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LD/SEMC/CCDALE *Kent Lorentzon*

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LD/SEMC/CCDALEC *Peter Lindeborg*

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No.

CCDA09:151.

Date

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**Report issued by Accredited SAR Laboratory****for**

FCC ID: PY7A3880024 (W508a)

**Date of test:** 2008-02-20 – 2008-03-19**Laboratory:** Sony Ericsson SAR Test Laboratory  
Sony Ericsson Mobile Communications AB  
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peter.lindeborg@sonyericsson.com  
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Sony Ericsson Mobile Communications AB declares under its sole responsibility that the product

**Sony Ericsson Type: AAD-3880024-BV****FCC ID: PY7A3880024****IC: 4170B-A3880024**

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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## 1 Introduction

In this test report, compliance of the Sony Ericsson PY7A3880024 (W508a) 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

<b>Company Name:</b>	Sony Ericsson Mobile Communications AB
<b>Address:</b>	Sony Ericsson Mobile China Beijing
<b>Contact Name:</b>	Roy Zhou

## 3 Device Under Test

### 3.1 Antenna Description

<b>Type</b>	Internal antenna	
<b>Location</b>	Bottom of phone	
<b>Main and BT antennas distance</b>	12,5 mm	
<b>Dimensions</b>	Max length	46 mm
	Max width	14 mm
<b>Configuration</b>	Monopole	

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### 3.2 Device Description

<b>Device model</b>	AAD-3880024-BV					
<b>Market name</b>	W508a					
<b>Serial number (EUT #)</b>	BX900GHNQX (#14543)					
<b>Mode</b>	GSM 850			GSM 1900		
<b>Crest factor</b>	8.3			8.3		
<b>Multiple access scheme</b>	TDMA			TDMA		
<b>Channel No.</b>	128	190	251	512	661	885
<b>Measured Power Level [dBm]<sup>1</sup> (#14543)</b>	32.7	32.9	32.8	31.0	30.9	30.9
<b>Product Maximum power Level [dBm]<sup>1</sup></b>	33.0	33.0	33.0	31.0	31.0	31.0
<b>Data mode</b>	GPRS			GPRS		
<b>Crest factor</b>	4.15			4.15		
<b>Measured Power Level [dBm]<sup>1</sup> (#14543)</b>	30.0	29.8	29.9	28.0	27.9	27.9
<b>Product Maximum power Level [dBm]<sup>1</sup></b>	30.0	30.0	30.0	28.0	28.0	28.0
<b>Data mode</b>	EDGE			EDGE		
<b>Crest factor</b>	4.15			4.15		
<b>Measured Power Level [dBm]<sup>1</sup> (#14543)</b>	27.4	27.2	27.3	26.6	26.4	26.4
<b>Product Maximum power Level [dBm]<sup>1</sup></b>	27.5	27.5	27.5	26.5	26.5	26.5
<b>Transmitting frequency range [MHz]</b>	824.0 - 849.0			1850.0 - 1910.0		

<b>Mode</b>	UMTS 2			UMTS 5		
<b>Crest factor</b>	1			1		
<b>Multiple access scheme</b>	WCDMA			WCDMA		
<b>Channel No.</b>	9262	9400	9538	2712	2788	2863
<b>Measured Power Level [dBm]<sup>1</sup> (#14543)</b>	23.0	22.9	22.9	22.9	22.9	22.9
<b>Product Maximum power Level [dBm]<sup>1</sup></b>	23.0	23.0	23.0	23.0	23.0	23.0
<b>Data Mode</b>	(See section 3.3)					
<b>Transmitting frequency range [MHz]</b>	1852.5 - 1907.6			882,4 – 912,6		

<b>GPRS Multislot class</b>	10
<b>EDGE class</b>	10
<b>GPRS Capability class</b>	B
<b>BT class and conducted power</b>	Class 1, 2,82 mW
<b>Prototype or production unit</b>	Preproduction
<b>Hardware Version</b>	AP2.1
<b>Software version</b>	R1DA017
<b>Device category</b>	Portable
<b>RF exposure environment</b>	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 #14543					1852,4	1880	1907,6	826,4	836,4	846,6
	$\beta\text{C}$	$\beta\text{D}$	$\Delta\text{HS}$	max->	Band 2			Band 5		
					23,0	23,0	23,0	23,0	23,0	23,0
CS - RMC	8	15	-		23,0	23,0	23,1	23,2	23,1	23,1
CS - voice	8	15	-		23,1	23,0	23,0	23,2	23,2	23,2
HSDPA - 1	2	15	8		23,0	23,0	23,0	23,1	23,0	23,0
HSDPA - 2	12	15	8		21,8	21,6	21,6	21,9	21,8	21,8
HSDPA - 3	15	8	8		21,8	21,5	21,5	21,9	21,8	21,7
HSDPA - 4	15	4	8		20,7	20,6	20,4	21,0	20,8	20,7

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:

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

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

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

NOTE: None of the HSDPA settings lead 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.

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## 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
E-field probe ET3DV6	3062	2010-01
Dipole Validation Kit, D835V2	4d039	2010-01
Dipole Validation Kit, D835V2	484	2011-01
Dipole Validation Kit, D1900V2	5d002	2011-01
Dipole Validation Kit, D1900V2	5d073	2010-01

### 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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## 5 Electrical parameters on the tissue simulating liquid

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

f [MHz]	Tissue type	Measured / Recommended	Dielectric Parameters		Density
			$\epsilon_r$	$\sigma$ [S/m]	$\rho$ [g/cm <sup>3</sup> ]
835	Head	Measured, 2009-02-24	42.70	0.90	1.00
		Recommended	41.50	0.90	1.00
835	Body	Measured, 2009-03-18	52.69	0.97	1.00
		Recommended	55.20	0.97	1.00
835	Head	Measured, 2009-03-05	43.15	0.91	1.00
		Recommended	41.50	0.90	1.00
1900	Head	Measured, 2009-03-13	39.69	1.46	1.00
		Recommended	40.00	1.40	1.00
1900	Body	Measured, 2009-03-19	53.71	1.57	1.00
		Recommended	53.30	1.52	1.00
1900	Head	Measured, 2009-03-10	39.69	1.46	1.00
		Recommended	40.00	1.40	1.00

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## 6 System accuracy verification

A system accuracy verification of the DASY4 was performed using the dipole validation kit listed in section 3.1. 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 had 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]
				$\epsilon_r$	$\sigma$ [S/m]	$\rho$ [g/cm <sup>3</sup> ]	
835	Head	Measured, 2009-02-24	9.82	42.70	0.90	1.00	22.0
		Reference	9.41	41.50	0.90	1.00	22.0
835	Body	Measured, 2009-03-18	10.30	52.69	0.97	1.00	20.5
		Reference	9.41	55.20	0.97	1.00	22.0
835	Head	Measured, 2009-03-05	10.30	43.15	0.91	1.00	20.3
		Reference	9.74	41.50	0.90	1.00	22.0
1900	Head	Measured, 2009-03-13	42.40	39.69	1.46	1.00	22.0
		Reference	39.90	40.00	1.40	1.00	22.0
1900	Body	Measured, 2009-03-19	41.30	53.71	1.57	1.00	20.7
		Reference	37.90	53.30	1.52	1.00	22.0
1900	Head	Measured, 2009-03-10	41.10	39.69	1.46	1.00	22.0
		Reference	39.90	40.00	1.40	1.00	22.0



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## 7 SAR measurement uncertainty

### SAR measurement uncertainty evaluation for Sony Ericsson PY7A3880024 (W508a) phone According to IEEE 1528

Uncertainty Component	Uncer. (%)	Prob Dist.	Div.	C <sub>i</sub>	1g mass
<b>Measurement System</b>					
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
<b>Measurement System Uncertainty</b>					±8.4
<b>Test Sample Related</b>					
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
<b>Test Sample Related Uncertainty</b>					±5.5
<b>Phantom and Tissue Parameters</b>					
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
<b>Phantom and Tissue Parameters Uncertainty</b>					±4.1
<b>Combined standard uncertainty</b>					±10.8
<b>Extended standard uncertainty (k=2)</b>					±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.

Band	Channel	Measured output power <sup>1</sup> [dBm]	Position	Liquid T [°C]	Measured SAR [W/kg]	
					Left-hand 1g mass	Right-hand 1g mass
GSM 850	128	32.7	Cheek	22.0	0,45	0,46
			Tilt	22.0	-	-
	190	32.9	Cheek	22.0	0,64	0,57
			Tilt	22.0	0,33	0,31
	251	32.8	Cheek	22.0	<b>0,71</b>	0,66
			Tilt	22.0	-	-
GSM 1900	512	31.0	Cheek	22.0	0,53	0,45
			Tilt	22.0	-	-
	661	30.9	Cheek	22.0	0,56	0,46
			Tilt	22.0	0,16	0,20
	810	30.9	Cheek	22.0	<b>0,60</b>	0,50
			Tilt	22.0	-	-
UMTS 2	9262	23.0	Cheek	22.0	0,75	0,77
			Tilt	22.0	-	-
	9400	22.9	Cheek	22.0	0,75	0,76
			Tilt	22.0	0,23	0,32
	9538	22.9	Cheek	22.0	0,79	<b>0,92</b>
			Tilt	22.0	-	-

Table 1: SAR measurement result for Sony Ericsson PY7A3880024 telephone at highest possible output power. Measured towards the head.

<sup>1</sup> Measured output values were provided by the customer.

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Band	Channel	Measured output power <sup>1</sup> [dBm]	Position	Liquid T [°C]	Measured SAR [W/kg]	
					Left-hand 1g mass	Right-hand 1g mass
UMTS5	4132	22.9	Cheek	20.3	0,51	0,53
			Tilt	20.3	-	-
	4183	22.9	Cheek	20.3	<b>0,56</b>	0,54
			Tilt	20.3	0,38	0,30
	4233	22.9	Cheek	20.3	0,48	<b>0,56</b>
			Tilt	20.3	-	-

**Table 1 Continued: SAR measurement result for Sony Ericsson PY7A3880024 telephone at highest possible output power. Measured towards the head.**

<sup>1</sup> Measured output values were provided by the customer.

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Band	Channel	Measured output power <sup>1</sup> [dBm]	Position / Mode	Liquid T [°C]	Measured SAR [W/kg] 1g mass
GSM 850	128	32.7	Back / CS	20.5	0,70
		30.0	Back / GPRS	20.5	0,70
	190	32.9	Back / CS	20.5	0,59
		29.8	Back / GPRS	20.5	0,80
	251	32.8	Back / CS	20.5	0,51
		32.8	Back / PHF	20.5	0,49
		27.3	Back / EGPRS	20.5	0,51
		29.9	Front / GPRS	20.5	0,41
		29.9	Back / GPRS	20.5	<b>0,88</b>
GSM 1900	512	31.0	Back / CS	20.7	0,75
		28.0	Back / GPRS	20.7	0,68
	661	30.9	Back / CS	20.7	<b>0,92</b>
		27.9	Back / GPRS	20.7	0,72
	810	30.9	Back / CS	20.7	0,85
		27.9	Back / GPRS	20.7	0,80
		30.9	Back / PHF	20.7	0,50
		26.4	Back / EGPRS	20.7	0,47
		27.9	Front / GPRS	20.7	0,25
UMTS B2	9262	23.0	Back / CS	20.7	1,05
		23.2	Back / HSDPA	20.7	0,92
	9400	22.9	Back / CS	20.7	<b>1,14</b>
		23.2	Back / HSDPA	20.7	1,06
		22.9	Back / PHF	20.7	0,74
		22.9	Front / CS	20.7	0,39
	9538	22.9	Back / CS	20.7	1,13
		23.2	Back / HSDPA	20.7	1,08
UMTS B5	4132	22.9	Back / CS	20.5	0,43
		22.9	Back / PHF	20.5	0,39
		23.1	Back / HSDPA	20.5	0,38
	4183	22.9	Back / CS	20.5	<b>0,51</b>
		22.9	Front / CS	20.5	0,23
		23.2	Back / HSDPA	20.5	0,48
	4233	22.9	Back / CS	20.5	0,39
		23.2	Back / HSDPA	20.5	0,37

**Table 2: SAR measurement result for Sony Ericsson PY7A3880024 telephone at highest possible output power. Measured towards the body.**

<sup>1</sup> Measured output values were provided by the customer.



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- [ 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 KDB648474. "SAR Evaluation Consideration for HANDSETS with Multiple Transmitters and Antenna", April 2008.
- [ 6 ] 3GPP TS 34.121 Universal Mobile Telecommunications System (UMTS); Terminal Conformance Specification, Radio Transmission and Reception (FDD).

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## Appendix

### 9.1 Photographs of the device under test



Front



Sides



Back side with battery



Back

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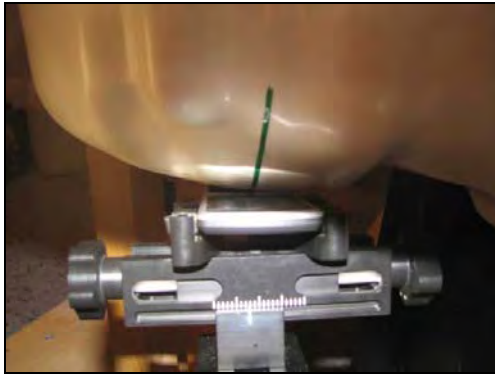
Rev

A

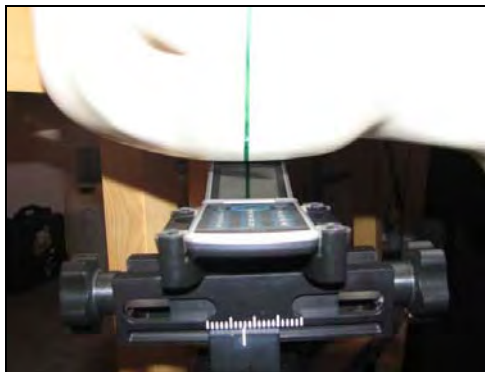
Reference

File

## 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*

Company Internal  
REPORT

Prepared (also subject responsible if other)

LD/SEMC/CCDALE *Kent Lorentzon*

Approved

LD/SEMC/CCDALEC *Peter Lindeborg*

Checked

PL

No.

CCDA09:151.

Date

090331

Rev

A

Reference

File



*DUT in body position with 15 mm distance*



**Company Internal  
REPORT**

Prepared (also subject responsible if other)

LD/SEMC/CCDALE *Kent Lorentzon*

Approved

LD/SEMC/CCDALEC *Peter Lindeborg*

Checked

PL

No.

CCDA09:151.

Date

090331

Rev

A

Reference

File

**9.3 Attachments**

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

Date/Time: 2009-02-24 14:32:07

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 835MHz Head 090224****DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d039**

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.0 V/m; Power Drift = -0.083 dB

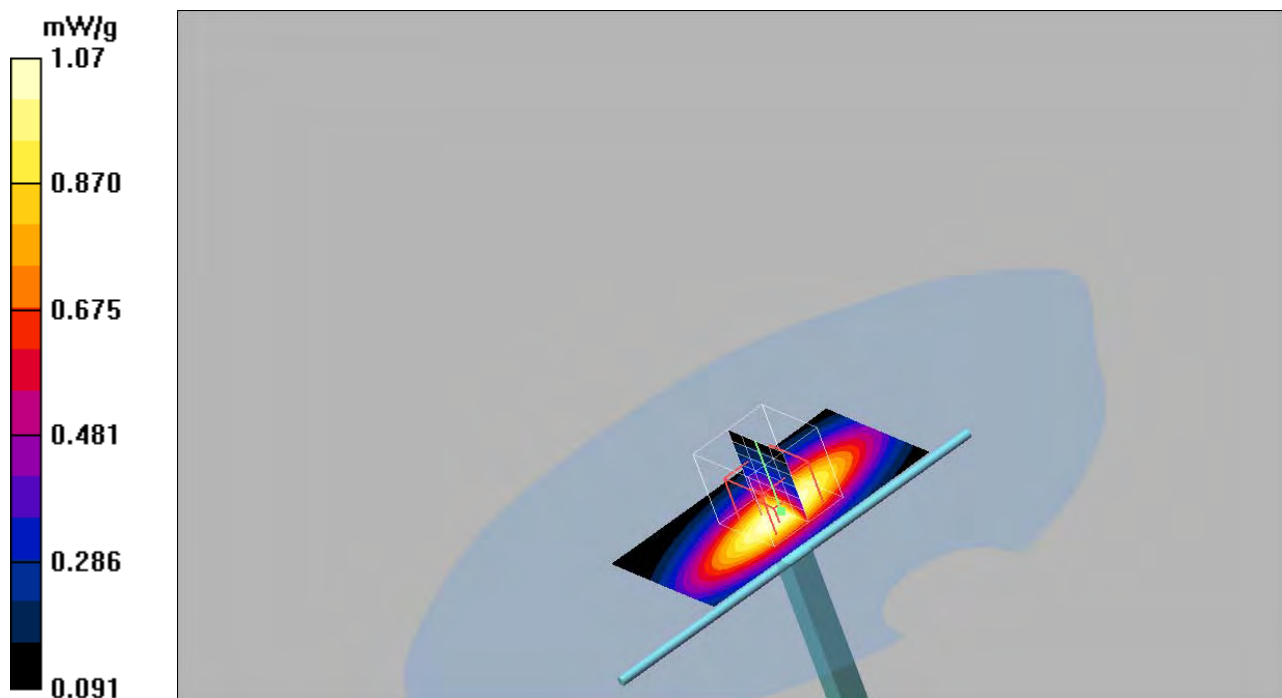
Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.642 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g

**835 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.07 mW/g



Date/Time: 2009-03-05 09:23:06

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 835MHz Head 090305****DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:484**

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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 (61x101x1):** Measurement grid: dx=10mm, dy=10mm

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

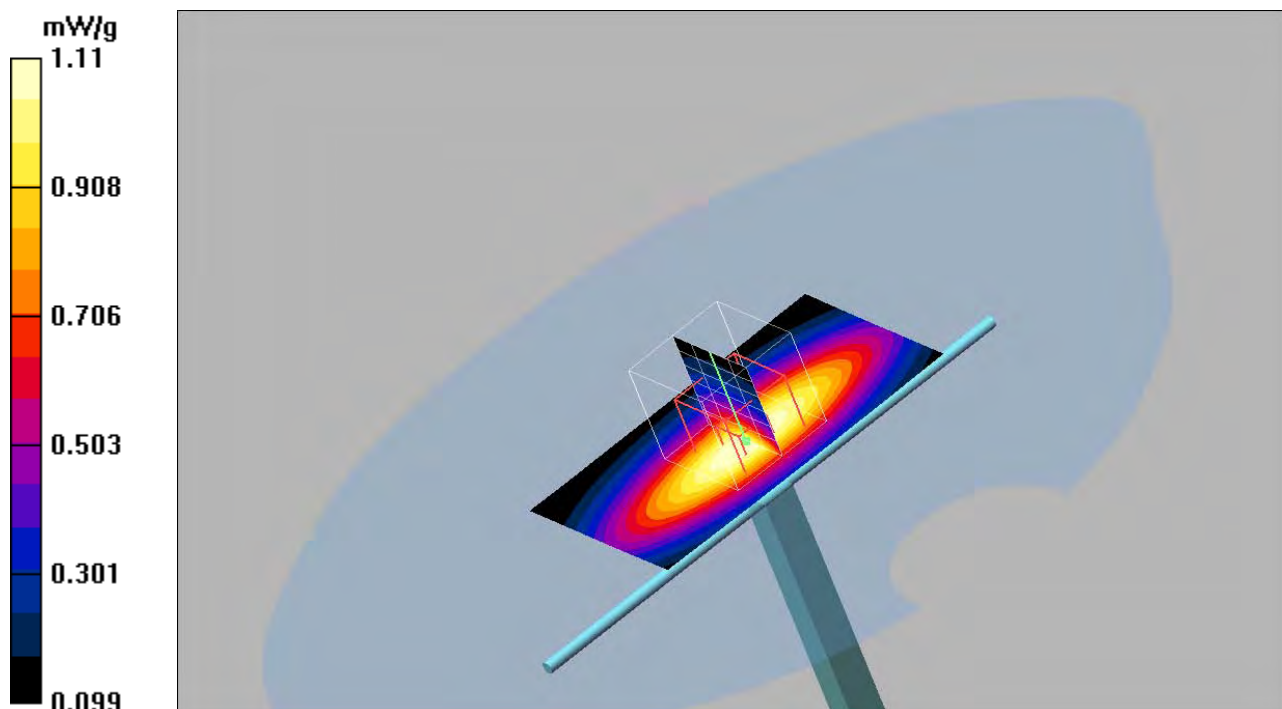
**835 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.674 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



Date/Time: 2009-03-18 08:52:59

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 835MHz Body 090318****DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d039**

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**835 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.11 mW/g

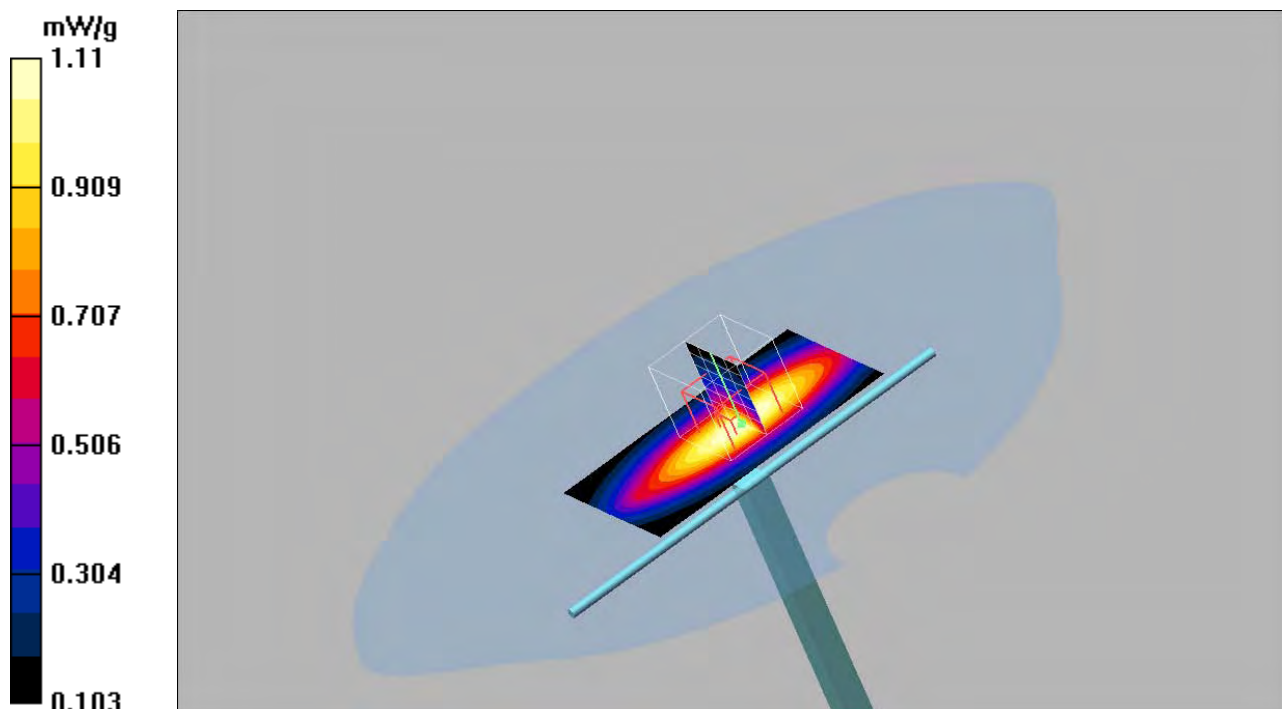
**835 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.2 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.675 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



Date/Time: 2009-03-10 10:03:42

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 1900MHz Head 090310****DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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

**1900 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.58 mW/g

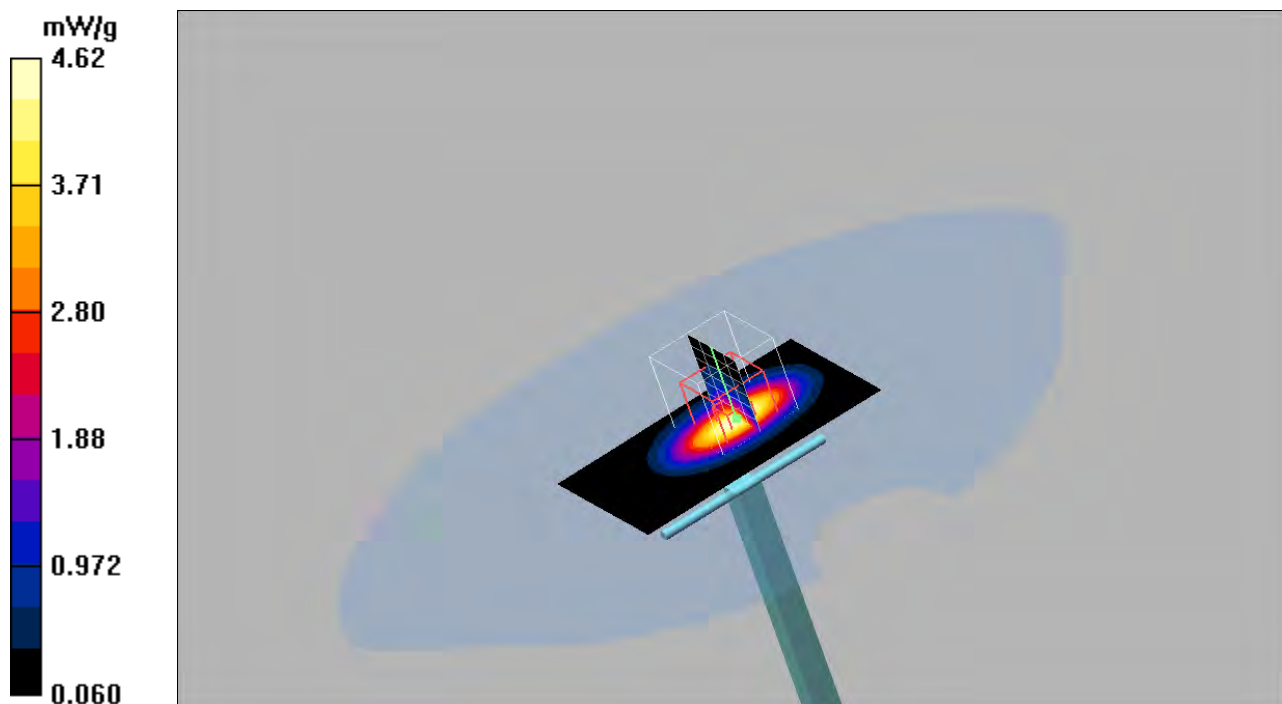
**1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.5 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 7.87 W/kg

**SAR(1 g) = 4.11 mW/g; SAR(10 g) = 2.09 mW/g**

Maximum value of SAR (measured) = 4.62 mW/g



Date/Time: 2009-03-13 07:29:02

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 1900MHz Head 090313****DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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

**1900 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.72 mW/g

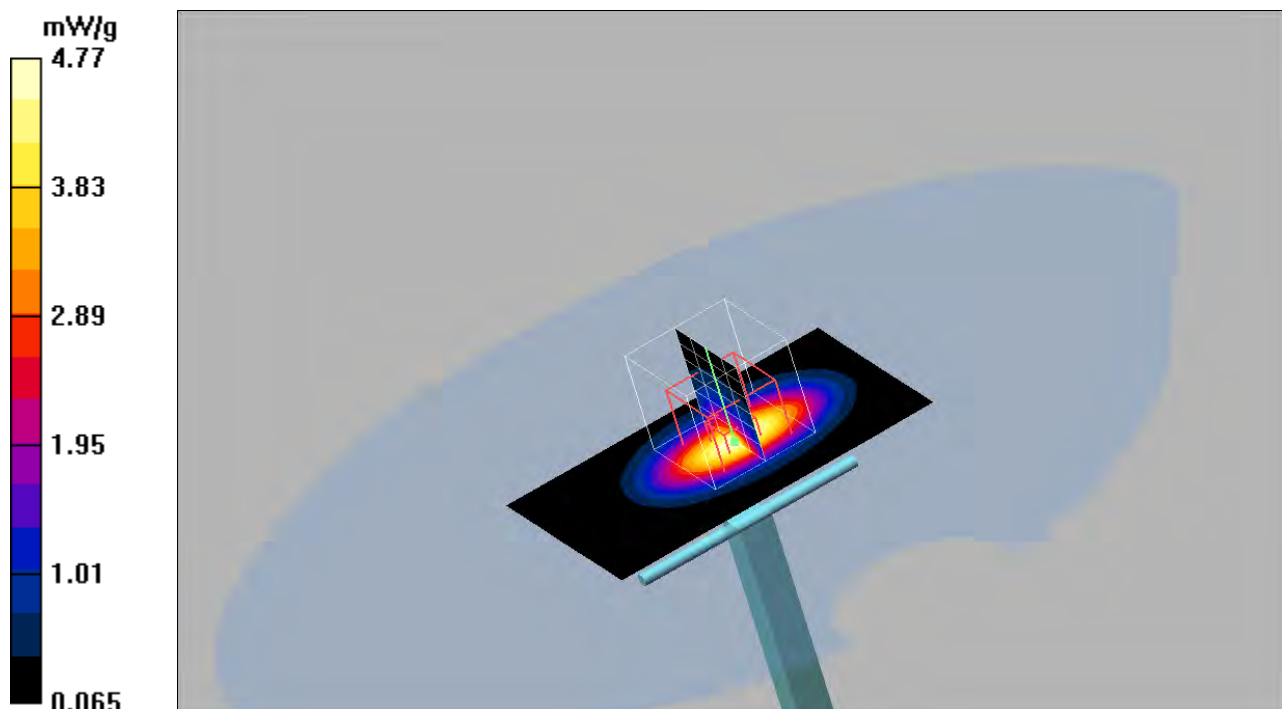
**1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.2 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 7.99 W/kg

**SAR(1 g) = 4.24 mW/g; SAR(10 g) = 2.16 mW/g**

Maximum value of SAR (measured) = 4.77 mW/g



Date/Time: 2009-03-19 08:21:02

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 1900MHz Body 090319****DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d073**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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

**1900 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.79 mW/g

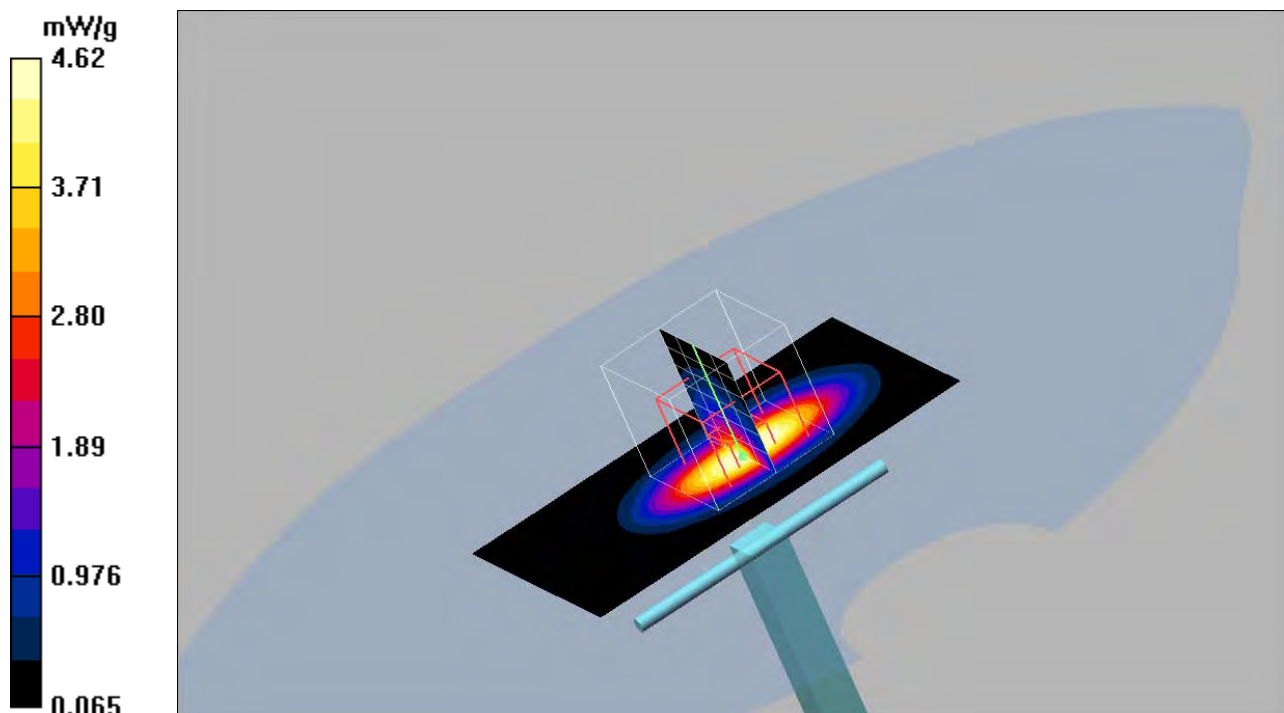
**1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.8 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 7.26 W/kg

**SAR(1 g) = 4.13 mW/g; SAR(10 g) = 2.13 mW/g**

Maximum value of SAR (measured) = 4.62 mW/g





Date/Time: 2009-02-24 16:00:33

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.765 mW/g

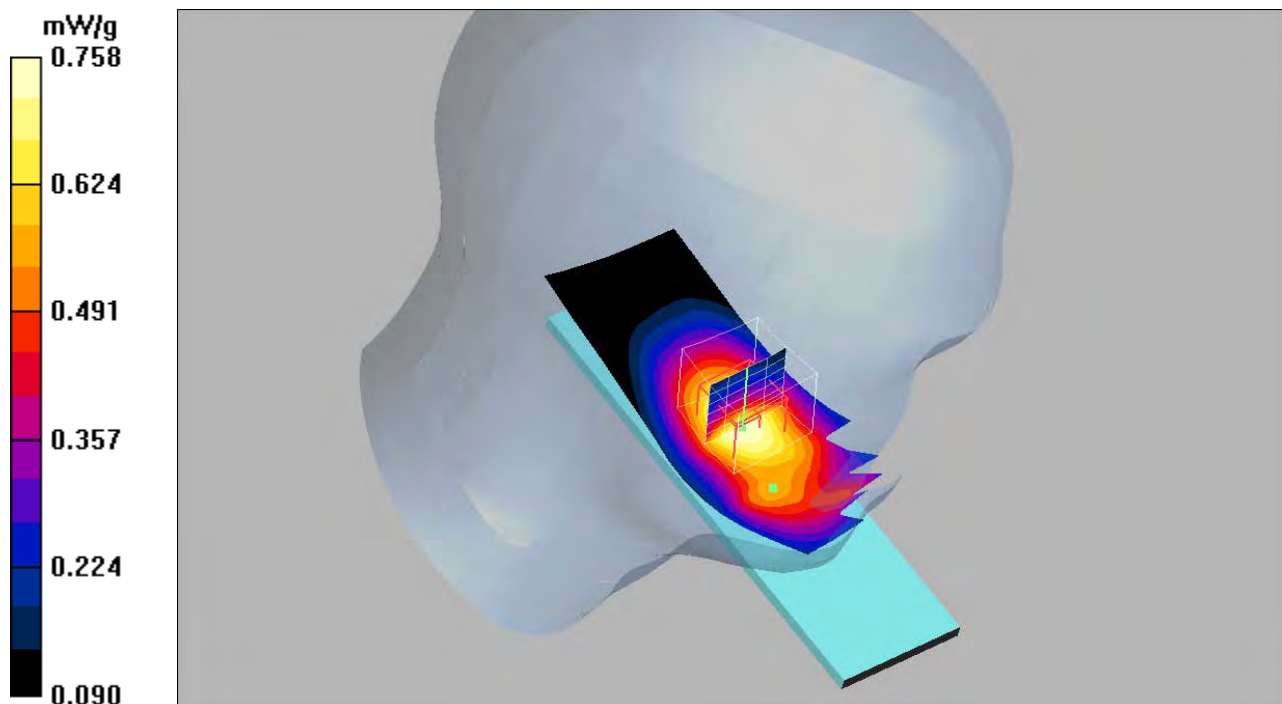
**Left Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.898 W/kg

**SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.522 mW/g**

Maximum value of SAR (measured) = 0.758 mW/g





Date/Time: 2009-02-24 15:21:15

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.346 mW/g

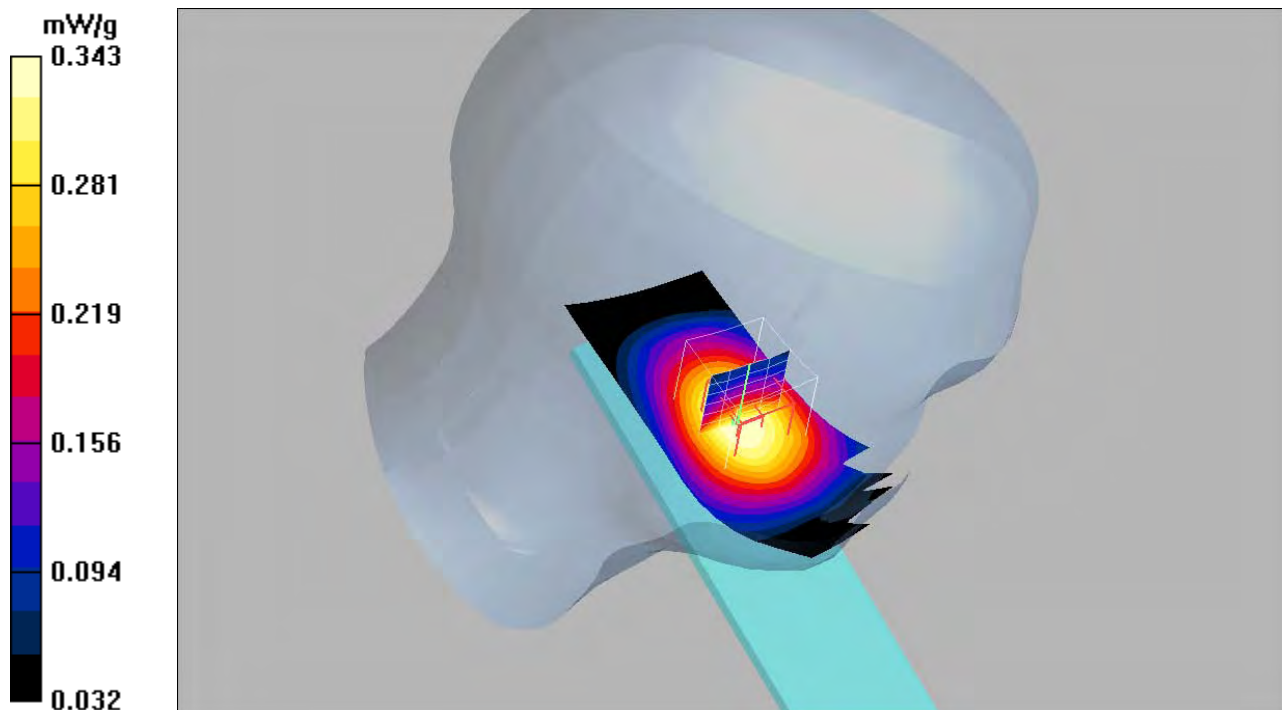
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.411 W/kg

**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.246 mW/g**

Maximum value of SAR (measured) = 0.343 mW/g



Date/Time: 2009-02-24 17:57:23

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.711 mW/g

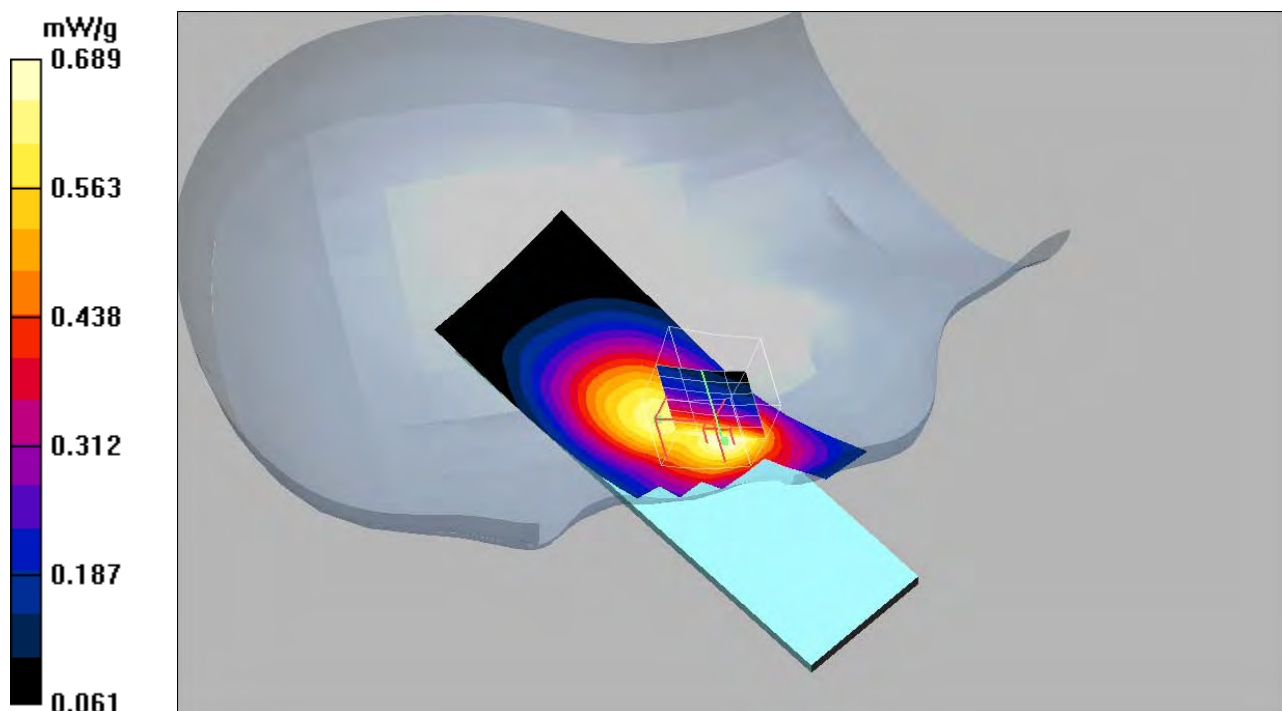
**Right Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.98 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.443 mW/g**

Maximum value of SAR (measured) = 0.689 mW/g



Date/Time: 2009-02-24 17:15:19

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY4 (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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASY4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.328 mW/g

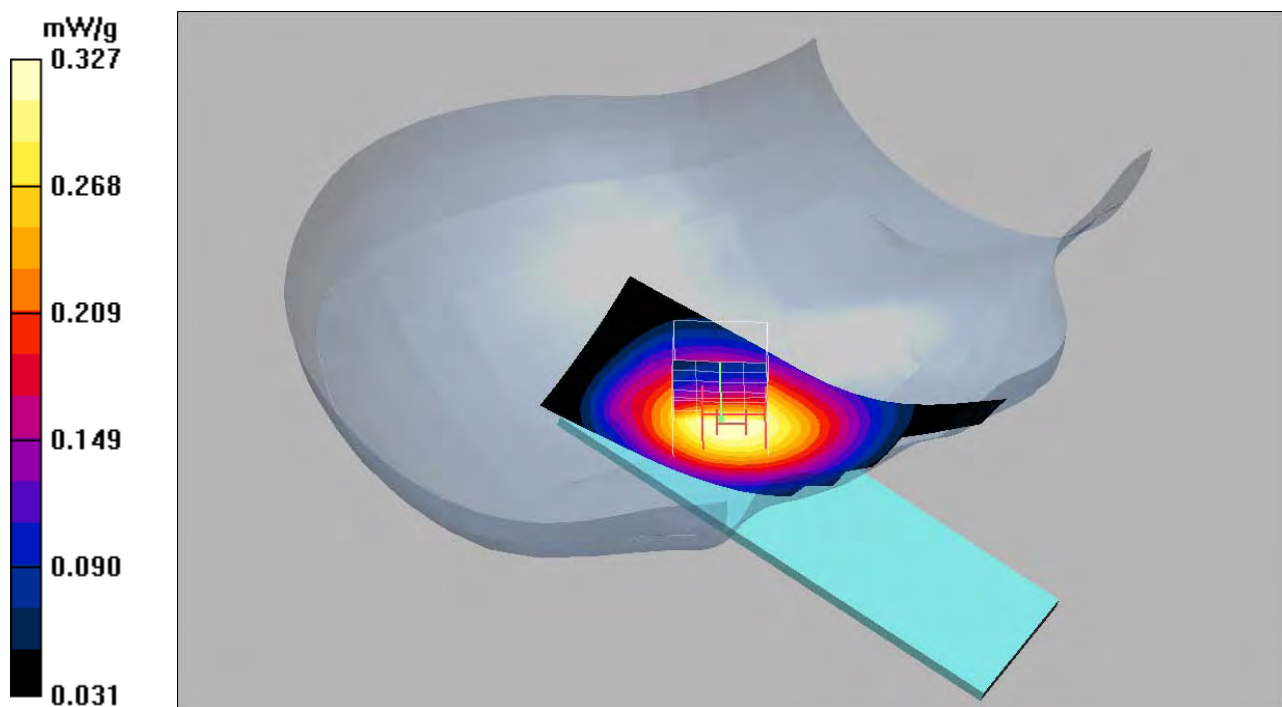
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 0.327 mW/g



Date/Time: 2009-03-18 10:44:59

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_PHF\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, High PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.566 mW/g

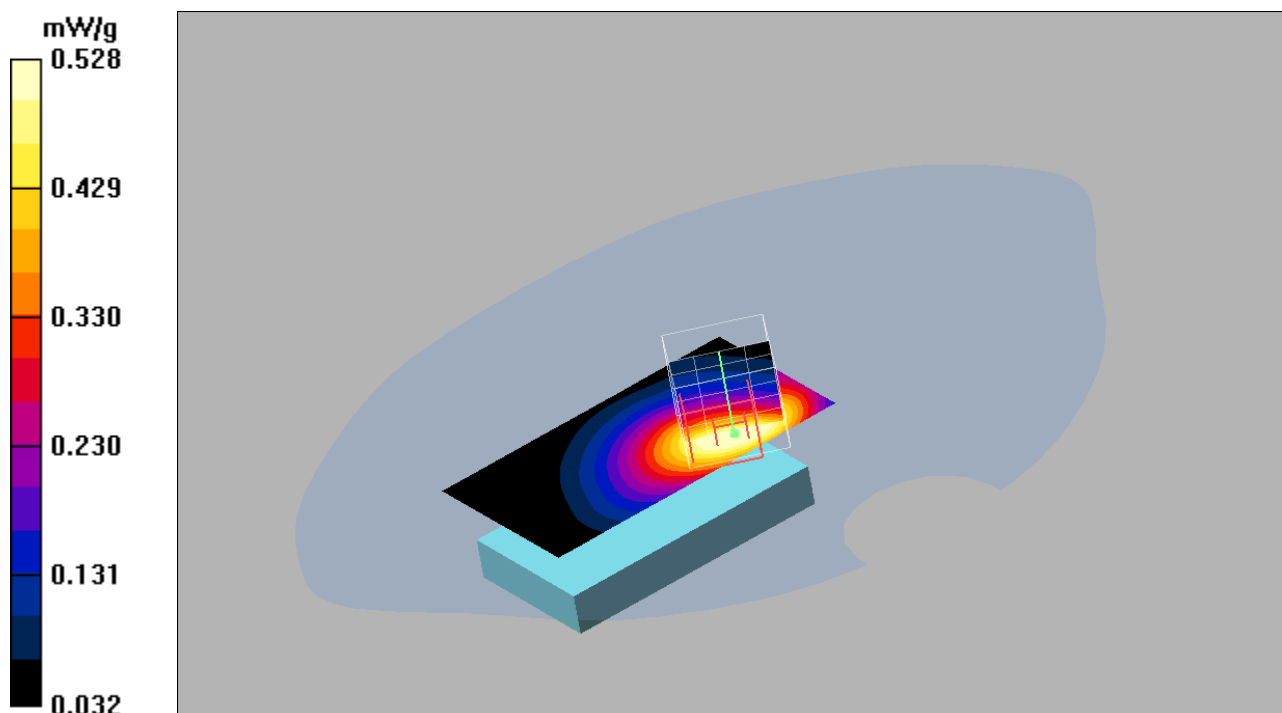
**Speech, High PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.732 W/kg

**SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 0.528 mW/g



Date/Time: 2009-03-18 11:32:39

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Low BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

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

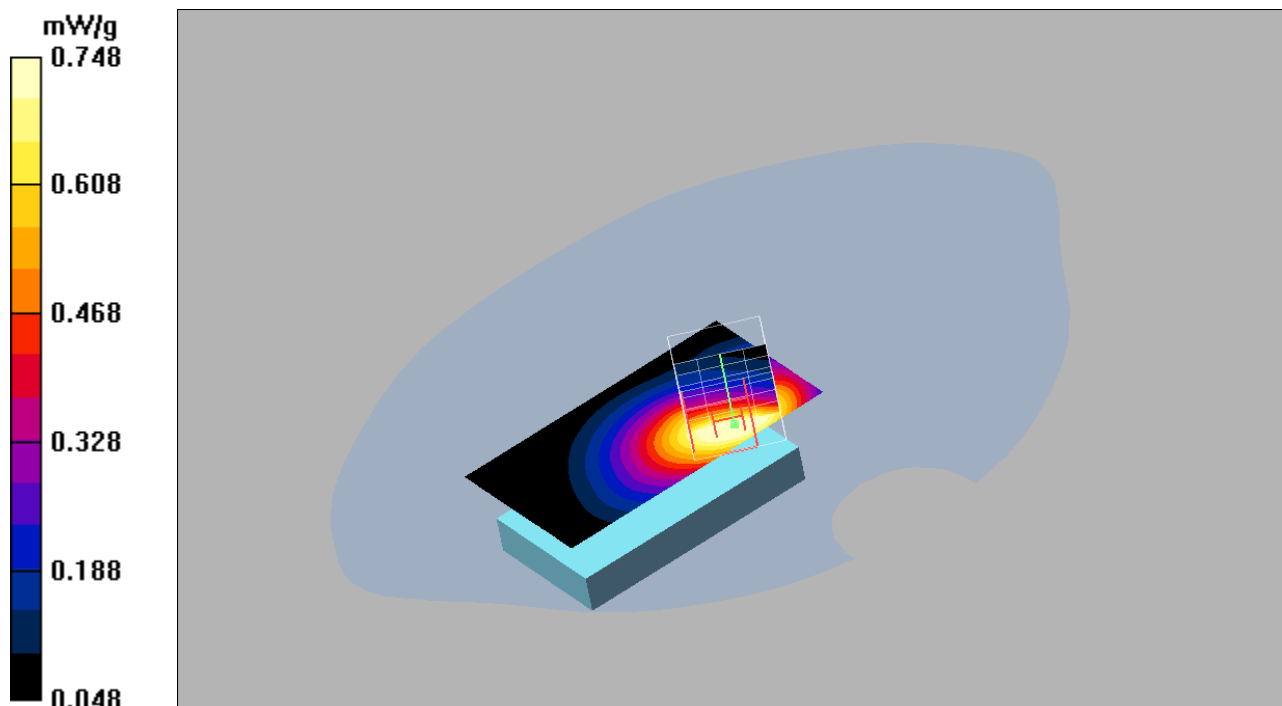
**Speech, Low BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 0.748 mW/g



Date/Time: 2009-03-18 10:07:04

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_Front\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz\_GPRS2Slots; Frequency: 848.8 MHz; Duty Cycle: 1:4.15  
 Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High Front/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.466 mW/g

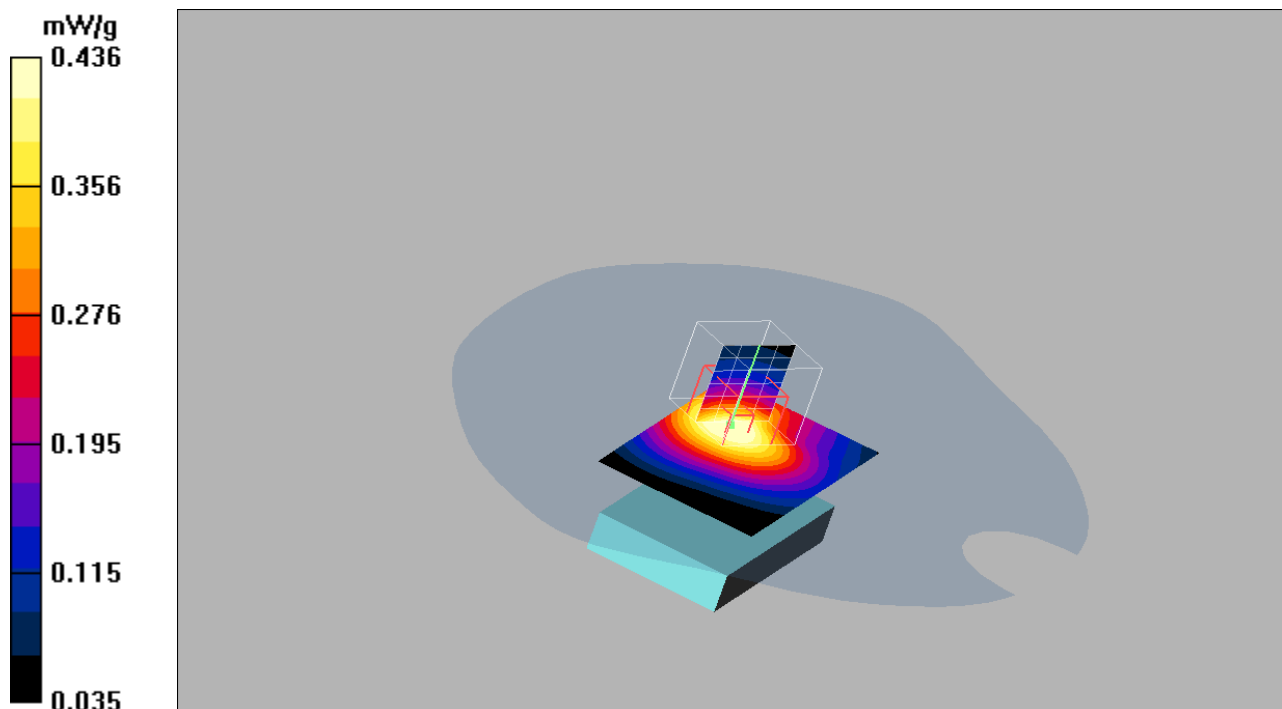
**GPRS 2TS, High Front/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.285 mW/g**

Maximum value of SAR (measured) = 0.436 mW/g



Date/Time: 2009-03-18 09:51:46

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz\_GPRS2Slots; Frequency: 848.8 MHz; Duty Cycle: 1:4.15  
 Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.01 mW/g

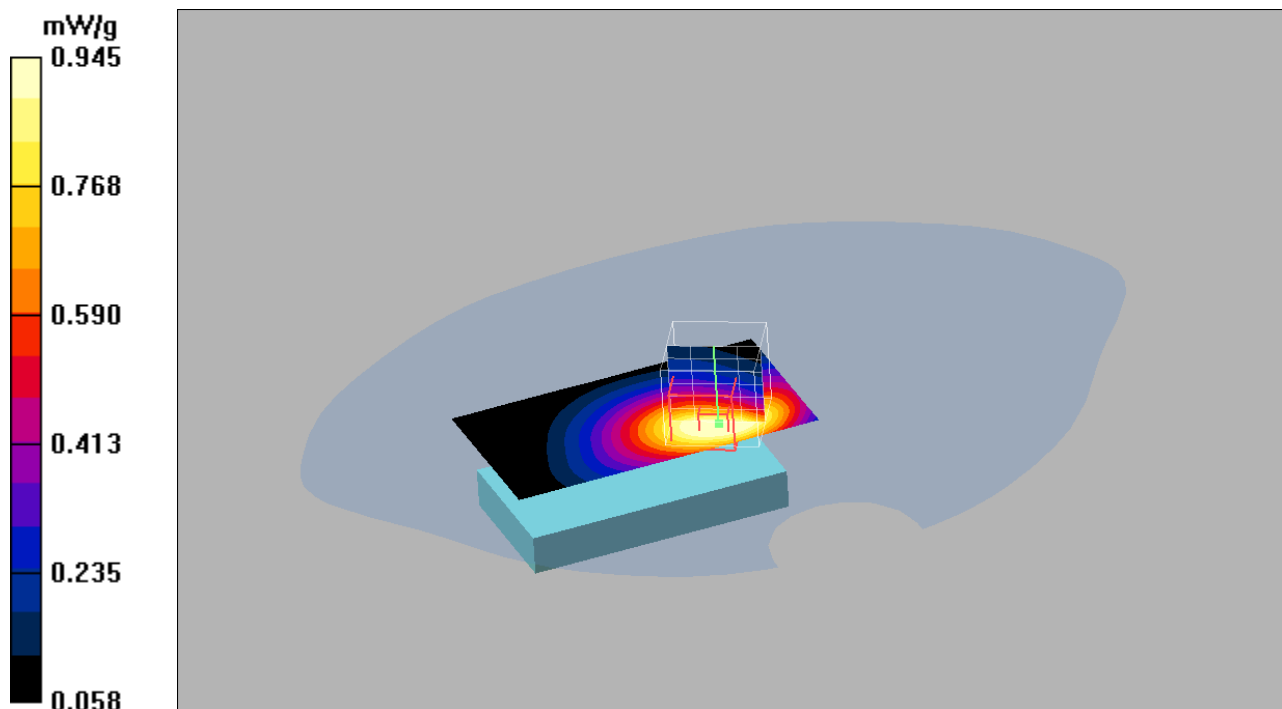
**GPRS 2TS, High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,  
 dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.583 mW/g**

Maximum value of SAR (measured) = 0.945 mW/g





Date/Time: 2009-03-10 13:06:59

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.727 mW/g

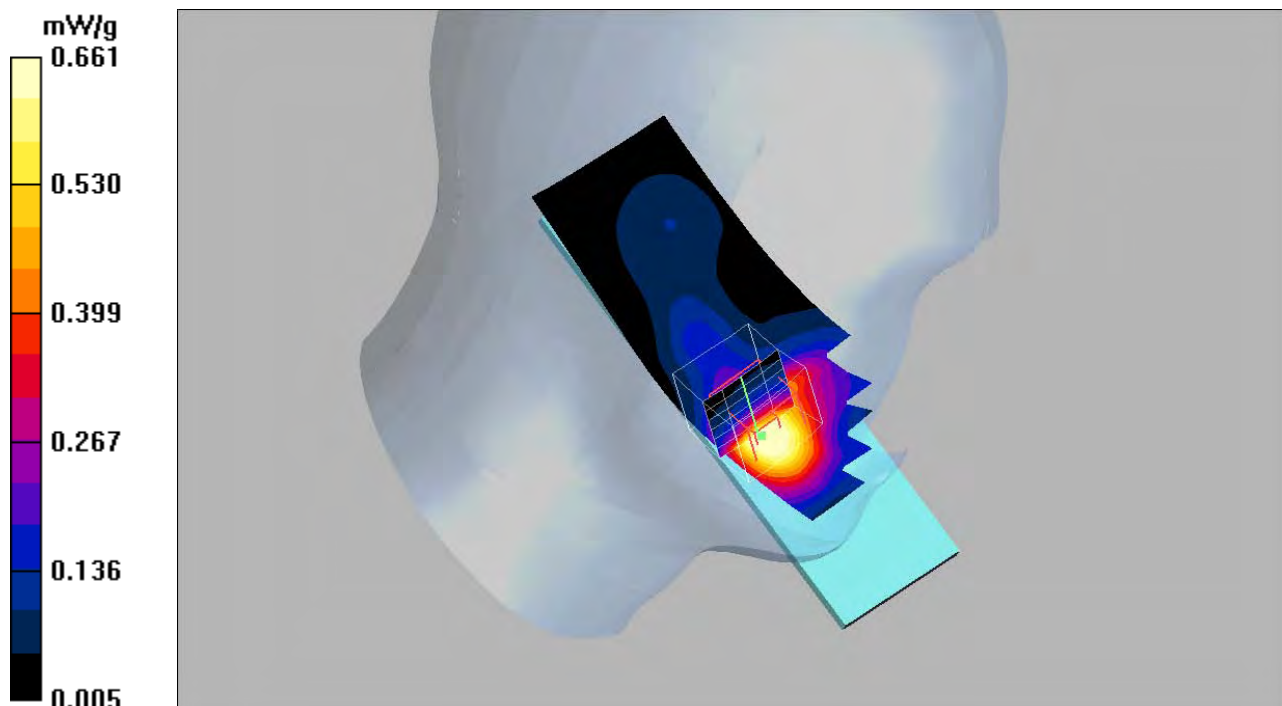
**Left Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.985 W/kg

**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 0.661 mW/g





Date/Time: 2009-03-10 12:21:13

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.188 mW/g

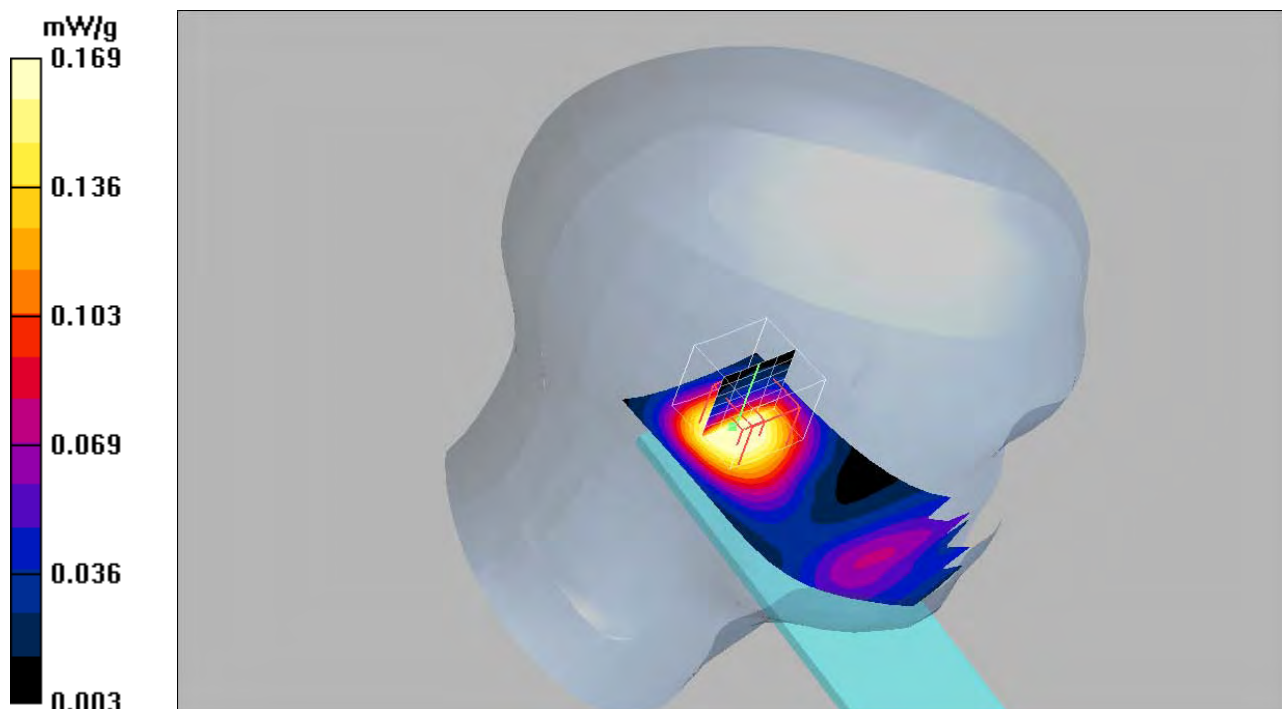
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.58 V/m; Power Drift = 0.322 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g



Date/Time: 2009-03-10 15:20:18

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.581 mW/g

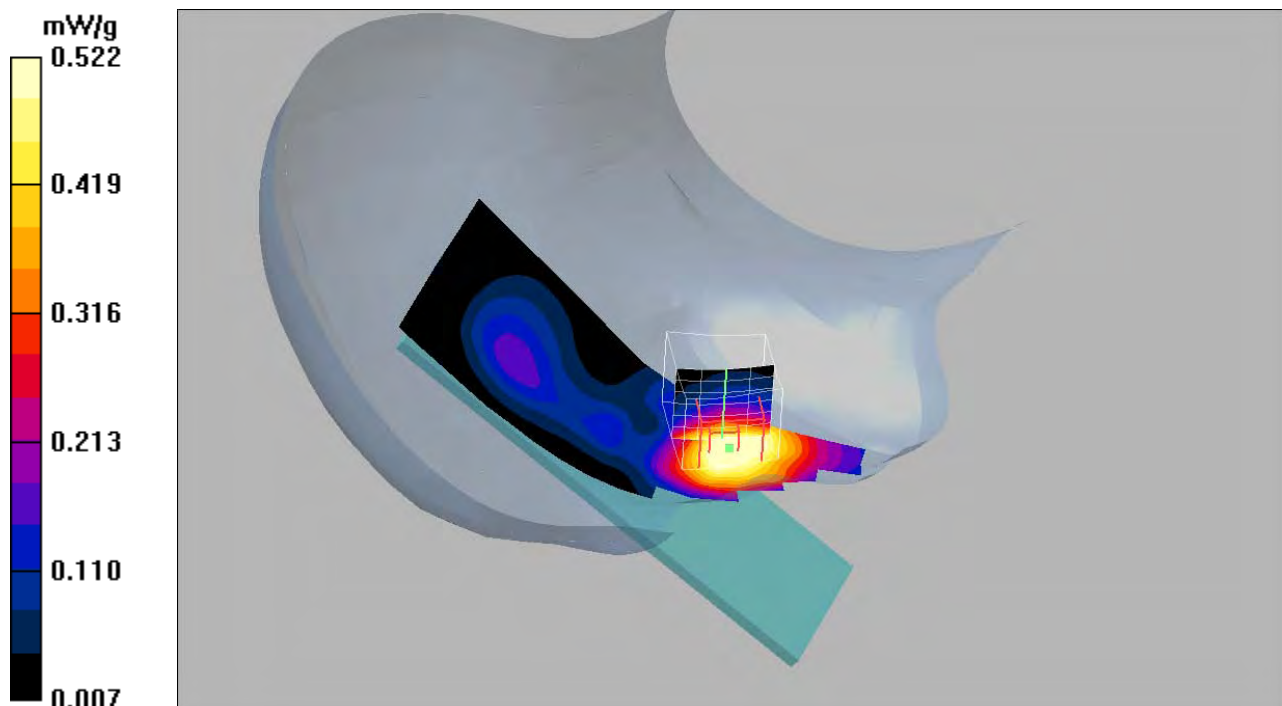
**Right Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.78 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.797 W/kg

**SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.313 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g



Date/Time: 2009-03-10 14:31:18

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.242 mW/g

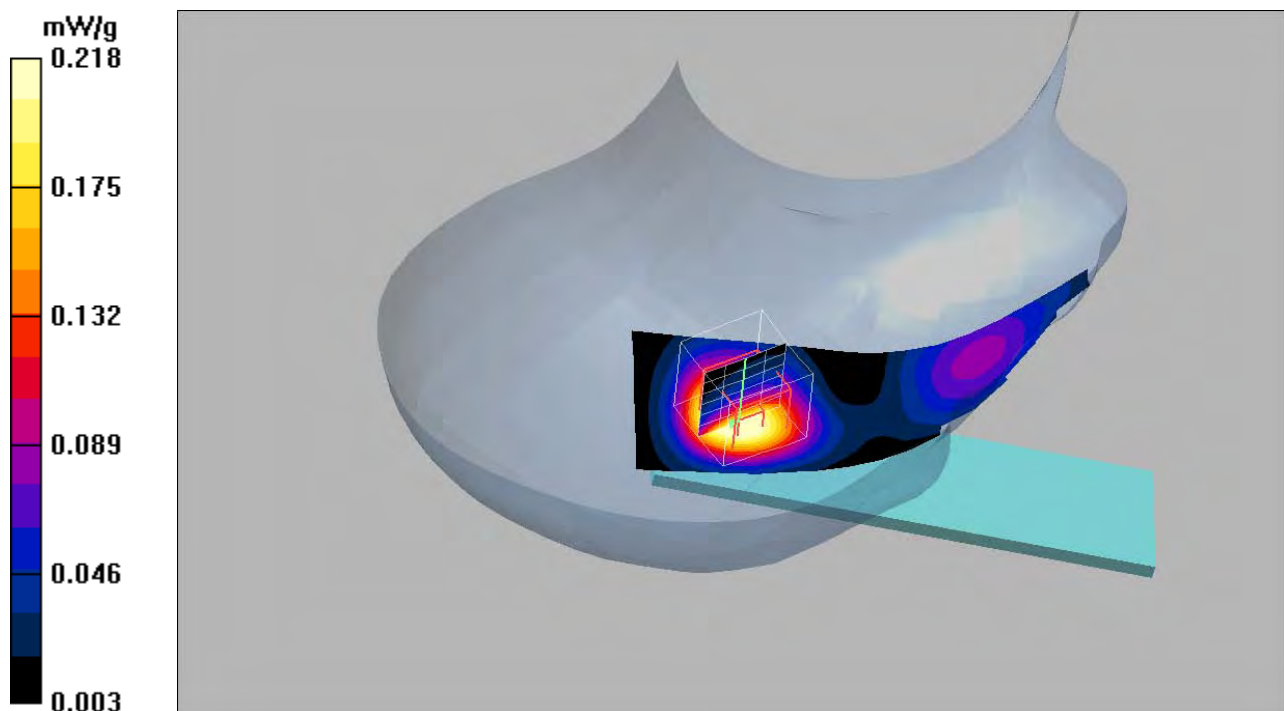
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.79 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.218 mW/g



Date/Time: 2009-03-19 12:54:39

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_PHF\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, High PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.613 mW/g

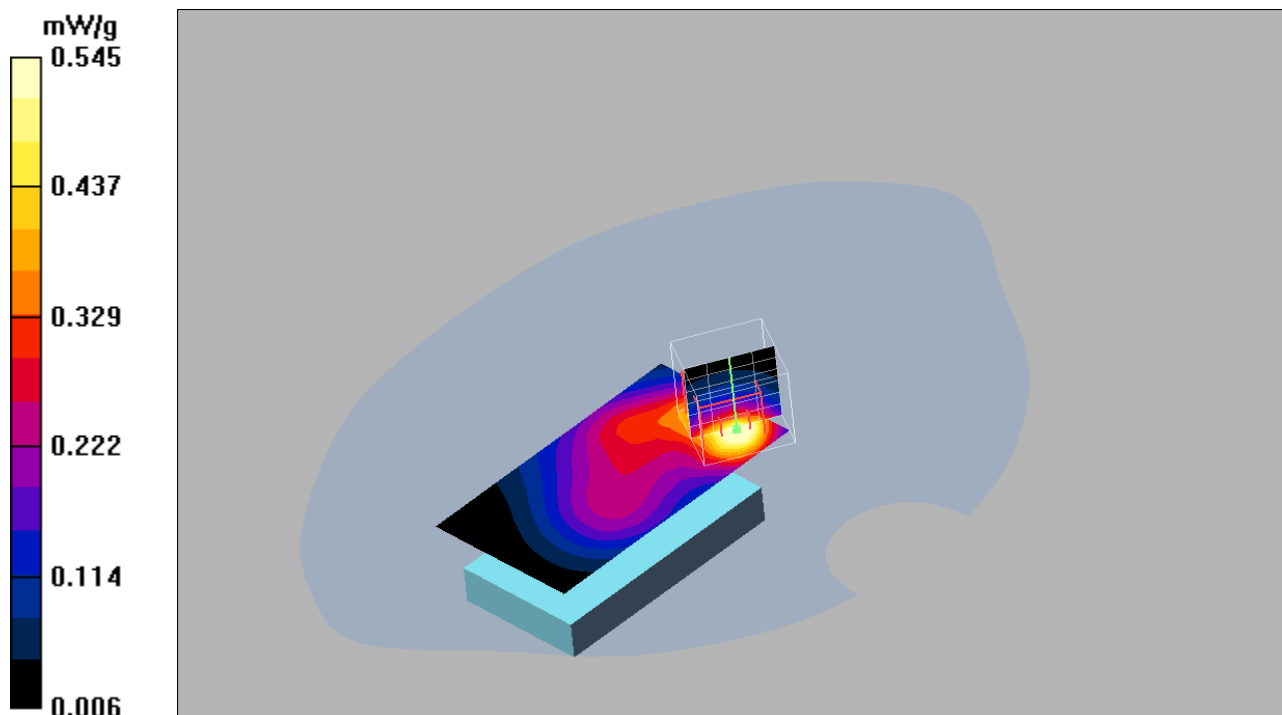
**Speech, High PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.282 mW/g**

Maximum value of SAR (measured) = 0.545 mW/g



Date/Time: 2009-03-19 13:51:38

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Middle BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.11 mW/g

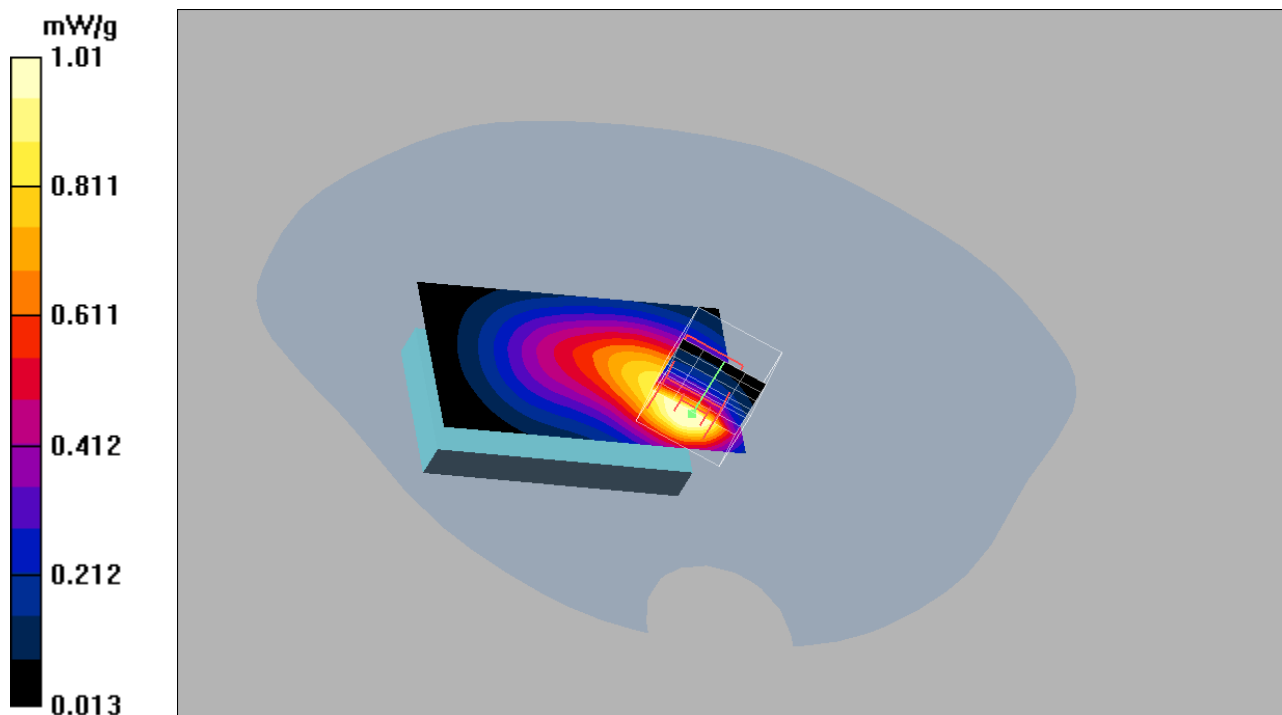
**Speech, Middle BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.547 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g



Date/Time: 2009-03-19 14:06:30

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_Front\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High Front/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.302 mW/g

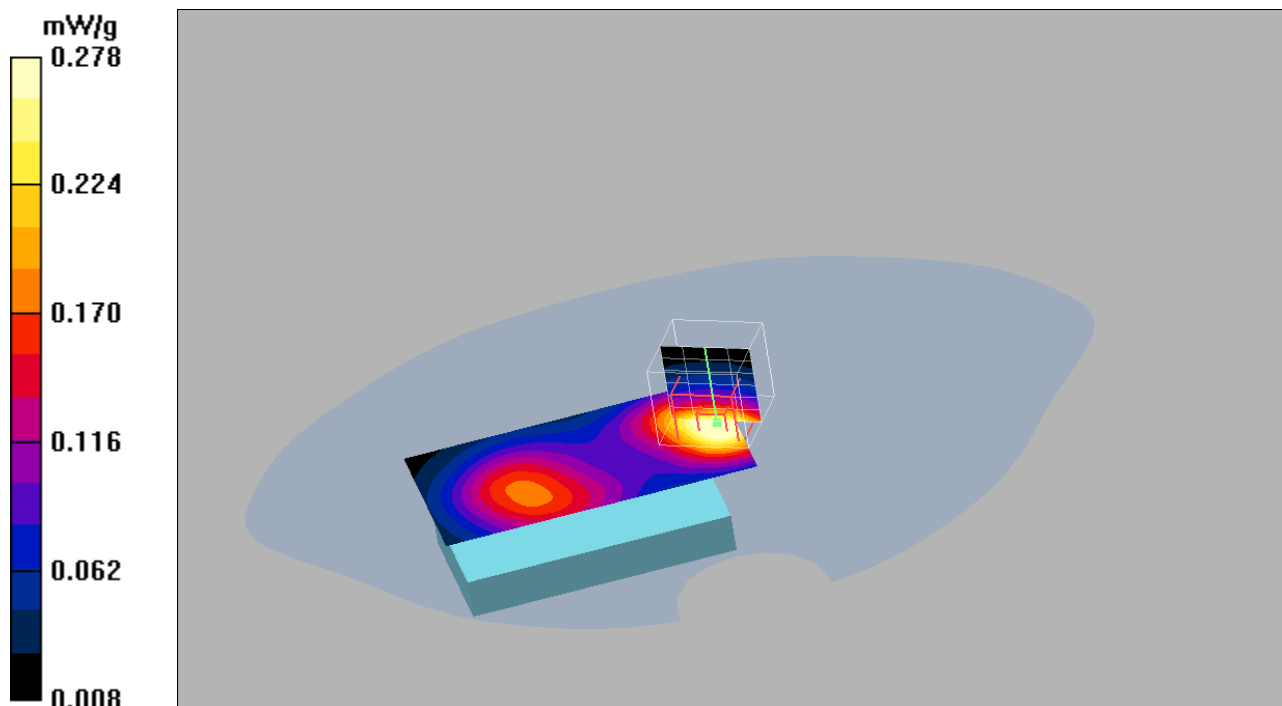
**GPRS 2TS, High Front/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (measured) = 0.278 mW/g



Date/Time: 2009-03-19 12:34:50

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.985 mW/g

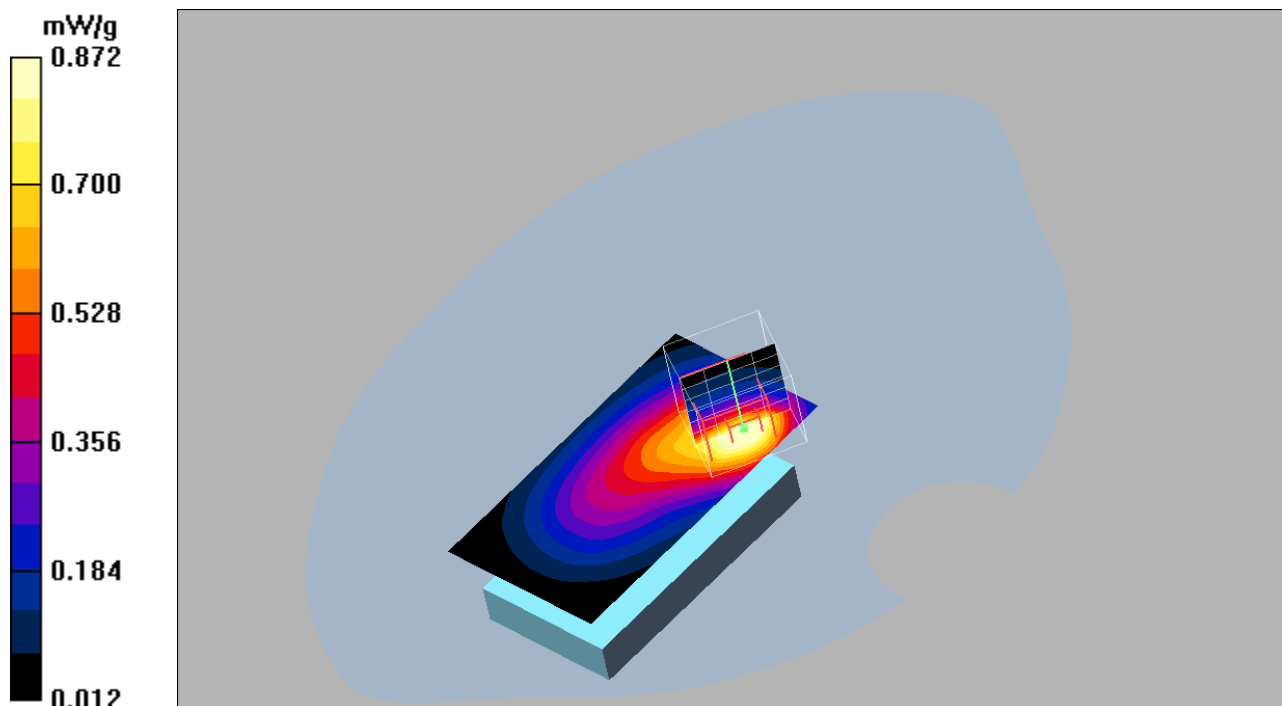
**GPRS 2TS, High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.472 mW/g**

Maximum value of SAR (measured) = 0.872 mW/g





Date/Time: 2009-03-13 12:47:54

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.938 mW/g

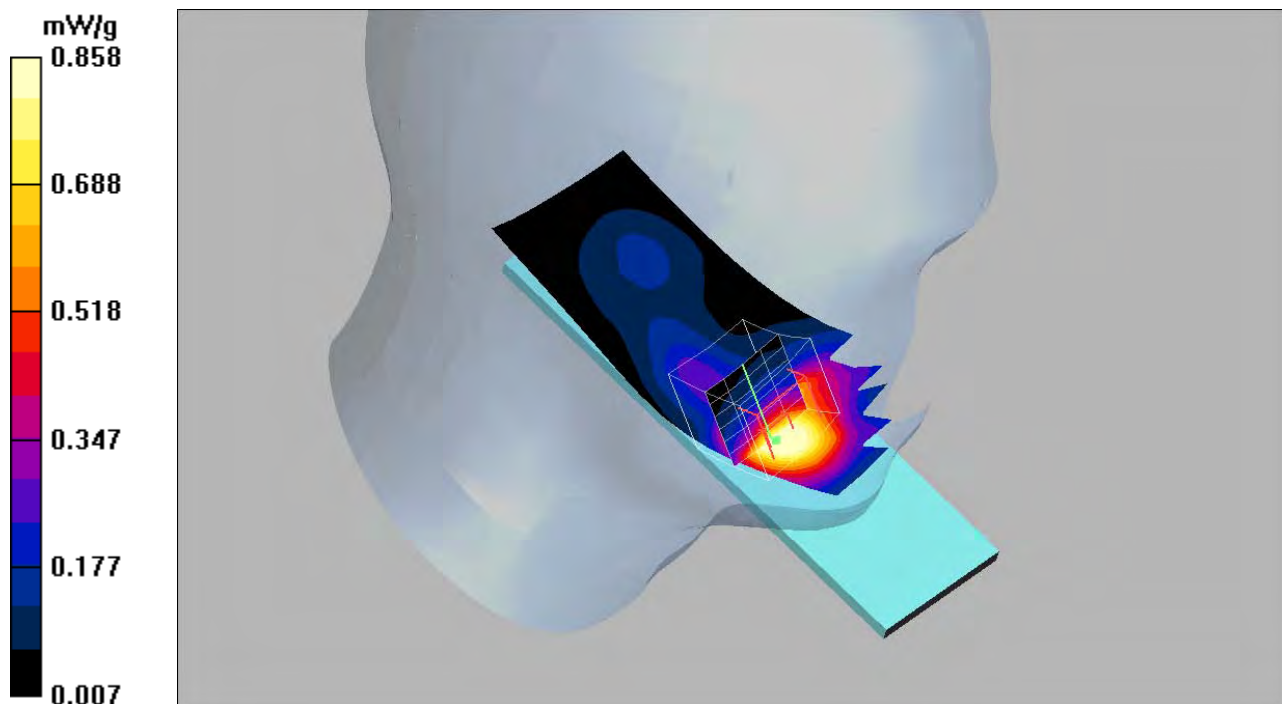
**Left Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.473 mW/g**

Maximum value of SAR (measured) = 0.858 mW/g





Date/Time: 2009-03-13 12:07:33

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.272 mW/g

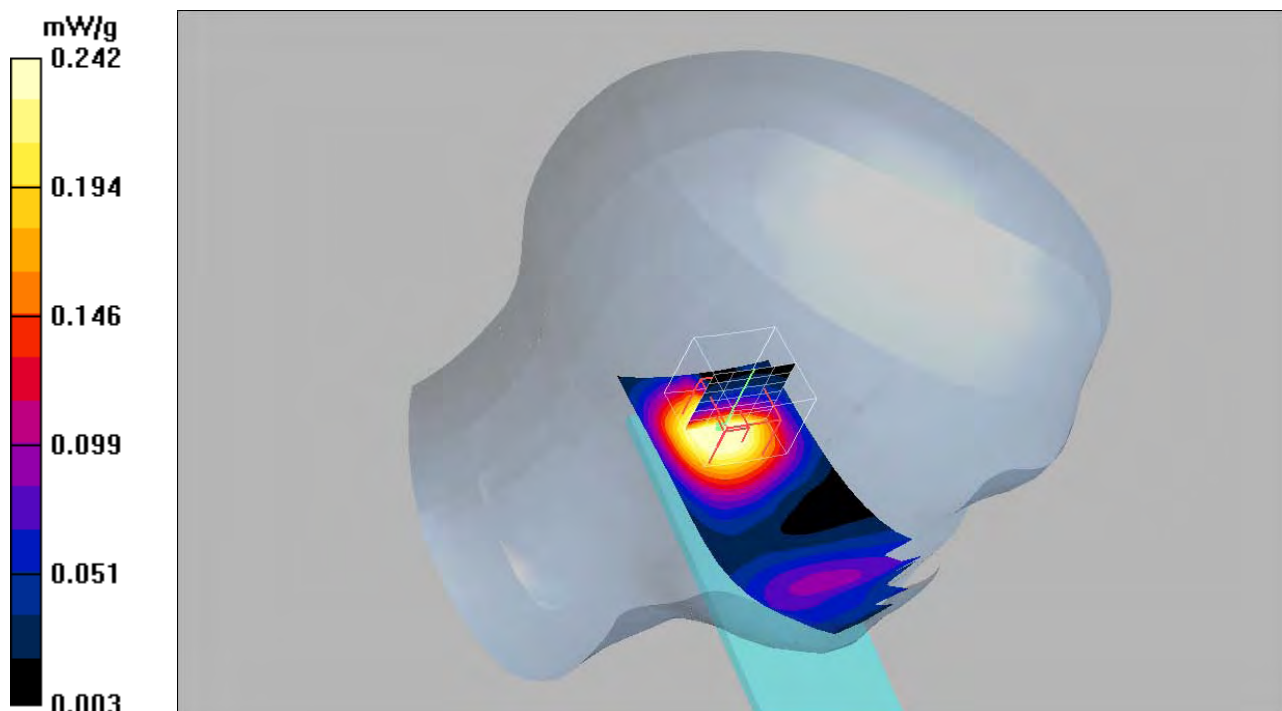
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.82 V/m; Power Drift = 0.296 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 0.242 mW/g



Date/Time: 2009-03-13 10:11:28

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 11.9 V/m; Power Drift = -0.031 dB

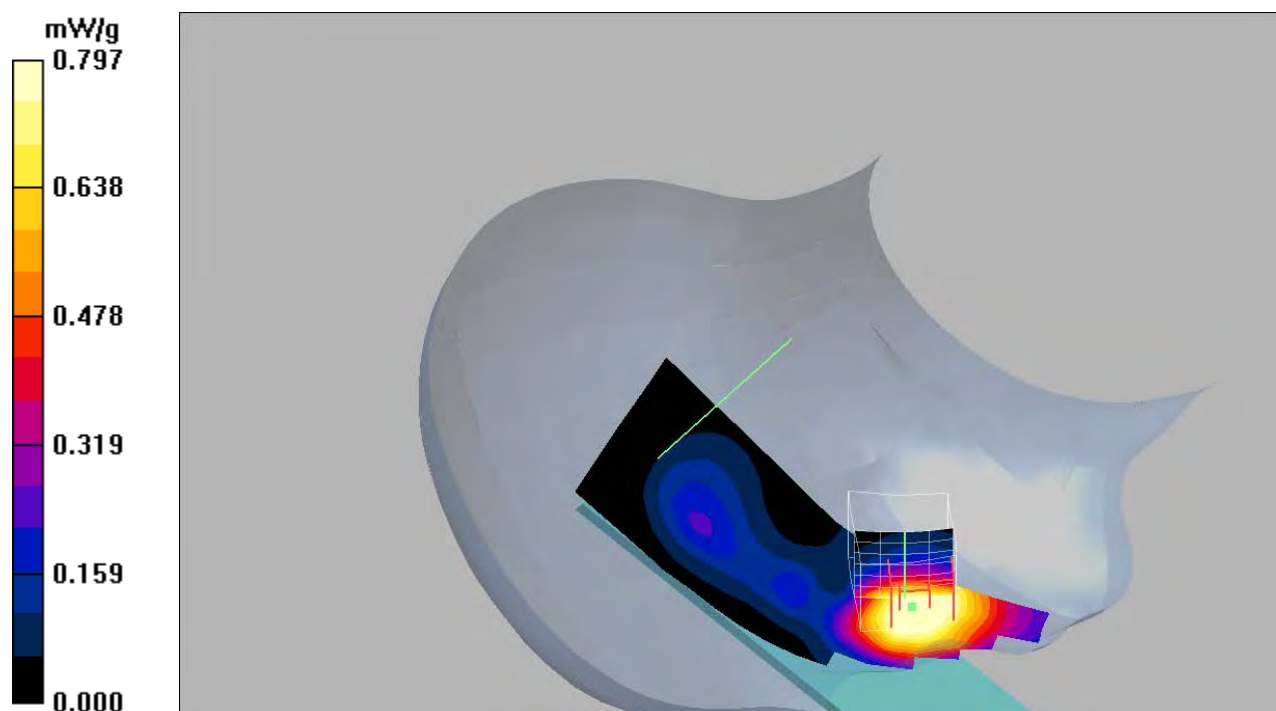
Peak SAR (extrapolated) = 2.46 W/kg

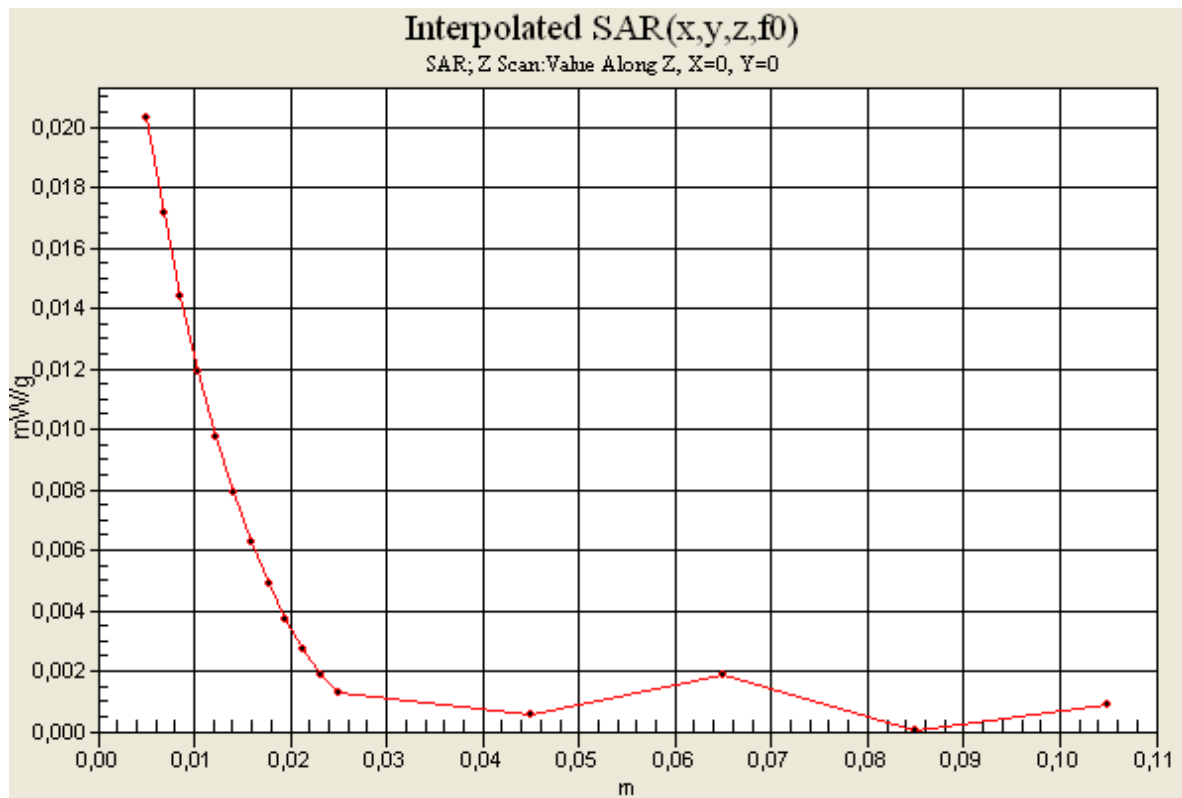
**SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.471 mW/g**

Maximum value of SAR (measured) = 0.797 mW/g

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

Maximum value of SAR (interpolated) = 0.020 mW/g





Date/Time: 2009-03-13 08:21:10

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.380 mW/g

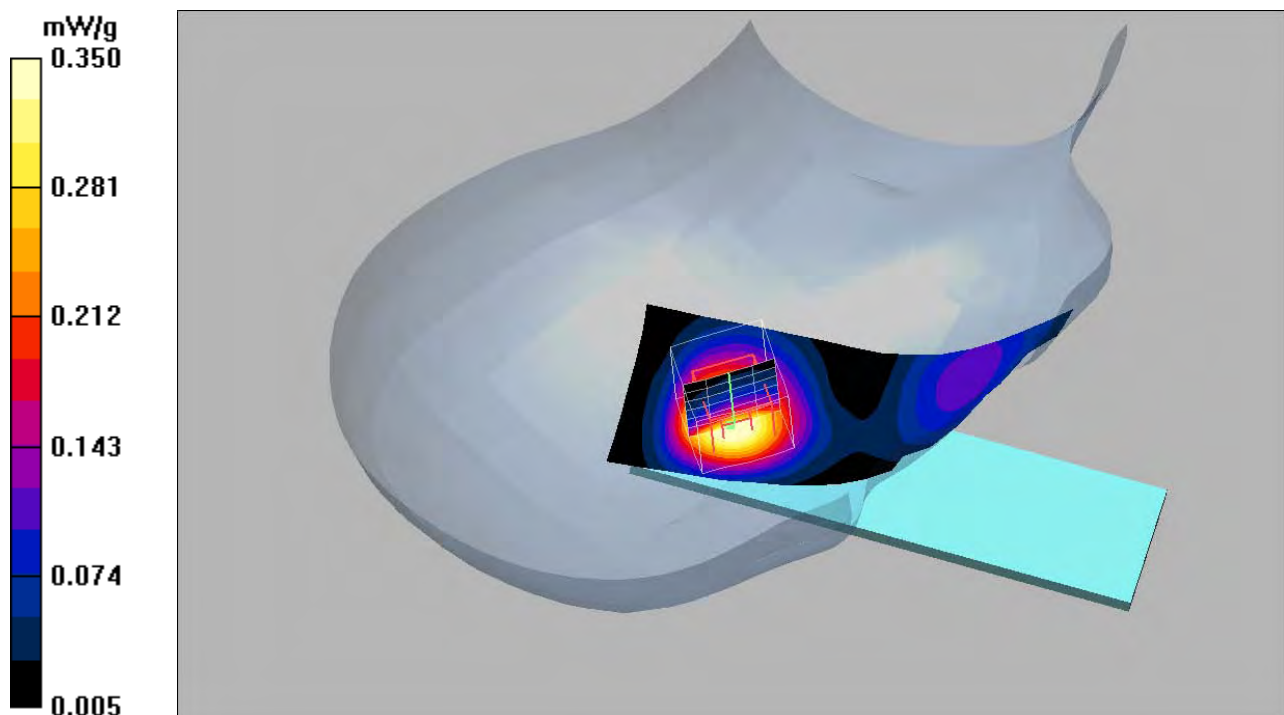
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.63 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.498 W/kg

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.190 mW/g**

Maximum value of SAR (measured) = 0.350 mW/g



Date/Time: 2009-03-19 08:47:44

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_PHF\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.927 mW/g

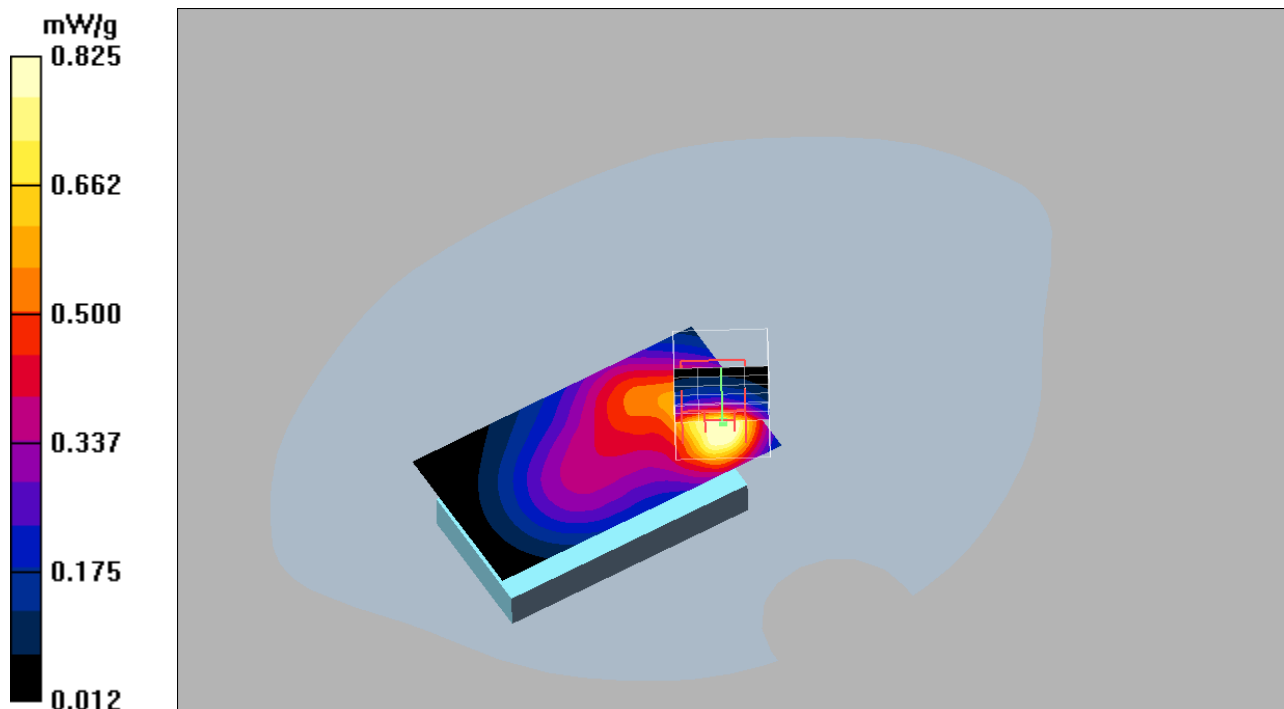
**Speech, PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.430 mW/g**

Maximum value of SAR (measured) = 0.825 mW/g



Date/Time: 2009-03-19 09:05:02

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_BT\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.36 mW/g

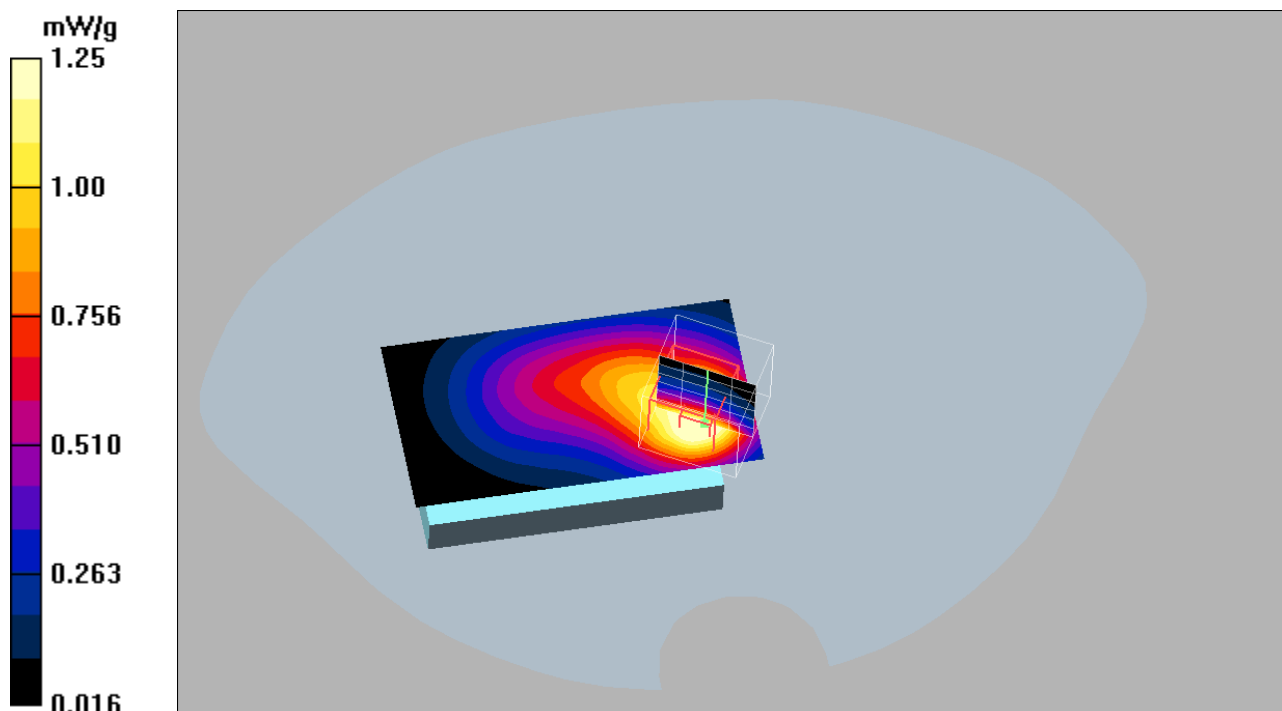
**Speech, BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.681 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



Date/Time: 2009-03-19 10:39:21

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_BT\_Front\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, PHF Front/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.454 mW/g

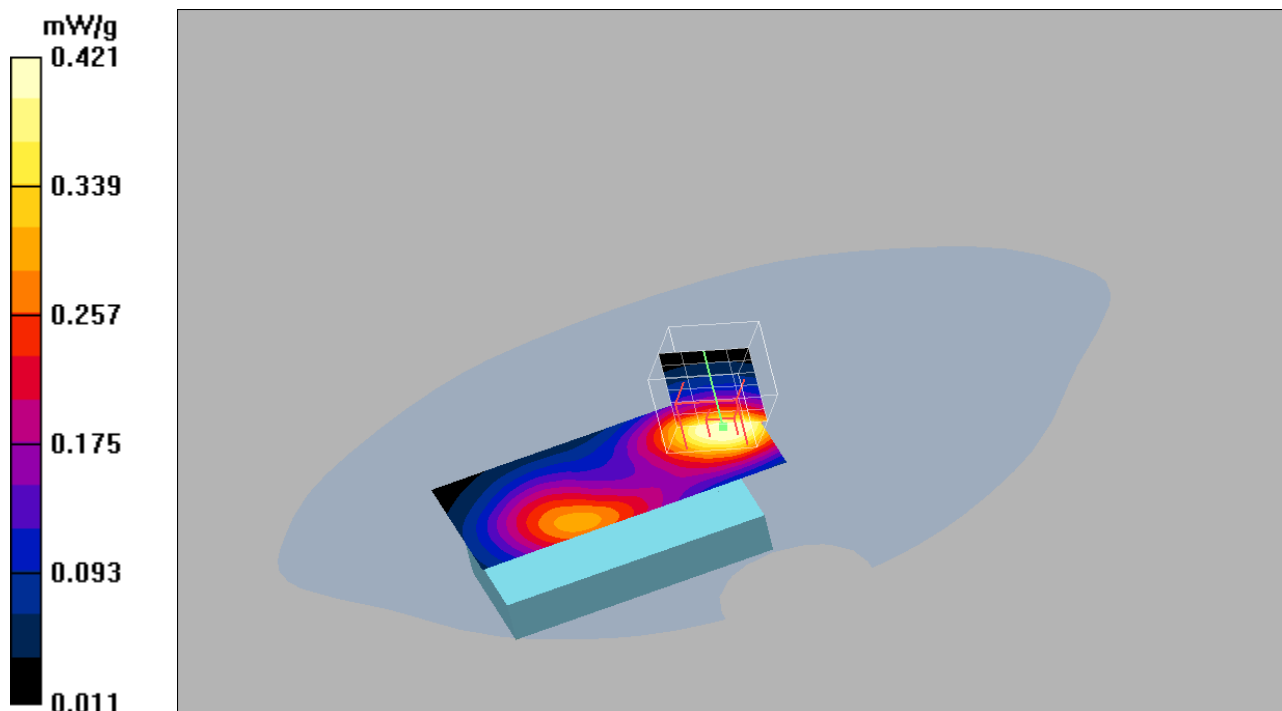
**Speech, PHF Front/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.234 mW/g**

Maximum value of SAR (measured) = 0.421 mW/g



Date/Time: 2009-03-19 10:22:00

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_HSDPA\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**HSDPA High/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

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

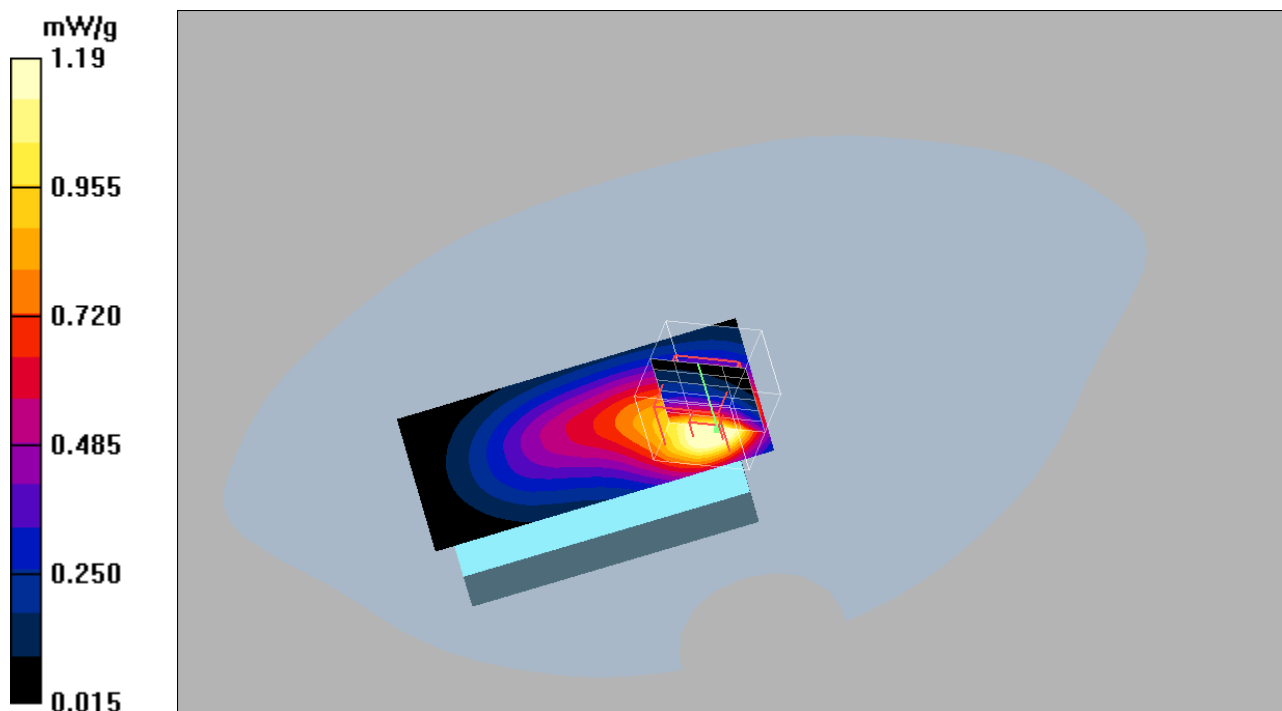
**HSDPA High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.639 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g





Date/Time: 2009-03-05 12:17:52

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.584 mW/g

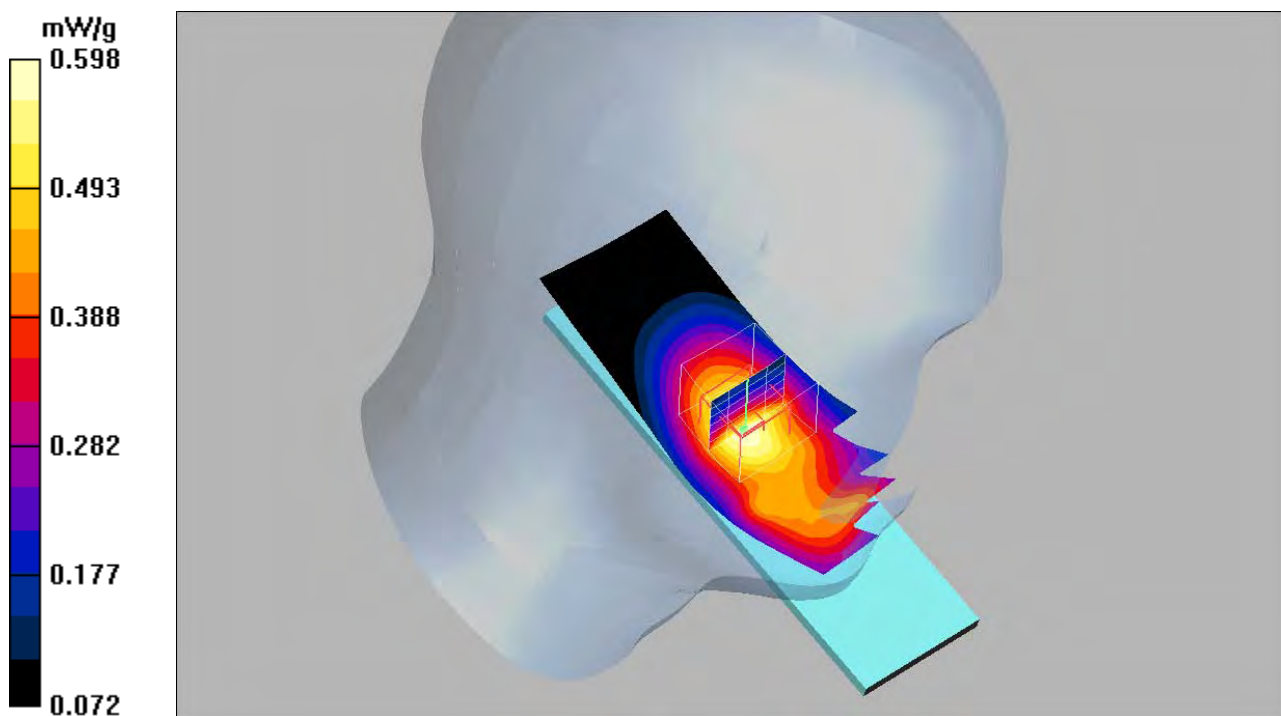
**Left Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.706 W/kg

**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.415 mW/g**

Maximum value of SAR (measured) = 0.598 mW/g



Date/Time: 2009-03-05 12:47:53

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.403 mW/g

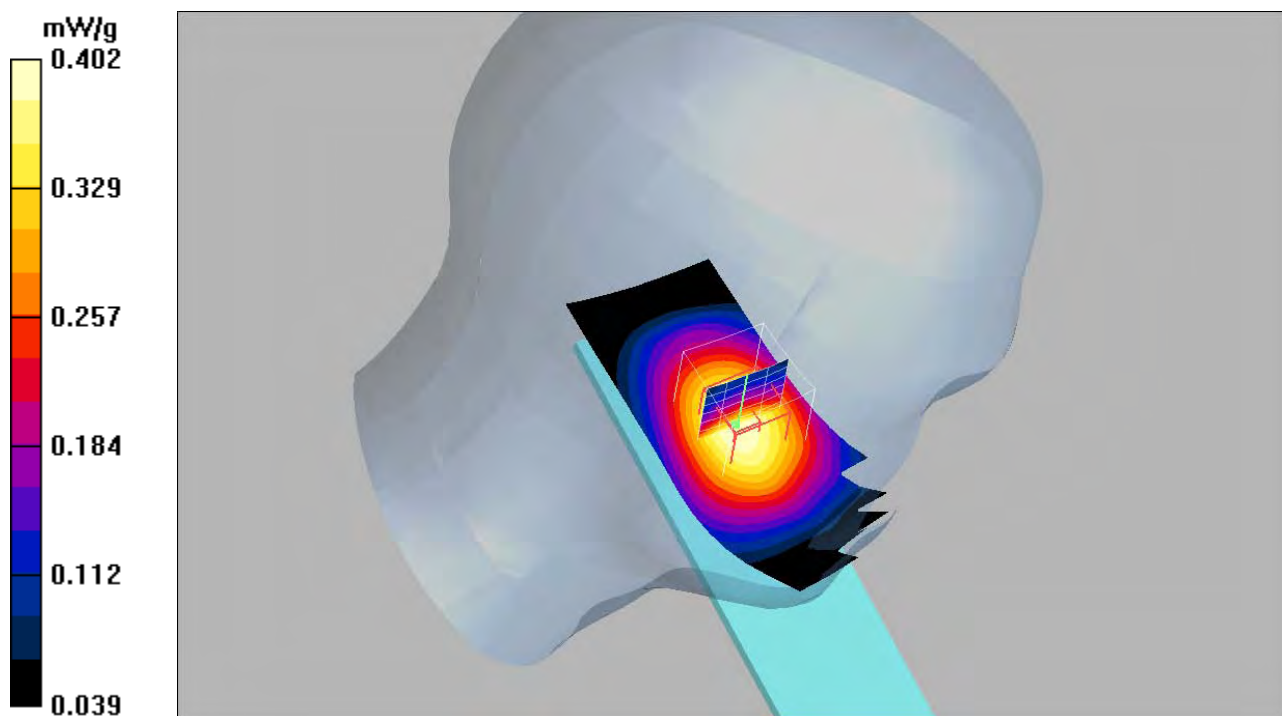
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.402 mW/g



Date/Time: 2009-03-05 11:07:44

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.552 mW/g

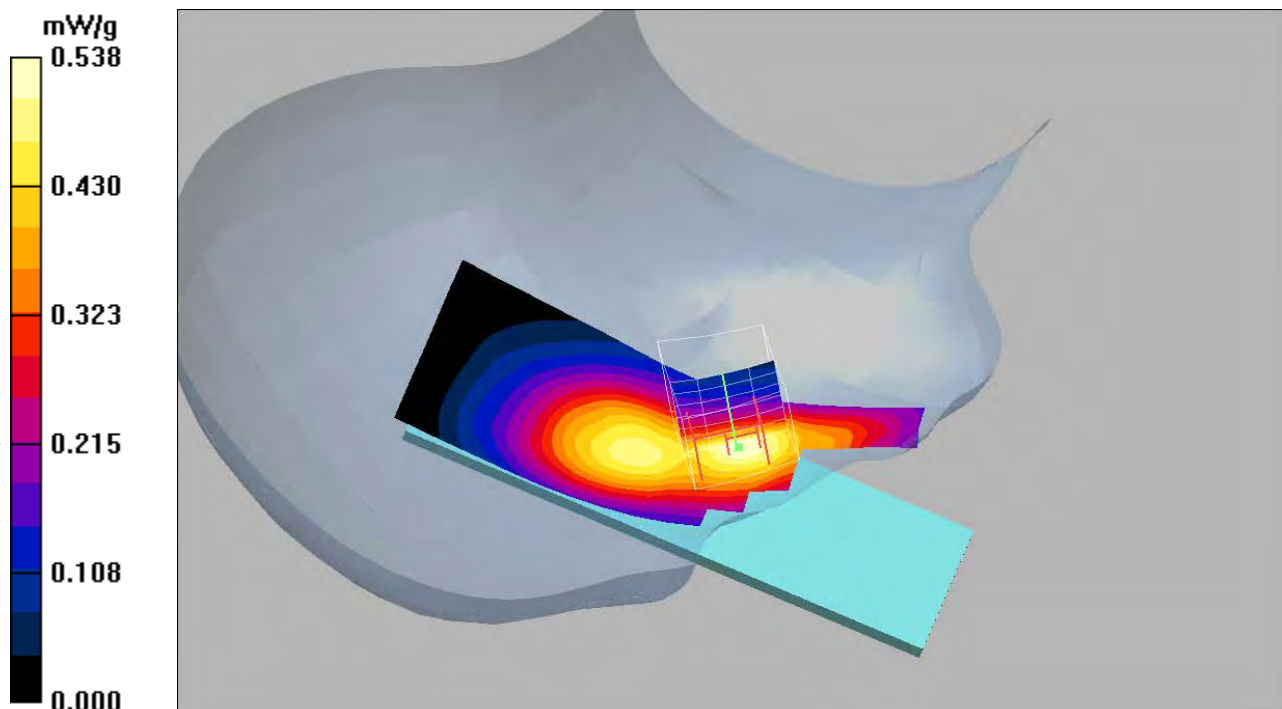
**Right Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.99 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.349 mW/g**

Maximum value of SAR (measured) = 0.538 mW/g



Date/Time: 2009-03-05 10:23:20

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.317 mW/g

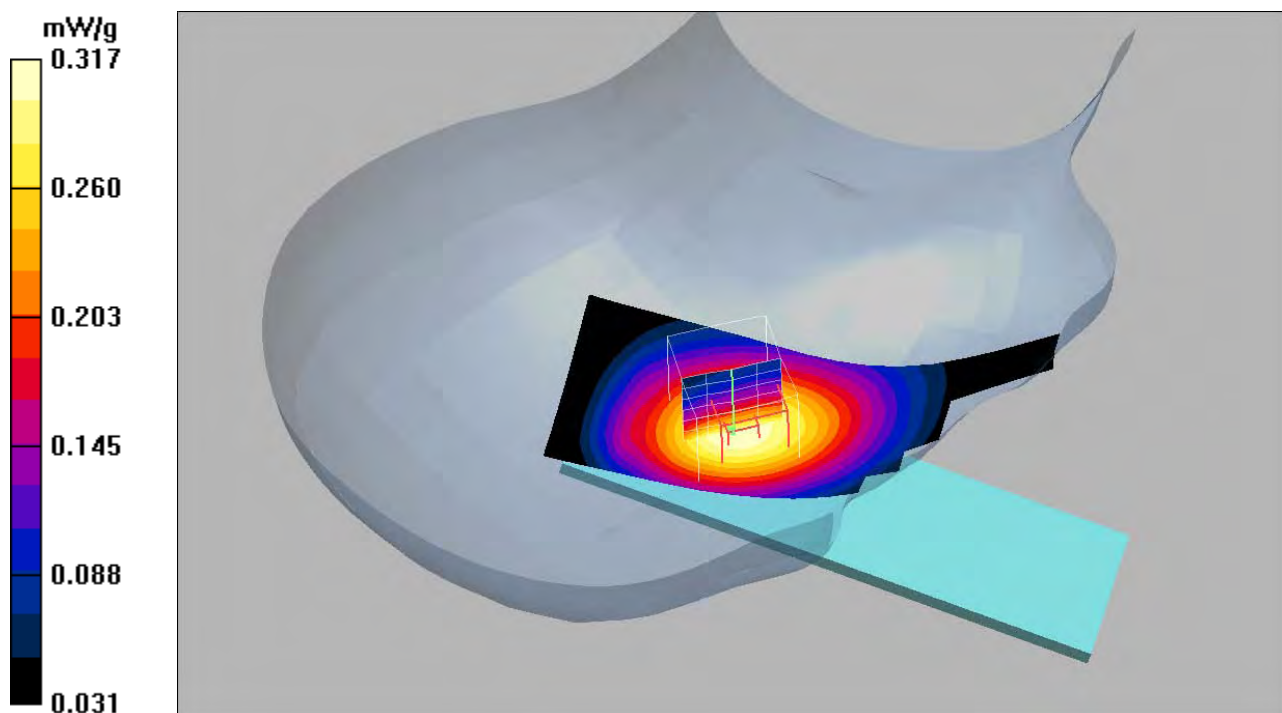
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.286 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.317 mW/g



Date/Time: 2009-03-18 13:07:55

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_PHF\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Low PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.452 mW/g

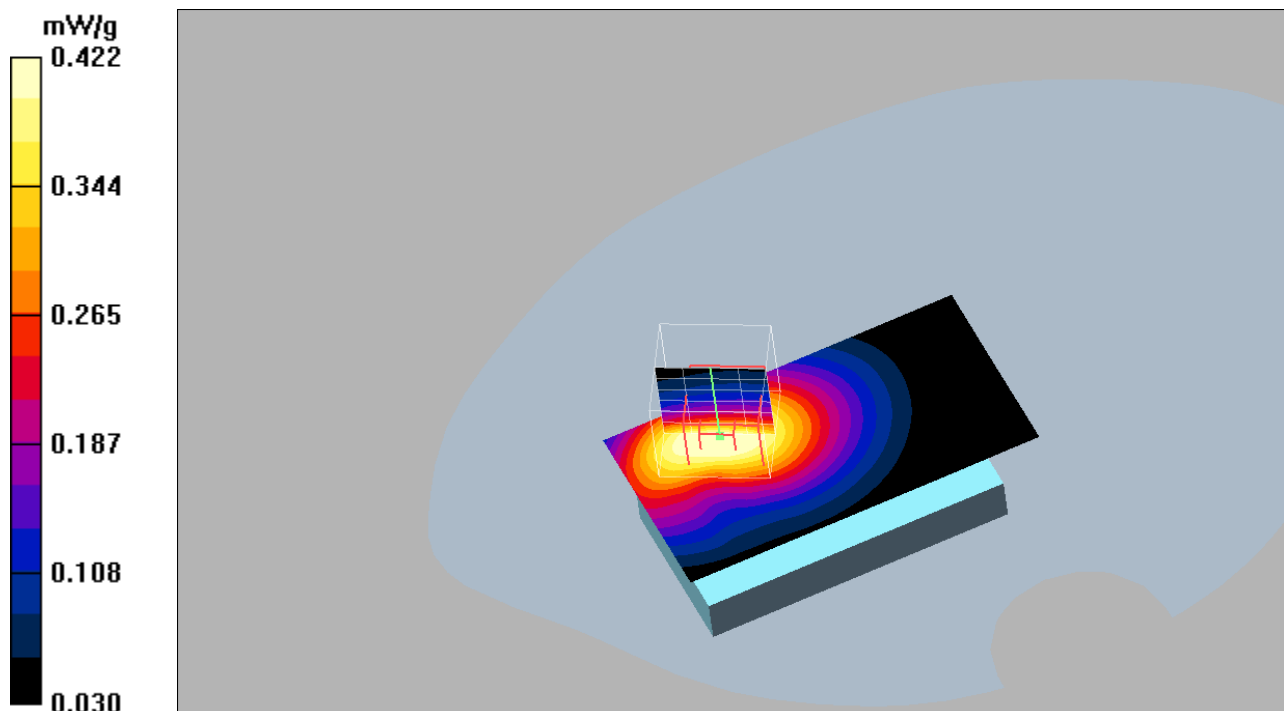
**Speech, Low PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.24 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.422 mW/g



Date/Time: 2009-03-18 13:40:24

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Middle BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.587 mW/g

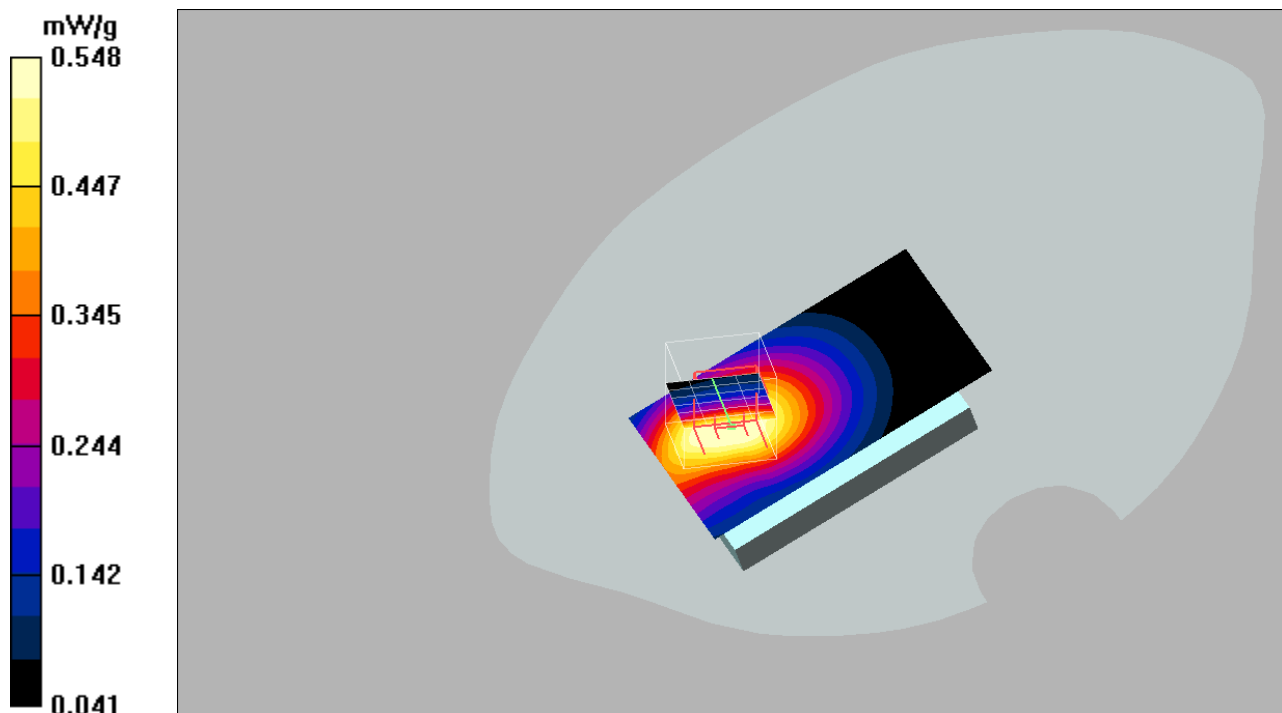
**Speech, Middle BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.13 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.548 mW/g





Date/Time: 2009-03-18 15:20:29

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_Front\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Middle Front BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.258 mW/g

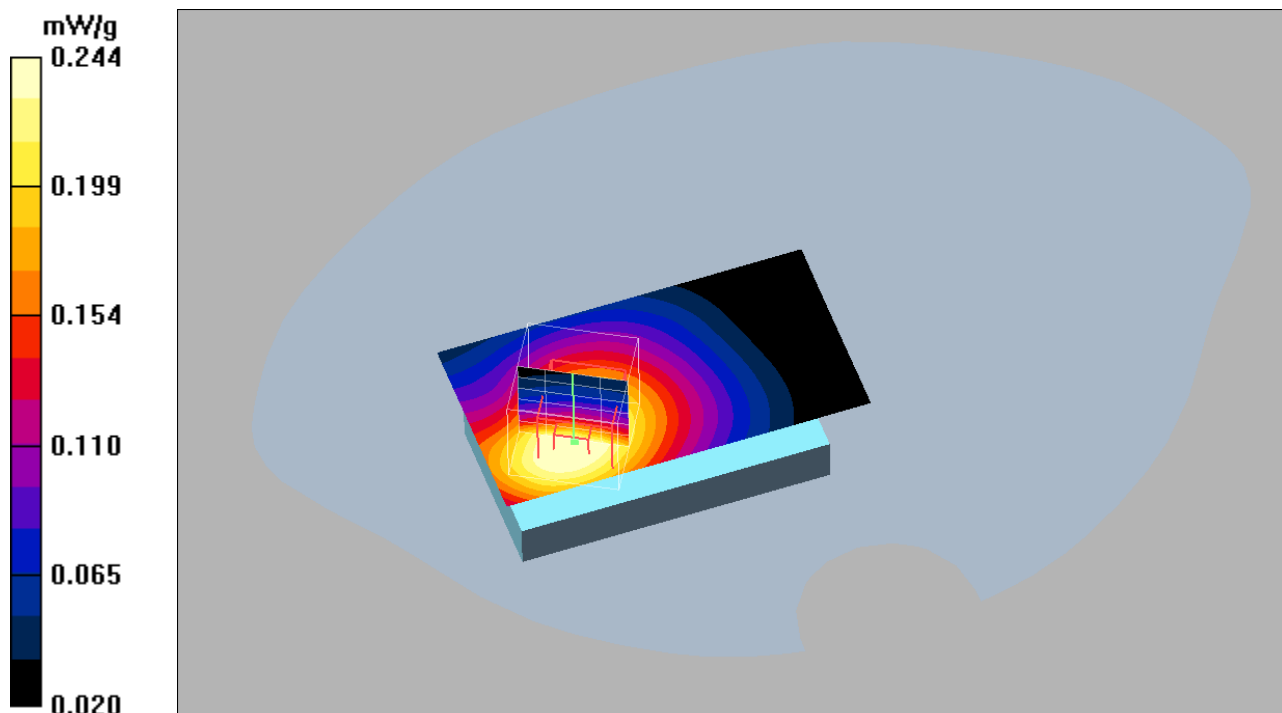
**Speech, Middle Front BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.58 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



Date/Time: 2009-03-18 14:24:23

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_HSDPA\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Data, Middle HSPA/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.552 mW/g

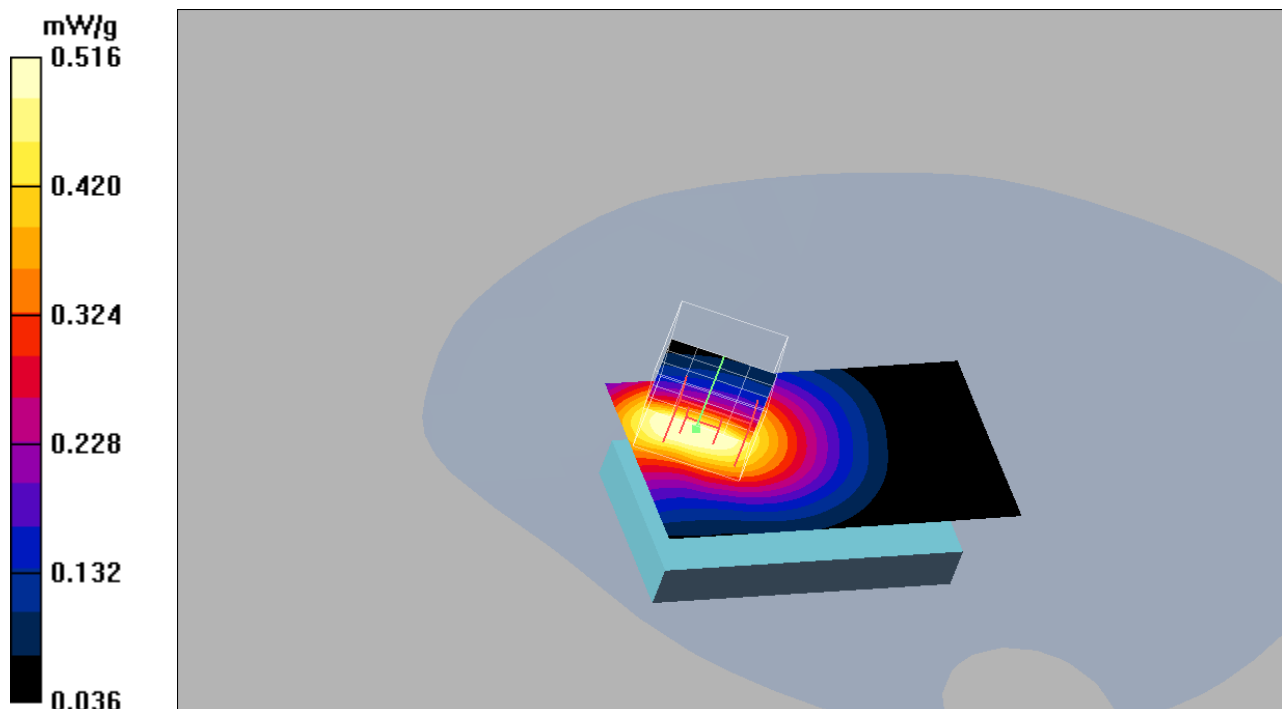
**Data, Middle HSPA/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.72 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.321 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g





Date/Time: 2009-02-24 14:32:07

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 835MHz Head 090224****DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d039**

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.0 V/m; Power Drift = -0.083 dB

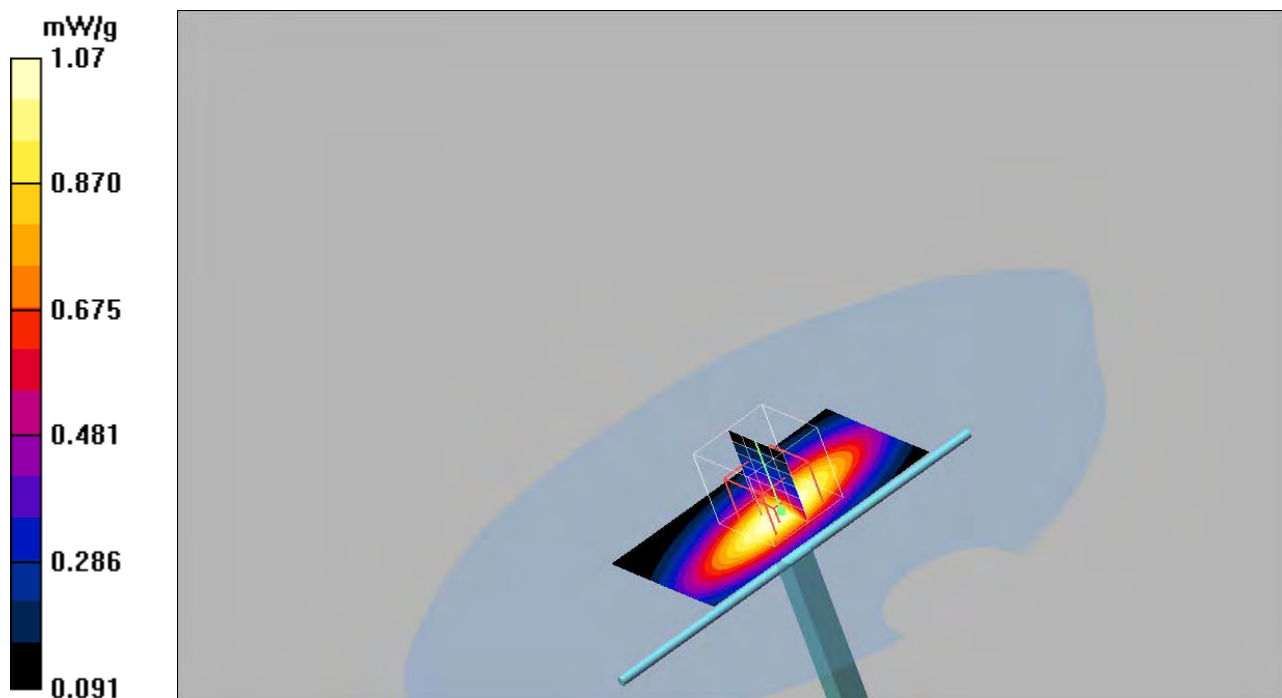
Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.982 mW/g; SAR(10 g) = 0.642 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g

**835 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.07 mW/g



Date/Time: 2009-03-05 09:23:06

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 835MHz Head 090305****DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:484**

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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 (61x101x1):** Measurement grid: dx=10mm, dy=10mm

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

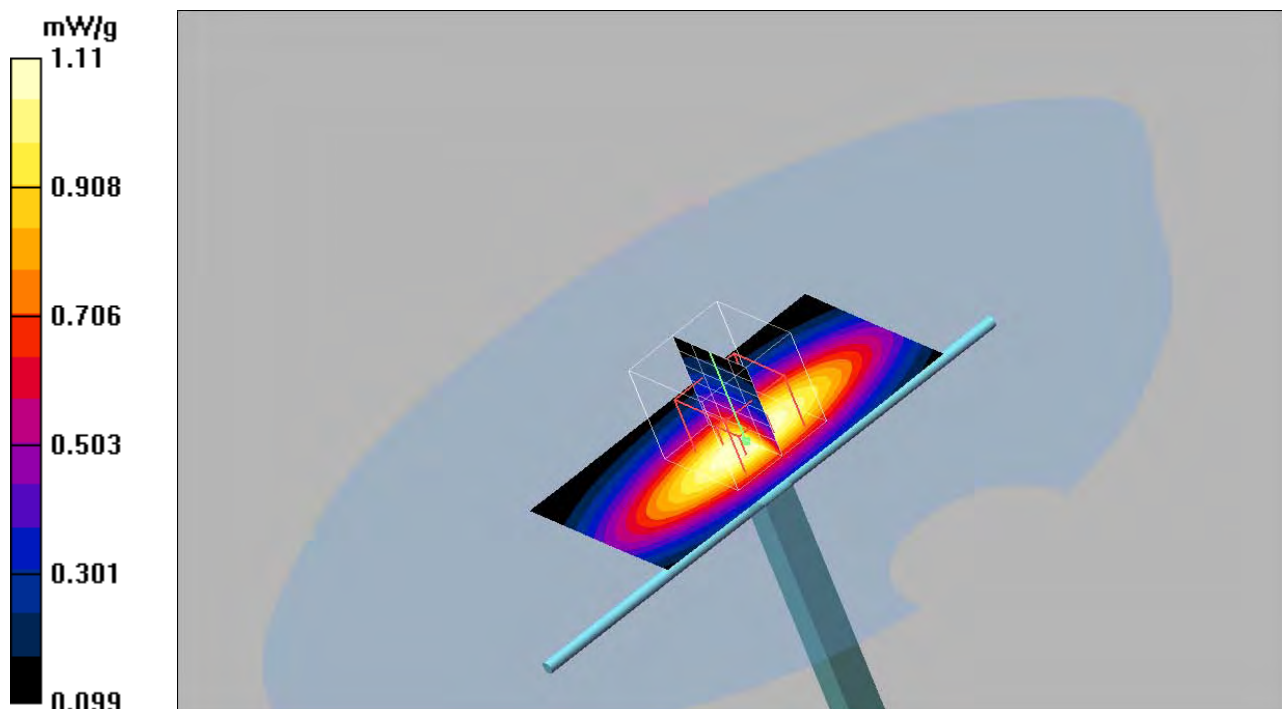
**835 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.2 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.674 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



Date/Time: 2009-03-18 08:52:59

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 835MHz Body 090318****DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d039**

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

Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**835 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.11 mW/g

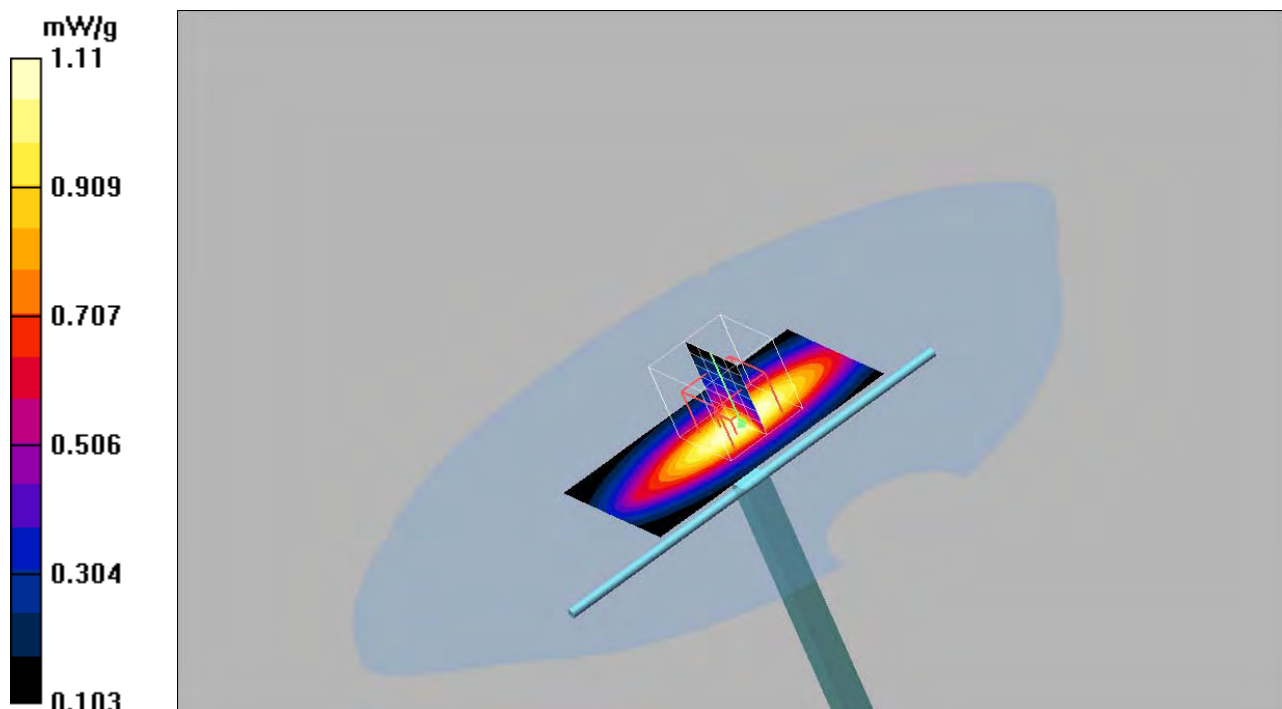
**835 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.2 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.675 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



Date/Time: 2009-03-10 10:03:42

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 1900MHz Head 090310****DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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

**1900 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.58 mW/g

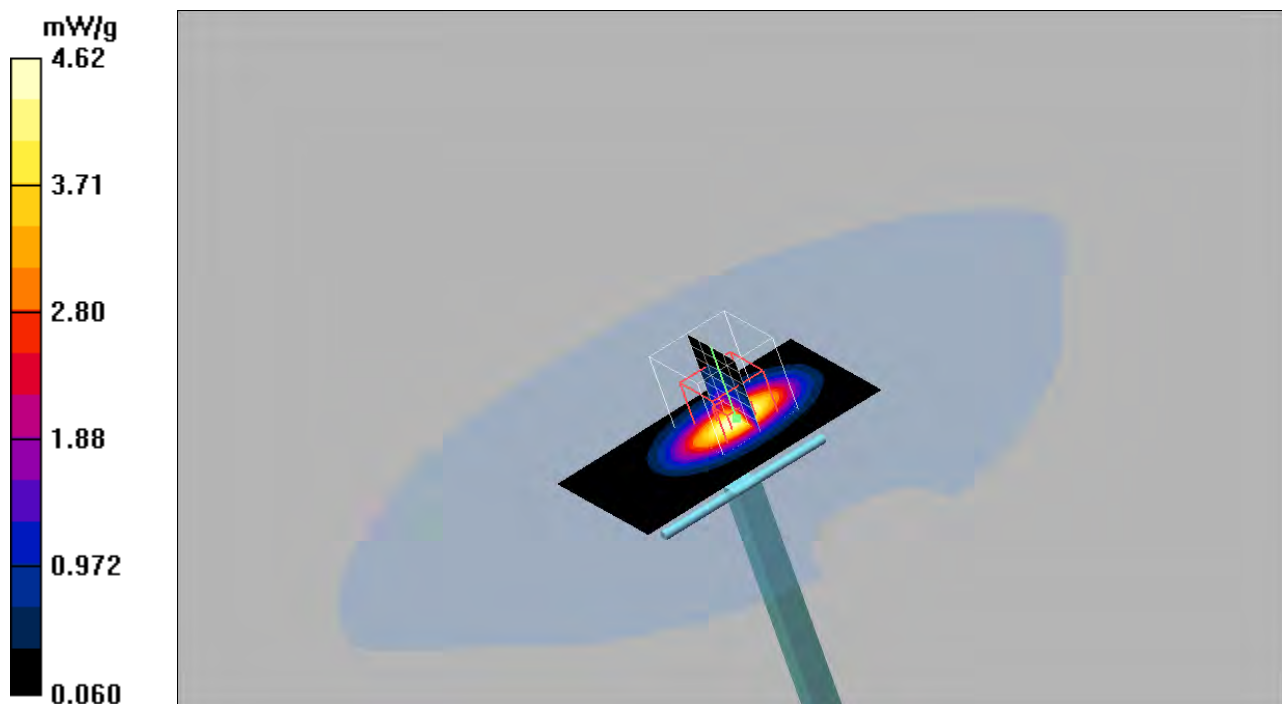
**1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.5 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 7.87 W/kg

**SAR(1 g) = 4.11 mW/g; SAR(10 g) = 2.09 mW/g**

Maximum value of SAR (measured) = 4.62 mW/g



Date/Time: 2009-03-13 07:29:02

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 1900MHz Head 090313****DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d002**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DASy4 (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: 2009-01-13
- 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

**1900 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.72 mW/g

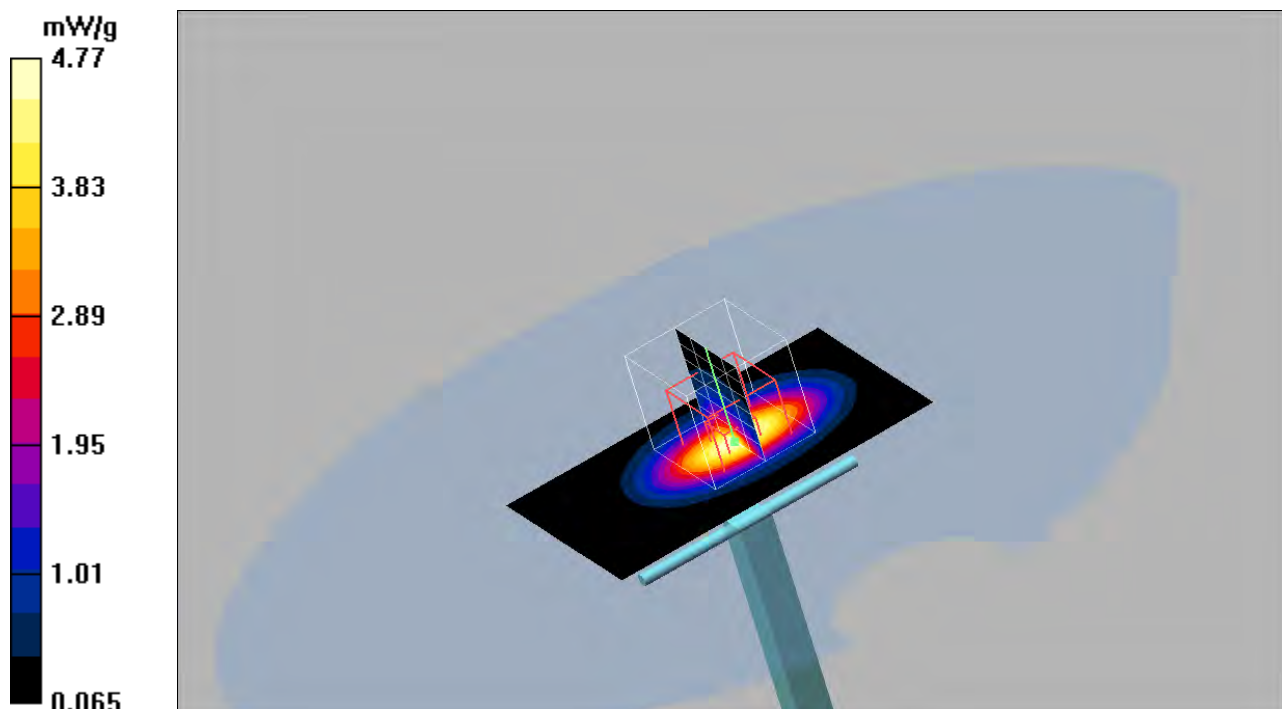
**1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.2 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 7.99 W/kg

**SAR(1 g) = 4.24 mW/g; SAR(10 g) = 2.16 mW/g**

Maximum value of SAR (measured) = 4.77 mW/g



Date/Time: 2009-03-19 08:21:02

Test Laboratory: Sony Ericsson Mobile Communications AB

**System Performance Check 1900MHz Body 090319****DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d073**

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

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.57$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- 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

**1900 MHz Dipole/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.79 mW/g

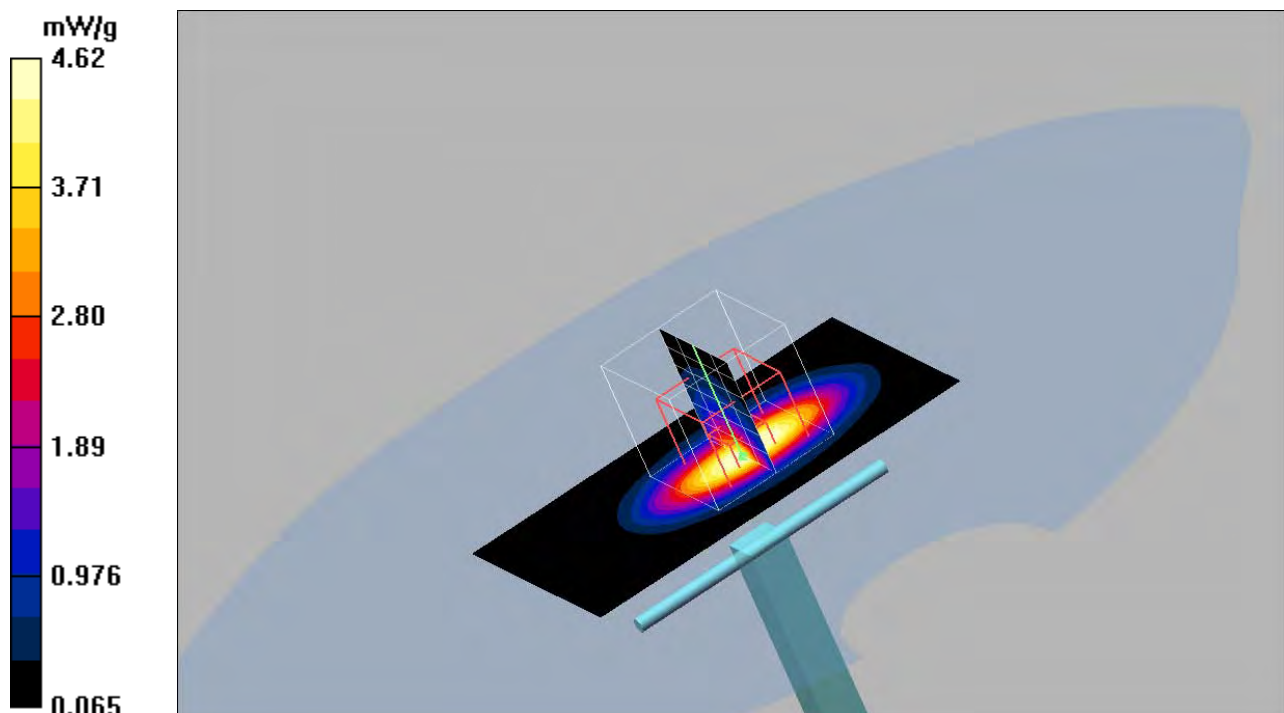
**1900 MHz Dipole/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.8 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 7.26 W/kg

**SAR(1 g) = 4.13 mW/g; SAR(10 g) = 2.13 mW/g**

Maximum value of SAR (measured) = 4.62 mW/g





Date/Time: 2009-02-24 16:00:33

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.765 mW/g

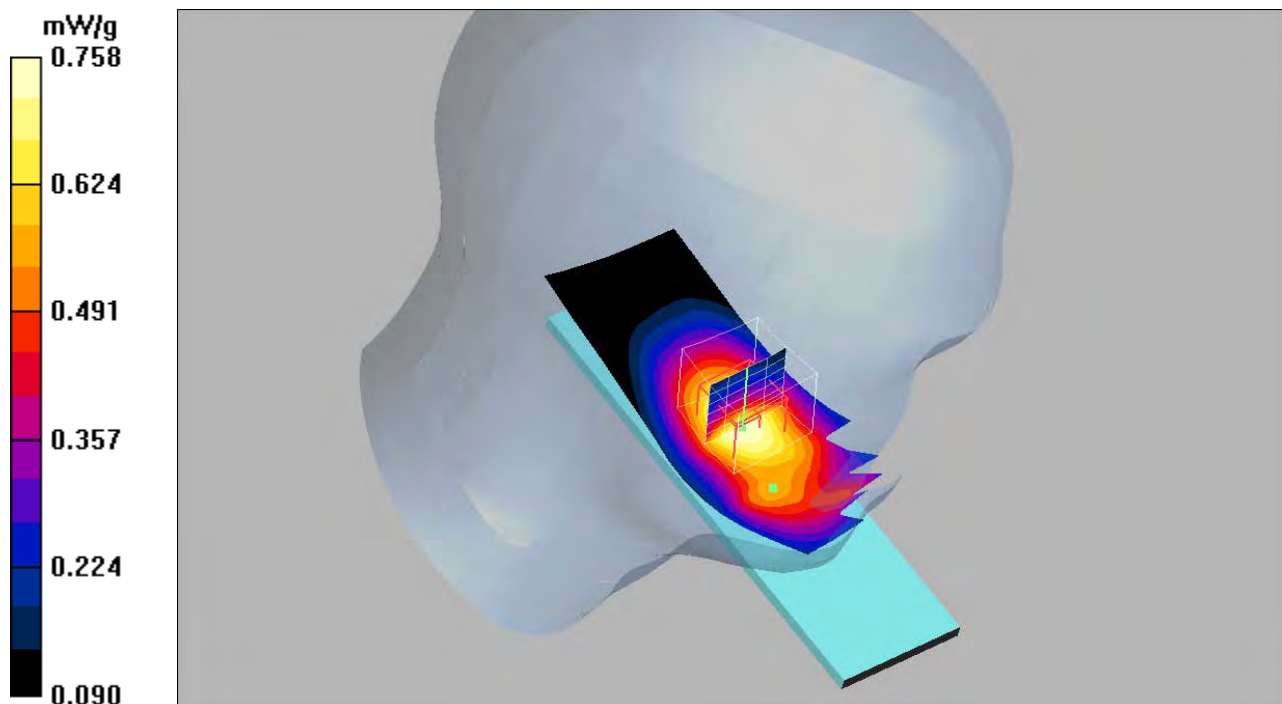
**Left Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.898 W/kg

**SAR(1 g) = 0.710 mW/g; SAR(10 g) = 0.522 mW/g**

Maximum value of SAR (measured) = 0.758 mW/g



Date/Time: 2009-02-24 15:21:15

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DAS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.346 mW/g

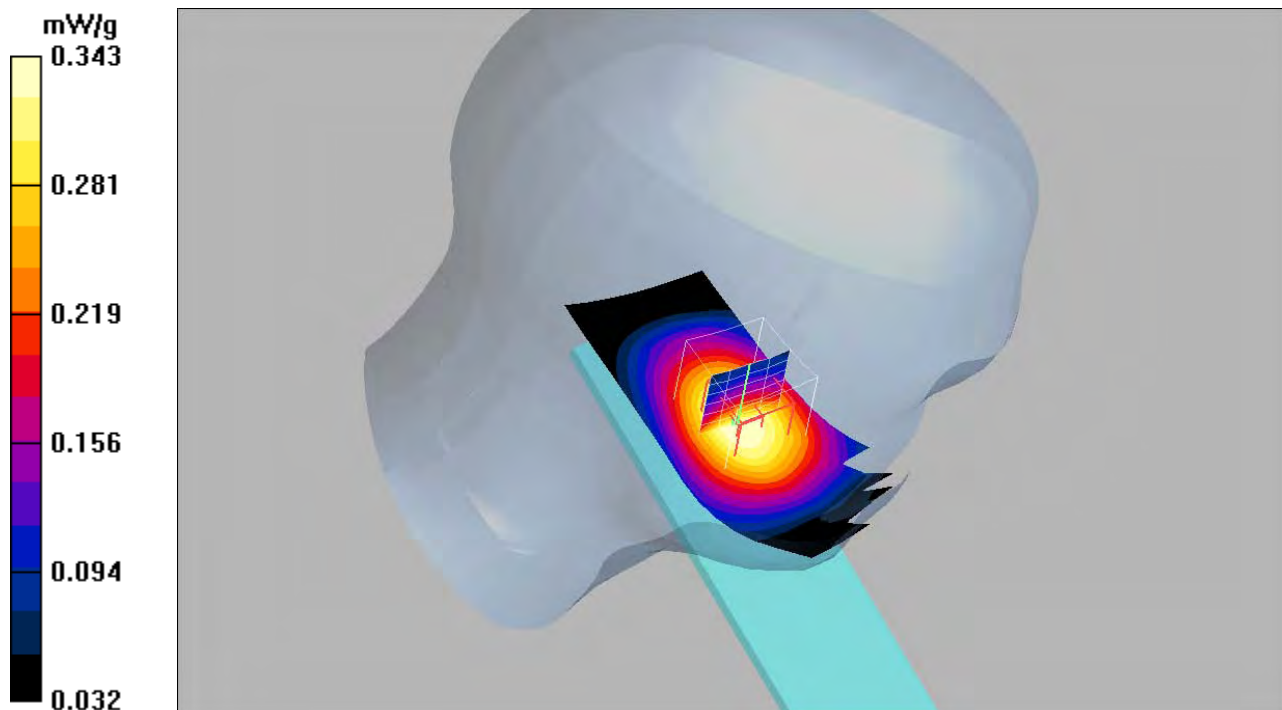
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.411 W/kg

**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.246 mW/g**

Maximum value of SAR (measured) = 0.343 mW/g





Date/Time: 2009-02-24 17:57:23

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 42.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.711 mW/g

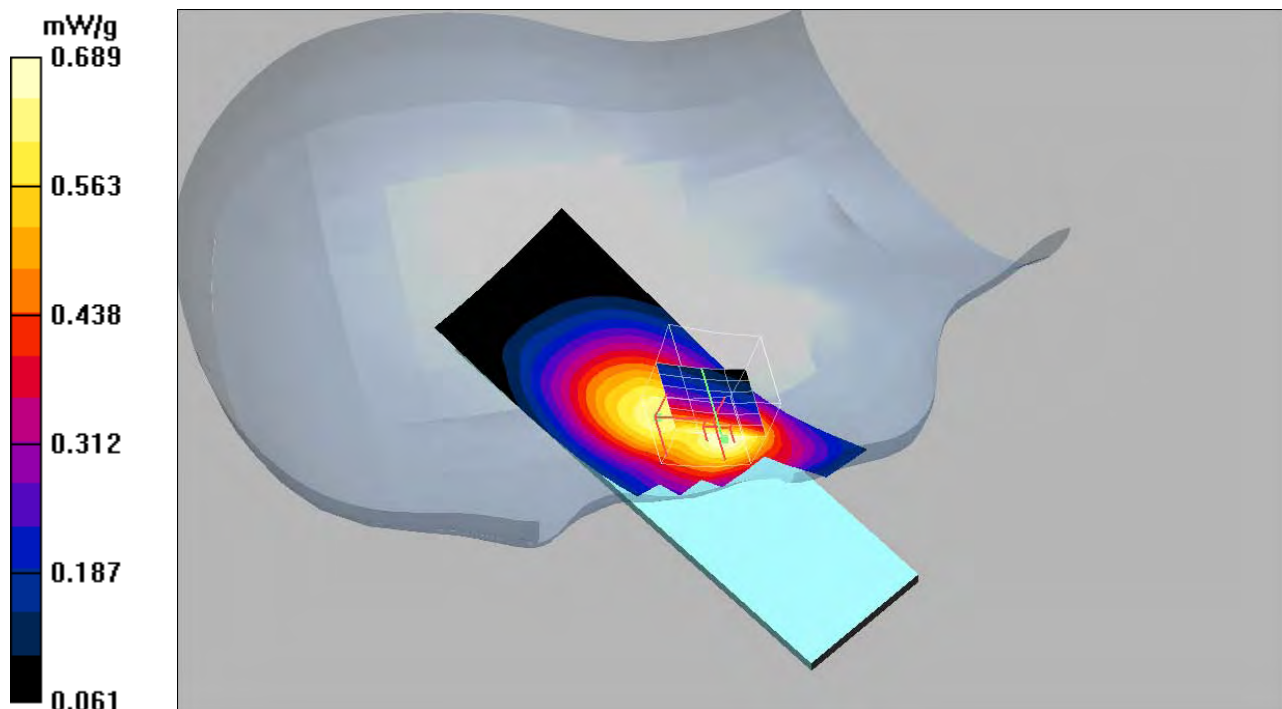
**Right Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.98 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.443 mW/g**

Maximum value of SAR (measured) = 0.689 mW/g



Date/Time: 2009-02-24 17:15:19

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_GSM850\_090224****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 42.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.328 mW/g

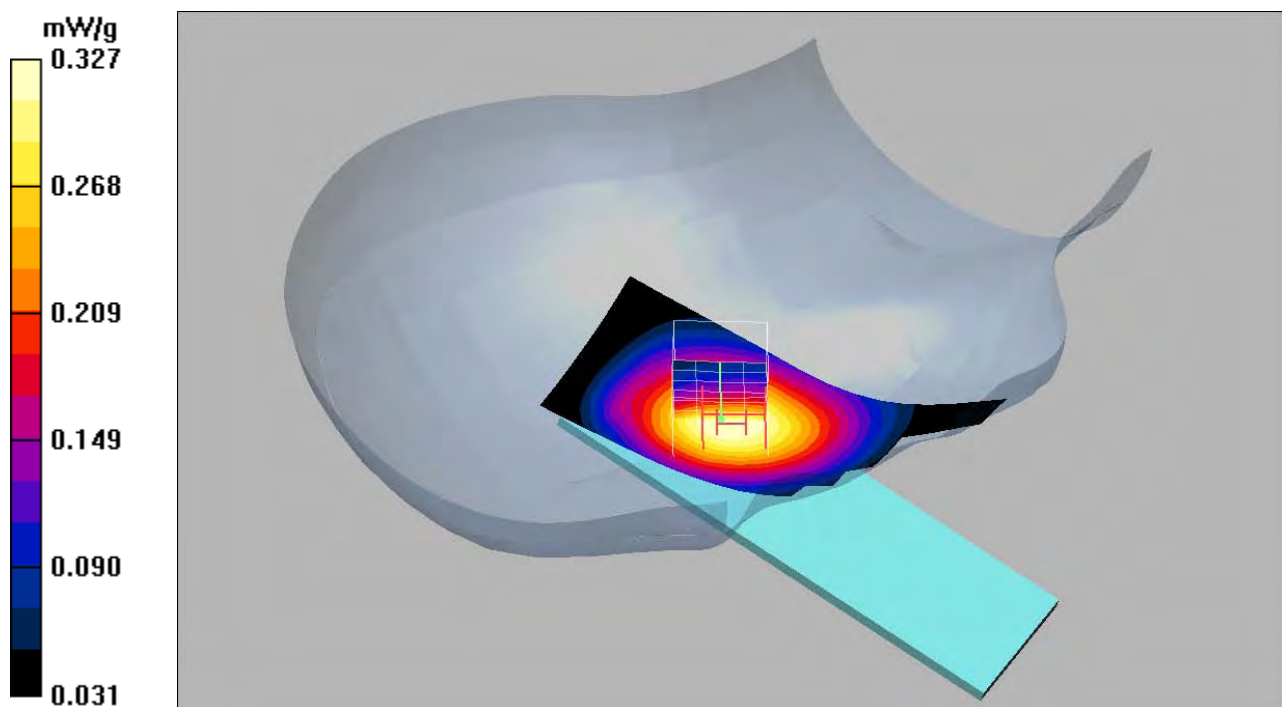
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 0.327 mW/g



Date/Time: 2009-03-18 10:44:59

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_PHF\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, High PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.566 mW/g

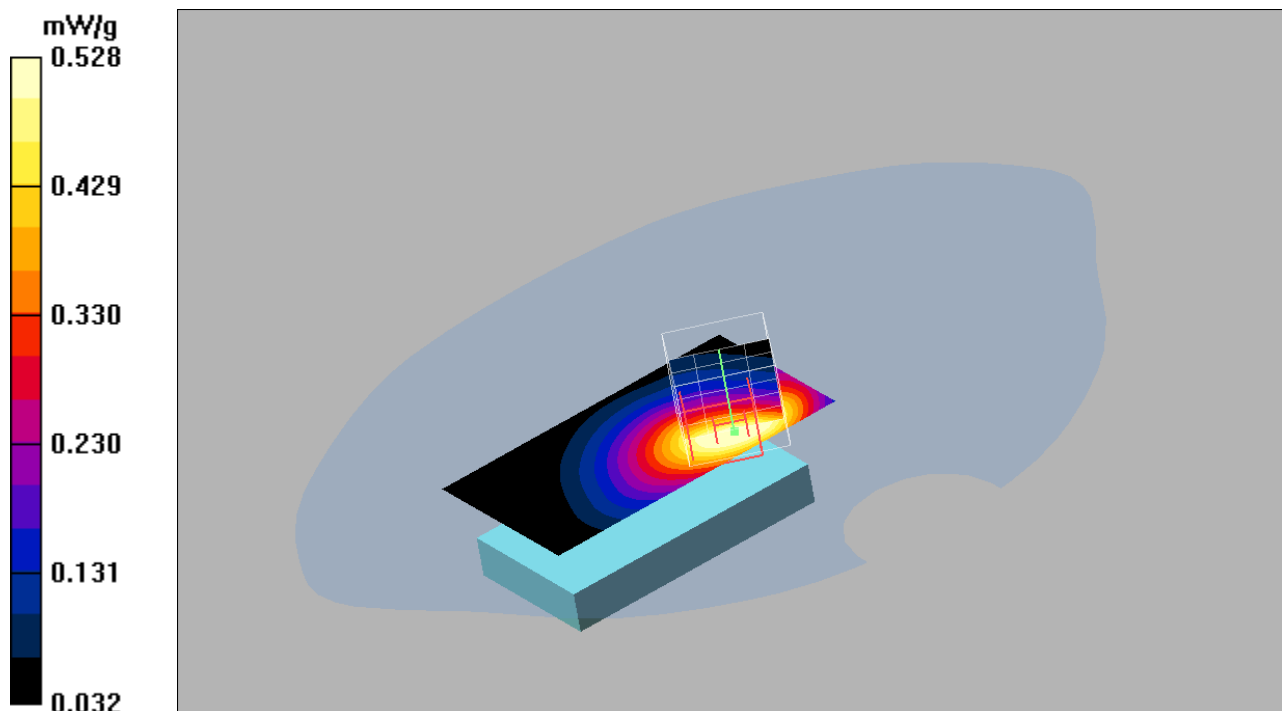
**Speech, High PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.732 W/kg

**SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 0.528 mW/g



Date/Time: 2009-03-18 11:32:39

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Low BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

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

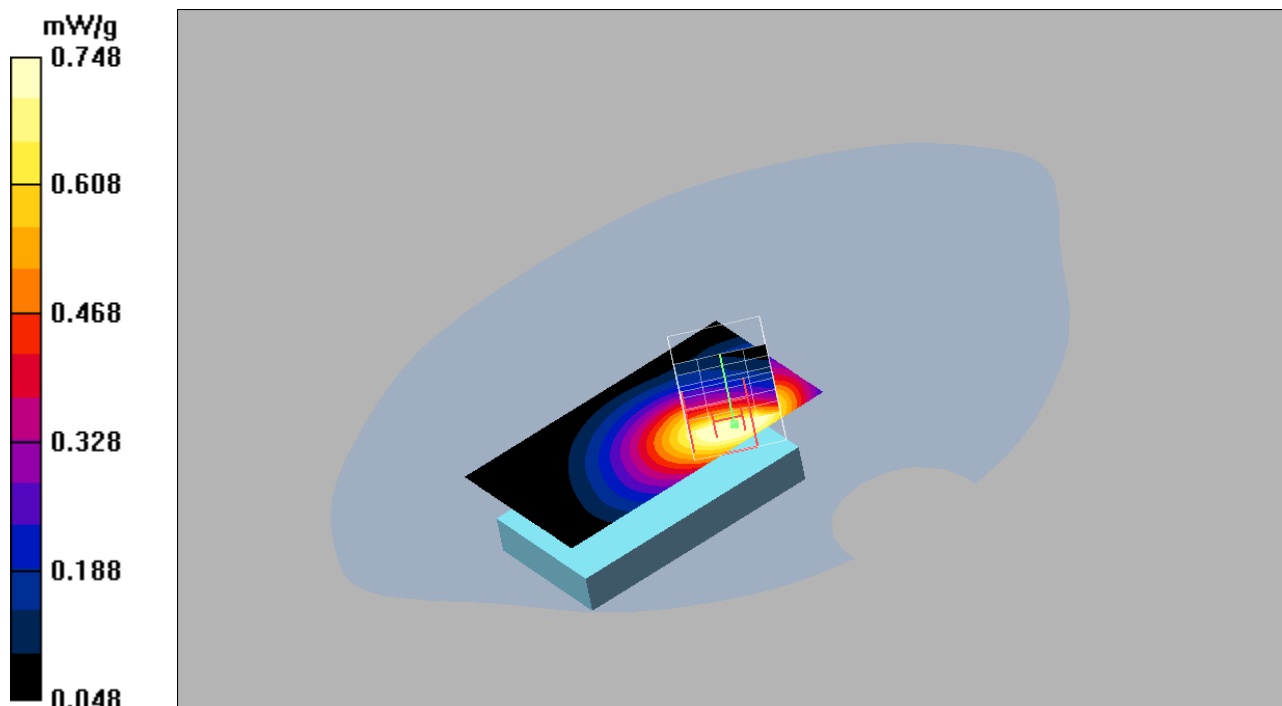
**Speech, Low BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 0.748 mW/g



Date/Time: 2009-03-18 10:07:04

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_Front\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz\_GPRS2Slots; Frequency: 848.8 MHz; Duty Cycle: 1:4.15  
 Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High Front/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.466 mW/g

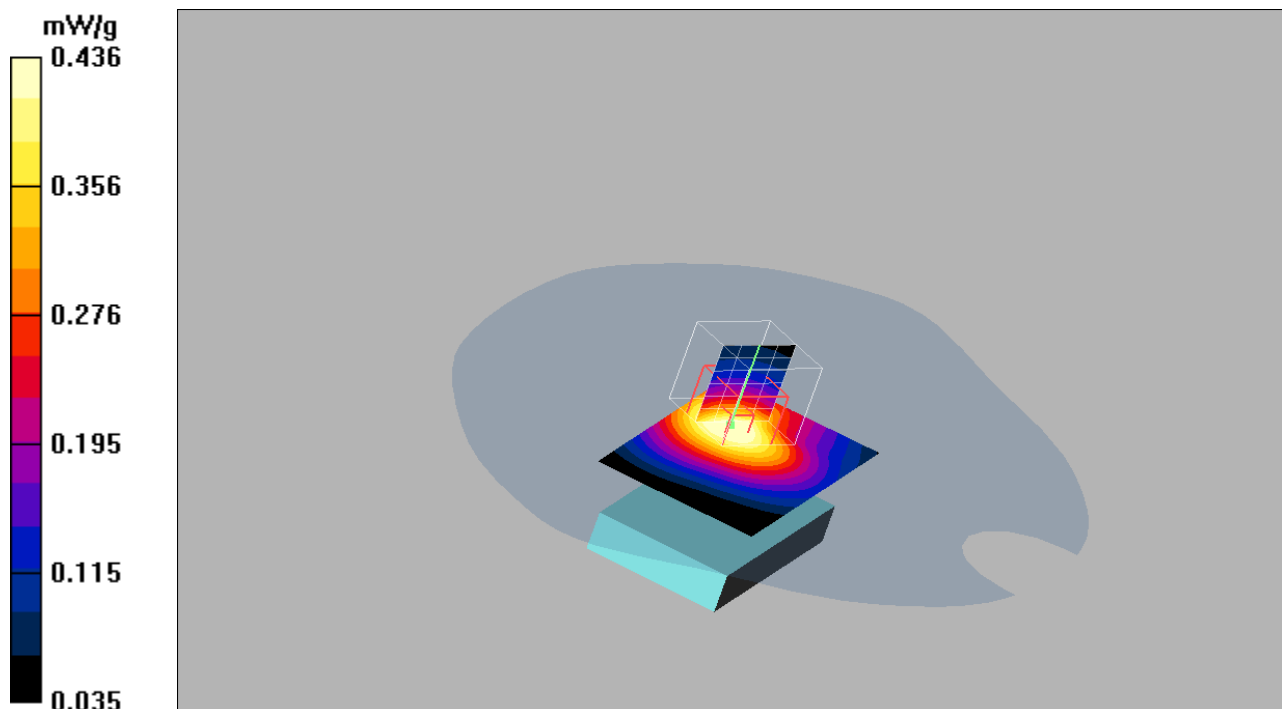
**GPRS 2TS, High Front/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.285 mW/g**

Maximum value of SAR (measured) = 0.436 mW/g



Date/Time: 2009-03-18 09:51:46

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_GSM850\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: GSM835MHz\_GPRS2Slots; Frequency: 848.8 MHz; Duty Cycle: 1:4.15  
 Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.01 mW/g

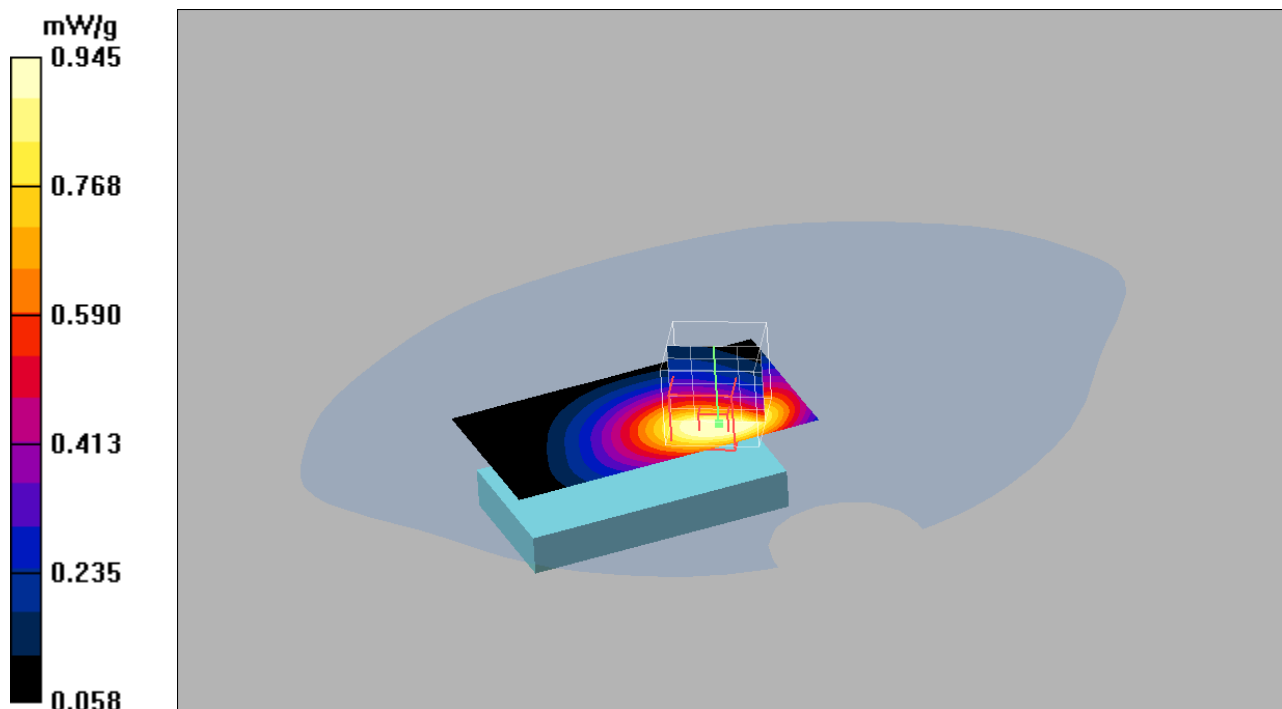
**GPRS 2TS, High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.583 mW/g**

Maximum value of SAR (measured) = 0.945 mW/g



Date/Time: 2009-03-10 13:06:59

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.727 mW/g

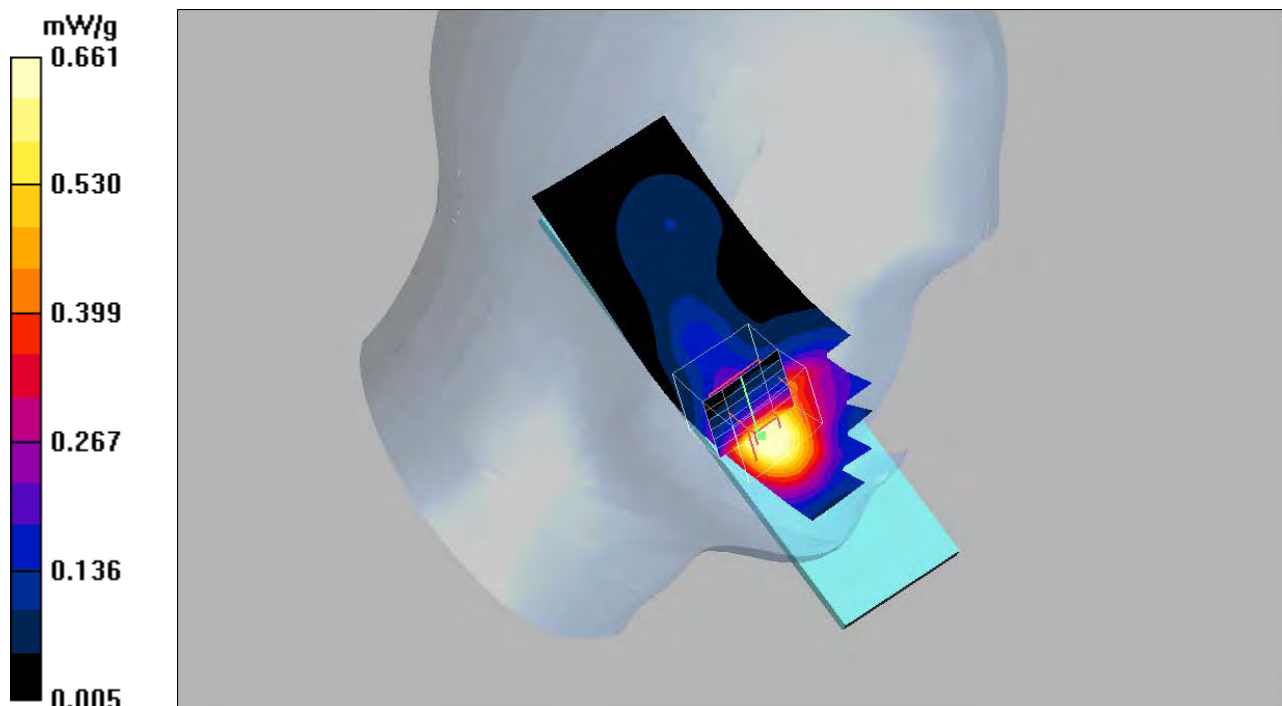
**Left Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.985 W/kg

**SAR(1 g) = 0.603 mW/g; SAR(10 g) = 0.357 mW/g**

Maximum value of SAR (measured) = 0.661 mW/g





Date/Time: 2009-03-10 12:21:13

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Measurement Standard: DASy4 (High Precision Assessment)

DASy4 Configuration:

- Probe: ES3DV3 - SN3062; ConvF(4.69, 4.69, 4.69); Calibrated: 2009-01-12
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.188 mW/g

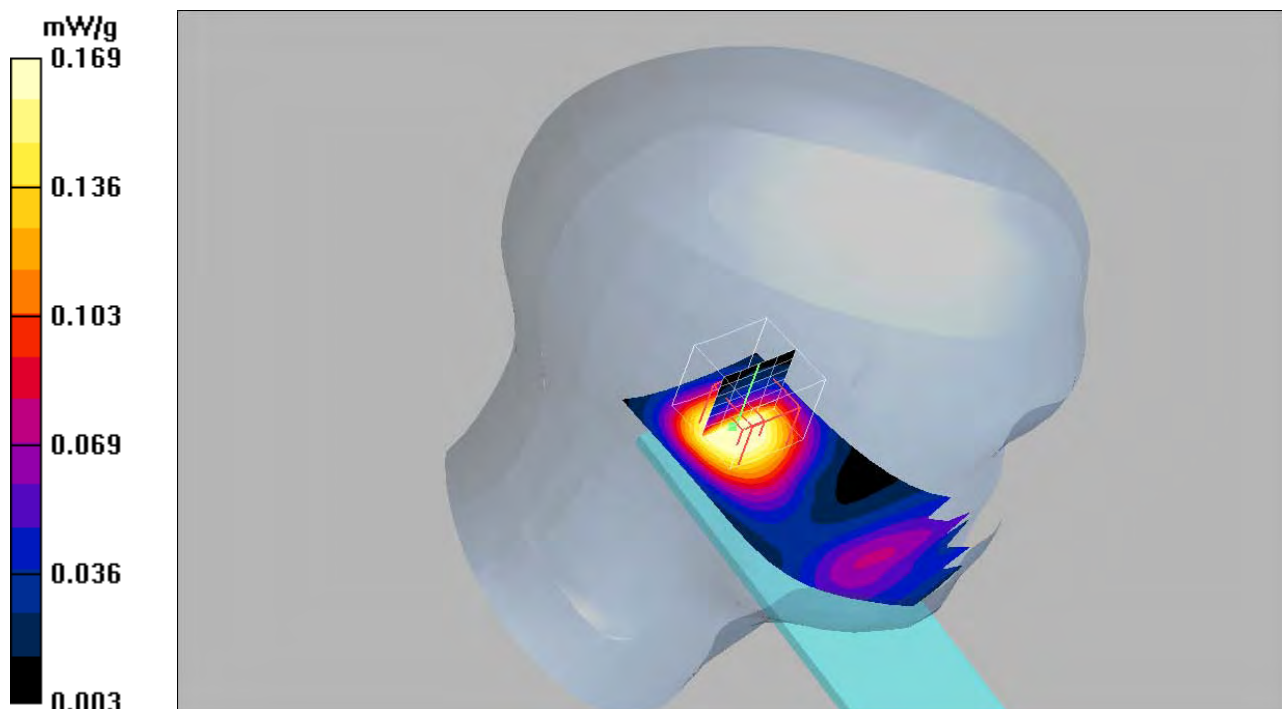
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.58 V/m; Power Drift = 0.322 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g





Date/Time: 2009-03-10 15:20:18

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.581 mW/g

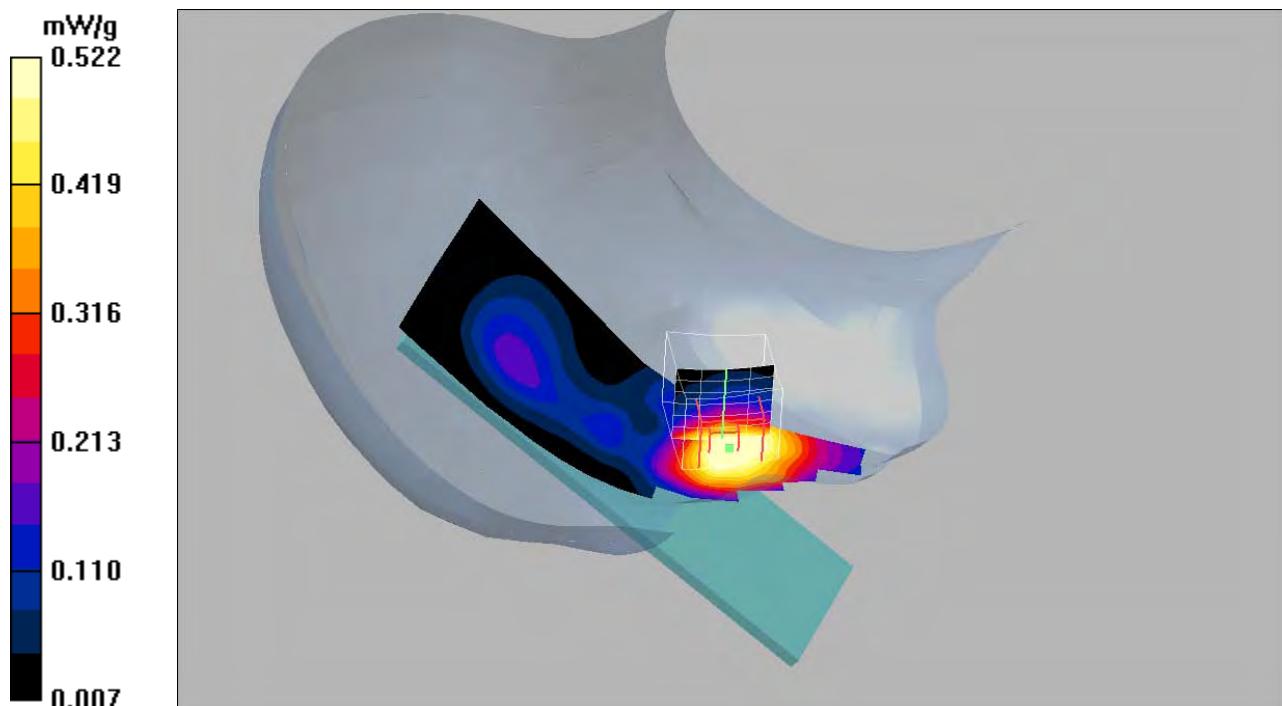
**Right Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.78 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.797 W/kg

**SAR(1 g) = 0.497 mW/g; SAR(10 g) = 0.313 mW/g**

Maximum value of SAR (measured) = 0.522 mW/g



Date/Time: 2009-03-10 14:31:18

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_GSM1900\_090310****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.242 mW/g

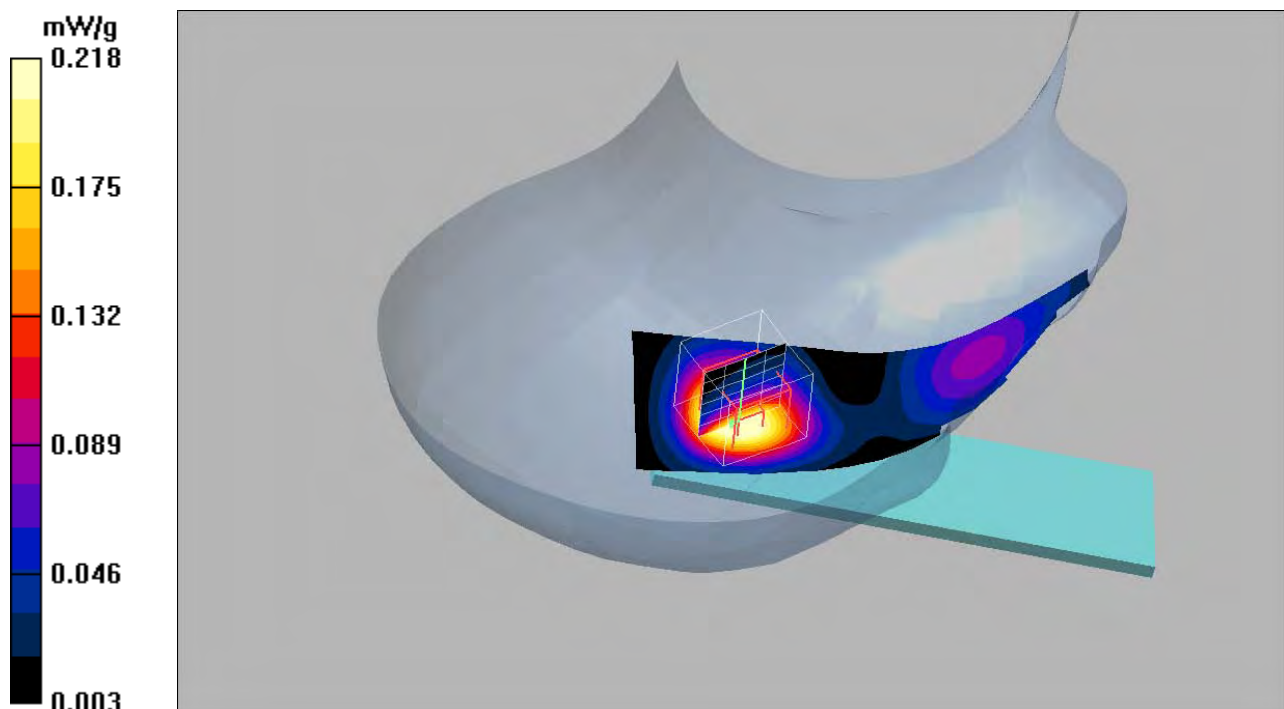
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.79 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.218 mW/g



Date/Time: 2009-03-19 12:54:39

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_PHF\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, High PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.613 mW/g

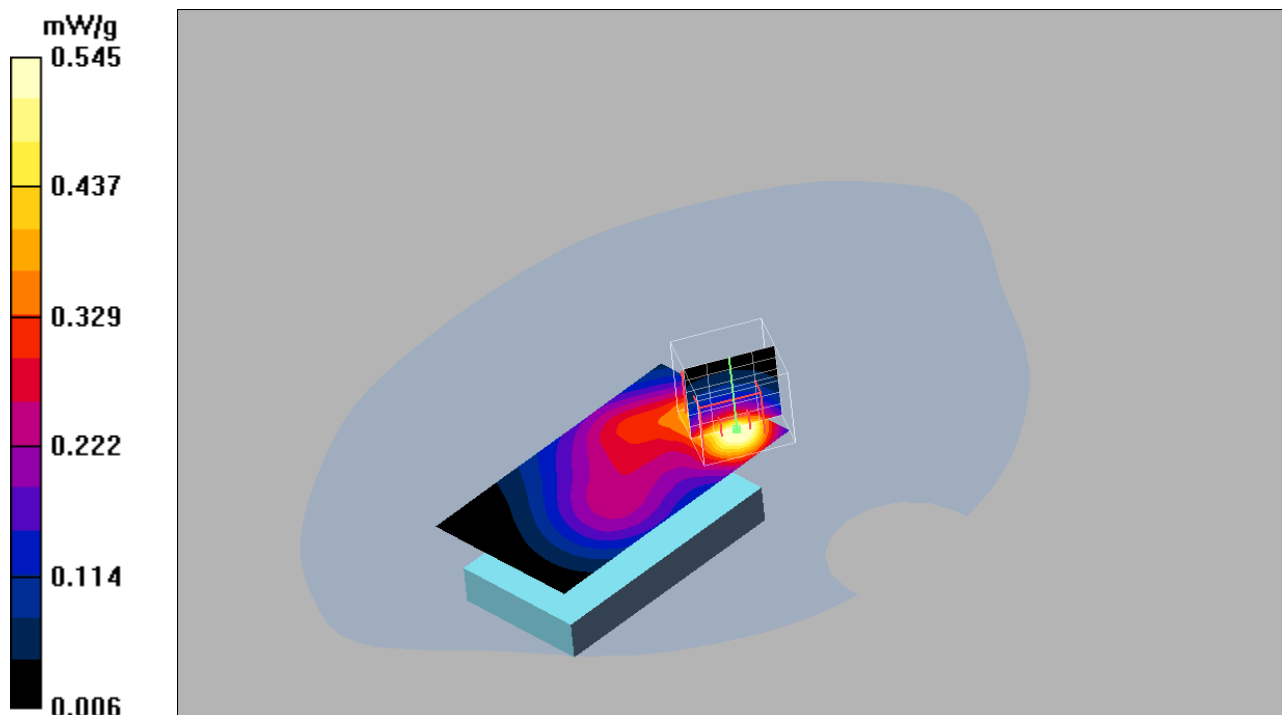
**Speech, High PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.813 W/kg

**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.282 mW/g**

Maximum value of SAR (measured) = 0.545 mW/g



Date/Time: 2009-03-19 13:51:38

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Middle BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 1.11 mW/g

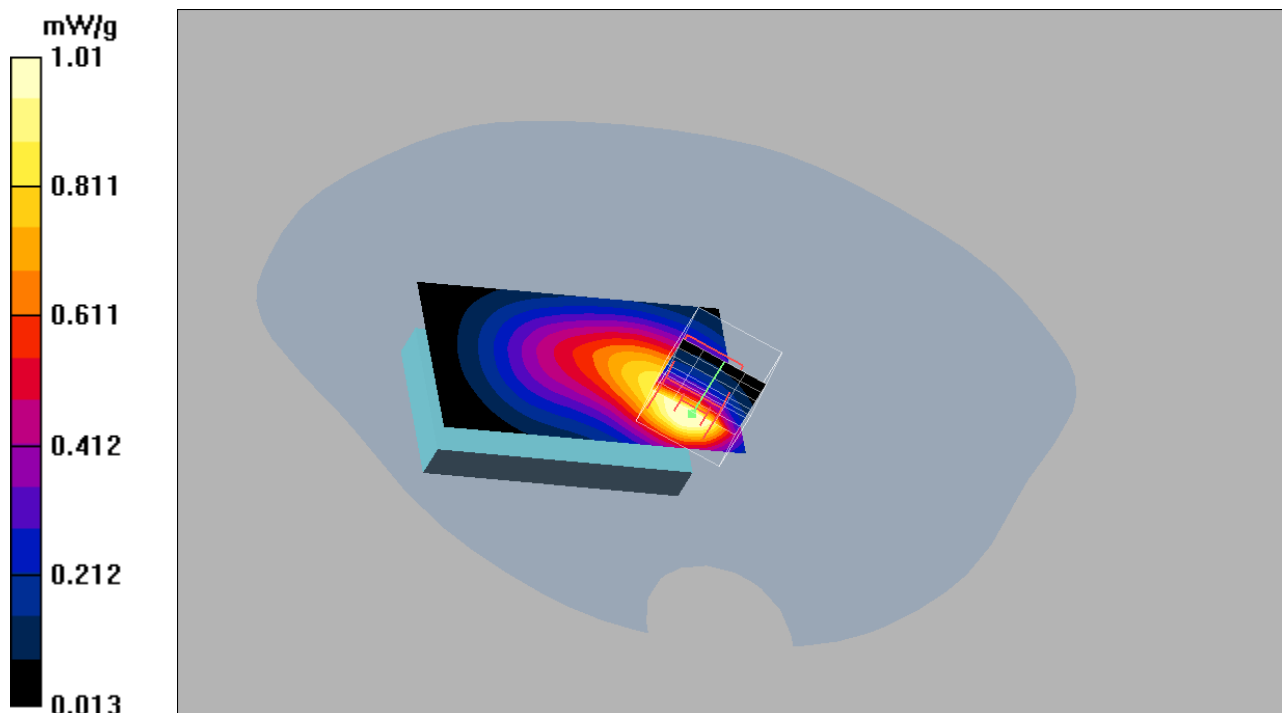
**Speech, Middle BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.1 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.547 mW/g**

Maximum value of SAR (measured) = 1.01 mW/g



Date/Time: 2009-03-19 14:06:30

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_Front\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High Front/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.302 mW/g

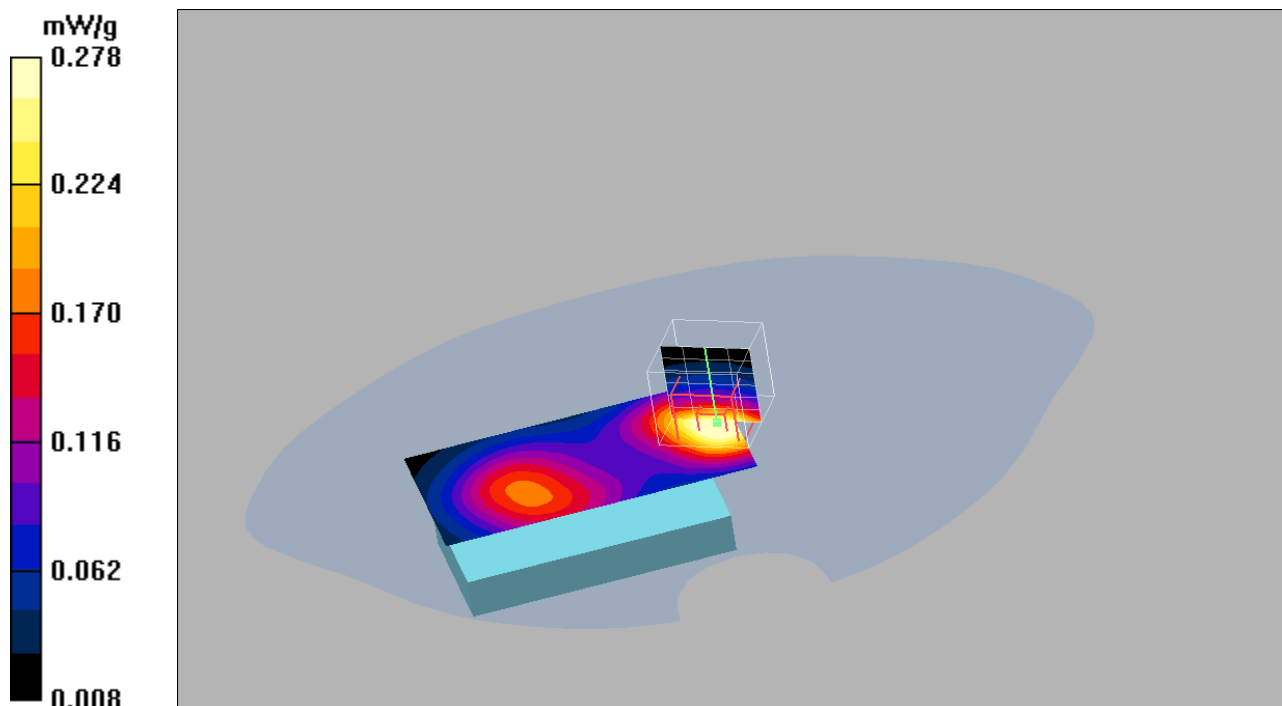
**GPRS 2TS, High Front/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.151 mW/g**

Maximum value of SAR (measured) = 0.278 mW/g



Date/Time: 2009-03-19 12:34:50

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_GPRS\_GSM1900\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**GPRS 2TS, High/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.985 mW/g

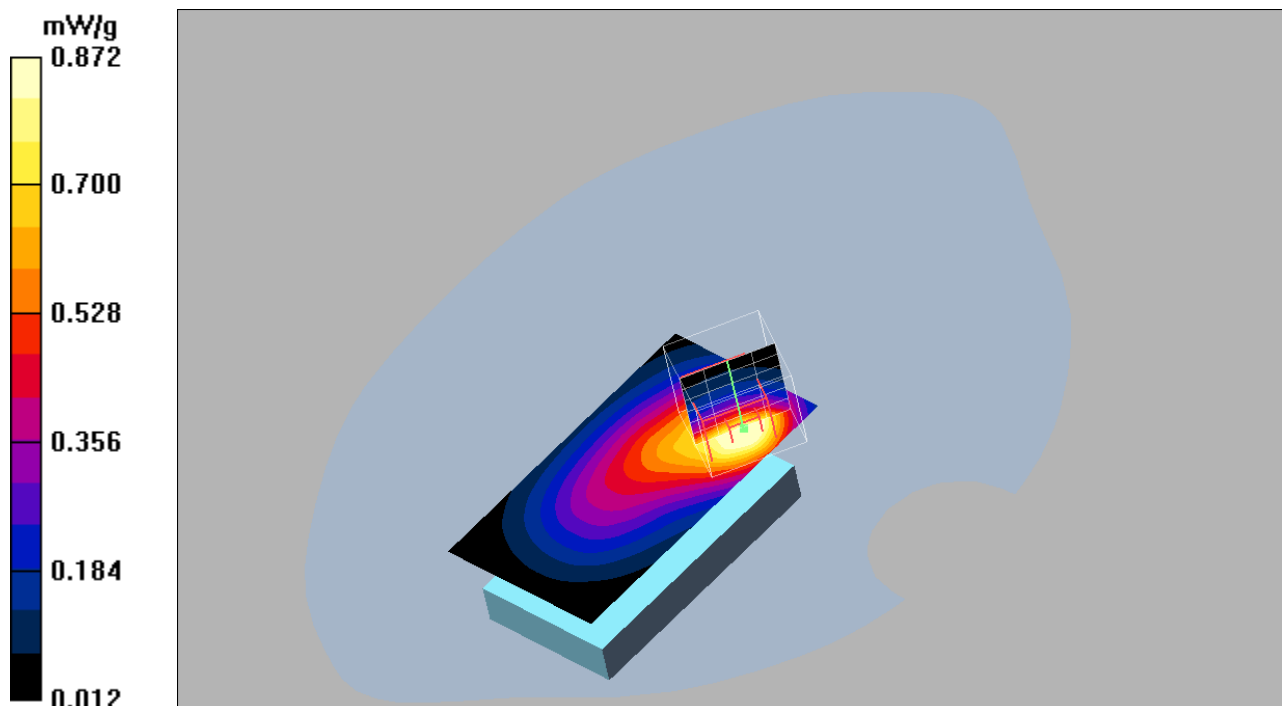
**GPRS 2TS, High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.472 mW/g**

Maximum value of SAR (measured) = 0.872 mW/g



Date/Time: 2009-03-13 12:47:54

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.938 mW/g

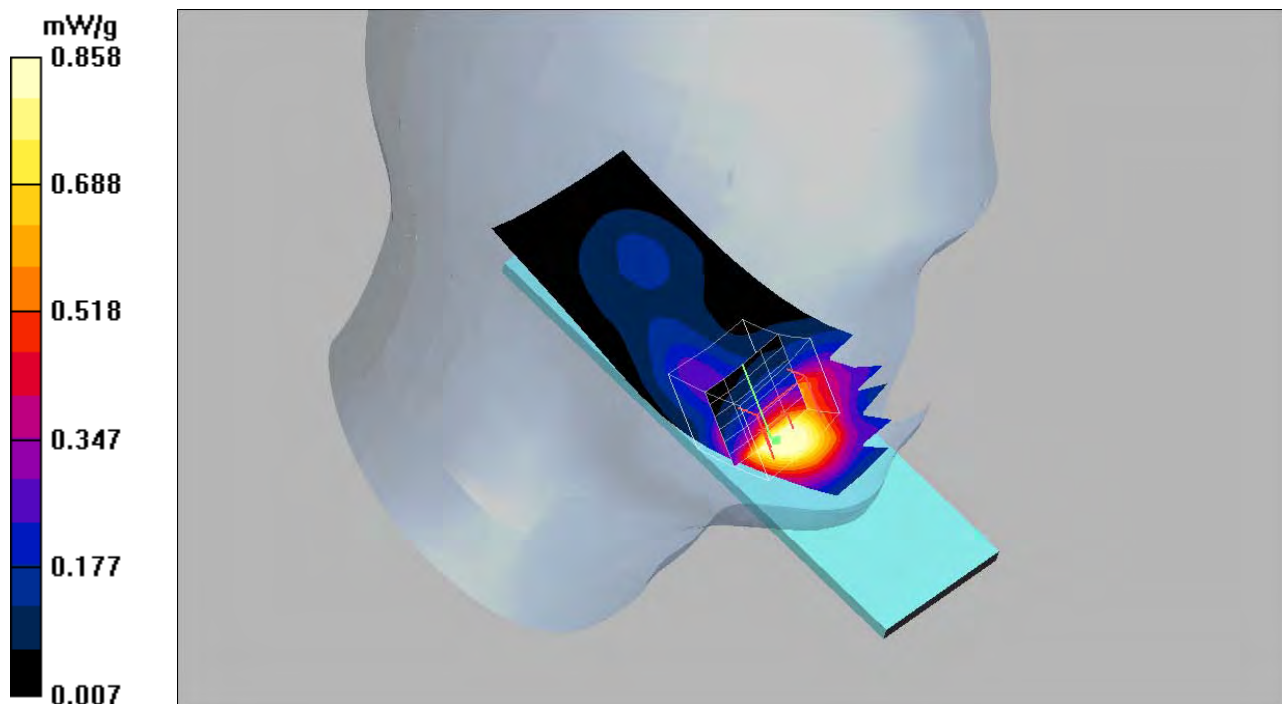
**Left Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.473 mW/g**

Maximum value of SAR (measured) = 0.858 mW/g





Date/Time: 2009-03-13 12:07:33

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.272 mW/g

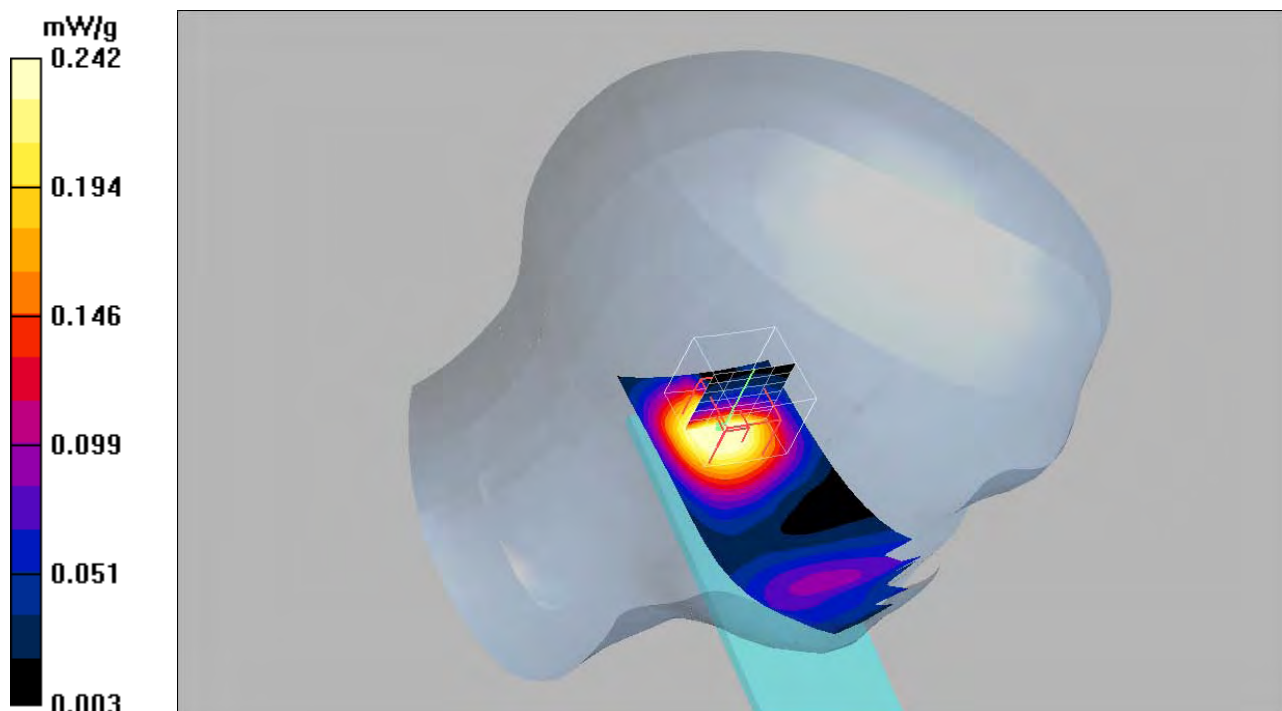
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.82 V/m; Power Drift = 0.296 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 0.242 mW/g





Date/Time: 2009-03-13 10:11:28

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 11.9 V/m; Power Drift = -0.031 dB

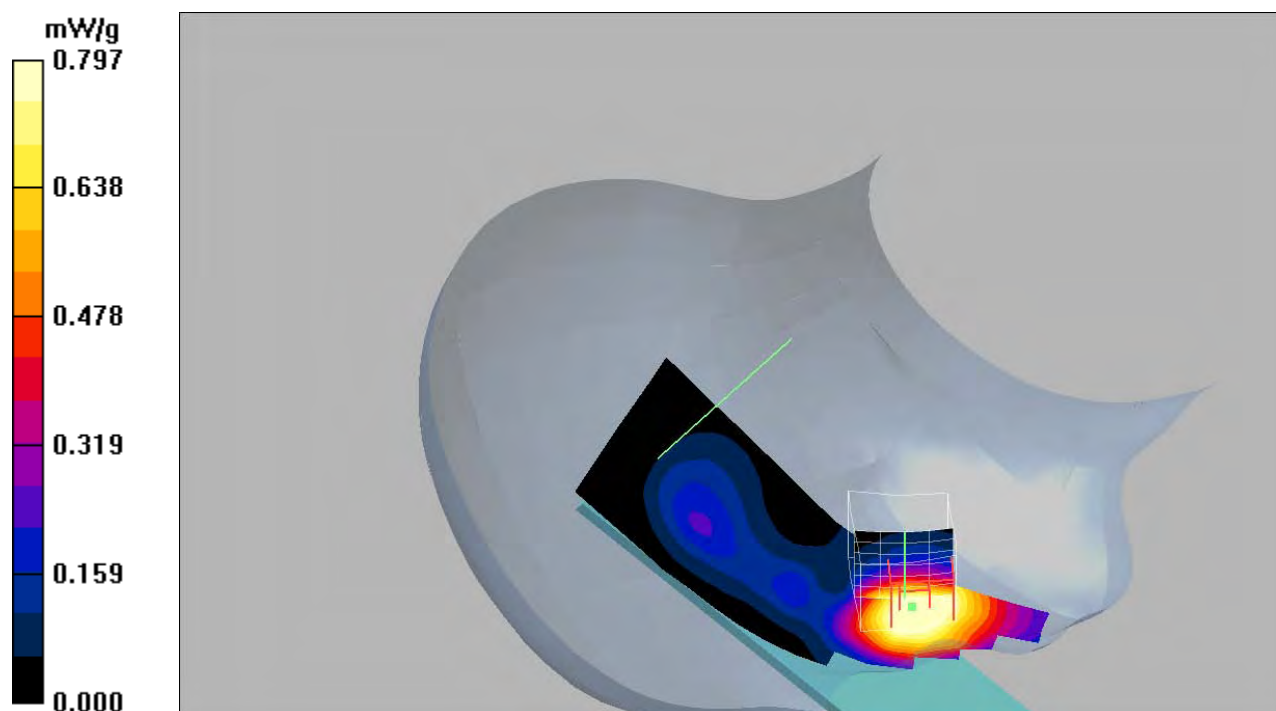
Peak SAR (extrapolated) = 2.46 W/kg

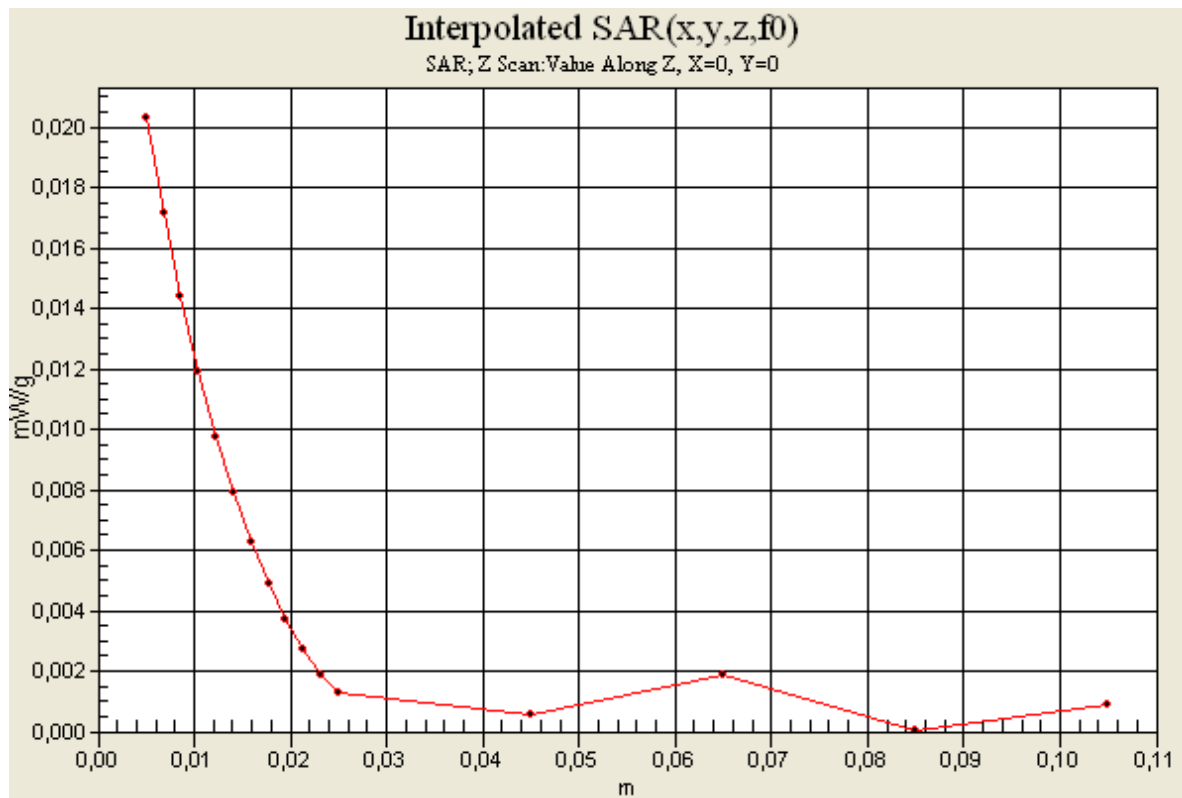
**SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.471 mW/g**

Maximum value of SAR (measured) = 0.797 mW/g

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

Maximum value of SAR (interpolated) = 0.020 mW/g





Date/Time: 2009-03-13 08:21:10

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_UMTS2\_090313****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.380 mW/g

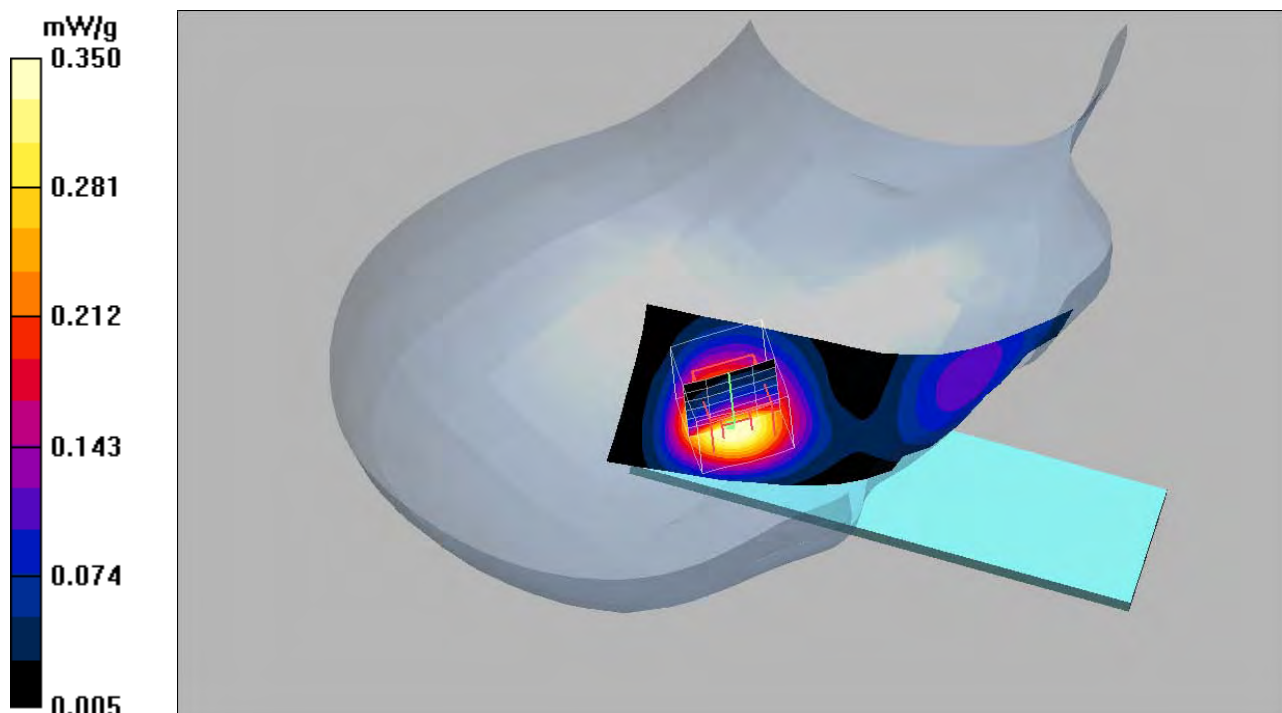
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.63 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.498 W/kg

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.190 mW/g**

Maximum value of SAR (measured) = 0.350 mW/g



Date/Time: 2009-03-19 08:47:44

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_PHF\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.927 mW/g

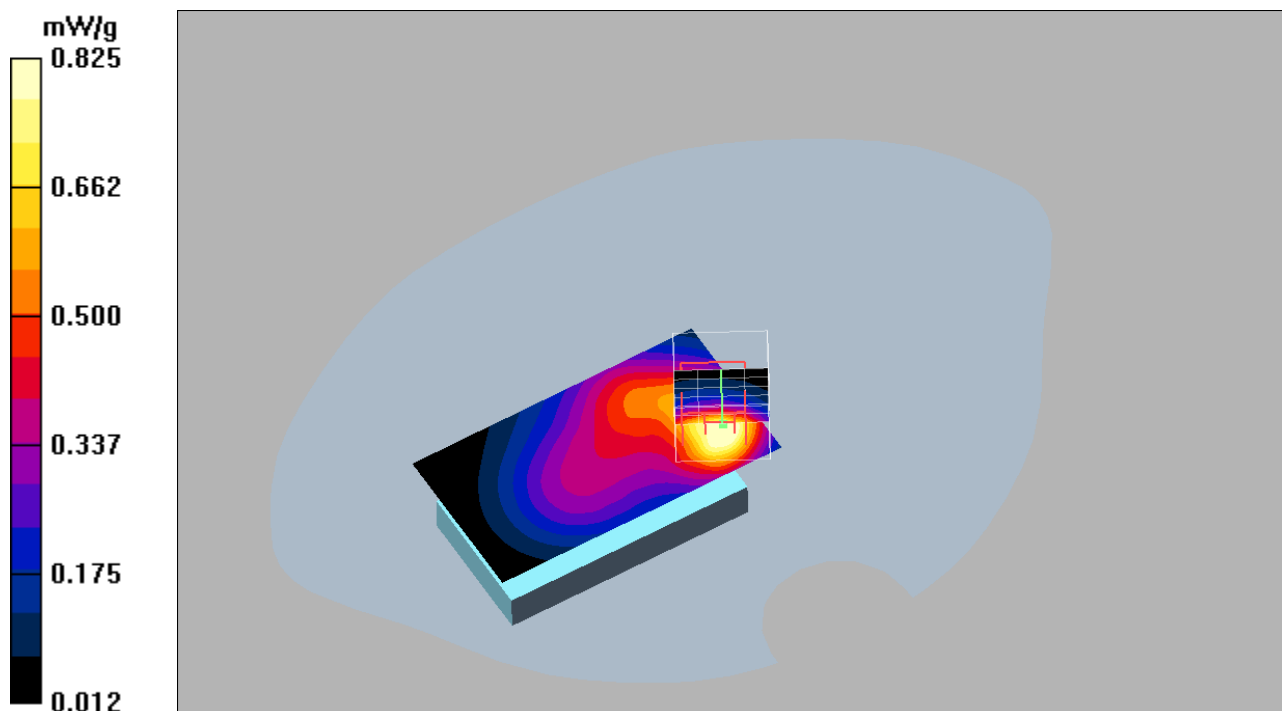
**Speech, PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.430 mW/g**

Maximum value of SAR (measured) = 0.825 mW/g



Date/Time: 2009-03-19 09:05:02

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_BT\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.36 mW/g

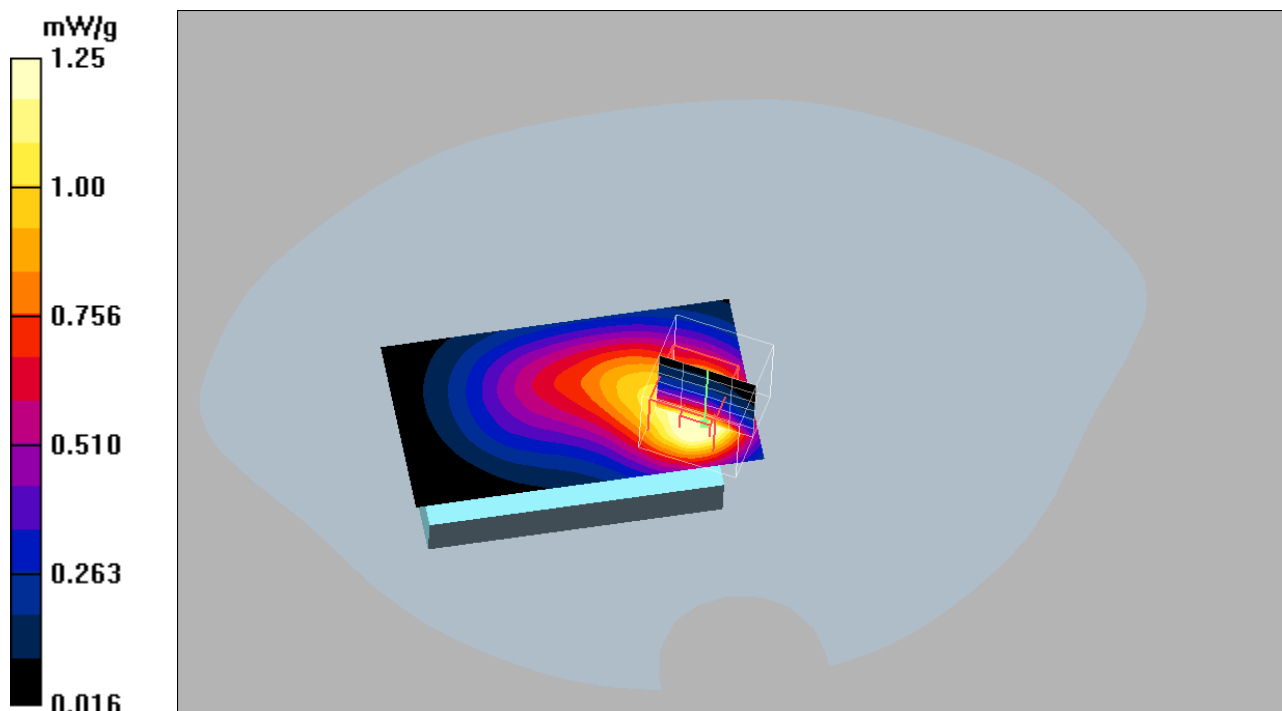
**Speech, BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.681 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



Date/Time: 2009-03-19 10:39:21

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_BT\_Front\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.59$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, PHF Front/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.454 mW/g

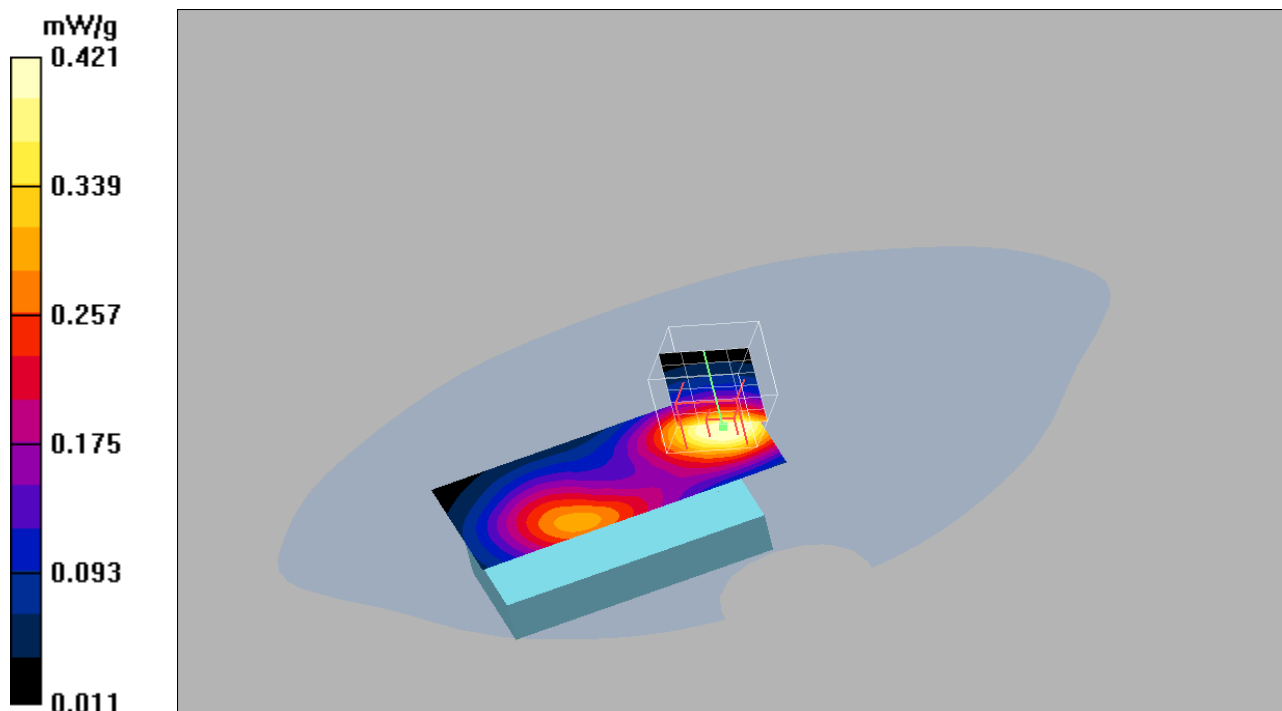
**Speech, PHF Front/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.587 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.234 mW/g**

Maximum value of SAR (measured) = 0.421 mW/g



Date/Time: 2009-03-19 10:22:00

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_HSDPA\_UMTS2\_090319****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1907.6$  MHz;  $\sigma = 1.58$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**HSDPA High/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

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

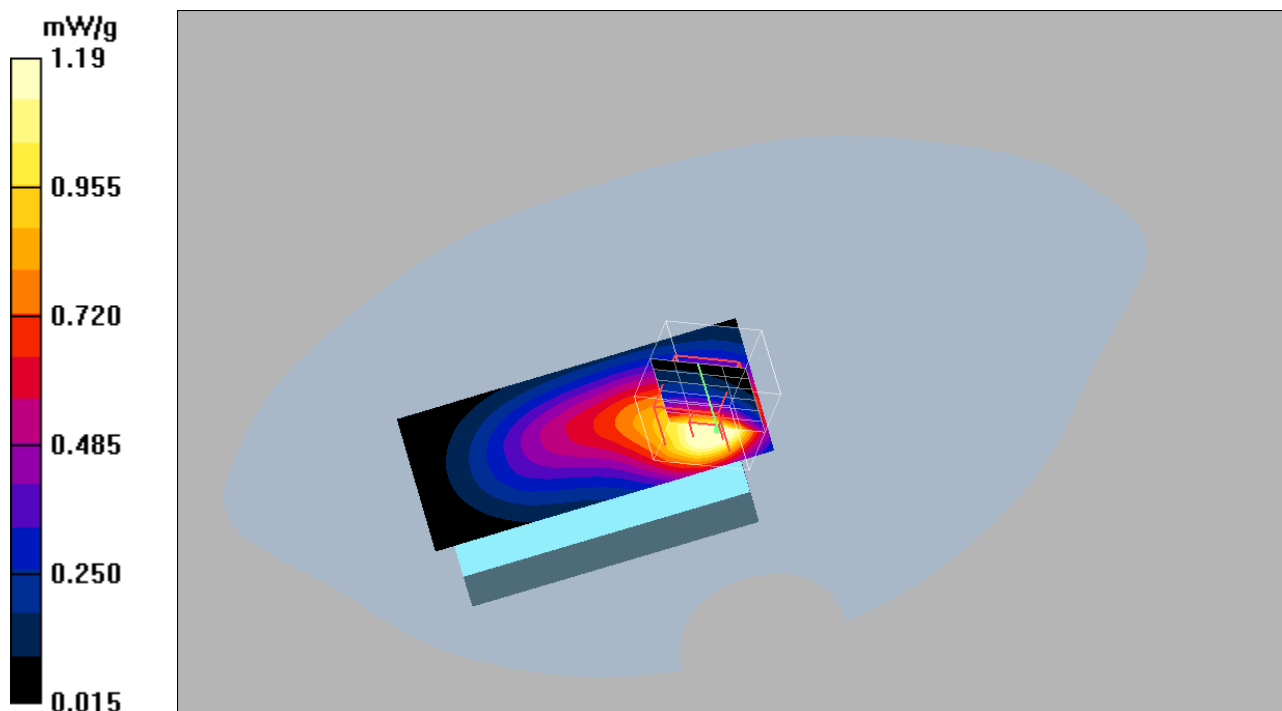
**HSDPA High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.1 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.639 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g





Date/Time: 2009-03-05 12:17:52

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Cheek\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.584 mW/g

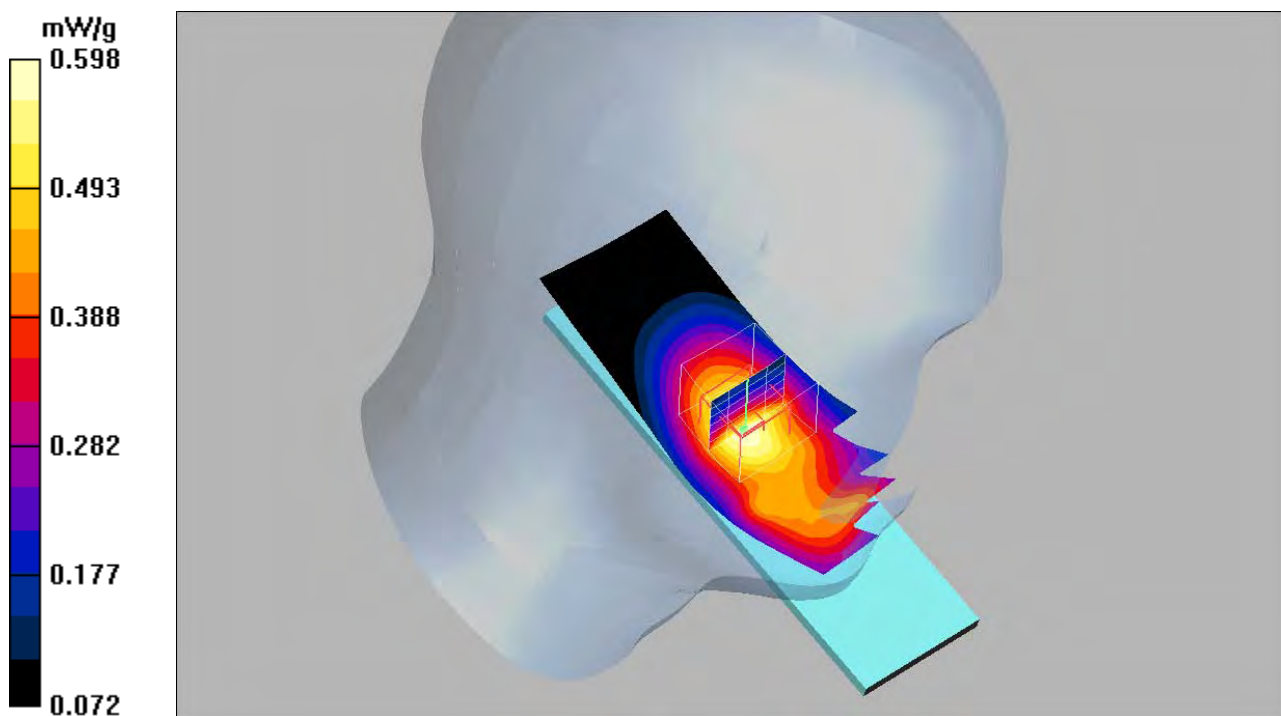
**Left Cheek/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.706 W/kg

**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.415 mW/g**

Maximum value of SAR (measured) = 0.598 mW/g





Date/Time: 2009-03-05 12:47:53

Test Laboratory: Sony Ericsson Mobile Communications AB

**Left\_Tilt\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.403 mW/g

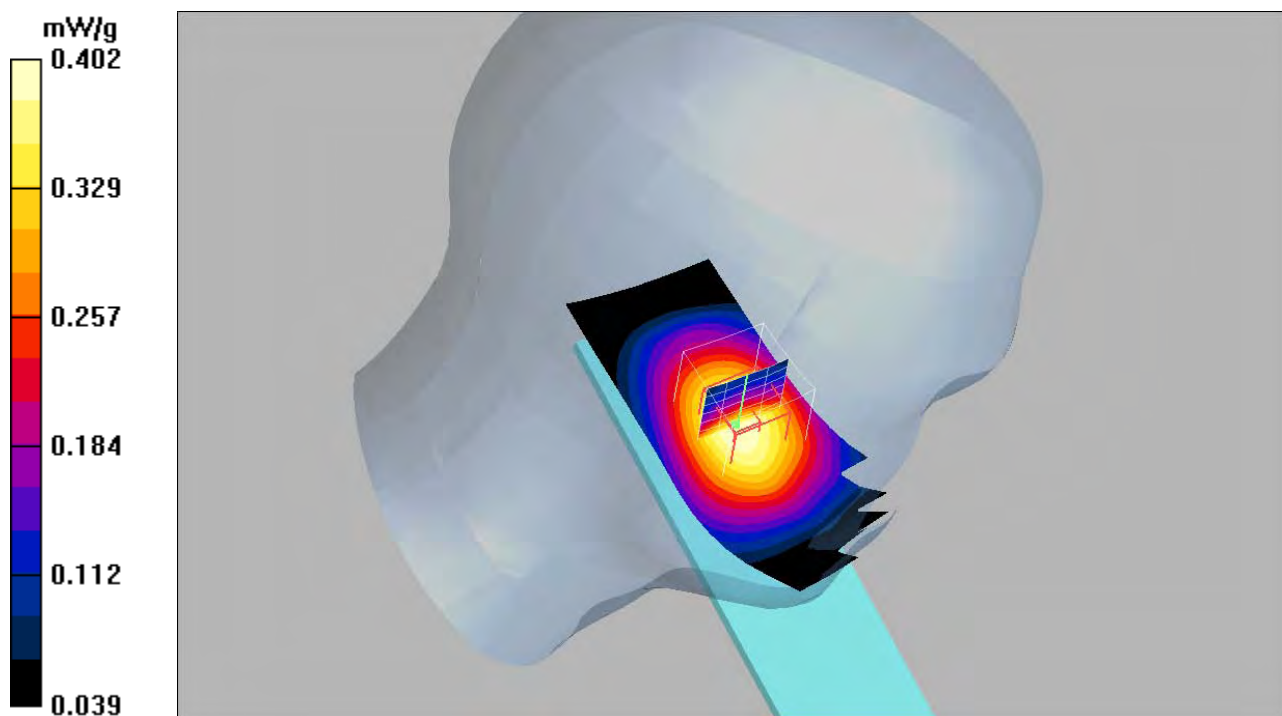
**Left Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 0.402 mW/g



Date/Time: 2009-03-05 11:07:44

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Cheek\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 846.6$  MHz;  $\sigma = 0.919$  mho/m;  $\epsilon_r = 43$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek High/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.552 mW/g

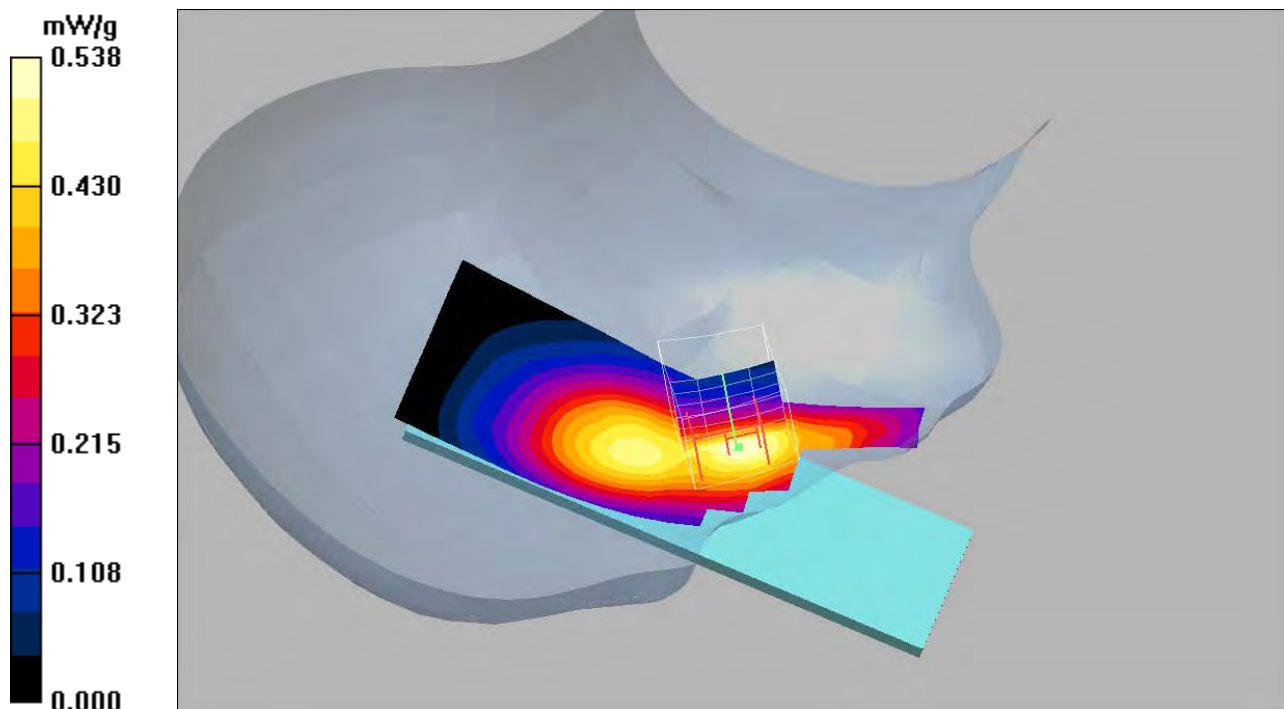
**Right Cheek High/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.99 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.349 mW/g**

Maximum value of SAR (measured) = 0.538 mW/g



Date/Time: 2009-03-05 10:23:20

Test Laboratory: Sony Ericsson Mobile Communications AB

**Right\_Tilt\_UMTS5\_Head\_090305****DUT: AAD-3880024-BV (Brittany) (open); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.909$  mho/m;  $\epsilon_r = 43.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- Phantom: SAM 1; Type: Twin SAM; Serial: TP-1144
- Measurement SW: DASYS4, V4.7 Build 71; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilt/Area Scan (61x191x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.317 mW/g

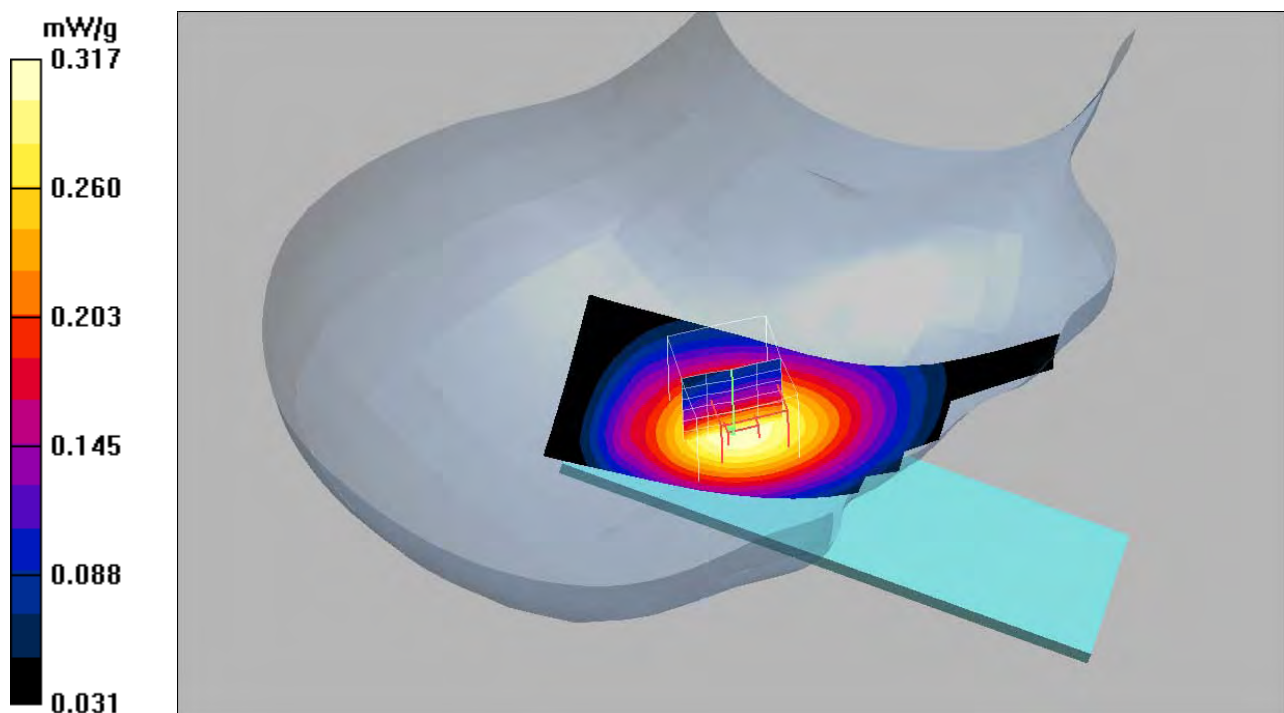
**Right Tilt/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.286 dB

Peak SAR (extrapolated) = 0.380 W/kg

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.317 mW/g



Date/Time: 2009-03-18 13:07:55

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_PHF\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 826.4$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 52.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection) Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Low PHF/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.452 mW/g

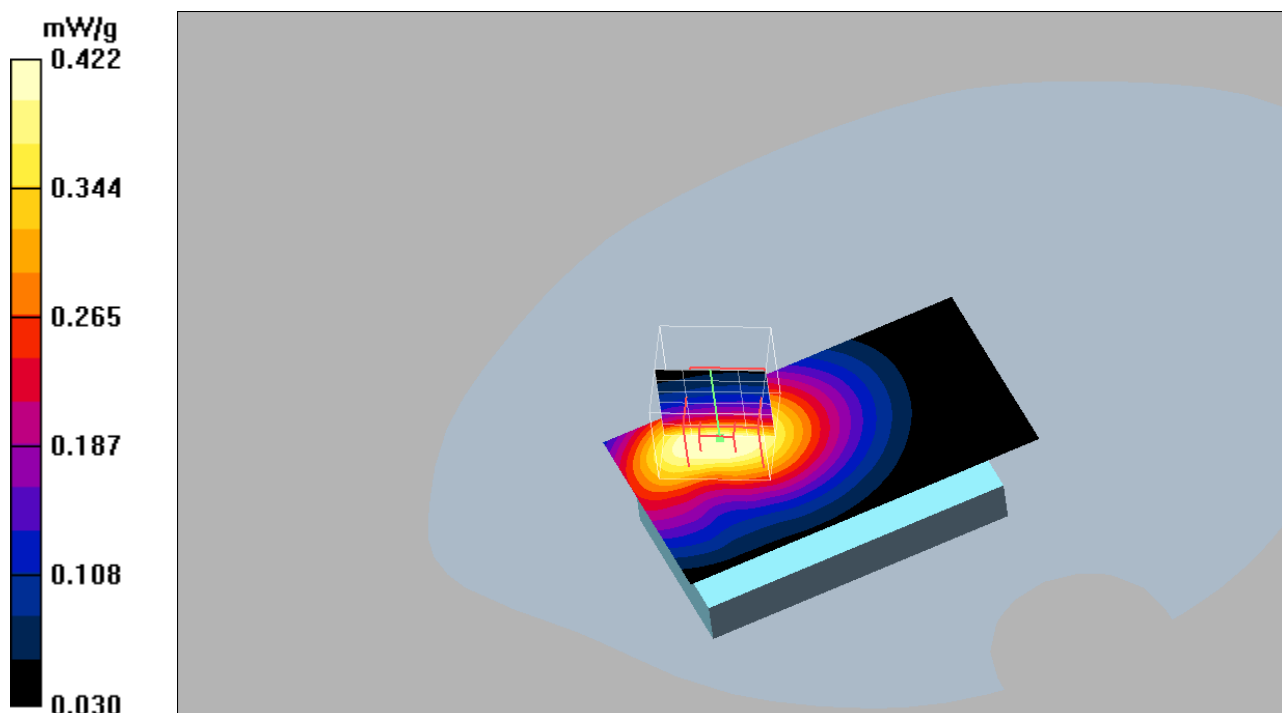
**Speech, Low PHF/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.24 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.422 mW/g



Date/Time: 2009-03-18 13:40:24

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Middle BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.587 mW/g

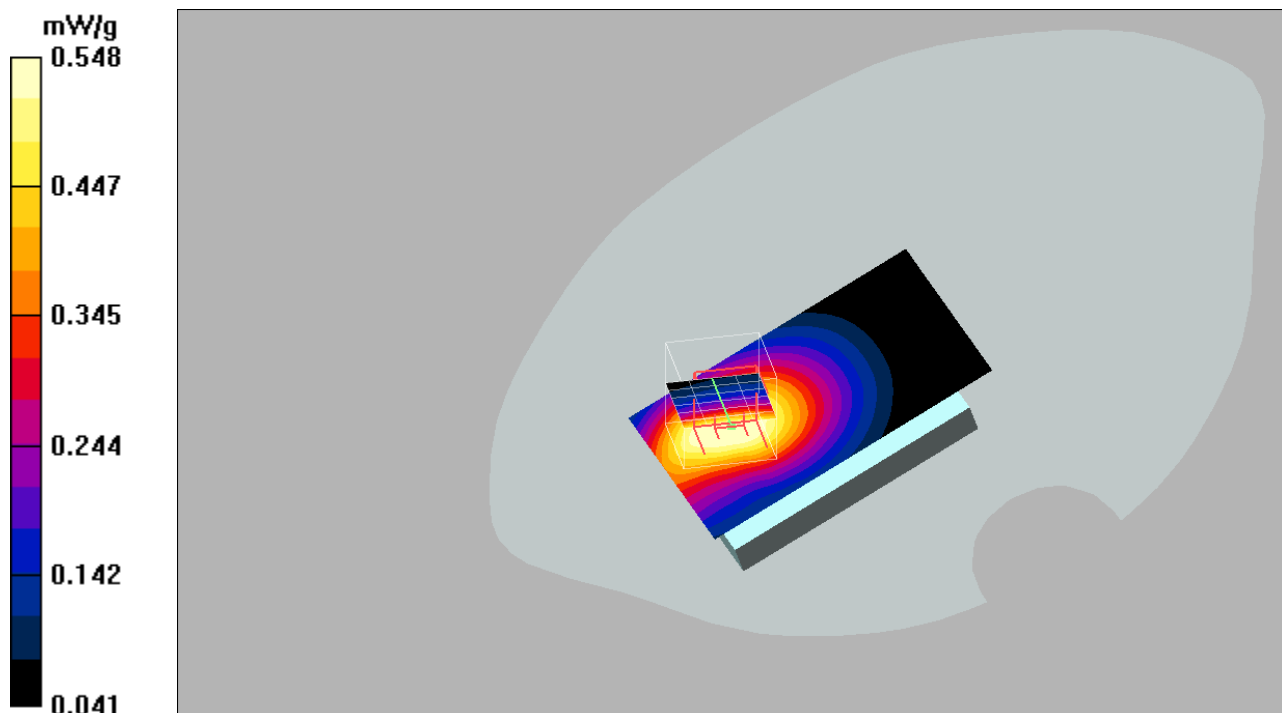
**Speech, Middle BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.13 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.728 W/kg

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.548 mW/g



Date/Time: 2009-03-18 15:20:29

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_Speech\_BT\_Front\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Speech, Middle Front BT/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.258 mW/g

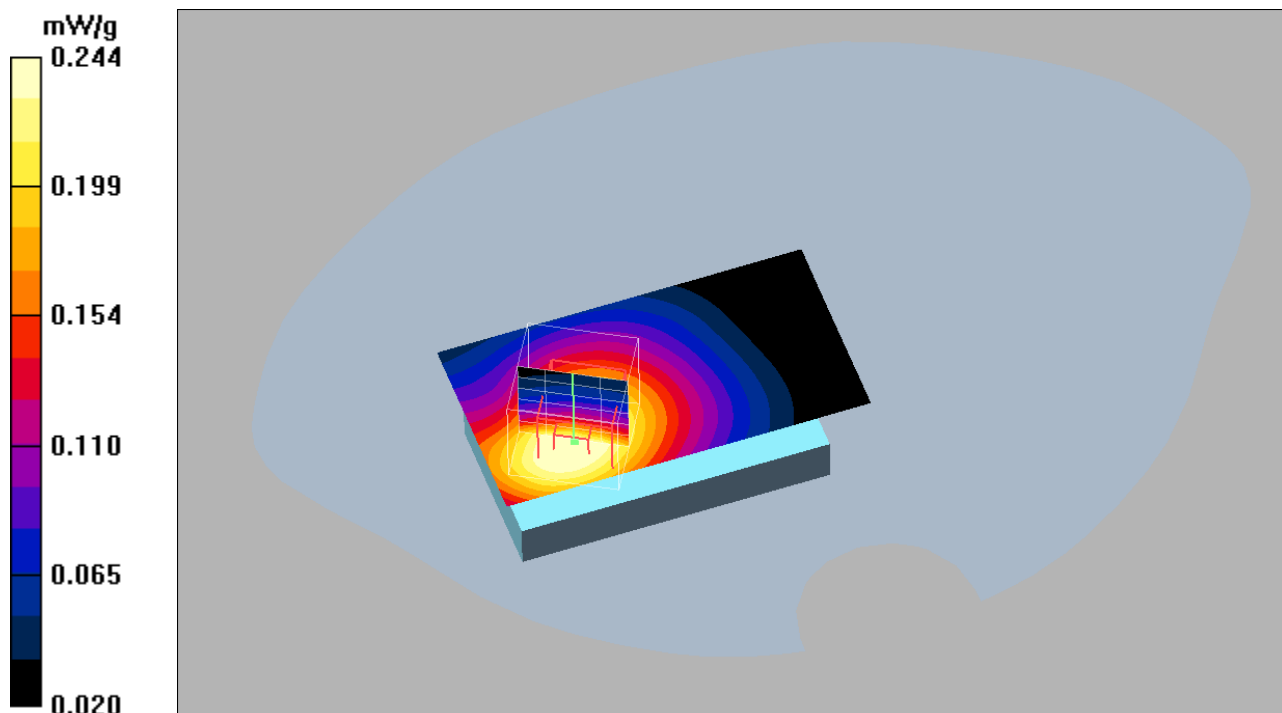
**Speech, Middle Front BT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.58 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



Date/Time: 2009-03-18 14:24:23

Test Laboratory: Sony Ericsson Mobile Communications AB

**Body\_HSDPA\_UMTS5\_090318****DUT: AAD-3880024-BV (Brittany) (closed); Type: AAD-3880024-BV; Serial: BX900GHNQX**

Communication System: UMTS V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used))  
Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn433; Calibrated: 2009-01-13
- 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

**Data, Middle HSPA/Area Scan (61x111x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.552 mW/g

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

Reference Value = 5.72 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.321 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g

