FCC SAR EVALUATION REPORT

For

SISCOSUN GROUP, LLC

315 FIFTH AVENUE, SUITE 1005 NEW YORK, NY 10016,
UNITED STATES OF AMERICA

Product Name: Table PC

Model No. : PT-701A, PT-701B, PT-701C, PT-701D, PT-701F, PT-701G, Q7 3G

Date of Receipt: 12th Sep. 2014

Date of Test: 12th Sep. 2014

Issued Date: 14th Sep. 2014

Report No.:TS201409006

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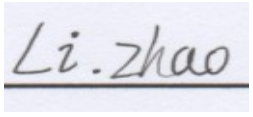
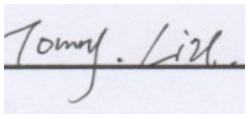
Issue By

Shenzhen Sunway Communication CO.,LTD Testing Center

1/F,BuildingA，SDG Info Port, KefengRoad，Hi-Tech Park, Nanshan District, Shenzhen , Guangdong, China 518104,

SAR Evaluation compliance

Product Name:	Table PC
Brand Name:	-
Model Name:	PT-701A, PT-701B, PT-701C, PT-701D, PT-701F, PT-701G, Q7 3G
Applicant:	SISCOSUN GROUP, LLC
Address:	315 FIFTH AVENUE, SUITE 1005 NEW YORK, NY 10016, UNITED STATES OF AMERICA
Manufacturer:	Potato Technology International Co.,Ltd
Address:	3F/Block A1,JuYin industry Zone, ShangLiLang GanLI Road, BuJi street, LongGang District, Shenzhen, China
Applicable Standard:	IEEE Std. 1528-2013,FCC 47 CFR§2.1093 KDB 865664 D01 SAR measurement 100 MHz to 6 GHz v01r03 KDB 447498 D01 General RF Exposure Guidance v05r02 KDB 941225 D01 SAR test for 3G devices v02 KDB 941225 D03 SAR Test Reduction GSM GPRS EDGE vo1
Test Result:	Max. SAR Report: Body (1g): 0.864 W/kg Head(1g): 0.660 W/kg
Performed Date:	12th ~13th Sep. 2014
Test Engineer:	 14th Sep. 2014
Reviewed By	 14th Sep. 2014
Performed Location:	Shenzhen Sunway Communication CO.,LTD Testing Center 1/F,BuildingA，SDG Info Port, KefengRoad，Hi-Tech Park, Nanshan District,Shenzhen , Guangdong, China 518104 Tel: +86-755- 36615880 Fax: +86-755- 86525532

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1. General Information:

1.1 EUT Description:

EUT Information	
Product Name	Table PC
Brand Name	-
Model Name	PT-701A, PT-701B, PT-701C, PT-701D, PT-701F, PT-701G, Q7 3G
Device Category	Protable
Antenna Type	Integral Antenna
Headset	/
Battery	Type: Rechargeable lithium-ion battery 3.7V
Dimensions (L*W*H):	189mm (L)× 109mm (W)×10mm (H)
Weight:	-
Power Source:	Rechargeable lithium-ion battery 3.7V
Normal Operation:	Head & Body
GSM-2G	
Support Band	GSM850/PCS1900
GPRS Type	GPRS850/GPRS1900 EGPRS850/EGPRS1900
GPRS Class	12
Frequency Bands:	GSM 850: UL: 824-850 MHz DL: 869-894 MHz PCS 1900: UL: 1850-1910 MHz DL: 1930-1990 MHz
Release Version	R99
Type of modulation	GMSK for GSM/GPRS/EGPRS,8PSK for EGPRS
Antenna locations	GSM antenna is located on the top of the mobile phone (page 24)
Antenna Gain	1.1dBi

WCDMA-3G	
Support Band	WCDMA Band II/ WCDMA Band V
Frequency Bands:	WCDMA Band I: UL: 1850~1910 MHz DL: 1930 ~1990MHz WCDMA Band V UL:824~850 MHZ DL:870~900 MHZ
Release Version	Rel-5
Type of modulation	QPSK
Antenna Gain	1.1dBi
WiFi	
Wi-Fi Frequency	802.11b/g/n(20MHz): 2412~2472MHz 802.11n(40MHz) :2422-2452MHz
Type of modulation	DBPSK/ DQPSK/CCK/BPSK/ QPSK/ 16QAM/ 64QAM
Data Rate	802.11b: 1/2/5.5/11 Mbps
	802.11g: 6/9/12/18/24/36/48/54 Mbps
	802.11n: up to 150 Mbps
Antenna Gain	3dBi
Bluetooth	
Frequency	2402-2408 MHz
Type of modulation	FHSS
Data Rate	1Mbps(GFSK), 2Mbps(Pi/4 DQPSK), 3Mbps(8DPSK)
Antenna Gain	3dBi
Max. Output Power (Conducted)	
GSM850:	31.70dBm
DCS1900:	30.69dBm
WCDMA Band II:	22.69dBm
WCDMA Band V:	20.79dBm
802.11	8.69dBm
Bluetooth	-3.0dBm

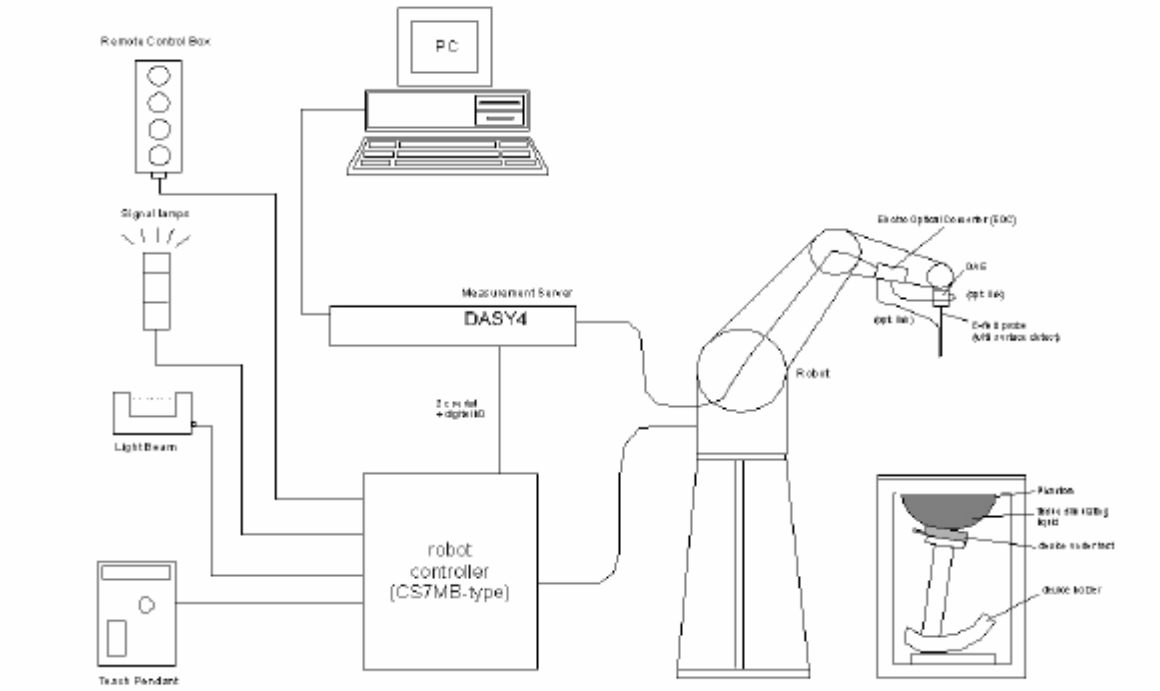
1.2 Test Environment:

Ambient conditions in the SAR laboratory:

Items	Required	Actual
Temperature (℃)	18-25	21~23
Humidity (%RH)	30-70	50~65

2. SAR Measurement System:

2.1 Dasy4 System Description:



The DASY4 system for performing compliance tests consists of the following items:

- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc.
- The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to the DAE and for the analog signal from the optical surface detection.
- A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
- A computer operating Windows 2000 or Windows XP.
- DASY4 software.
- Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
- The SAM twin phantom enabling testing left-hand and right-hand usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- Validation dipole kits allowing to validate the proper functioning of the system.

3. System Components:

- DAsY4 Measurement Server:

Calibration: No calibration required.

The DASY4 measurement server is based on a PC/104 CPU board with a 166MHz low-power pentium, 32MB chipdisk and 64MB RAM. The necessary circuits for communication with either the DAE4 (or DAE3) electronic box as well as the 16-bit AD-converter system for optical detection and digital I/O interface are contained on the DASY4 I/O-board, which is directly connected to the PC/104 bus of the CPU board.

- DATA Acquisition Electronics (DAE):

Calibration: Recommended once a year

The data acquisition electronics consists of a highly sensitive electrometer grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD converter and a command decoder and control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

- Dosimetric Probes:

Model: EX3DV4,
Frequency: 10MHz to 6G, Linearity:±0.2dB,
Dynamic Range: 10 μW/g to100 mW/g
Directivity:
± 0.3 dB in HSL (rotation around probe axis)
± 0.5 dB in tissue material (rotation normal to probe axis)

These probes are specially designed and calibrated for use in liquids with high permittivities. They should not be used in air, since the spherical isotropy in air is poor (±2 dB). The dosimetric probes have special calibrations in various liquids at different frequencies.

Calibration: Recommended once a year

- Light Beam unit:

The light beam switch allows automatic "tooling" of the probe. During the process, the actual position of the probe tip with respect to the robot arm is measured, as well as the probe length and the horizontal probe offset. The software then corrects all movements, such that the robot coordinates are valid for the probe tip. The repeatability of this process is better than 0.1 mm.

Calibration: No calibration required.

- SAM Twin Phantom:

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas:
• Left hand
• Right hand
• Flat phantom

The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

- Device Holder for SAM Twin Phantom:

The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation centers for both scales is the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.

The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity "=3 and loss tangent _=0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered

4. Tissue Simulating Liquid

4.1 The composition of the tissue simulating liquid:

INGREDIENT (% Weight)	835MHz Head	835MHz Body	1900MHz Head	1900MHz Body
Water	40.45	52.4	54.9	40.4
Salt	1.525	1.52	0.18	0.5
Sugar	57.6	45.0	0.00	58.0
HEC	0.40	1.0	0.00	1.0
Preventol	0.10	0.1	0.00	0.1
DGBE	0.00	0	44.92	0

4.2 Tissue Calibration Result:

Dielectric Probe Kit: Speag DAK 3.5mm probe -S/N:1038

Head Tissue Simulate Measurement:

Frequency (MHz)	Description	Dielectric Parameters		Tissue Temp. (℃)	Date
		ε_r	σ[s/m]		
835MHz	Reference	41.50±5% (39.425~43.574)	0.90±5% (0.9215~1.0185)	N/A	2014.09.12
	Measurement	42.27	0.91	22.1	
1900MHz	Reference	40±5% (38~42)	1.40±5% (1.33~1.47)	N/A	2014.09.12
	Measurement	39.27	1.42	21.8	

Body Tissue Simulate Measurement:

Frequency (MHz)	Description	Dielectric Parameters		Tissue Temp. (℃)	Date
		ε_r	σ[s/m]		
835MHz	Reference	55.2±5% (52.45~57.96)	0.97±5% (0.93~1.01)	N/A	2014.09.13
	Measurement	54.73	0.98	22.5	
1900MHz	Reference	53.3±5% (50.64~55.96)	1.52±5% (1.45~1.59)	N/A	2014.09.13
	Measurement	52.45	1.54	22.5	

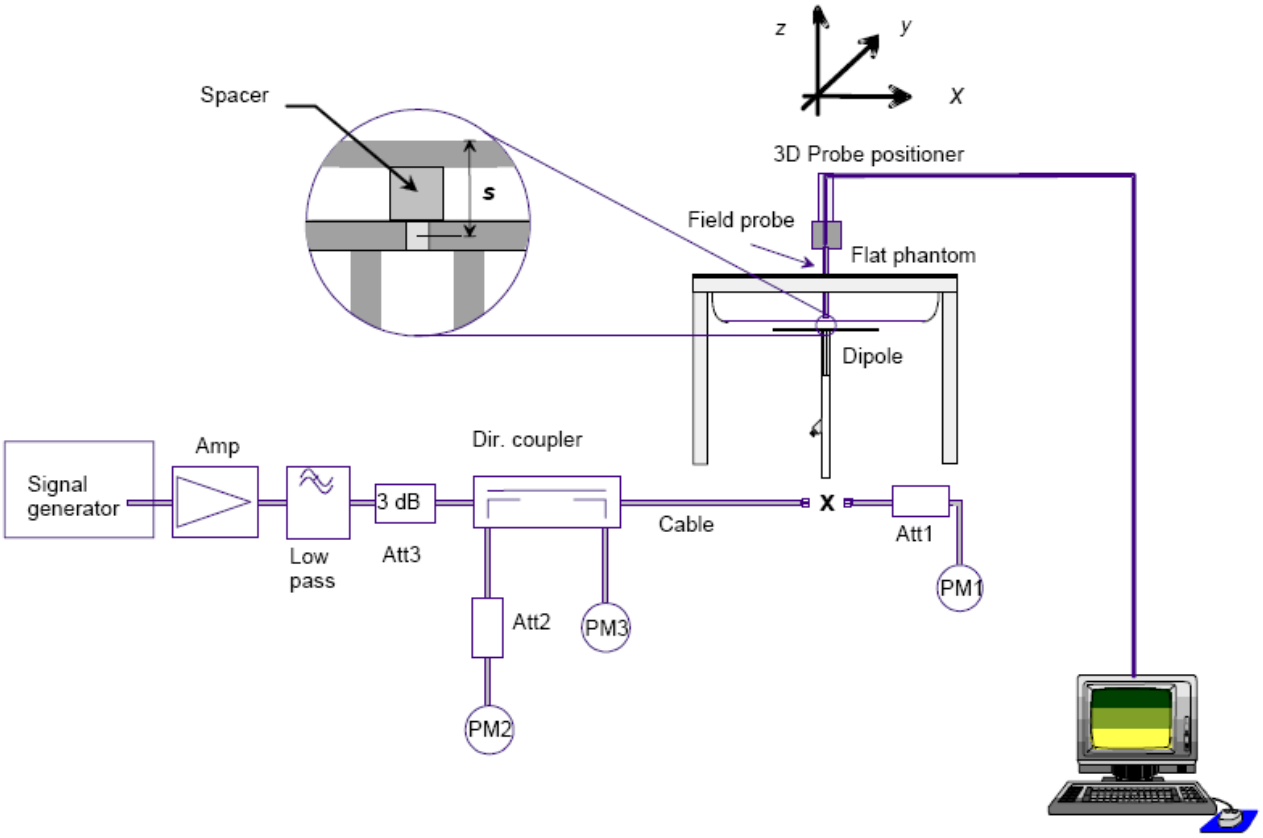
4.3 Tissue Dielectric Parameters for Head and Body Phantoms:

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in P1528 have been incorporated in the following table

Target Frequency (MHz)	Head		Body	
	ε_r	σ[s/m]	ε_r	σ[s/m]
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800-2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5800	35.3	5.27	48.2	6.00

5. SAR System Validation

5.1 Validation System:



5.2 Validation Dipoles:

The dipoles used is based on the IEEE-1528/EN62209-1 standard, and is complied with mechanical and electrical specifications in line with the requirements of both IEEE-1528/EN62209-1 and FCC Supplement C. the table below provides details for the mechanical and electrical specifications for the dipoles

Frequency	L(mm)	H(mm)	D(mm)
835MHz	161	89.8	3.6
1900MHz	68	39.5	3.6

5.3 Validation Result:

System performance check for Head at 835MHz,1900MHz Validation Dipole: D835V2-SN:4d120					
Frequency (MHz)	Description	SAR(1g) W/Kg	SAR(10g) W/Kg	Tissue Temp. (℃)	Date
835MHz	Reference	9.29±10% (8.36~10.22)	6.0±10% (5.40~6.60)	N/A	2014.09.12
	Validation	10.04	6.56	22.5	
Validation Dipole: D1900V2-SN:5d018					
1900MHz	Reference	40.1±10% (36.09~44.11)	21.1±10% (18.99~23.21)	N/A	2014.09.12
	Validation	42.0	21.44	22.5	
System performance check for Body at 835MHz,1900MHz Validation Dipole: D835V2-SN:4d120					
Frequency (MHz)	Description	SAR(1g) W/Kg	SAR(10g) W/Kg	Tissue Temp. (℃)	Date
835MHz	Reference	9.47±10% (8.52~10.41)	6.23±10% (5.61~6.85)	N/A	2014.09.13
	Validation	9.68	6.24	22.5	
Validation Dipole: D1900V2-SN:5d018					
1900MHz	Reference	39.8±10% (35.82~43.78)	21.0±10% (18.90~23.10)	N/A	2014.09.13
	Validation	42.40	21.60	22.5	
Note: Note: All system validation SAR values are measured at 24dBm and normalized to 1W forward power.					

6. SAR Evaluation Procedures:

The procedure for assessing the average SAR value consists of the following steps:

- Power Reference Measurement

  The Power Reference Measurement and Power Drift Measurement jobs are useful jobs for monitoring the power drift of the device under test in the batch process. Both jobs measure the field at a specified reference position, at a selectable distance from the phantom surface. The reference position can be either the selected section's grid reference point or a user point in this section. The reference job projects the selected point onto the phantom surface, orients the probe perpendicularly to the surface, and approaches the surface using the selected detection method.

- Area Scan

  The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a finer measurement around the hot spot. The sophisticated interpolation routines implemented in DASY4 software can find the maximum locations even in relatively coarse grids. The scanning area is defined by an editable grid. This grid is anchored at the grid reference point of the selected section in the phantom. When the Area Scan's property sheet is brought-up, grid settings can be edited by a user.

- Zoom Scan

  Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The default Zoom Scan measures 7 x 7 x 7 points (5mmx5mmx5mm) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure.

- Power Drift Measurement

  The Power Drift Measurement job measures the field at the same location as the most recent power reference measurement job within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement.

7. SAR Exposure Limits

SAR assessments have been made in line with the requirements of IEEE-15288,FCC Supplement C ,and comply with ANSI/IEEE C95.1-1992”Uncontrolled Environments” limits.

Limits for General Population/Uncontrolled Exposure (W/kg)

Type Exposure	Uncontrolled Environment Limit
Spatial Peak SAR (1g cube tissue for brain or body)	1.60W/kg
Spatial Peak SAR (whole body)	0.08W/kg
Spatial Peak SAR (10g for hands,feet,ankles and wrist)	4.00W/kg

Note: Occupational/Uncontrolled Environments are defined as locations where there is exposure that may be incurred by people who are aware of the potential for exposure,(i.e. as a result of employment or occupation)

8. Measurement Uncertainty:

Measurement uncertainty for 300 MHz to 3 GHz averaged over 1 gram / 10 gram.

NO	Source	Uncert. ai（%）	Prob. Dist.	Div. k	ci (1g)	ci (10g)	Stand. Uncert. ui (1g)	Stand. Uncert. ui (10g)	*Veff*
1	Repeat	0.04	N	1	1	1	0.04	0.04	9
Instrument									
2	Probe calibration	7	N	2	1	1	3.5	3.5	∞
3	Axial isotropy	4.7	R	$\sqrt{3}$	0.7	0.7	1.9	1.9	∞
4	Hemispherical isotropy	9.6	R	$\sqrt{3}$	0.7	0.7	3.9	3.9	∞
5	Boundary effect	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
6	Linearity	4.7	R	$\sqrt{3}$	1	1	2.7	2.7	∞
7	Detection limits	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞
8	Readout electronics	0.3	N	1	1	1	0.3	0.3	∞
9	Response time	0.8	R	$\sqrt{3}$	1	1	0.5	0.5	∞
10	Integration time	2.6	R	$\sqrt{3}$	1	1	1.5	1.5	∞
11	Ambient noise	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
12	Ambient reflections	3.0	R	$\sqrt{3}$	1	1	1.7	1.7	∞
13	Probe positioner mech. restrictions	0.4	R	$\sqrt{3}$	1	1	0.2	0.2	∞
14	Probe positioning with respect to phantom shell	2.9	R	$\sqrt{3}$	1	1	1.7	1.7	∞
15	Max.SAR evaluation	1.0	R	$\sqrt{3}$	1	1	0.6	0.6	∞

Test sample related									
16	Device positioning	3.8	N	1	1	1	3.8	3.8	99
17	Device holder	5.1	N	1	1	1	5.1	5.1	5
18	Drift of output power	5.0	R	$\sqrt{3}$	1	1	2.9	2.9	∞
Phantom and set-up									
19	Phantom uncertainty	4.0	R	$\sqrt{3}$	1	1	2.3	2.3	∞
20	Liquid conductivity (target)	5.0	R	$\sqrt{3}$	0.64	0.43	1.8	1.2	∞
21	Liquid conductivity (meas)	2.5	N	1	0.64	0.43	1.6	1.2	∞
22	Liquid Permittivity (target)	5.0	R	$\sqrt{3}$	0.6	0.49	1.7	1.5	∞
23	Liquid Permittivity (meas)	2.5	N	1	0.6	0.49	1.5	1.2	∞
Combined standard			RSS	$U_C = \sqrt{\sum_{i=1}^{n} C_i^2 U_i^2}$			12.2%	11.9%	236
Expanded uncertainty (P=95%)		$U = k\, U_C$,k=2					24.4%	23.8%	

9. Conducted Power Measurement:

Band	Channel	Frequency (MHz)	Avg.Burst Power(dBm)	Duty Cycle Factor(dB)	Frame Power (dBm)
Maximum Power <SIM 1>					
GSM850	CH128	824.20	31.27	-9.03	22.24
	CH190	836.60	31.35	-9.03	22.32
	CH251	848.80	31.70	-9.03	22.67
PCS1900	Ch512	1850.20	30.33	-9.03	21.30
	CH661	1880.00	30.69	-9.03	21.66
	CH810	1909.80	30.64	-9.03	21.61
Maximum Power <SIM 2>					
GSM850	CH251	836.60	31.06	-9.03	22.03
PCS1900	CH661	1880.00	30.18	-9.03	21.15

Band	Channel	Frequency (MHz)	Avg.Burst Power(dBm)	Duty Cycle Factor(dB)	Frame Power (dBm)
Maximum Power					
GPRS850 Slot1	CH128	824.20	31.11	-9.03	22.08
	CH190	836.60	31.31	-9.03	22.28
	CH251	848.80	31.67	-9.03	22.64
GPRS850 Slot2	CH128	824.20	30.32	-6.02	24.3
	CH190	836.60	30.57	-6.02	24.55
	CH251	848.80	30.88	-6.02	24.86
GPRS850 Slot3	CH128	824.20	28.34	-4.35	23.99
	CH190	836.60	28.60	-4.35	24.25
	CH251	848.80	28.44	-4.35	24.09
GPRS850 Slot4	CH128	824.20	27.34	-3	24.34
	CH190	836.60	27.45	-3	24.45
	CH251	848.80	27.76	-3	24.76
GPRS1900 Slot1	CH512	1850.20	30.15	-9.03	21.12
	CH661	1880.00	30.55	-9.03	21.52
	CH810	1909.80	30.58	-9.03	21.55
GPRS1900 Slot2	CH512	1850.20	28.99	-6.02	22.97
	CH661	1880.00	29.47	-6.02	23.45
	CH810	1909.80	29.34	-6.02	23.32
GPRS1900 Slot3	CH512	1850.20	26.97	-4.35	22.62
	CH661	1880.00	27.41	-4.35	23.06
	CH810	1909.80	27.38	-4.35	23.03
GPRS1900 Slot4	CH512	1850.20	24.90	-3	21.9
	CH661	1880.00	25.37	-3	22.37
	CH810	1909.80	25.33	-3	22.33

Band	Channel	Frequency (MHz)	Avg.Burst Power(dBm)	Duty Cycle Factor(dB)	Frame Power (dBm)
Maximum Power					
EPRS850 Slot1(GMSK)	CH128	824.20	31.07	-9.03	22.04
	CH190	836.60	31.27	-9.03	22.24
	CH251	848.80	31.63	-9.03	22.6
EPRS850 Slot2(GMSK)	CH128	824.20	30.30	-6.02	24.28
	CH190	836.60	30.55	-6.02	24.53
	CH251	848.80	30.86	-6.02	24.84
EPRS850 Slot3(GMSK)	CH128	824.20	28.29	-4.35	23.94
	CH190	836.60	28.55	-4.35	24.2
	CH251	848.80	28.59	-4.35	24.24
EPRS850 Slot4(GMSK)	CH128	824.20	26.51	-3	23.51
	CH190	836.60	26.56	-3	23.56
	CH251	848.80	26.68	-3	23.68
EPRS1900 Slot1(GMSK)	CH512	1850.20	29.09	-9.03	20.06
	CH661	1880.00	29.49	-9.03	20.46
	CH810	1909.80	29.51	-9.03	20.48
EPRS1900 Slot2(GMSK)	CH512	1850.20	28.38	-6.02	22.36
	CH661	1880.00	28.36	-6.02	22.34
	CH810	1909.80	28.23	-6.02	22.21
EPRS1900 Slot3(GMSK)	CH512	1850.20	26.23	-4.35	21.58
	CH661	1880.00	26.36	-4.35	22.01
	CH810	1909.80	26.25	-4.35	21.9
EPRS1900 Slot4(GMSK)	CH512	1850.20	25.23	-3	22.23
	CH661	1880.00	24.71	-3	21.71
	CH810	1909.80	24.67	-3	21.67

Band	Channel	Frequency (MHz)	Avg.Burst Power(dBm)	Duty Cycle Factor(dB)	Frame Power (dBm)
Maximum Power					
EPRS850 Slot1(8PSK)	CH128	824.20	25.73	-9.03	16.7
	CH190	836.60	25.71	-9.03	16.68
	CH251	848.80	25.4	-9.03	16.37
EPRS850 Slot2(8PSK)	CH128	824.20	24.66	-6.02	18.64
	CH190	836.60	24.92	-6.02	18.9
	CH251	848.80	24.76	-6.02	18.74
EPRS850 Slot3(8PSK)	CH128	824.20	22.78	-4.35	18.43
	CH190	836.60	23.07	-4.35	18.72
	CH251	848.80	23.26	-4.35	18.91
EPRS850 Slot4(8PSK)	CH128	824.20	21.82	-3	18.82
	CH190	836.60	21.9	-3	18.9
	CH251	848.80	22.1	-3	19.1
EPRS1900 Slot1(8PSK)	CH512	1850.20	25.18	-9.03	16.15
	CH661	1880.00	25.46	-9.03	16.43
	CH810	1909.80	25.55	-9.03	16.52
EPRS1900 Slot2(8PSK)	CH512	1850.20	23.89	-6.02	17.87
	CH661	1880.00	24.35	-6.02	18.33
	CH810	1909.80	23.37	-6.02	17.35
EPRS1900 Slot3(8PSK)	CH512	1850.20	22.39	-4.35	18.04
	CH661	1880.00	22.73	-4.35	18.38
	CH810	1909.80	22.51	-4.35	18.16
EPRS1900 Slot4(8PSK)	CH512	1850.20	21.3	-3	18.3
	CH661	1880.00	21.49	-3	18.49
	CH810	1909.80	21.76	-3	18.76

Note: According KDB 941225, conduct Power of EGPRS (8PSK) is not exceed conduct power of EGPRS (GMSK), SAR evaluation of EGPRS (8PSK) is optional

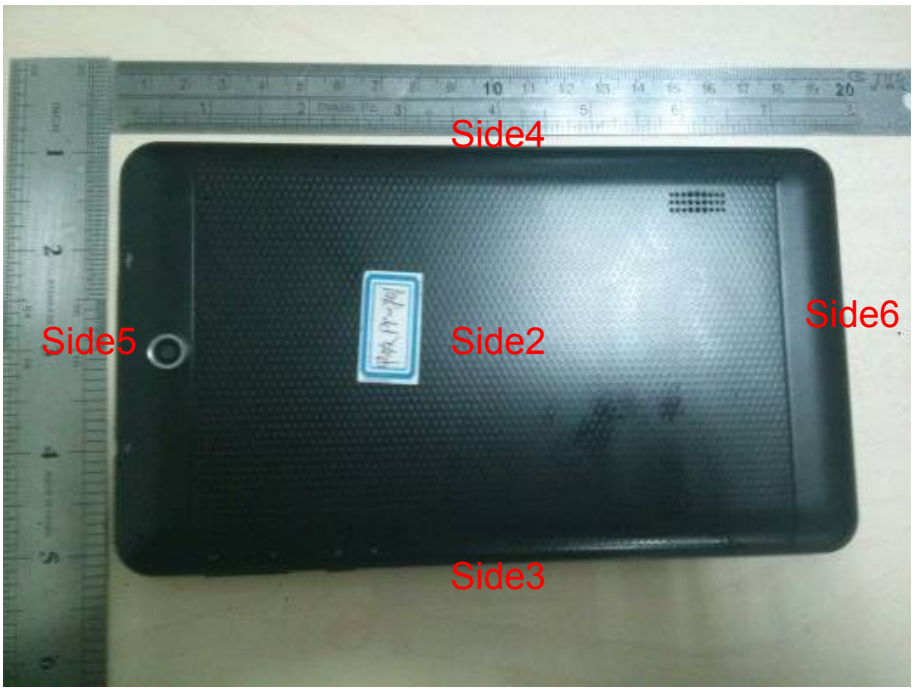
Average Power						
Band	WCDMA Band II.			WCDMA Band V.		
CH	9262	9400	9538	4132	4183	4233
Frequency	1852.4	1880.0	1907.6	826.4	836.6	846.6
RMC 12.2Kbps	22.69	22.56	22.58	20.79	20.68	20.66
HSDPA Subtest-1	22.28	22.23	22.31	20.42	20.34	20.39
HSDPA Subtest-2	22.29	22.22	22.31	20.36	20.33	20.39
HSDPA Subtest-3	22.24	22.18	22.23	20.31	20.29	20.31
HSDPA Subtest-4	22.21	22.09	22.25	20.28	20.20	20.33
HSUPA Subtest-1	22.19	22.18	22.19	20.26	20.29	20.27
HSUPA Subtest-2	22.16	22.07	22.21	20.23	20.18	20.29
HSUPA Subtest-3	22.29	22.17	22.25	20.36	20.28	20.33
HSUPA Subtest-4	22.11	22.10	22.21	20.18	20.21	20.29
HSUPA Subtest-5	22.14	22.09	22.13	20.21	20.20	20.21
RMC 12.2Kbps-SIM2	22.61	22.55	22.53	20.77	20.65	20.63

WIFI			
802.11b	CH01	2412	8.37
	CH06	2437	8.69
	CH11	2462	8.53
802.11g	CH01	2412	6.45
	CH06	2437	6.34
	CH11	2462	6.21
802.11n-20	CH01	2412	6.22
	CH06	2437	6.13
	CH11	2462	6.41
802.11n-40	CH01	2422	4.32
	CH02	2437	4.32
	CH03	2452	4.23
Bluetooth			
1Mbps	00	2402	-3dBm

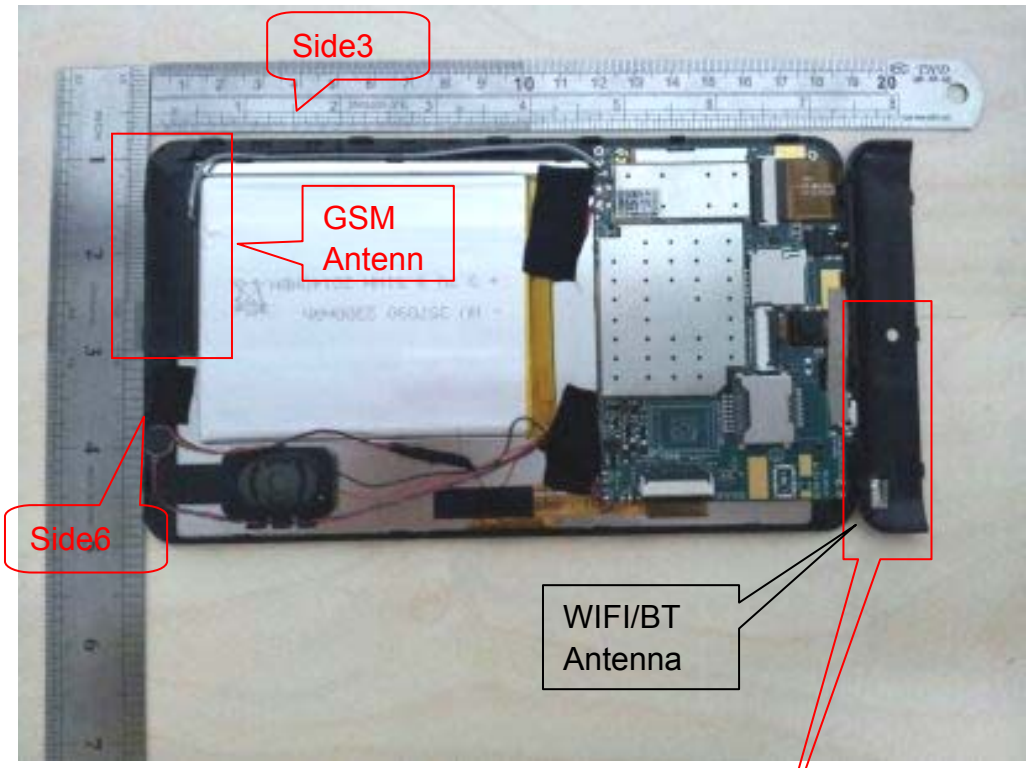
10. Test photos and results:

10.1 DUT photos:

Front side



Back side



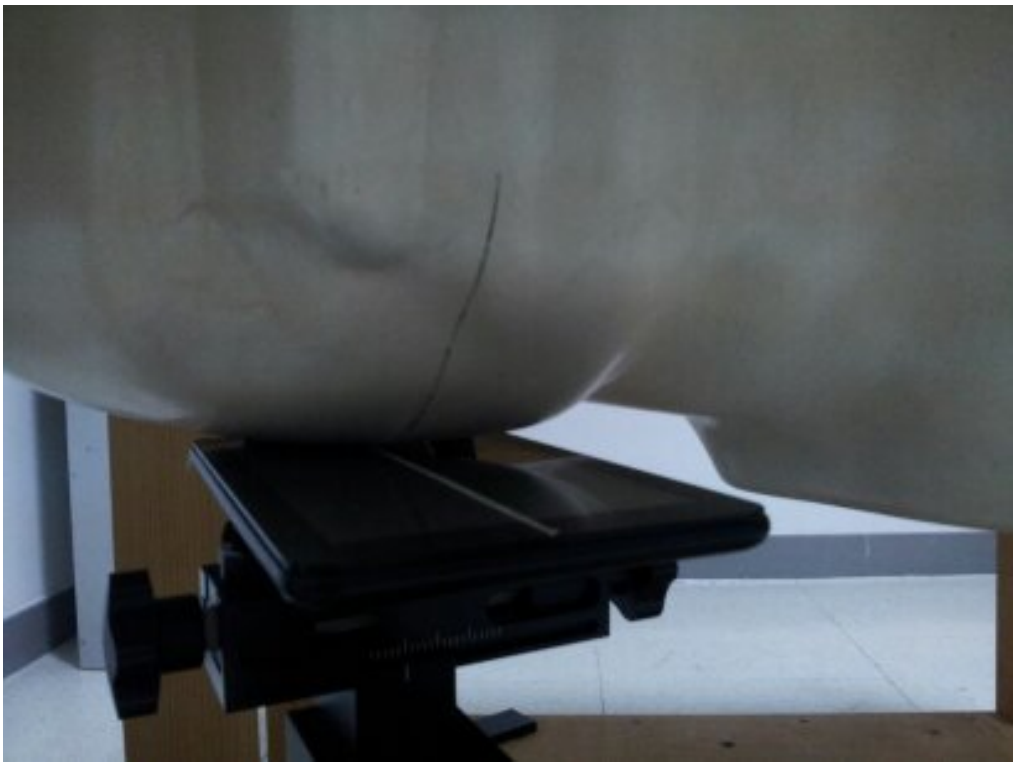
Antenna Location

WIFI Antenna

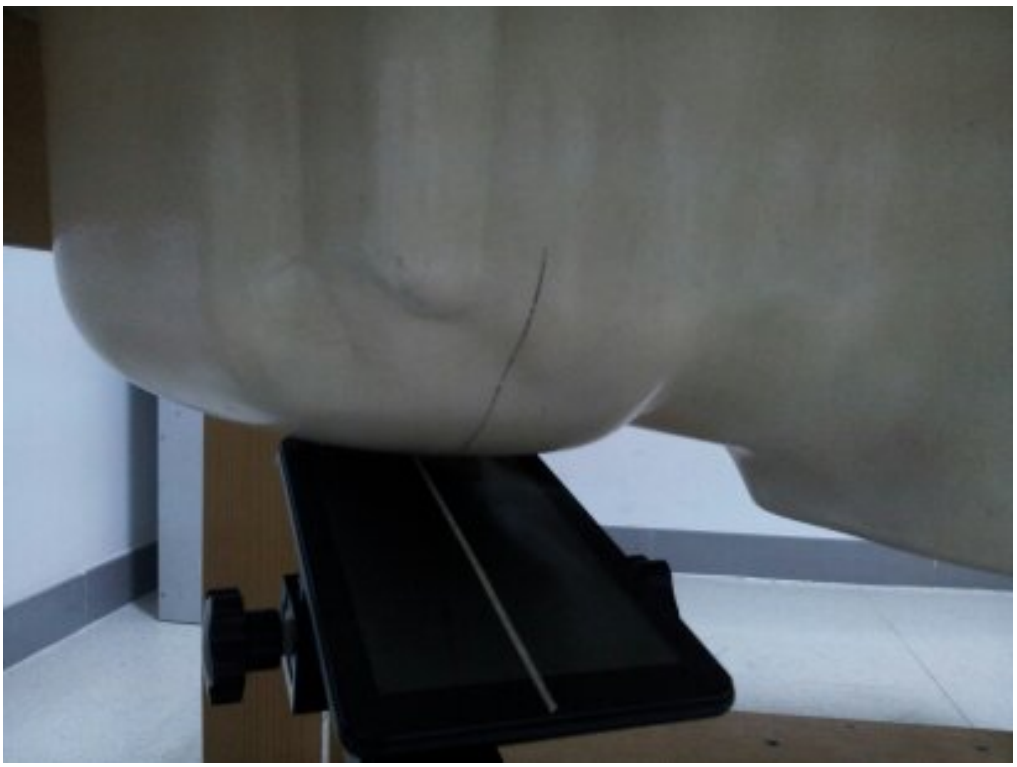
10.2 Setup photos:

Left Touch Cheek

Left Tilt(15°)

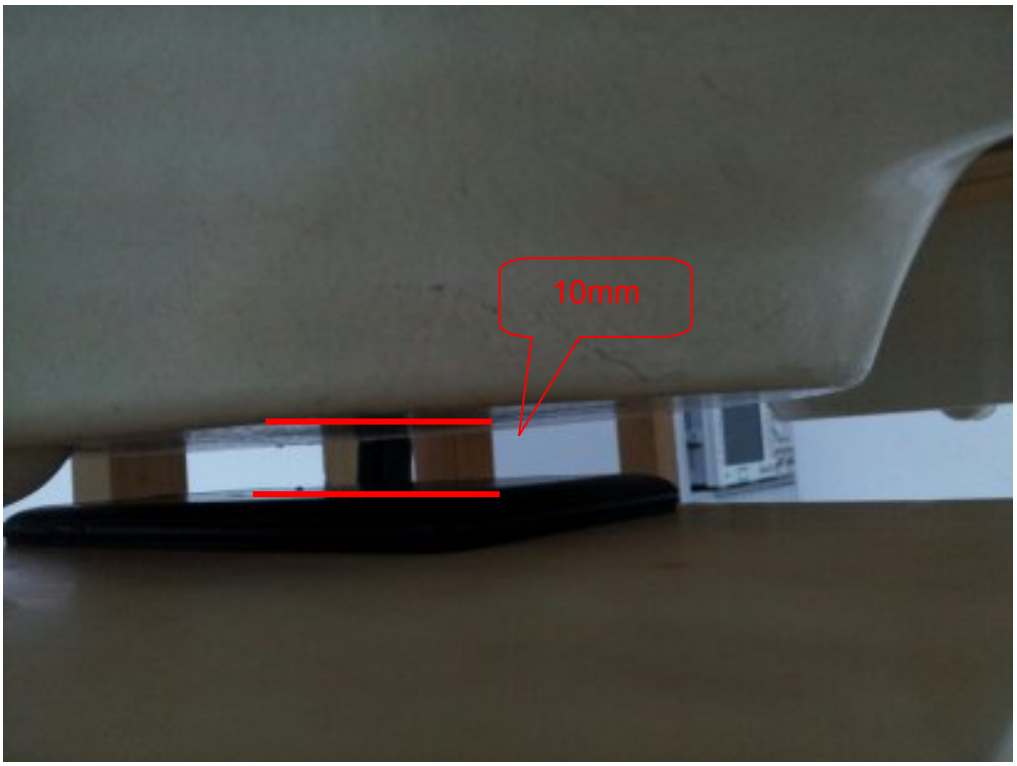


Right Touch Cheek

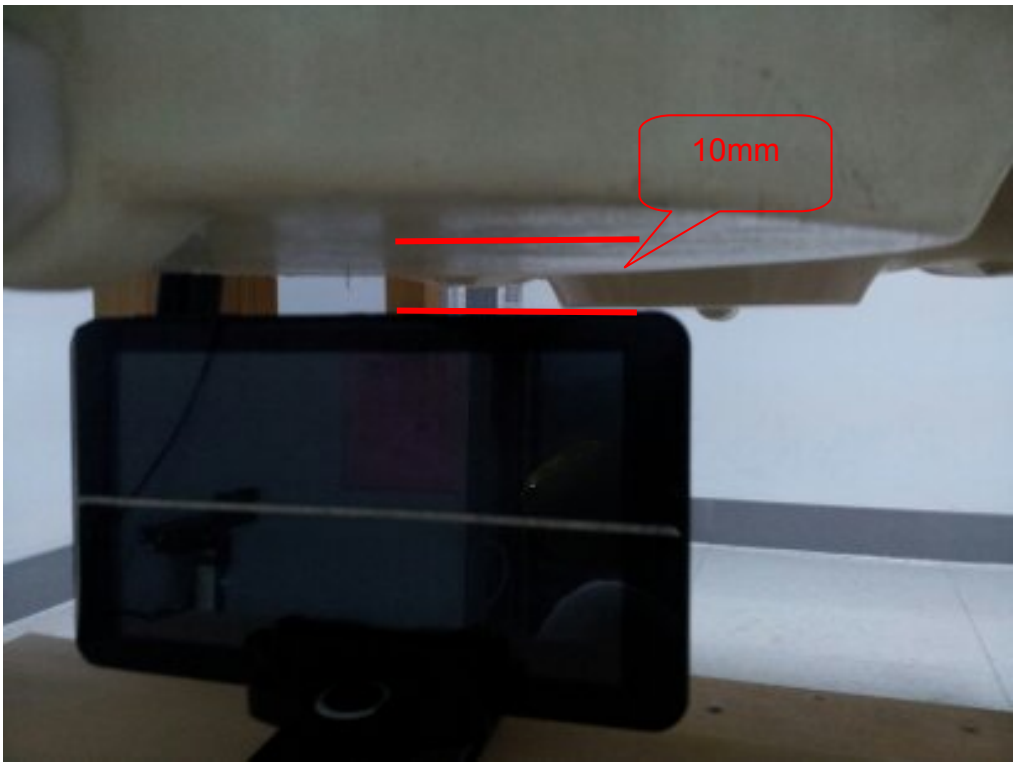


Right Tilt(15°)

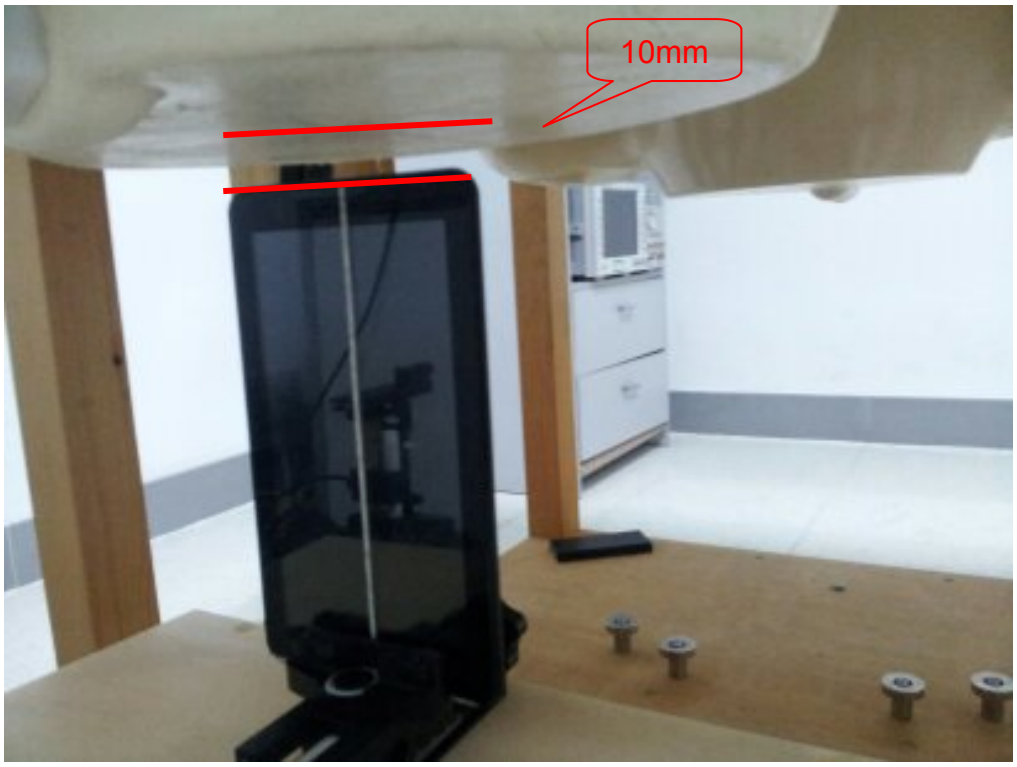
Body:



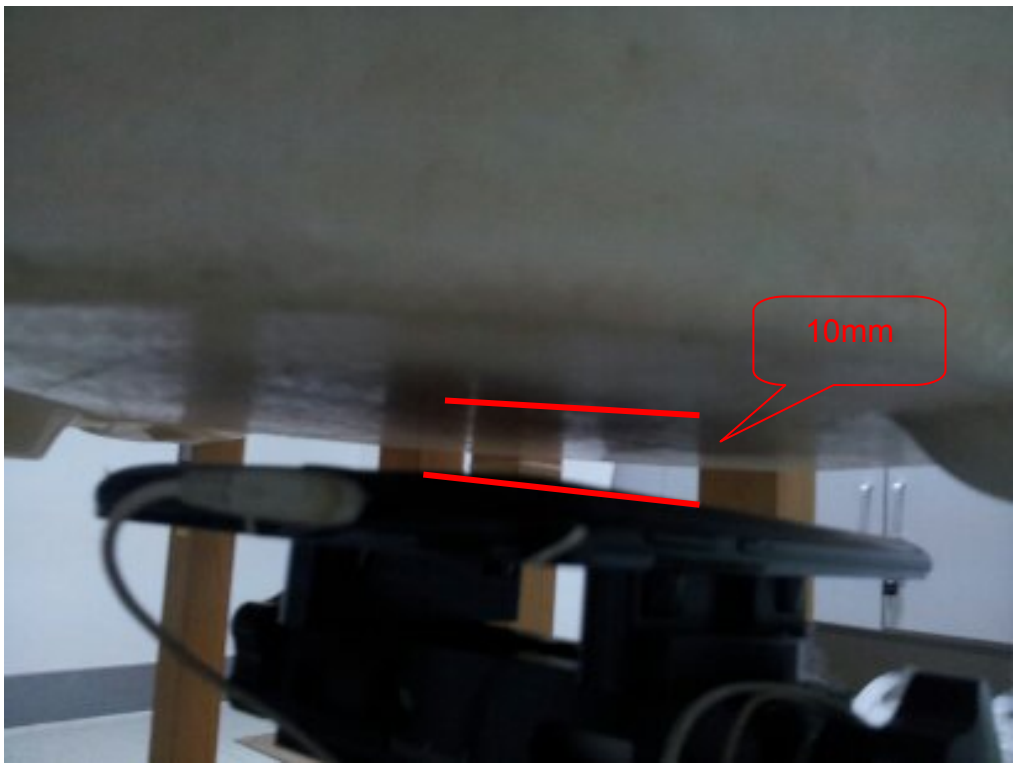
Side2



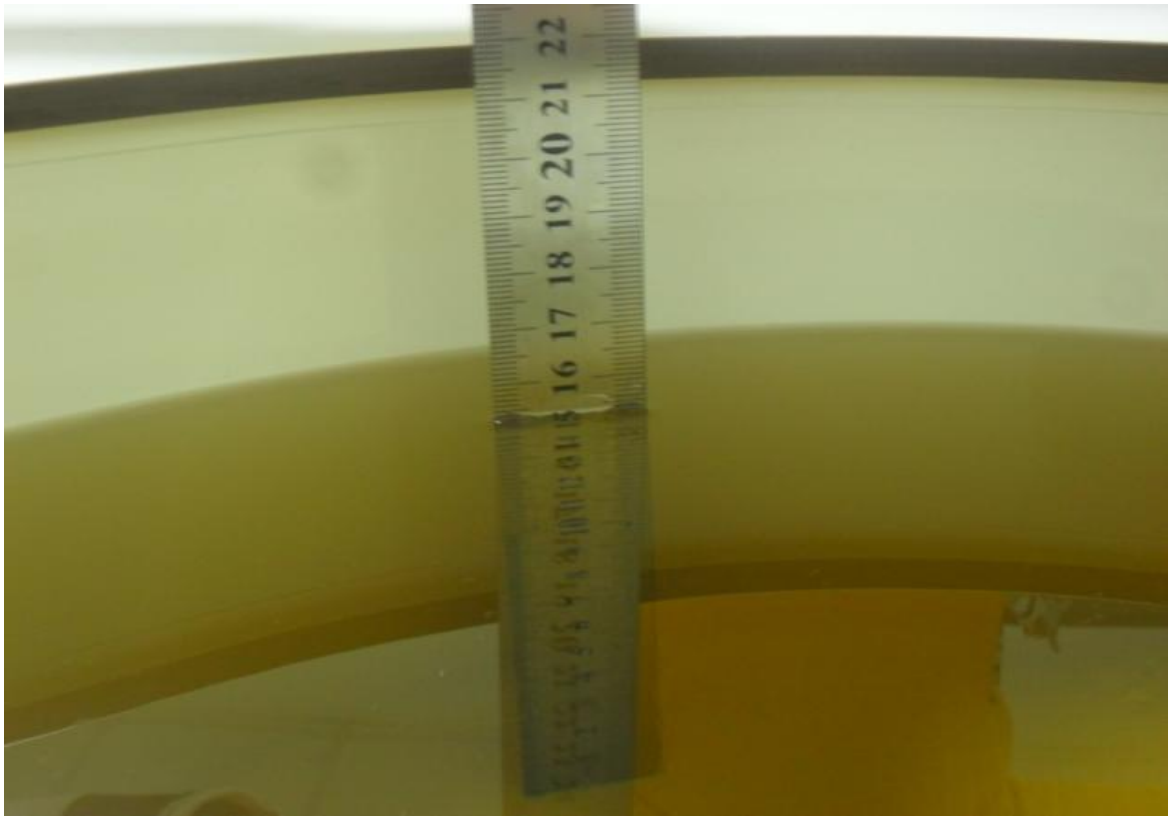
Side3



Side6



Side 2 with Headset



Liquid depth (15cm)

10.3 SAR result summary:

Scale Factor=Target Power/Measurement Power
Scale SAR=Measurement SAR*Scale Factor
Head

Test Case of Head			Meas. Power (dBm)	Target Power (dBm)	Factor	Meas. SAR (W/kg) 1g Avg.	Scale SAR (W/kg)	Power Drift <±0.2 dB	Data Slot
Band	Test Position	CH							
SIM1,Liquid: Head									
GSM 850	Left Cheek	CH190	31.35	33	1.46	0.428	0.626	0.007	Plot 1
	Left Tilt	CH190	31.35	33	1.46	0.192	0.281	0.074	Plot 2
	Right Tilt	CH190	31.35	33	1.46	0.187	0.273	0.018	Plot 3
	Right Cheek	CH190	31.35	33	1.46	0.391	0.572	0.062	Plot 4
GSM 1900	Left Cheek	CH661	30.69	31	1.07	0.18	0.193	0.155	Plot 5
	Left Tilt	CH661	30.69	31	1.07	0.138	0.148	0.002	Plot 6
	Right Tilt	CH661	30.69	31	1.07	0.123	0.132	0.00	Plot 7
	Right Cheek	CH661	30.69	31	1.07	0.258	0.277	-0.111	Plot 8
WCDMA Band V	Left Cheek	CH4183	20.68	21	1.08	0.538	0.579	0.071	Plot 9
	Left Tilt	CH4183	20.68	21	1.08	0.323	0.348	0.180	Plot 10
	Right Tilt	CH4183	20.68	21	1.08	0.399	0.430	-0.110	Plot 11
	Right Cheek	**CH4183**	**20.68**	**21**	**1.08**	**0.613**	**0.660**	**-0.174**	**Plot 12**
WCDMA Band II	Left Cheek	CH9750	22.56	23	1.11	0.211	0.233	-0.102	Plot 13
	Left Tilt	CH9750	22.56	23	1.11	0.107	0.118	0.032	Plot 14
	Right Tilt	CH9750	22.56	23	1.11	0.145	0.160	-0.048	Plot 15
	Right Cheek	CH9750	22.56	23	1.11	0.277	0.307	-0.053	Plot 16
SIM2,Liquid: Head									
GSM 850	Right Cheek	CH190	31.35	33	1.46	0.368	0.537	-0.147	Plot 17
GSM 1900	Right Cheek	CH661	30.69	31	1.07	0.217	0.233	-0.053	Plot 18
WCDMA Band V	Right Cheek	CH4183	20.68	21	1.08	0.586	0.631	0.154	Plot 19
WCDMA Band II	Right Cheek	CH9750	22.56	23	1.11	0.249	0.276	-0.146	Plot 20

Body

Test Case of Head			Meas. Power (dBm)	Target Power (dBm)	Factor	Meas. SAR (W/kg) 1g Avg.	Scale SAR (W/kg)	Power Drift <±0.2 dB	Data Slot
Band	Test Position	CH							
Liquid: Body, Separator: 10mm									
GPRS 850	Side2-1Slot	CH190	31.31	33	1.48	0.326	0.481	-0.002	Plot 21
	Side2-2Slot	CH190	30.57	32	1.39	0.456	0.634	0.016	Plot 22
	Side2-3Slot	CH190	28.6	30	1.38	0.485	0.669	0.002	Plot 23
	Side2-4Slot	CH190	27.45	28.5	1.27	0.503	0.641	0.007	Plot 24
	Side3-4Slot	CH190	27.45	28.5	1.27	0.428	0.545	0.035	Plot 25
	Side6-4Slot	CH190	27.45	28.5	1.27	0.275	0.350	-0.132	Plot 26
	Side1-4Slot	CH190	27.45	28.5	1.27	0.457	0.580	-0.015	Plot 27
EGPRS 850	Side2-4Slot	**CH190**	**26.56**	**28.5**	**1.56**	**0.553**	**0.864**	**0.021**	**Plot 28**
GSM850	Side2 with Headset	CH190	31.35	33	1.46	0.226	0.330	-0.056	Plot 29
GPRS 1900	Side2-1Slot	CH661	30.55	31	1.11	0.181	0.201	0.116	Plot 30
	Side2-2Slot	CH661	29.47	30	1.13	0.266	0.301	0.176	Plot 31
	Side2-3Slot	CH661	27.41	28	1.15	0.318	0.364	0.165	Plot 32
	Side2-4Slot	CH661	25.37	26.5	1.30	0.363	0.471	0.082	Plot 33
	Side3-4Slot	CH661	25.37	26.5	1.30	0.281	0.365	0.129	Plot 34
	Side6-4Slot	CH661	25.37	26.5	1.30	0.147	0.191	0.107	Plot 35
	Side1-4Slot	CH661	25.37	26.5	1.30	0.325	0.423	-0.018	Plot 36
EGPRS 1900	Side2-4Slot	CH661	24.71	26.5	1.51	0.413	0.624	0.028	Plot 37
GSM 1900	Side2 with Headset	CH661	30.69	31	1.07	0.232	0.249	0.069	Plot 38
HSDPA Band V	Side 2	CH4183	20.34	21	1.16	0.712	0.829	0.144	Plot 39
	Side 3	CH4183	20.34	21	1.16	0.609	0.709	-0.012	Plot 40
	Side 6	CH4183	20.34	21	1.16	0.399	0.464	-0.011	Plot 41
	Side 1	CH4183	20.34	21	1.16	0.654	0.759	0.032	Plot 42

WCDMA Band V	Side2 with Headset	CH4183	20.68	21	1.08	0.361	0.389	0.124	Plot 43
HSDPA Band II	Side 2	CH9750	22.23	23	1.19	0.594	0.709	0.125	Plot 44
	Side 3	CH9750	22.23	23	1.19	0.406	0.485	0.102	Plot 45
	Side 6	CH9750	22.23	23	1.19	0.319	0.381	-0.082	Plot 46
	Side 1	CH9750	22.23	23	1.19	0.525	0.625	0.132	Plot 47
WCDMA Band II	Side2 with Headset	CH9750	22.56	23	1.11	0.212	0.235	0.010	Plot 48

Note:1. When the 1g SAR is ≤0.8 W/kg，testing for low and high channel is optional.
2. For distance from antenna to edges (side3, side5) exceed 2.5cm, SAR measurement for these sides is optional.

10.4 Co-located SAR

According to KDB 447498,Bluetooth and BT/WLAN output power is ≤10dBm,standalone SAR for Bluetooth and WLAN is not required

Simultaneous transmission SAR for WLAN and BT:

SAR= (*max. power of channel, including tune-up tolerance, mW*)/(*min. test separation distance, mm*)]·[$\sqrt{f_{(GHz)}}/x$]

Max Power for WLAN = 9.5dBm Max Power for BT = -3dBm X=7.5

Min Test separation distance for Body position=10mm

Min Test separation distance for Head position=5mm

WLAN F=2.437 GHz. BT F=2.402GHz

Test position	Head(5mm)	Body/hotspot(10mm)
WLAN Estimated SAR	0.374	0.187
BT Estimated SAR	0.021	0.011

The simultaneous transmission between WLAN,BT and GSM/WCDMA

Max 1-g SAR(W/kg)				∑1-g SAR(W/kg)
Position	WLAN	BT	GSM/WCDMA	
Right-Cheek	0.374		0.660	1.034
		0.021		0.681

Body SAR value and the sum of the 1-g SAR for WLAN,BT and GSM/WCDMA

Max 1-g SAR(W/kg)				∑1-g SAR(W/kg)
Position	WLAN	BT	GSM/WCDMA	
Body	0.187		0.864	1.051
		0.011		0.875

Note: 1.This device just supports simultaneous transmission between WLAN,BT and GSM/WCDMA

Conclusion:

1. **Simultaneous Transmission: WLAN,BT and GSM/WCDMA**
2. **Require for simultaneous Transmission SAR with Volume Scans:**

NO ($\sum_1$-g SAR<1.6W/Kg)

11. Equipment List:

NO.	Instrument	Manufacture	Model	S/N	Cal. Date	Cal. Due Date
1	Communication Tester	Agilent	E5515C	MY50267264	Dec 27th 2013	Dec 27th 2014
2	E-field Probe	Speag	EX3DV4	3898	March 10th 2014	March 10th 2015
3	Dielectric Probe Kit	Speag	DAK 3.5mm Probe	1038	N/A	N/A
4	DAE	Speag	DAE4	914	Dec 18th 2013	Dec 18th 2014
5	SAM TWIN phantom	Speag	SAM	1360/1432	N/A	N/A
6	Robot	Stabuli	TX60L	N/A	N/A	N/A
7	Device Holder	Speag	SD000H01HA	N/A	N/A	N/A
8	Vector Network	Agilent	E5071C	MY46107615	Jan 6th 2014	Jan 7th 2015
9	Signal Generator	Agilent	E4438C	MY49072279	Nov 27th 2013	Nov 27th 2014
10	Amplifier	Mini-circult	ZHL-42W	QA098002	N/A	N/A
11	Power Meter	Agilent	N1419A	MY50001563	Nov 27th 2013	Nov 27th 2014
12	Power Sensor	Agilent	N8481H	MY51020010	Nov 27th 2013	Nov 27th 2014
13	Directional Coupler	Agilent	772D	MY46151275	Nov 27th 2013	Nov 27th 2014
14	Directional Coupler	Agilent	778D	MY48220607	Nov 27th 2013	Nov 27th 2014
15	Dipole 835MHz	Speag	D835V2	4d120	Jun 16th 2014	Jun 15th 2016
16	Dipole 1900MHz	Speag	D1900V2	5d018	Jun 18th 2014	Jun 17th 2016

Appendix A. System validation plots:

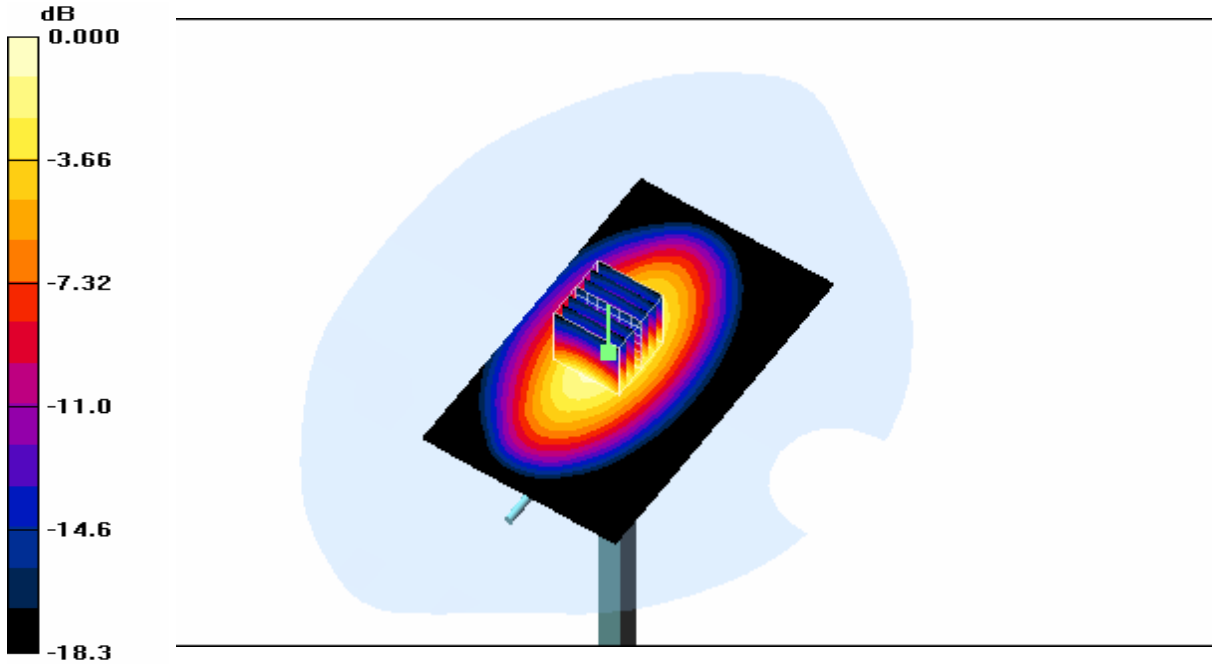
DUT: Dipole 835MHz; Type: D835V2; Serial: D835V2 - SN:4d120
Program Name: System Performance Check Head at 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.94 mho/m; ε_r =41.50; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.59 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.38 V/m; Power Drift = -0.03dB
Peak SAR (extrapolated) = 3.61W/kg
SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.64 mW/g
Maximum value of SAR (measured) = 2.81 mW/g



0 dB = 2.81mW/g

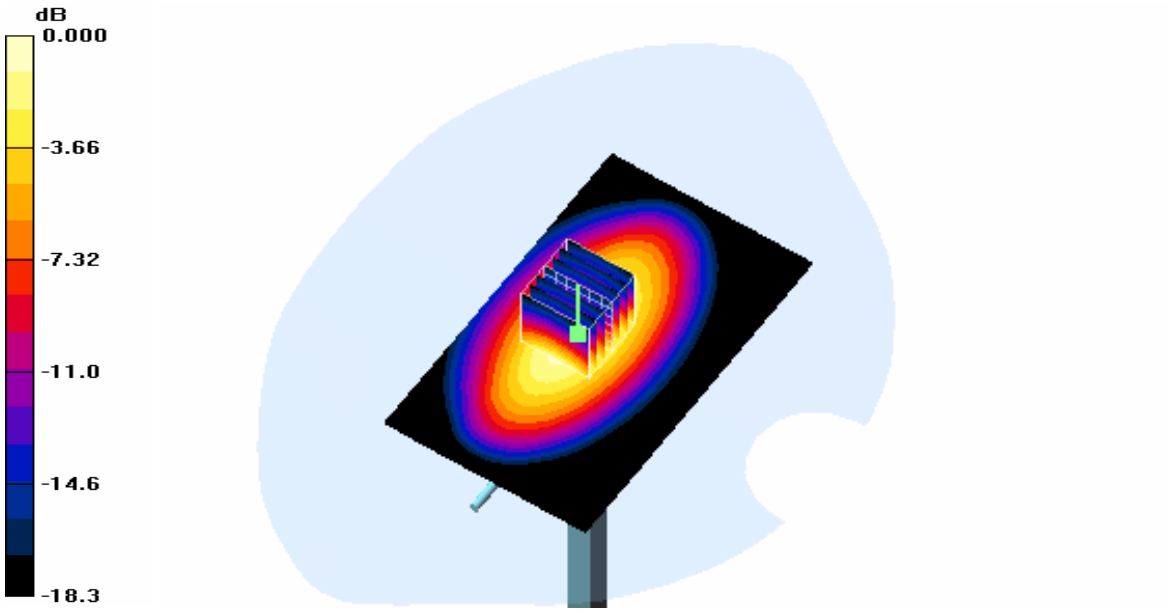
DUT: Dipole 835MHz; Type: D835V2; Serial: D835V2 - SN:4d120
Program Name: System Performance Check Body at 835 MHz

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1.005 mho/m; ε_r = 55.20; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.63, 9.63, 9.63); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.49 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.04 V/m; Power Drift = -0.00dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.56 mW/g
Maximum value of SAR (measured) = 2.84 mW/g



0 dB = 2.84mW/g

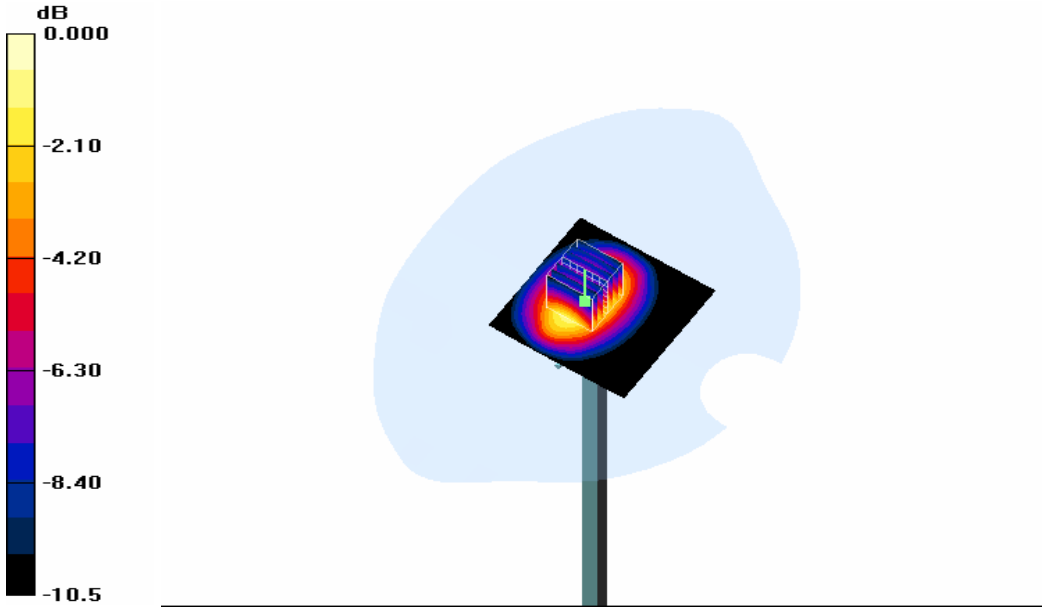
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d018
Program Name: System Performance Check Head at 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.39 mho/m; ε_r = 39.50; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 11.1 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.07 V/m; Power Drift = -0.099dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.36 mW/g
Maximum value of SAR (measured) = 12.6 mW/g



0 dB = 12.6mW/g

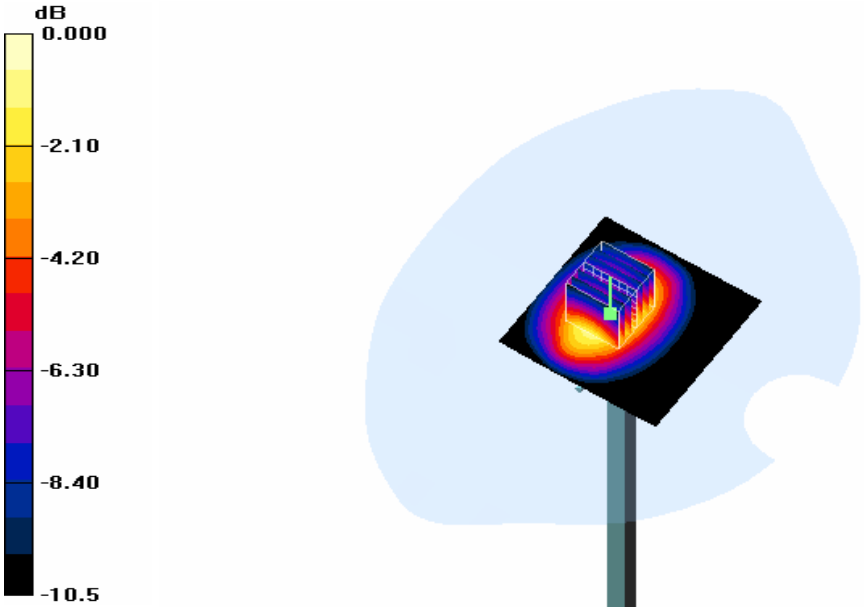
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d018
Program Name: System Performance Check Body at 1900 MHz

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.51 mho/m; ε_r = 52.50; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(7.83, 7.83, 7.83); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 12 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value =94.36 V/m; Power Drift = 0.05dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.40 mW/g
Maximum value of SAR (measured) = 12.5 mW/g



0 dB = 12mW/g

Appendix B. SAR Test plots:

Plot 1: 9/12/2014 11:15:01 AM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

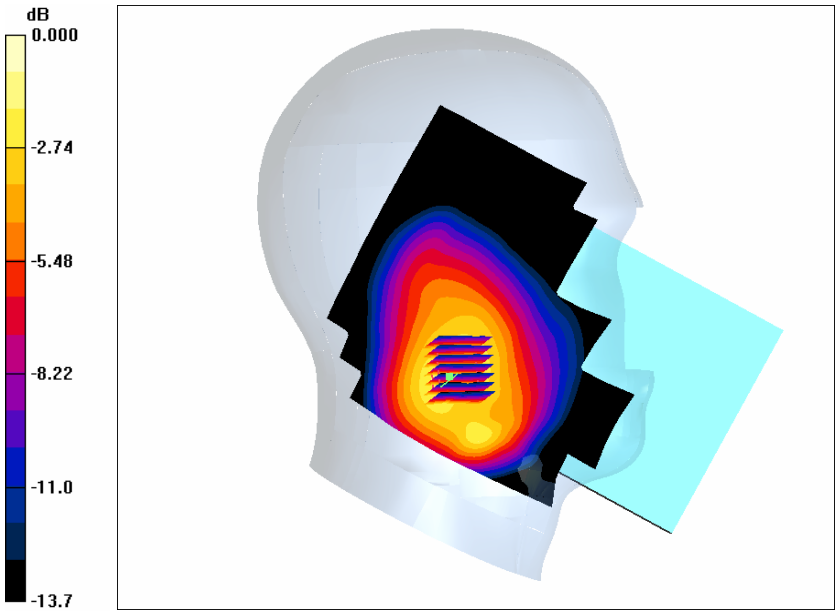
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

leftTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.404 mW/g

leftTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.851 W/kg
SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.545mW/g

Plot 2: Date/Time: 9/12/2014 11:55:04 AM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

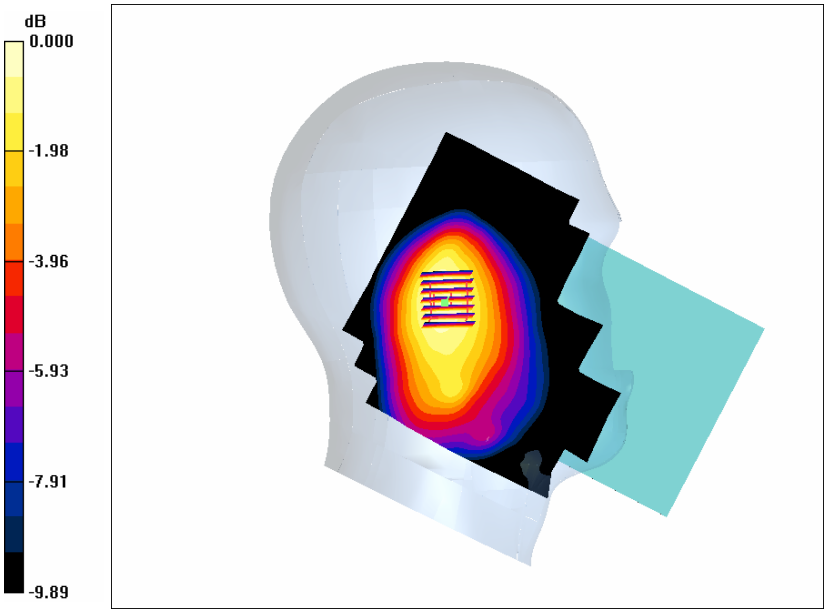
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

left Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.199 mW/g

left Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = 0.074 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.135 mW/g
Maximum value of SAR (measured) = 0.203 mW/g



0 dB = 0.203mW/

Plot 3: Date/Time: 9/12/2014 12:22:00 AM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

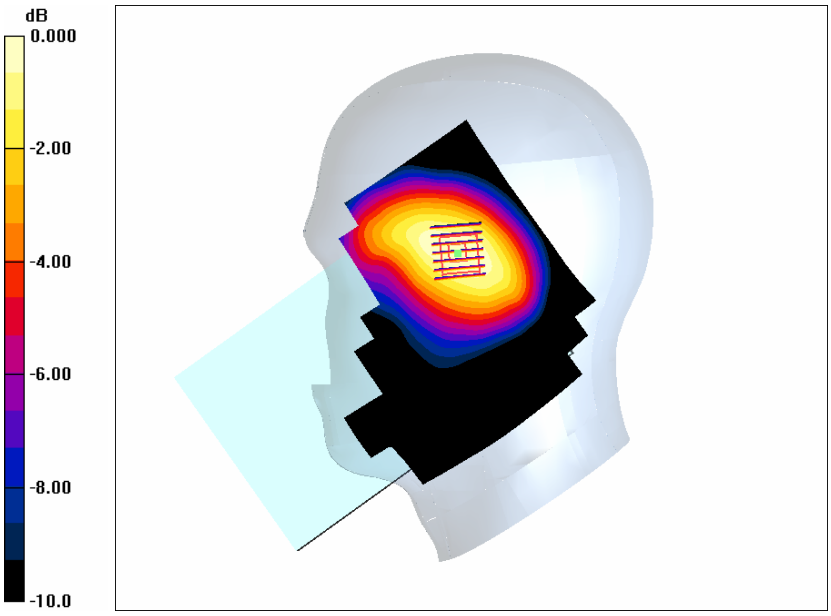
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.195 mW/g

Right Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

Plot 4: Date/Time: 9/12/2014 1:01:21 PM
Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

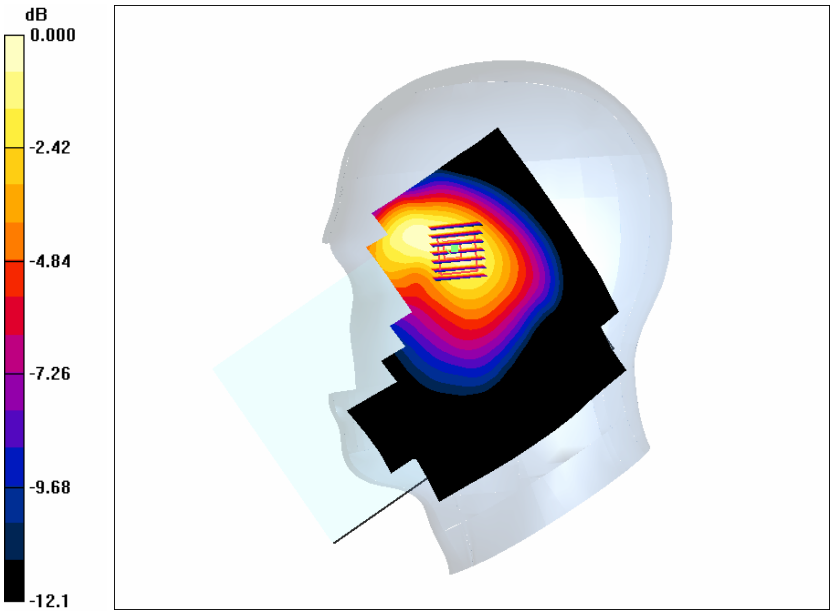
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g

RightTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.76 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.631 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.422 mW/g



0 dB = 0.422mW/g

Plot 5: Date/Time: 9/12/2014 5:33:35 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

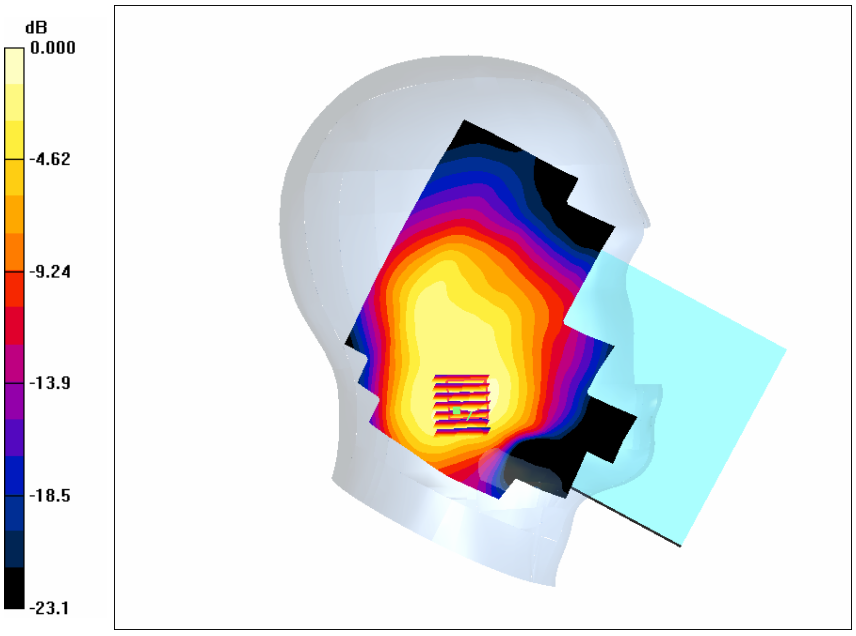
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

left Touch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.238 mW/g

left Touch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.35 V/m; Power Drift = 0.155 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

Plot 6: Date/Time: 9/12/2014 6:10:14 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

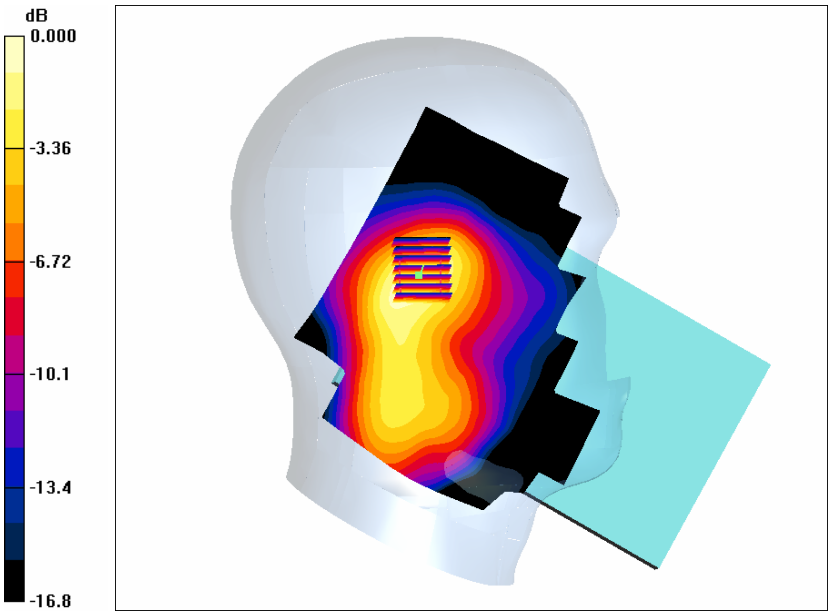
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

left Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.146 mW/g

left Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.231 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g

Plot 7: Date/Time: 9/12/2014 6:58:24 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

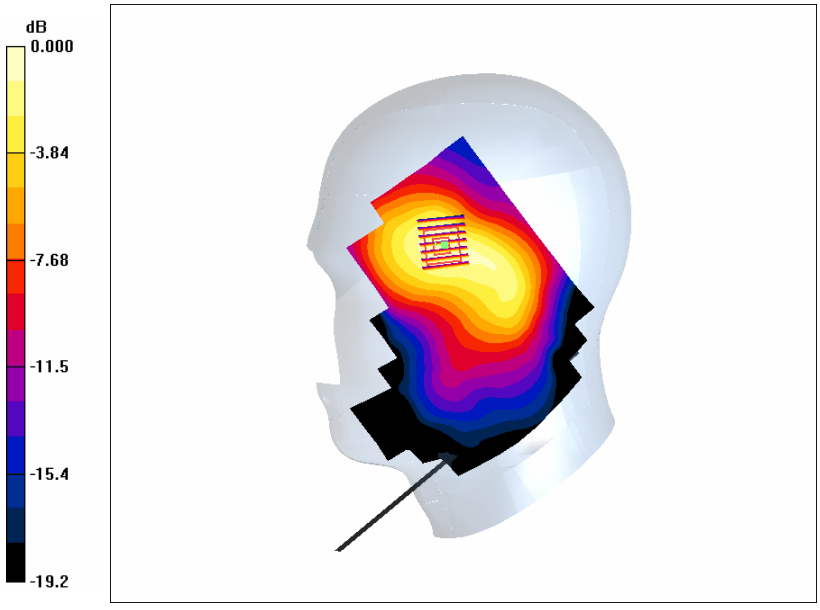
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

right Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.135 mW/g

right Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.65 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.073 mW/g
Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

Plot 8: Date/Time: 9/12/2014 7:34:07 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

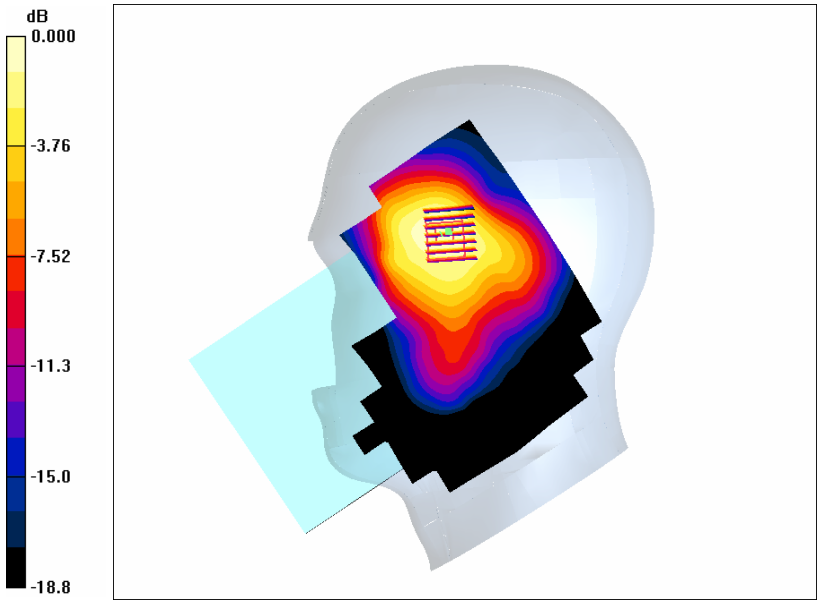
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.282 mW/g

RightTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.41 V/m; Power Drift = -0.111 dB
Peak SAR (extrapolated) = 0.444 W/kg
SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.283 mW/g



0 dB = 0.283mW/g

Plot 9: 9/12/2014 2:12:01 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

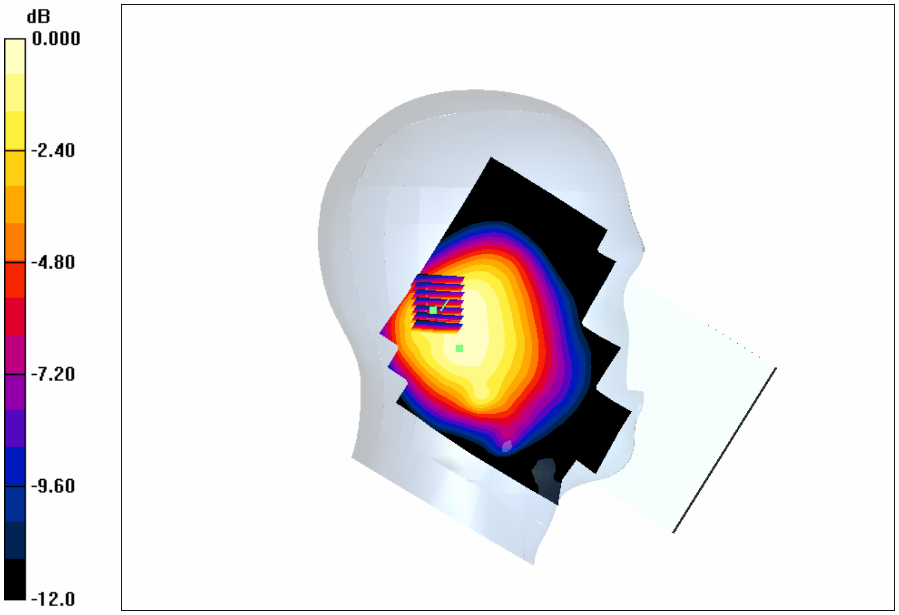
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

leftTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.557 mW/g

leftTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.340 mW/g
Maximum value of SAR (measured) = 0.576 mW/g



0 dB = 0.576mW/g

Plot 10: Date/Time: 9/12/2014 2:54:04 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

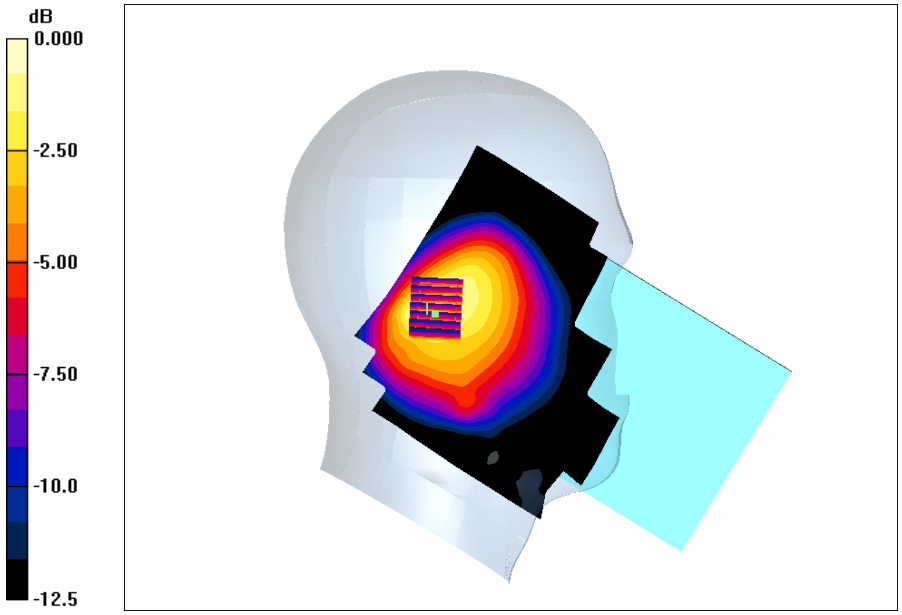
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

left Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.416 mW/g

left Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.382 mW/g



0 dB = 0.382mW/g

Plot 11: Date/Time: 9/12/2014 3:22:00 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

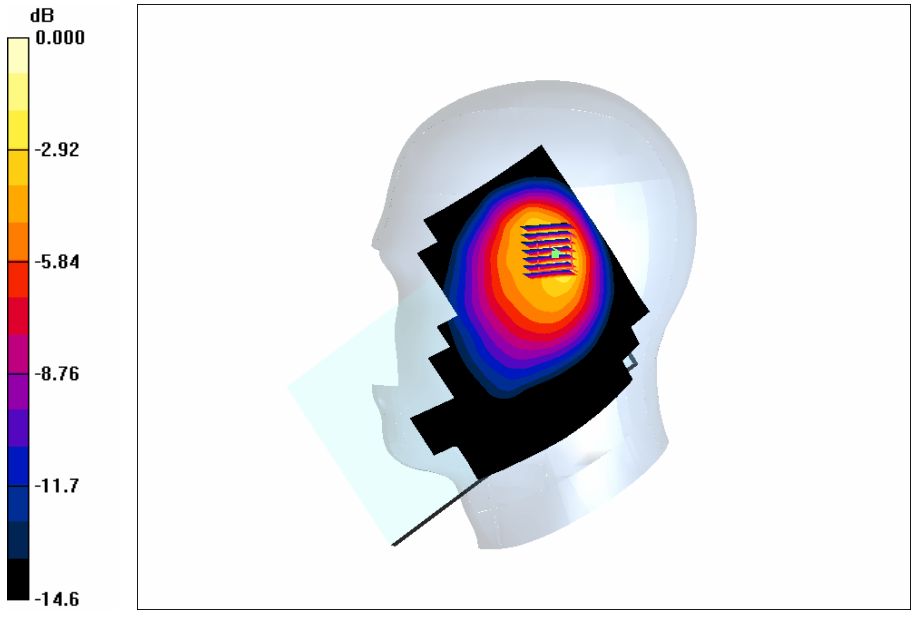
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.464 mW/g

Right Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.5 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.97 W/kg
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.170 mW/g.
Maximum value of SAR (measured) = 0.415 mW/g



0 dB = 0.415mW/g

Plot 12: Date/Time: 9/12/2014 4:07:53 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

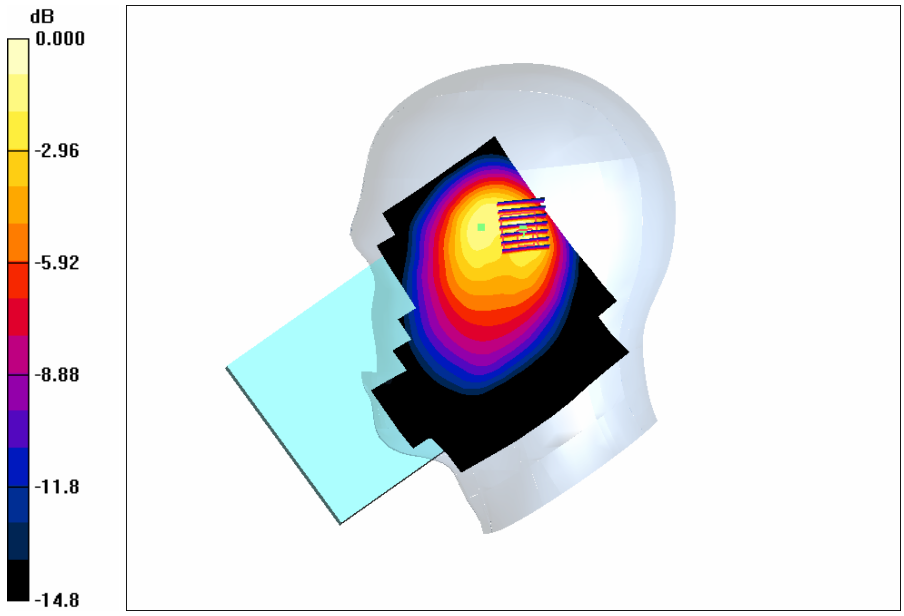
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Right Section

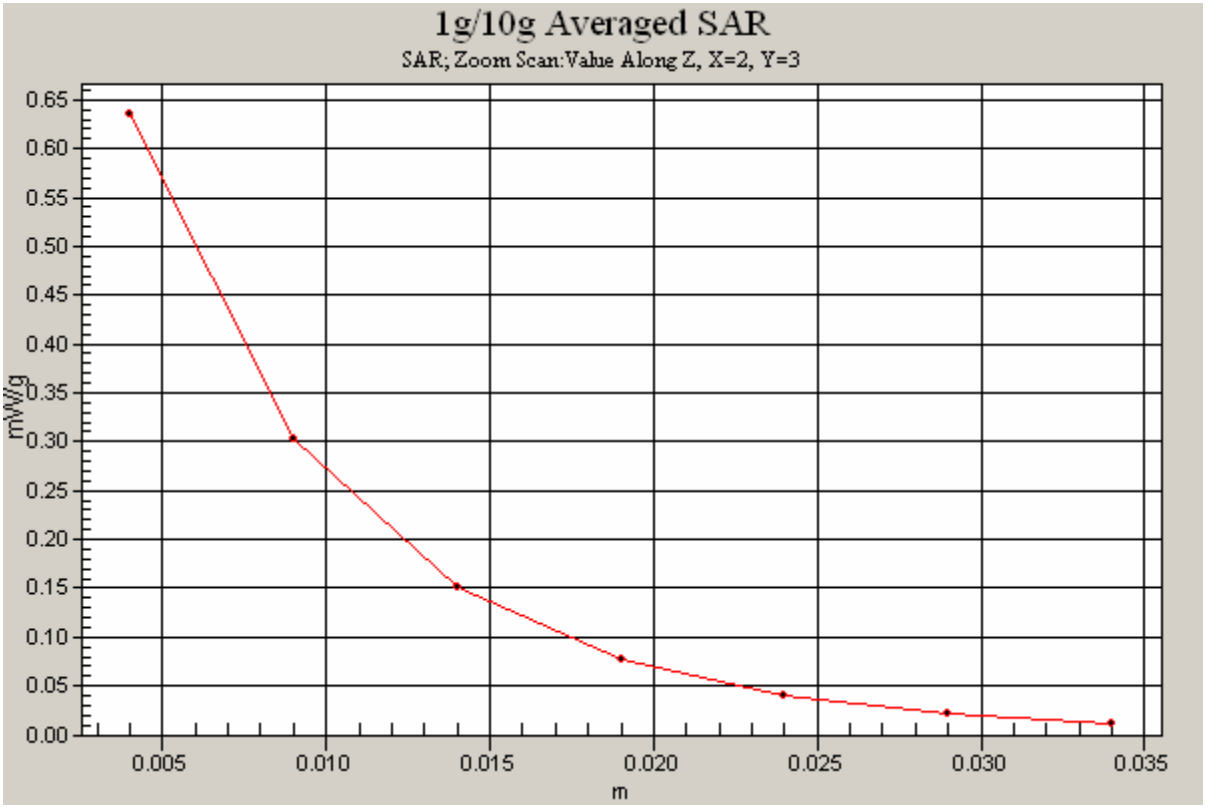
DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.624 mW/g

RightTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 1.71 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.272 mW/g
Maximum value of SAR (measured) = 0.639 mW/g



0 dB = 0.639mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=3
mW/g
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Plot 13: Date/Time: 9/12/2014 9:27:54 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

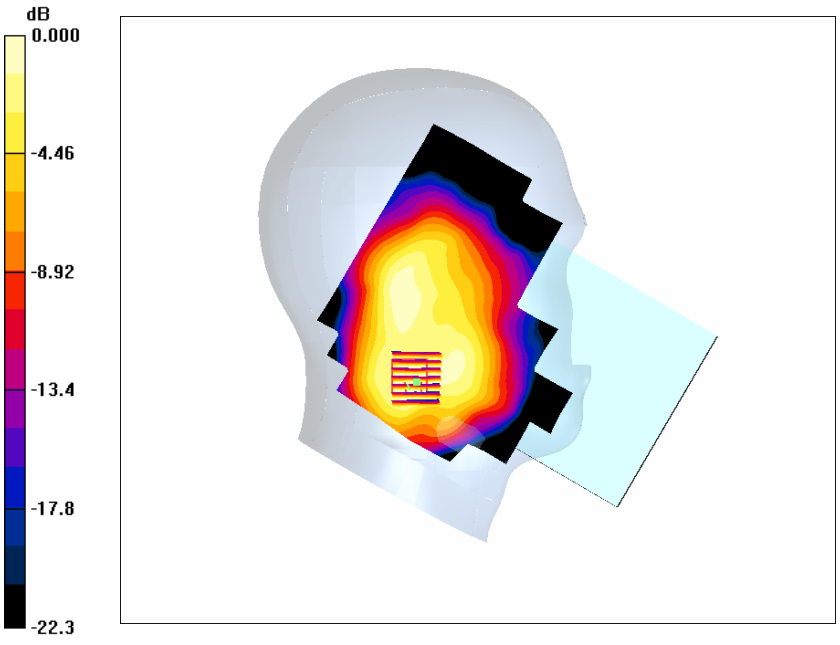
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LeftTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.233 mW/g

LeftTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.21 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.403 W/kg
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.125 mW/g
Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.138mW/g

Plot 14: Date/Time: 9/12/2014 10:10:14 PM
Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

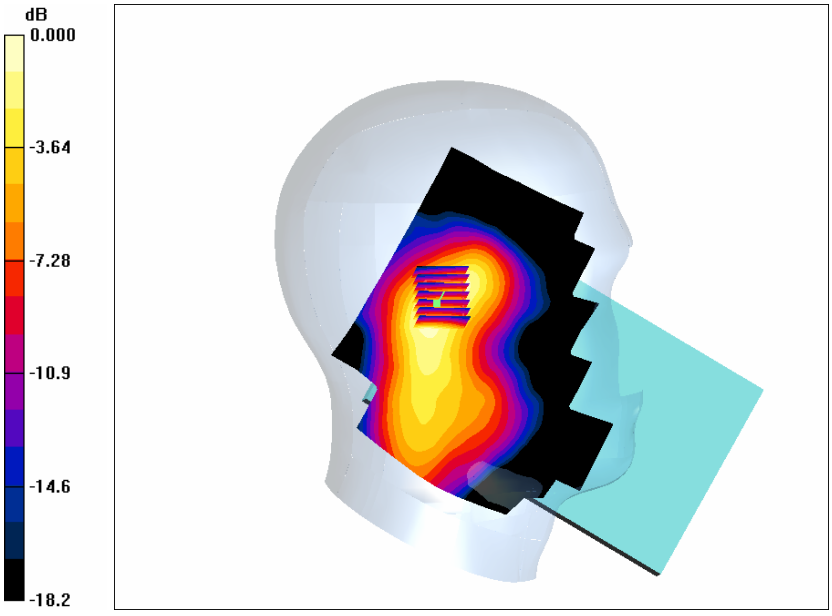
Communication System: W1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

left Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.155 mW/g

left Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.02 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.388 W/kg
SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



0 dB = 0.157mW/g

Plot 15: Date/Time: 9/12/2014 10:59:13 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

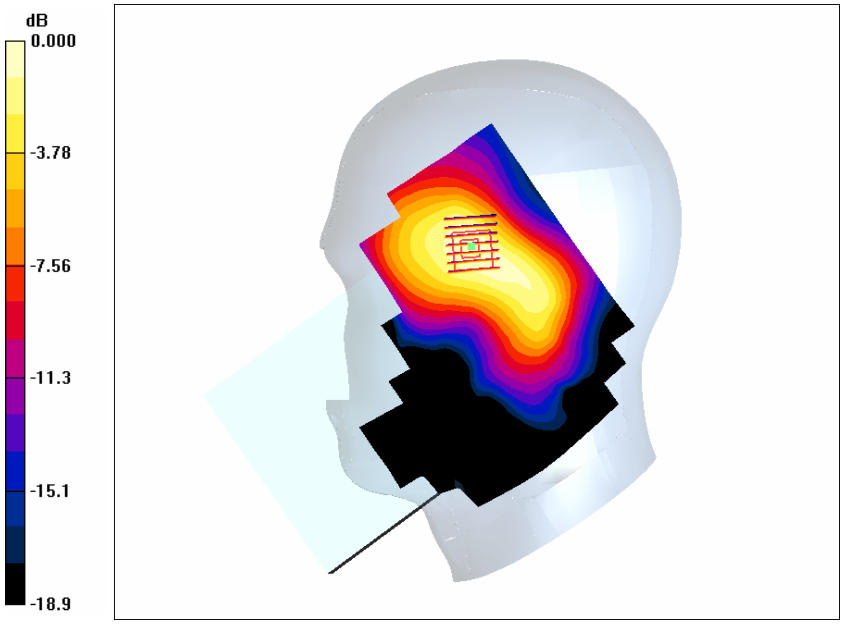
Communication System: W1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Right Tilt/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.154 mW/g

Right Tilt/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.60 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.79 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



0 dB = 0.163mW/g

Plot 16: Date/Time: 9/12/2014 11:44:07 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

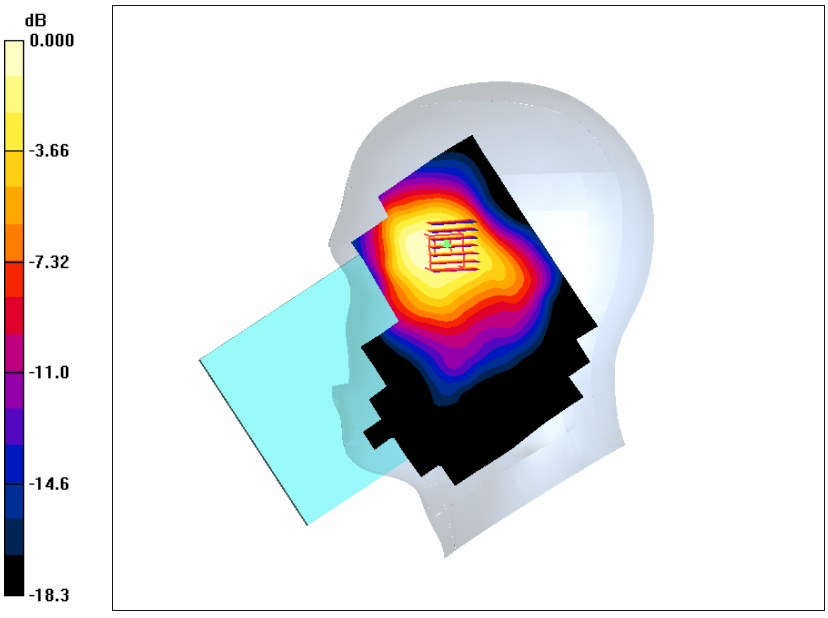
Communication System: W1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.291 mW/g

RightTouch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.60 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

Plot 17: Date/Time: 9/12/2014 13:45:32 PM
Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

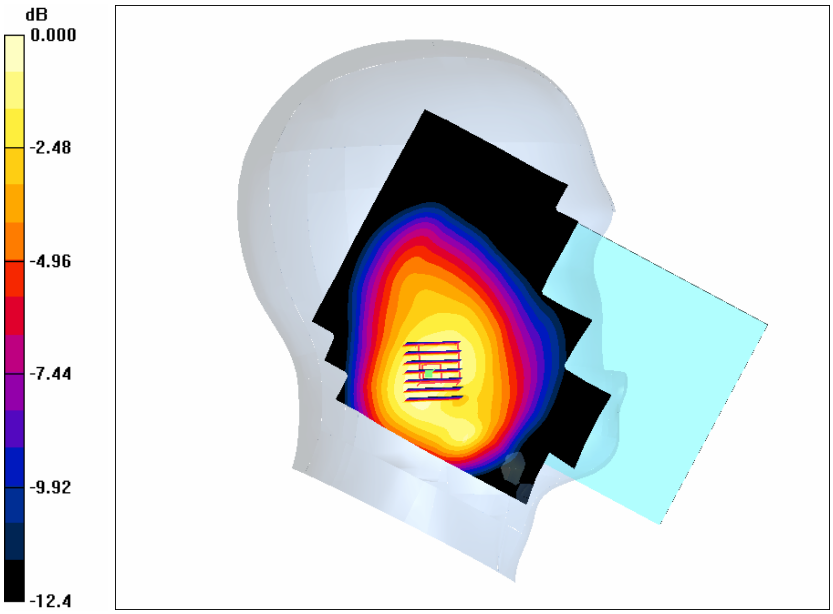
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LeftTouch-SIM2/Area Scan (111x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.391 mW/g

LeftTouch-SIM2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.147 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.395 mW/g



0 dB = 0.395mW/g

Plot 18: Date/Time: 9/12/2014 8:43:35 PM
Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

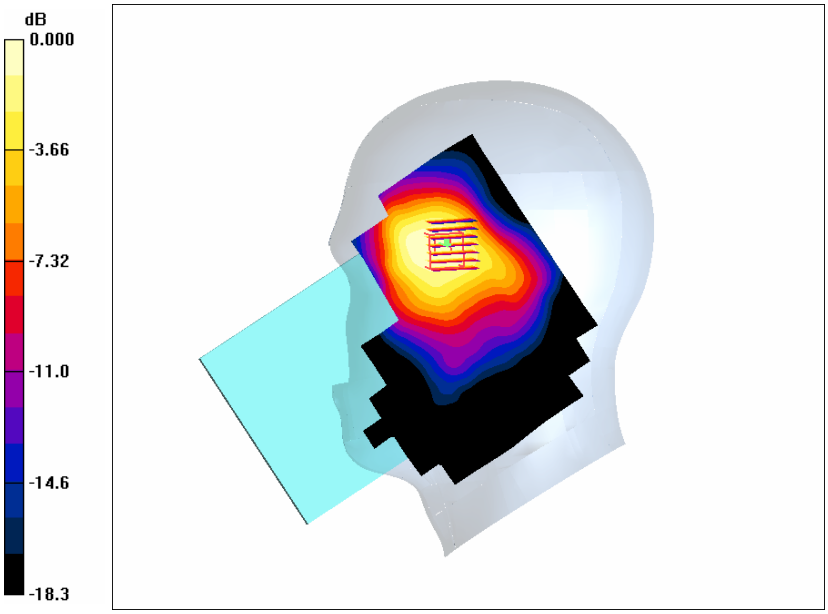
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch-SIM2/Area Scan (121x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.251 mW/g

RightTouch-SIM2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.60 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.287 W/kg
SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

Plot 19: Date/Time: 9/12/2014 4:45:55 PM
Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

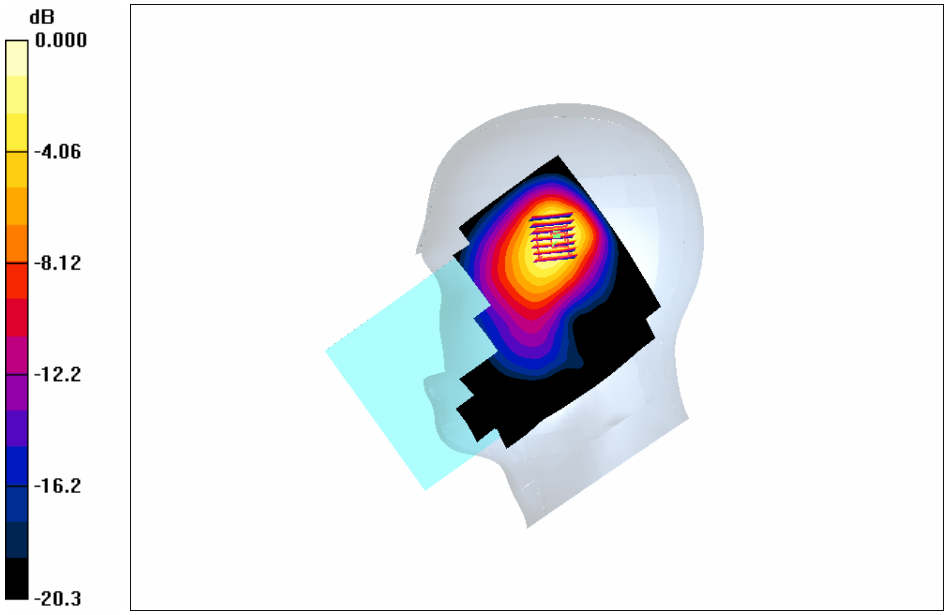
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W 850; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 837 MHz; σ = 0.892 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: EX3DV4 - SN3898; ConvF(9.85, 9.85, 9.85); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch-SIM2/Area Scan (101x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.599 mW/g

RightTouch-SIM2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.7 V/m; Power Drift = 0.154 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.586 mW/g; SAR(10 g) = 0.325 mW/g
Maximum value of SAR (measured) = 0.71 mW/g



0 dB = 0.71mW/g

Plot 20: Date/Time: 9/12/2014 12:35:32 PM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

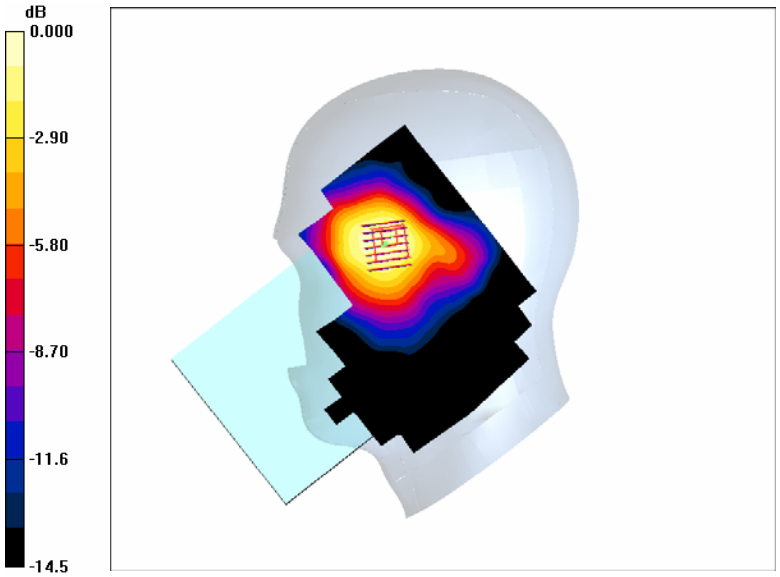
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: W1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 40.5; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(8.20, 8.20, 8.20); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1360; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RightTouch-SIM2/Area Scan (121x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.297 mW/g

RightTouch-SIM2/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.59 V/m; Power Drift = -0.146 dB
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.263mW/g

Plot 21: Date/Time: 9/13/2014 3:18:22 AM

Test Laboratory: SUNWAY COMMUNICATION CO.,LTD.

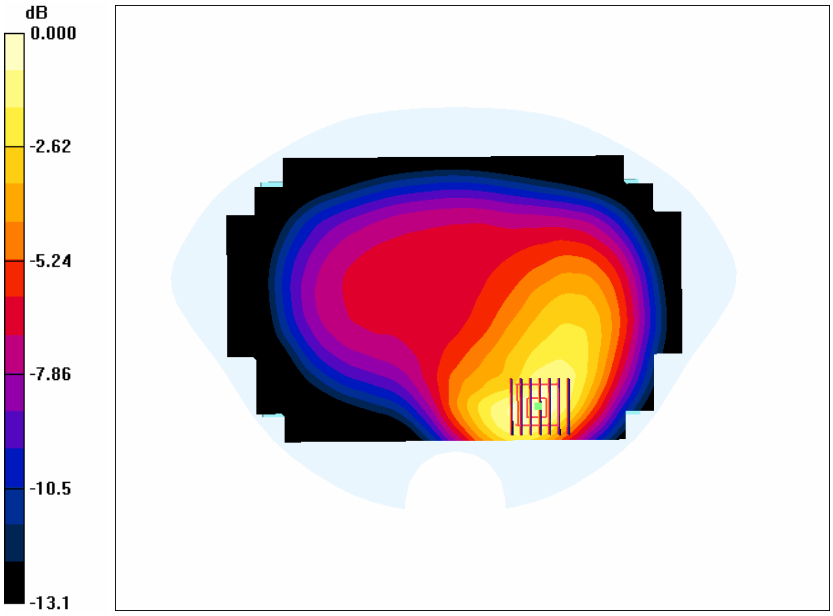
DUT: PT-701; Type: SI PIN; Serial: IMEI Number
Program Name: PT-701

Communication System: GPRS850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used: f = 837 MHz; σ = 0.992 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY4 Configuration:
- Probe: ES3DV3 - SN3898; ConvF(9.63, 9.63, 9.63); Calibrated: 3/10/2014
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 12/18/2013
- Phantom: SAM with TP1432; Type: SAM;
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Side2 1slot/Area Scan (101x181x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.331 mW/g

Side2 1slot/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value =9.34 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.533 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.359 mW/g



0 dB = 0.359mW/g