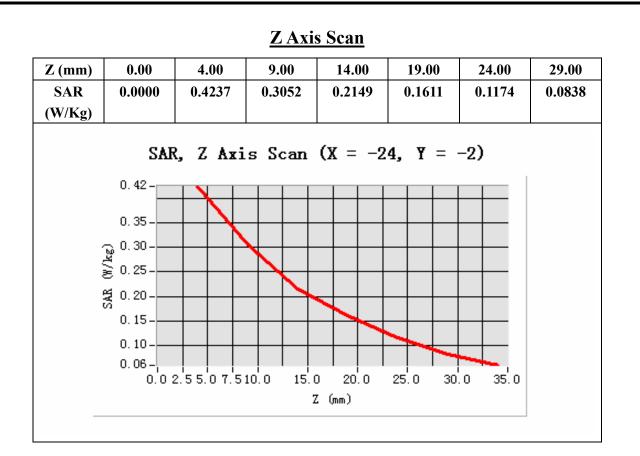


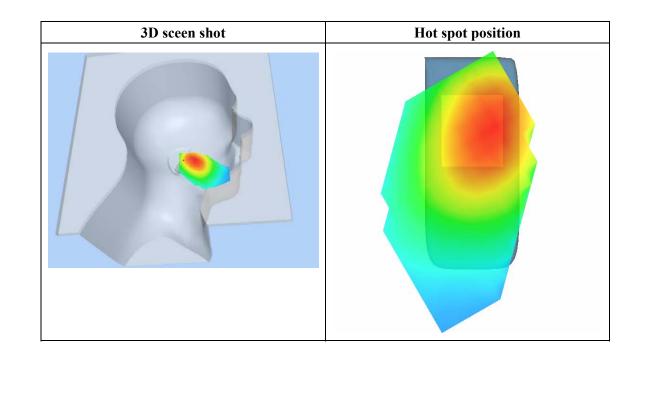
Maximum location: X=-24.00, Y=-2.00

SAR 10g (W/Kg)	0.278949
SAR 1g (W/Kg)	0.412033











Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 7 minutes 23 seconds

A. Experimental conditions.

Phantom File	sam_direct_droit2_surf8mm.txt	
Phantom	Left head	
Device Position	Tilt	
Band	CDMA850	
Channels	High	
Signal	CDMA	

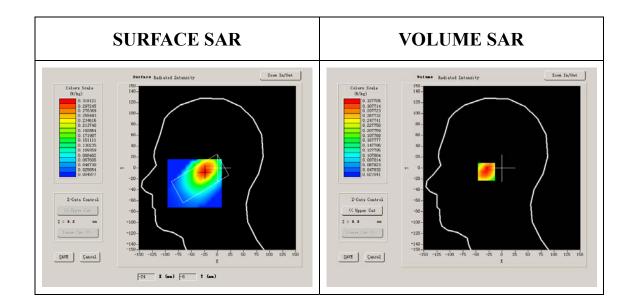
B. SAR Measurement Results

Higher Band SAR (Channel 777):

Frequency (MHz)	848.309998
Relative permittivity (real part)	41.790001
Relative permittivity	18.926250

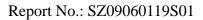


Conductivity (8/m)	0.891963
Variation (%)	2.080000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1



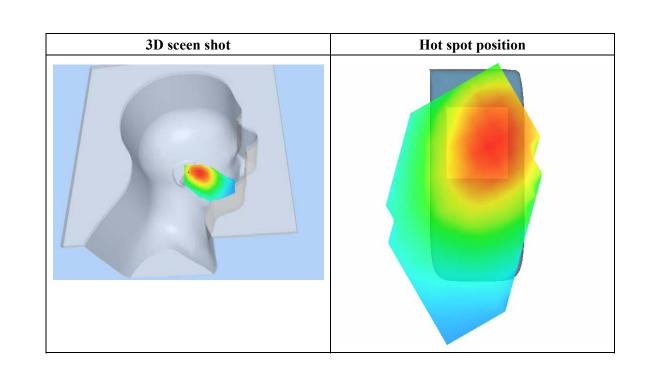
Maximum location: X=-25.00, Y=-7.00

SAR 10g (W/Kg)	0.212433
SAR 1g (W/Kg)	0.318965





Z (mm)	0.00	4.00	9.00	14.00	19.00	24.00	29.00
SAR (W/Kg)	0.0000	0.3220	0.2356	0.1711	0.1212	0.0932	0.0677
	SAF	R, Z Axi	s Scan	(X = −2	5, Y =	-7)	
	0.32-	+					
	0.25	++			_		
	0.20						
	援 0.15 0.10						
	0.05-						
		2.'5 5.'0 7.'5) 20.0 :(mm)	25.0 30	.0 35.0	





Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 9 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt	
Phantom	Validation plane	
Device Position	Body	
Band	CDMA850	
Channels	Low	
Signal	CDMA	

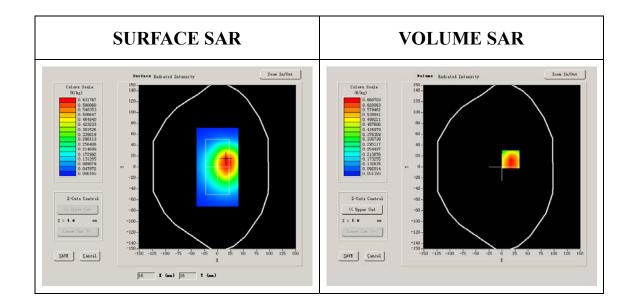
B. SAR Measurement Results

Lower Band SAR (Channel 1013):

Frequency (MHz)	824.700012
Relative permittivity (real part)	54.116001
Relative permittivity	21.284550

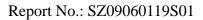


Conductivity (S/m)	0.975187
Variation (%)	-2.630000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

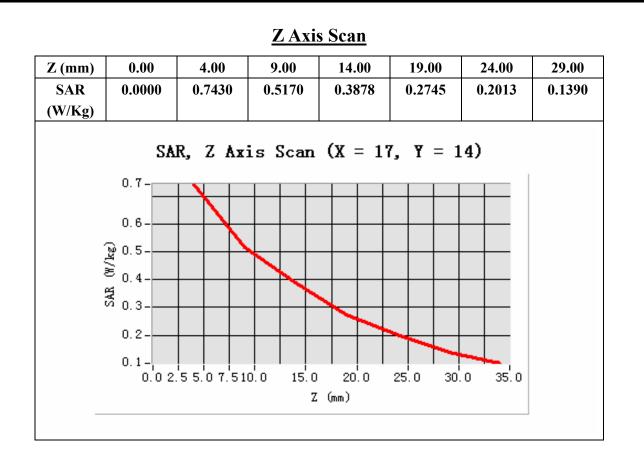


Maximum location: X=17.00, Y=14.00

SAR 10g (W/Kg)	0.486784
SAR 1g (W/Kg)	0.716341







3D sceen shot	Hot spot position

Page 62 of 80



Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 9 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	CDMA850
Channels	Middle
Signal	CDMA

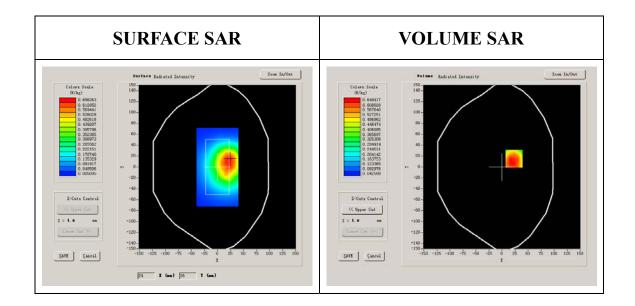
B. SAR Measurement Results

Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020
Relative permittivity (real part)	54.116001
Relative permittivity	21.284550

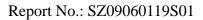


Conductivity (S/m)	0.989164
Variation (%)	-1.250000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

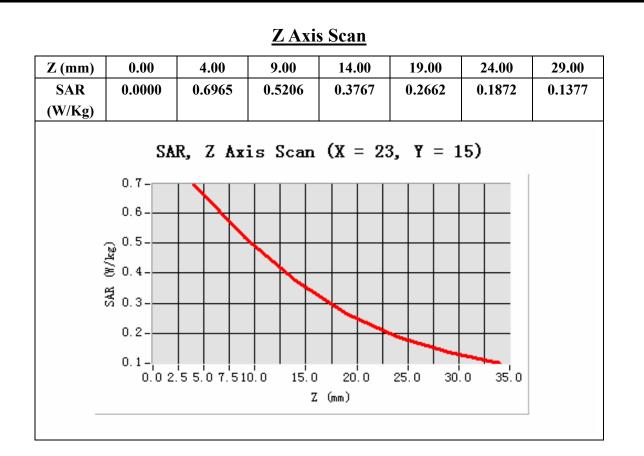


Maximum location: X=23.00, Y=15.00

SAR 10g (W/Kg)	0.491363
SAR 1g (W/Kg)	0.717878







3D sceen shot	Hot spot position



Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 6 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	CDMA850
Channels	High
Signal	CDMA

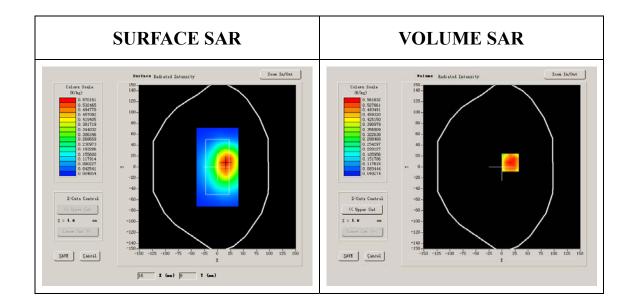
B. SAR Measurement Results

Higher Band SAR (Channel 777):

Frequency (MHz)	848.309998
Relative permittivity (real part)	54.116001
Relative permittivity	21.284550

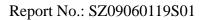


Conductivity (S/m)	1.003105
Variation (%)	-1.850000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

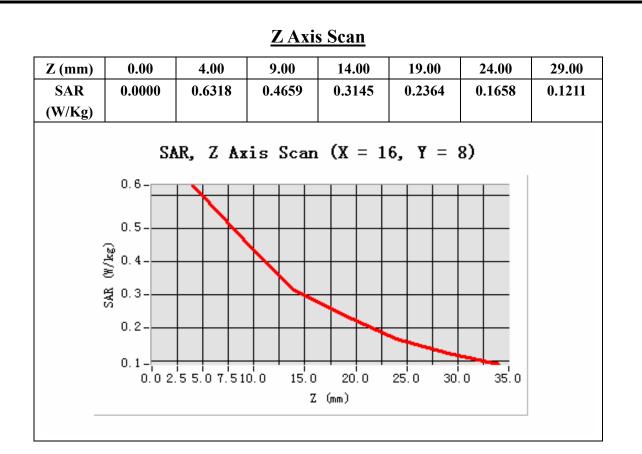


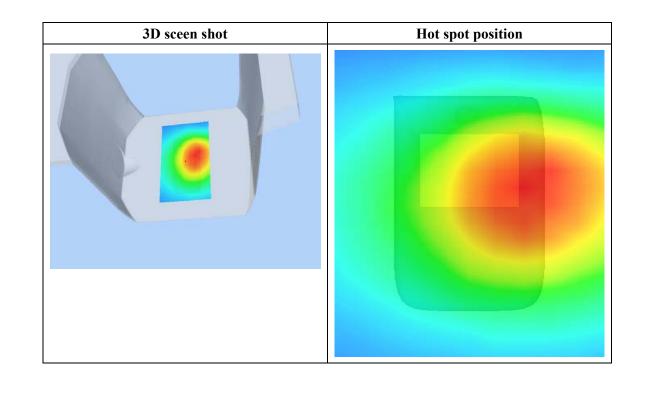
Maximum location: X=16.00, Y=8.00

SAR 10g (W/Kg)	0.410575
SAR 1g (W/Kg)	0.607495











Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 7 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	CDMA850
Channels	Middle
Signal	CDMA

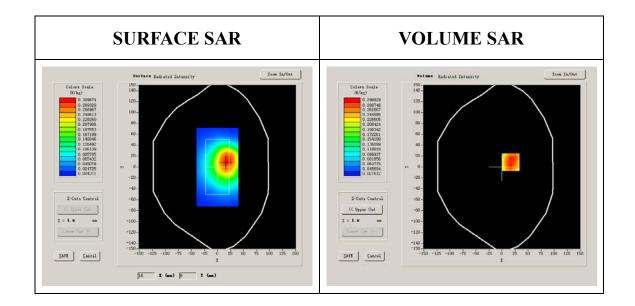
B. SAR Measurement Results

Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020
Relative permittivity (real part)	54.116001
Relative permittivity	21.284550

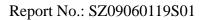


Conductivity (S/m)	0.989164
Variation (%)	0.820000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

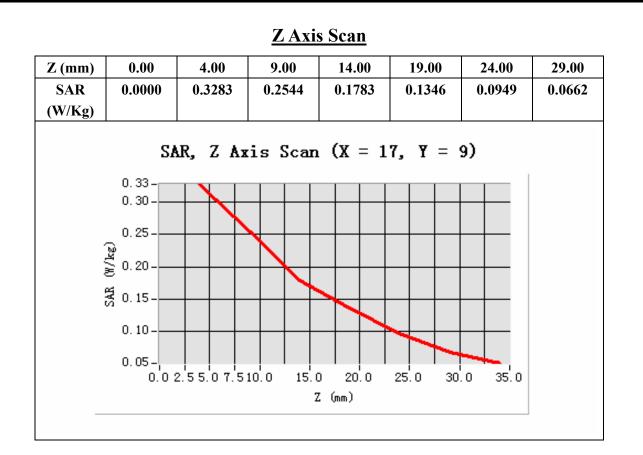


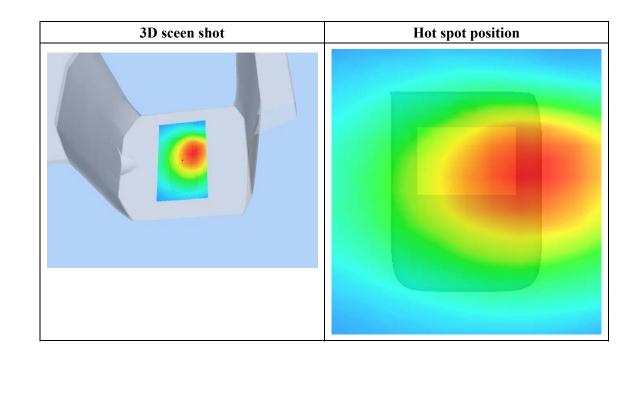
Maximum location: X=17.00, Y=9.00

SAR 10g (W/Kg)	0.224229
SAR 1g (W/Kg)	0.325517











Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 8 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	CDMA850
Channels	Middle
Signal	CDMA

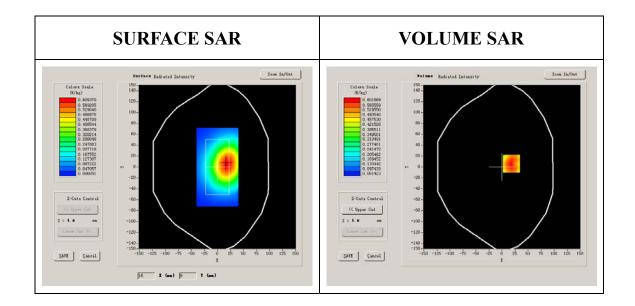
B. SAR Measurement Results

Middle Band SAR (Channel 384):

Frequency (MHz)	836.520020
Relative permittivity (real part)	54.116001
Relative permittivity	21.284550

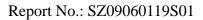


Conductivity (S/m)	0.989164
Variation (%)	-1.750000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1

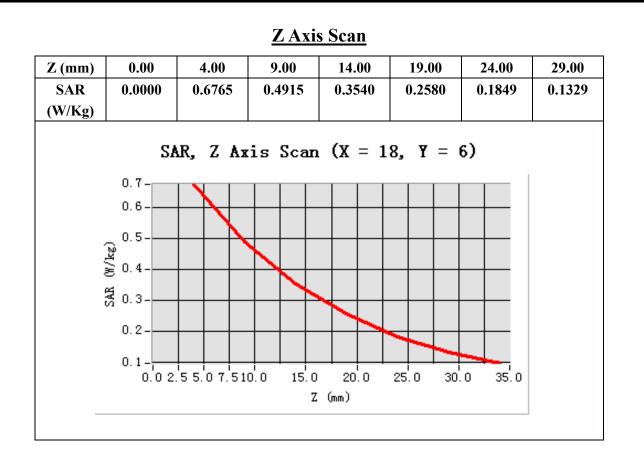


Maximum location: X=18.00, Y=6.00

SAR 10g (W/Kg)	0.443904
SAR 1g (W/Kg)	0.650304







3D sceen shot	Hot spot position



System Performance Check Data(Head)

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 40 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	
Band	835 MHz
Signal	CDMA

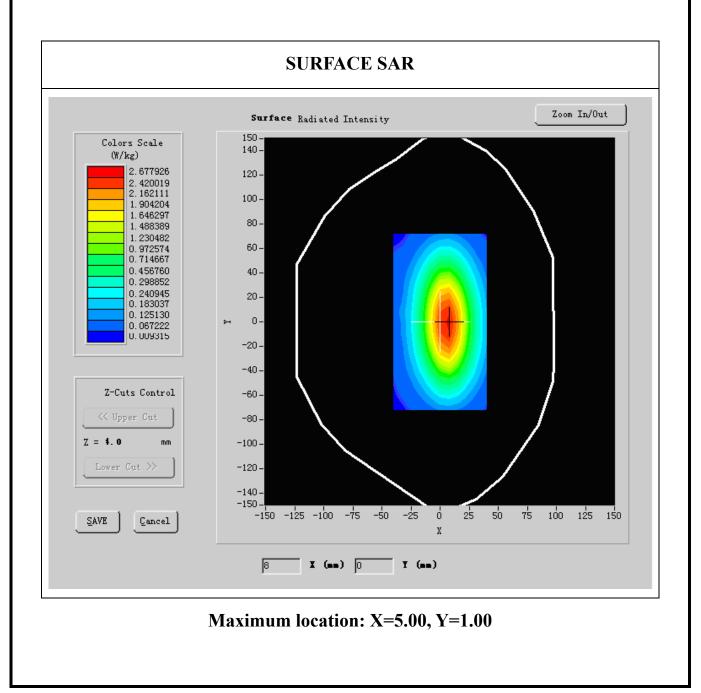
B. SAR Measurement Results

Band SAR:

Frequency (MHz)	835.000000
Relative permittivity (real part)	41.790001
Relative permittivity	15.070000
Conductivity (S/m)	0.879566

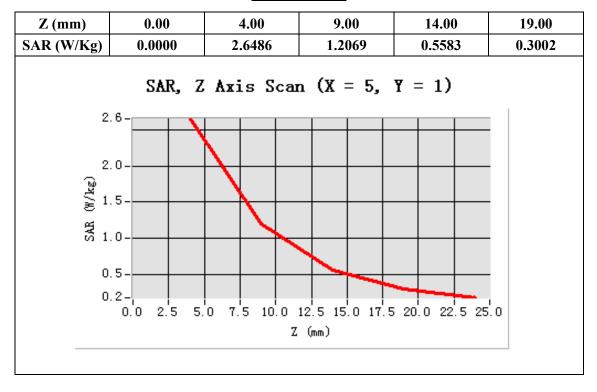


Variation (%)	-0.050000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1





SAR 10g (W/Kg)	1.341223
SAR 1g (W/Kg)	2.682145



<u>Z Axis Scan</u>



System Performance Check Data(Body)

Type: Phone measurement (Complete)

Area scan resolution: dx=8mm,dy=8mm

Zoom scan resolution: dx=8mm, dy=8mm, dz=5mm

Date of measurement: 7/7/2009

Measurement duration: 9 minutes 40 seconds

A. Experimental conditions.

Phantom File	surf_sam_plan.txt
Phantom	Validation plane
Device Position	Body
Band	835 MHz
Signal	CDMA

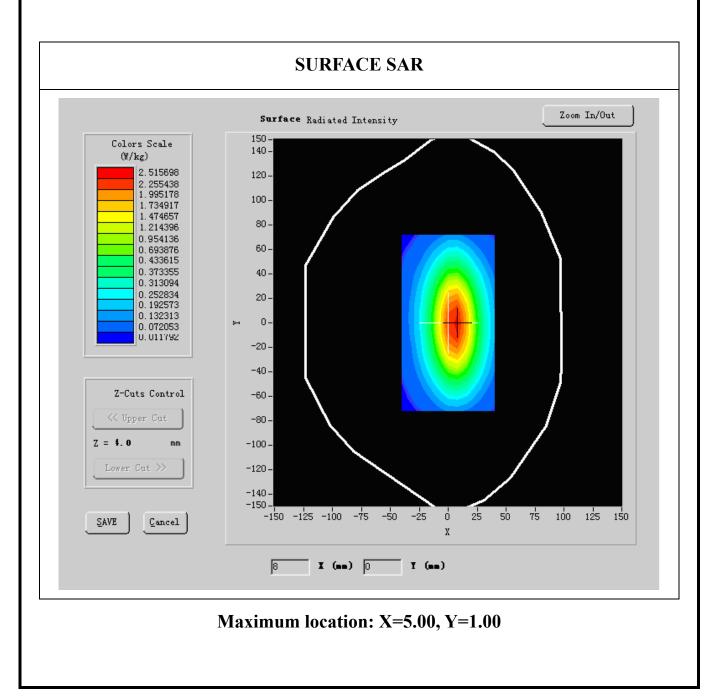
B. SAR Measurement Results

Band SAR:

Frequency (MHz)	835.000000
Relative permittivity (real part)	54.116001
Relative permittivity	15.070000
Conductivity (S/m)	0.989164

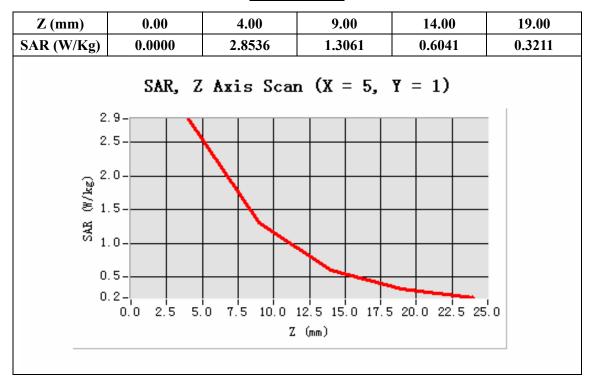


Variation (%)	-0.140000
Ambient Temperature:	22.9°C
Liquid Temperature:	22.9°C
Probe Serial Number:	SN_3708_EP80
Crest factor:	1:1





SAR 10g (W/Kg)	1.248553
SAR 1g (W/Kg)	2.725564



<u>Z Axis Scan</u>