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LD/SEMC/CCDALE *Kent Lorentzon*

Approved

LD/SEMC/CCDALEC *Peter Lindeborg*

Checked

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Company Internal
REPORT

No.

CCDA09:332.

Date

090630

Rev

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File

Report issued by Accredited SAR Laboratory**for**

FCC ID: PY7A3880037 (Satio U1a)

Date of test: 2009-06-17 – 2009-06-26**Laboratory:** Sony Ericsson SAR Test Laboratory
Sony Ericsson Mobile Communications AB
Nya Vattentornet
SE-221 82 LUND, Sweden**Testing Engineer:** Kent Lorentzon
Kent.Lorentzon@sonyericsson.com
+46 10 80 19043**Testing Approval:** Peter Lindeborg
peter.lindeborg@sonyericsson.com
+46 10 80 24368**Statement of Compliance**

Sony Ericsson Mobile Communications AB declares under its sole responsibility that the product

Sony Ericsson Type: AAD-3880037-BV
FCC ID: PY7A3880037
IC: 4170B-A3880037

to which this declaration relates, is in conformity with the appropriate RF exposure standards recommendations and guidelines. It also declares that the product was tested in accordance with the appropriate measurement standards, guidelines and recommended practices. Any deviations from these standards, guidelines and recommended practices are noted below:

(None)

This laboratory is accredited to ISO/IEC 17025 (SWEDAC accreditation no. 1847).



Laboratories are accredited by the Swedish Board for Accreditation and Conformity Assessment (SWEDAC) under the terms of Swedish legislation. The accredited laboratory activities meet the requirements in SS-EN ISO/IEC 17025 (2005). This report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

The results and statements contained herein relate only to the items tested. The names of individuals involved may be mentioned only in connection with the statements or results from this report.

Sony Ericsson encourages all feedback, both positive and negative, on this report.

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File

Table of contents

1	INTRODUCTION.....	3
2	CUSTOMER DETAILS.....	3
3	DEVICE UNDER TEST.....	3
3.1	ANTENNA DESCRIPTION.....	3
3.2	DEVICE DESCRIPTION	4
3.3	HSPA POWER CHARACTERISTICS	5
4	TEST EQUIPMENT.....	8
4.1	DOSIMETRIC SYSTEM	8
4.2	ADDITIONAL EQUIPMENT	8
5	ELECTRICAL PARAMETERS ON THE TISSUE SIMULATING LIQUID	9
6	SYSTEM ACCURACY VERIFICATION.....	10
7	SAR MEASUREMENT UNCERTAINTY	11
8	TEST RESULTS	12
9	REFERENCES.....	15
	APPENDIX	16
9.1	PHOTOGRAPHS OF THE DEVICE UNDER TEST	16
9.2	DEVICE POSITION AT SAM TWIN PHANTOM	17
9.3	ATTACHMENTS.....	19



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1 Introduction

In this test report, compliance of the Sony Ericsson PY7A3880037 (Satio U1a) portable telephone with RF safety guidelines is demonstrated. The applicable RF safety guidelines and the SAR measurement specifications used for the test are described in the SAR Measurement Specifications of Wireless Handsets [1].

2 Customer details

Company Name:	Sony Ericsson Mobile Communications AB
Address:	Sony Ericsson Mobile Japan Tokyo
Contact Name:	Takashi Izumi

3 Device Under Test

3.1 Antenna Description

Type	Internal antenna	
Location	Bottom of phone	
Main and BT antennas distance	87,5 mm	
Dimensions	Max length	49 mm
	Max width	11 mm
Configuration	Monopole	



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3.2 Device Description

Device model	AAD-3880037-BV					
Market name	Satio U1a					
Serial number (EUT #)	CB5A13VK48 (#15650) CB5A13VK4B (#15653) for WLAN					
Mode	GSM 850			GSM 1900		
Crest factor	8.3			8.3		
Multiple access scheme	TDMA			TDMA		
Channel No.	128	190	251	512	661	885
Measured Power Level [dBm]¹ (#15650)	33.0	33.1	33.2	30.5	30.5	30.5
Product Maximum power Level [dBm]¹	33.2	33.2	33.2	30.5	30.5	30.5
Data mode	GPRS			GPRS		
Crest factor	4.15			4.15		
Measured Power Level [dBm]¹ (#15650)	30.7	30.7	30.5	28.2	28.2	28.1
Product Maximum power Level [dBm]¹	30.7	30.7	30.7	28.2	28.2	28.2
Data mode	EDGE			EDGE		
Crest factor	4.15			4.15		
Measured Power Level [dBm]¹ (#15650)	28.0	28.0	28.0	27.0	27.0	26.9
Product Maximum power Level [dBm]¹	28.0	28.0	28.0	27.0	27.0	27.0
Transmitting frequency range [MHz]	824.0 - 849.0			1850.0 - 1910.0		
Mode	UMTS 2			UMTS 5		
Crest factor	1			1		
Multiple access scheme	WCDMA			WCDMA		
Channel No.	9262	9400	9538	2712	2788	2863
Measured Power Level [dBm]¹ (#15650)	22.9	22.9	22.8	23.6	23.5	23.6
Product Maximum power Level [dBm]¹	23.0	23.0	23.0	23.7	23.7	23.7
Data Mode	(See section 3.3)					
Transmitting frequency range [MHz]	1852.5 - 1907.6			882,4 – 912,6		
GPRS Multislot class	10					
EDGE class	10					
GPRS Capability class	B					
BT class and conducted power	Class 1. 10,0 mW					
Prototype or production unit	Preproduction					
Hardware Version	AP1.2					
Software version	R1BA005					
Device category	Portable					
RF exposure environment	General population / uncontrolled					

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3.3 HSPA Power Characteristics

The conducted power of the device was confirmed in two UMTS circuit switched modes (RMC and Voice) and four HSDPA modes. A CMU-200 was used to establish the call processing and modulation settings and an RF power meter was used for measurement. For all HSDPA measurements, the following settings were applied:

H-SET3 QPSK
 CQI feedback=2msec
 $\Delta\text{ACK} = \Delta\text{NACK} = \Delta\text{CQI} = 8$

The results (including relevant CMU settings) are presented in the following table:

EUT:					1852,4	1880	1907,6	826,4	836,4	846,6
					(Band2)	(Band2)	(Band2)	(Band5)	(Band5)	(Band5)
#15650	βC	βD	ΔHS	max->	Band 2			Band 5		
					23,0	23,0	23,0	23,7	23,7	23,7
CS - RMC	8	15	-		22,9	22,9	22,8	23,6	23,5	23,6
CS - voice	8	15	-		22,9	22,9	22,8	23,6	23,5	23,6
HSDPA - 1	2	15	8		22,9	23,0	22,9	23,6	23,6	23,7
HSDPA - 2	12	15	8		22,8	23,0	23,0	23,4	23,4	23,4
HSDPA - 3	15	8	8		22,2	22,4	22,5	22,6	22,6	22,6
HSDPA - 4	15	4	8		22,2	22,5	22,4	22,6	22,6	22,6

The measured 1-gram averaged SAR values of the device against head and body are provided in tables 3 and 4. For head and body measurement, the unit was measured in the following (CS) voice modes:

RMC=12.2, $\beta\text{c}=8$, $\beta\text{d}=15$

For body measurement, the unit was measured according FCC guidance with following HSDPA settings:

RMC=12.2, $\beta\text{c}=9$, $\beta\text{d}=15$, $\Delta\text{ACK}=5$, $\Delta\text{NACK}=5$, $\Delta\text{CQI}=2$

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In HSUPA mode, additional code channels (E-DPCCH, E-DPDCHn) are added for data transfer in the uplink at higher bit rates.

5 sub-tests are defined by 3GPP TS 34.121 [7] according to the following table:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	$\beta_{hs}^{(1)}$	β_{ec}	β_{ed}	β_{ec} (SF)	β_{ed} (code)	CM (dB) ⁽²⁾	MPR (dB)	AG ⁽⁴⁾ Index	E-TFC I
1	11/15 ⁽³⁾	15/15 ⁽³⁾	64	11/15 ⁽³⁾	22/15	209/225	1039/225	4	1	0.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	1.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	$\beta_{ed1}:47/15$ $\beta_{ed2}:47/15$	4	2	1.5	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	1.5	2.0	17	71
5	15/15 ⁽⁴⁾	15/15 ⁽⁴⁾	64	15/15 ⁽⁴⁾	30/15	24/15	134/15	4	1	1.5	0.0	21	81

Note 1: $\Delta_{ACK}, \Delta_{NACK}, \Delta_{CQI} = 8 \iff A_{HS} = \beta_{HS}/\beta_c = 30/15 \iff \beta_{HS} = 30/15 * \beta_c$
 Note 2: CM = 1 for $\beta_c/\beta_d = 12/15, \beta_{HS}/\beta_c = 24/15$. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference
 Note 3: For sub-test 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 10/15$ and $\beta_d = 15/15$
 Note 4: For sub-test 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$
 Note 5: Testing UE using E-DPDCH Physical Layer category 1 sub-test 3 is not required according to TS 25.306 Table 5.1g
 Note 6: β_{ed} cannot be set directly; it is set by Absolute Grant Value

EUT:		1852,4 (Band2)	1880 (Band2)	1907,6 (Band2)	826,4 (Band5)	836,4 (Band5)	846,6 (Band5)
#15650		Band 2			Band 5		
	max->	23,0	23,0	23,0	23,7	23,7	23,7
HSUPA - Sub-test 1		22,9	23,0	23,0	23,4	23,5	23,5
HSUPA - Sub-test 2		20,3	20,4	20,5	20,8	20,9	20,8
HSUPA - Sub-test 3		21,7	21,9	21,9	22,3	22,4	22,4
HSUPA - Sub-test 4		20,1	20,3	20,5	20,8	20,8	20,7
HSUPA - Sub-test 5		22,8	23,0	22,9	23,4	23,5	23,4

NOTE: None of the HSDPA/HSUPA settings leads to conducted power values exceeding the conducted power in RMC mode by more than 0.25 dB.
 So no additional SAR measurements are required for those test modes.

NOTE: According to the subtest settings shown in Table above a Maximum Power Reduction (MPR) of up to 2dB can be expected in HSUPA subtest 2 - 4. The WCDMA measurement results may show a lower power reduction depending on the chipset features of the DUT.



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WLAN Output Power					
Mode	Max Output Power ¹ (dBm)	Factory Tolerance ¹ (dB)	EUT (#15653) power (dBm) ¹		
			Ch 1	Ch6	Ch 11
802.11b 1Mbit/sec	19.0	1	18,8	18,7	19,1
802.11b 2Mbit/sec			18,5	18,6	18,8
802.11b 5.5Mbit/sec			18,5	18,6	18,7
802.11b 11Mbit/sec			18,5	18,6	18,7
802.11g 6Mbit/sec	15.0	1	14,8	14,7	14,8
802.11g 9Mbit/sec			14,8	14,7	14,7
802.11g 12Mbit/sec	15.0	1	14,8	14,7	14,7
802.11g 18Mbit/sec			14,8	14,8	14,7
802.11g 24Mbit/sec	15.0	1	14,9	14,7	14,8
802.11g 36Mbit/sec			14,7	14,7	14,8
802.11g 48Mbit/sec	15.0	1	14,7	14,6	14,8
802.11g 54Mbit/sec			14,8	14,6	14,8

¹ Measured output values were provided by the customer.

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File

4 Test equipment

4.1 Dosimetric system

SAR measurements were made using the DASY4 professional system (software version 4.7, Build 71) with SAM twin phantom, manufactured by Schmid & Partner Engineering AG (SPEAG). The list of calibrated equipment is given below.

Description	Serial Number	Due Date
DASY4 DAE3	433	2010-01
DASY4 DAE3	428	2010-01
E-field probe ES3DV3	3062	2010-01
E-field probe ET3DV6	1569	2010-01
Dipole Validation Kit, D835V2	4d039	2010-01
Dipole Validation Kit, D1900V2	5d002	2011-01
Dipole Validation Kit, D2450V2	745	2011-03

4.2 Additional equipment

Description	Inventory Number	Due Date
Signal generator R&S SML 03	20007666	2010-03
Directional coupler	S/N: 063	2010-03
Power meter R&S NRVD	483920	2010-03
Power sensor R&S NRV-Z5	2333	2010-03
Power sensor R&S NRV-Z5	2334	2010-03
Network analyzer HP 8753 C	421671	2010-03
Dielectric probe kit HP85070 D	20000053	Self Cal
R&S CMU200	S/N: 837024/091	2010-03

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090630

Rev

A

Reference

File

5 Electrical parameters on the tissue simulating liquid

Prior to conducting SAR measurements, the relative permittivity, ϵ_r , and the conductivity σ , of the tissue simulating liquids were measured with the dielectric probe kit. These values are shown in the table below. The mass density, ρ , entered into the DASY4 software is also given. Recommended limits for permittivity ϵ_r , conductivity σ and mass density ρ are also shown.

f [MHz]	Tissue type	Measured / Recommended	Dielectric Parameters		Density
			ϵ_r	σ [S/m]	ρ [g/cm ³]
835	Head	Measured, 2009-06-17	42.09	0.89	1.00
		Recommended	41.50	0.90	1.00
835	Body	Measured, 2009-06-26	52.79	0.97	1.00
		Recommended	55.20	0.97	1.00
1900	Head	Measured, 2009-06-23	38.12	1.47	1.00
		Recommended	40.00	1.40	1.00
1900	Body	Measured, 2009-06-25	53.04	1.55	1.00
		Recommended	53.30	1.52	1.00
2450	Head	Measured, 2009-06-25	38.80	1.89	1.00
		Recommended	39.20	1.80	1.00
2450	Body	Measured, 2009-06-26	50.60	1.92	1.00
		Recommended	52.70	1.95	1.00

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A

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File

6 System accuracy verification

A system accuracy verification of the DASY4 was performed using the dipole validation kit listed in section 4.1. The system verification test was conducted on the same day as the measurement of the DUT. The ambient humidity and temperature of test facility were kept between the range 30-70% and 20.0-25.0 °C respectively. RF noise has been measured in liquid when all RF equipment in lab was switched off. Measured value was 0.0002 mW/g in 1g mass.

f [MHz]	Tissue type	Measured / Reference	SAR [W/kg] 1g	Dielectric Parameters		Density	Liquid T[°C]
				ϵ_r	σ [S/m]	ρ [g/cm ³]	
835	Head	Measured, 2009-06-17	10.1	42.09	0.89	1.00	21.9
		Reference	9.68	41.50	0.90	1.00	22.0
835	Body	Measured, 2009-06-26	10.30	52.79	0.97	1.00	22.9
		Reference	9.41	55.20	0.97	1.00	22.0
1900	Head	Measured, 2009-06-23	42.80	38.12	1.47	1.00	21.4
		Reference	39.90	40.00	1.40	1.00	22.0
1900	Body	Measured, 2009-06-25	40.60	53.04	1.55	1.00	22.2
		Reference	41.50	53.30	1.52	1.00	22.0
2450	Head	Measured, 2009-06-25	55.90	38.80	1.89	1.00	22.5
		Reference	52.90	39.20	1.80	1.00	22.0
2450	Body	Measured, 2009-06-26	56.30	50.60	1.92	1.00	22.6
		Reference	53.40	52.70	1.95	1.00	22.0

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7 SAR measurement uncertainty

SAR measurement uncertainty evaluation for Sony Ericsson PY7A3880037 (Satio U1a) phone According to IEEE 1528

Uncertainty Component	Uncer. (%)	Prob Dist.	Div.	C _i	1g mass
Measurement System					
Probe Calibration	±5.9	N	1	1	±5.9
Axial Isotropy	±4.7	R	√3	0.7	±1.9
Spherical Isotropy	±9.6	R	√3	0.7	±3.9
Boundary effect	±1.0	R	√3	1	±0.6
Probe linearity	±4.7	R	√3	1	±2.7
Detection limit	±1.0	R	√3	1	±0.6
Readout electronics	±0.3	N	1	1	±0.3
Response time	±0.8	R	√3	1	±0.5
Integration time	±2.6	R	√3	1	±1.5
RF Ambient Conditions	±3.0	R	√3	1	±1.7
Mech. Constraints of robot	±0.4	R	√3	1	±0.2
Probe positioning	±2.9	R	√3	1	±1.7
Extrap, interpolation and integration	±1.0	R	√3	1	±0.6
Measurement System Uncertainty					±8.4
Test Sample Related					
Device positioning	±3.5	N	1	1	±3.5
Device holder uncertainty	±3.5	N	1	1	±3.5
Power drift	±5.0	R	√3	1	±2.9
Test Sample Related Uncertainty					±5.5
Phantom and Tissue Parameters					
Phantom uncertainty	±4.0	R	√3	1	±2.3
Liquid conductivity (measured)	±2.5	R	1	0.64	±1.6
Liquid conductivity (target)	±5.0	R	√3	0.64	±1.8
Liquid Permittivity (measured)	±2.5	R	1	0.6	±1.5
Liquid Permittivity (target)	±5.0	R	√3	0.6	±1.7
Phantom and Tissue Parameters Uncertainty					±4.1
Combined standard uncertainty					±10.8
Extended standard uncertainty (k=2)					±21.6



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8 Test results

The ambient humidity and temperature of test facility were kept between the range 30-70% and 20.0-25.0 °C respectively. A base station simulator was used to control the device during the SAR measurement. The DUT was supplied with a fully charged battery for each measurement.

For head measurement, the DUT was tested on the right-hand side and the left-hand side of the phantom in two phone positions, cheek (touch) and tilt (cheek + 15°). The DUT was tested at the lowest, middle and highest frequencies in the transmission band. The measured 1-gram averaged SAR values of the DUT towards the head are provided in Table 1.

For body measurement the DUT was tested with the back (antenna) and front(display) towards the phantom flat section with 15 mm distance in both speech and data mode. For all modes, the device was tested at the lowest, middle and highest frequencies in the transmission band. For portable hands free (PHF) usage the Sony Ericsson head set HPB-60 was connected to the DUT. The measured 1-gram averaged SAR values of the DUT towards the body are provided in Table 2.



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Band	Channel	Measured output power ¹ [dBm]	Position	Liquid T [°C]	Measured SAR [W/kg]	
					Left-hand 1g mass	Right-hand 1g mass
GSM 850	128	33,0	Cheek	21,9	0,52	0,57
			Tilt	21,9	-	-
	190	33,1	Cheek	21,9	0,74	0,85
			Tilt	21,9	0,41	0,44
251	33,2	Cheek	21,9	0,94	1,07	
		Tilt	21,9	-	-	
GSM 1900	512	30,5	Cheek	21,4	0,64	0,86
			Tilt	21,4	-	-
	661	30,5	Cheek	21,4	0,80	0,99
			Tilt	21,4	0,27	0,36
810	30,5	Cheek	21,4	1,01	1,22	
		Tilt	21,4	-	-	
UMTS 2	9262	22,9	Cheek	21,4	1,01	1,31
			Tilt	21,4	-	-
	9400	22,9	Cheek	21,4	1,04	1,29
			Tilt	21,4	0,36	0,48
9538	22,8	Cheek	21,4	1,12	1,25	
		Tilt	21,4	-	-	
UMTS 5	4132	23,6	Cheek	21,9	0,54	0,60
			Tilt	21,9	-	-
	4183	23,5	Cheek	21,9	0,76	0,87
			Tilt	21,9	0,44	0,47
4233	23,6	Cheek	21,9	0,68	0,75	
		Tilt	21,9	-	-	
WLAN	1	18,8	Cheek	22,5	0,28	0,32
			Tilt	22,5	-	-
	6	18,7	Cheek	22,5	0,29	0,39
			Tilt	22,5	0,25	0,26
11	19,1	Cheek	22,5	0,39	0,44	
		Tilt	22,5	-	-	

Table 1: SAR measurement results for Sony Ericsson PY7A3880037 telephone at highest possible output power. Measured towards the head.

¹ Measured output values were provided by the customer.



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File

Band	Channel	Measured output power ¹ [dBm]	Position / Mode	Liquid T [°C]	Measured SAR [W/kg] 1g mass
GSM 850	128	33,0	Back / CS	22,9	0,60
		30,7	Back / GPRS	22,9	0,84
		33,0	Back / PHF	22,9	0,57
	190	33,1	Back / CS	22,9	0,86
		30,7	Back / GPRS	22,9	1,18
		33,2	Back / CS	22,9	1,09
	251	28,0	Back / EGPRS	22,9	0,84
		30,5	Front / GPRS	22,9	0,92
		30,5	Back / GPRS	22,9	1,41
GSM 1900	512	30,5	Back / CS	22,2	0,48
		28,2	Back / GPRS	22,2	0,51
		30,5	Back / CS	22,2	0,65
	661	28,2	Back / GPRS	22,2	0,73
		30,5	Back / CS	22,2	0,75
		28,1	Back / GPRS	22,2	0,88
	810	30,5	Back / PHF	22,2	0,57
		26,9	Back / EGPRS	22,2	0,69
		28,1	Front / GPRS	22,2	0,75
UMTS B2	9262	22,9	Back / CS	22,2	0,74
		22,9	Back / PHF	22,2	0,51
	9400	22,9	Back / CS	22,2	0,82
		22,8	Back / CS	22,2	0,87
	9538	22,8	Front / CS	22,2	0,76
UMTS B5	4132	23,6	Back / CS	22,9	0,59
		23,6	Back / PHF	22,9	0,57
	4183	23,5	Back / CS	22,9	0,82
		23,5	Front / CS	22,9	0,64
	4233	23,6	Back / CS	22,9	0,78
WLAN	1	18,8	Back / CS	22,6	0,10
		18,8	Back / PHF	22,6	0,11
	6	18,7	Back / PHF	22,6	0,18
		11	19,1	Back / PHF	22,6

Table 2: SAR measurement result for Sony Ericsson PY7A3880037 telephone at highest possible output power. Measured towards the body.

¹ Measured output values were provided by the customer.

**Company Internal
REPORT**

Prepared (also subject responsible if other)

LD/SEMC/CCDALE *Kent Lorentzon*

Approved

LD/SEMC/CCDALEC *Peter Lindeborg*

Checked

PL

No.

CCDA09:332.

Date

090630

Rev

A

Reference

File

9 References

- [1] R.Plicanic. "SAR Measurement Specification of Wireless Handsets". Sony Ericsson SAR Test Laboratory internal document GUG/N 03:141
- [2] FCC. "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields: Additional Information for Evaluating Compliance of Mobile and Portable Devices with FCC Limits for Human Exposure to Radio Frequency Emissions." Supplement C (Edition 01-01) to OET Bulletin 65 (Edition 97- 01).
- [3] IEEE. "Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques." Std 1528-2003. June. 2003.
- [4] IEC 62209-1. "Procedure to measure the Specific Absorption Rate (SAR) for hand-held mobile wireless devices in the frequency range of 300 MHz to 3 GHz". February 2005.
- [5] FCC KDB248227. "SAR measurement procedure for 802.11 a/b/g Transmitters", May 2007.
- [6] FCC KDB648474. "SAR Evaluation Consideration for HANDSETS with Multiple Transmitters and Antenna", April 2008.
- [7] 3GPP TS 34.121 Universal Mobile Telecommunications System (UMTS); Terminal Conformance Specification, Radio Transmission and Reception (FDD).

Prepared (also subject responsible if other)

LD/SEMC/CCDALE *Kent Lorentzon*

Approved

LD/SEMC/CCDALEC *Peter Lindeborg*

Checked

PL

No.

CCDA09:332.

Date

090630

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Appendix

9.1 Photographs of the device under test



Front



Sides



Back side with battery



Back

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9.2 Device position at SAM Twin Phantom



DUT position towards the head: Cheek (touch) position



DUT position towards the head: Tilt (touch + 15°) position

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LD/SEMC/CCDALEC *Peter Lindeborg*

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DUT in body position with 15 mm distance

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PL

No.

CCDA09:332.

Date

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Rev

A

Reference

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9.3 Attachments

- System validation
- Measurement plots for head and body position
- Probe calibration
- Dipole calibration

Date/Time: 2009-06-17 09:44:48

Test Laboratory: Sony Ericsson Mobile Communications AB

System Performance Check 835MHz Head 090617**DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4d039**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.892 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

835 MHz Dipole/Area Scan (61x171x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.09 mW/g

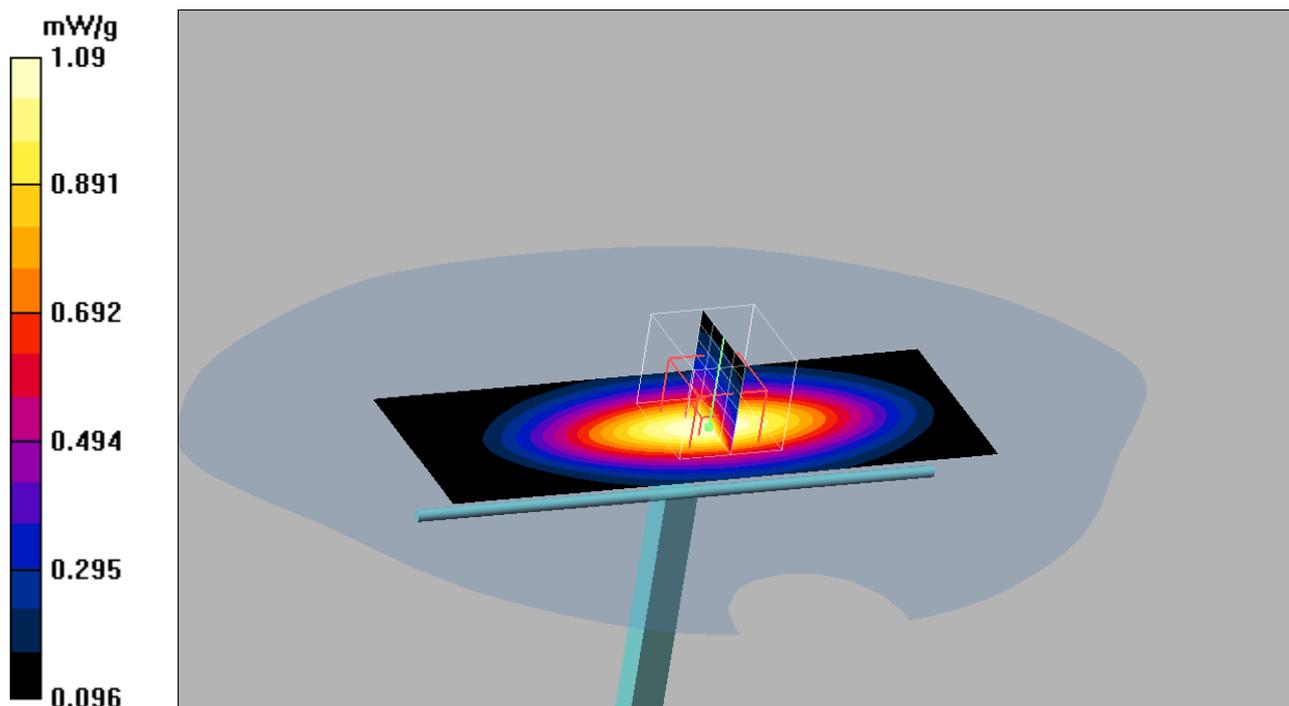
835 MHz Dipole/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.4 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.661 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



Date/Time: 2009-06-26 07:08:59

Test Laboratory: Sony Ericsson Mobile Communications AB

System Performance Check 835MHz Body 090626**DUT: Dipole 835 MHz; Type: D835V2; Serial: SN:4d039**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.968 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

835 MHz Dipole/Area Scan (61x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.13 mW/g

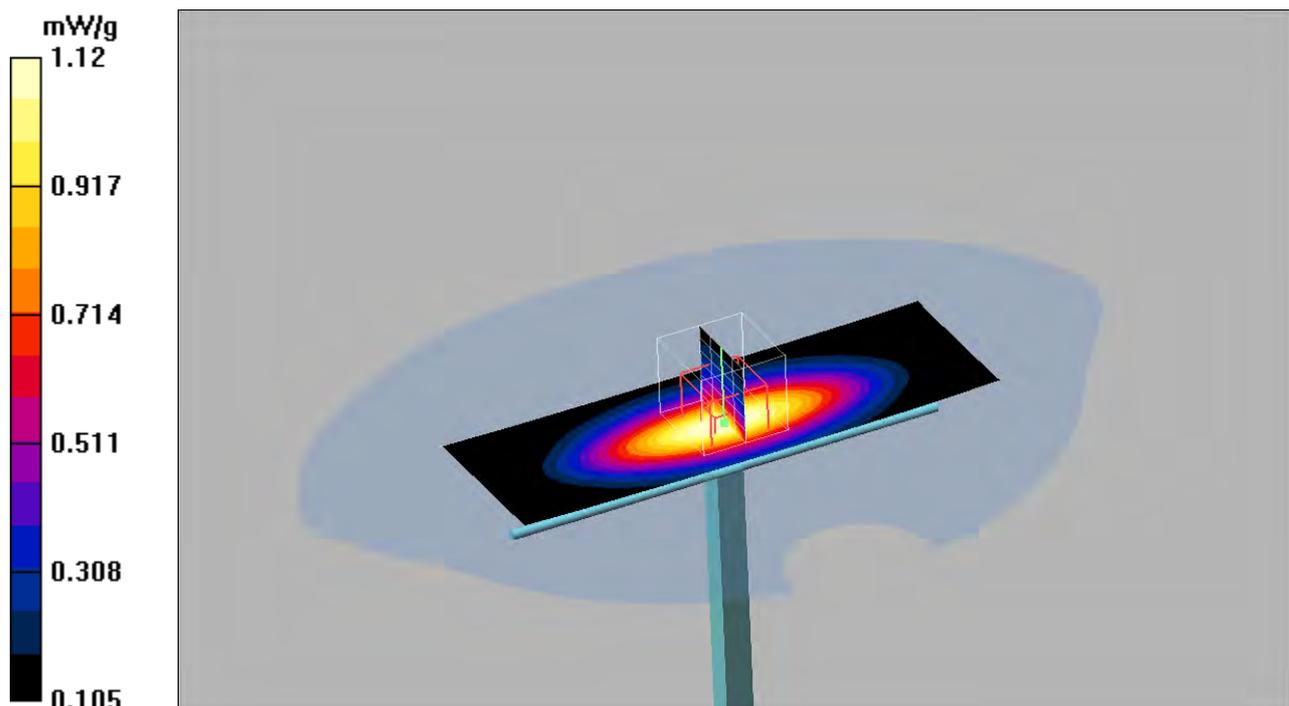
835 MHz Dipole/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 33.7 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.680 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



Date/Time: 2009-06-23 08:15:15

Test Laboratory: Sony Ericsson Mobile Communications AB

System Performance Check 1900MHz Head 090623**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN:5d002**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 38.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

1900 MHz Dipole/Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.91 mW/g

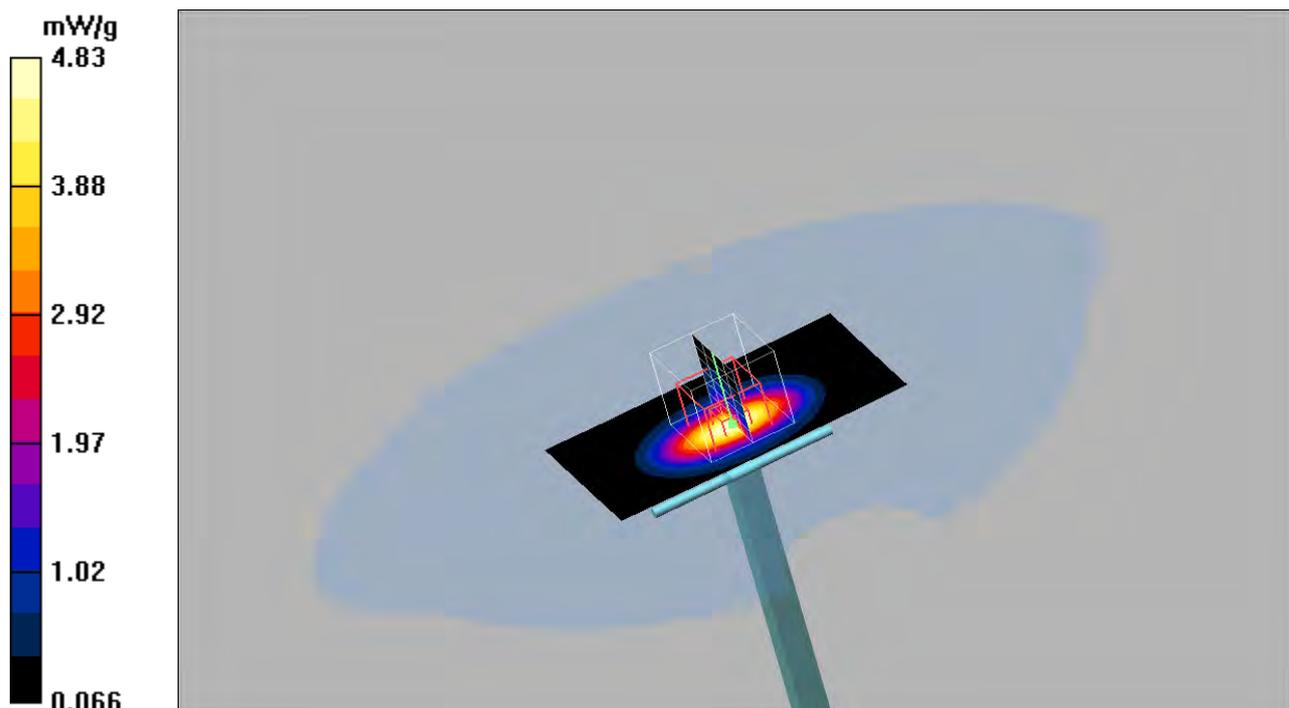
1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.2 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 8.08 W/kg

SAR(1 g) = 4.28 mW/g; SAR(10 g) = 2.19 mW/g

Maximum value of SAR (measured) = 4.83 mW/g



Date/Time: 2009-06-25 07:48:41

Test Laboratory: Sony Ericsson Mobile Communications AB

System Performance Check 1900MHz Body 090625**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN:5d002**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

1900 MHz Dipole/Area Scan (61x111x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.76 mW/g

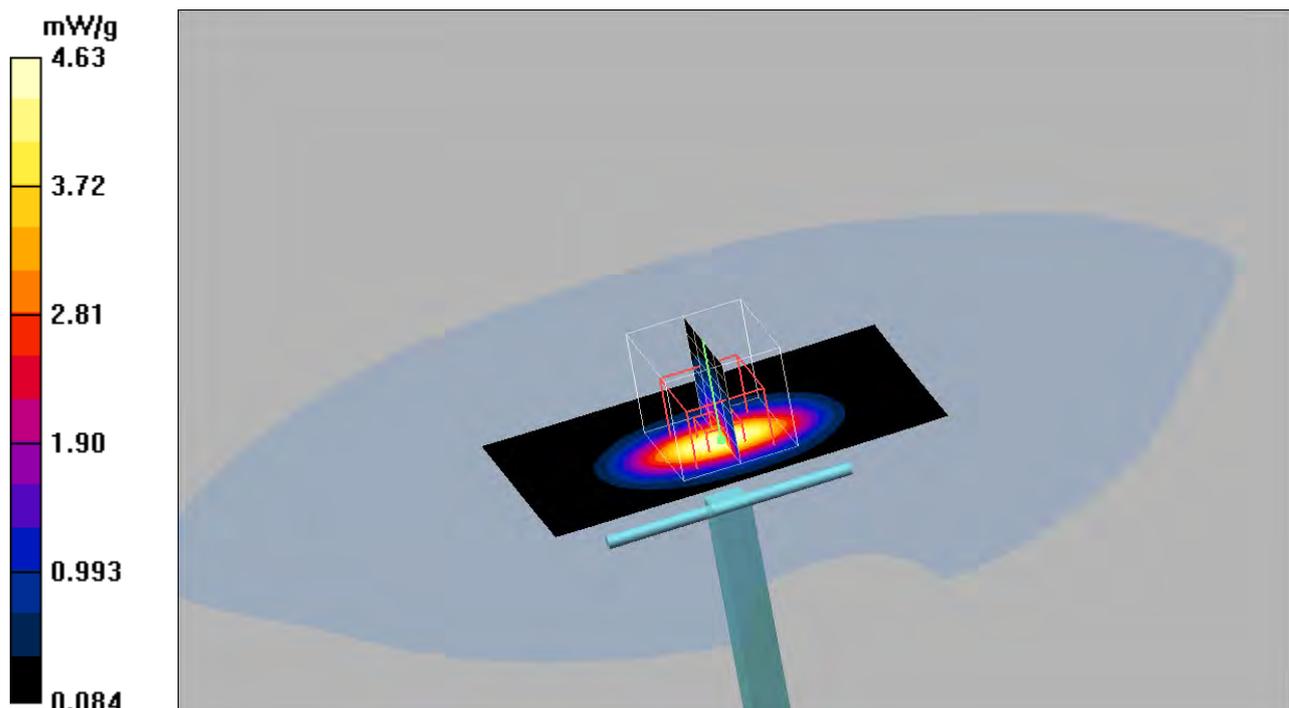
1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 51.0 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 7.01 W/kg

SAR(1 g) = 4.06 mW/g; SAR(10 g) = 2.13 mW/g

Maximum value of SAR (measured) = 4.63 mW/g



Date/Time: 2009-06-25 11:31:38

Test Laboratory: Sony Ericsson Mobile Communications

System Performance Check_2450MHz_Head_090625**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: SN:745**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.32, 4.32, 4.32); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

P=100mW, 10mm distance/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 6.19 mW/g

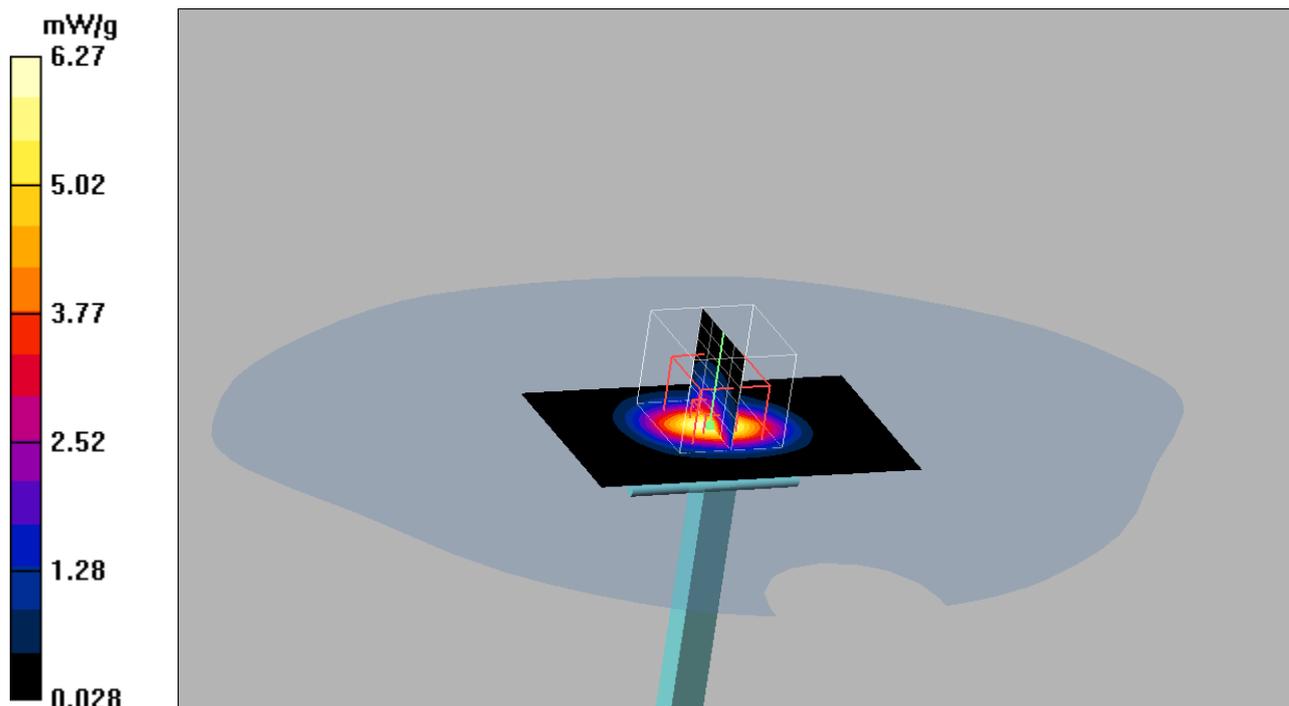
P=100mW, 10mm distance/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.9 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 12.4 W/kg

SAR(1 g) = 5.59 mW/g; SAR(10 g) = 2.54 mW/g

Maximum value of SAR (measured) = 6.27 mW/g



Date/Time: 2009-06-26 13:50:35

Test Laboratory: Sony Ericsson Mobile Communications

System Performance Check_2450MHz_Body_090626**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: SN:745**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(3.86, 3.86, 3.86); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

P=100mW, 10mm distance/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 6.43 mW/g

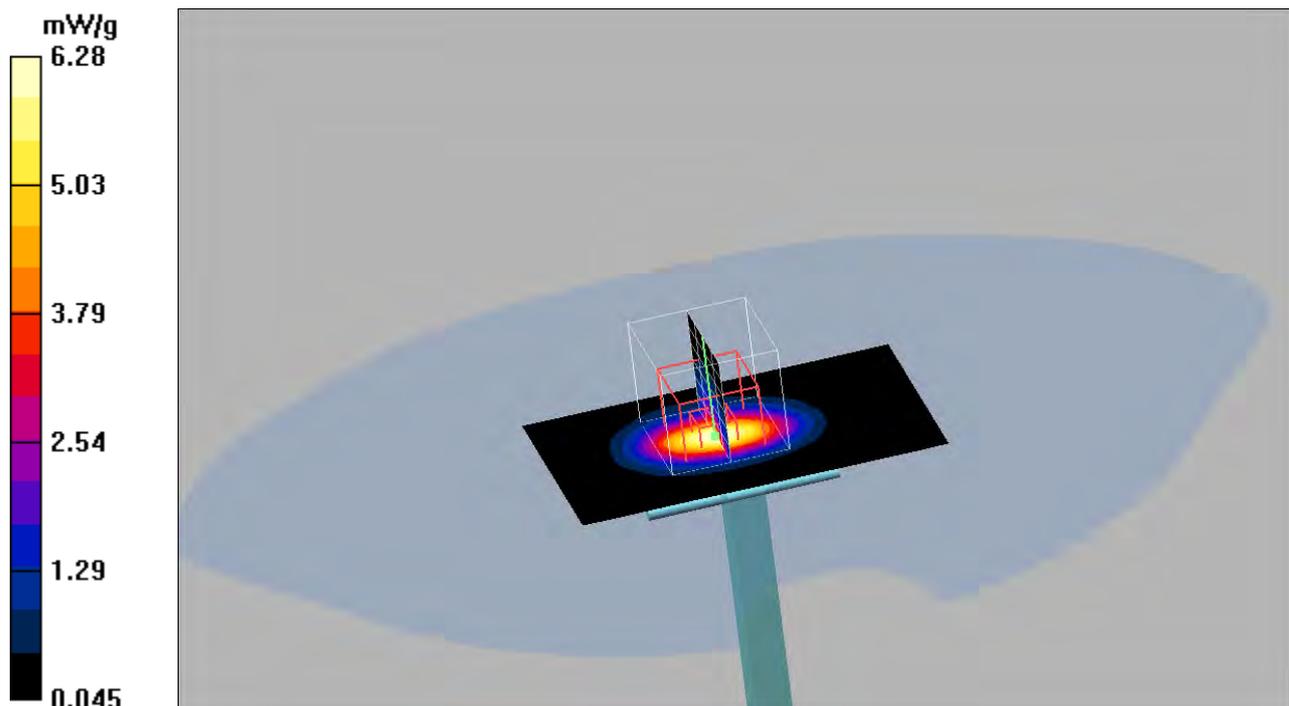
P=100mW, 10mm distance/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.5 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 12.7 W/kg

SAR(1 g) = 5.63 mW/g; SAR(10 g) = 2.6 mW/g

Maximum value of SAR (measured) = 6.28 mW/g



Date/Time: 2009-06-17 11:26:54

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Cheek GSM850 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

High Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.02 mW/g

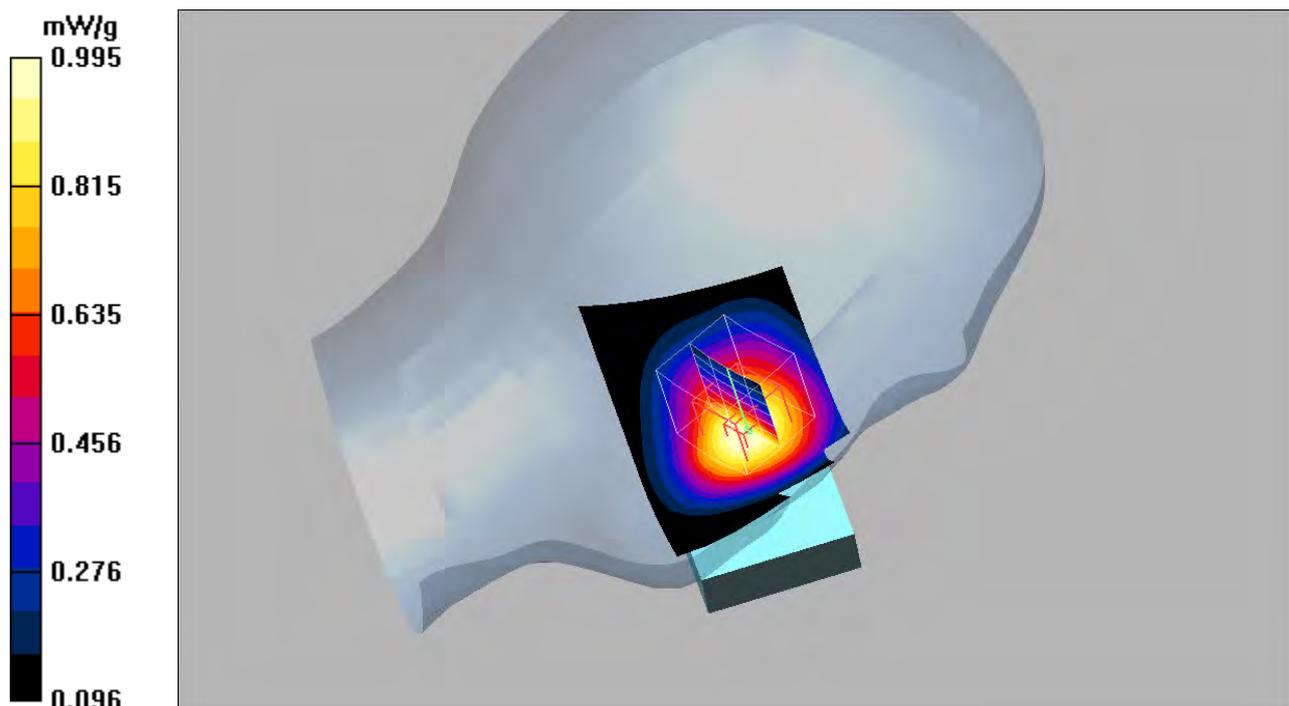
High Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.684 mW/g

Maximum value of SAR (measured) = 0.995 mW/g



Date/Time: 2009-06-17 10:50:03

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Tilt GSM850 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.443 mW/g

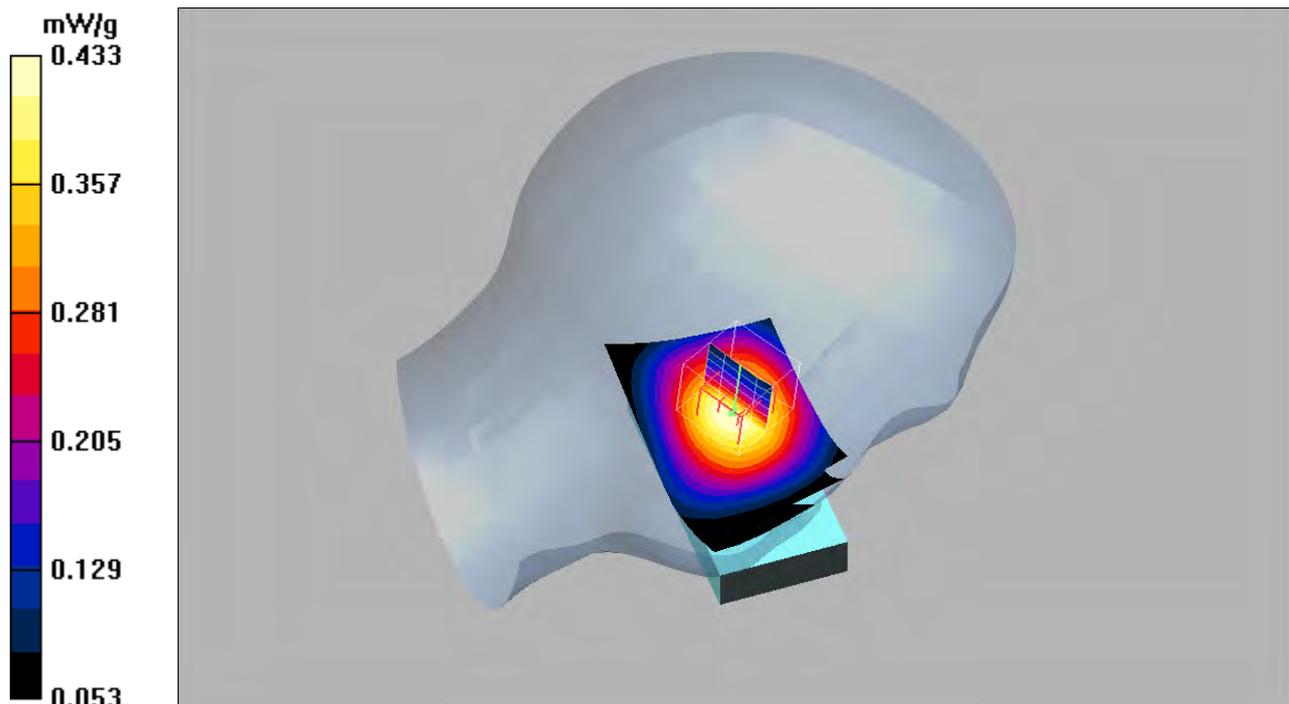
Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 0.433 mW/g



Date/Time: 2009-06-17 13:03:47

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Cheek GSM850 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.903$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

High Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.17 mW/g

High Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.96 V/m; Power Drift = 0.077 dB

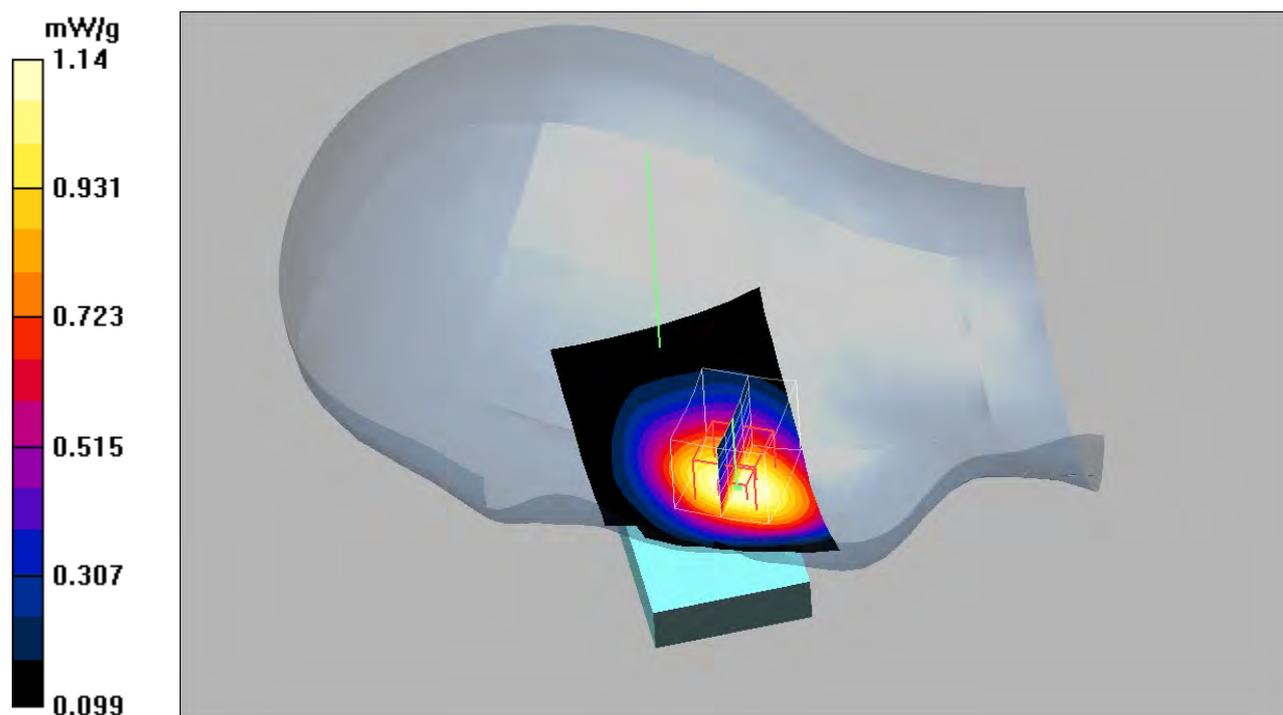
Peak SAR (extrapolated) = 1.38 W/kg

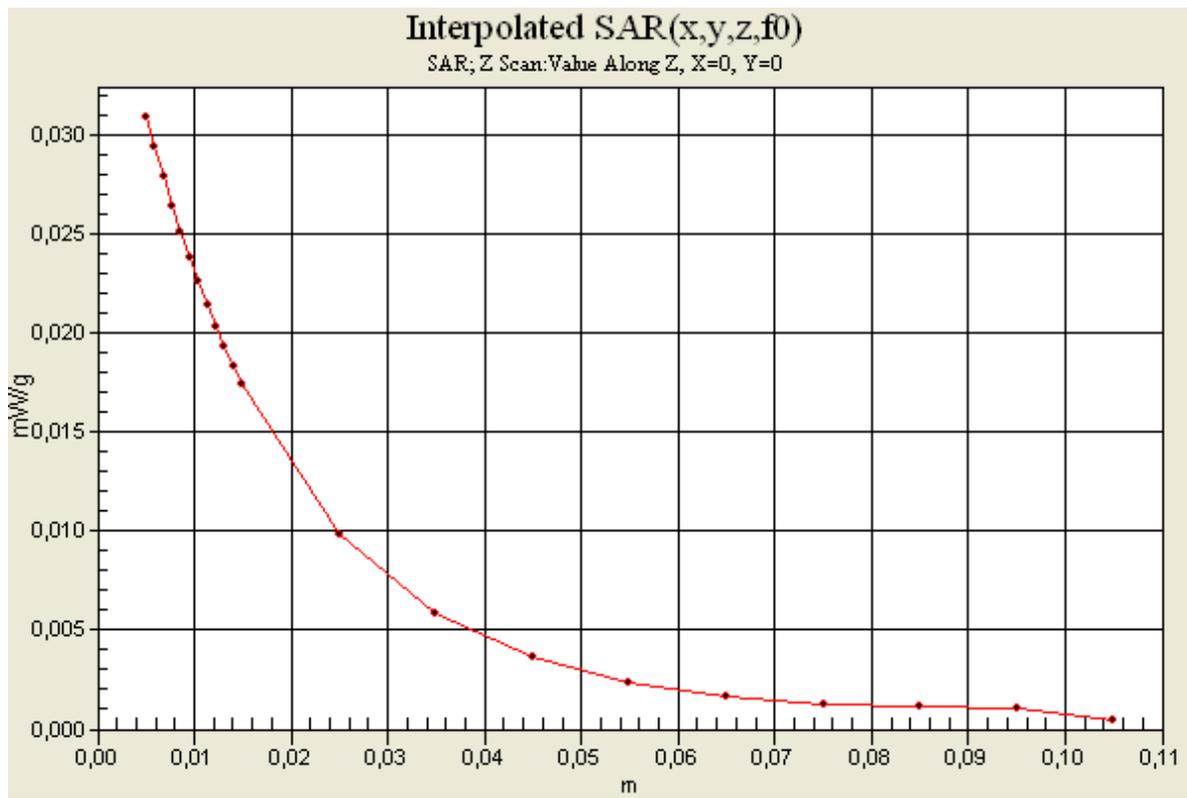
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.778 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

High Cheek/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.031 mW/g





Date/Time: 2009-06-17 12:06:32

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Tilt GSM850 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.468 mW/g

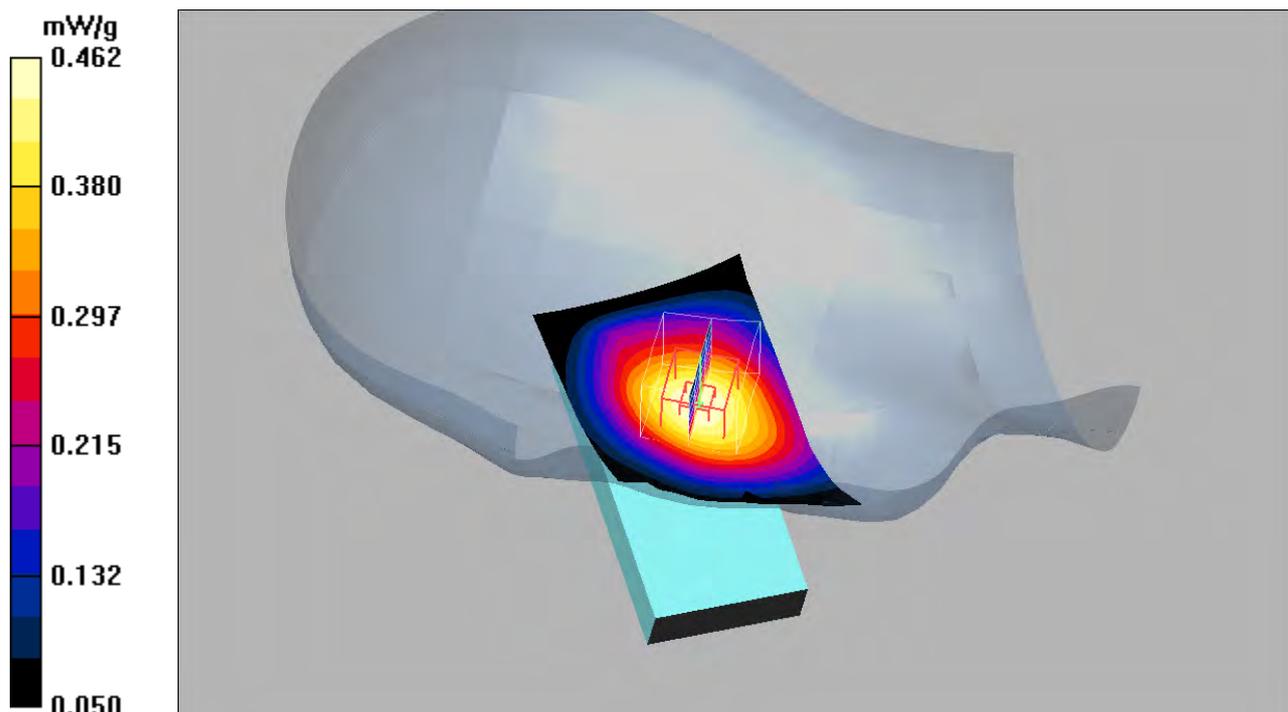
Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.462 mW/g



Date/Time: 2009-06-26 08:12:39

Test Laboratory: Sony Ericsson Mobile Communications AB

Body GPRS 2TS GSM835 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM850 GPRS2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, GPRS 2TS, High/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.48 mW/g

Body, GPRS 2TS, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.014 dB

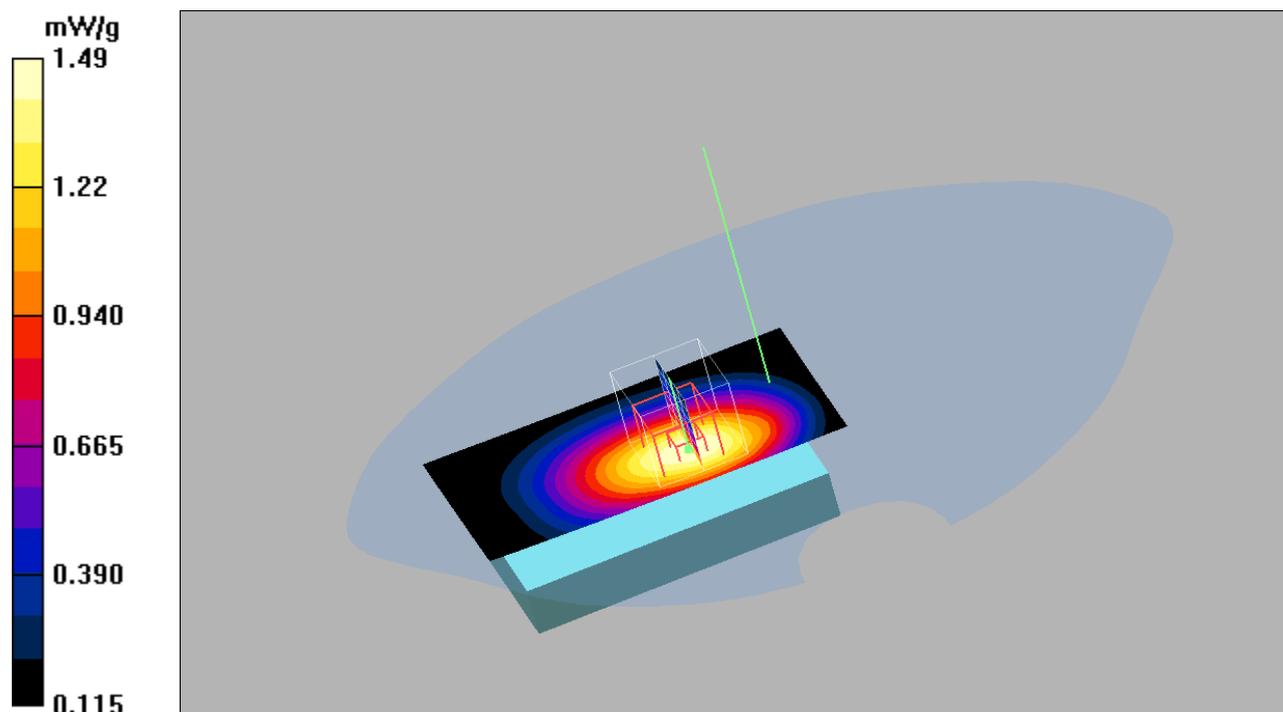
Peak SAR (extrapolated) = 1.85 W/kg

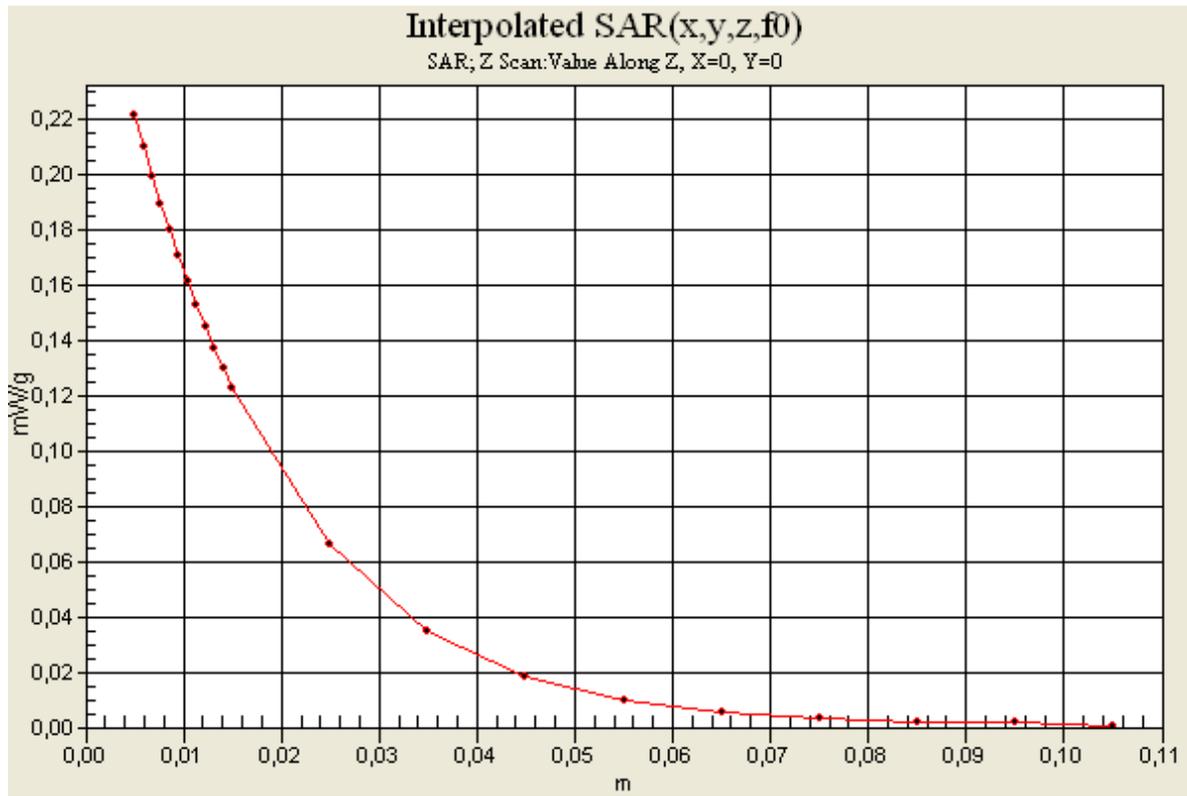
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 1.01 mW/g

Maximum value of SAR (measured) = 1.49 mW/g

Body, GPRS 2TS, High/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.222 mW/g





Date/Time: 2009-06-26 08:50:11

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Front GPRS 2TS GSM835 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM850 GPRS2TX; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, GPRS 2TS, High Front/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.971 mW/g

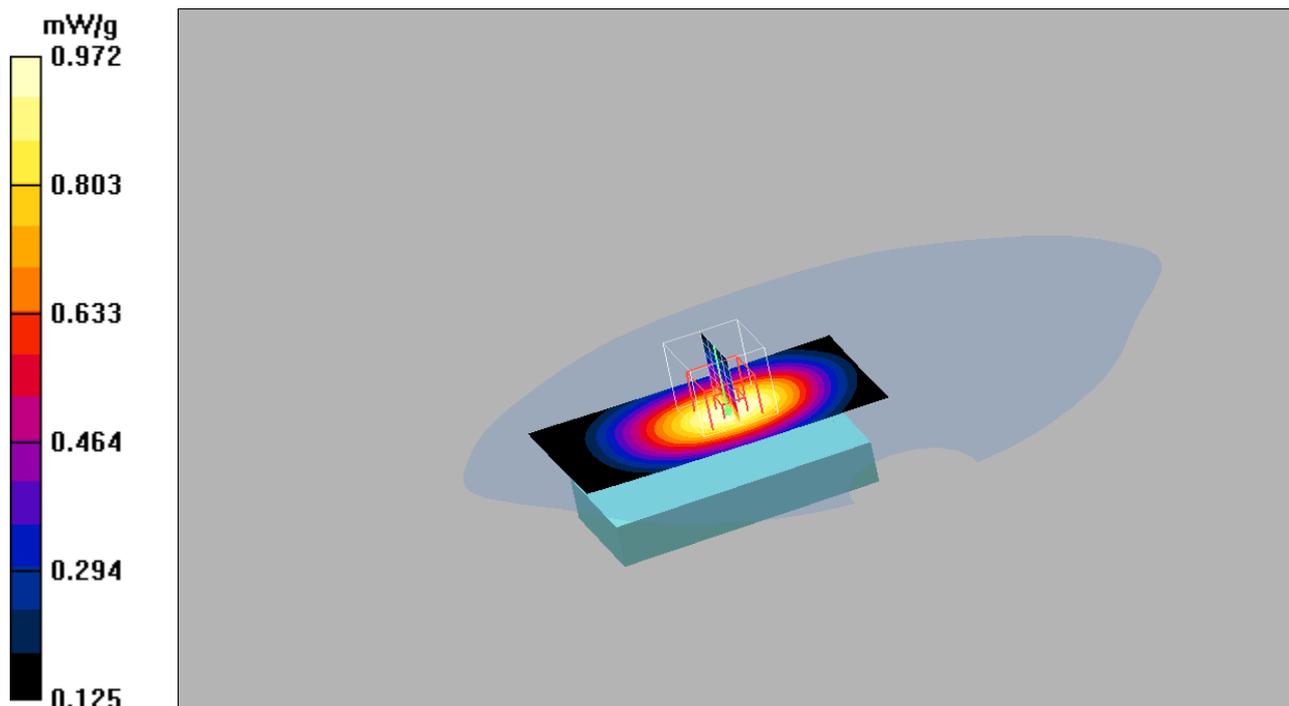
Body, GPRS 2TS, High Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.678 mW/g

Maximum value of SAR (measured) = 0.972 mW/g



Date/Time: 2009-06-26 09:40:53

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech PHF GSM850 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 825$ MHz; $\sigma = 0.958$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech PHF, Low/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.606 mW/g

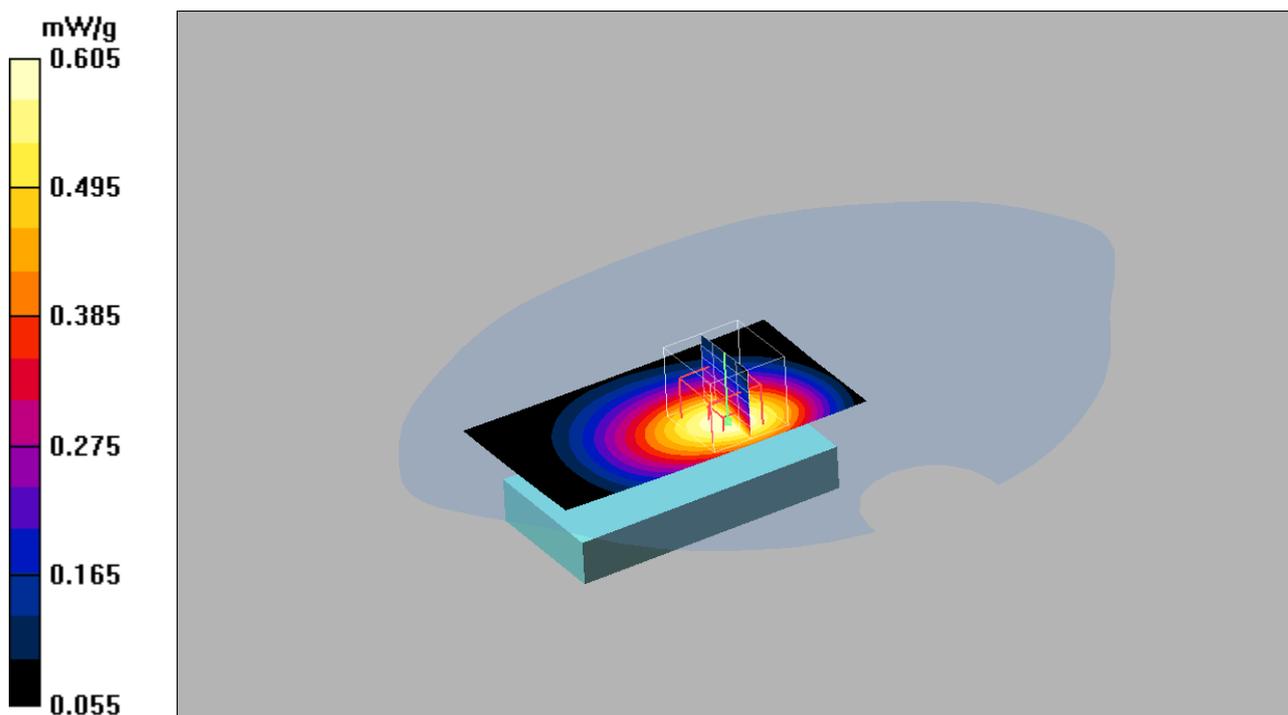
Body, Speech PHF, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.605 mW/g



Date/Time: 2009-06-26 10:32:33

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech BT GSM850 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech BT, High/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.16 mW/g

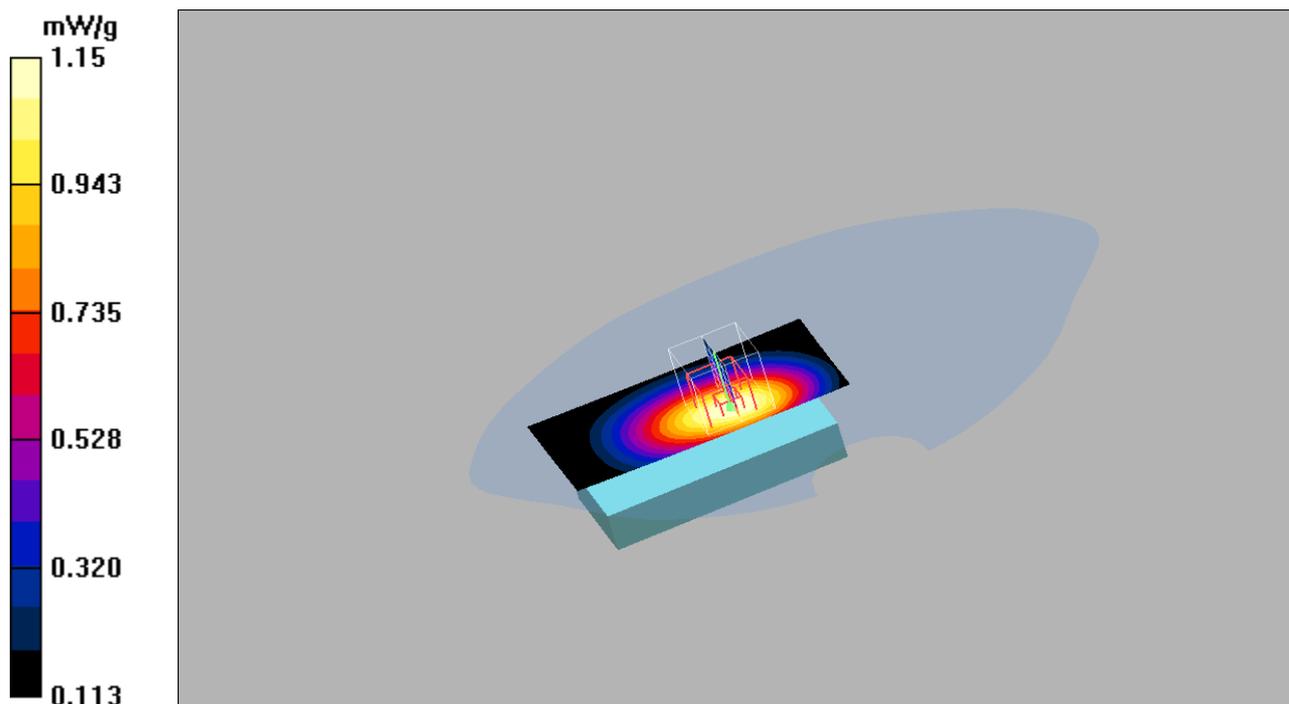
Body, Speech BT, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.786 mW/g

Maximum value of SAR (measured) = 1.15 mW/g



Date/Time: 2009-06-23 09:43:50

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Cheek GSM1900 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Left High Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.13 mW/g

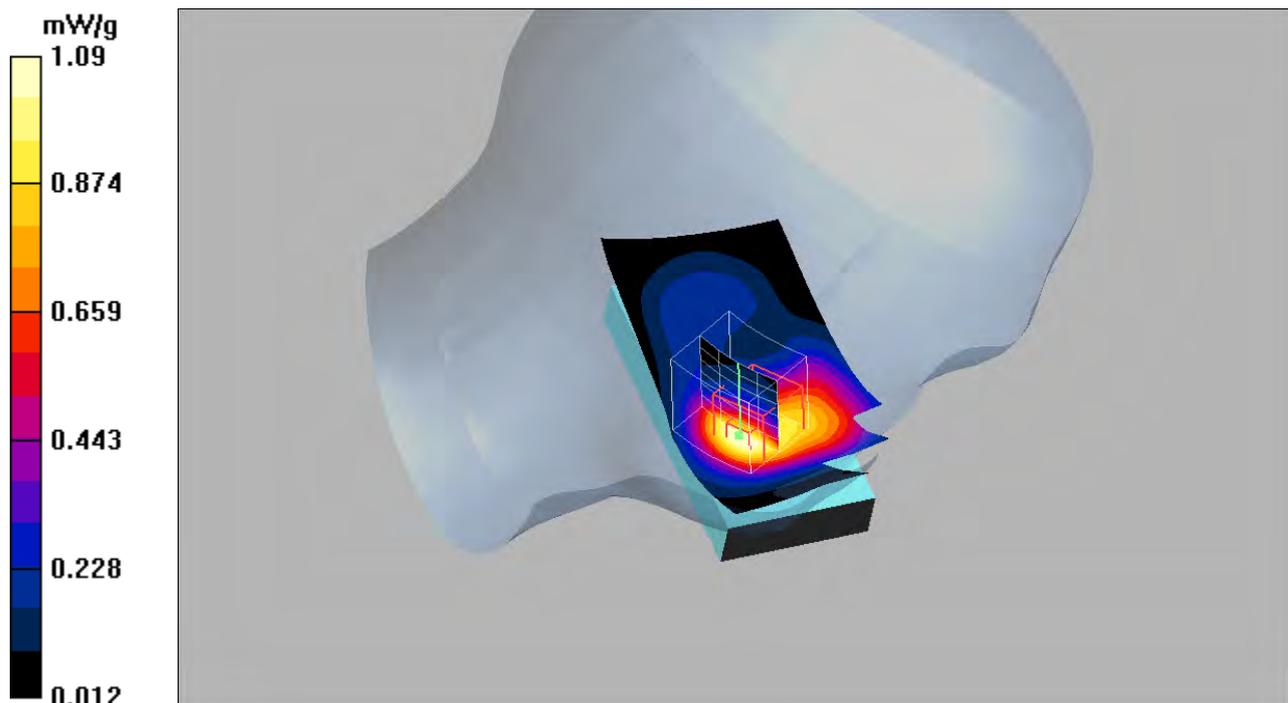
Left High Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 1.09 mW/g



Date/Time: 2009-06-23 09:07:19

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Tilt GSM1900 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Left Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.294 mW/g

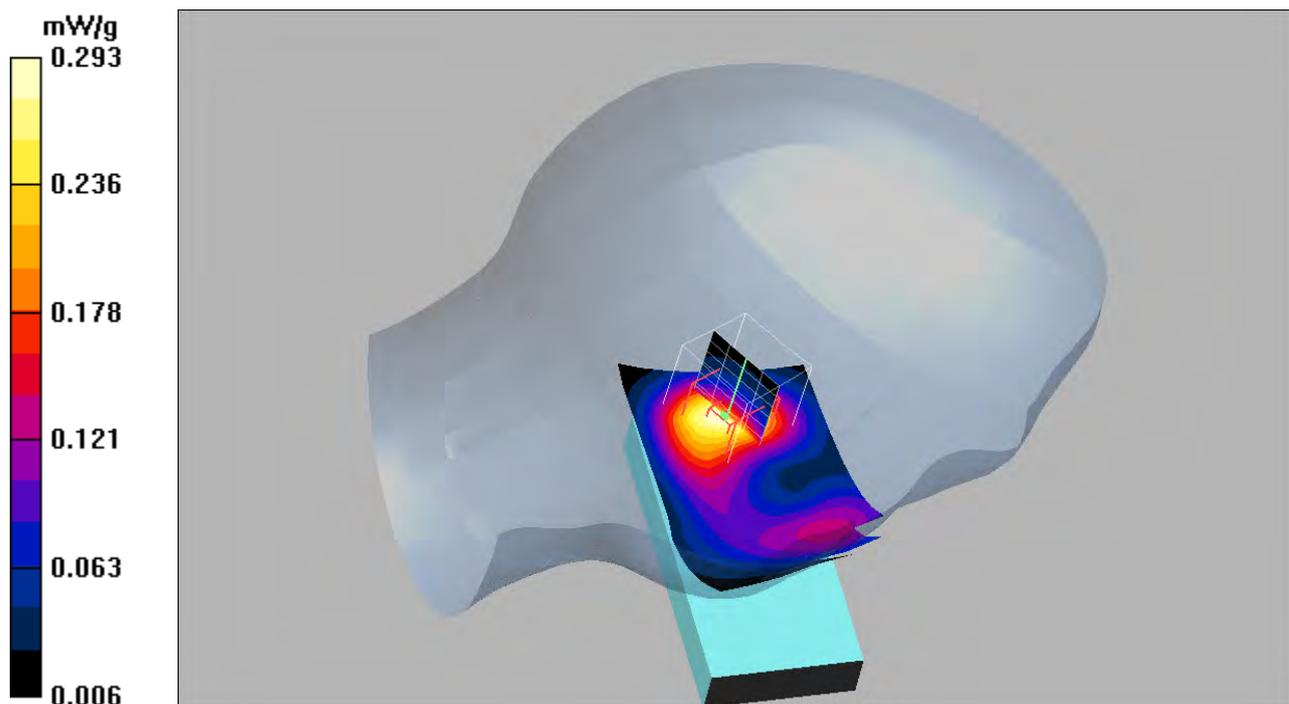
Left Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.17 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.293 mW/g



Date/Time: 2009-06-23 11:01:26

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Cheek GSM1900 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 37.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Right High Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.34 mW/g

Right High Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = -0.036 dB

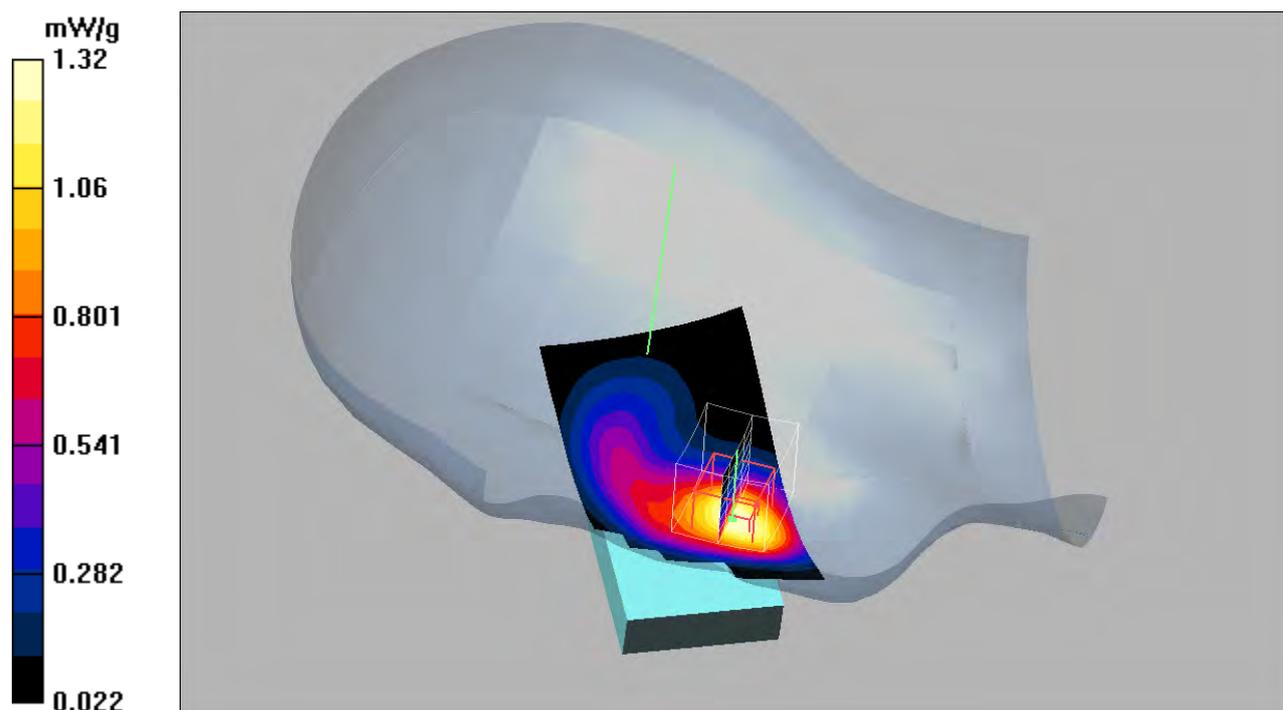
Peak SAR (extrapolated) = 2.01 W/kg

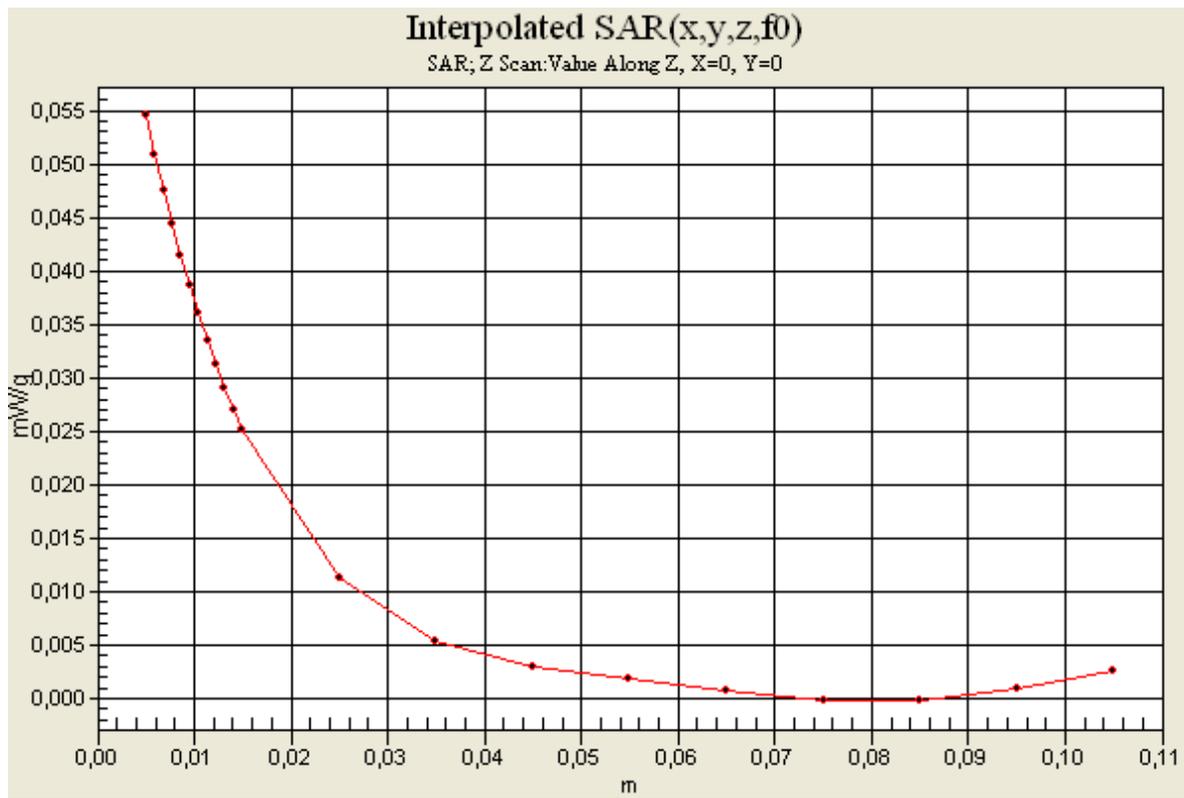
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.719 mW/g

Maximum value of SAR (measured) = 1.32 mW/g

Right High Cheek/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.055 mW/g





Date/Time: 2009-06-23 10:34:55

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Tilt GSM1900 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Right Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.396 mW/g

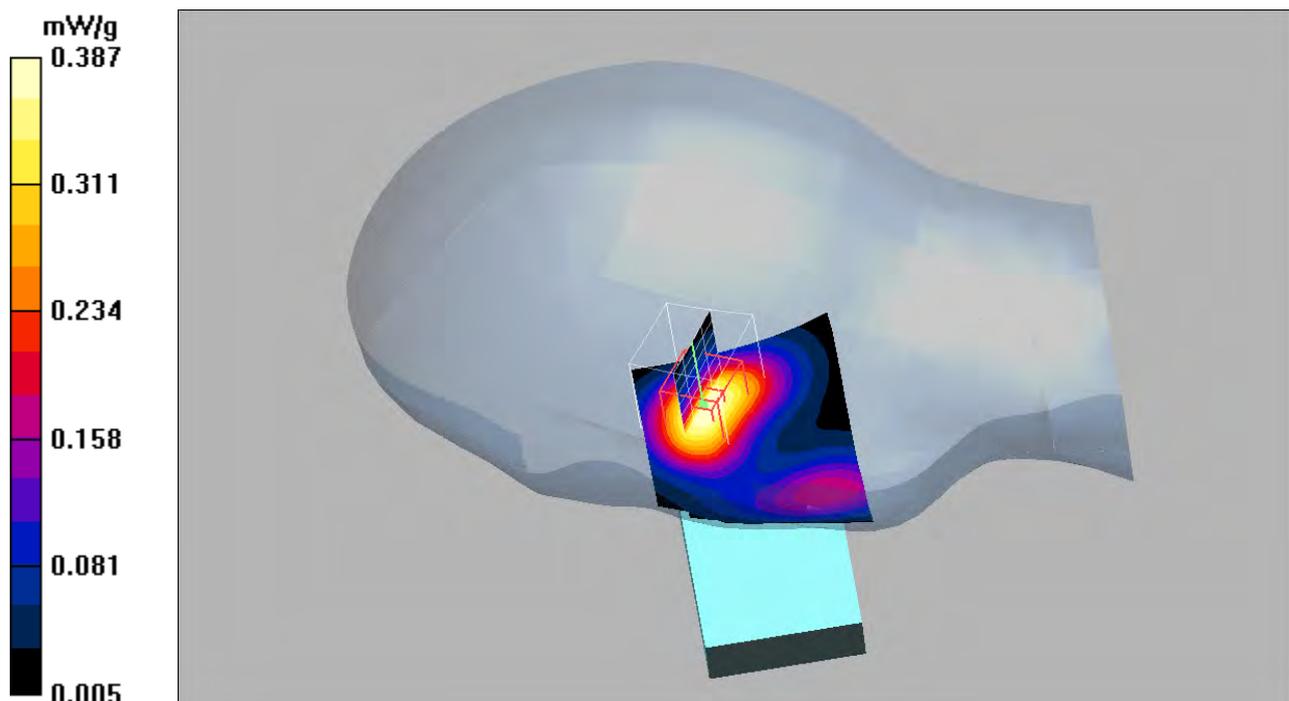
Right Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.92 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.387 mW/g



Date/Time: 2009-06-25 08:55:44

Test Laboratory: Sony Ericsson Mobile Communications AB

Body GPRS 2TS GSM1900 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM1900 GPRS2TX; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, GPRS 2TS, High/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.946 mW/g

Body, GPRS 2TS, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.1 V/m; Power Drift = -0.081 dB

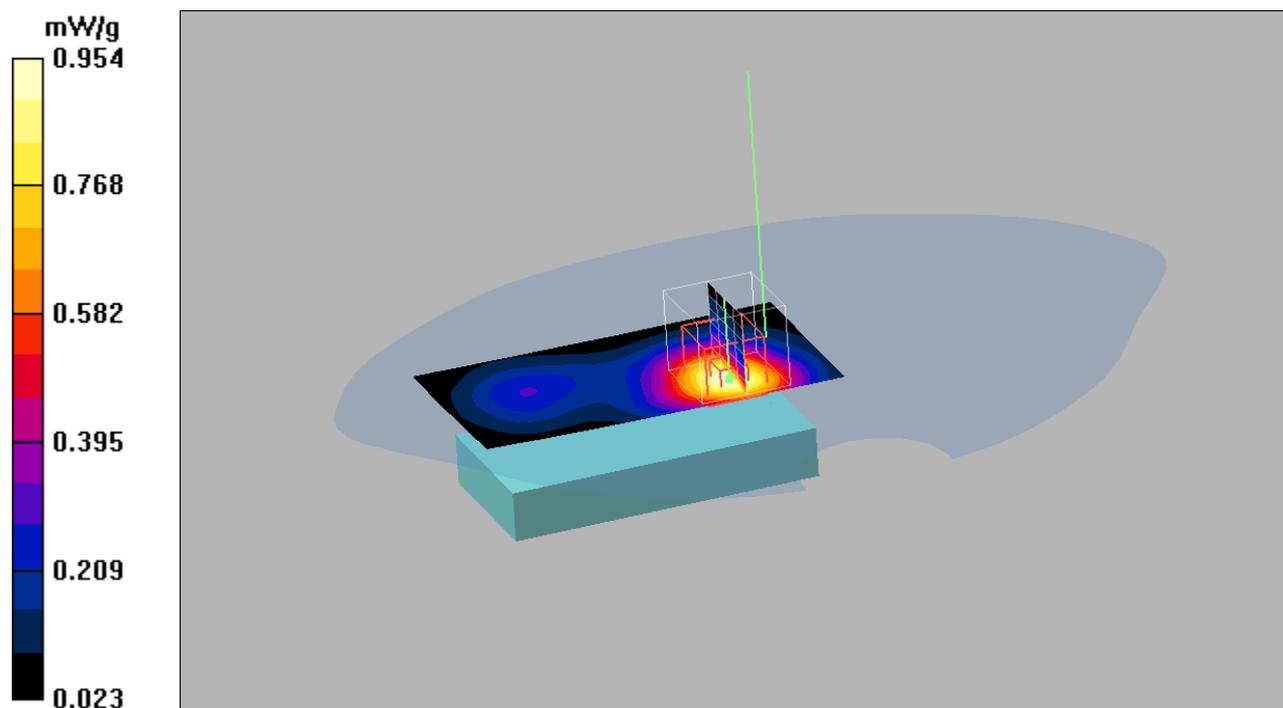
Peak SAR (extrapolated) = 1.34 W/kg

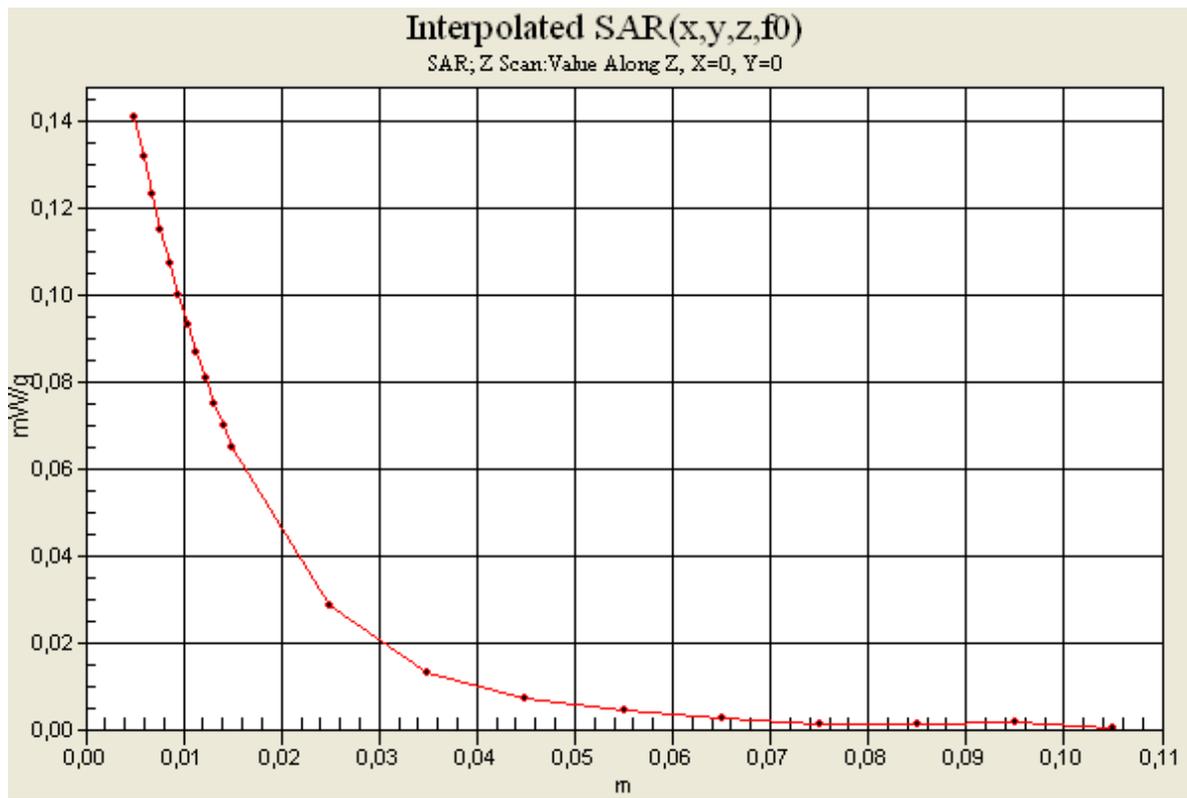
SAR(1 g) = 0.875 mW/g; SAR(10 g) = 0.537 mW/g

Maximum value of SAR (measured) = 0.954 mW/g

Body, GPRS 2TS, High/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.141 mW/g





Date/Time: 2009-06-25 09:28:28

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Front GPRS 2TS GSM1900 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM1900 GPRS2TX; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15
 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, GPRS 2TS, High Front/Area Scan (71x131x1): Measurement grid: dx=10mm,
dy=10mm

Maximum value of SAR (interpolated) = 0.814 mW/g

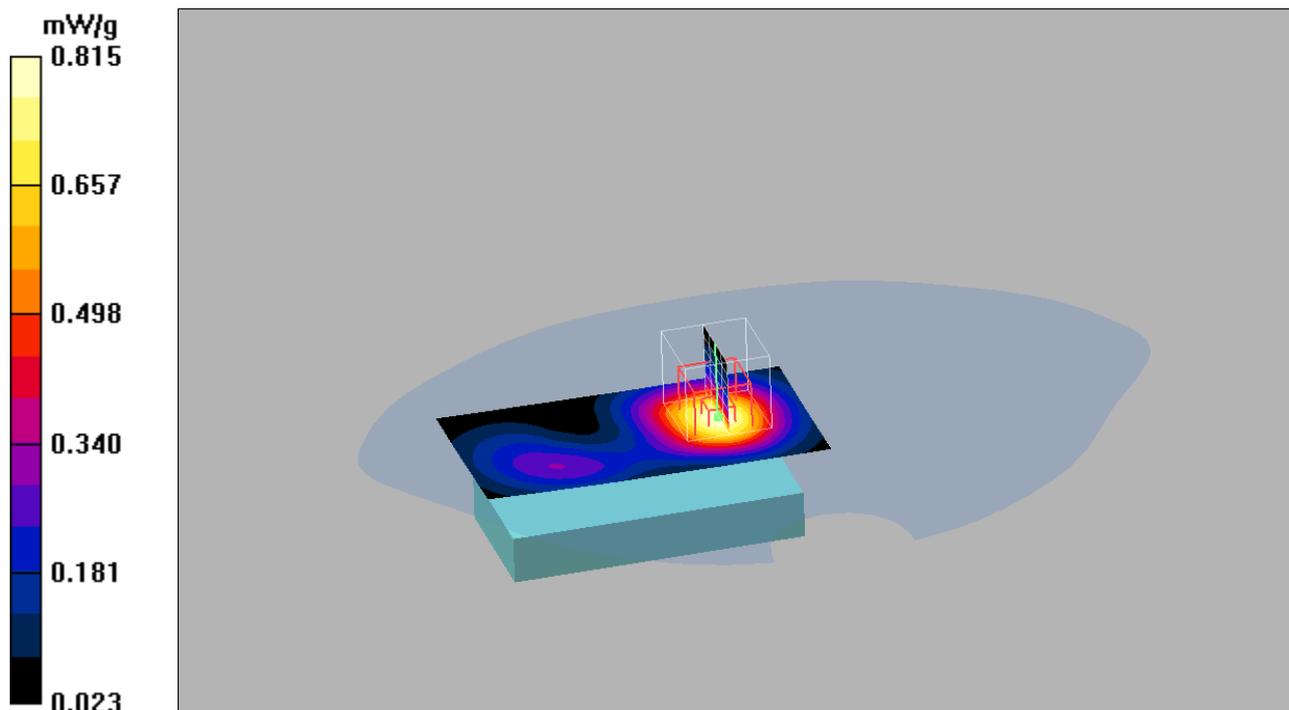
Body, GPRS 2TS, High Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.815 mW/g



Date/Time: 2009-06-25 09:57:36

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech PHF GSM1900 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASy4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech PHF, High/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.627 mW/g

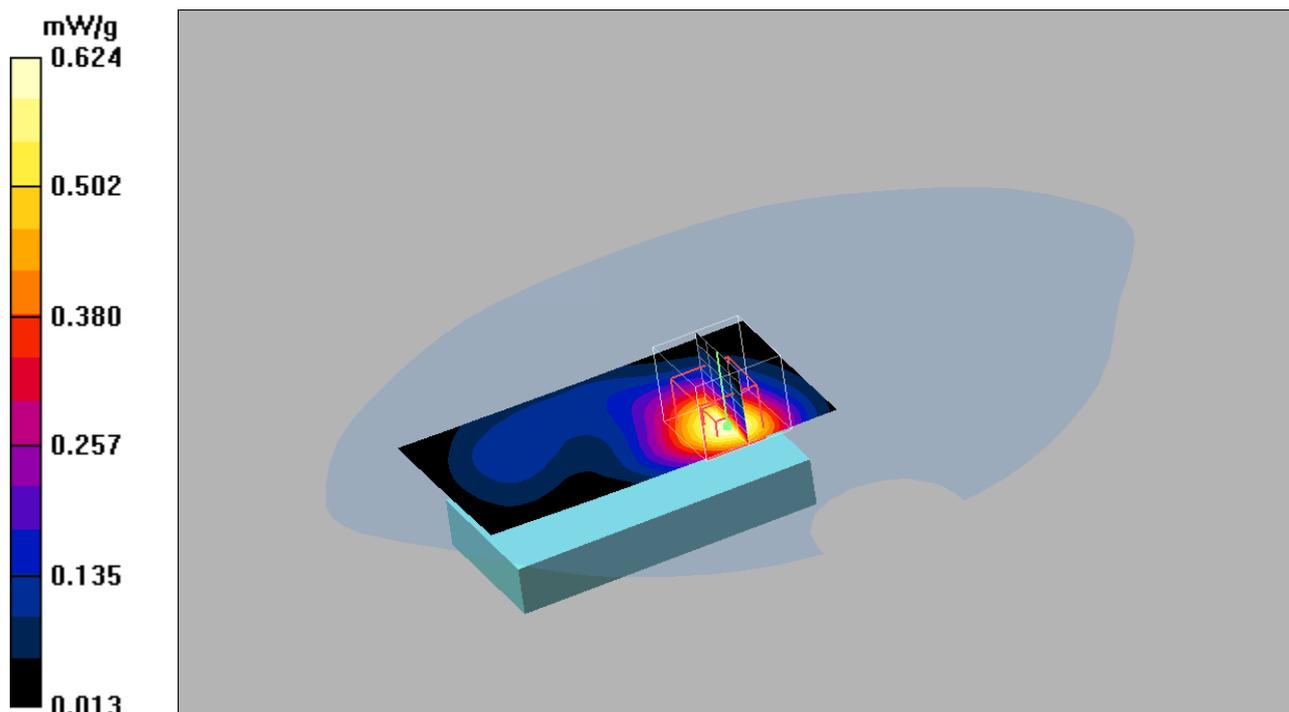
Body, Speech PHF, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.624 mW/g



Date/Time: 2009-06-25 10:19:10

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech BT GSM1900 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: GSM 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech BT, High/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.824 mW/g

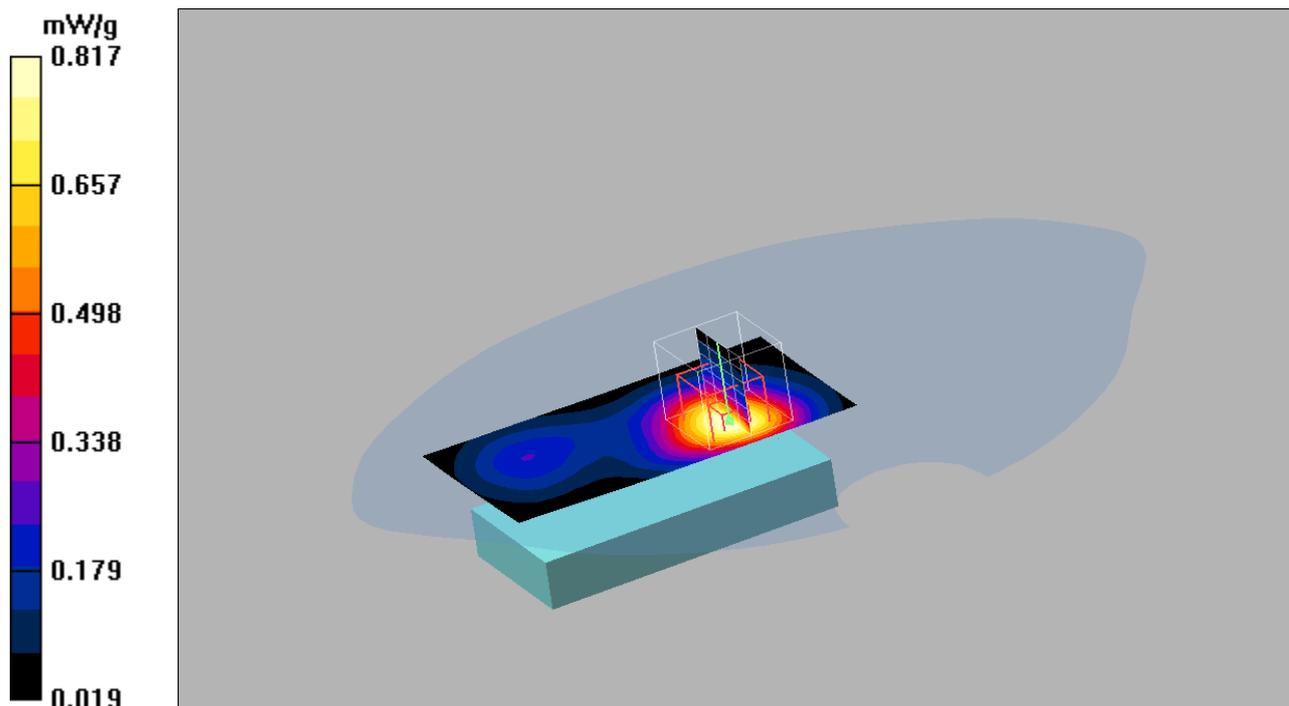
Body, Speech BT, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.817 mW/g



Date/Time: 2009-06-23 15:39:47

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Cheek UMTS2 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Left High Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.27 mW/g

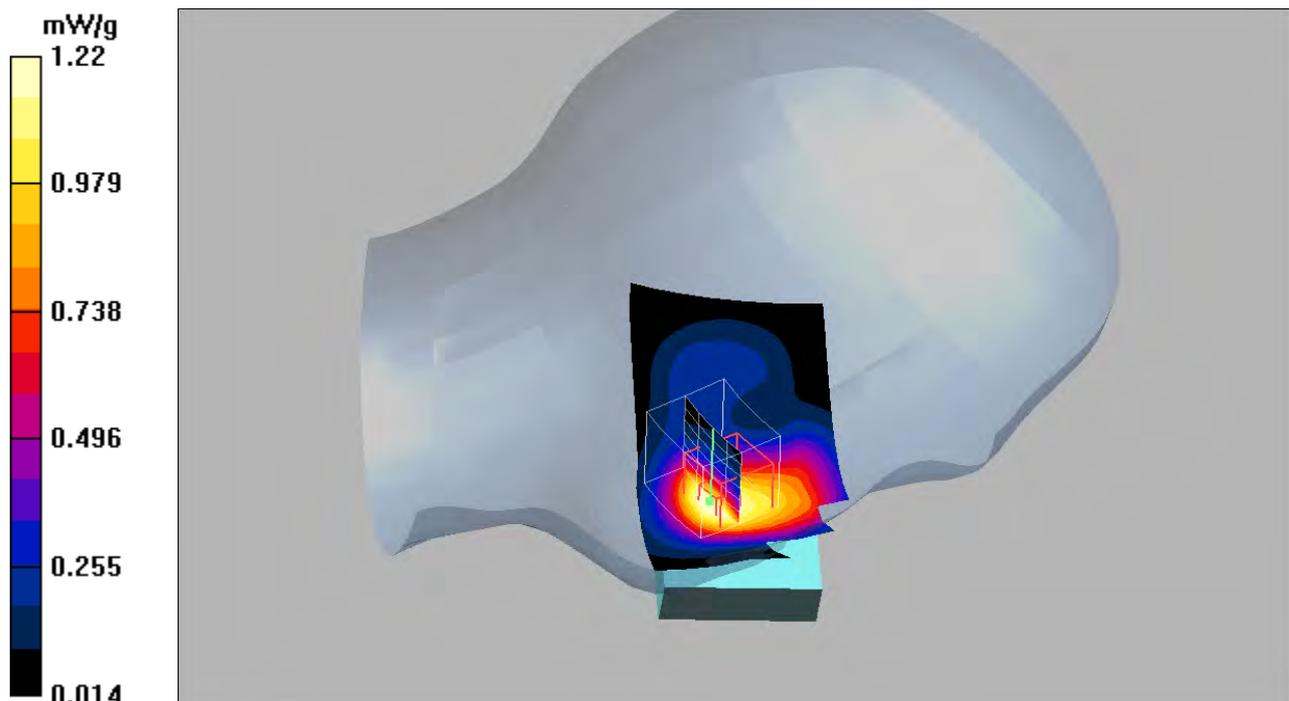
Left High Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.2 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.705 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



Date/Time: 2009-06-23 13:54:32

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Tilt UMTS2 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Left Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.399 mW/g

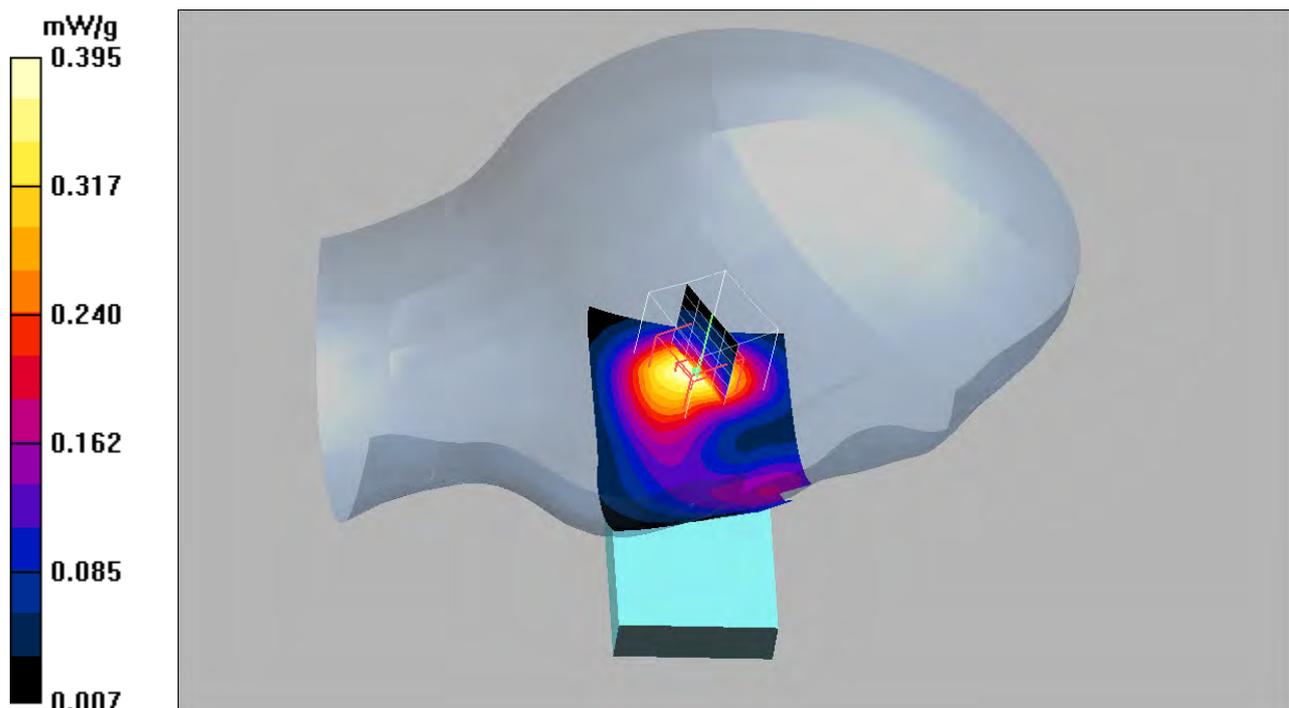
Left Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.395 mW/g



Date/Time: 2009-06-23 12:53:59

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Cheek UMTS2 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 38.2$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Right Low Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.43 mW/g

Right Low Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.3 V/m; Power Drift = -0.042 dB

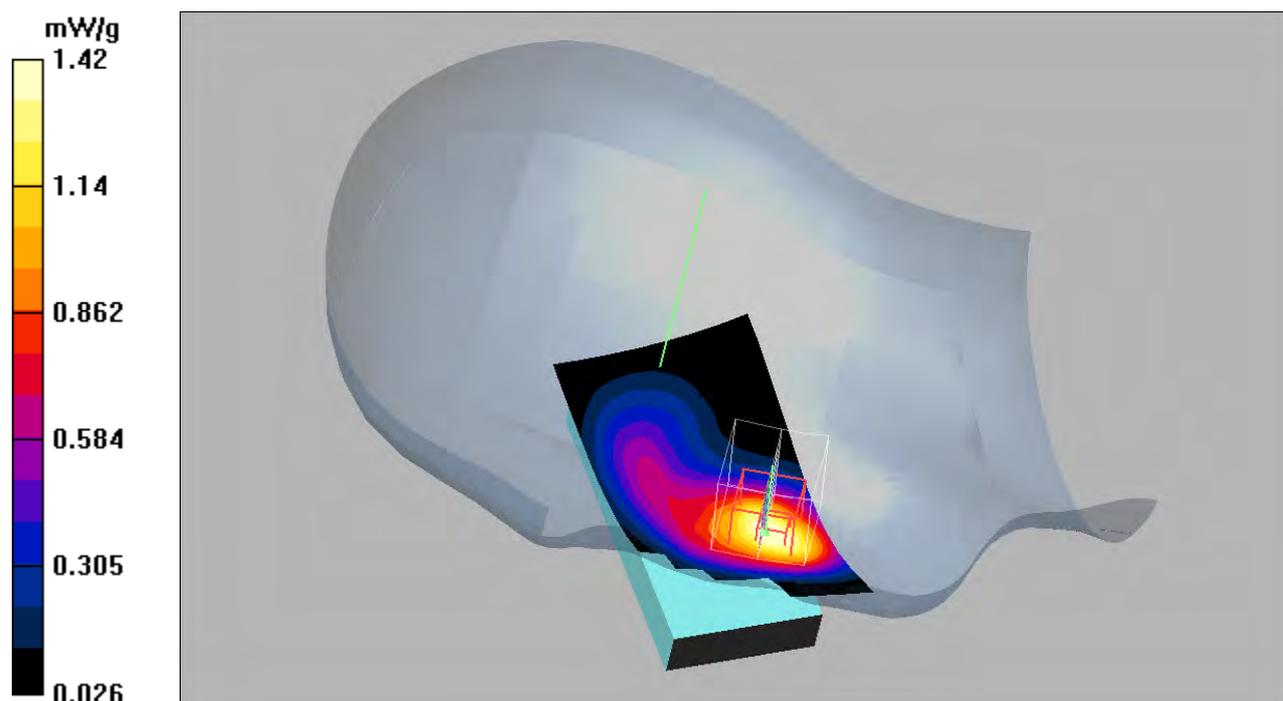
Peak SAR (extrapolated) = 2.10 W/kg

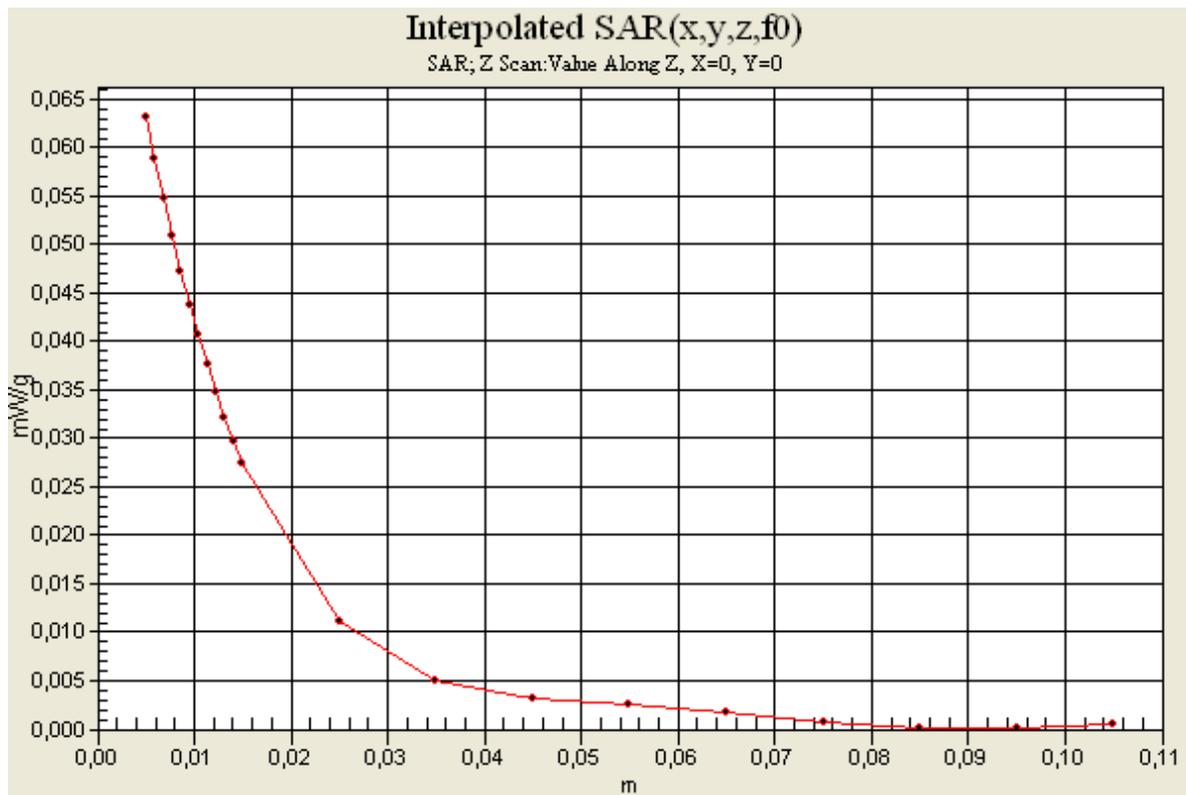
SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.779 mW/g

Maximum value of SAR (measured) = 1.42 mW/g

Right Low Cheek/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.063 mW/g





Date/Time: 2009-06-23 12:24:10

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Tilt UMTS2 090623**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Right Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.523 mW/g

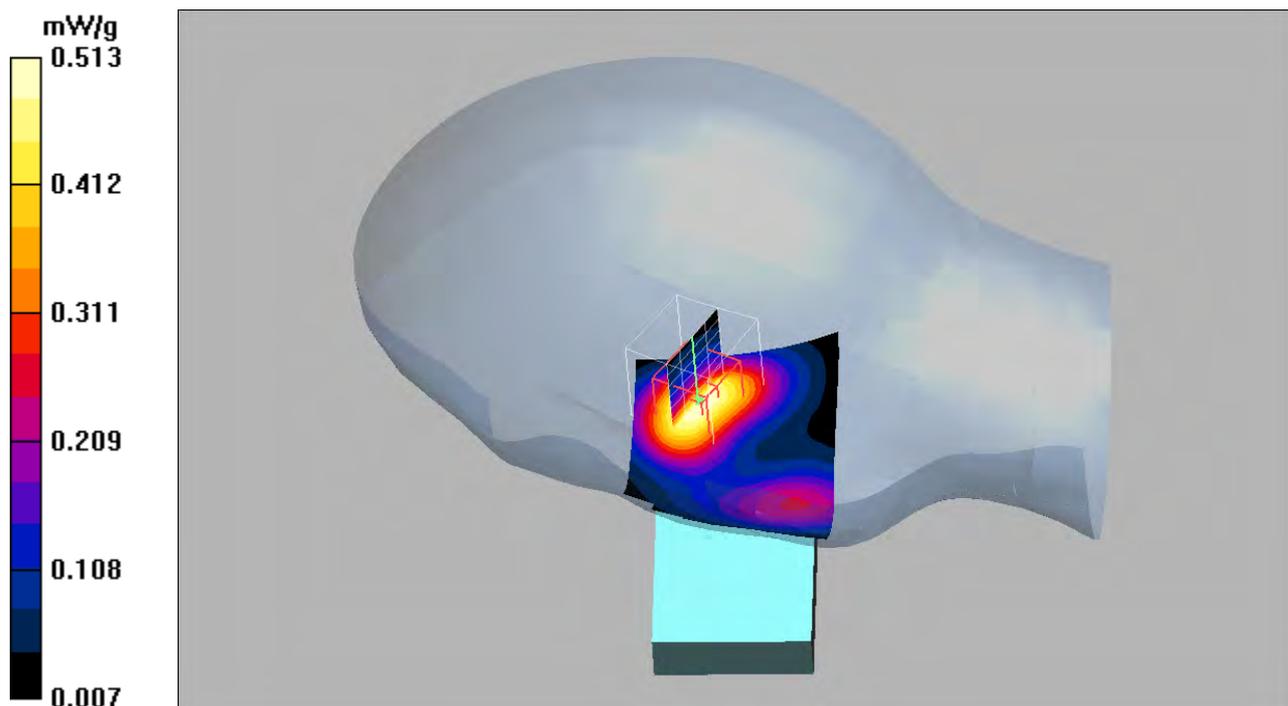
Right Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.742 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.296 mW/g

Maximum value of SAR (measured) = 0.513 mW/g



Date/Time: 2009-06-25 13:06:23

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Front Speech BT UMTS2 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech BT, High Front/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.834 mW/g

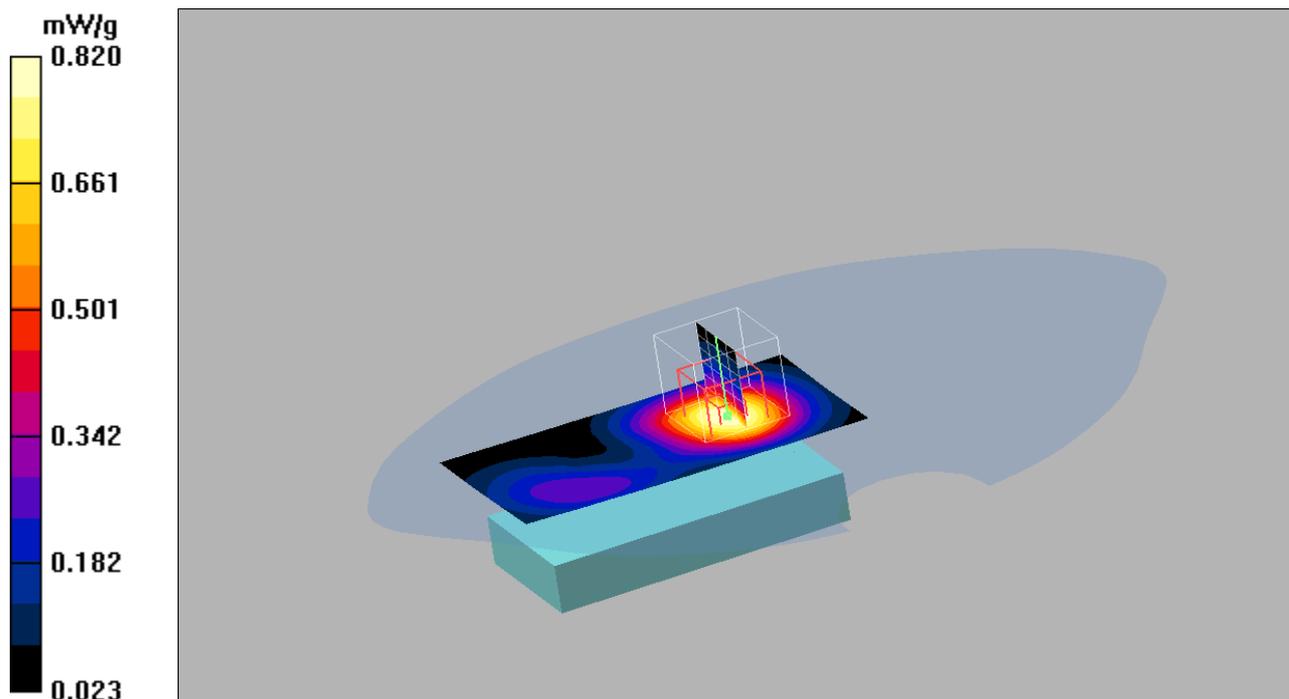
Body, Speech BT, High Front/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.9 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.474 mW/g

Maximum value of SAR (measured) = 0.820 mW/g



Date/Time: 2009-06-25 11:43:30

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech PHF UMTS2 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.5$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech PHF, Low/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.563 mW/g

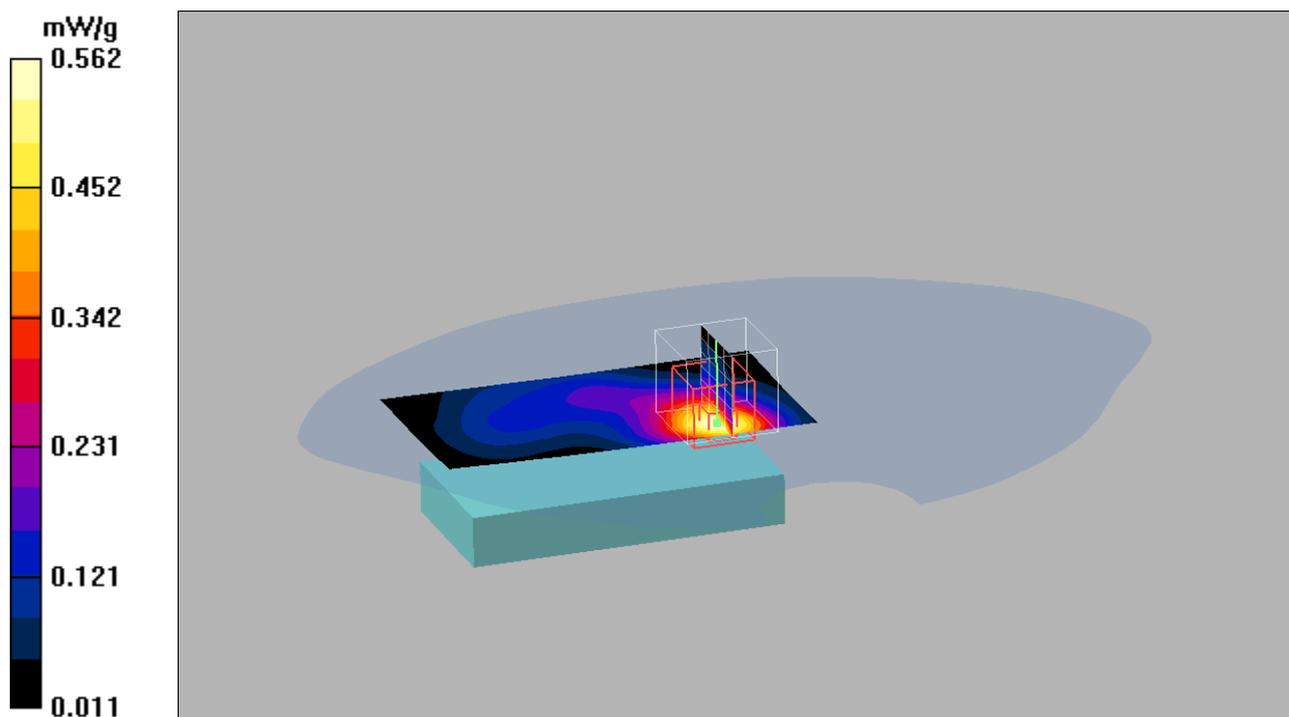
Body, Speech PHF, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.562 mW/g



Date/Time: 2009-06-25 12:45:11

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech BT UMTS2 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.34, 4.34, 4.34); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech BT, High/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.949 mW/g

Body, Speech BT, High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.015 dB

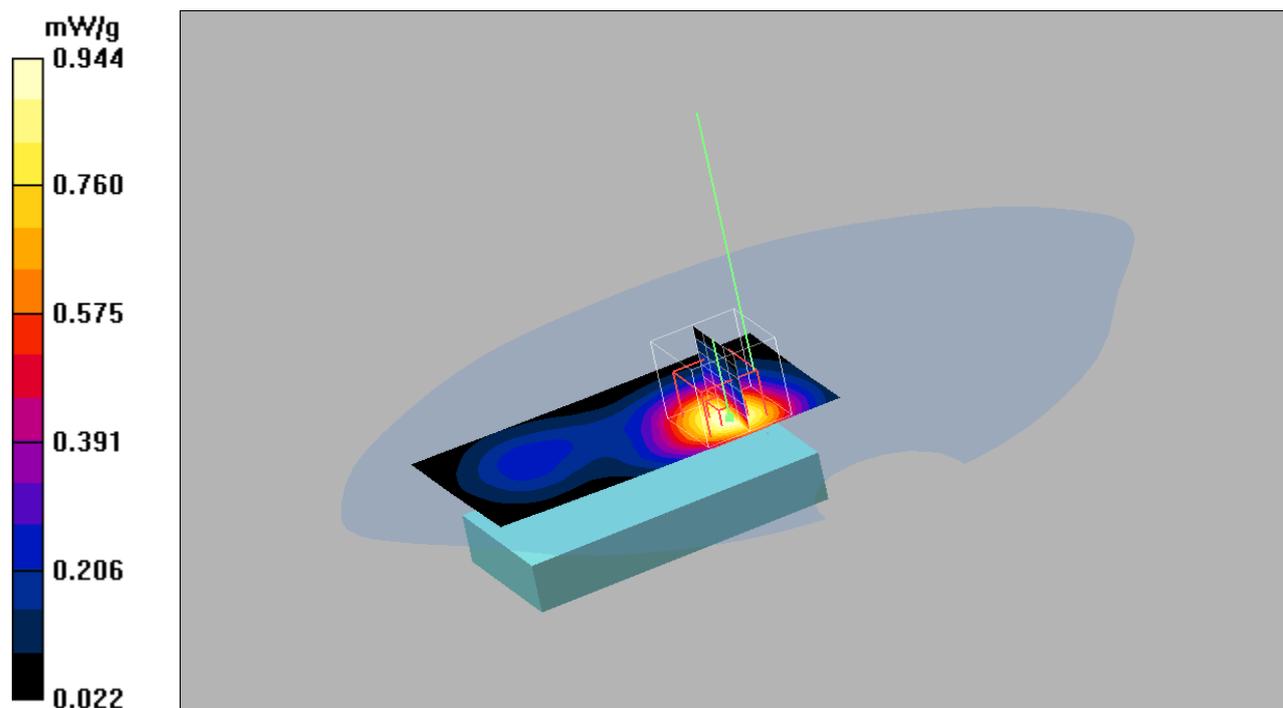
Peak SAR (extrapolated) = 1.31 W/kg

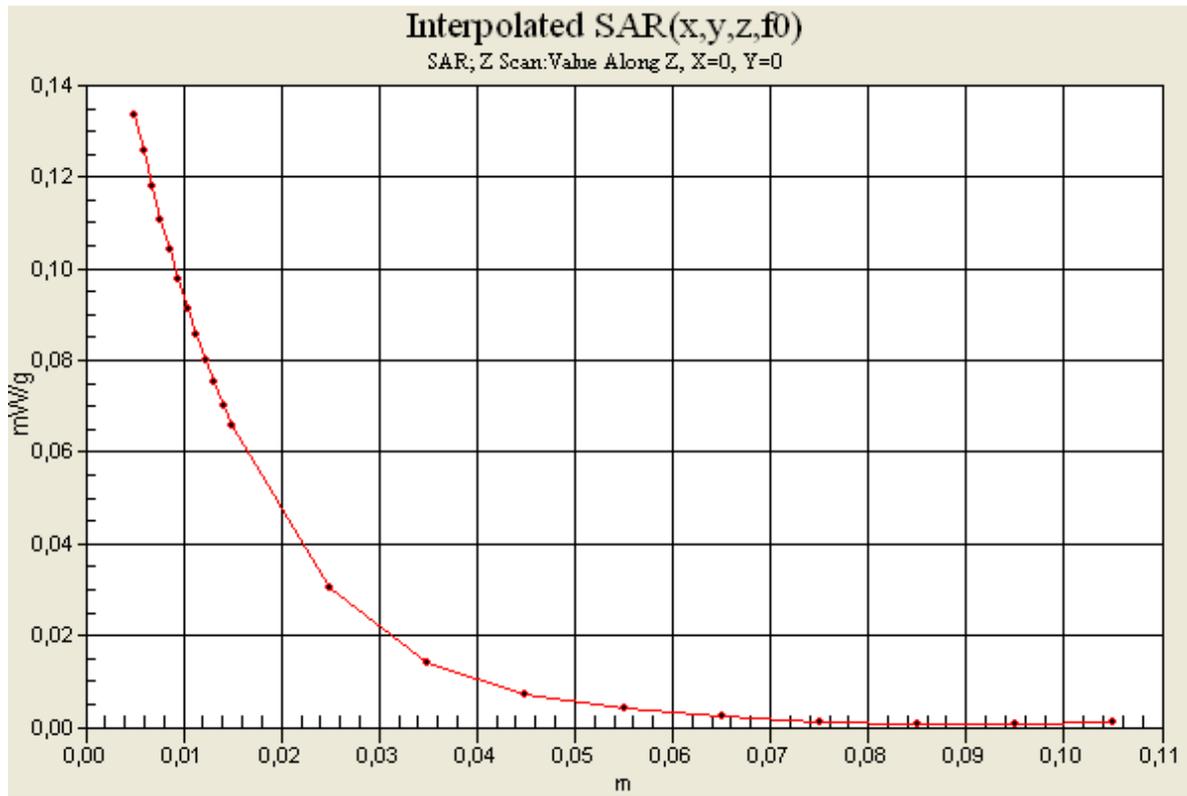
SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.533 mW/g

Maximum value of SAR (measured) = 0.944 mW/g

Body, Speech BT, High/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.134 mW/g





Date/Time: 2009-06-17 15:04:47

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Cheek UMTS5 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.820 mW/g

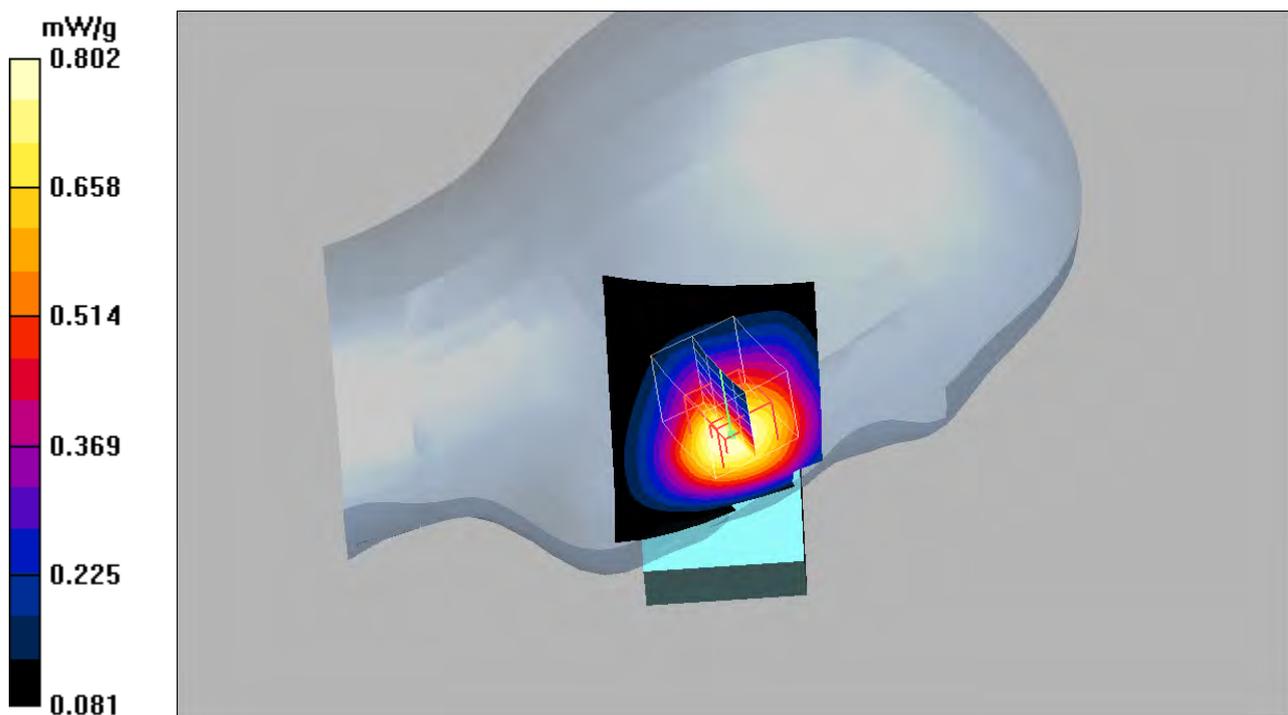
Mid Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.958 W/kg

SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 0.802 mW/g



Date/Time: 2009-06-17 15:27:38

Test Laboratory: Sony Ericsson Mobile Communications AB

Left Tilt UMTS5 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.461 mW/g

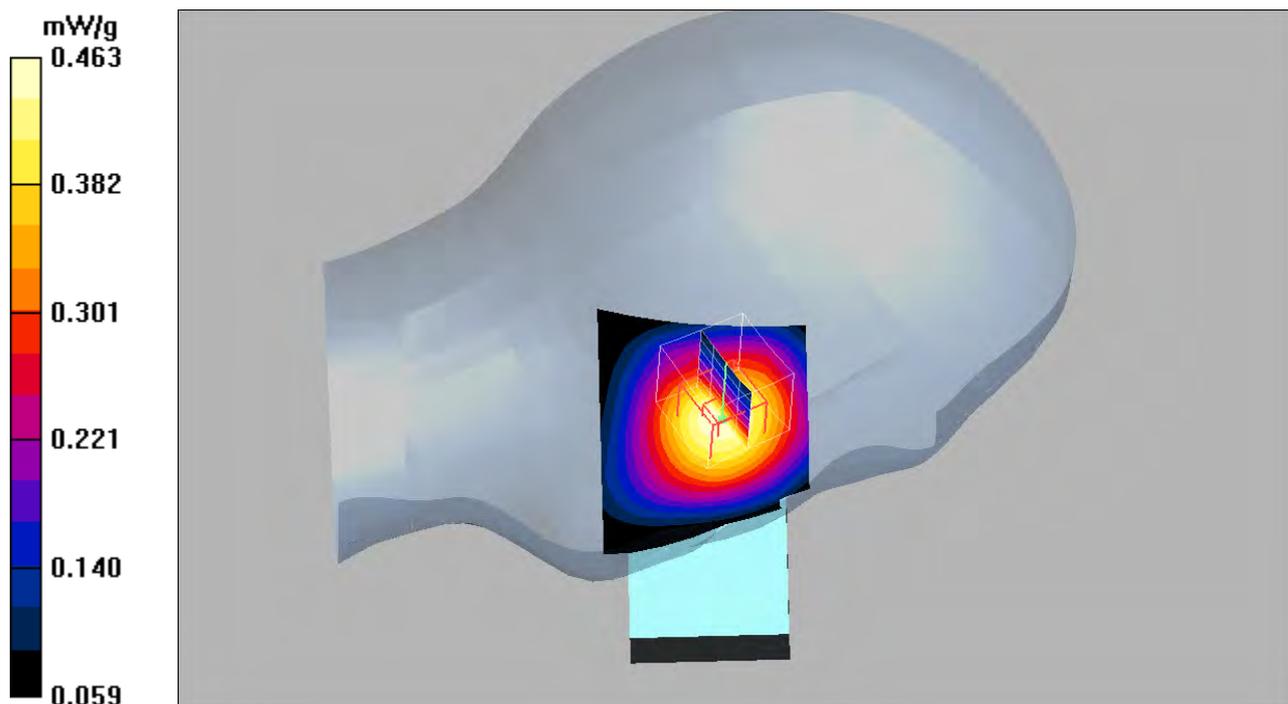
Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



Date/Time: 2009-06-17 13:39:56

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Cheek UMTS5 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Cheek/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.941 mW/g

Mid Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.50 V/m; Power Drift = -0.020 dB

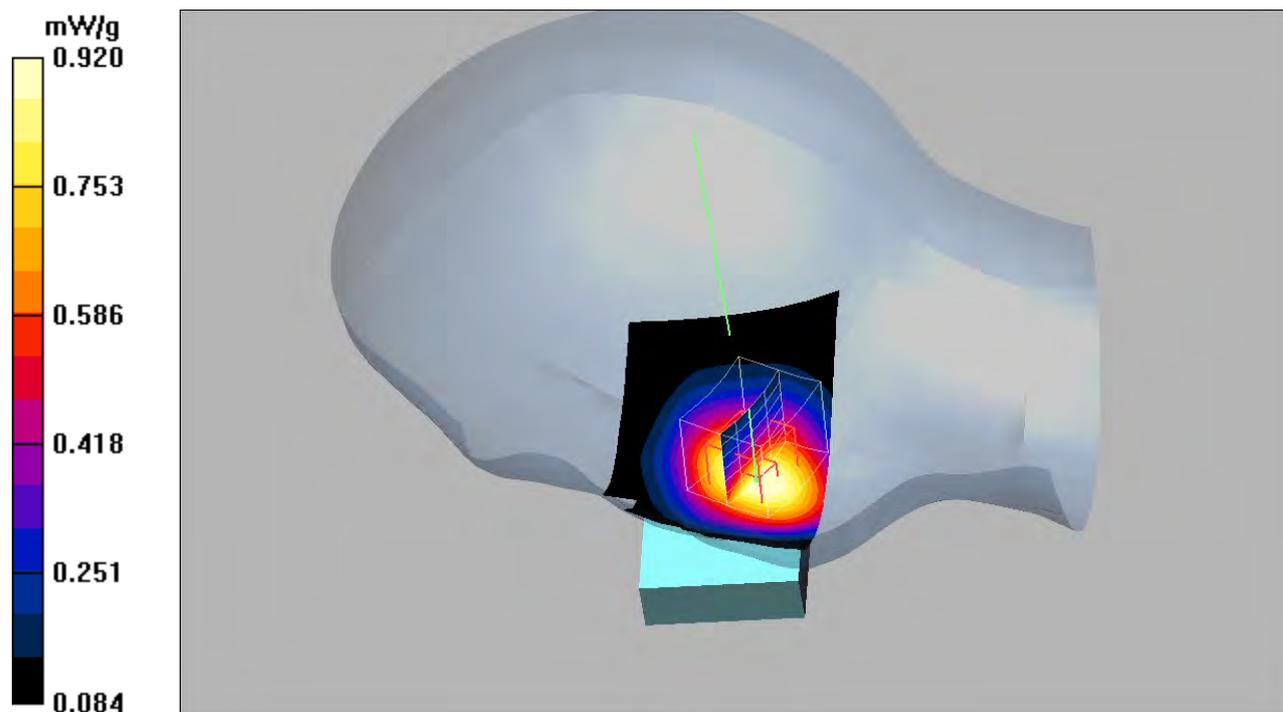
Peak SAR (extrapolated) = 1.11 W/kg

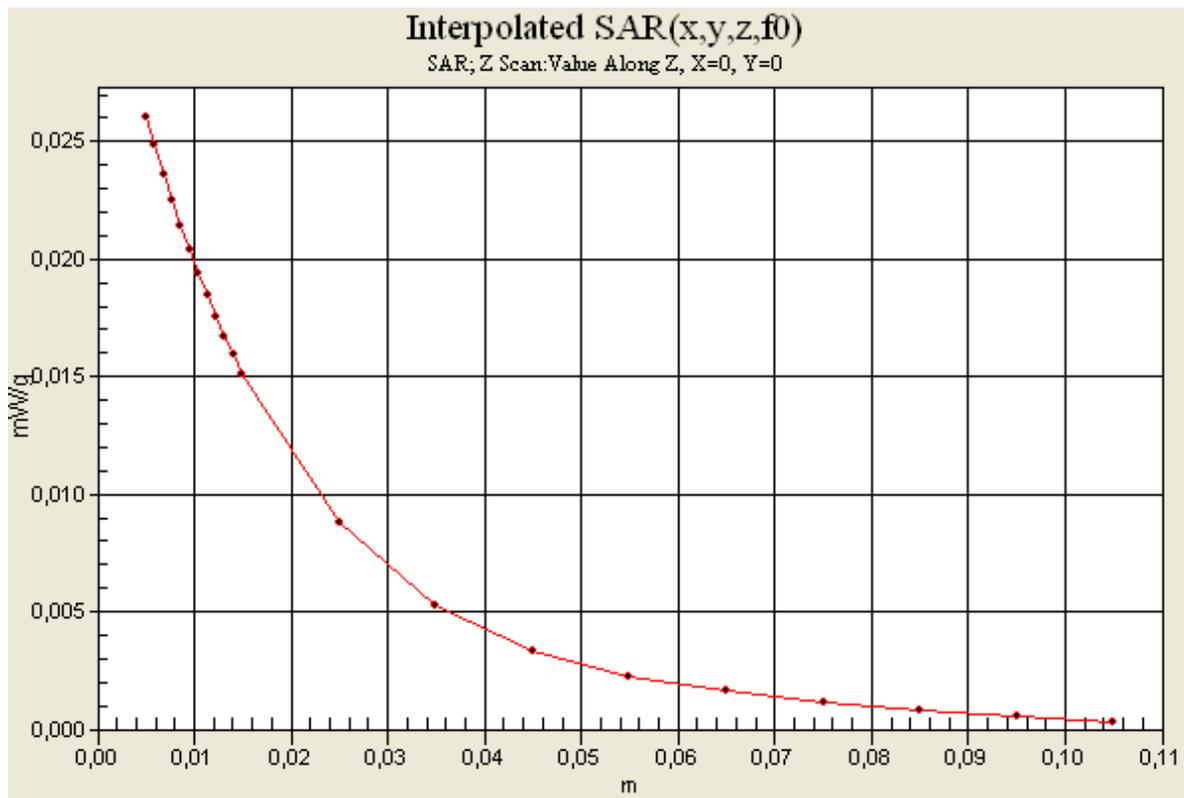
SAR(1 g) = 0.868 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 0.920 mW/g

Mid Cheek/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.026 mW/g





Date/Time: 2009-06-17 14:01:39

Test Laboratory: Sony Ericsson Mobile Communications AB

Right Tilt UMTS5 090617**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.893$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.77, 5.77, 5.77); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 2; Type: SAM QD 000 P40 CB; Serial: TP-1396
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Tilt/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.490 mW/g

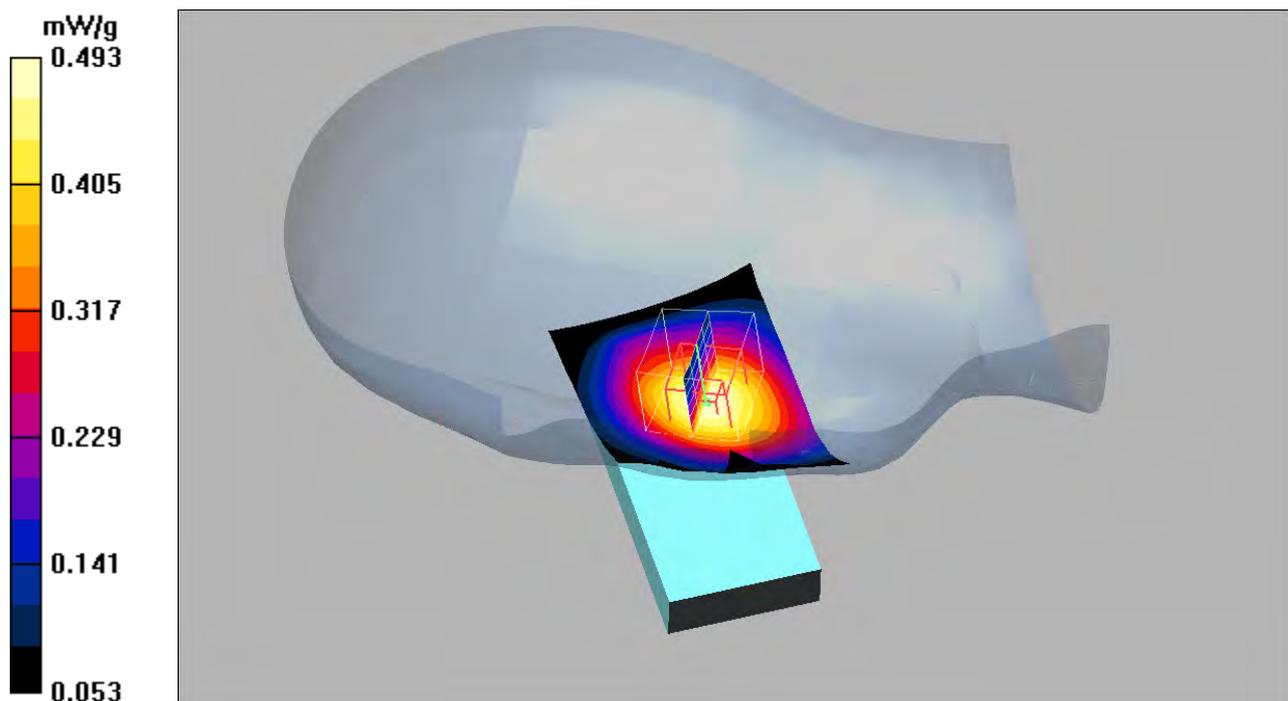
Mid Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.598 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



Date/Time: 2009-06-26 13:02:45

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Front Speech BT UMTS5 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body Front, Speech BT, Mid/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.677 mW/g

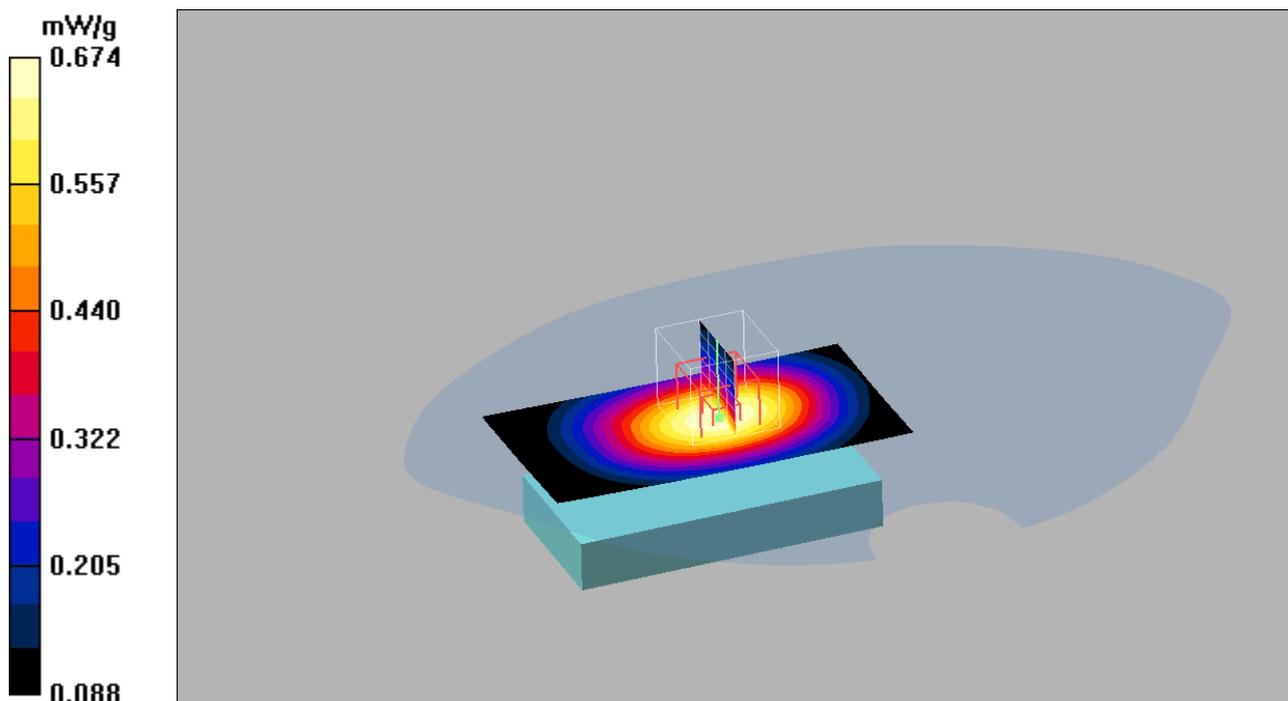
Body Front, Speech BT, Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.819 W/kg

SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.674 mW/g



Date/Time: 2009-06-26 11:50:33

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech PHF UMTS5 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech PHF, Low/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.617 mW/g

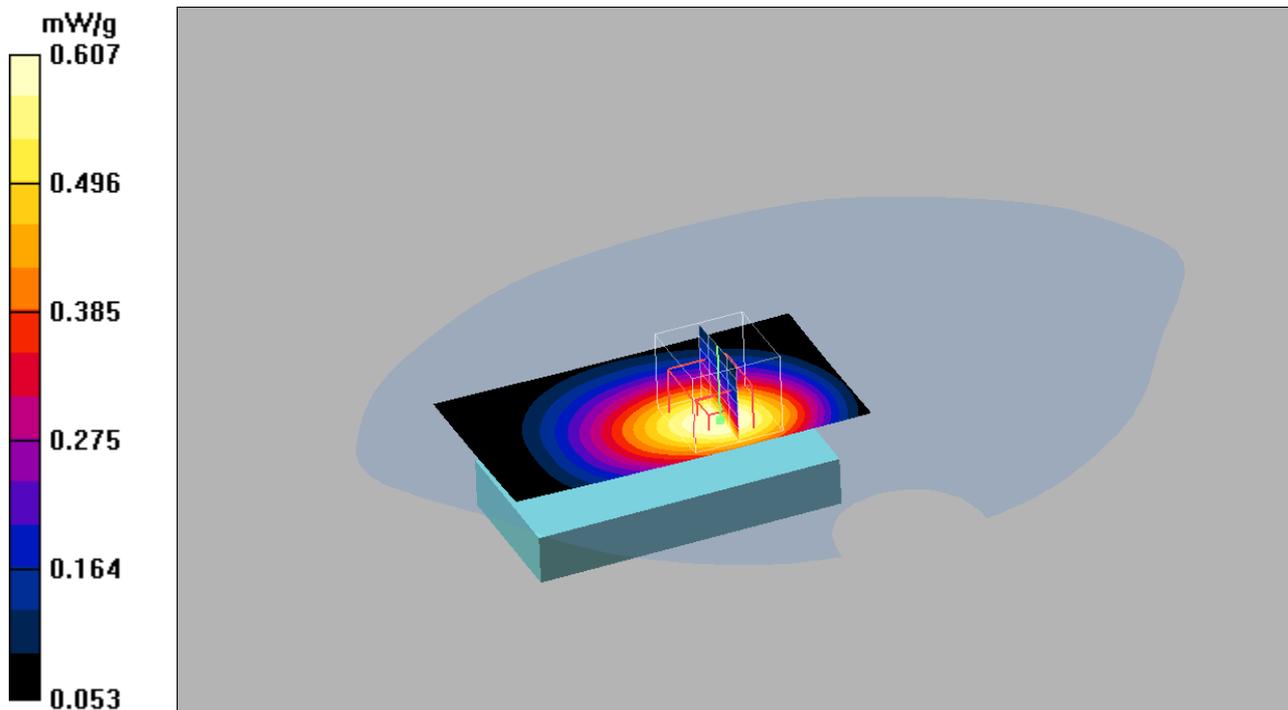
Body, Speech PHF, Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.763 W/kg

SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.412 mW/g

Maximum value of SAR (measured) = 0.607 mW/g



Date/Time: 2009-06-26 12:26:37

Test Laboratory: Sony Ericsson Mobile Communications AB

Body Speech BT UMTS5 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15650**

Communication System: UMTS_band5; Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.97$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(5.76, 5.76, 5.76); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-09
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

Body, Speech BT, Mid/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.873 mW/g

Body, Speech BT, Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.035 dB

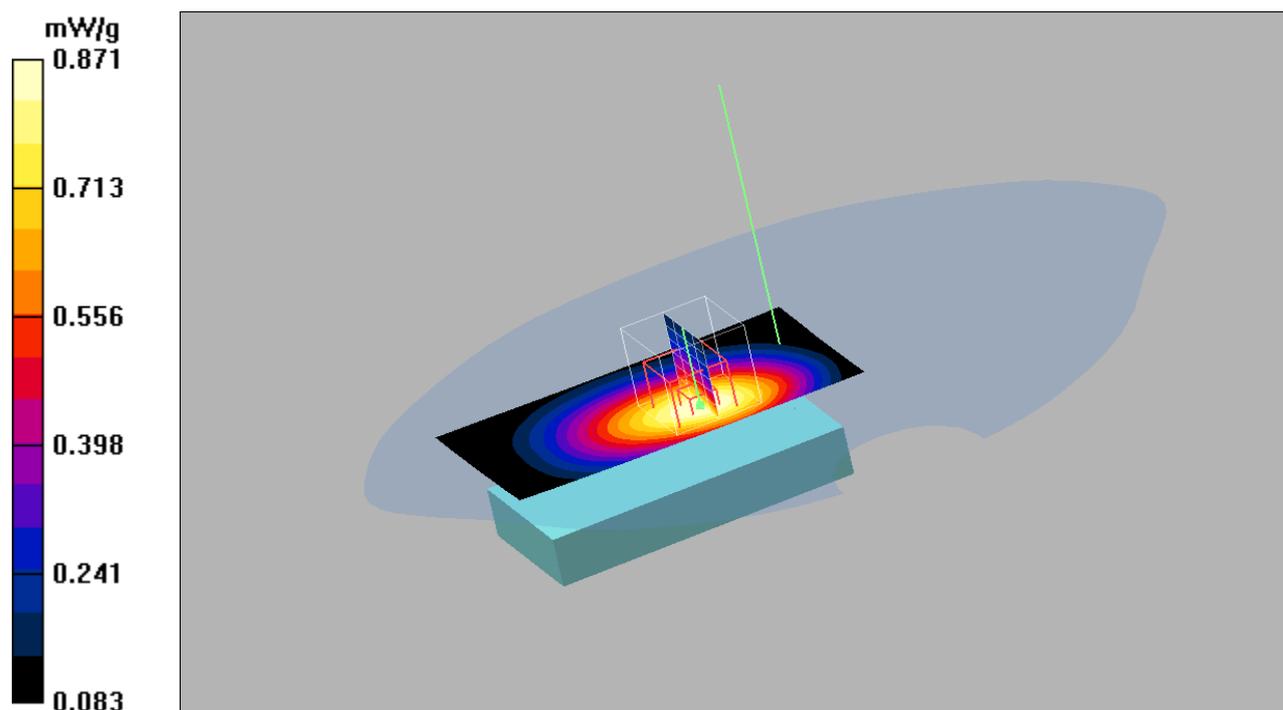
Peak SAR (extrapolated) = 1.08 W/kg

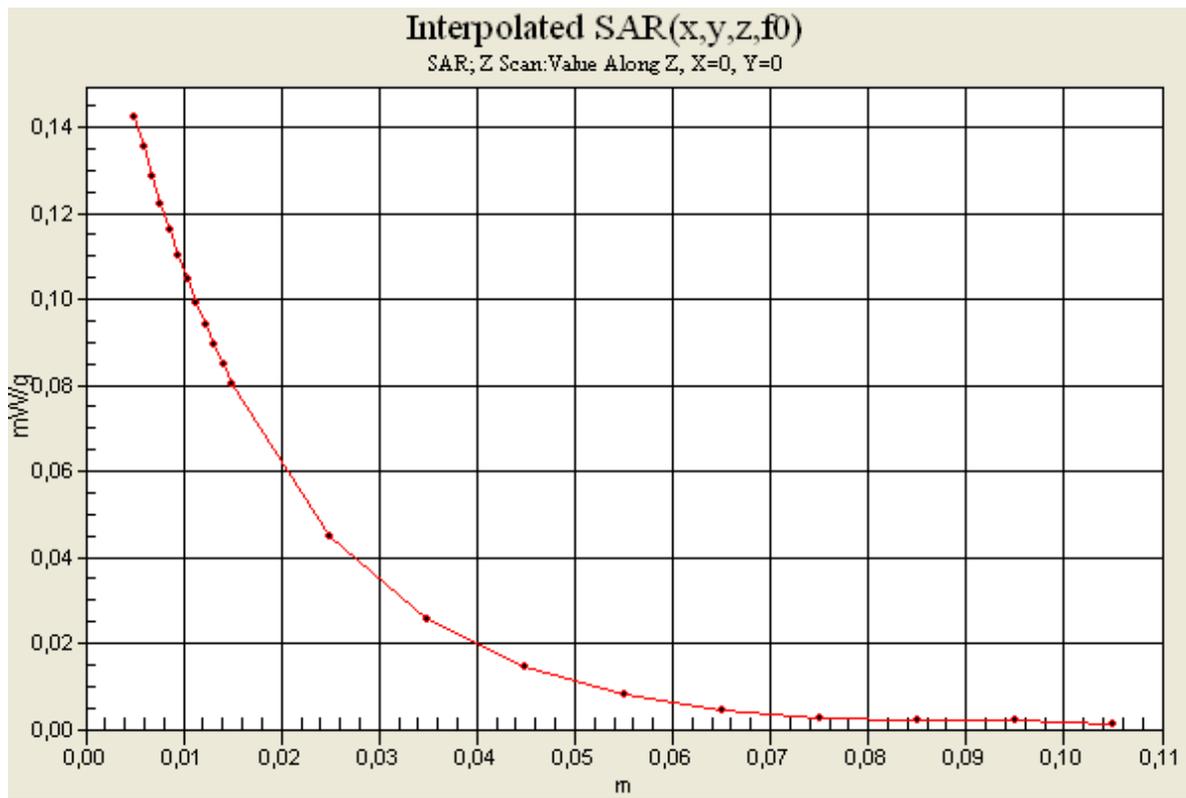
SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.592 mW/g

Maximum value of SAR (measured) = 0.871 mW/g

Body, Speech BT, Mid/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (interpolated) = 0.142 mW/g





Date/Time: 2009-06-25 14:22:52

Test Laboratory: Sony Ericsson Mobile Communications

Left_Cheek_Wlan_090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15653**

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.32, 4.32, 4.32); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Left Cheek High FCC/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.451 mW/g

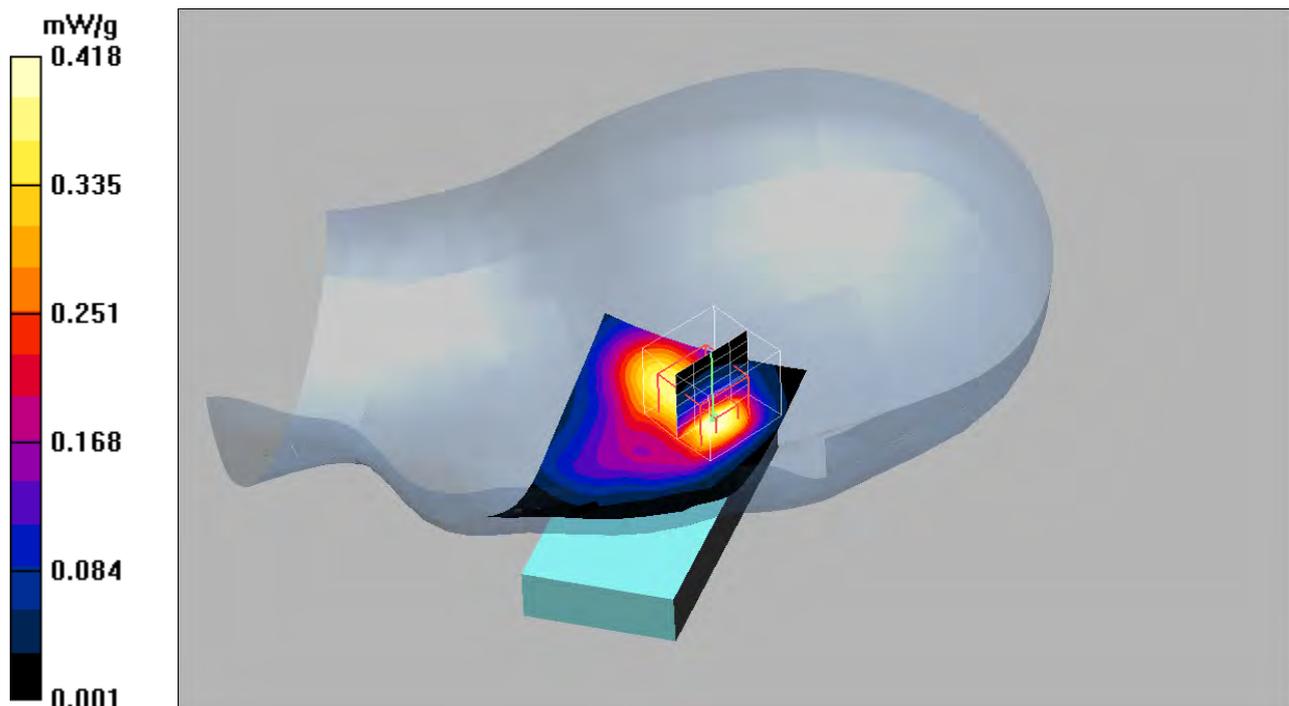
Left Cheek High FCC/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.760 W/kg

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.418 mW/g



Date/Time: 2009-06-25 13:26:11

Test Laboratory: Sony Ericsson Mobile Communications

Left_Tilt_Wlan_090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15653**

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.32, 4.32, 4.32); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Left Tilt Middle/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.271 mW/g

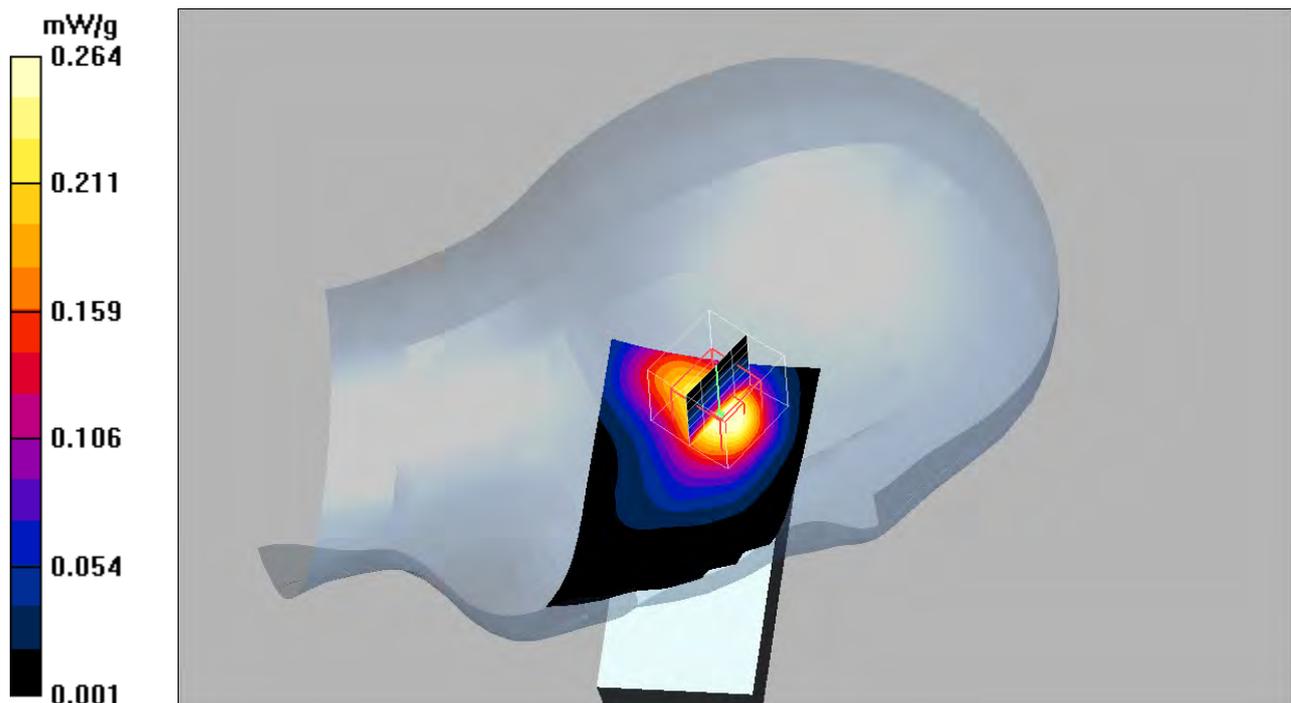
Left Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.264 mW/g



Date/Time: 2009-06-25 17:08:21

Test Laboratory: Sony Ericsson Mobile Communications

Right Cheek Wlan 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15653**

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.32, 4.32, 4.32); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right Cheek High FCC/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.481 mW/g

Right Cheek High FCC/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.012 dB

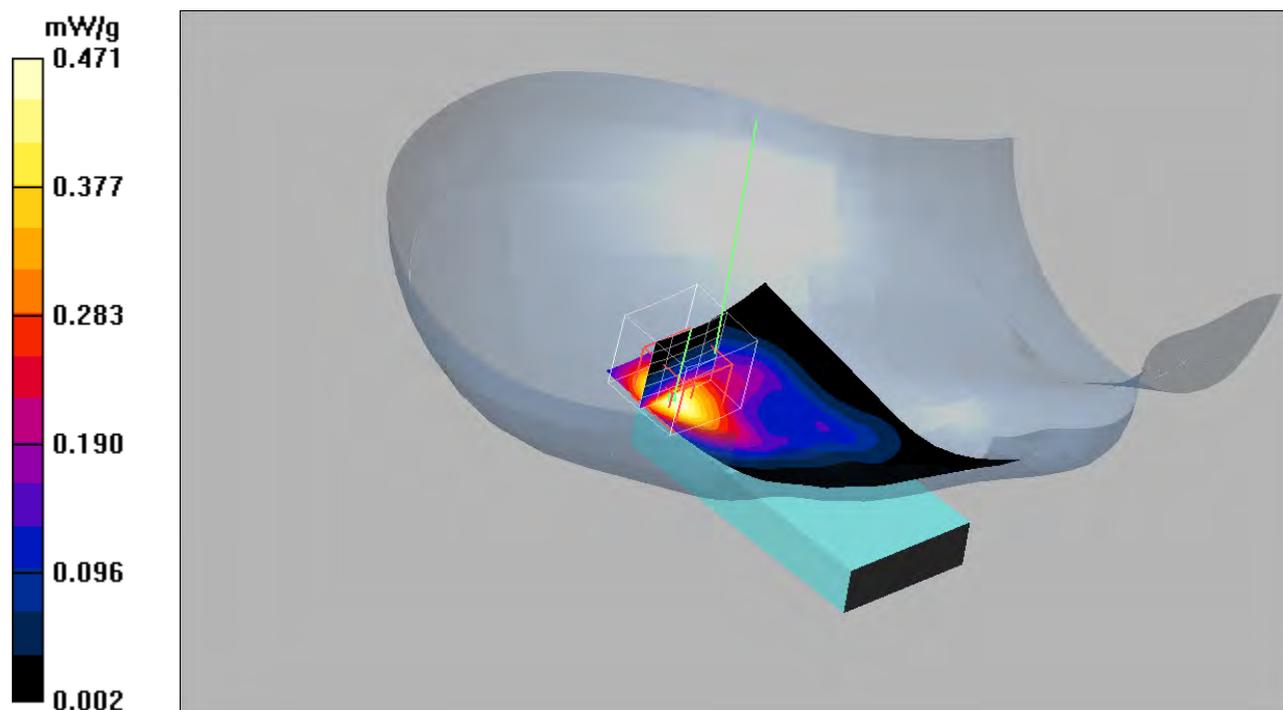
Peak SAR (extrapolated) = 0.931 W/kg

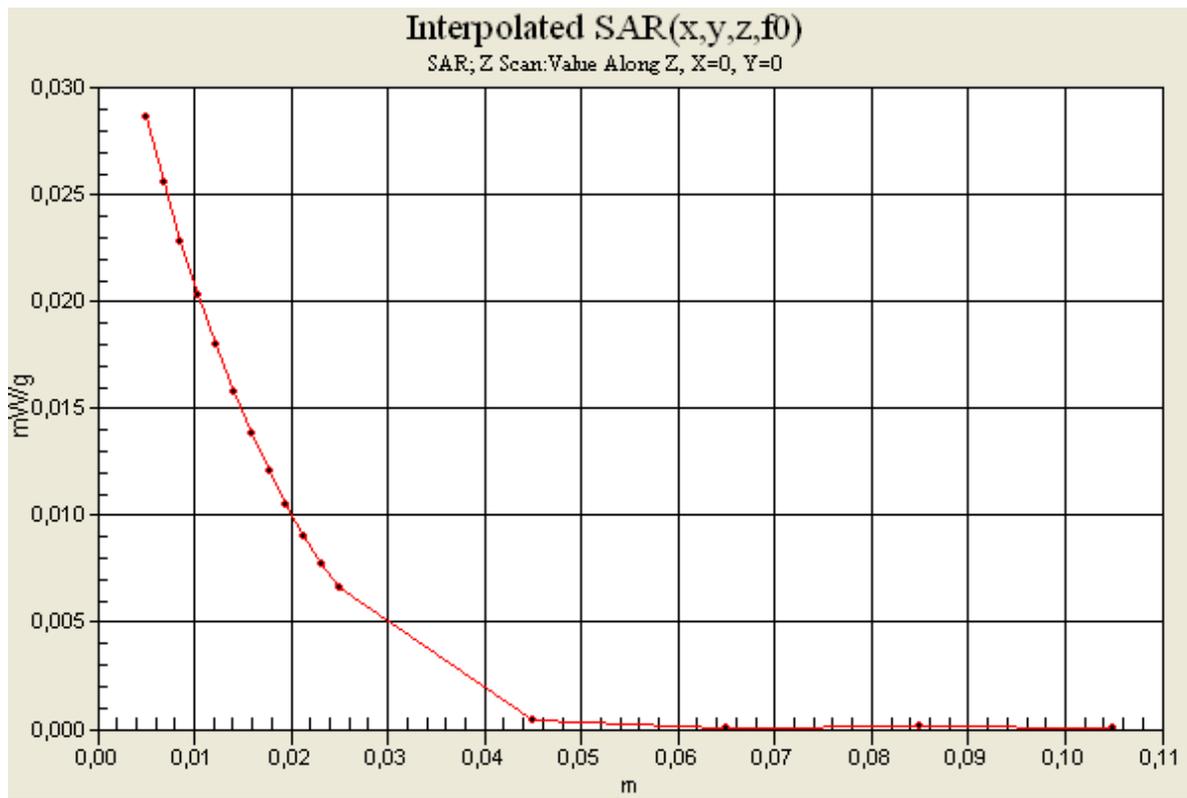
SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 0.471 mW/g

Right Cheek High FCC/Z Scan (1x1x16): Measurement grid: dx=20mm, dy=20mm, dz=20mm

Maximum value of SAR (interpolated) = 0.029 mW/g





Date/Time: 2009-06-25 16:16:03

Test Laboratory: Sony Ericsson Mobile Communications

Right Tilt Wlan 090625**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15653**

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(4.32, 4.32, 4.32); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASYS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right Tilt Middle/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.286 mW/g

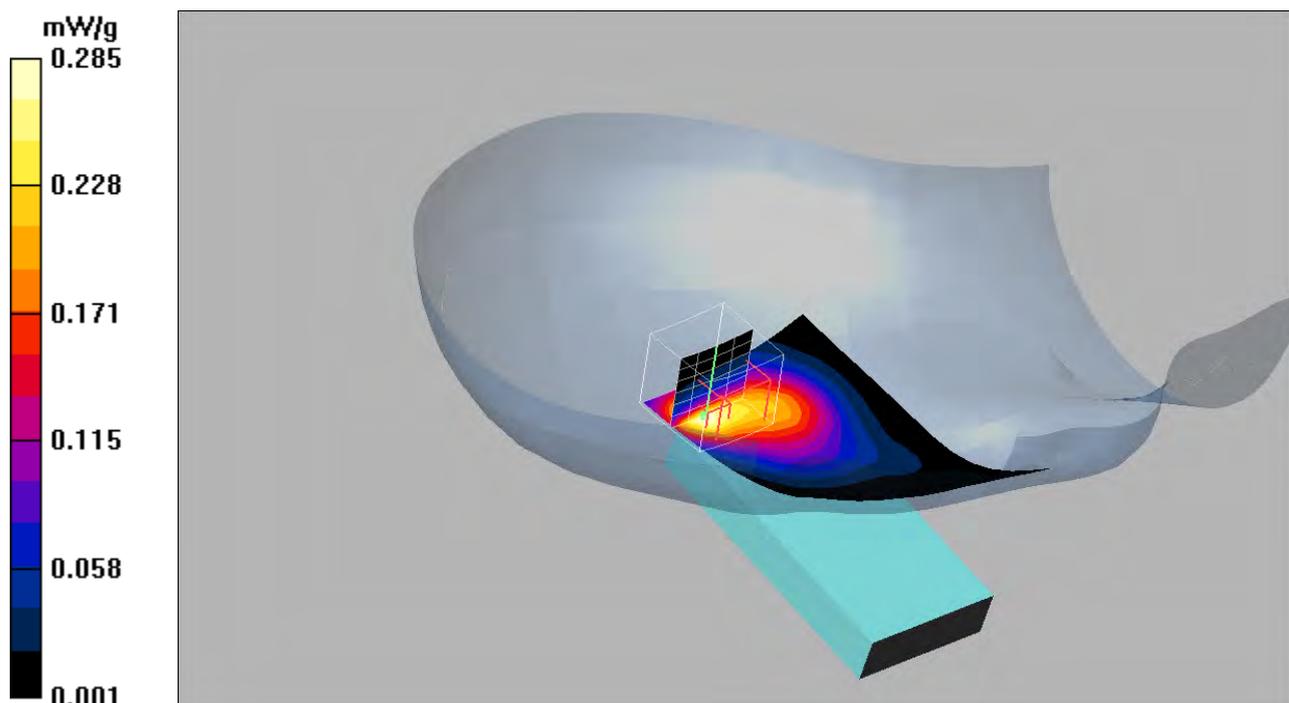
Right Tilt Middle/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.134 mW/g

Maximum value of SAR (measured) = 0.285 mW/g



Date/Time: 2009-06-26 18:18:31

Test Laboratory: Sony Ericsson Mobile Communications

Body PHF Wlan 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15653**

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(3.86, 3.86, 3.86); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used))
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

High FCC, PHF/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.254 mW/g

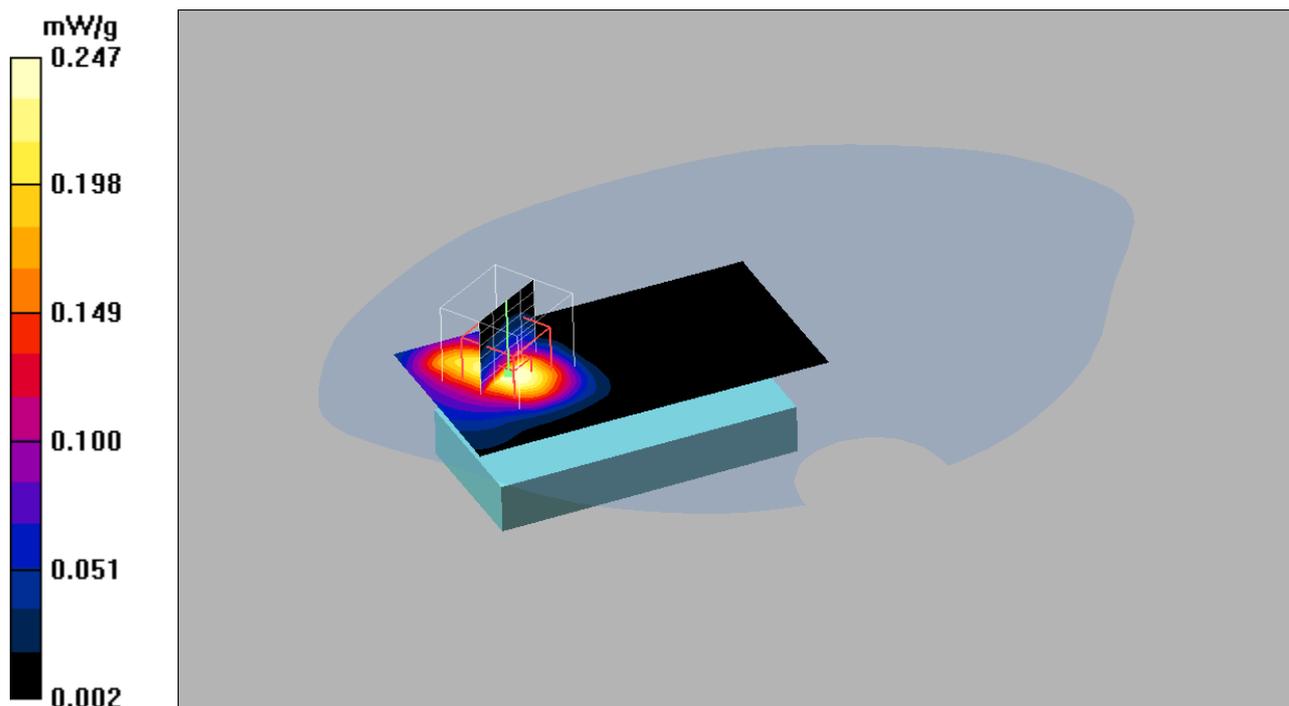
High FCC, PHF/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.500 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



Date/Time: 2009-06-26 17:02:40

Test Laboratory: Sony Ericsson Mobile Communications

Body BT Wlan 090626**DUT: PY7A3880037; Type: GSM+UMTS+Wlan; Serial: #15653**

Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ET3DV6 - SN1569; ConvF(3.86, 3.86, 3.86); Calibrated: 2009-01-12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn428; Calibrated: 2009-01-09
- Phantom: SAM 6; Type: SAM; Serial: 1351
- Measurement SW: DAS4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Low,BT/Area Scan (71x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.114 mW/g

Low,BT/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.84 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.110 mW/g

