CETECOM ICT Services GmbH
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SAR-Laboratory Phone: +49 (0) 681 598-8454 .

Accredited testing laboratory

DAR registration number: DAT-P-176/94-D1

Test report no. : 1-1065-15-02/09
Type identification : AAD-3880031-BV
Test specification : IEEE 1528-2003
FCC-ID : PY7A3880031
IC-ID : 4170B-A3880031

Table of Contents

1 General Information

1.1 Notes

The test results of this test report relate exclusively to the test item specified in 1.5. The CETECOM ICT Services GmbH does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of the CETECOM ICT Services GmbH.

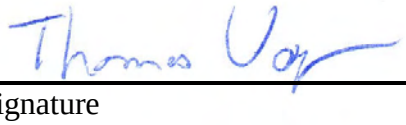
1.1.1 Statement of Compliance

The SAR values found for the AAD-3880031-BV **Mobile Phone** are below the maximum recommended levels of 1.6 W/Kg as averaged over any 1 g tissue according to the FCC rule §2.1093, the ANSI/IEEE C 95.1:1999, the NCRP Report Number 86 for uncontrolled environment, according to the Health Canada's Safety Code 6 and the Industry Canada Radio Standards Specification RSS-102 for General Population/Uncontrolled exposure.
For body worn operation, this device has been tested and meets FCC RF exposure guidelines when used with any accessory that contains no metal and that positions the handset a minimum of 15 mm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.
The measurement together with the test system set-up is described in chapter 2.3 of this test report. A detailed description of the equipment under test can be found in chapter 1.5.

Test engineer:

2009-04-02	**Oleksandr Hnatovskiy**	
Date	Name	Signature

Technical responsibility for area of testing:

2009-04-02	**Thomas Vogler**	
Date	Name	Signature

1.2 Testing laboratory

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Untertuerkheimer Straße 6-10,
66117 Saarbruecken
Germany
Telephone: + 49 681 598 - 0
Fax: + 49 681 598 - 8475

e-mail: info@ict.cetecom.de
Internet: http://www.cetecom-ict.de

State of accreditation: The Test laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025. DAR registration number: DAT-P-176/94-D1

Test location, if different from CETECOM ICT Services GmbH

Name: ---
Street: ---
Town: ---
Country: ---
Phone: ---
Fax: ---

1.3 Details of applicant

Name: Sony Ericsson Mobile Communications AB

Street: Mobilvägen 10
Town: 22188 Lund
Country: Sweden

Contact: Mr. Peter Lindeborg
Telephone: +46-10-802-43 68

1.4 Application details

Date of receipt of application: 2009-03-05
Date of receipt of test item: 2009-03-05
Start/Date of test: 2009-03-06
End of test: 2009-03-16

Person(s) present during the test: ---

1.5 Test item

Description of the test item: Mobile Phone
Type identification: AAD-3880031-BV
FCC-ID : PY7A3880031
IC-ID : 4170B-A3880031
Serial number: BX900H6RKX

Manufacturer:
Name: Sony Ericsson Mobile Communications AB
Street: Mobilvägen 10
Town: 22188 Lund
Country: Sweden

additional information on the DUT:		
device type :	portable device	
IMEI No :	00440107-624315-9	
exposure category:	uncontrolled environment / general population	
test device production information	production unit	
device operating configurations :		
operating mode(s)	GSM, DCS, PCS, UMTS/WCDMA, Bluetooth	
modulation	GMSK, 8-PSK, QPSK(dl), 2*BPSK/HPSK(ul)	
GPRS mobile station class :	B	
GPRS multislot class :	10	voice mode : ---
EGPRS multislot class	10	voice mode : ---
maximum no. of timeslots in uplink:	2	
operating frequency range(s)	transmitter frequency range	receiver frequency range
PCS 1900 (tested):	1850.2 MHz ~ 1909.8 MHz	1930.2 MHz ~ 1989.8 MHz
PCS 850 (tested):	824.2 MHz ~ 848.8 MHz	869.2 MHz ~ 893.8 MHz
DCS 1800	1710 MHz ~ 1785 MHz	1805 MHz ~ 1880 MHz
GSM 900	880 MHz ~ 915 MHz	925 MHz ~ 960 MHz
FDD I	1922.4 MHz ~ 1977.6 MHz	2112.4 MHz ~ 2167.6 MHz
FDD II (tested)	1852.4 MHz ~ 1907.6 MHz	1932.4 MHz ~ 1987.6 MHz
FDD V (tested)	826.4 MHz ~ 846.6 MHz	871.4 MHz ~ 891.6 MHz
Power class :	1, tested with power level 0 (1900 MHz band) 4, tested with power level 5 (850 MHz band) 3; (FDD II band); (FDD V)	
measured peak output power (conducted):	850 MHz band: 32.6 dBm (GMSK); 26.5 dBm (8-PSK) 1900 MHz band: 29.7 dBm (GMSK); 25.2 dBm (8-PSK) FDD II band: 23.03dBm; FDD V: 22.62dBm (average max.)	
test channels (low-mid-high) :	128-190-251 (850 MHz band) 512-661-810 (1900 MHz band) 9262-9400-9538 (FDD II band) 4132-4182-4233 (FDD V band)	
hardware version :	---	
software version :	AP1	
antenna type :	Integrated antenna	
accessories/body-worn configurations:	Stereo headset	
battery options :	Sony Ericsson Standard Battery BST-39 / 3.6V / 920mAh	

1.6 Test specification(s)

Supplement C (Edition 01-01) to OET Bulletin 65 (Edition 97-01)

IEEE 1528-2003 (April 21, 2003)

RSS-102: Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands (Issue 2 of November 2005)

Canada's Safety Code 6: Limits of Human Exposure to Radiofrequency Electromagnetic Fields in the Frequency Range from 3 kHz to 300 GHz (99-EHD-237)

IEEE Std C95.3 – 1991, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields – RF and Microwave.

IEEE Std C95.1 – 1999, IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz.

1.6.1 RF exposure limits

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational
Spatial Peak SAR* (Brain)	**1.60 mW/g**	8.00 mW/g
Spatial Average SAR** (Whole Body)	0.08 mW/g	0.40 mW/g
Spatial Peak SAR*** (Hands/Feet/Ankle/Wrist)	4.00 mW/g	20.00 mW/g

Table 1: RF exposure limits

The limit applied in this test report is shown in **bold** letters

Notes:

* The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time

** The Spatial Average value of the SAR averaged over the whole body.

*** The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.	☒
The deviations as specified in 2.5 were ascertained in the course of the tests performed.	☐

2.2 Test environment

General Environment conditions in the test area are as follows:

Ambient temperature: 20°C – 24°C
Tissue simulating liquid: 20°C – 24°C
Humidity: 40% – 50%

Exact temperature values for each test are shown in the table(s) under 2.5. and/or on the measurement plots.

2.3 Measurement and test set-up

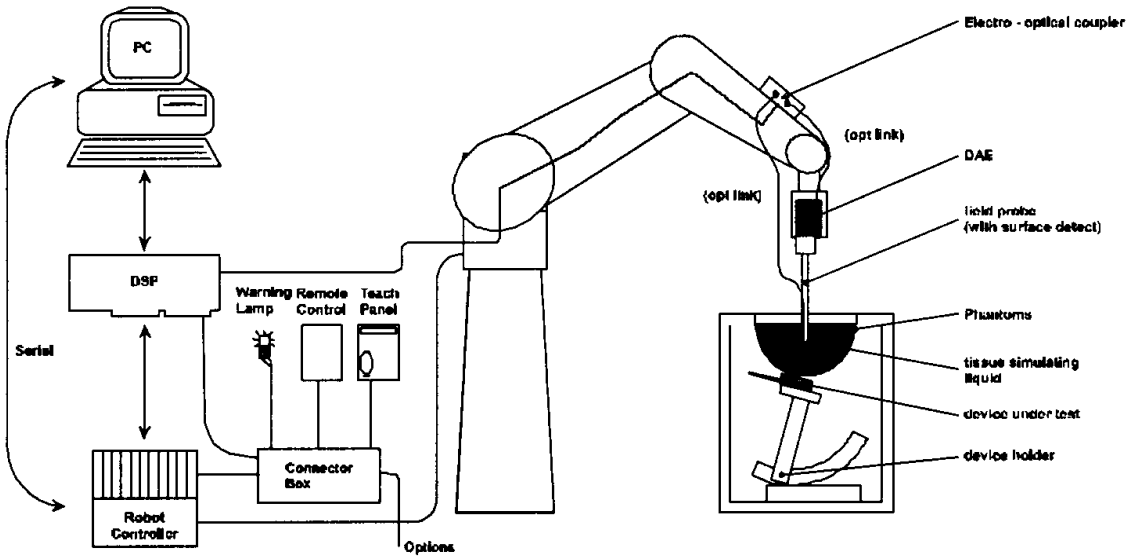
The measurement system is described in chapter 2.4.

The test setup for the system validation can be found in chapter 2.4.14.

A description of positioning and test signal control can be found in chapter 2.5 together with the test results.

2.4 Measurement system

2.4.1 System Description



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

- A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).

- A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.

- A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- A unit to operate the optical surface detector which is connected to the EOC.
- The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY4 measurement server.
- The DASY4 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation. A computer operating Windows 2000
- DASY4 software and SEMCAD data evaluation software.
- Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
- The generic twin phantom enabling the testing of left-hand and right-hand usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- System validation dipoles allowing to validate the proper functioning of the system.

2.4.2 Test environment

The DASY4 measurement system is placed at the head end of a room with dimensions:
5 x 2.5 x 3 m³, the SAM phantom is placed in a distance of 75 cm from the side walls and 1.1m from the rear wall. Above the test system a 1.5 x 1.5 m² array of pyramid absorbers is installed to reduce reflections from the ceiling.
Picture 1 of the photo documentation shows a complete view of the test environment.
The system allows the measurement of SAR values larger than 0.005 mW/g.

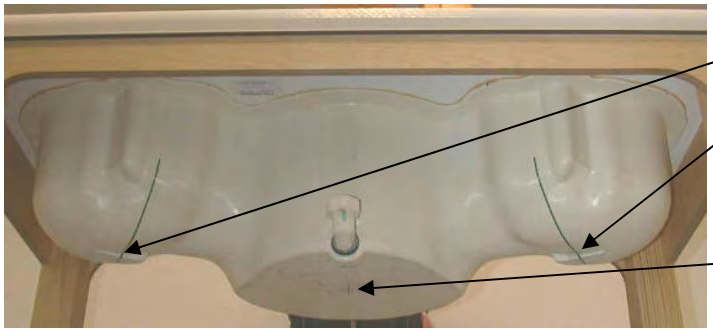
2.4.3 Probe description

Isotropic E-Field Probe ET3DV6 for Dosimetric Measurements

Technical data according to manufacturer information	
Construction	Symmetrical design with triangular core Built-in optical fiber for surface detection system Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., glycolether)
Calibration	In air from 10 MHz to 2.5 GHz In head tissue simulating liquid (HSL) at 900 (800-1000) MHz and 1.8 GHz (1700-1910 MHz) (accuracy ± 9.5%; k=2) Calibration for other liquids and frequencies upon request
Frequency	10 MHz to 3 GHz (dosimetry); Linearity: ± 0.2 dB (30 MHz to 3 GHz)
Directivity	± 0.2 dB in HSL (rotation around probe axis) ± 0.4 dB in HSL (rotation normal to probe axis)
Dynamic range	5 µW/g to > 100 mW/g; Linearity: ± 0.2 dB
Optical Surface Detection	± 0.2 mm repeatability in air and clear liquids over diffuse reflecting surfaces (ET3DV6 only)
Dimensions	Overall length: 330 mm Tip length: 16 mm Body diameter: 12 mm Tip diameter: 6.8 mm Distance from probe tip to dipole centers: 2.7 mm
Application	General dosimetry up to 3 GHz Compliance tests of mobile phones Fast automatic scanning in arbitrary phantoms (ET3DV6)

2.4.4 Phantom description

The used SAM Phantom meets the requirements specified in Edition 01-01 of Supplement C to OET Bulletin 65 for Specific Absorption Rate (SAR) measurements.
The phantom consists of a fibreglass shell integrated in a wooden table. It allows left-hand and right-hand head as well as body-worn measurements with a maximum liquid depth of 18 cm in head position and 22 cm in planar position (body measurements). The thickness of the Phantom shell is 2 mm +/- 0.1 mm.



2.4.5 Device holder description

The DASY4 device holder has two scales for device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear openings). The plane between the ear openings and the mouth tip has a rotation angle of 65°. The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. This device holder is used for standard mobile phones or PDA's only. If necessary an additional support of polystyrene material is used.

Larger DUT's (e.g. notebooks) cannot be tested using this device holder. Instead a support of bigger polystyrene cubes and thin polystyrene plates is used to position the DUT in all relevant positions to find and measure spots with maximum SAR values.
Therefore those devices are normally only tested at the flat part of the SAM.

2.4.6 Scanning procedure

The DASY4 installation includes predefined files with recommended procedures for measurements and validation. They are read-only document files and destined as fully defined but unmeasured masks. All test positions (head or body-worn) are tested with the same configuration of test steps differing only in the grid definition for the different test positions.

- The „reference“ and „drift“ measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure. The indicated drift is mainly the variation of the DUT’s output power and should vary max. +/- 5 %.

- The „surface check“ measurement tests the optical surface detection system of the DASY4 system by repeatedly detecting the surface with the optical and mechanical surface detector and comparing the results. The output gives the detecting heights of both systems, the difference between the two systems and the standard deviation of the detection repeatability. Air bubbles or refraction in the liquid due to separation of the sugar-water mixture gives poor repeatability (above ± 0.1mm). To prevent wrong results tests are only executed when the liquid is free of air bubbles. The difference between the optical surface detection and the actual surface depends on the probe and is specified with each probe. (It does not depend on the surface reflectivity or the probe angle to the surface within ± 30°.)

- The „area scan“ measures the SAR above the DUT or verification dipole on a parallel plane to the surface. It is used to locate the approximate location of the peak SAR with 2D spline interpolation. The robot performs a stepped movement along one grid axis while the local electrical field strenth is measured by the probe. The probe is touching the surface of the SAM during acquisition of measurement values. The standard scan uses large grid spacing for faster measurement. Standard grid spacing for head measurements is 15 mm in x- and y- dimension. If a finer resolution is needed, the grid spacing can be reduced. Grid spacing and orientation have no influence on the SAR result. For special applications where the standard scan method does not find the peak SAR within the grid, e.g. mobile phones with flip cover, the grid can be adapted in orientation.
  Results of this coarse scan are shown in annex 2.

- A „7x7x7 zoom scan” measures the field in a volume around the 2D peak SAR value acquired in the previous „coarse“ scan. This is a fine 7x7 grid where the robot additionally moves the probe in 7 steps along the z-axis away from the bottom of the Phantom. Grid spacing for the cube measurement is 5 mm in x and y-direction and 5 mm in z-direction. DASY4 is also able to perform repeated zoom scans if more than 1 peak is found during area scan. In this document, the evaluated peak 1g and 10g averaged SAR values are shown in the 2D-graphics in annex 2. Test results relevant for the specified standard (see chapter 1.6.) are shown in table form in chapter 2.5.

- A Z-axis scan measures the total SAR value at the x-and y-position of the maximum SAR value found during the cube 7x7x7 scan. The probe is moved away in z-direction from the bottom of the SAM phantom in 2mm steps. This measurement shows the continuity of the liquid and can - depending in the field strength – also show the liquid depth. A z-axis scan of the measurement with maximum SAR value is shown in annex 2.

2.4.7 Spatial Peak SAR Evaluation

The spatial peak SAR - value for 1 and 10 g is evaluated after the Cube measurements have been done. The basis of the evaluation are the SAR values measured at the points of the fine cube grid consisting of 7 x 7 x 7 points. The algorithm that finds the maximal averaged volume is separated into three different stages.

- The data between the dipole center of the probe and the surface of the phantom are extrapolated. This data cannot be measured since the center of the dipole is 2.7 mm away from the tip of the probe and the distance between the surface and the lowest measuring point is about 1 mm (see probe calibration sheet). The extrapolated data from a cube measurement can be visualized by selecting 'Graph Evaluated'.

- The maximum interpolated value is searched with a straight-forward algorithm. Around this maximum the SAR - values averaged over the spatial volumes (1g or 10 g) are computed using the 3d-spline interpolation algorithm. If the volume cannot be evaluated (i.e., if a part of the grid was cut off by the boundary of the measurement area) the evaluation will be started on the corners of the bottom plane of the cube.

- All neighboring volumes are evaluated until no neighboring volume with a higher average value is found.

Extrapolation

The extrapolation is based on a least square algorithm [W. Gander, Computermathematik, p.168-180]. Through the points in the first 3 cm along the z-axis, polynomials of order four are calculated. These polynomials are then used to evaluate the points between the surface and the probe tip. The points, calculated from the surface, have a distance of 1 mm from each other.

Interpolation

The interpolation of the points is done with a 3d-Spline. The 3d-Spline is composed of three one-dimensional splines with the "Not a knot"-condition [W. Gander, Computermathematik, p.141-150] (x, y and z -direction) [Numerical Recipes in C, Second Edition, p.123ff].

Volume Averaging

At First the size of the cube is calculated. Then the volume is integrated with the trapezoidal algorithm. 8000 points (20x20x20) are interpolated to calculate the average.

Advanced Extrapolation

DASY4 uses the advanced extrapolation option which is able to compansate boundary effects on E-field probes.

2.4.8 Data Storage and Evaluation

Data Storage

The DASY4 software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension ".DA4". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated.

The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [mW/g], [mW/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

Data Evaluation by SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters:	- Sensitivity	$Norm_i$, a_{i0}, a_{i1}, a_{i2}
	- Conversion factor	$ConvF_i$
	- Diode compression point	Dcpi
Device parameters:	- Frequency	f
	- Crest factor	cf
Media parameters:	- Conductivity	σ
	- Density	ρ

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY4 components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot cf/dcp_i$$

with V_i = compensated signal of channel i (i = x, y, z)
U_i = input signal of channel i (i = x, y, z)
cf = crest factor of exciting field (DASY parameter)
dcp_i = diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes: $E_i = (V_i / Norm_i \cdot ConvF)^{1/2}$

H-field probes: $H_i = (V_i)^{1/2} \cdot (a_{i0} + a_{i1}f + a_{i2}f^2)/f$

with V_i = compensated signal of channel i (i = x, y, z)
$Norm_i$ = sensor sensitivity of channel i [mV/(V/m)^2] for E-field Probes (i = x, y, z)
ConvF = sensitivity enhancement in solution
a_{ij} = sensor sensitivity factors for H-field probes
f = carrier frequency [GHz]
E_i = electric field strength of channel i in V/m
H_i = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_x^2 + E_Y^2 + E_z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

$$SAR = (E_{tot}^2 \cdot \sigma) / (\rho \cdot 1000)$$

with SAR = local specific absorption rate in mW/g
E_{tot} = total field strength in V/m
σ = conductivity in [mho/m] or [Siemens/m]
ρ = equivalent tissue density in g/cm^3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid.The power flow density is calculated assuming the excitation field to be a free space field.

$P_{pwe} = E_{tot}^2 / 3770$ or $P_{pwe} = H_{tot}^2 \cdot 37.7$

with P_{pwe} = equivalent power density of a plane wave in mW/cm^2
E_{tot} = total electric field strength in V/m
H_{tot} = total magnetic field strength in A/m

2.4.9 Test equipment utilized

This table gives a complete overview of the SAR measurement equipment

Devices used during the test described in chapter 2.5. are marked ☒

	Manufacturer	Device	Type	Serial number	Date of last calibration)*
☒	Schmid & Partner Engineering AG	Dosimetric E-Field Probe	ET3DV6	1558	August 15, 2008
☐	Schmid & Partner Engineering AG	Dosimetric E-Field Probe	ET3DV6	1559	January 14, 2009
☒	Schmid & Partner Engineering AG	900 MHz System Validation Dipole	D900V2	102	August 18, 2008
☐	Schmid & Partner Engineering AG	1800 MHz System Validation Dipole	D1800V2	287	August 19, 2008
☒	Schmid & Partner Engineering AG	1900 MHz System Validation Dipole	D1900V2	531	May 14, 2008
☐	Schmid & Partner Engineering AG	2450 MHz System Validation Dipole	D2450V2	710	August 20, 2008
☒	Schmid & Partner Engineering AG	Data acquisition electronics	DAE3V1	413	January 8, 2009
☐	Schmid & Partner Engineering AG	Data acquisition electronics	DAE3V1	477	May 14, 2008
☒	Schmid & Partner Engineering AG	Software	DASY 4 V4.5	---	N/A
☒	Schmid & Partner Engineering AG	Phantom	SAM	---	N/A
☒	Rohde & Schwarz	Universal Radio Communication Tester	CMU 200	106826	January 15, 2009
☒	Hewlett Packard)*	Network Analyser 300 kHz to 6 GHz	8753C	2937U00269	January 9, 2009
☒	Hewlett Packard)*	Network Analyser 300 kHz to 6 GHz	85047A	2936A00872	January 9, 2009
☒	Hewlett Packard	Dielectric Probe Kit	85070C	US99360146	N/A
☒	Hewlett Packard	Signal Generator	8665A	2833A00112	January 8, 2009
☒	Amplifier Reasearch	Amplifier	25S1G4 (25 Watt)	20452	N/A
☒	Rohde & Schwarz	Power Meter	NRP	101367	January 9, 2009
☒	Rohde & Schwarz	Power Meter Sensor	NRP Z22	100227	January 9, 2009
☒	Rohde & Schwarz	Power Meter Sensor	NRP Z22	100234	January 9, 2009

)* : Network analyzer probe calibration against air, distilled water and a shorting block performed before measuring liquid parameters.

2.4.10 Tissue simulating liquids: dielectric properties

The following materials are used for producing the tissue-equivalent materials.

(liquids used for tests described in chapter 2.5. are marked with ☒) :

Ingredients (% of weight)	**Frequency (MHz)**					
frequency band	☐ 450	☒ 835	☐ 900	☐ 1800	☒ 1900	☐ 2450
Tissue Type	Head	Head	Head	Head	Head	Head
Water	38.56	41.45	40.92	52.64	54.9	62.7
Salt (NaCl)	3.95	1.45	1.48	0.36	0.18	0.5
Sugar	56.32	56.0	56.5	0.0	0.0	0.0
HEC	0.98	1.0	1.0	0.0	0.0	0.0
Bactericide	0.19	0.1	0.1	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	36.8
DGBE	0.0	0.0	0.0	47.0	44.92	0.0

Table 2: Head tissue dielectric properties

Ingredients (% of weight)	**Frequency (MHz)**					
frequency band	☐ 450	☒ 835	☐ 900	☐ 1800	☒ 1900	☐ 2450
Tissue Type	Body	Body	Body	Body	Body	Body
Water	51.16	52.4	56.0	69.91	69.91	73.2
Salt (NaCl)	1.49	1.40	0.76	0.13	0.13	0.04
Sugar	46.78	45.0	41.76	0.0	0.0	0.0
HEC	0.52	1.0	1.21	0.0	0.0	0.0
Bactericide	0.05	0.1	0.27	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0
DGBE	0.0	0.0	0.0	29.96	29.96	26.7

Table 3: Body tissue dielectric properties

Salt: 99+% Pure Sodium Chloride Sugar: 98+% Pure Sucrose
Water: De-ionized, 16MΩ+ resistivity HEC: Hydroxyethyl Cellulose
DGBE: 99+% Di(ethylene glycol) butyl ether, [2-(2-butoxyethoxy)ethanol]
Triton X-100(ultra pure): Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl)phenyl]ether

Note : Due to their availability body tissue simulating liquids as defined by FCC OET Bulletin 65 Supplement C are generally used for body worn SAR testing according to European standards.

2.4.11 Tissue simulating liquids: parameters

Used Target Frequency	Target Head Tissue		Measured Head Tissue		Measured Date
[MHz]	Permittivity	Conductivity [S/m]	Permittivity	Conductivity [S/m]	
835	41.5	0.90	42.4	0.90	2009-03-09
900	41.5	0.97	41.6	0.97	2009-03-09
1900	40.0	1.40	40.4	1.39	2009-03-10

Table 4: Parameter of the head tissue simulating liquid

Used Target Frequency	Target Body Tissue		Measured Body Tissue		Measured Date
[MHz]	Permittivity	Conductivity [S/m]	Permittivity	Conductivity [S/m]	
835	55.2	0.97	54.6	0.97	2009-03-13
900	55.0	1.05	54.0	1.03	2009-03-13
1900	53.3	1.52	53.1	1.48	2009-03-12

Table 5: Parameter of the body tissue simulating liquid

Note: The dielectric properties have been measured using the contact probe method at 22°C.

2.4.12 Measurement uncertainty evaluation for SAR test

The overall combined measurement uncertainty of the measurement system is ± 10,3% (K=1).
The expanded uncertainty (k=2) is assessed to be ± 20.6%
This measurement uncertainty budget is suggested by IEEE P1528 and determined by Schmid & Partner Engineering AG. The breakdown of the individual uncertainties is as follows:

Error Sources	Uncertainty Value	Probability Distribution	Divi-sor	c_i 1g	c_i 10g	Standard Uncertainty 1g	Standard Uncertainty 10g	v_i^2 or v_{eff}
Measurement System								
Probe calibration	± 4.8%	Normal	1	1	1	± 4.8%	± 4.8%	∞
Axial isotropy	± 4.7%	Rectangular	√3	0.7	0.7	± 1.9%	± 1.9%	∞
Hemispherical isotropy	± 9.6%	Rectangular	√3	0.7	0.7	± 3.9%	± 3.9%	∞
Spatial resolution	± 0.0%	Rectangular	√3	1	1	± 0.0%	± 0.0%	∞
Boundary effects	± 1.0%	Rectangular	√3	1	1	± 0.6%	± 0.6%	∞
Probe linearity	± 4.7%	Rectangular	√3	1	1	± 2.7%	± 2.7%	∞
System detection limits	± 1.0%	Rectangular	√3	1	1	± 0.6%	± 0.6%	∞
Readout electronics	± 1.0%	Normal	1	1	1	± 1.0%	± 1.0%	∞
Response time	± 0.8%	Rectangular	√3	1	1	± 0.5%	± 0.5%	∞
Integration time	± 2.6%	Rectangular	√3	1	1	± 1.5%	± 1.5%	∞
RF ambient conditions	± 3.0%	Rectangular	√3	1	1	± 1.7%	± 1.7%	∞
Probe positioner	± 0.4%	Rectangular	√3	1	1	± 0.2%	± 0.2%	∞
Probe positioning	± 2.9%	Rectangular	√3	1	1	± 1.7%	± 1.7%	∞
Max. SAR evaluation	± 1.0%	Rectangular	√3	1	1	± 0.6%	± 0.6%	∞
Test Sample Related								
Device positioning	± 2.9%	Normal	1	1	1	± 2.9%	± 2.9%	145
Device holder uncertainty	± 3.6%	Normal	1	1	1	± 3.6%	± 3.6%	5
Power drift	± 5.0%	Rectangular	√3	1	1	± 2.9%	± 2.9%	∞
Phantom and Set-up								
Phantom uncertainty	± 4.0%	Rectangular	√3	1	1	± 2.3%	± 2.3%	∞
Liquid conductivity (target)	± 5.0%	Rectangular	√3	0.64	0.43	± 1.8%	± 1.2%	∞
Liquid conductivity (meas.)	± 2.5%	Normal	1	0.64	0.43	± 1.6%	± 1.1%	∞
Liquid permittivity (target)	± 5.0%	Rectangular	√3	0.6	0.49	± 1.7%	± 1.4%	∞
Liquid permittivity (meas.)	± 2.5%	Normal	1	0.6	0.49	± 1.5%	± 1.2%	∞
Combined Uncertainty						± 10.3%	± 10.0%	330
Expanded Std. Uncertainty						**± 20.6%**	**± 20.1%**	

Table 6: Measurement uncertainties

2.4.13 Measurement uncertainty evaluation for system validation

The overall combined measurement uncertainty of the measurement system is ± 8.4% (K=1).
The expanded uncertainty (k=2) is assessed to be ± 16.8%
This measurement uncertainty budget is suggested by IEEE P1528 and determined by Schmid & Partner Engineering AG. The breakdown of the individual uncertainties is as follows:

Error Sources	Uncertainty Value	Probability Distribution	Divi-sor	c_i 1g	c_i 10g	Standard Uncertainty 1g	Standard Uncertainty 10g	v_i^2 or v_{eff}
Measurement System								
Probe calibration	± 4.8%	Normal	1	1	1	± 4.8%	± 4.8%	∞
Axial isotropy	± 4.7%	Rectangular	√3	0.7	0.7	± 1.9%	± 1.9%	∞
Hemispherical isotropy	± 0.0%	Rectangular	√3	0.7	0.7	± 0.0%	± 3.9%	∞
Boundary effects	± 1.0%	Rectangular	√3	1	1	± 0.6%	± 0.6%	∞
Probe linearity	± 4.7%	Rectangular	√3	1	1	± 2.7%	± 2.7%	∞
System detection limits	± 1.0%	Rectangular	√3	1	1	± 0.6%	± 0.6%	∞
Readout electronics	± 1.0%	Normal	1	1	1	± 1.0%	± 1.0%	∞
Response time	± 0.0%	Rectangular	√3	1	1	± 0.0%	± 0.0%	∞
Integration time	± 0.0%	Rectangular	√3	1	1	± 0.0%	± 0.0%	∞
RF ambient conditions	± 3.0%	Rectangular	√3	1	1	± 1.7%	± 1.7%	∞
Probe positioner	± 0.4%	Rectangular	√3	1	1	± 0.2%	± 0.2%	∞
Probe positioning	± 2.9%	Rectangular	√3	1	1	± 1.7%	± 1.7%	∞
Max. SAR evaluation	± 1.0%	Rectangular	√3	1	1	± 0.6%	± 0.6%	∞
Test Sample Related								
Dipole axis to liquid distance	± 2.0%	Normal	1	1	1	± 1.2%	± 1.2%	∞
Power drift	± 4.7%	Rectangular	√3	1	1	± 2.7%	± 2.7%	∞
Phantom and Set-up								
Phantom uncertainty	± 4.0%	Rectangular	√3	1	1	± 2.3%	± 2.3%	∞
Liquid conductivity (target)	± 5.0%	Rectangular	√3	0.64	0.43	± 1.8%	± 1.2%	∞
Liquid conductivity (meas.)	± 2.5%	Normal	1	0.64	0.43	± 1.6%	± 1.1%	∞
Liquid permittivity (target)	± 5.0%	Rectangular	√3	0.6	0.49	± 1.7%	± 1.4%	∞
Liquid permittivity (meas.)	± 2.5%	Normal	1	0.6	0.49	± 1.5%	± 1.2%	∞
Combined Uncertainty						**± 8.4%**	**± 8.1%**	
Expanded Std. Uncertainty						**± 16.8%**	**± 16.2%**	

Table 7: Measurement uncertainties

2.4.14 System validation

The system validation is performed for verifying the accuracy of the complete measurement system and performance of the software. The system validation is performed with tissue equivalent material according to IEEE P1528 (described above). The following table shows validation results for all frequency bands and tissue liquids used during the tests of the test item described in chapter 1.5.
(graphic plot(s) see annex 1).

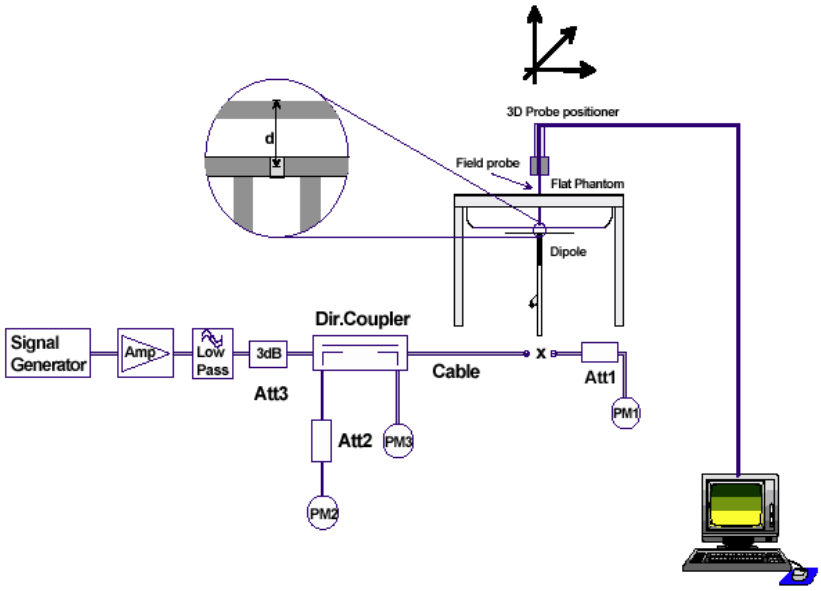
Validation Kit	Frequency	Target Peak SAR (1000 mW) (+/- 10%)	Target SAR_{1g} (1000 mW) (+/- 10%)	Measured Peak SAR (1000 mW)	Measured SAR_{1g} (1000 mW)	Measured date
D900V2 S/N: 102	900 MHz head	15.4 mW/g	10.5 mW/g	15.4 mW/g	10.6 mW/g	2009-03-09
D900V2 S/N: 102	900 MHz body	16.4 mW/g	10.8 mW/g	14.9 mW/g	10.5 mW/g	2009-03-13
D1900V2 S/N: 531	1900 MHz head	71.6 mW/g	37.6 mW/g	72.8 mW/g	39.2 mW/g	2009-03-10
D1900V2 S/N: 531	1900 MHz head	71.6 mW/g	37.6 mW/g	73.4 mW/g	39.2 mW/g	2009-03-11
D1900V2 S/N: 531	1900 MHz body	69.6 mW/g	38.3 mW/g	75.9 mW/g	41.0 mW/g	2009-03-12

Table 8: Results system validation

Note : 900 MHz probe/dipole calibration is valid +/-100 MHz and fully covers the 850 MHz band.

2.4.15 Validation procedure

The validation is performed by using a validation dipole which is positioned parallel to the planar part of the SAM phantom at the reference point. The distance of the dipole to the SAM phantom is determined by a plexiglass spacer. The dipole is connected to the signal source consisting of signal generator and amplifier via a directional coupler, N-connector cable and adaption to SMA. It is fed with a power of 1000 mW. To adjust this power a power meter is used. The power sensor is connected to the cable before the validation to measure the power at this point and do adjustments at the signal generator. At the outputs of the directional coupler both return loss as well as forward power are controlled during the validation to make sure that emitted power at the dipole is kept constant. This can also be checked by the power drift measurement after the test (result on plot).
Validation results have to be equal or near the values determined during dipole calibration (target SAR in table above) with the relevant liquids and test system.



2.5 Test Results

2.5.1 Conducted power measurements

For the measurements a Rohde & Schwarz Radio Communication Tester CMU 200 was used.
The output power was measured using an integrated RF connector and attached RF cable.
The conducted output power was also checked before and after each SAR measurement. The resulting power values were within a 0.2 dB tolerance of the values shown below.

Note : CMU200 measures GSM peak and average output power for active timeslots.
For SAR the timebased average power is relevant. The difference inbetween depends on the duty cycle of the TDMA signal :

No. of timeslots	**1**	**2**	**3**	**4**
Duty Cycle	1 : 8	1: 4	1 : 2.66	1 : 2
timebased avg. power compared to slotted avg. power	- 9 dB	- 6 dB	- 4.25 dB	- 3 dB

The signalling modes differ as follows :

mode	**coding scheme**	**modulation**
GPRS	CS1 to CS4	GMSK
EGPRS (EDGE)	MCS1 to MCS4	GMSK
EGPRS (EDGE)	MCS5 to MCS9	8PSK

Apart from modulation change (GMSK/8PSK) coding schemes differ in code rate without influence on the RF signal. Therefore one coding scheme per mode was selected for conducted power measurements.

2.5.2 Conducted power measurements GSM 850 MHz

Channel / frequency	modulation	timeslots	slotted avg. power	timebased avg. power (calculated)
128 / 824.2 MHz	GMSK	1	32.6dBm	23.6dBm
190 / 836.6 MHz	GMSK	1	32.4dBm	23.4dBm
251 / 848.0 MHz	GMSK	1	32.2dBm	23.2dBm
128 / 824.2 MHz	GMSK	2	29.7dBm	**23.7**dBm
190 / 836.6 MHz	GMSK	2	29.5dBm	**23.5**dBm
251 / 848.0 MHz	GMSK	2	29.3dBm	**23.3**dBm
128 / 824.2 MHz	8PSK	2	26.6dBm	20.6dBm
190 / 836.6 MHz	8PSK	2	26.5dBm	20.5dBm
251 / 848.0 MHz	8PSK	2	26.5dBm	20.5dBm

Table 9: Test results conducted power measurement GSM 850 MHz

2.5.3 Conducted power measurements GSM 1900 MHz

Channel / frequency	modulation	timeslots	slotted avg. power	timebased avg. power (calculated)
512 / 1850.2 MHz	GMSK	1	29.7dBm	20.7dBm
661 / 1880.0 MHz	GMSK	1	29.4dBm	20.4dBm
810 / 1909.8 MHz	GMSK	1	29.4dBm	20.4dBm
512 / 1850.2 MHz	GMSK	2	26.7dBm	**20.7**dBm
661 / 1880.0 MHz	GMSK	2	26.4dBm	**20.4**dBm
810 / 1909.8 MHz	GMSK	2	26.4dBm	**20.4**dBm
512 / 1850.2 MHz	8PSK	2	25.2dBm	19.2dBm
661 / 1880.0 MHz	8PSK	2	25.0dBm	19.0dBm
810 / 1909.8 MHz	8PSK	2	24.3dBm	18.3dBm

Table 10: Test results conducted power measurement GSM 1900 MHz

2.5.4 Justification of SAR measurements in GSM mode

SAR measurements were performed in GPRS mode with 2 active timeslots.
Power measurements above show a reduction of 3 dB compared to a configuration with 1 active timeslot so that timebased average power is kept on the same level.
Therefore an additional delta measurement was performed with 1 timeslot to clarify this circumstance. In EDGE mode no additional delta measurement was performed.

2.5.5 Conducted power measurements WCDMA FDD V (850 MHz)

Max. RMS output power 850 MHz (FDD V) / dBm			
	Channel / frequency		
mode	4132 / 826.4 MHz	4182 / 836.6 MHz	4233 / 846.6 MHz
RMC 12.2 kbit/s	**22.87**	**23.03**	**22.94**
RMC 64 kbit/s	22.91	23.02	22.92
RMC 144 kbit/s	22.86	23.05	22.96
RMC 384 kbit/s	22.90	23.06	22.93
AMR 4,75 kbit/s	22.88	22.99	22.90
AMR 5,15 kbit/s	22.87	23.02	22.91
AMR 5,9 kbit/s	22.90	23.05	22.93
AMR 6,7 kbit/s	22.92	23.03	22.95
AMR7,4 kbit/s	22.87	23.07	22.94
AMR 7,95 kbit/s	22.85	23.06	22.92
AMR 10,2 kbit/s	22.90	23.08	22.91
AMR 12,2 kbit/s	22.88	23.09	22.94
HSDPA Sub test 1	**22.82**	**23.01**	**22.91**
HSDPA Sub test 2	21.12	21.20	21.32
HSDPA Sub test 3	20.91	21.06	20.76
HSDPA Sub test 4	21.09	21.15	20.69

Table 11: Test results conducted power measurement WCDMA 850

2.5.6 Conducted power measurements WCDMA FDD II (1900 MHz)

Max. RMS output power 1900 MHz (FDD II) / dBm			
	Channel / frequency		
mode	9262 / 1852.4 MHz	9400 / 1880.0 MHz	9538 / 1907.6 MHz
RMC 12.2 kbit/s	**22.42**	**22.49**	**22.52**
RMC 64 kbit/s	22.47	22.52	22.59
RMC 144 kbit/s	22.49	22.57	22.54
RMC 384 kbit/s	22.48	22.55	22.53
AMR 4,75 kbit/s	22.46	22.54	22.51
AMR 5,15 kbit/s	22.49	22.55	22.53
AMR 5,9 kbit/s	22.50	22.52	22.54
AMR 6,7 kbit/s	22.52	22.53	22.59
AMR7,4 kbit/s	22.53	22.58	22.57
AMR 7,95 kbit/s	22.51	22.55	22.61
AMR 10,2 kbit/s	22.49	22.56	22.59
AMR 12,2 kbit/s	22.52	22.60	22.58
HSDPA Sub test 1	**22.46**	**22.50**	**22.63**
HSDPA Sub test 2	21.23	21.39	21.54
HSDPA Sub test 3	20.37	20.56	20.53
HSDPA Sub test 4	20.55	20.47	20.49

Table 12: Test results conducted power measurement WCDMA 1900

Remark : None of the HSDPA settings leads to conducted power values exceeding the conducted power in RMC mode by more than 0.25 dB.
Therefore no additional SAR measurements were performed in HSDPA mode.

2.5.7 Test-set-up information for WCDMA / HSPDA / HSUPA

a) RMC

In RMC (reference measurement channel) mode the conducted power at 4 different bit rates was measured. They correspond with the used spreading factors as follows :

Bit rate	12.2 kbit/s	64 kbit/s	144 kbit/s	384 kbit/s
Spreading factor (SF)	64	16	8	4

In RMC mode only DPCCH and DPDCH are active. As bit rate changes do not influence the relative power of any code channel the measured RMS output power remains on the same level which is set to maximum by TPC (Transmit power control) pattern type 'All 1'.

b) HSDPA

HSDPA adds the HS-DPCCH in uplink as a control channel for high speed data transfer in downlink.
In HSDPA mode 4 sub-tests are defined by 3GPP 34.121 according to the following table:

Sub-test	β_c	β_d	β_d (SF)	β_c/β_d	β_{hs} (1)	CM(dB) (2)
1	2/15	15/15	64	2/15	4/15	0.0
2	12/15 (3)	15/15 (3)	64	12/15 (3)	24/15	1.0
3	15/15	8/15	64	15/8	30/15	1.5
4	15/15	4/15	64	15/4	30/15	1.5
Note 1: Δ_{ACK}, Δ_{NACK}, Δ_{CQI} = 8 $\Leftrightarrow$ $A_{hs} = \beta_{hs}/\beta_c$ = 30/15 $\Leftrightarrow$ β_{hs} = 30/15 * β_c Note 2 : CM = 1 for β_c/β_d = 12/15, β_{hs}/β_c = 24/15 Note 3 : For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1,TF1) to β_c = 11/15 and β_d = 15/15						

Table 13: Sub-tests for UMTS Release 5 HSDPA

The β_c and β_d gain factors for DPCCH and DPDCH were set according to the values in the above table, β_{hs} for HS-DPCCH is set automatically to the correct value when Δ_{ACK}, Δ_{NACK}, Δ_{CQI} = 8. The variation of the β_c/β_d ratio causes a power reduction at sub-tests 2 - 4.

The measurements were performed with a Fixed Reference Channel(FRC) and H-Set 1 QPSK.

Parameter	**Value**
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI's
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

Table 14: settings of required H-Set 1 QPSK acc. to 3GPP 34.121

2.5.8 Multiple Transmitter Information

The DUT incorporates a Bluetooth module with 3.5 mW output power with a distance of 12.5 mm between GSM and BT antenna. At issue date of this test report no additional standalone or simultaneous transmit measurements together with the GSM/WCDMA transmitter were regarded as necessary by the FCC because BT output power remains below 12 mW.

2.6 Test results (Head and Body SAR)

The table contains the measured SAR values averaged over a mass of 1 g					
Channel / frequency	Position	Left hand position	Right hand position	Limit	Liquid temperature
128 / 824.2 MHz	cheek	0.510 W/kg	0.914 W/kg	1.6 W/kg	21.6/21.4 °C
190 / 836.6 MHz	cheek	0.580 W/kg	**0.991 W/kg**	1.6 W/kg	21.6/21.4 °C
251 / 848.8 MHz	cheek	0.565 W/kg	0.925 W/kg	1.6 W/kg	21.6/21.4 °C
128 / 824.2 MHz	tilted 15°	0.272 W/kg	0.257 W/kg	1.6 W/kg	21.5/21.5 °C
190 / 836.6 MHz	tilted 15°	0.345 W/kg	0.326 W/kg	1.6 W/kg	21.5/21.5 °C
251 / 848.8 MHz	tilted 15°	0.342 W/kg	0.318 W/kg	1.6 W/kg	21.5/21.5 °C

Table 15: Test results (Head SAR PCS 850 MHz)

The table contains the measured SAR values averaged over a mass of 1 g				
Channel / frequency	Position	Body worn	Limit	Liquid temperature
128 / 824.2 MHz	front	0.330 W/kg	1.6 W/kg	21.8 °C
190 / 836.6 MHz	front	0.208 W/kg	1.6 W/kg	21.8 °C
251 / 848.8 MHz	front	0.170 W/kg	1.6 W/kg	21.8 °C
128 / 824.2 MHz	rear	**0.640 W/kg**	1.6 W/kg	21.7 °C
190 / 836.6 MHz	rear	0.500 W/kg	1.6 W/kg	21.7 °C
251 / 848.8 MHz	rear	0.398 W/kg	1.6 W/kg	21.7 °C
128 / 824.2 MHz	rear 1TS	0.591 W/kg	1.6 W/kg	21.7 °C

Table 16: Test results (Body SAR PCS 850 MHz)

Note: The SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit (< 0.8 W/kg), testing at the high and low channels is optional.
Tests in body position were performed with 15 mm air gap between DUT and SAM to simulate the use of a non-metallic belt-clip or holster.
The addition body test was performed at worst case with 1 time slot in uplink in accordance with Sony Ericsson.

The table contains the measured SAR values averaged over a mass of 1 g					
Channel / frequency	Position	Left hand position	Right hand position	Limit	Liquid temperature
512 / 1850.2 MHz	cheek	0.538 W/kg	0.461 W/kg	1.6 W/kg	21.2/21.2 °C
661 / 1880.0 MHz	cheek	**0.540 W/kg**	0.445 W/kg	1.6 W/kg	21.2/21.2 °C
810 / 1909.8 MHz	cheek	0.427 W/kg	0.365 W/kg	1.6 W/kg	21.2/21.2 °C
512 / 1850.2 MHz	tilted 15°	0.072 W/kg	0.094 W/kg	1.6 W/kg	21.3/21.2 °C
661 / 1880.0 MHz	tilted 15°	0.067 W/kg	0.084 W/kg	1.6 W/kg	21.3/21.2 °C
810 / 1909.8 MHz	tilted 15°	0.048 W/kg	0.060 W/kg	1.6 W/kg	21.3/21.2 °C

Table 17: Test results (Head SAR PCS 1900 MHz)

The table contains the measured SAR values averaged over a mass of 1 g				
Channel / frequency	Position	Body worn	Limit	Liquid temperature
512 / 1850.2 MHz	front	0.142 W/kg	1.6 W/kg	21.5 °C
661 / 1880.0 MHz	front	0.133 W/kg	1.6 W/kg	21.5 °C
810 / 1909.8 MHz	front	0.121 W/kg	1.6 W/kg	21.5 °C
512 / 1850.2 MHz	rear	0.381 W/kg	1.6 W/kg	21.4 °C
661 / 1880.0 MHz	rear	0.353 W/kg	1.6 W/kg	21.4 °C
810 / 1909.8 MHz	rear	0.365 W/kg	1.6 W/kg	21.4 °C
512 / 1850.2 MHz	rear 1TS	**0.418 W/kg**	1.6 W/kg	21.4 °C

Table 18: Test results (Body SAR PCS 1900 MHz)

Note: The SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit (< 0.8 W/kg), testing at the high and low channels is optional.
Tests in body position were performed with 15 mm air gap between DUT and SAM to simulate the use of a non-metallic belt-clip or holster.
The addition body test was performed at worst case with 1 time slot in uplink in accordance with Sony Ericsson.

The table contains the measured SAR values averaged over a mass of 1 g					
Channel / frequency	Position	Left hand position	Right hand position	Limit	Liquid temperature
4133 / 824.2 MHz	cheek	0.382 W/kg	0.665 W/kg	1.6 W/kg	21.4/21.4 °C
4182 / 836.6 MHz	cheek	0.423 W/kg	0.738 W/kg	1.6 W/kg	21.4/21.4 °C
4233 / 848.8 MHz	cheek	0.484 W/kg	**0.833 W/kg**	1.6 W/kg	21.4/21.4 °C
4133 / 824.2 MHz	tilted 15°	0.190 W/kg	0.187 W/kg	1.6 W/kg	21.3/21.4 °C
4182 / 836.6 MHz	tilted 15°	0.225 W/kg	0.219 W/kg	1.6 W/kg	21.3/21.4 °C
4233 / 848.8 MHz	tilted 15°	0.282 W/kg	0.250 W/kg	1.6 W/kg	21.3/21.4 °C

Table 19: Test results (Head SAR WCDMA FDD V 850 MHz)

The table contains the measured SAR values averaged over a mass of 1 g				
Channel / frequency	Position	Body worn	Limit	Liquid temperature
4133 / 824.2 MHz	front	0.328 W/kg	1.6 W/kg	21.6 °C
4182 / 836.6 MHz	front	0.295 W/kg	1.6 W/kg	21.6 °C
4233 / 848.8 MHz	front	0.310 W/kg	1.6 W/kg	21.6 °C
4133 / 824.2 MHz	rear	**0.634 W/kg**	1.6 W/kg	21.6 °C
4182 / 836.6 MHz	rear	0.558 W/kg	1.6 W/kg	21.6 °C
4233 / 848.8 MHz	rear	0.570 W/kg	1.6 W/kg	21.6 °C

Table 20: Test results (Body SAR WCDMA FDD V 850 MHz)

Note: The SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit (< 0.8 W/kg), testing at the high and low channels is optional.
Tests in body position were performed with 15 mm air gap between DUT and SAM to simulate the use of a non-metallic belt-clip or holster.

The table contains the measured SAR values averaged over a mass of 1 g					
Channel / frequency	Position	Left hand position	Right hand position	Limit	Liquid temperature
9262 / 1850.2 MHz	cheek	**0.769 W/kg**	0.699 W/kg	1.6 W/kg	21.6/21.3 °C
9400 / 1880.0 MHz	cheek	0.720 W/kg	0.634 W/kg	1.6 W/kg	21.6/21.3 °C
9538 / 1909.8 MHz	cheek	0.730 W/kg	0.613 W/kg	1.6 W/kg	21.6/21.3 °C
9262 / 1850.2 MHz	tilted 15°	0.107 W/kg	0.139 W/kg	1.6 W/kg	21.5/21.4 °C
9400 / 1880.0 MHz	tilted 15°	0.097 W/kg	0.118 W/kg	1.6 W/kg	21.5/21.4 °C
9538 / 1909.8 MHz	tilted 15°	0.084 W/kg	0.101 W/kg	1.6 W/kg	21.5/21.4 °C

Table 21: Test results (Head SAR WCDMA FDD II 1850 MHz)

The table contains the measured SAR values averaged over a mass of 1 g				
Channel / frequency	Position	Body worn	Limit	Liquid temperature
9262 / 1850.2 MHz	front	0.207 W/kg	1.6 W/kg	21.1 °C
9400 / 1880.0 MHz	front	0.209 W/kg	1.6 W/kg	21.1 °C
9538 / 1909.8 MHz	front	0.178 W/kg	1.6 W/kg	21.1 °C
9262 / 1850.2 MHz	rear	**0.626 W/kg**	1.6 W/kg	21.1 °C
9400 / 1880.0 MHz	rear	0.562 W/kg	1.6 W/kg	21.1 °C
9538 / 1909.8 MHz	rear	0.617 W/kg	1.6 W/kg	21.1 °C

Table 22: Test results (Body SAR WCDMA FDD II 1850 MHz)

Note: The SAR test shall be performed at the high, middle and low frequency channels of each operating mode. If the SAR measured at mid-band channel for each test configuration is at least 3.0 dB lower than the SAR limit (< 0.8 W/kg), testing at the high and low channels is optional.
Tests in body position were performed with 15 mm air gap between DUT and SAM to simulate the use of a non-metallic belt-clip or holster.

2.6.1 General description of test procedures

The DUT is tested using a CMU 200 communications tester as controller unit to set test channels and maximum output power to the DUT, as well as for measuring the conducted peak power.
Test positions as described in the tables above are in accordance with the specified test standard.
Tests in body position are performed with the maximum number of timeslots in uplink.
Tests in head position are performed in voice mode with 1 timeslot unless GPRS/EGPRS function allows parallel voice and data traffic on 2 or more timeslots (see chapter 1.5 for details).
Conducted output power was measured using an integrated RF connector and attached RF cable.

Annex 1 System performance verification

Date/Time: 2009-03-09 09:18:08Date/Time: 2009-03-09 09:21:45

SystemPerformanceCheck-D900-850 head 2009-03-09

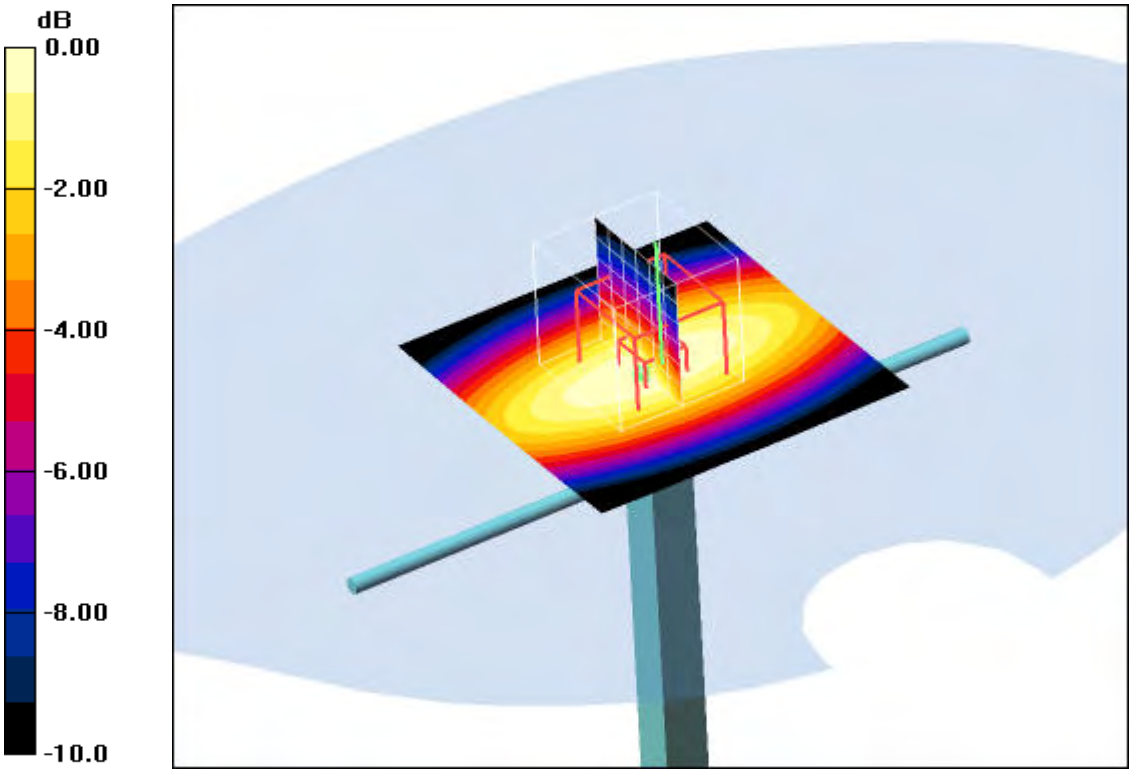
DUT: Dipole 900 MHz; Type: D900V2; Serial: 102
Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used: f = 900 MHz; σ = 0.97 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.99, 5.99, 5.99); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=15mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.3 mW/g

d=15mm, Pin=1000mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.5 V/m; Power Drift = -0.083 dB
Peak SAR (extrapolated) = 15.4 W/kg
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 6.89 mW/g
Maximum value of SAR (measured) = 11.5 mW/g



0 dB = 11.5mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.5°C; liquid temperature: 21.6°C

Date/Time: 2009-03-13 10:24:49Date/Time: 2009-03-13 10:28:25

SystemPerformanceCheck-D900-850 body 2009-03-13

DUT: Dipole 900 MHz; Type: D900V2; Serial: 102

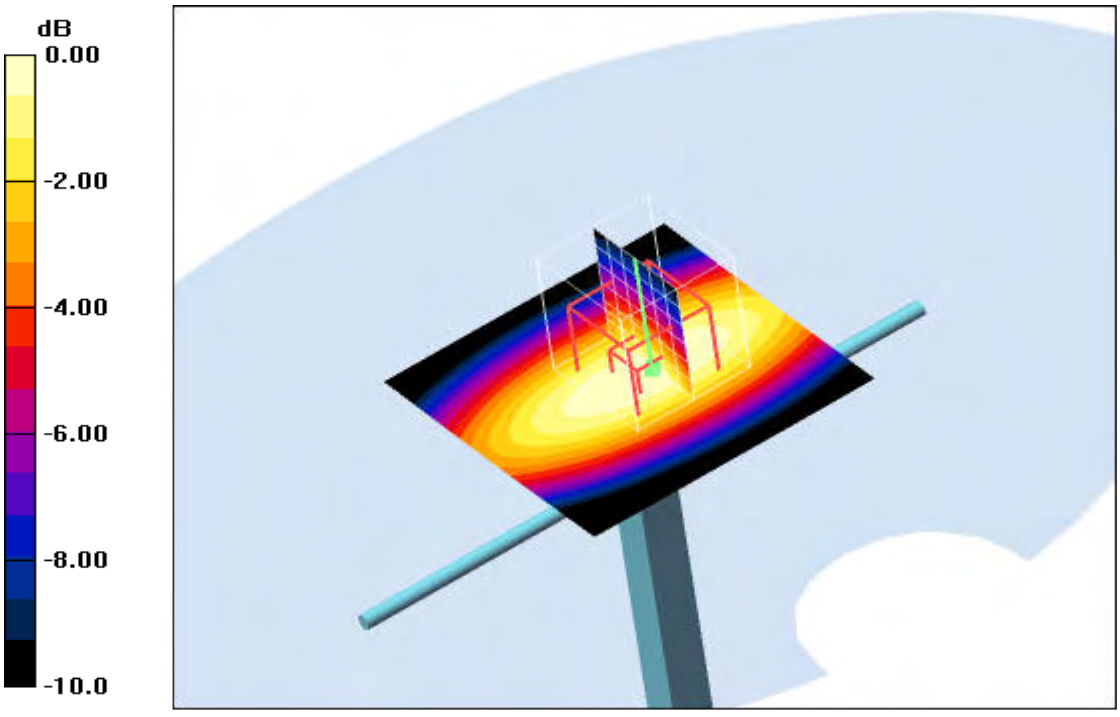
Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used: f = 900 MHz; σ = 1.03 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.8, 5.8, 5.8); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=15mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 11.5 mW/g

d=15mm, Pin=1000mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 110.3 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 14.9 W/kg
SAR(1 g) = 10.5 mW/g; SAR(10 g) = 6.92 mW/g
Maximum value of SAR (measured) = 11.4 mW/g



0 dB = 11.4mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.6°C

Date/Time: 2009-03-10 09:46:27Date/Time: 2009-03-10 09:50:06

SystemPerformanceCheck-D1900 head 2009-03-10

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:531

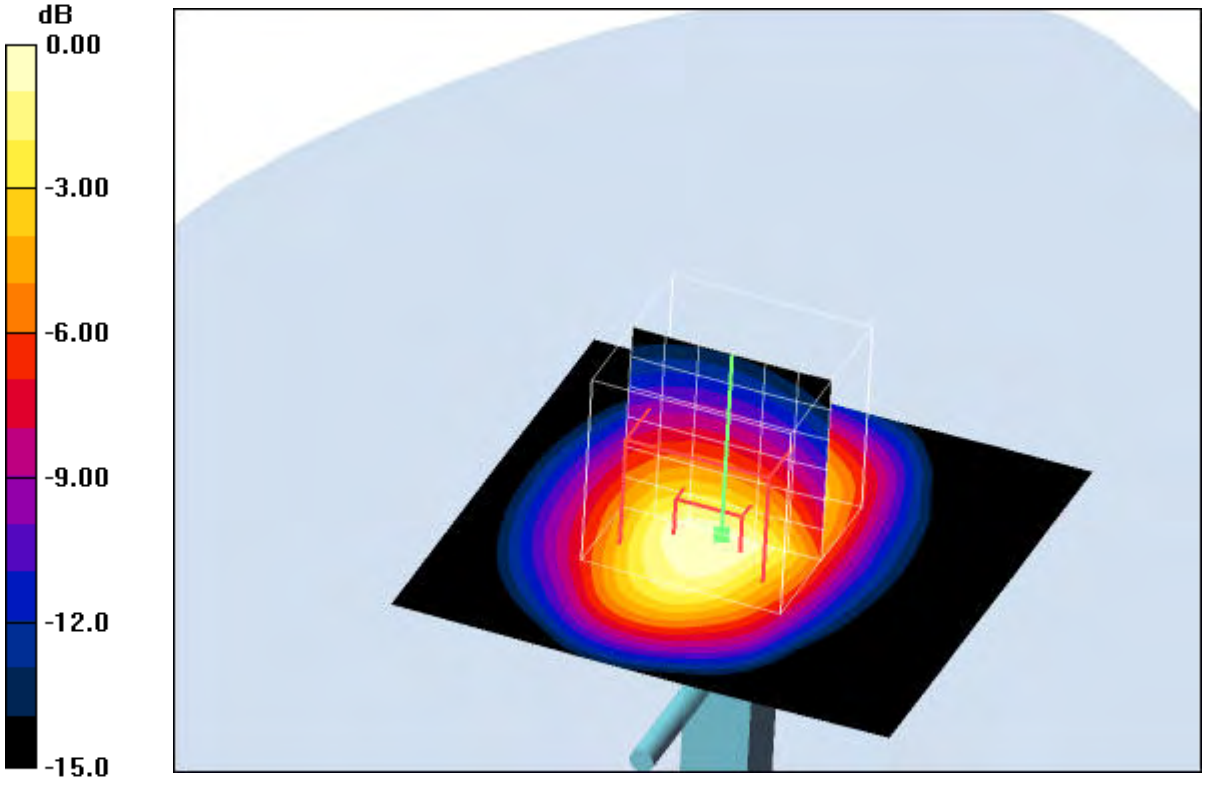
Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used (interpolated): f = 1900 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 49.9 mW/g

d=10mm, Pin=1000mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 177.9 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 72.8 W/kg
SAR(1 g) = 39.2 mW/g; SAR(10 g) = 20.4 mW/g
Maximum value of SAR (measured) = 43.4 mW/g



0 dB = 43.4mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.8°C; liquid temperature: 21.2°C

Date/Time: 2009-03-11 09:28:17Date/Time: 2009-03-11 09:31:54

SystemPerformanceCheck-D1900 head 2009-03-11

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:531

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

Medium: HSL1900 Medium parameters used (interpolated): f = 1900 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 53.0 mW/g

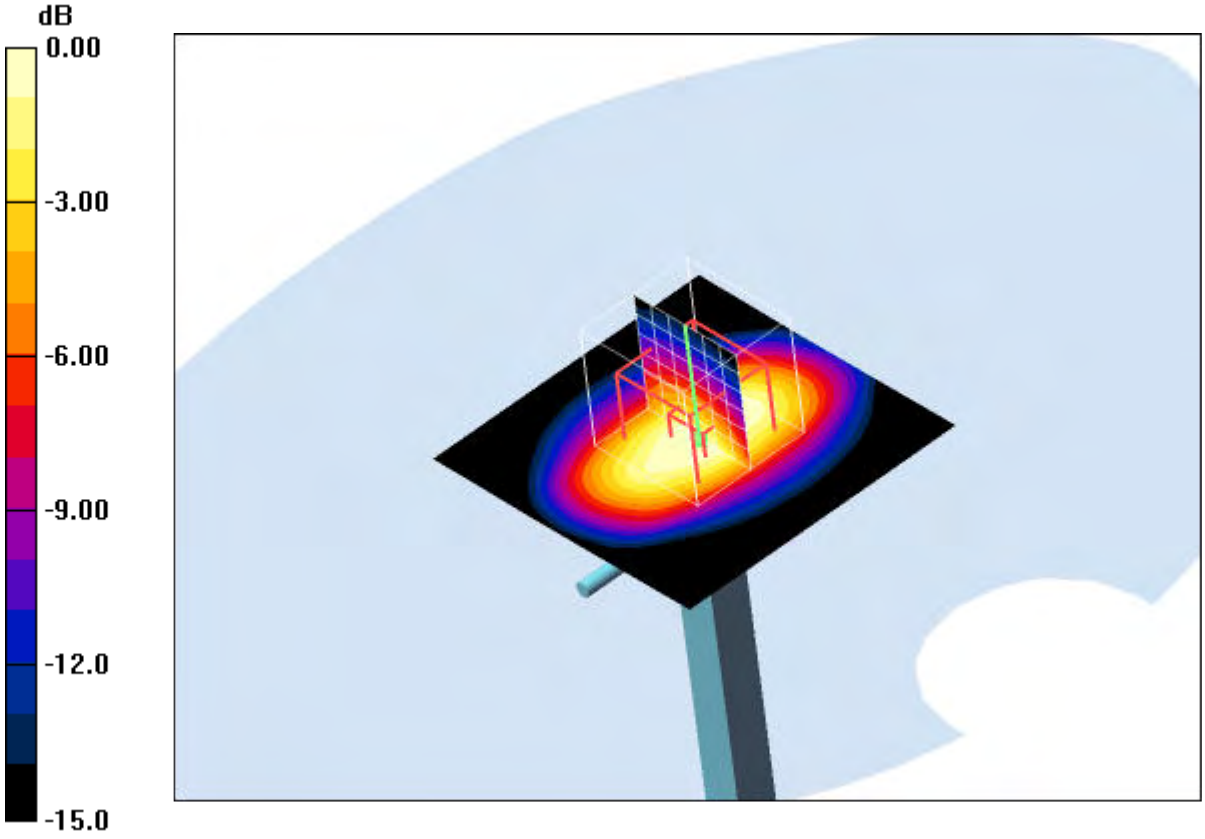
d=10mm, Pin=1000mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 185.9 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 73.4 W/kg

SAR(1 g) = 39.2 mW/g; SAR(10 g) = 20.4 mW/g

Maximum value of SAR (measured) = 44.2 mW/g



0 dB = 44.2mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.1°C; liquid temperature: 21.6°C

Date/Time: 2009-03-12 09:14:00Date/Time: 2009-03-12 09:17:37

SystemPerformanceCheck-D1900 body 2009-03-12

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:531

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

Medium: M1900 Medium parameters used (interpolated): f = 1900 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=1000mW/Area Scan (51x51x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 56.3 mW/g

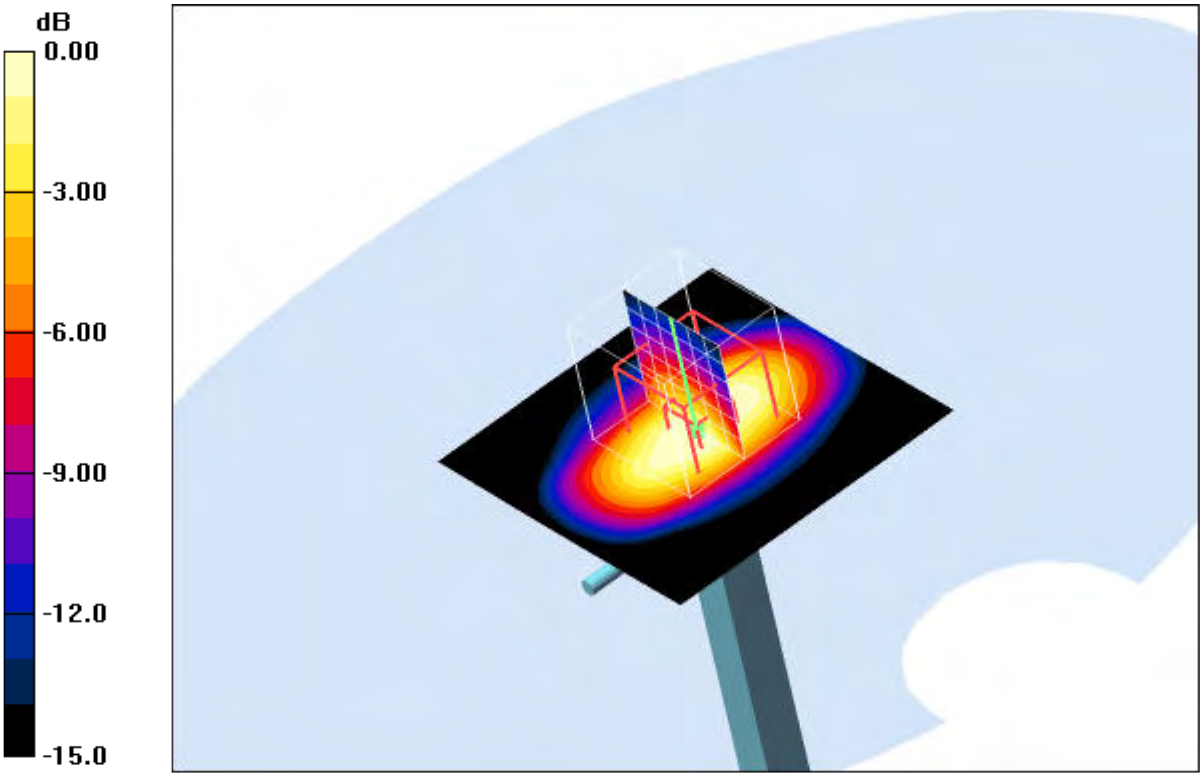
d=10mm, Pin=1000mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 183.8 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 75.9 W/kg

SAR(1 g) = 41 mW/g; SAR(10 g) = 21.6 mW/g

Maximum value of SAR (measured) = 46.0 mW/g



0 dB = 46.0mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.5°C

Annex 2 Measurement results (printout from DASY TM)

Remark: results of conducted power measurements: see chapter 2.5/2.6 (if applicable)

Annex 2.1 PCS 850 MHz head

Date/Time: 2009-03-09 09:44:12Date/Time: 2009-03-09 09:51:05

P1528_OET65-LeftHandSide-GSM850

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium: HSL850 Medium parameters used: f = 824.2 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.543 mW/g

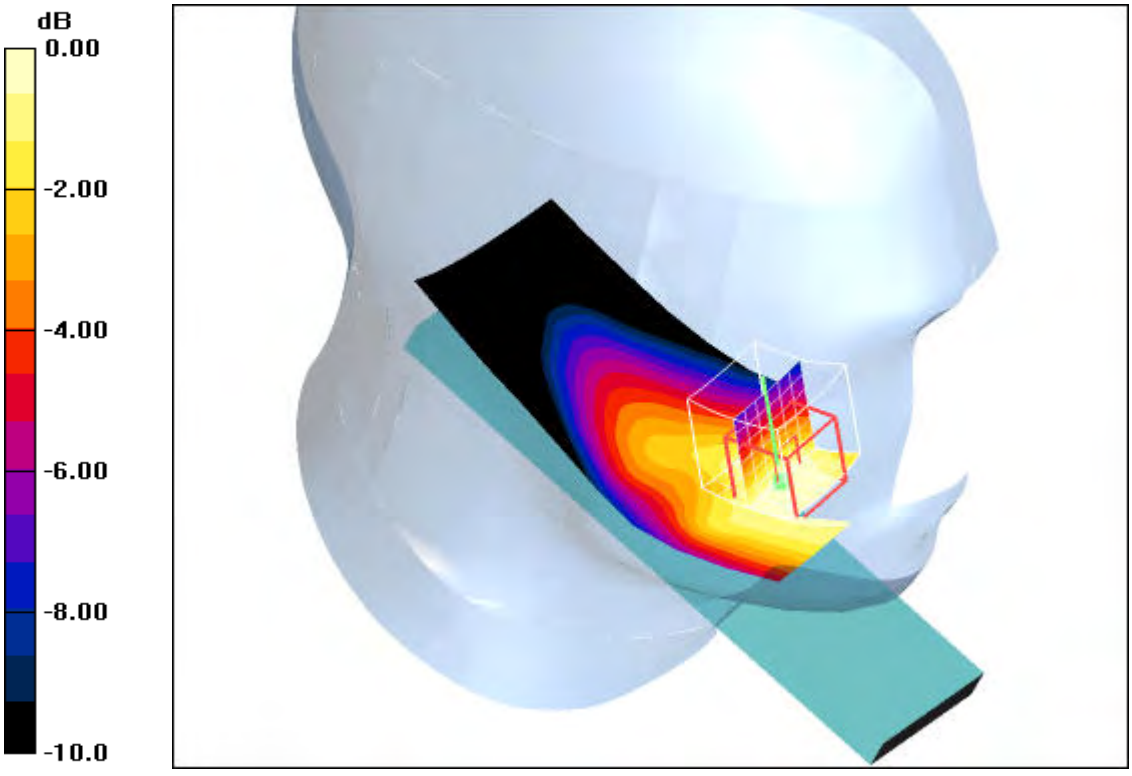
Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.1 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.818 W/kg

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.525mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 21.8°C; liquid temperature: 21.6°C

Date/Time: 2009-03-09 10:07:51Date/Time: 2009-03-09 10:14:44

P1528_OET65-LeftHandSide-GSM850

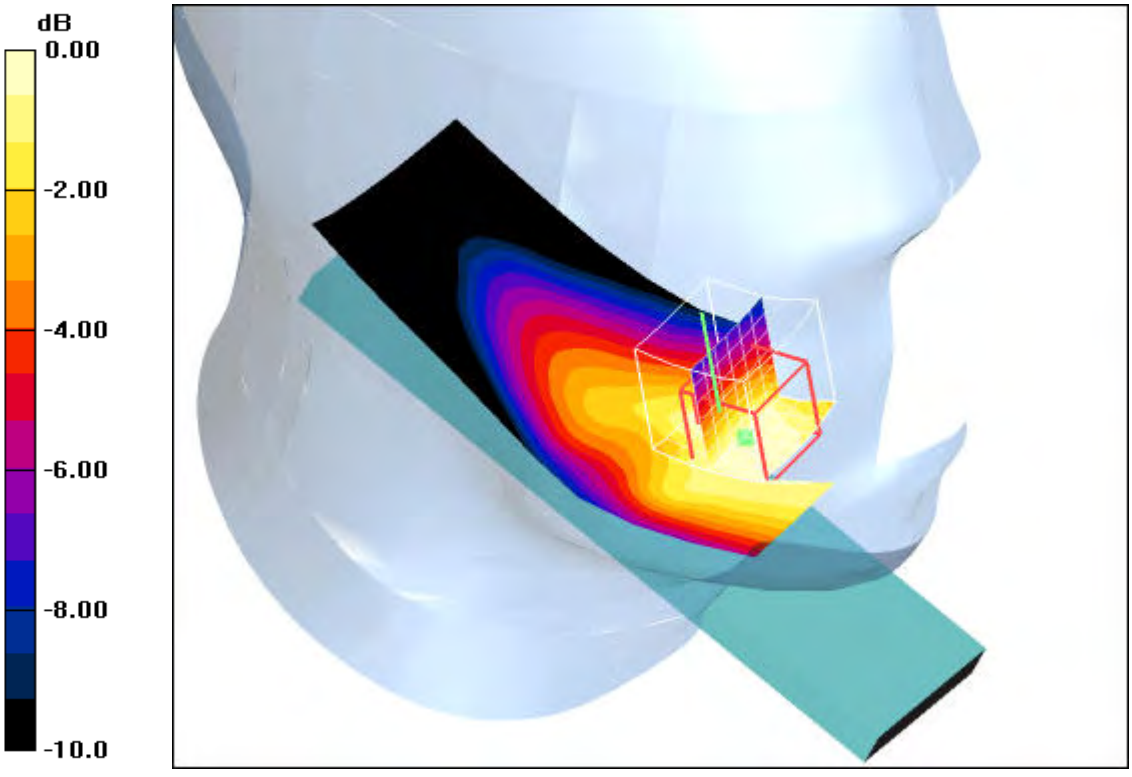
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.601 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.6 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.593 mW/g



0 dB = 0.593mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.9°C; liquid temperature: 21.6°C

Date/Time: 2009-03-09 10:31:01Date/Time: 2009-03-09 10:38:00

P1528_OET65-LeftHandSide-GSM850

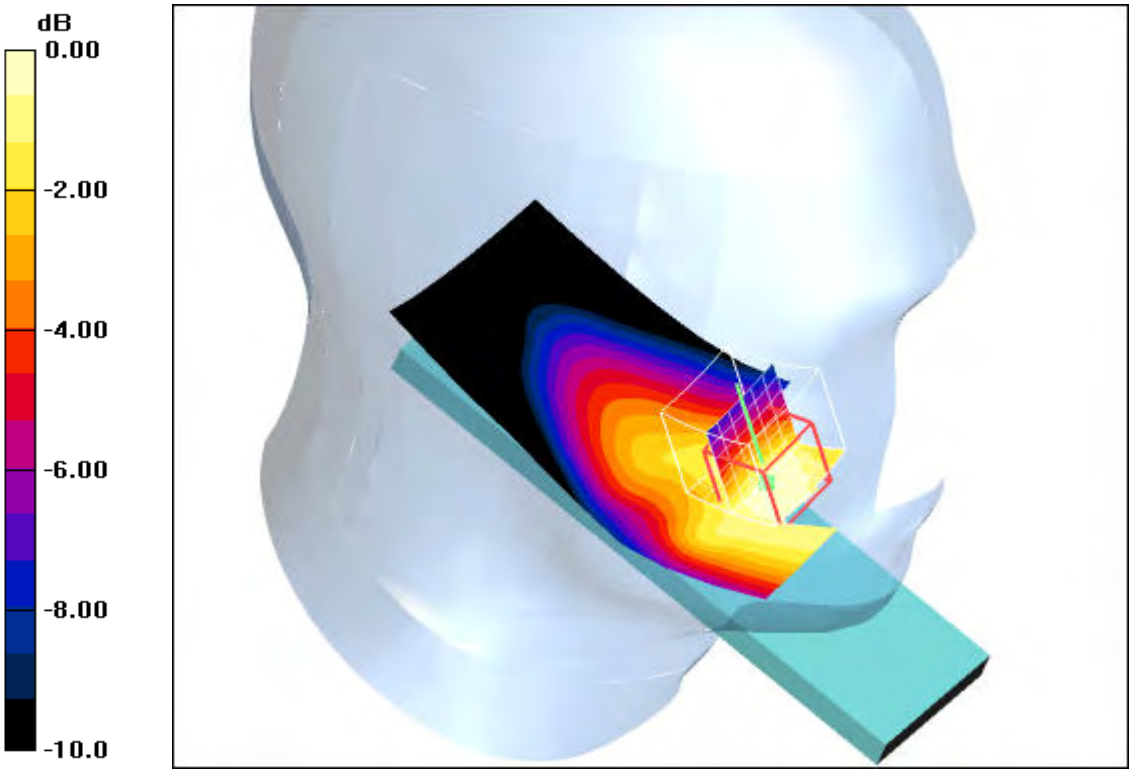
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 848.8 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 848.8 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.580 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.575 mW/g



0 dB = 0.575mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.9°C; liquid temperature: 21.6°C

Date/Time: 2009-03-09 11:36:27Date/Time: 2009-03-09 11:43:12

P1528_OET65-LeftHandSide-GSM850

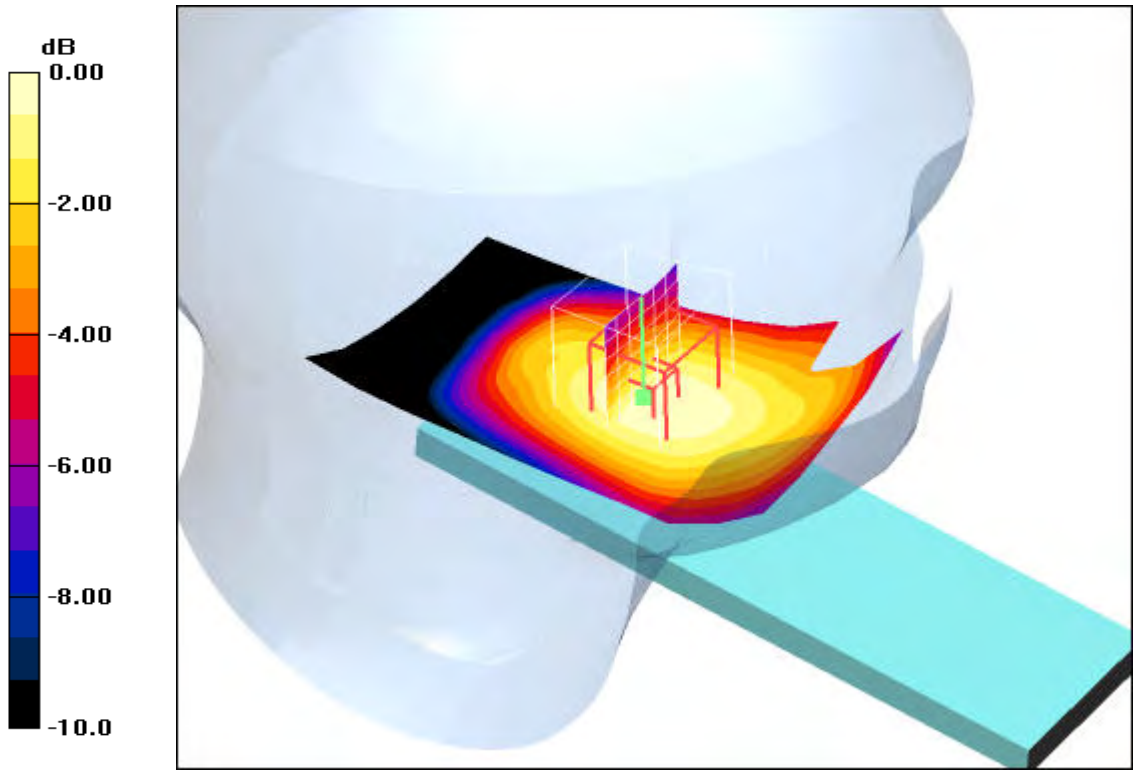
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 824.2 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 824.2 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.282 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.336 W/kg
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.285 mW/g



0 dB = 0.285mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.0°C; liquid temperature: 21.5°C

Date/Time: 2009-03-09 11:15:29Date/Time: 2009-03-09 11:22:12

P1528_OET65-LeftHandSide-GSM850

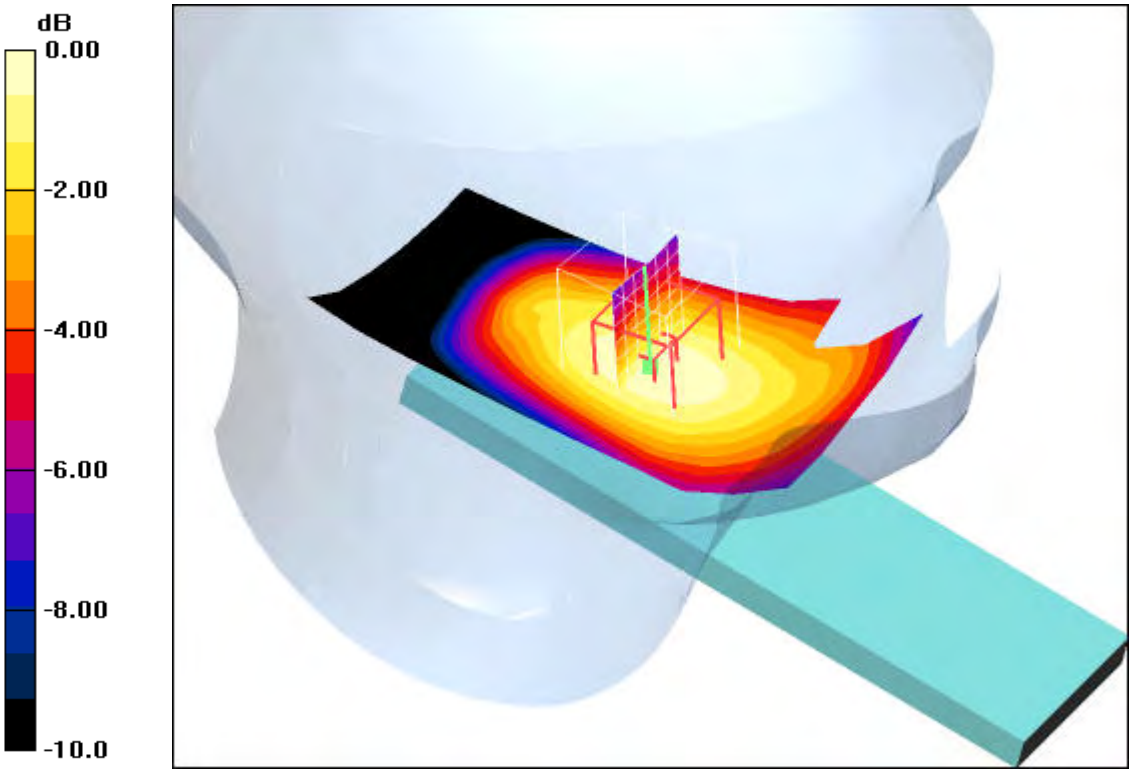
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.362 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.432 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.365 mW/g



0 dB = 0.365mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.0°C; liquid temperature: 21.5°C

Date/Time: 2009-03-09 10:54:42Date/Time: 2009-03-09 11:01:25

P1528_OET65-LeftHandSide-GSM850

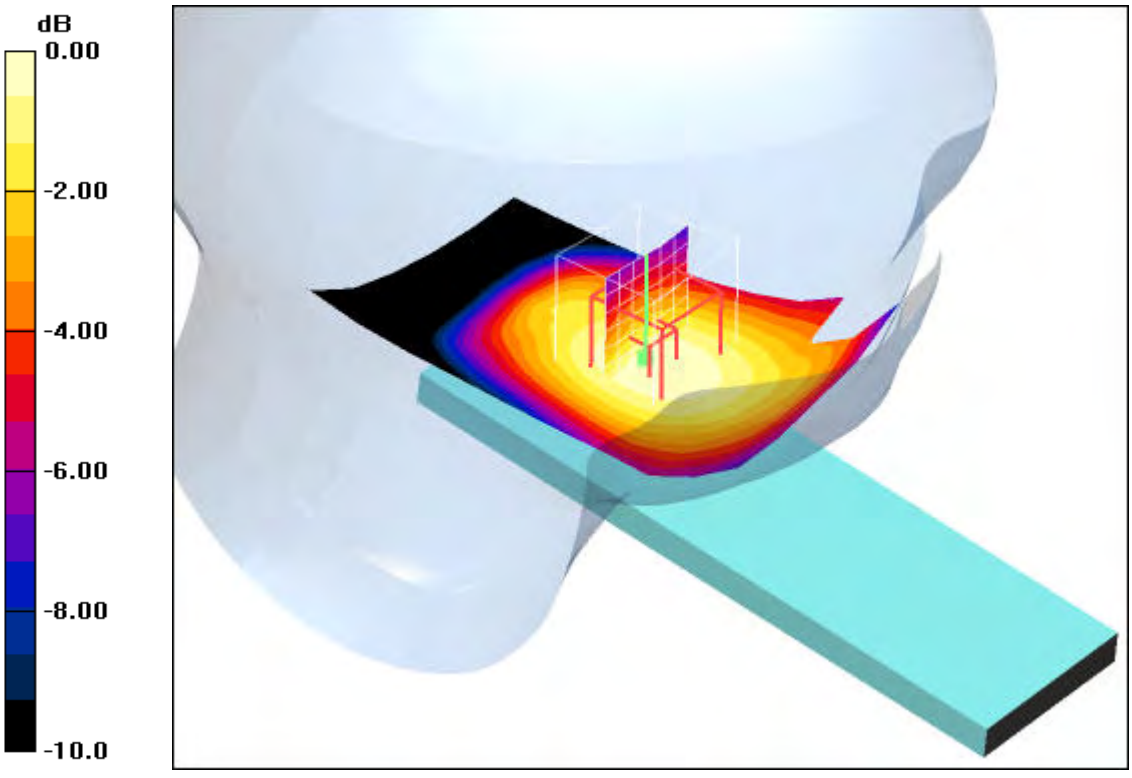
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 848.8 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 848.8 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.359 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.357mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.0°C; liquid temperature: 21.5°C

Date/Time: 2009-03-09 13:56:22Date/Time: 2009-03-09 14:04:06

P1528_OET65-RightHandSide-GSM850

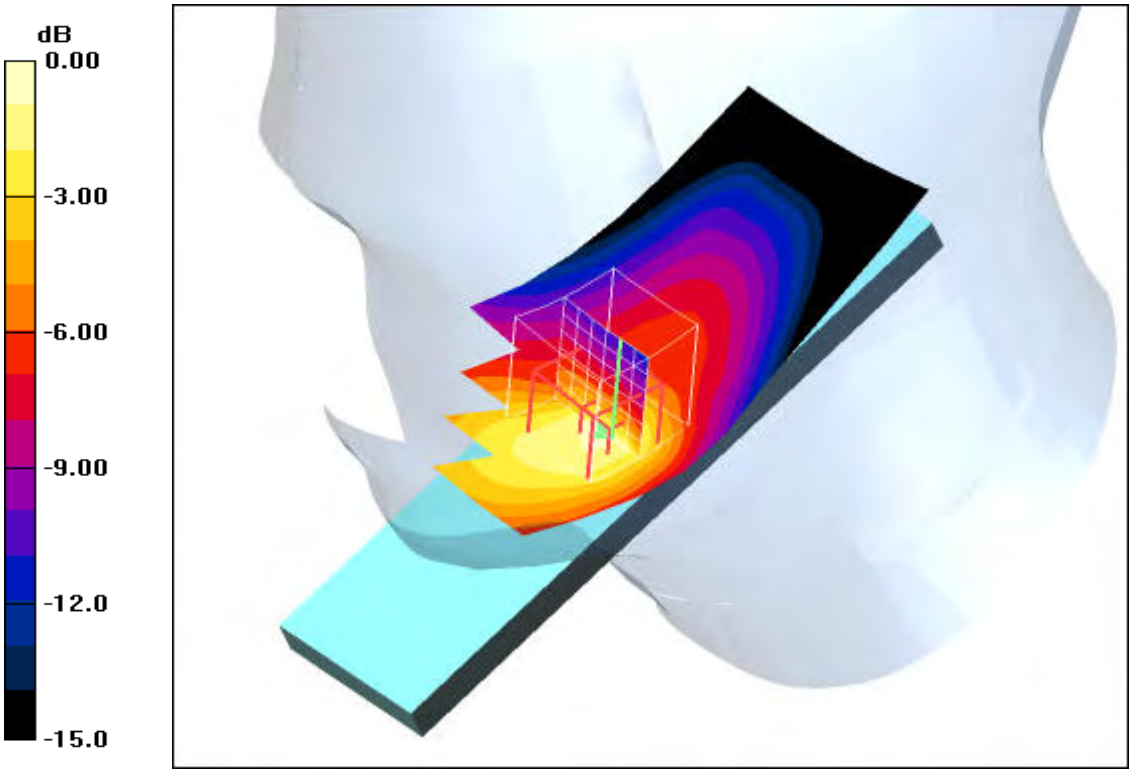
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 824.2 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 824.2 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.826 mW/g

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.468 mW/g
Maximum value of SAR (measured) = 0.961 mW/g



0 dB = 0.961mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.3°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 13:24:47Date/Time: 2009-03-09 13:31:14

P1528_OET65-RightHandSide-GSM850

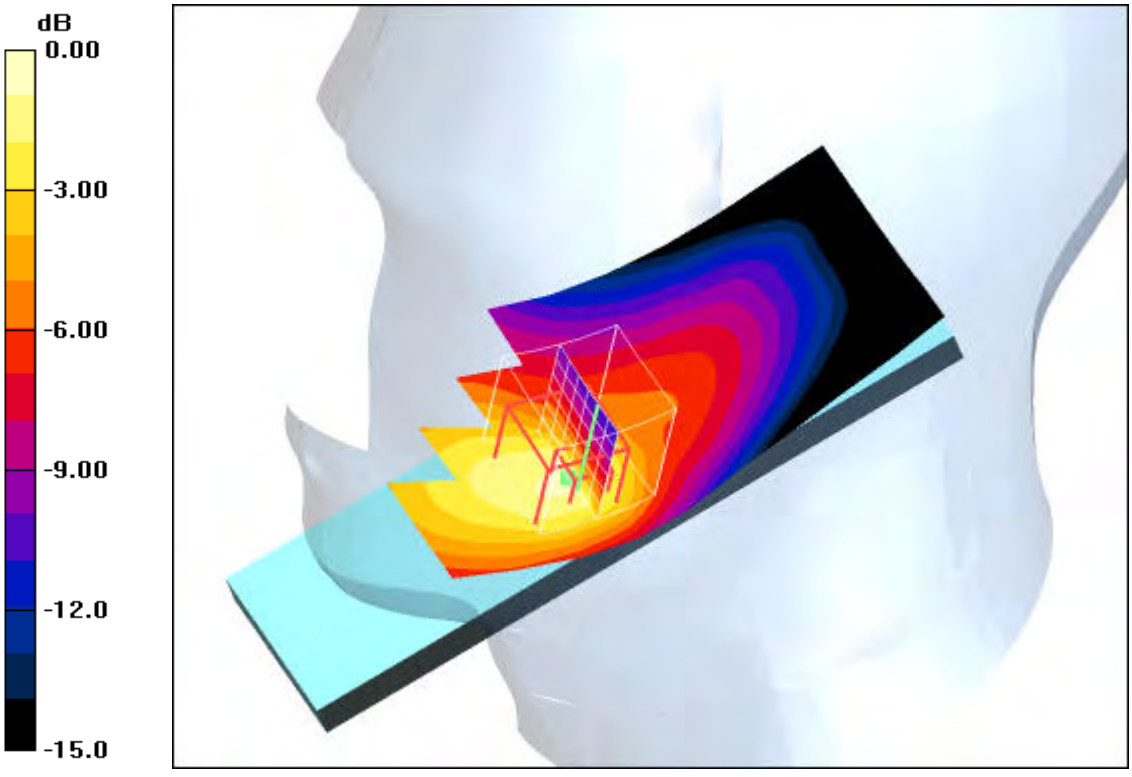
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.883 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.7 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 3.24 W/kg
SAR(1 g) = 0.991 mW/g; SAR(10 g) = 0.514 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.3°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 13:02:56Date/Time: 2009-03-09 13:09:22

P1528_OET65-RightHandSide-GSM850

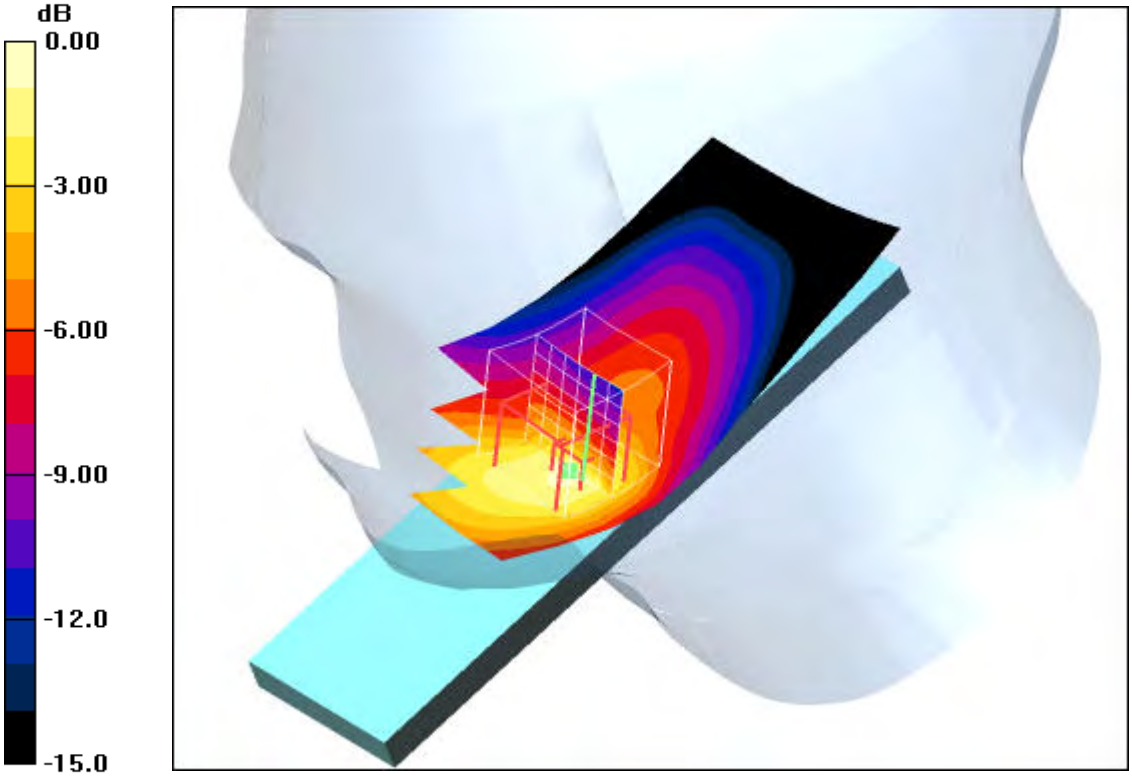
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 848.8 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 848.8 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.848 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.84 W/kg
SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.983 mW/g



0 dB = 0.983mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.3°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 12:00:51Date/Time: 2009-03-09 12:07:22

P1528_OET65-RightHandSide-GSM850

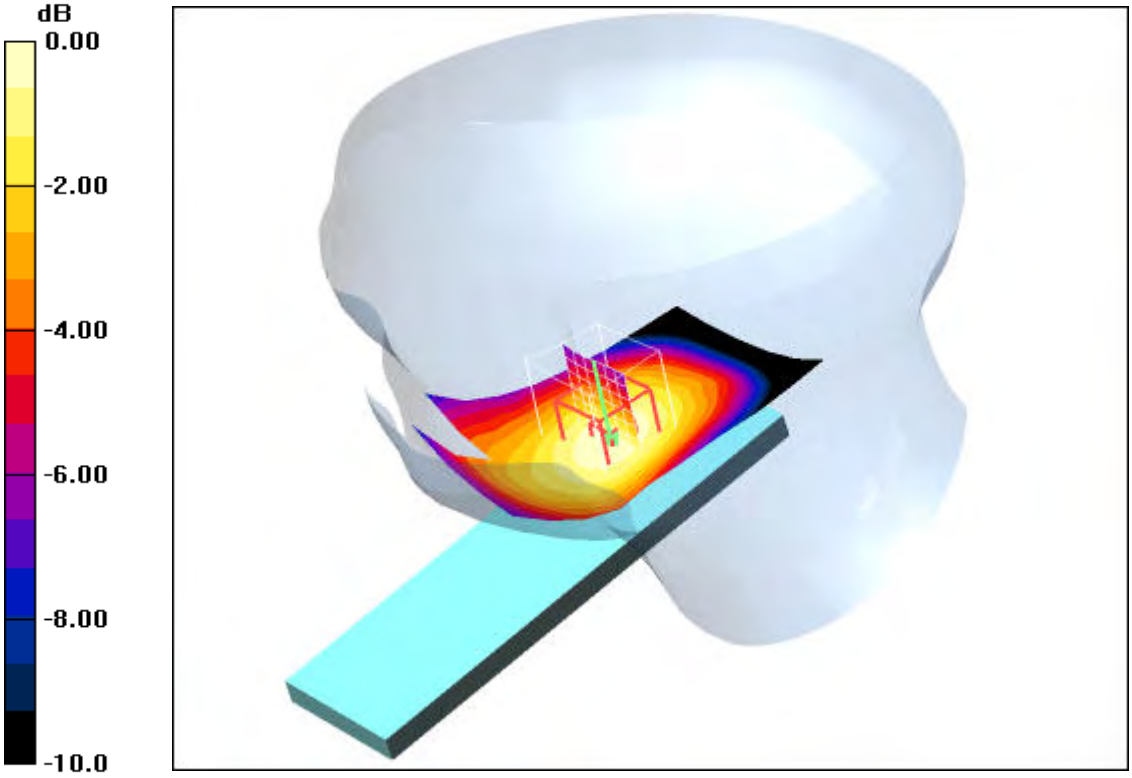
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 824.2 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 824.2 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.274 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 0.321 W/kg
SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.193 mW/g
Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.273mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.5°C

Date/Time: 2009-03-09 12:21:16Date/Time: 2009-03-09 12:27:50

P1528_OET65-RightHandSide-GSM850

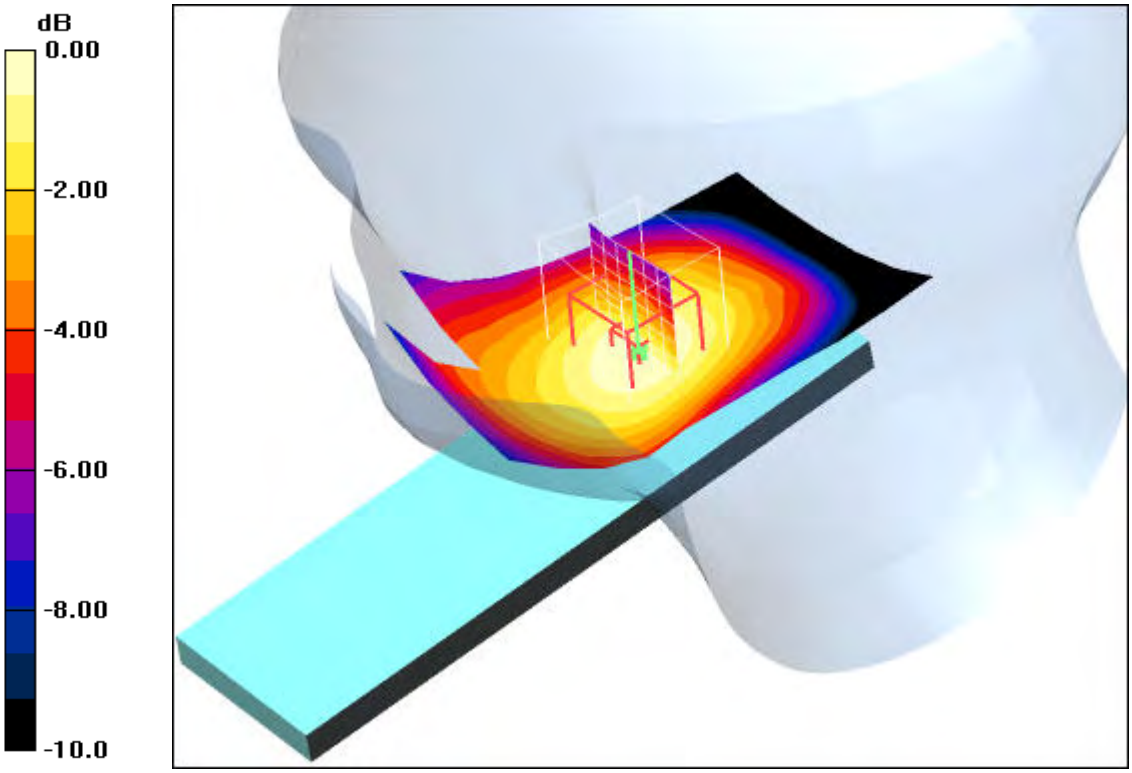
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 836.6 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 836.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.348 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.0 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.242 mW/g
Maximum value of SAR (measured) = 0.346 mW/g



0 dB = 0.346mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.5°C

Date/Time: 2009-03-09 12:41:53Date/Time: 2009-03-09 12:48:27

P1528_OET65-RightHandSide-GSM850

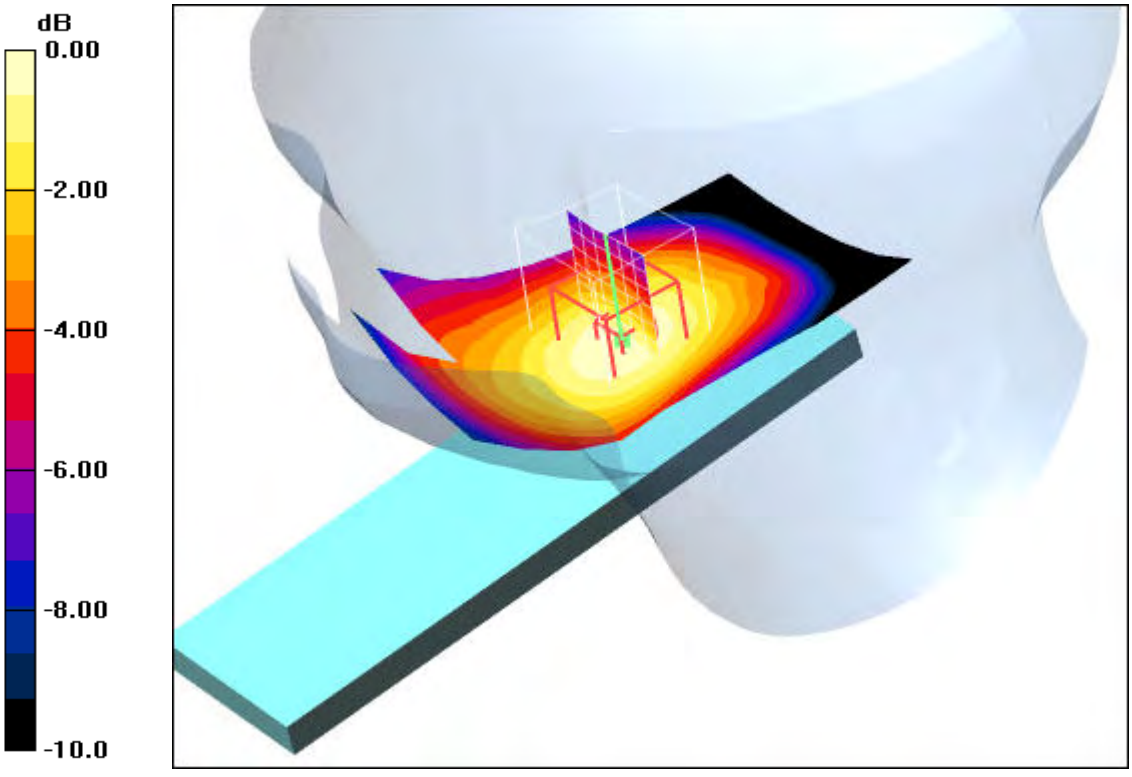
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 848.8 MHz; Duty Cycle: 1:8
Medium: HSL850 Medium parameters used: f = 848.8 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.337 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.6 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.235 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



0 dB = 0.337mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.5°C

Annex 2.2 PCS 850 MHz body

Date/Time: 2009-03-13 15:02:49Date/Time: 2009-03-13 15:09:36

P1528_OET65-Body-GSM850 GPRS 2TS

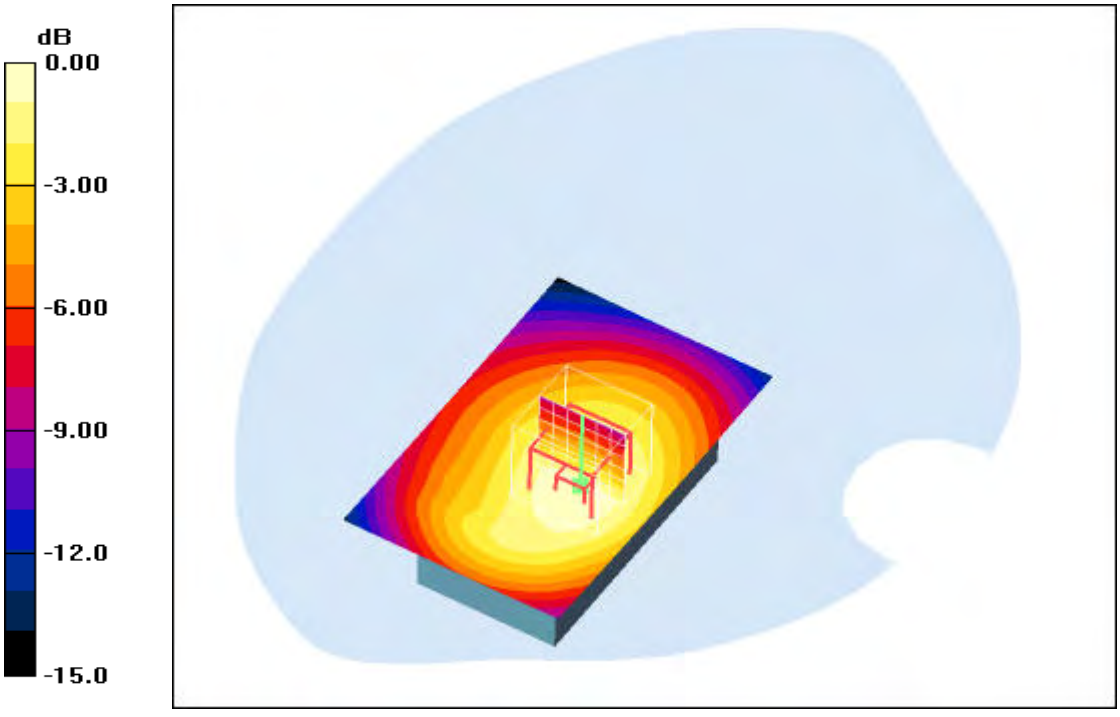
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850 GPRS 2TS; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: M850 Medium parameters used: f = 824.2 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.351 mW/g

Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.1 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.353 mW/g



0 dB = 0.353mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 23.5 °C; liquid temperature: 21.8 °C

Date/Time: 2009-03-13 15:28:33Date/Time: 2009-03-13 15:34:39

P1528_OET65-Body-GSM850 GPRS 2TS

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

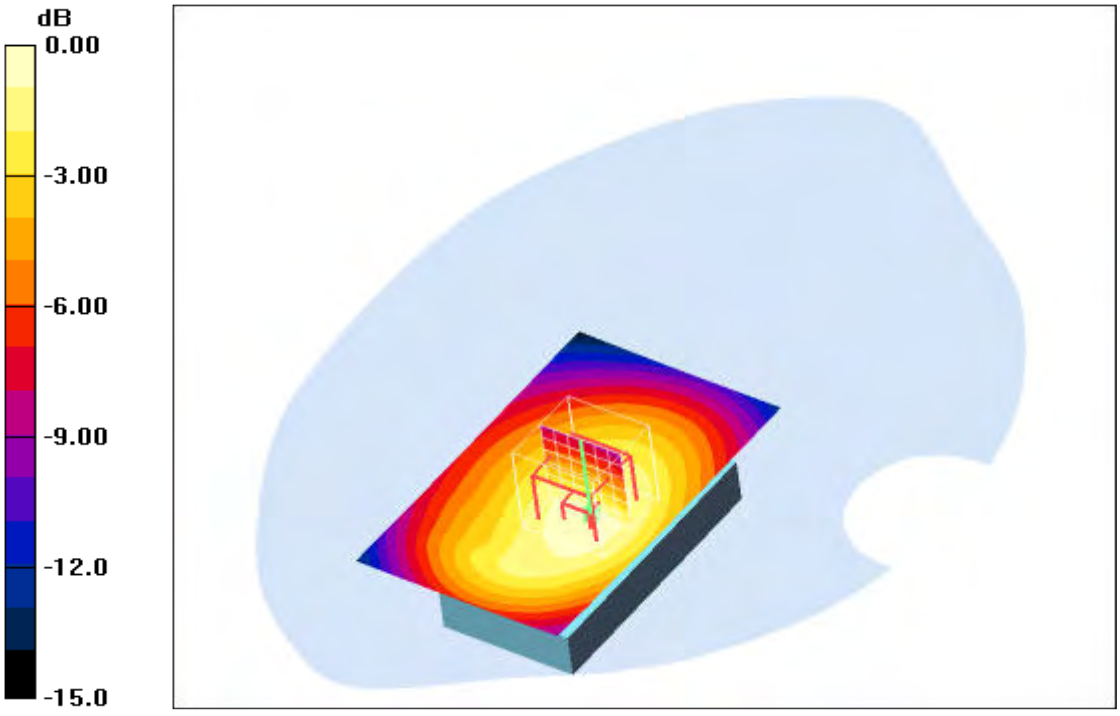
Communication System: PCS 850 GPRS 2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium: M850 Medium parameters used: f = 836.6 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Front position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.282 W/kg
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.224 mW/g



0 dB = 0.224mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 23.5 °C; liquid temperature: 21.8 °C

Date/Time: 2009-03-13 15:49:45Date/Time: 2009-03-13 15:55:58

P1528_OET65-Body-GSM850 GPRS 2TS

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

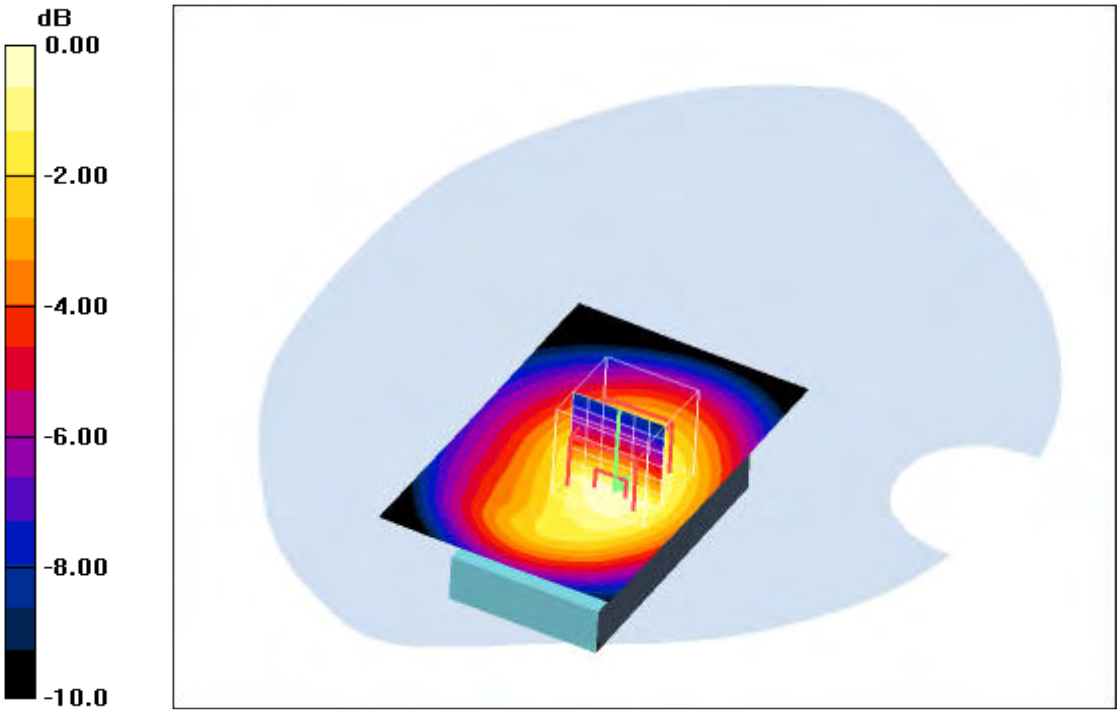
Communication System: PCS 850 GPRS 2TS; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: M850 Medium parameters used: f = 848.8 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.179 mW/g

Front position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.8 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182mW/g

Additional information:
position or distance of DUT to: 15 mm
ambient temperature: 23.5 °C; liquid temperature: 21.8 °C

Date/Time: 2009-03-13 12:59:11Date/Time: 2009-03-13 13:05:12

P1528_OET65-Body-GSM850 GPRS 2TS

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

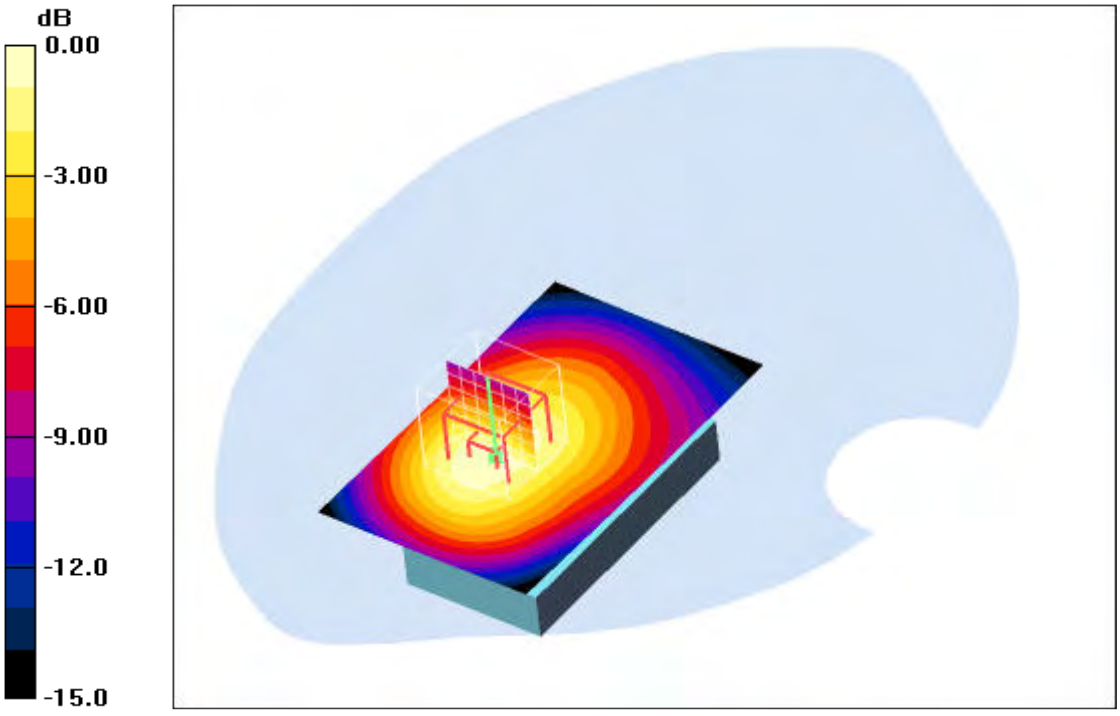
Communication System: PCS 850 GPRS 2TS; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: M850 Medium parameters used: f = 824.2 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.5 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.640 mW/g; SAR(10 g) = 0.430 mW/g
Maximum value of SAR (measured) = 0.692 mW/g



0 dB = 0.692mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 23.1 °C; liquid temperature: 21.7 °C

Date/Time: 2009-03-13 13:20:09Date/Time: 2009-03-13 13:26:29

P1528_OET65-Body-GSM850 GPRS 2TS

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

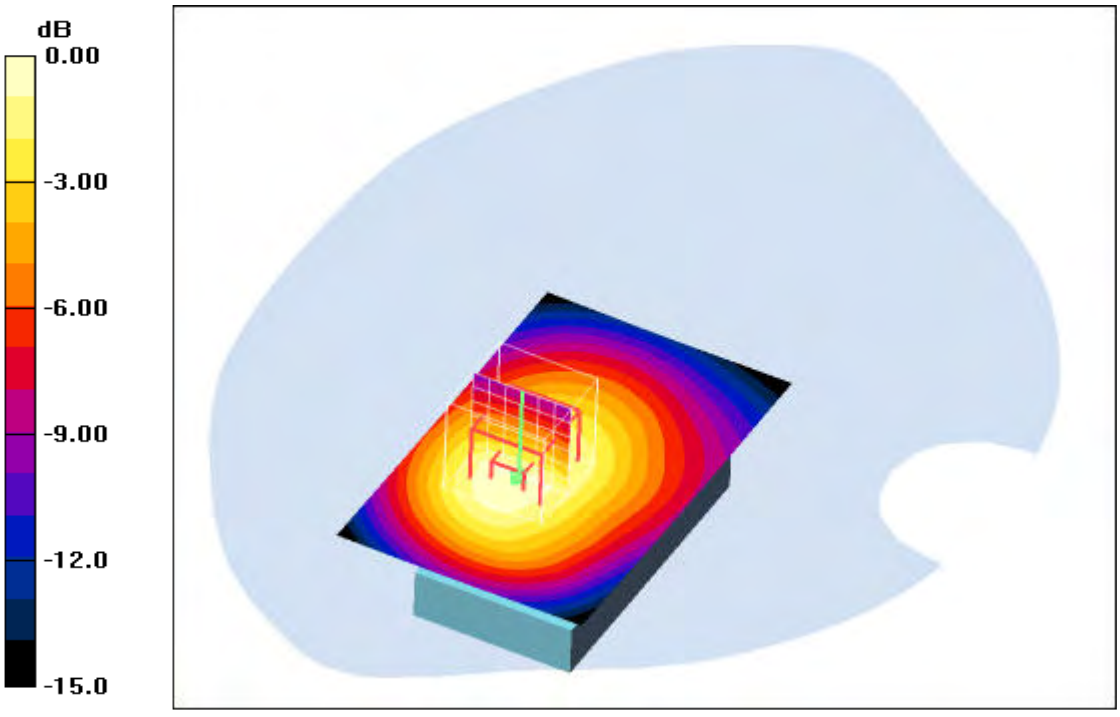
Communication System: PCS 850 GPRS 2TS; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium: M850 Medium parameters used: f = 836.6 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.535 mW/g

Rear position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.2 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 0.716 W/kg
SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.334 mW/g
Maximum value of SAR (measured) = 0.534 mW/g



0 dB = 0.534mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 23.1 °C; liquid temperature: 21.7 °C

Date/Time: 2009-03-13 13:45:35Date/Time: 2009-03-13 13:51:30

P1528_OET65-Body-GSM850 GPRS 2TS

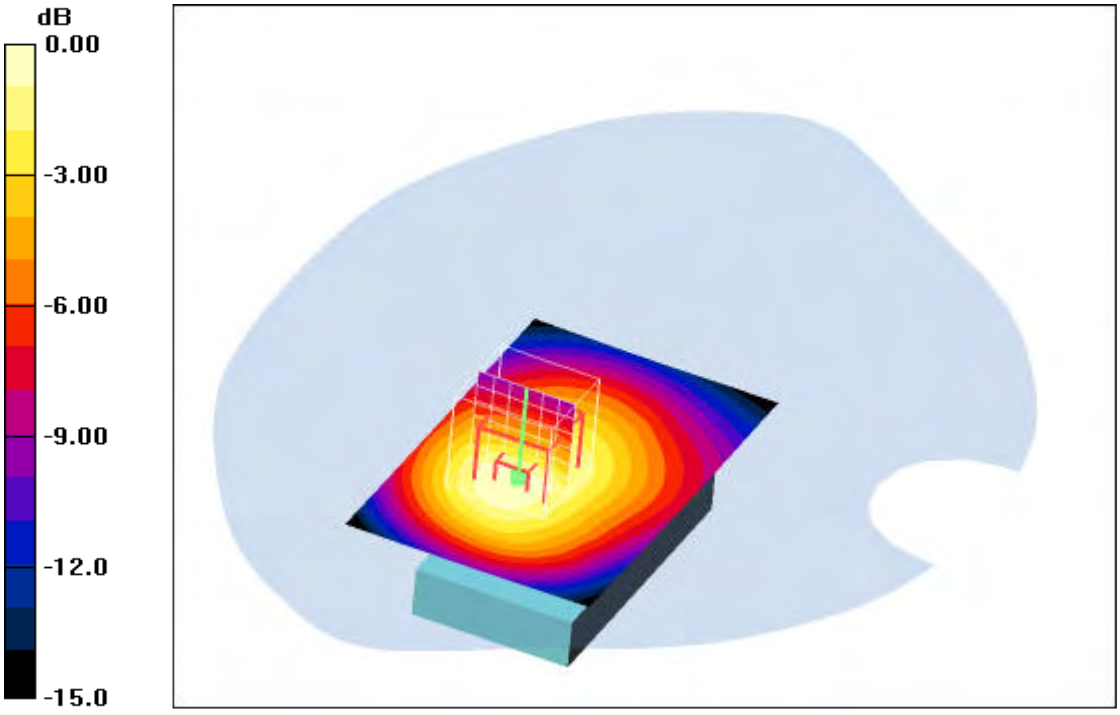
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850 GPRS 2TS; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: M850 Medium parameters used: f = 848.8 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.432 mW/g

Rear position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.577 W/kg
SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.267 mW/g
Maximum value of SAR (measured) = 0.429 mW/g



0 dB = 0.429mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 23.1 °C; liquid temperature: 21.7 °C

Date/Time: 2009-03-13 14:11:16Date/Time: 2009-03-13 14:17:09

P1528_OET65-Body-GSM850 GPRS 1TS

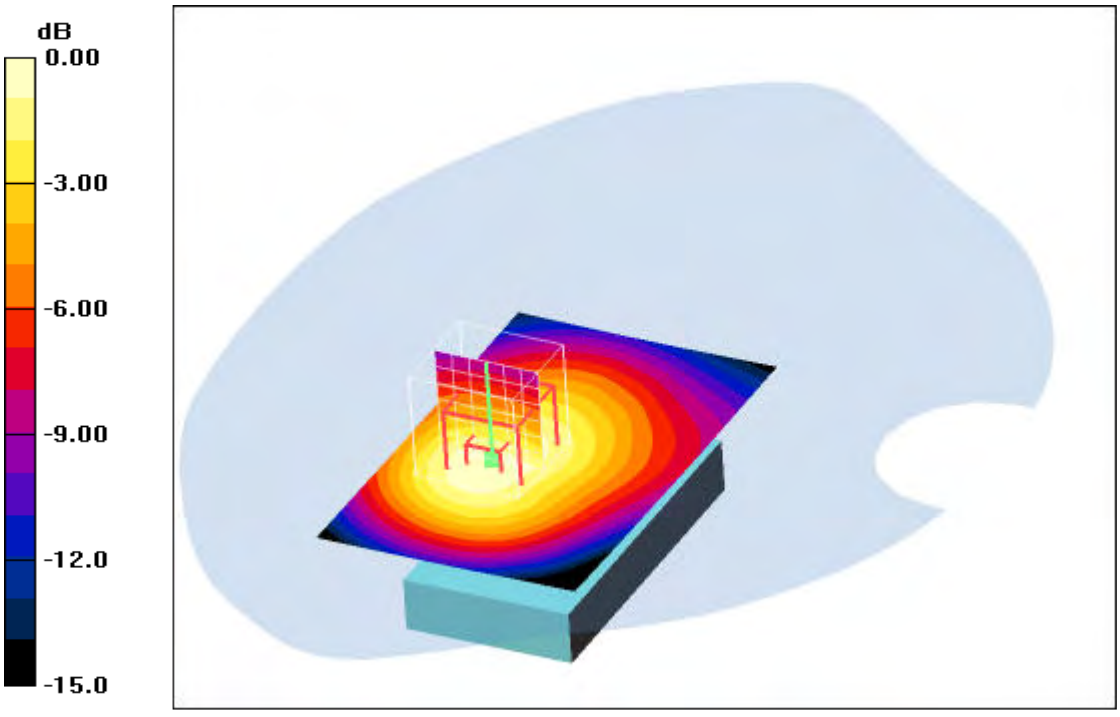
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 850; Frequency: 824.2 MHz; Duty Cycle: 1:8
Medium: M850 Medium parameters used: f = 824.2 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.631 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.8 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 0.833 W/kg
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.399 mW/g
Maximum value of SAR (measured) = 0.639 mW/g



0 dB = 0.639mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 23.1 °C; liquid temperature: 21.7 °C

Annex 2.3 PCS 1900 MHz head

Date/Time: 2009-03-10 10:13:15Date/Time: 2009-03-10 10:19:44

P1528_OET65-LeftHandSide-GSM1900

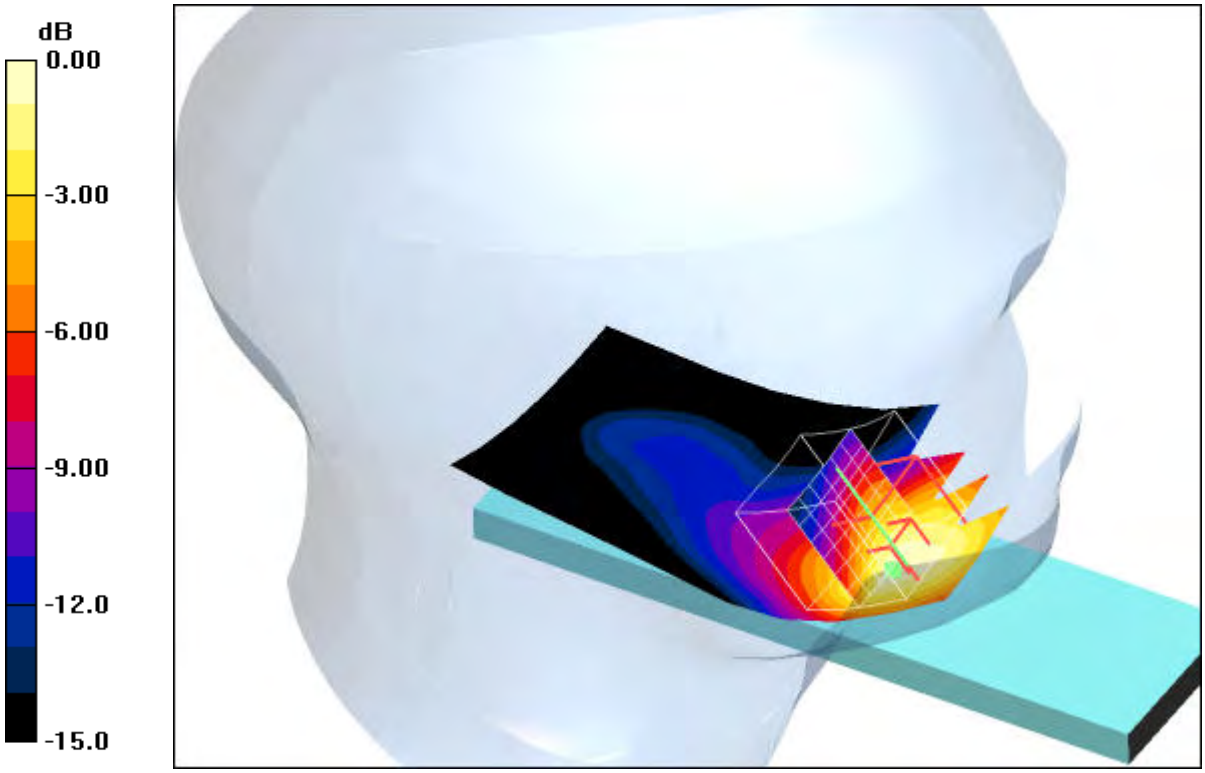
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.596 mW/g

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.582mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.8°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 10:36:21Date/Time: 2009-03-10 10:43:25

P1528_OET65-LeftHandSide-GSM1900

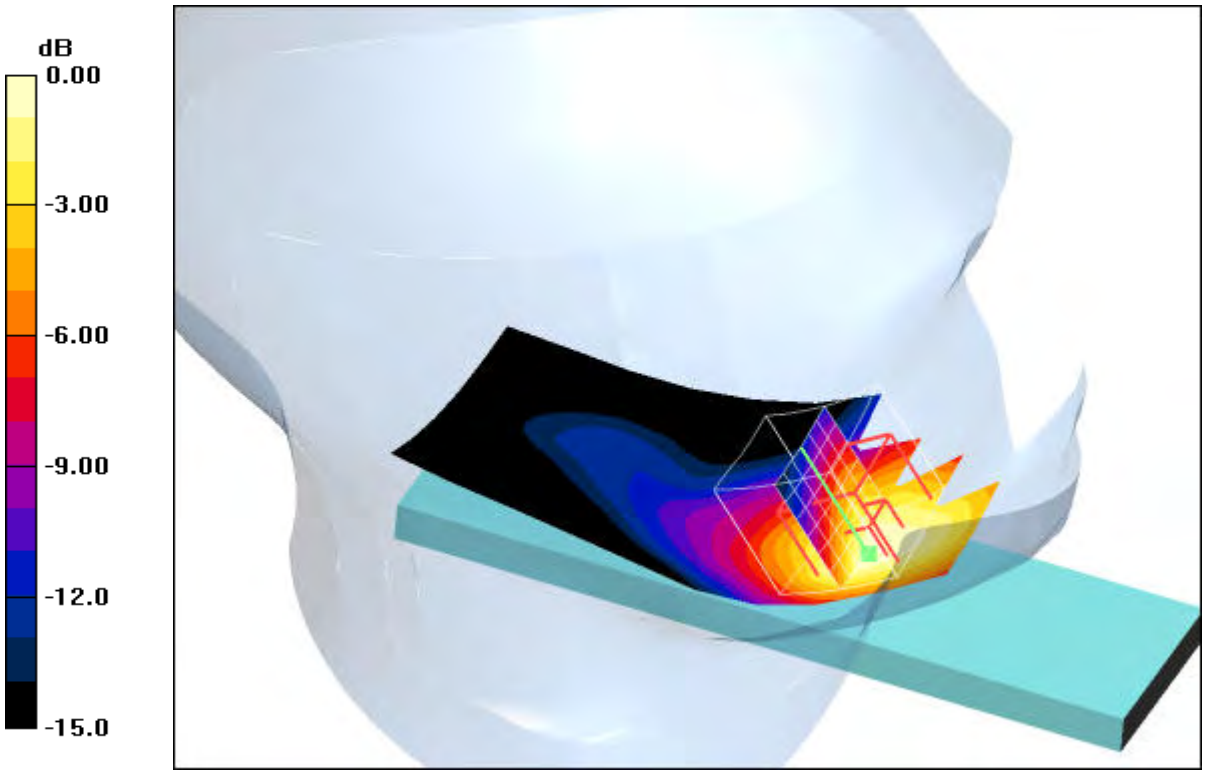
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.603 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.580 mW/g



0 dB = 0.580mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.8°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 11:00:16Date/Time: 2009-03-10 11:06:56

P1528_OET65-LeftHandSide-GSM1900

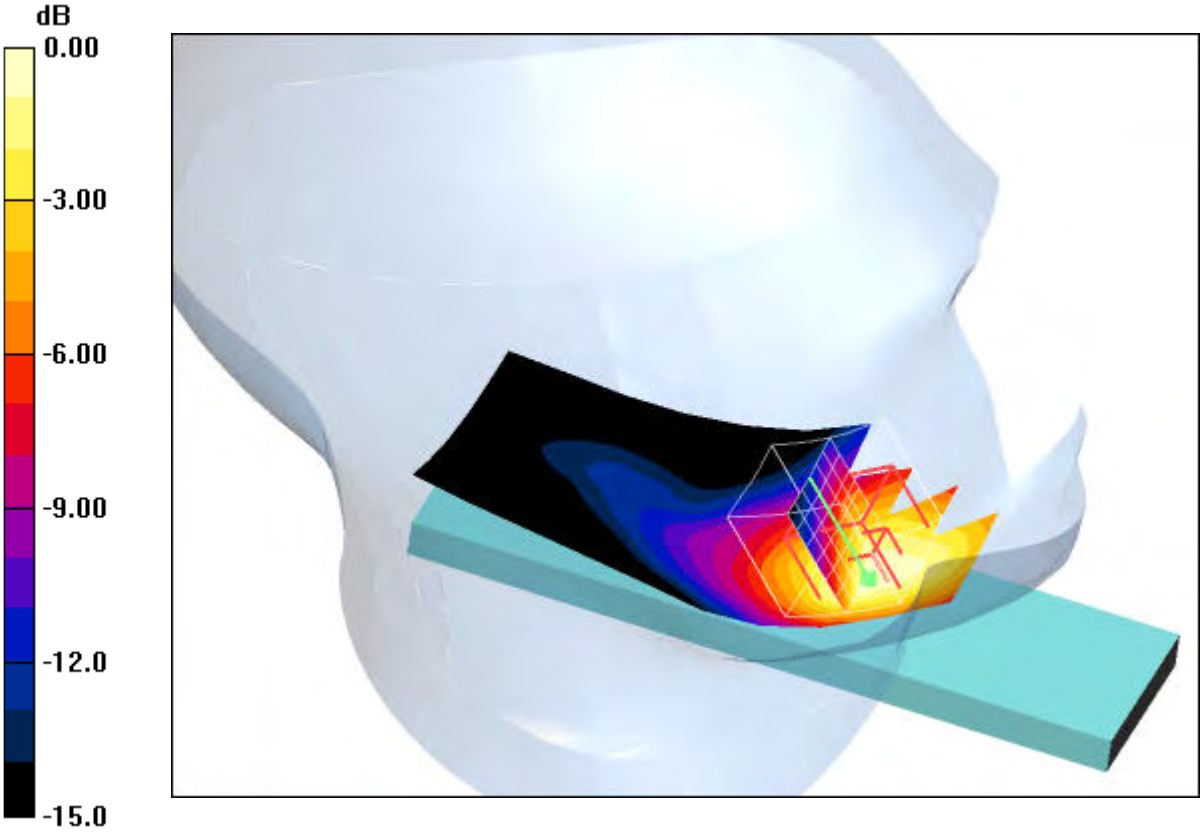
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.472 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.799 W/kg
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.458 mW/g



0 dB = 0.458mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.8°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 12:28:11Date/Time: 2009-03-10 12:35:00Date/Time: 2009-03-10 12:46:18

P1528_OET65-LeftHandSide-GSM1900

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

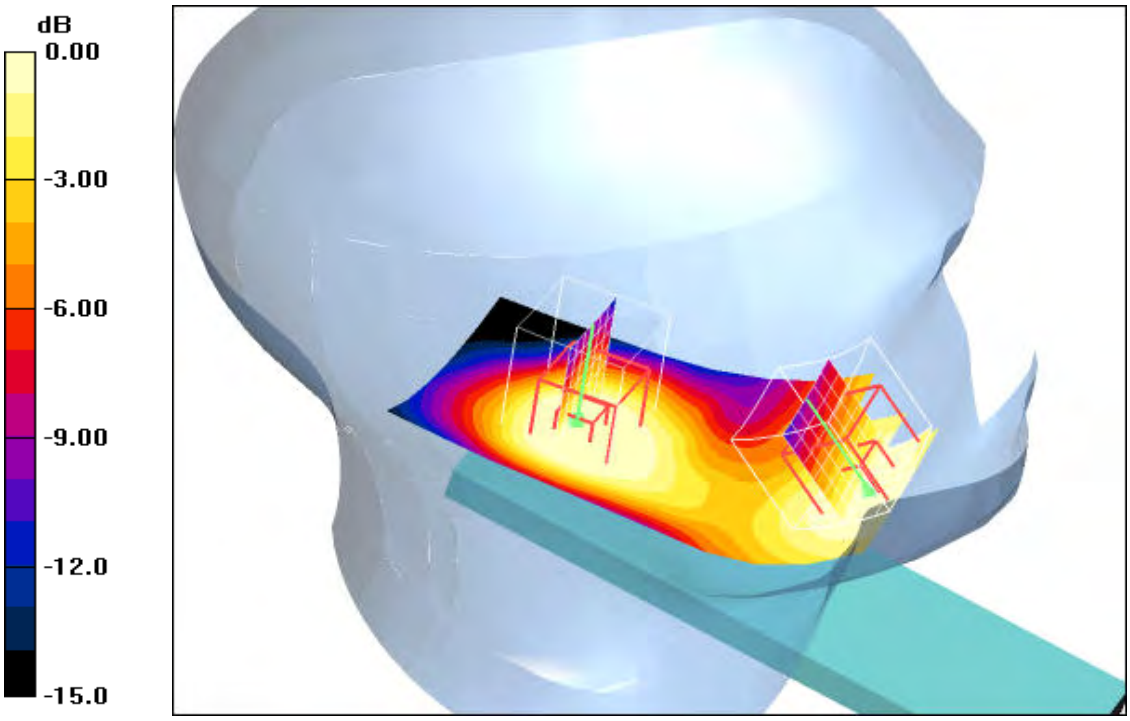
Maximum value of SAR (interpolated) = 0.084 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.56 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.108 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.077 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.56 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.092 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.065 mW/g



0 dB = 0.065mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.3°C

Date/Time: 2009-03-10 11:55:27Date/Time: 2009-03-10 12:02:05Date/Time: 2009-03-10 12:13:21

P1528_OET65-LeftHandSide-GSM1900

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

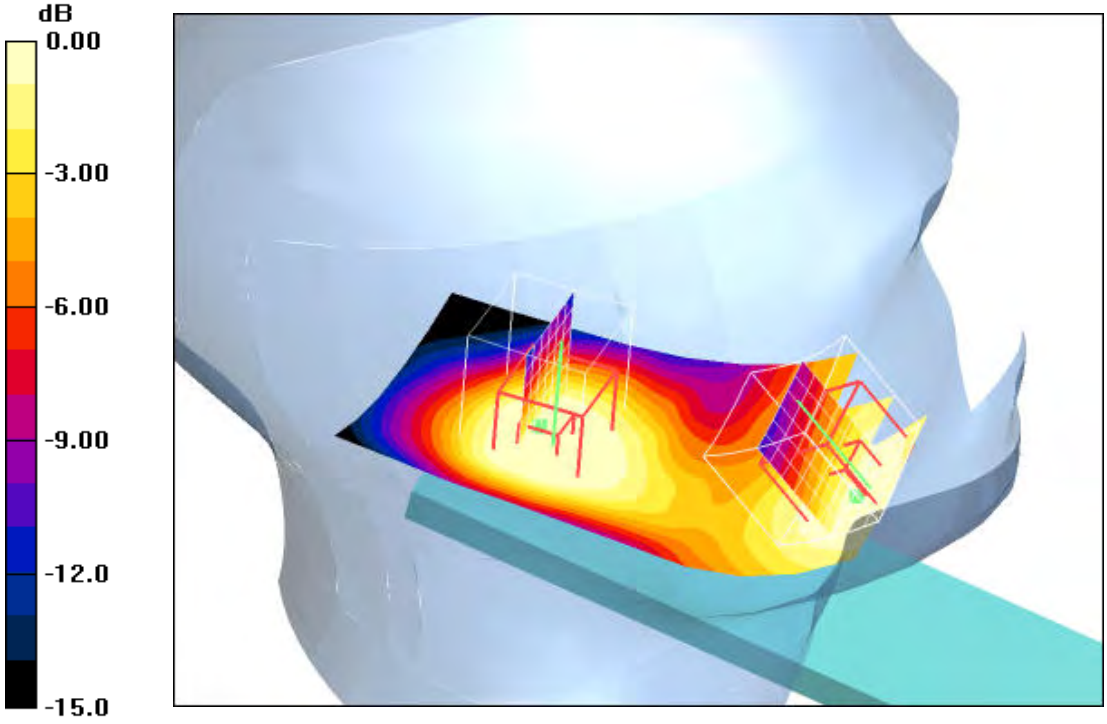
Maximum value of SAR (interpolated) = 0.078 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.105 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.071 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.38 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.089 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



0 dB = 0.061mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.3°C

Date/Time: 2009-03-10 11:22:51Date/Time: 2009-03-10 11:29:28Date/Time: 2009-03-10 11:40:41

P1528_OET65-LeftHandSide-GSM1900

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

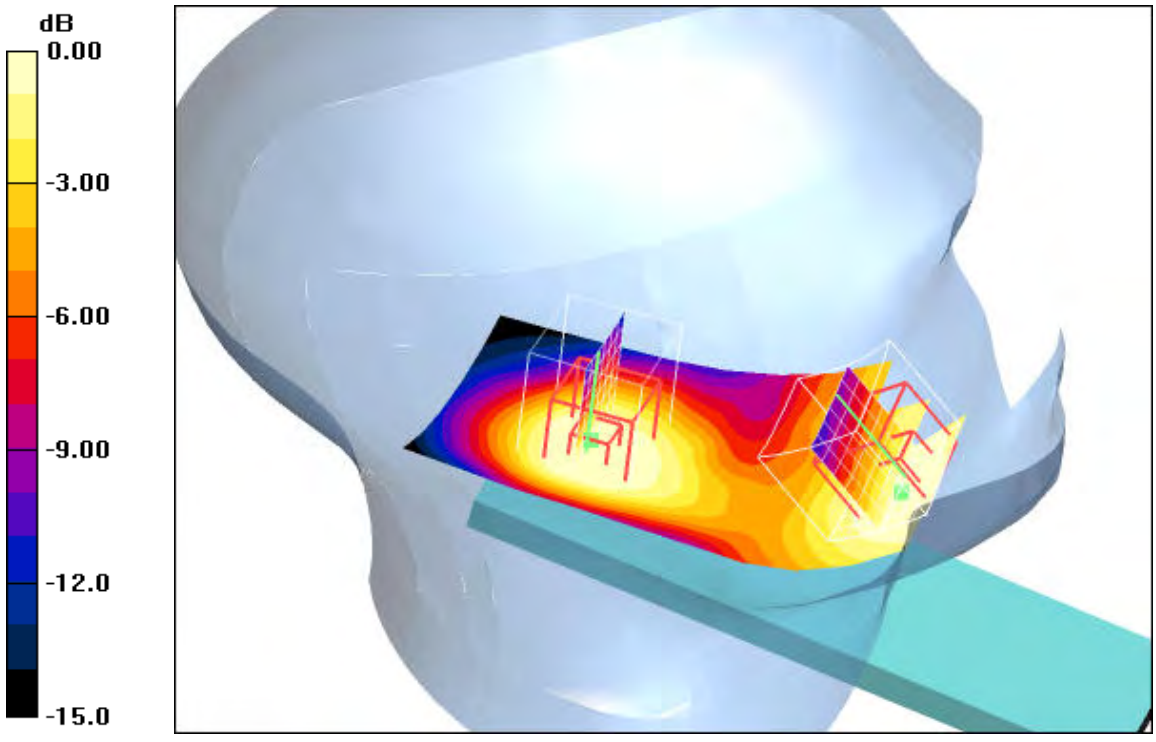
Maximum value of SAR (interpolated) = 0.057 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.19 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.051 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.19 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



0 dB = 0.046mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.3°C

Date/Time: 2009-03-10 13:07:43Date/Time: 2009-03-10 13:15:39

P1528_OET65-RightHandSide-GSM1900

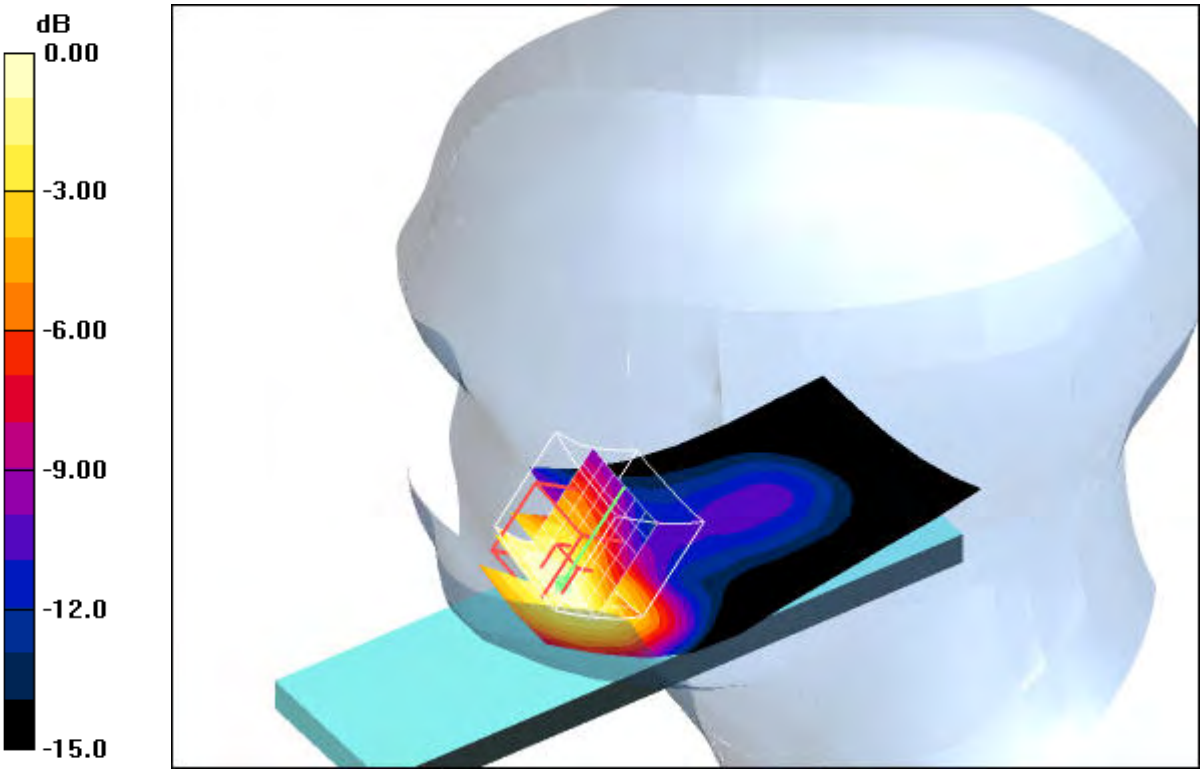
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.906 W/kg
SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.290 mW/g
Maximum value of SAR (measured) = 0.502 mW/g



0 dB = 0.502mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 13:31:47Date/Time: 2009-03-10 13:38:23

P1528_OET65-RightHandSide-GSM1900

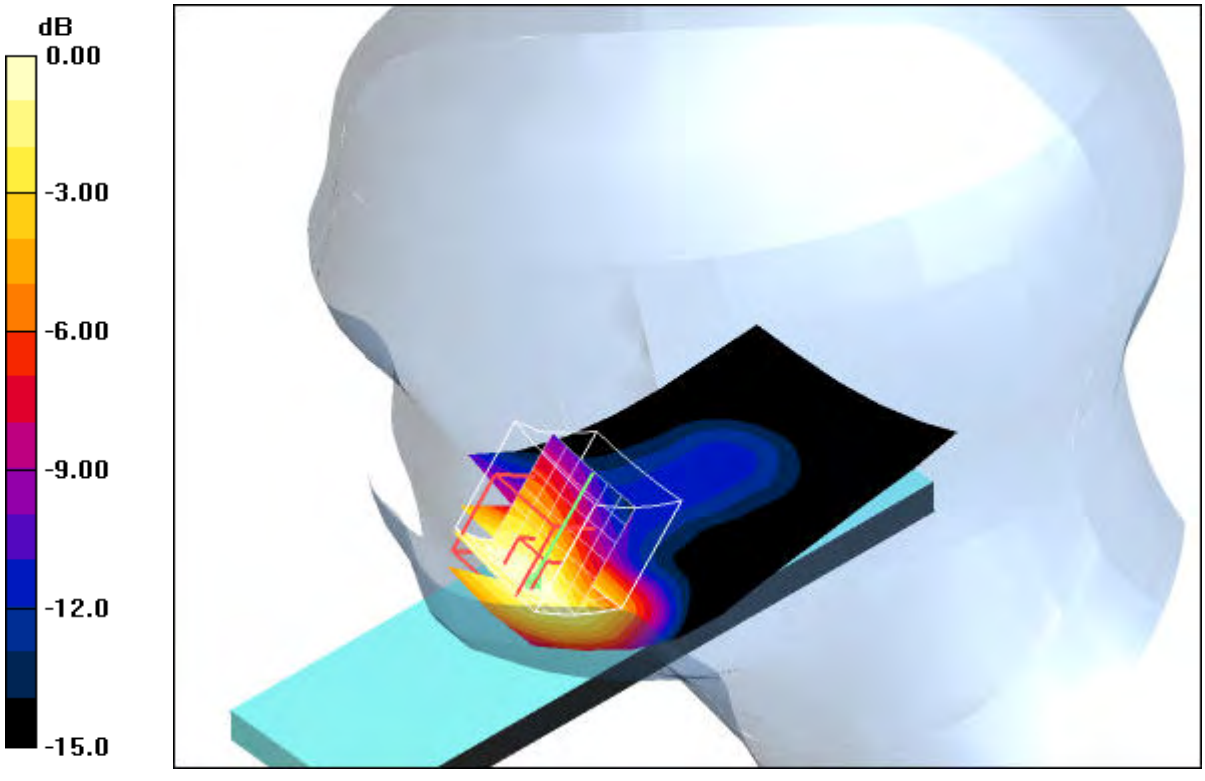
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.503 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.277 mW/g
Maximum value of SAR (measured) = 0.486 mW/g



0 dB = 0.486mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 13:56:04Date/Time: 2009-03-10 14:03:59

P1528_OET65-RightHandSide-GSM1900

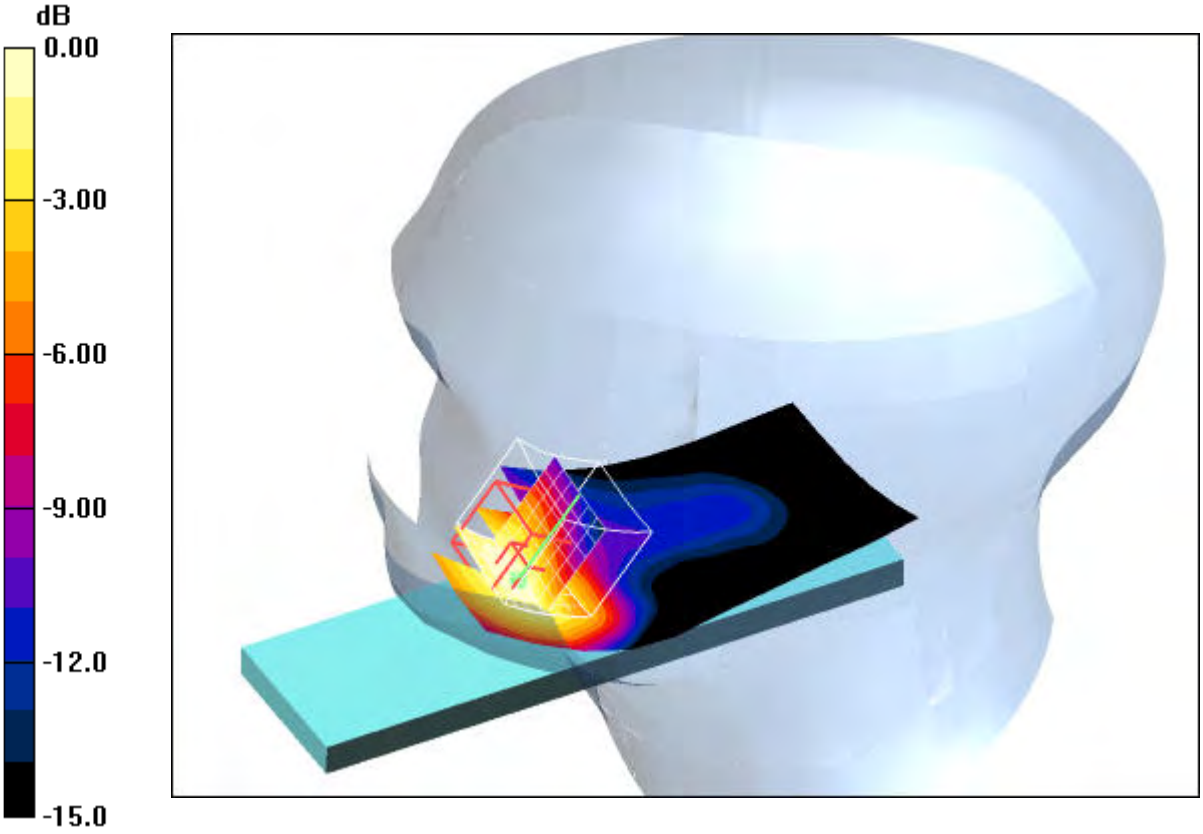
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.404 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.399 mW/g



0 dB = 0.399mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 15:14:12Date/Time: 2009-03-10 15:20:47

P1528_OET65-RightHandSide-GSM1900

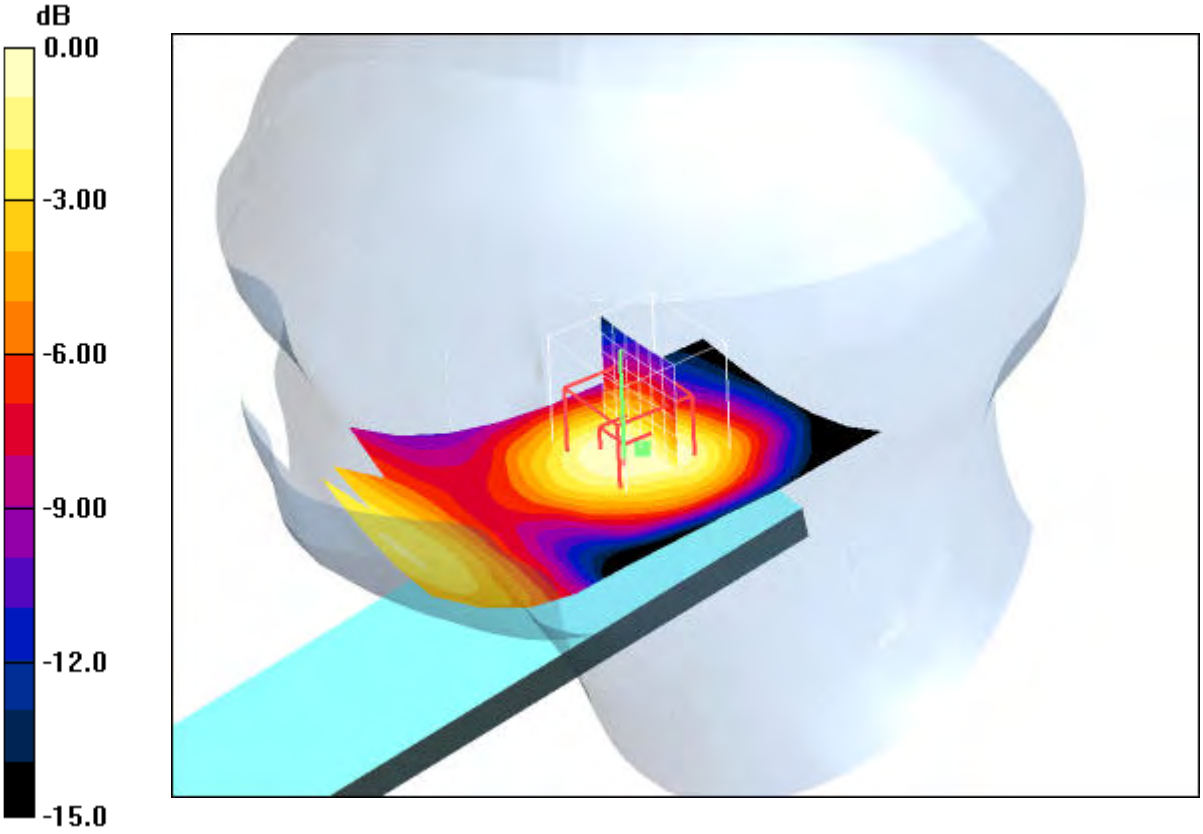
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.108 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.67 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.101mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.9°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 14:52:45Date/Time: 2009-03-10 15:00:31

P1528_OET65-RightHandSide-GSM1900

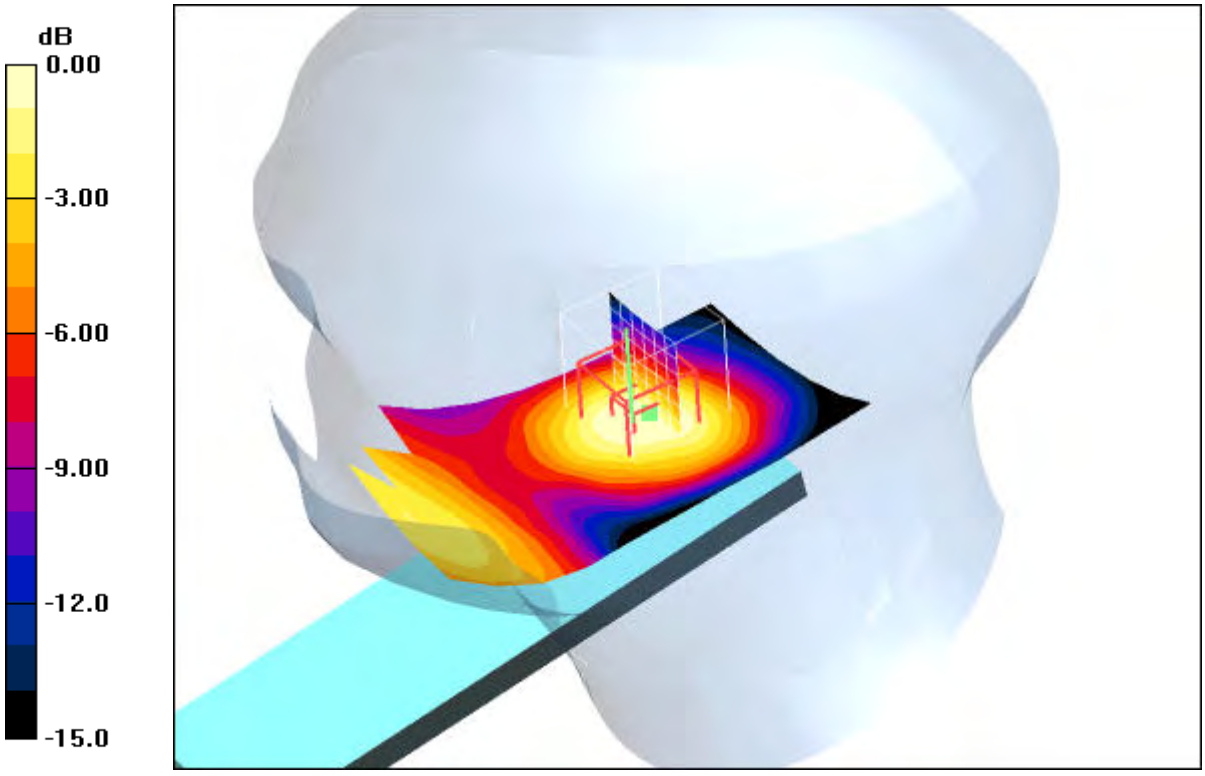
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.098 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.24 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.138 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.091 mW/g



0 dB = 0.091mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.9°C; liquid temperature: 21.2°C

Date/Time: 2009-03-10 14:19:29Date/Time: 2009-03-10 14:26:02Date/Time: 2009-03-10 14:37:37

P1528_OET65-RightHandSide-GSM1900

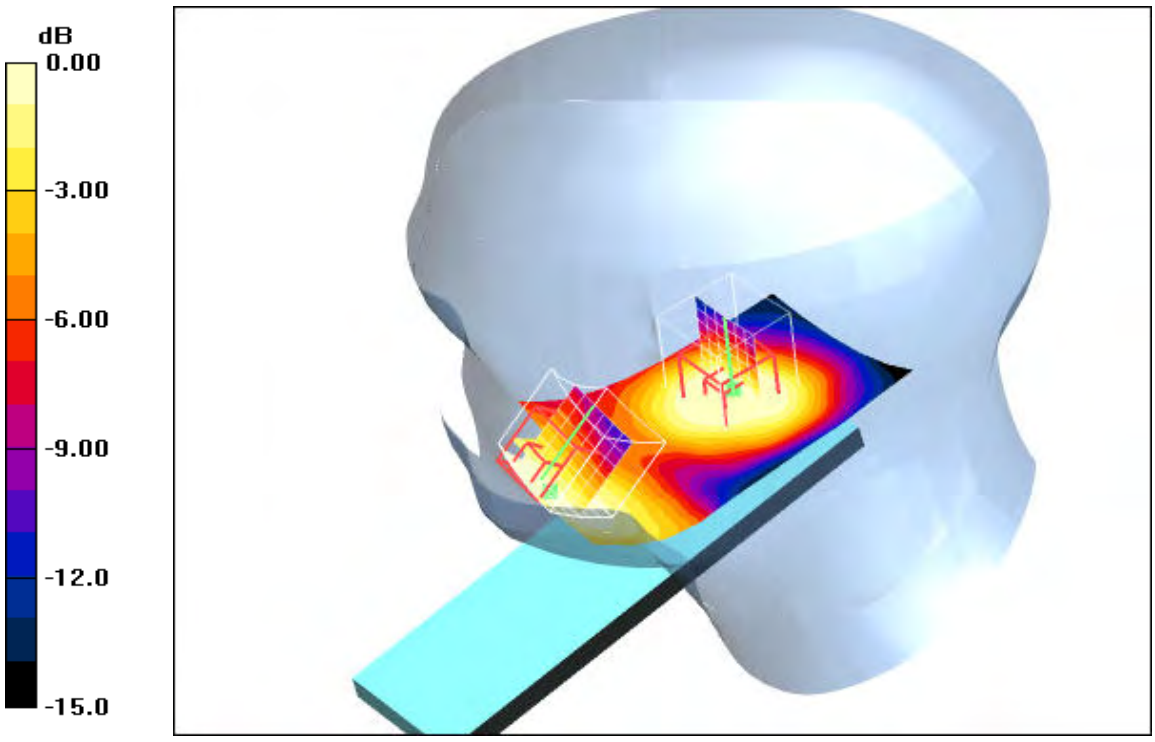
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium: HSL1900 Medium parameters used: f = 1909.8 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.071 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.90 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.099 W/kg
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.065 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.90 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.069 W/kg
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.048 mW/g



0 dB = 0.048mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 21.9°C; liquid temperature: 21.2°C

Annex 2.4 PCS 1900 MHz body

Date/Time: 2009-03-12 09:35:11Date/Time: 2009-03-12 09:41:15
Date/Time: 2009-03-12 09:53:10Date/Time: 2009-03-12 10:04:58

P1528_OET65-Body-GSM1900 GPRS 2TS

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: PCS 1900 GPRS 2TS; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1900 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.155 mW/g

Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

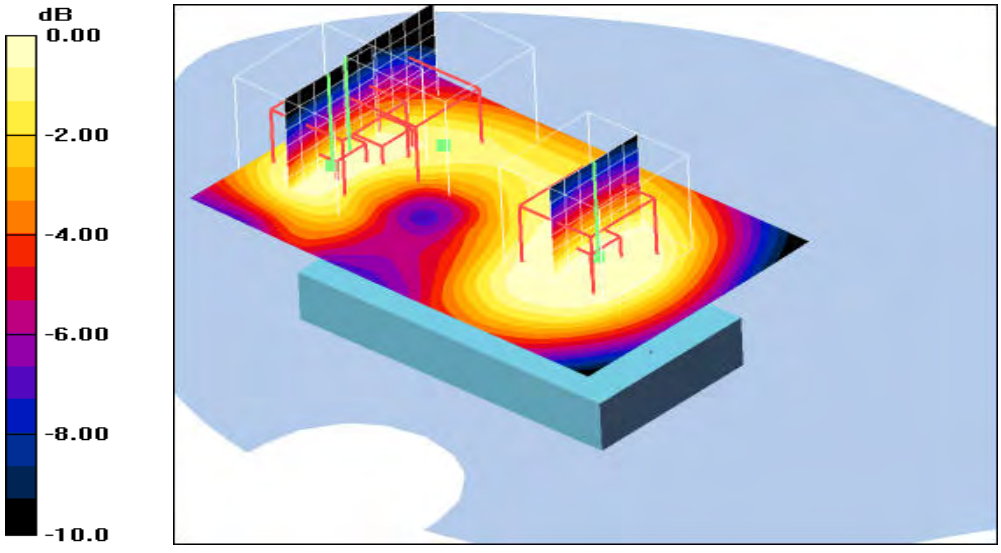
Reference Value = 10.3 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.151 mW/g

Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.134 mW/g

Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 2: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.093 dB
Peak SAR (extrapolated) = 0.197 W/kg
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.2°C; liquid temperature: 21.5°C

Date/Time: 2009-03-12 10:21:45Date/Time: 2009-03-12 10:28:24Date/Time: 2009-03-12 10:40:15

P1528_OET65-Body-GSM1900 GPRS 2TS

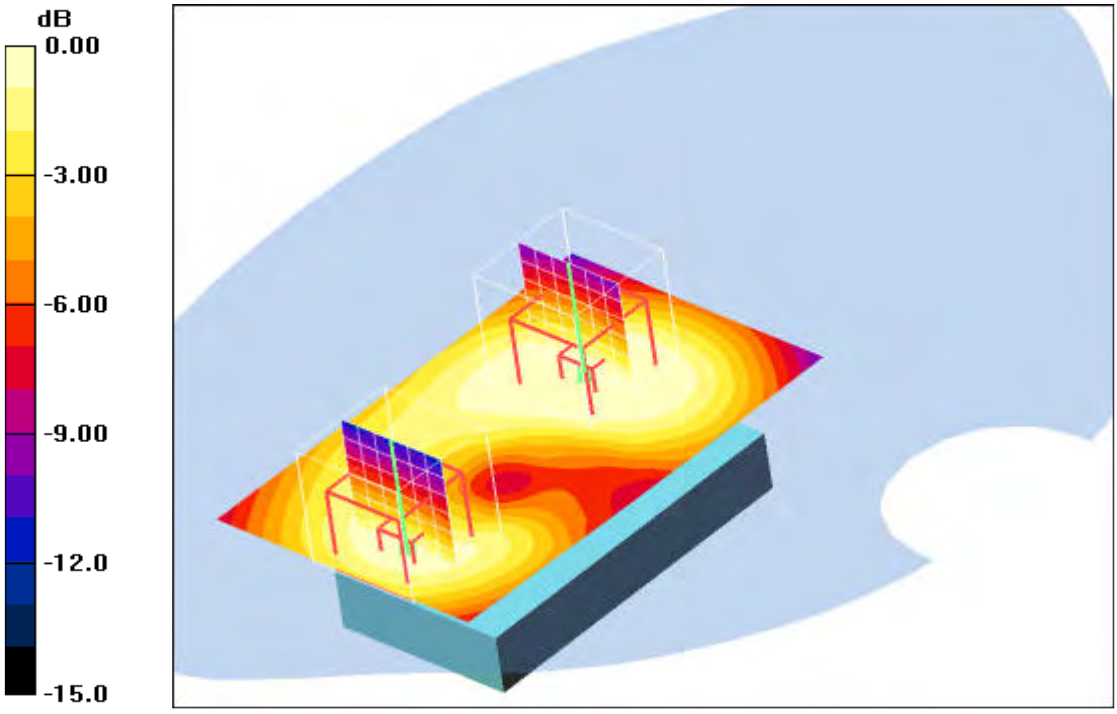
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900 GPRS 2TS; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Middle/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.143 mW/g

Front position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.141 mW/g

Front position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.179 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.2°C; liquid temperature: 21.5°C

Date/Time: 2009-03-12 10:57:07Date/Time: 2009-03-12 11:03:02Date/Time: 2009-03-12 11:14:41

P1528_OET65-Body-GSM1900 GPRS 2TS

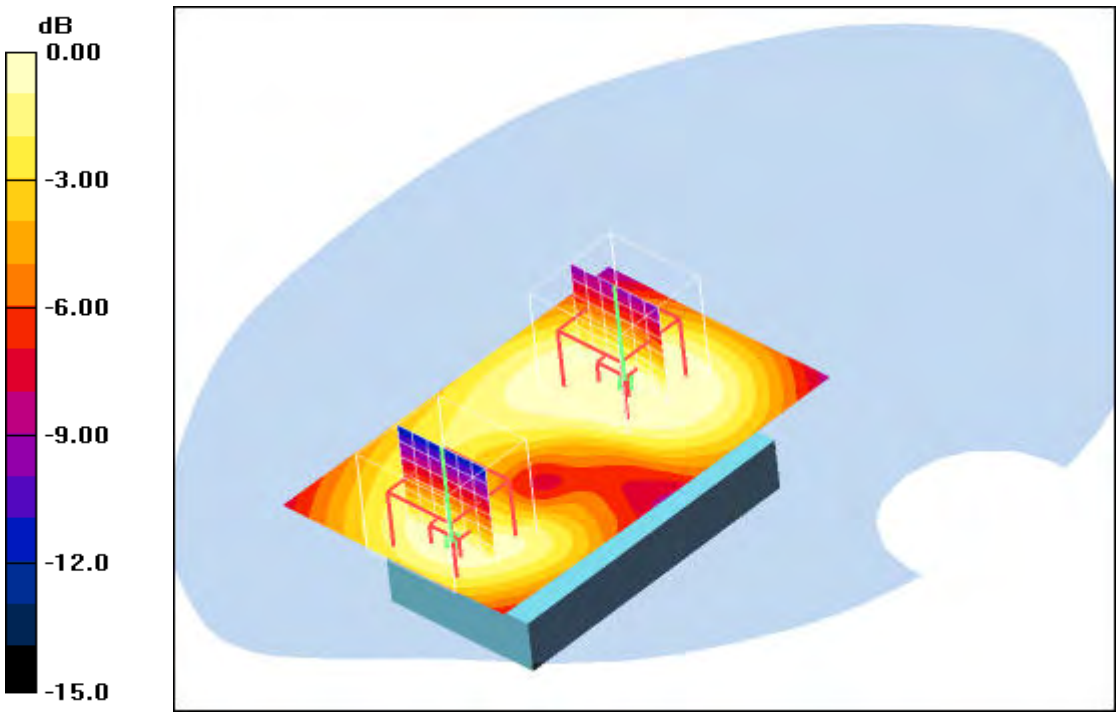
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900 GPRS 2TS; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1900 Medium parameters used: f = 1909.8 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.132 mW/g

Front position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.70 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.189 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.079 mW/g
Maximum value of SAR (measured) = 0.129 mW/g

Front position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.70 V/m; Power Drift = -0.015 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.104mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.2°C; liquid temperature: 21.5°C

Date/Time: 2009-03-12 12:49:10Date/Time: 2009-03-12 12:55:19Date/Time: 2009-03-12 13:07:00

P1528_OET65-Body-GSM1900 GPRS 2TS

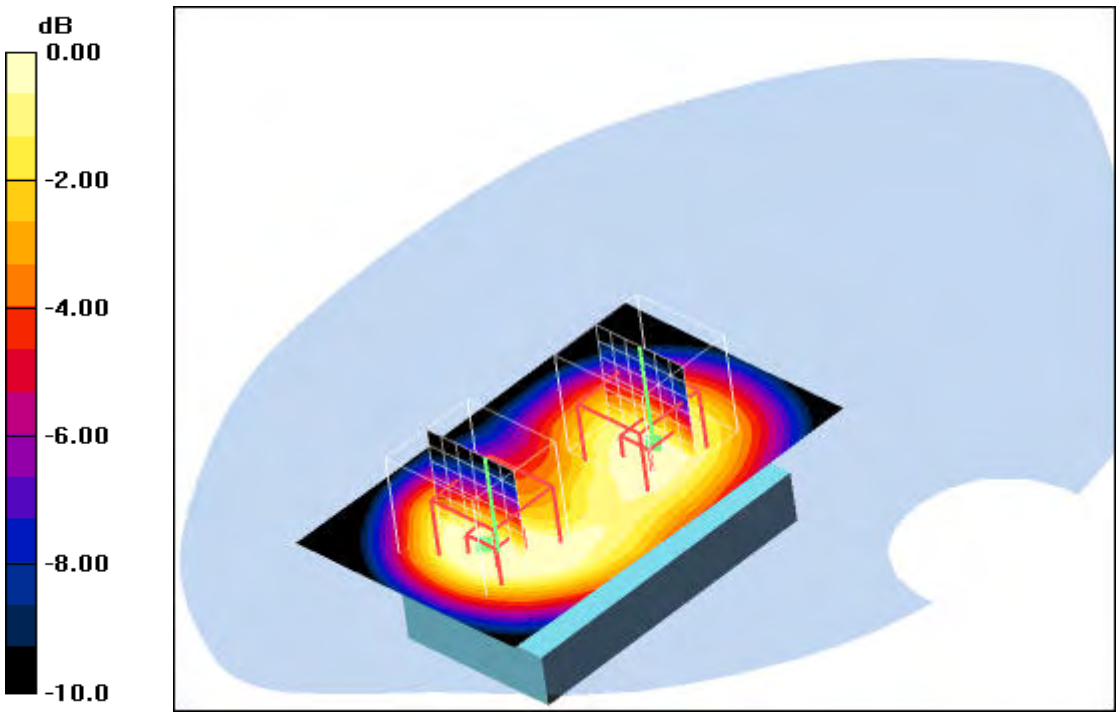
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900 GPRS 2TS; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1900 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.405 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.633 W/kg
SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.226 mW/g
Maximum value of SAR (measured) = 0.413 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.474 W/kg
SAR(1 g) = 0.309 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.327 mW/g



0 dB = 0.327mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.4°C; liquid temperature: 21.4°C

Date/Time: 2009-03-12 12:13:55Date/Time: 2009-03-12 12:20:01Date/Time: 2009-03-12 12:31:44

P1528_OET65-Body-GSM1900 GPRS 2TS

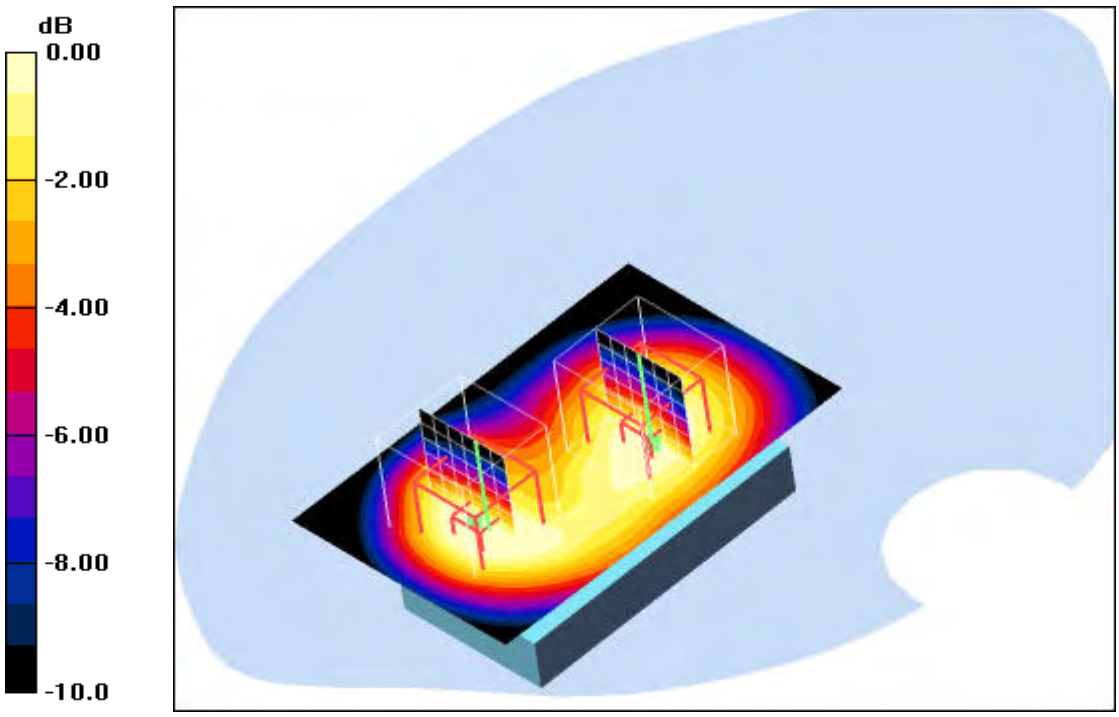
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900 GPRS 2TS; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Middle/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.391 mW/g

Rear position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.378 mW/g

Rear position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.332 mW/g



0 dB = 0.332mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.4°C; liquid temperature: 21.4°C

Date/Time: 2009-03-12 11:40:56Date/Time: 2009-03-12 11:46:56Date/Time: 2009-03-12 11:58:40

P1528_OET65-Body-GSM1900 GPRS 2TS

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900 GPRS 2TS; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1900 Medium parameters used: f = 1909.8 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position -High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

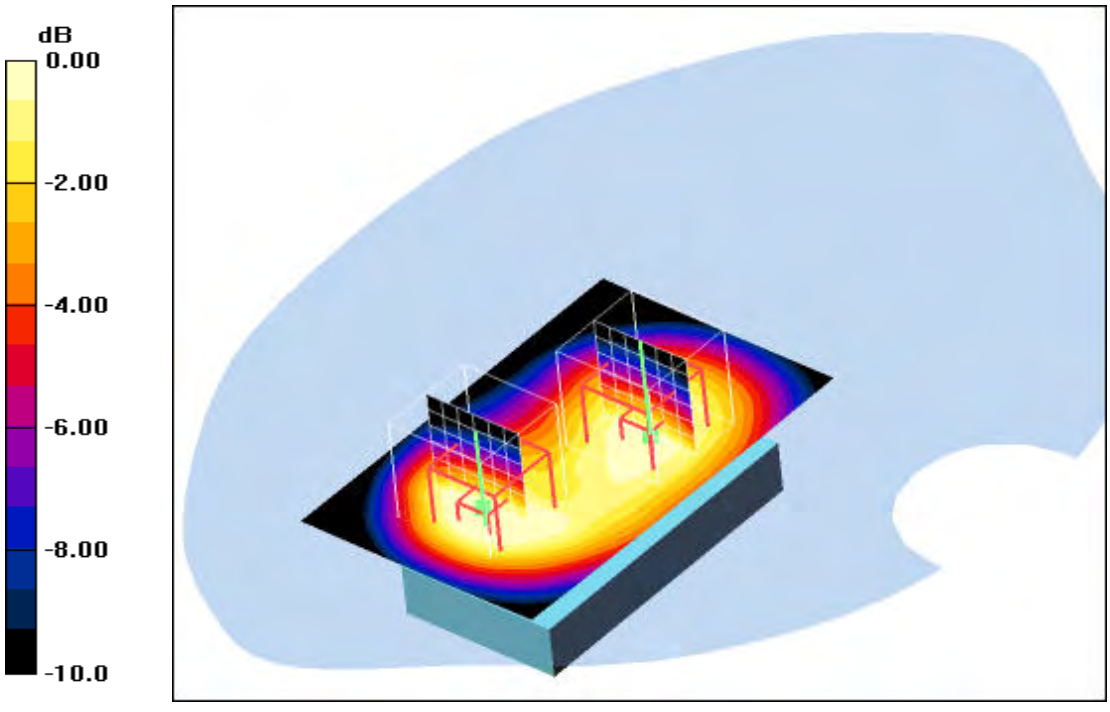
Maximum value of SAR (interpolated) = 0.412 mW/g

Rear position -High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.641 W/kg
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.216 mW/g
Maximum value of SAR (measured) = 0.391 mW/g

Rear position -High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.327 mW/g



0 dB = 0.327mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.4°C; liquid temperature: 21.4°C

Date/Time: 2009-03-12 13:36:12Date/Time: 2009-03-12 13:41:57Date/Time: 2009-03-12 13:53:36

P1528_OET65-Body-GSM1900 GPRS 1TS

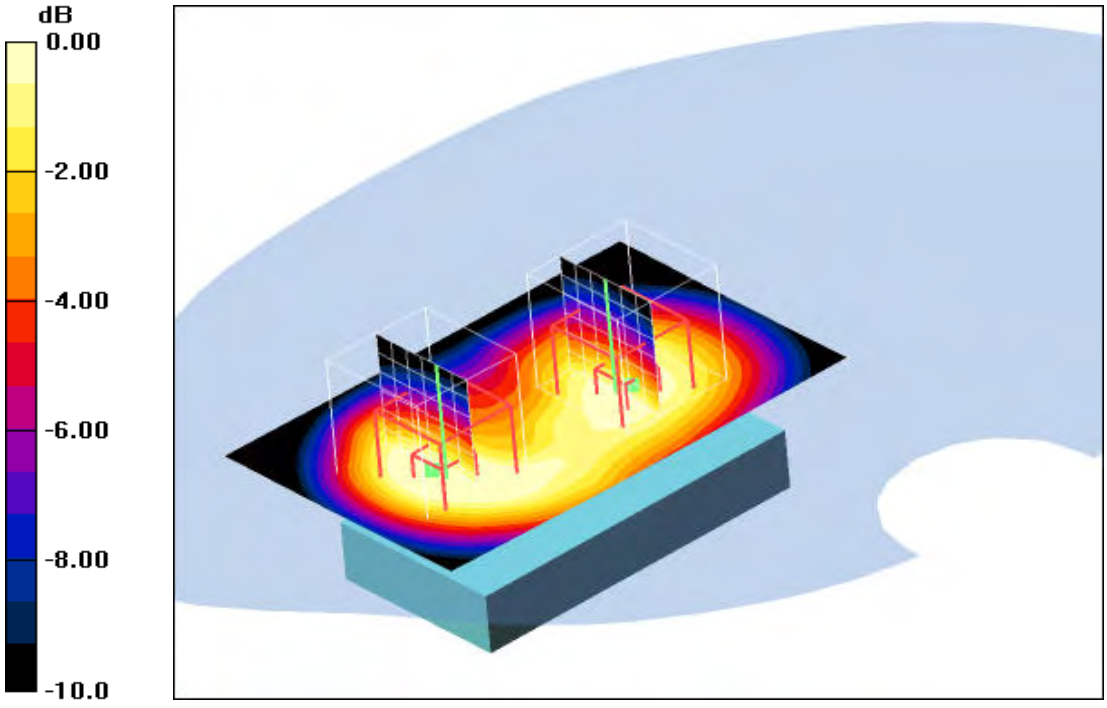
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: PCS 1900 GPRS 1TS; Frequency: 1850.2 MHz; Duty Cycle: 1:8
Medium: M1900 Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Low/Area Scan (51x81x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.439 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.718 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.460 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.219 mW/g
Maximum value of SAR (measured) = 0.356 mW/g



0 dB = 0.356mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) : 15 mm
ambient temperature: 22.6°C; liquid temperature: 21.4°C

Annex 2.5 UMTS (WCDMA) FDD II 1850 MHz head

Date/Time: 2009-03-11 10:01:00Date/Time: 2009-03-11 10:07:31

P1528_OET65-LeftHandSide-UMTS-FDD-II

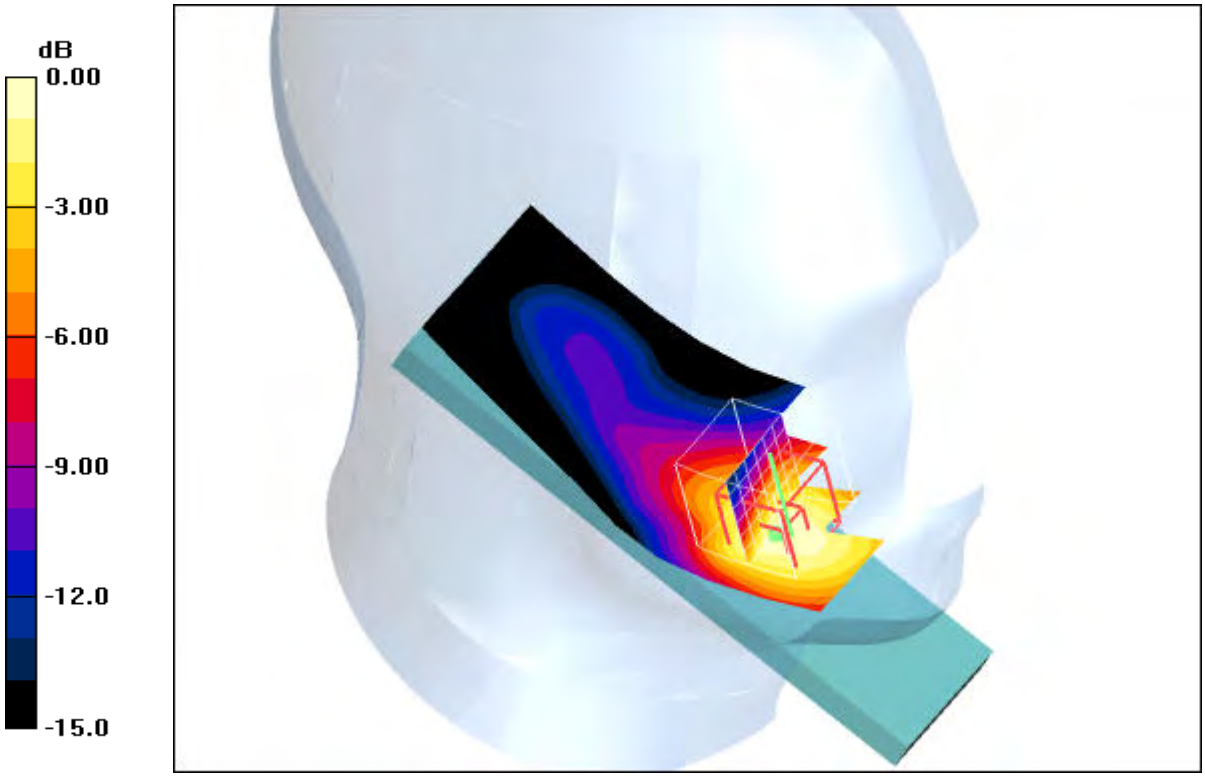
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1852.5 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used (interpolated): f = 1852.5 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.789 mW/g

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.814 mW/g



0 dB = 0.814mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.6°C

Date/Time: 2009-03-11 10:24:24Date/Time: 2009-03-11 10:31:05

P1528_OET65-LeftHandSide-UMTS-FDD-II

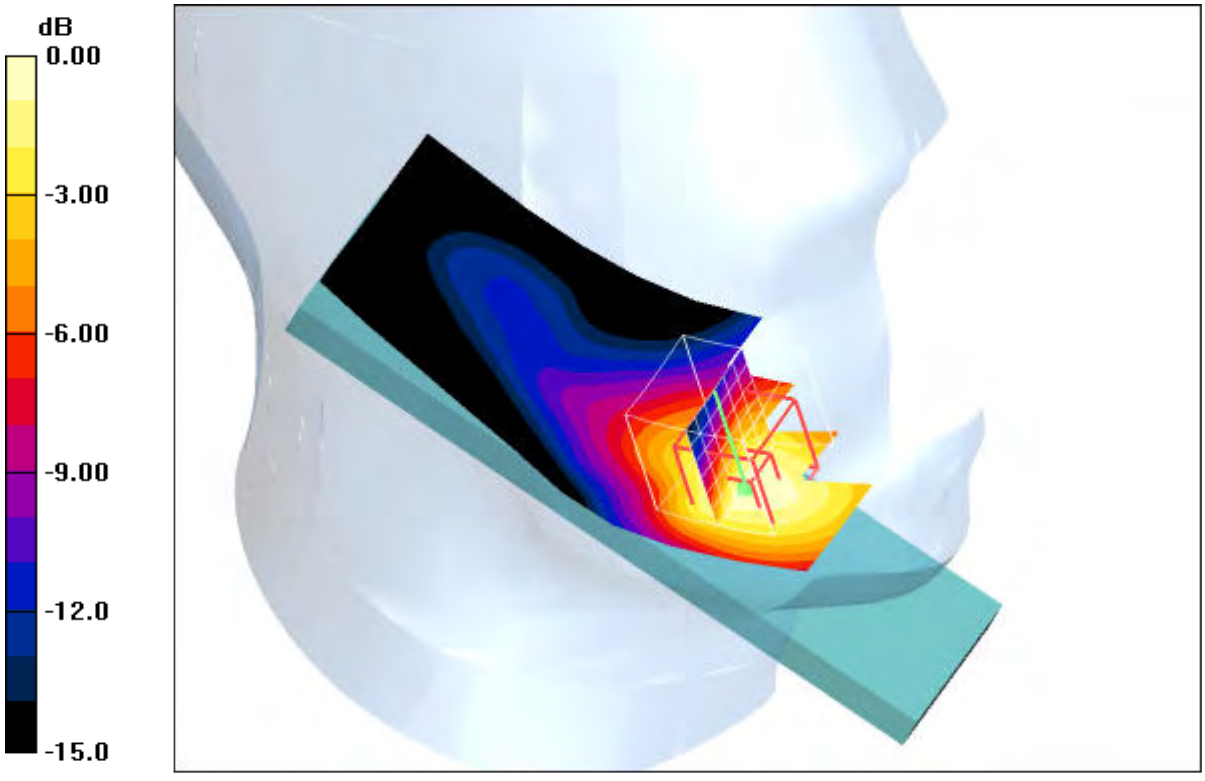
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.730 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.762 mW/g



0 dB = 0.762mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.1°C; liquid temperature: 21.6°C

Date/Time: 2009-03-11 11:16:42Date/Time: 2009-03-11 11:37:13

P1528_OET65-LeftHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.753 mW/g

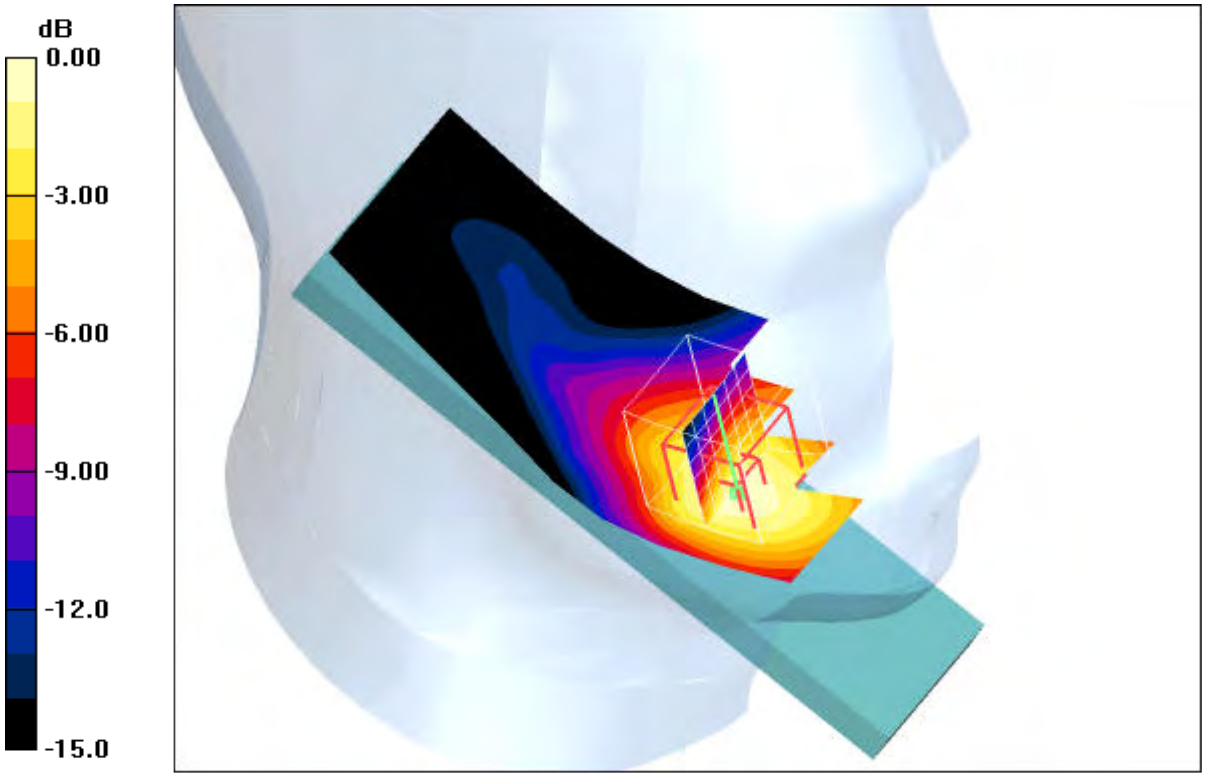
Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.441 mW/g

Maximum value of SAR (measured) = 0.778 mW/g



0 dB = 0.778mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.1°C; liquid temperature: 21.6°C

Date/Time: 2009-03-11 13:08:48Date/Time: 2009-03-11 13:15:28Date/Time: 2009-03-11 13:26:44

P1528_OET65-LeftHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD II; Frequency: 1852.5 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated): f = 1852.5 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.122 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.18 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.068 mW/g

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

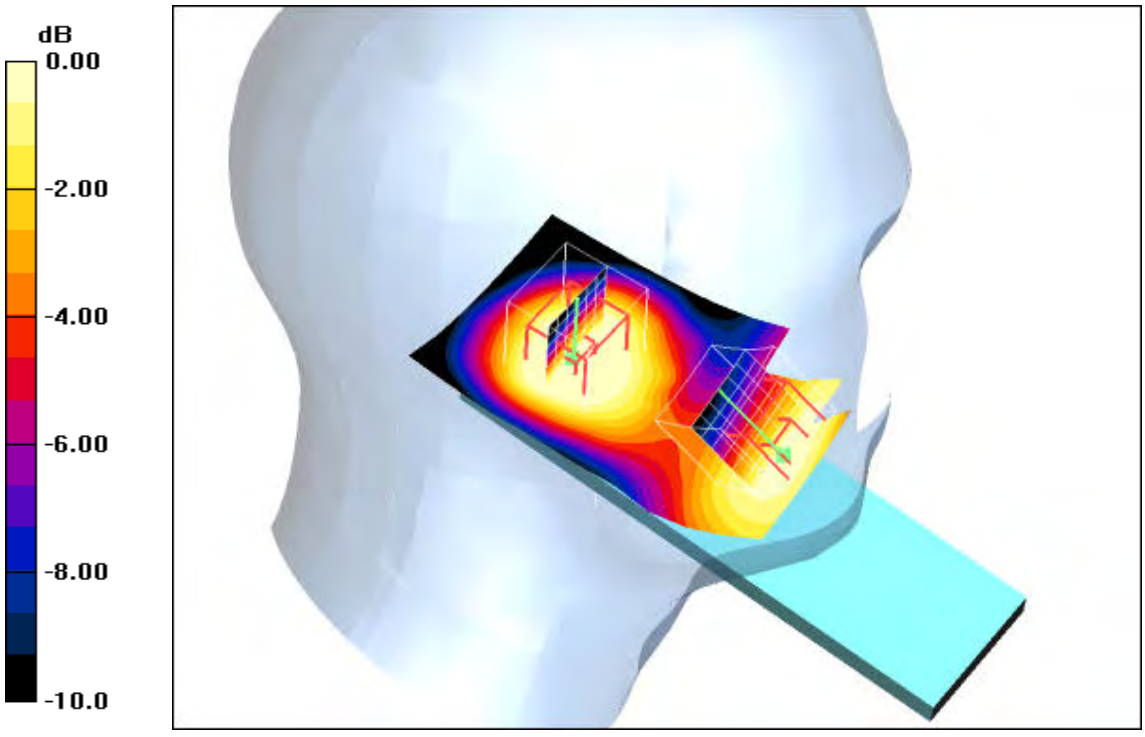
Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.18 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.092 mW/g



0 dB = 0.092mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.2°C; liquid temperature: 21.5°C

Date/Time: 2009-03-11 12:37:02Date/Time: 2009-03-11 12:43:38Date/Time: 2009-03-11 12:54:55

P1528_OET65-LeftHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

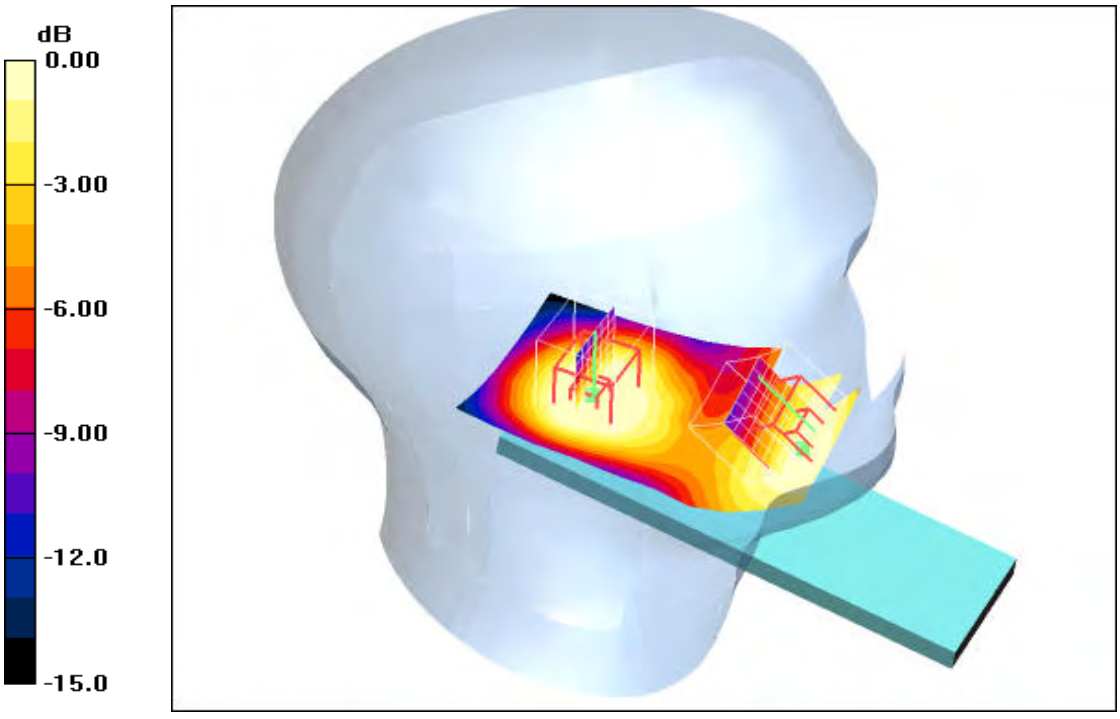
Maximum value of SAR (interpolated) = 0.113 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.85 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.155 W/kg
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.102 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.85 V/m; Power Drift = -0.108 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



0 dB = 0.083mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.2°C; liquid temperature: 21.5°C

Date/Time: 2009-03-11 11:56:57Date/Time: 2009-03-11 12:03:30Date/Time: 2009-03-11 12:14:47

P1528_OET65-LeftHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.30 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.090 mW/g

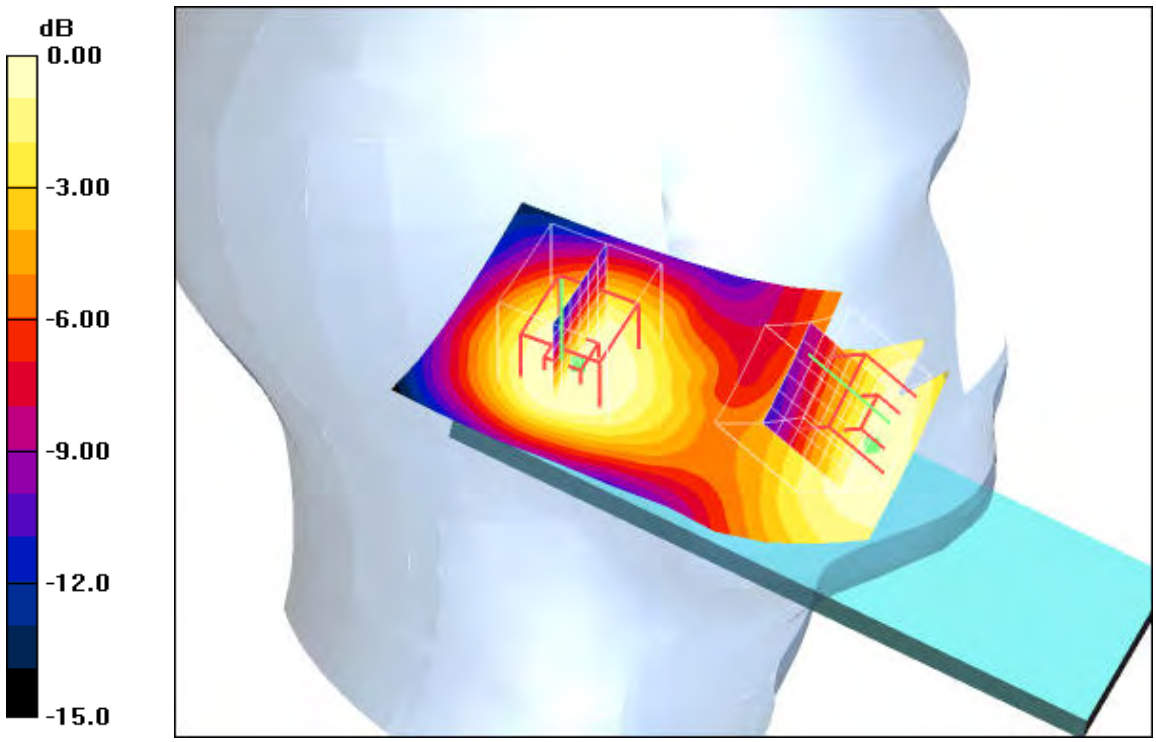
Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.30 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.079mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.3°C; liquid temperature: 21.5°C

Date/Time: 2009-03-11 16:26:07Date/Time: 2009-03-11 16:34:06

P1528_OET65-RightHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

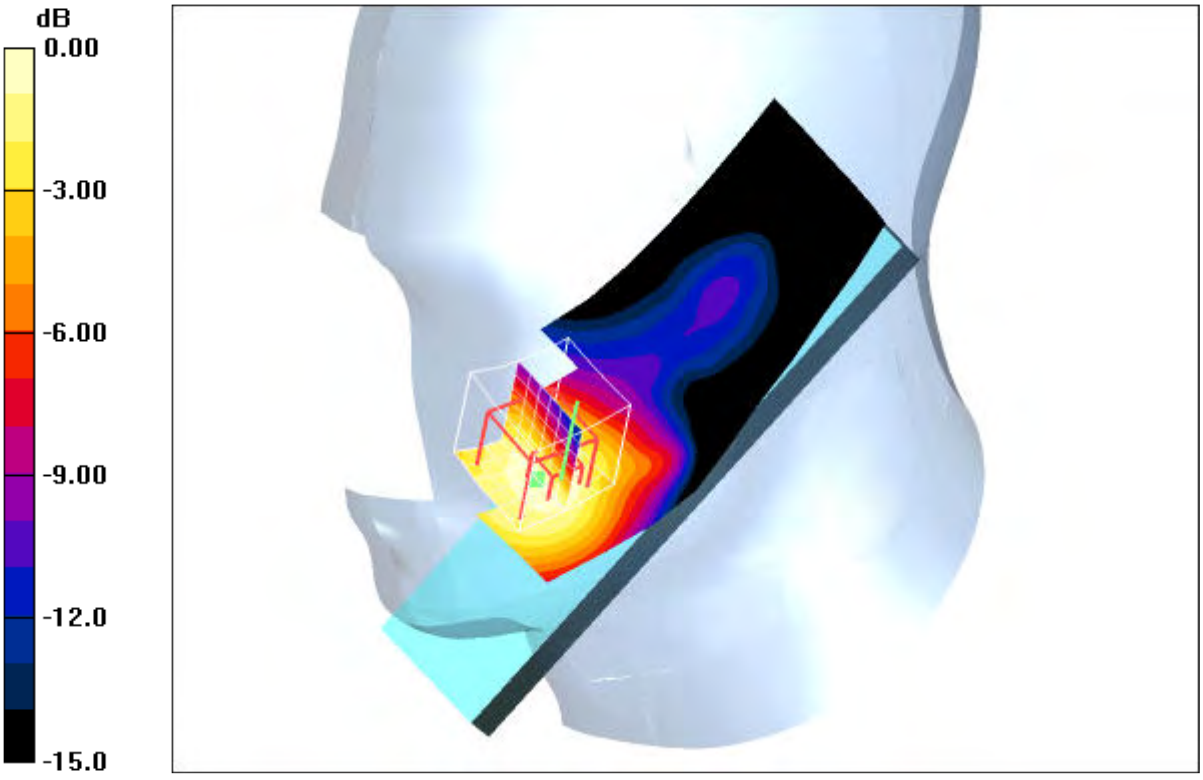
Communication System: WCDMA FDD II; Frequency: 1852.5 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used (interpolated): f = 1852.5 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.733 mW/g

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.440 mW/g
Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.743mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.4°C; liquid temperature: 21.3°C

Date/Time: 2009-03-11 16:01:45Date/Time: 2009-03-11 16:08:26

P1528_OET65-RightHandSide-UMTS-FDD-II

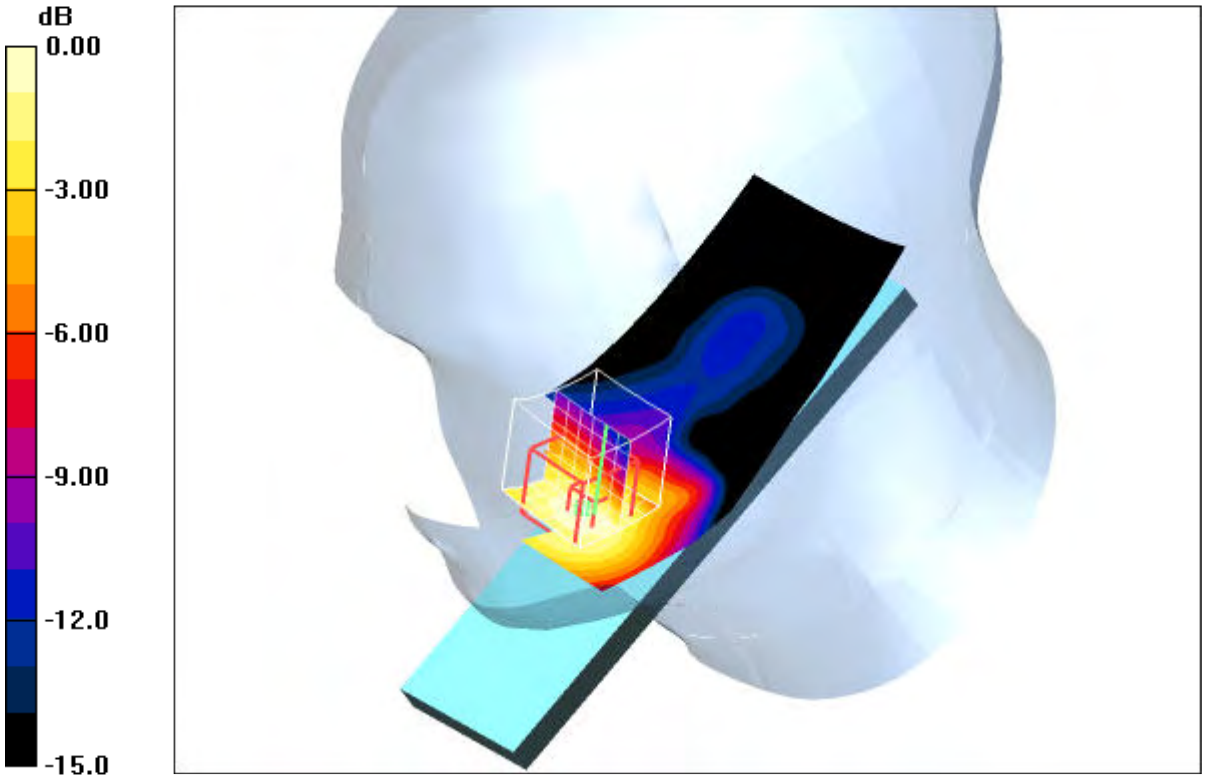
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.637 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.685 mW/g



0 dB = 0.685mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.4°C; liquid temperature: 21.3°C

Date/Time: 2009-03-11 15:39:45Date/Time: 2009-03-11 15:46:24

P1528_OET65-RightHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

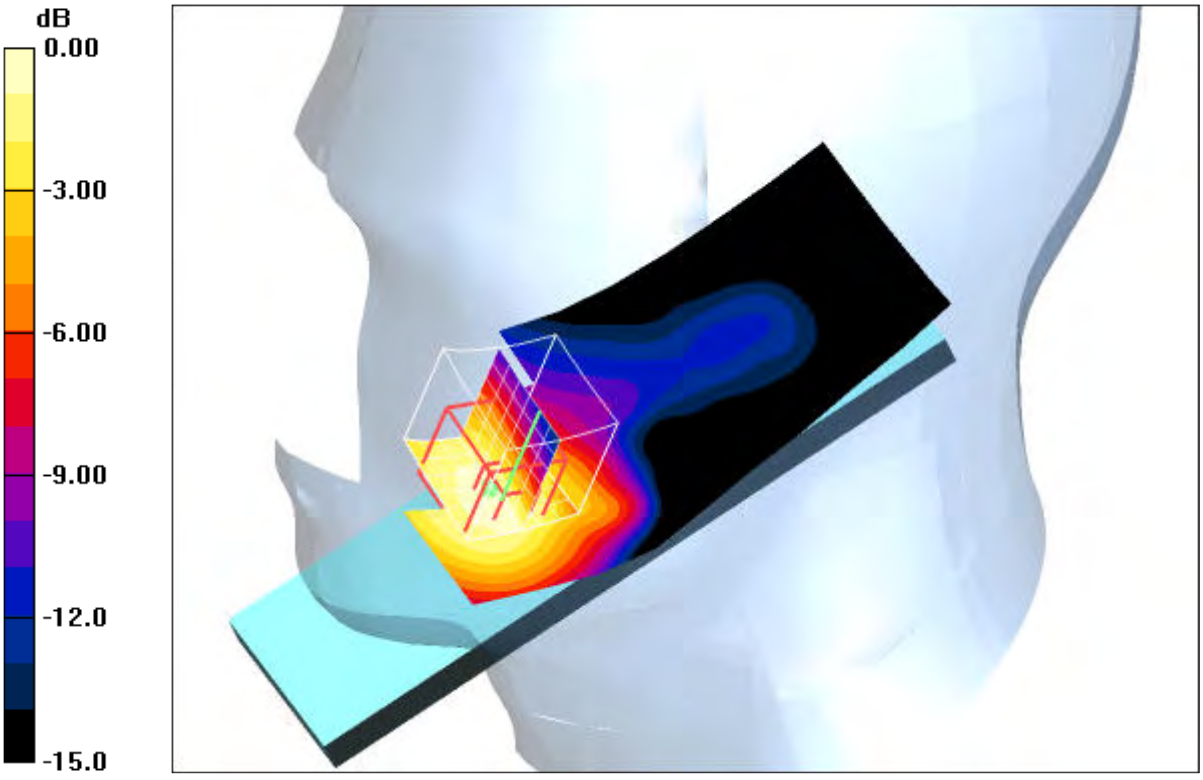
Communication System: WCDMA FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.609 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.379 mW/g
Maximum value of SAR (measured) = 0.664 mW/g



0 dB = 0.664mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.4°C; liquid temperature: 21.3°C

Date/Time: 2009-03-11 13:45:48Date/Time: 2009-03-11 14:06:09

P1528_OET65-RightHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

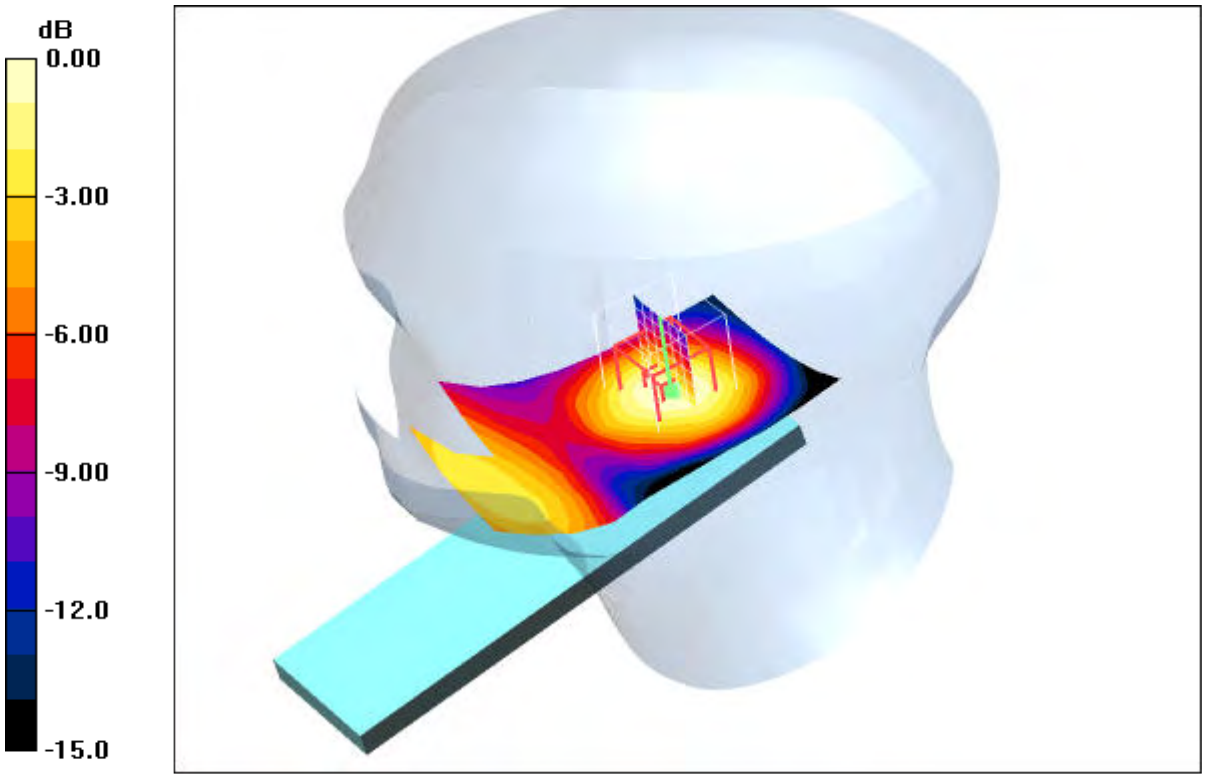
Communication System: WCDMA FDD II; Frequency: 1852.5 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used (interpolated): f = 1852.5 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.163 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



0 dB = 0.151mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.3°C; liquid temperature: 21.4°C

Date/Time: 2009-03-11 14:19:49Date/Time: 2009-03-11 14:26:16

P1528_OET65-RightHandSide-UMTS-FDD-II

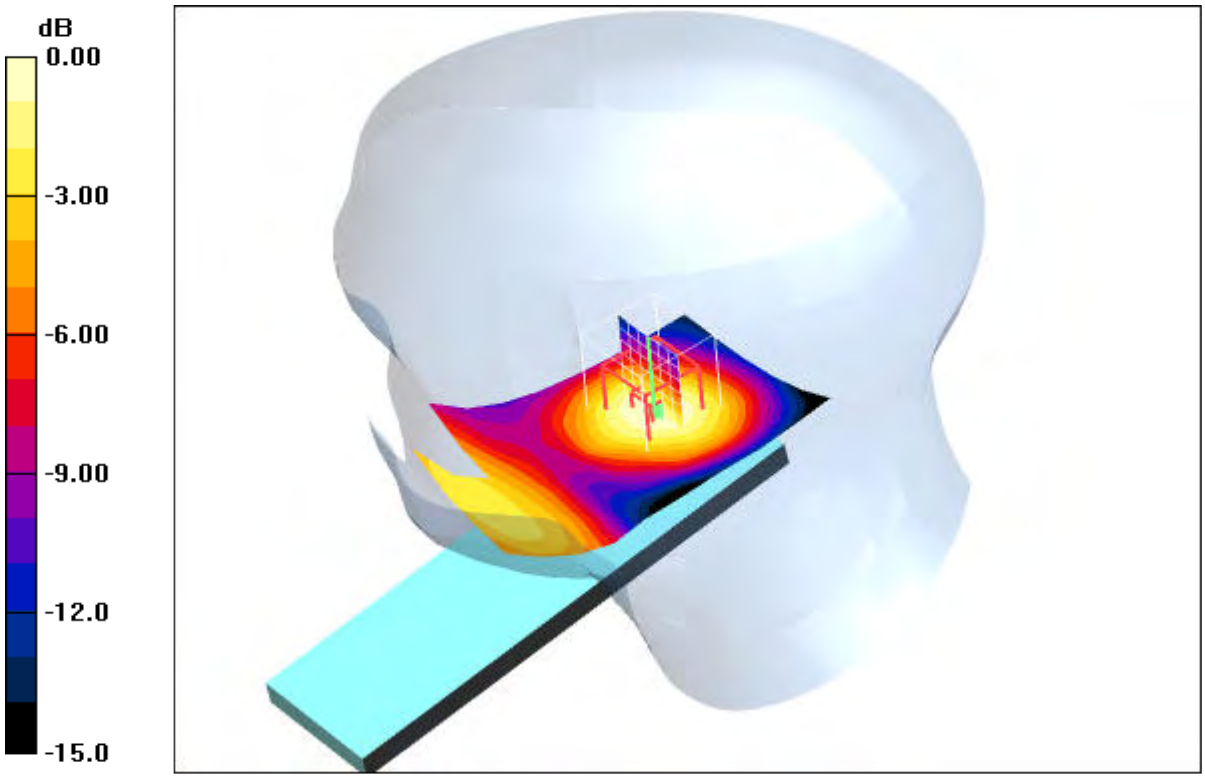
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.67 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.128 mW/g



0 dB = 0.128mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.3°C; liquid temperature: 21.4°C

Date/Time: 2009-03-11 14:49:54Date/Time: 2009-03-11 15:12:12Date/Time: 2009-03-11 15:25:17

P1528_OET65-RightHandSide-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.39 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.96, 4.96, 4.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.119 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.73 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.109 mW/g

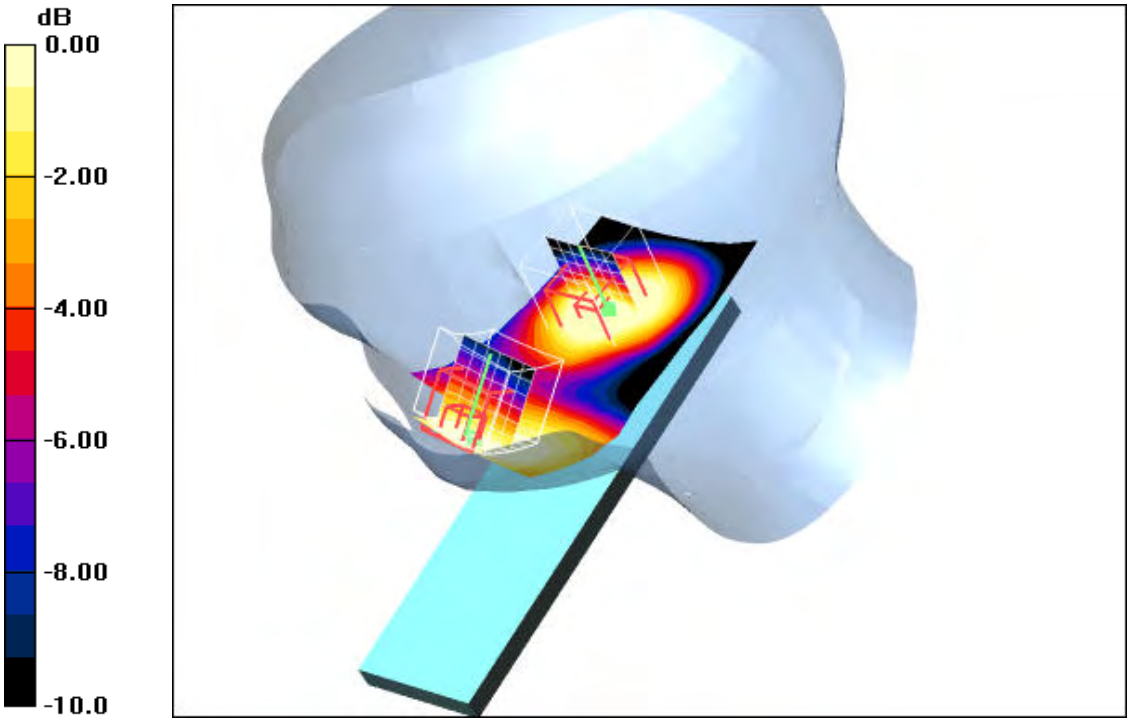
Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.73 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g

Additional information:

position or distance of DUT to SAM (if not standard head positions) :

ambient temperature: 22.3°C; liquid temperature: 21.4°C

Annex 2.6 UMTS (WCDMA) FDD II 1850 MHz body

Date/Time: 2009-03-12 18:17:34Date/Time: 2009-03-12 18:23:36Date/Time: 2009-03-12 18:35:19

P1528_OET65-Body-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD II; Frequency: 1852.5 MHz; Duty Cycle: 1:1

Medium: M1900 Medium parameters used (interpolated): f = 1852.5 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.224 mW/g

Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.221 mW/g

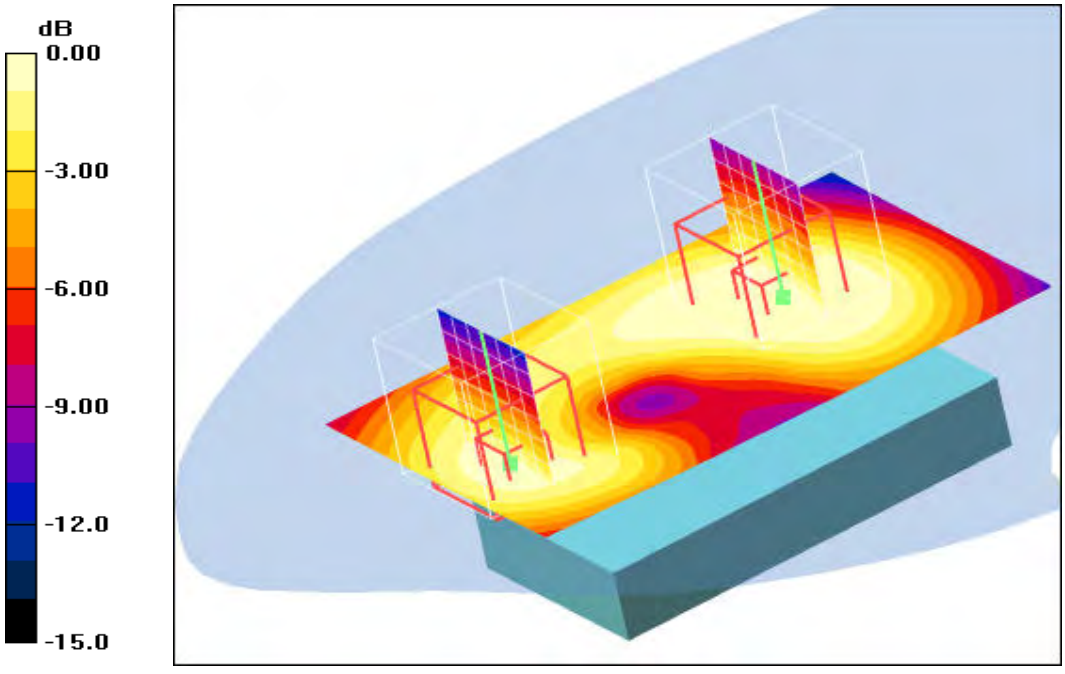
Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.190 mW/g



0 dB = 0.190mW/g

Additional information:

position or distance of DUT to SAM : 15 mm ambient temperature: 22.8°C; liquid temperature: 21.1°C

Date/Time: 2009-03-12 17:45:40Date/Time: 2009-03-12 17:51:39Date/Time: 2009-03-12 18:03:23

P1528_OET65-Body-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: M1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

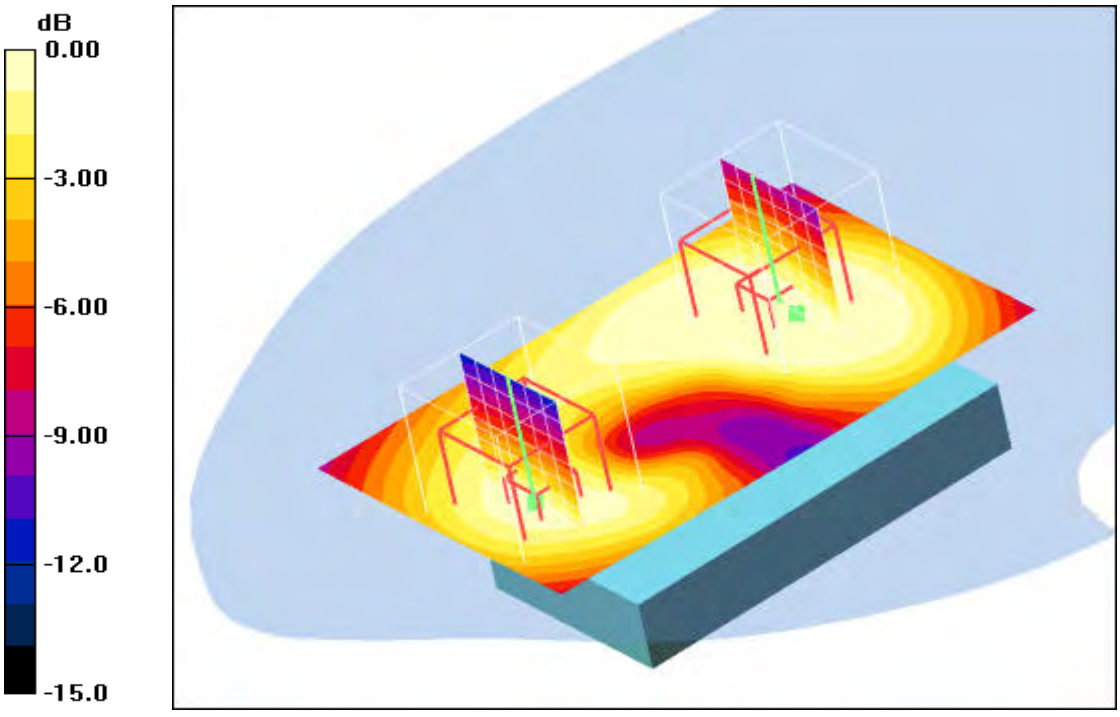
Maximum value of SAR (interpolated) = 0.224 mW/g

Front position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.221 mW/g

Front position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.7 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.249 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

Additional information:
position or distance of DUT to SAM : 15 mm
ambient temperature: 22.8°C; liquid temperature: 21.1°C

Date/Time: 2009-03-12 17:05:35Date/Time: 2009-03-12 17:11:30Date/Time: 2009-03-12 17:23:25

P1528_OET65-Body-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: M1900 Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

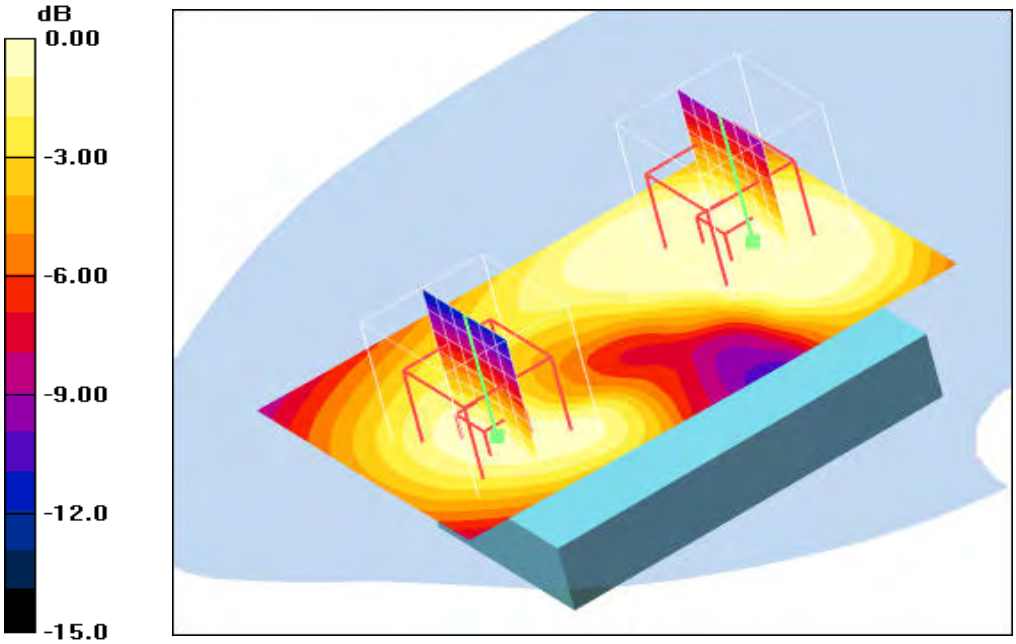
Maximum value of SAR (interpolated) = 0.202 mW/g

Front position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.281 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.115 mW/g
Maximum value of SAR (measured) = 0.189 mW/g

Front position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

Additional information:
position or distance of DUT to SAM : 15 mm
ambient temperature: 22.8°C; liquid temperature: 21.1°C

Date/Time: 2009-03-12 15:00:19Date/Time: 2009-03-12 15:06:31Date/Time: 2009-03-12 15:18:12

P1528_OET65-Body-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1852.5 MHz;Duty Cycle: 1:1
Medium: M1900 Medium parameters used (interpolated): f = 1852.5 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

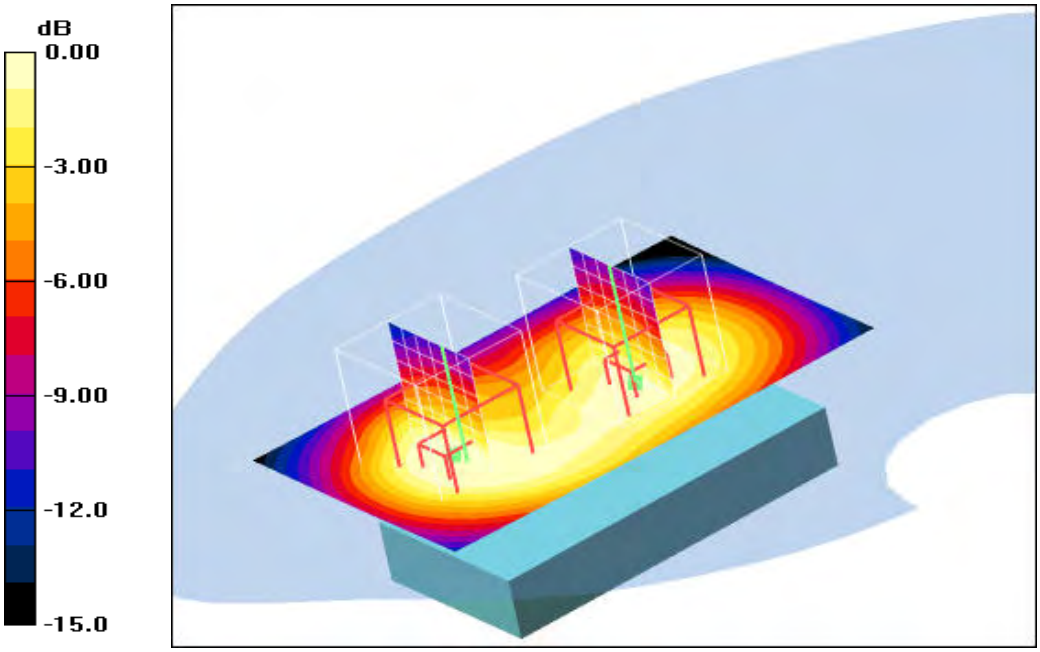
Maximum value of SAR (interpolated) = 0.646 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.671 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 0.542 mW/g



0 dB = 0.542mW/g

Additional information:
position or distance of DUT to SAM : 15 mm
ambient temperature: 22.8°C; liquid temperature: 21.1°C

Date/Time: 2009-03-12 15:34:11Date/Time: 2009-03-12 15:40:01Date/Time: 2009-03-12 15:51:43

P1528_OET65-Body-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: M1900 Medium parameters used: f = 1880 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

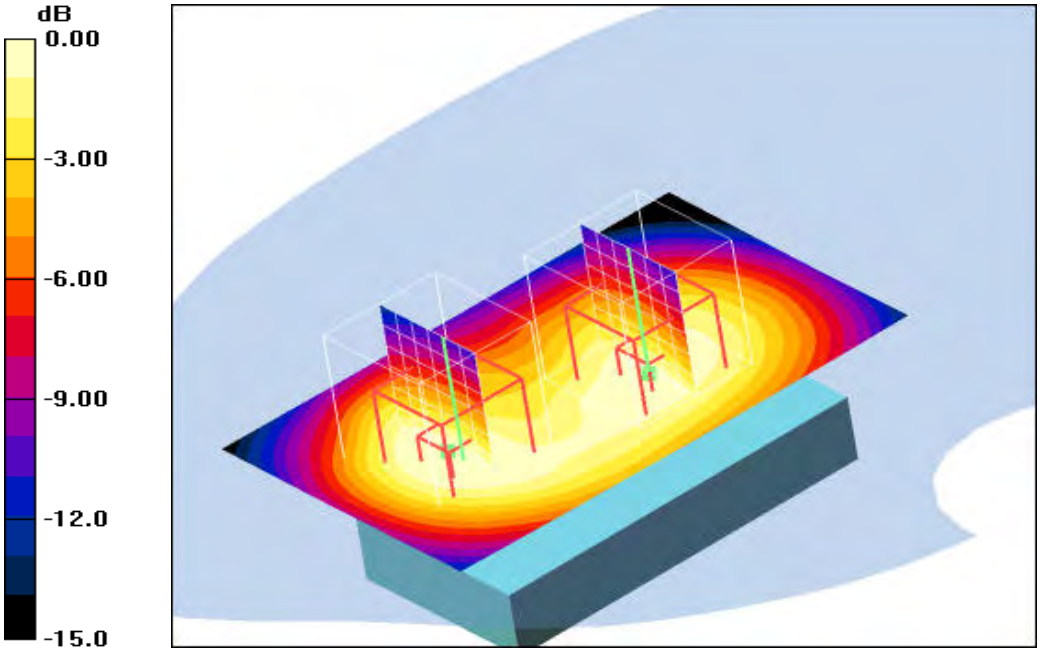
Maximum value of SAR (interpolated) = 0.614 mW/g

Rear position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.957 W/kg
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.333 mW/g
Maximum value of SAR (measured) = 0.608 mW/g

Rear position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.516mW/g

Additional information:
position or distance of DUT to SAM : 15 mm
ambient temperature: 22.8°C; liquid temperature: 21.1°C

Date/Time: 2009-03-12 16:32:02Date/Time: 2009-03-12 16:37:53Date/Time: 2009-03-12 16:49:25

P1528_OET65-Body-UMTS-FDD-II

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD II; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1900 Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.48 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(4.39, 4.39, 4.39); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

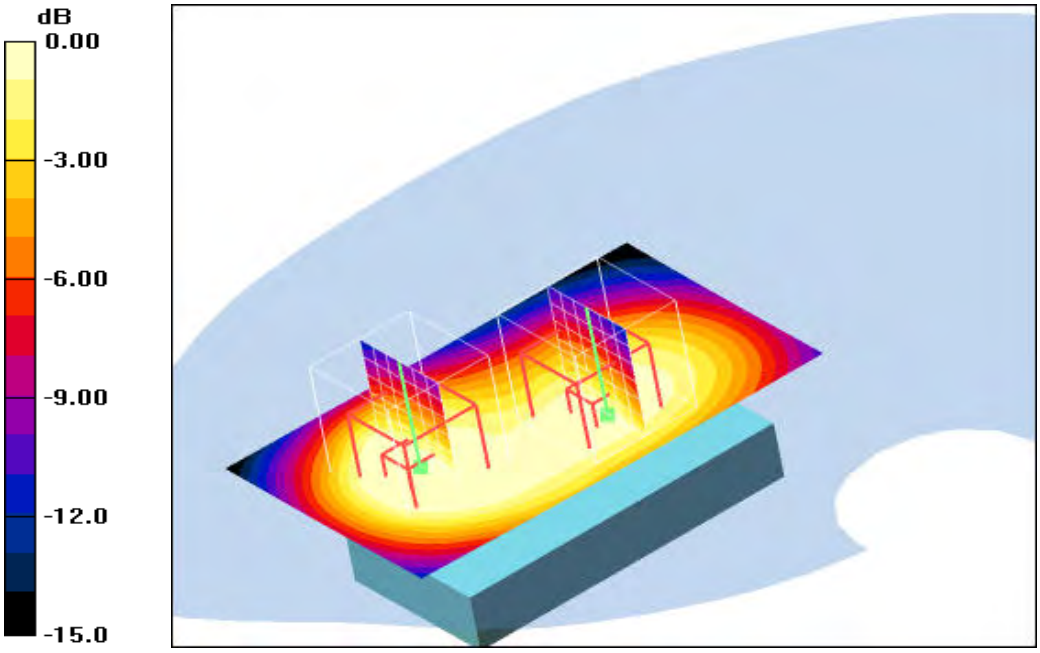
Maximum value of SAR (interpolated) = 0.696 mW/g

Rear position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.365 mW/g
Maximum value of SAR (measured) = 0.654 mW/g

Rear position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.456 mW/g



0 dB = 0.456mW/g

Additional information:
position or distance of DUT to SAM : 15 mm
ambient temperature: 22.8°C; liquid temperature: 21.1°C

Annex 2.7 UMTS (WCDMA) FDD V 850 MHz head

Date/Time: 2009-03-09 17:32:14Date/Time: 2009-03-09 17:38:57

P1528_OET65-LeftHandSide-UMTS-FDD-V

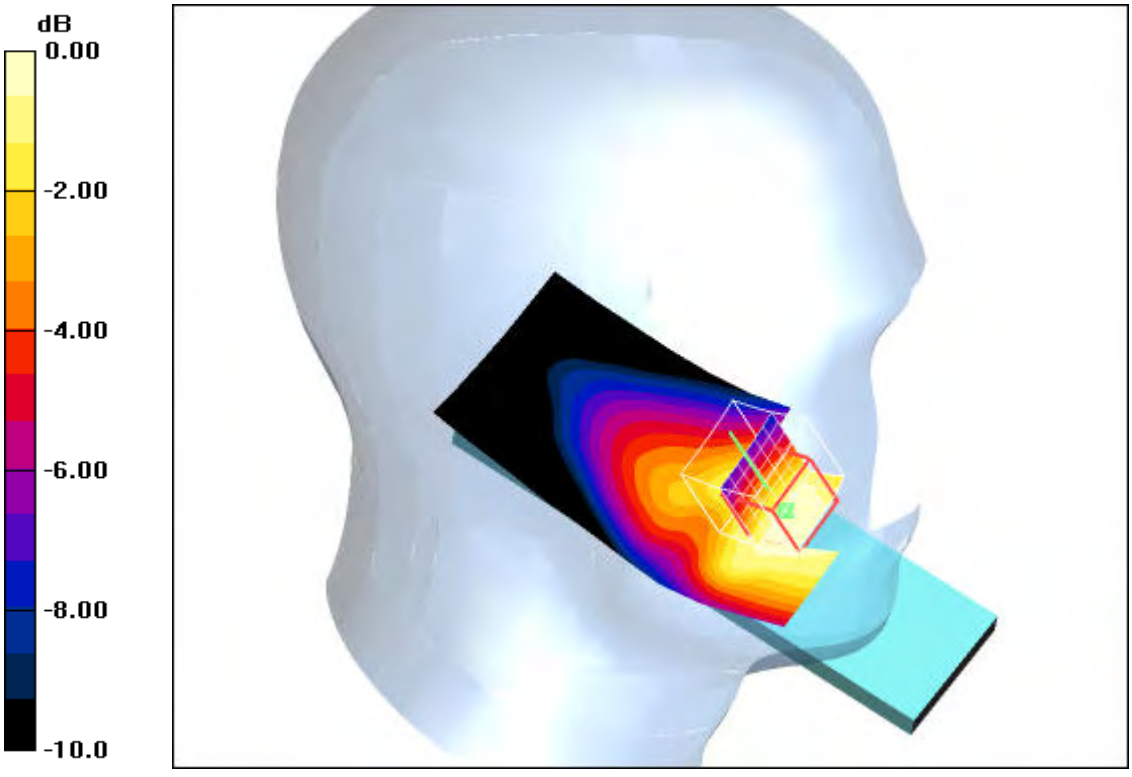
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.5 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.622 W/kg
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.392mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 17:55:28Date/Time: 2009-03-09 18:02:09

P1528_OET65-LeftHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

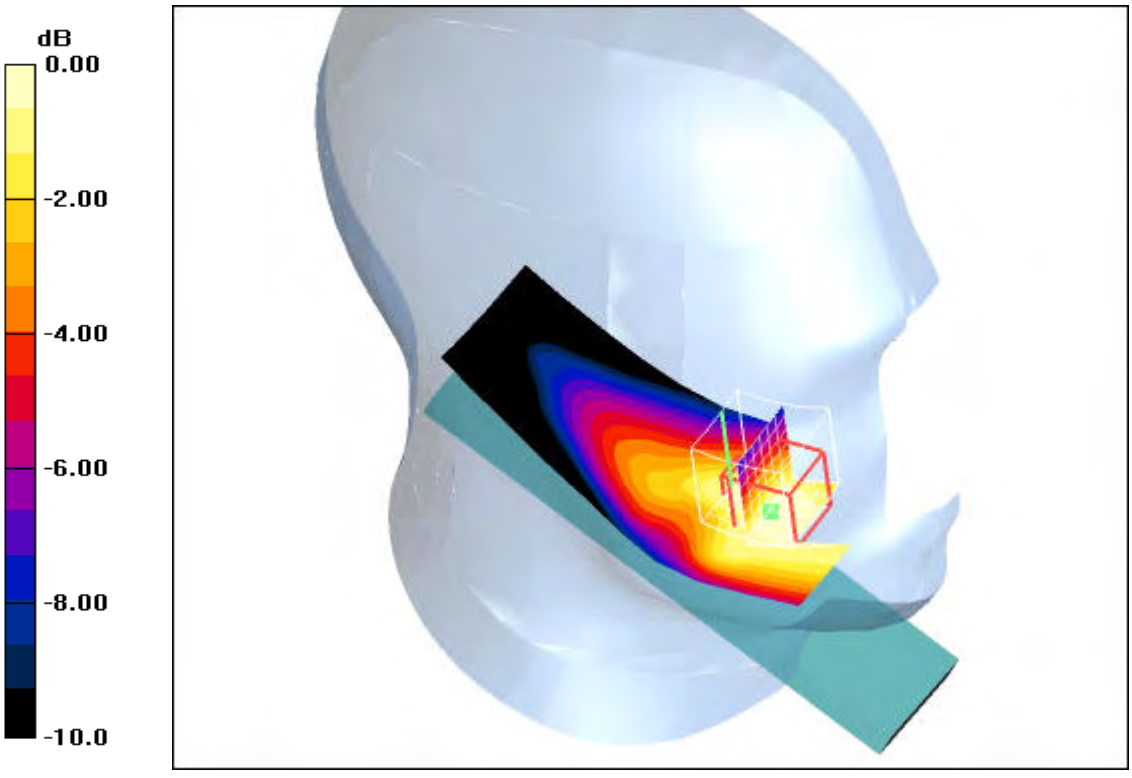
Communication System: WCDMA FDD V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.439 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.7 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 0.747 W/kg
SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.310 mW/g
Maximum value of SAR (measured) = 0.437 mW/g



0 dB = 0.437mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 18:20:05Date/Time: 2009-03-09 18:27:53

P1528_OET65-LeftHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

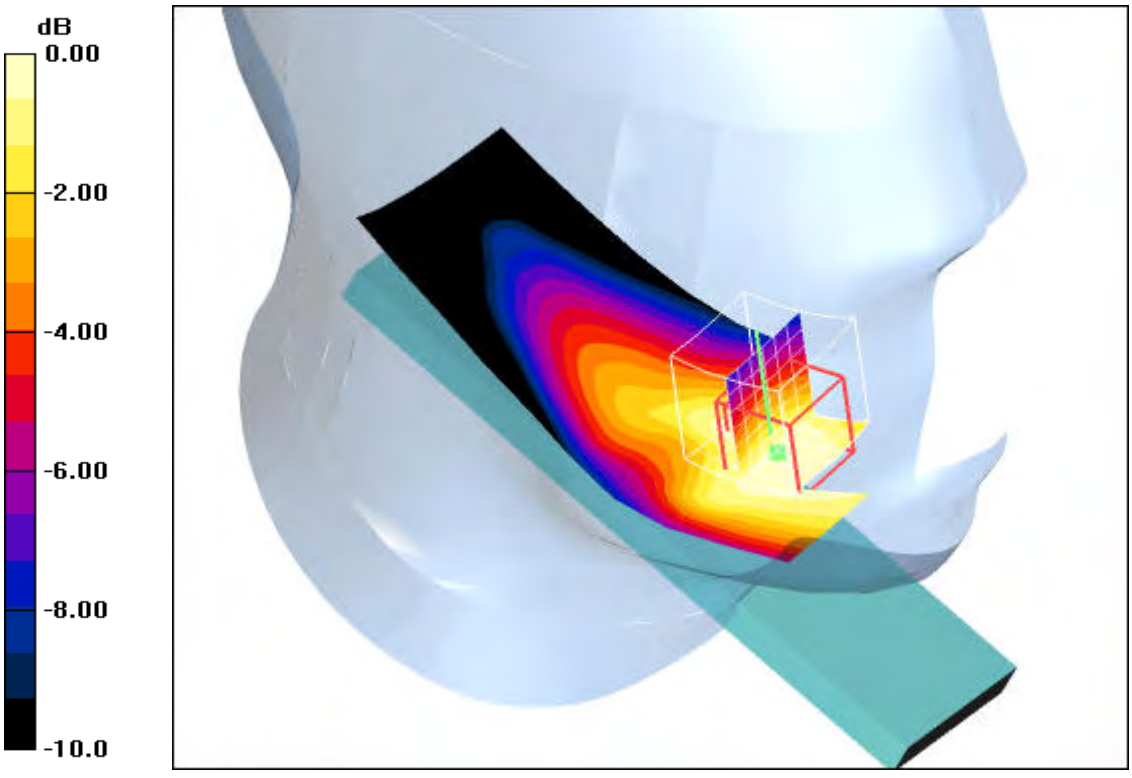
Communication System: WCDMA FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.3 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.497 mW/g



0 dB = 0.497mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 18:47:40Date/Time: 2009-03-09 18:54:12

P1528_OET65-LeftHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

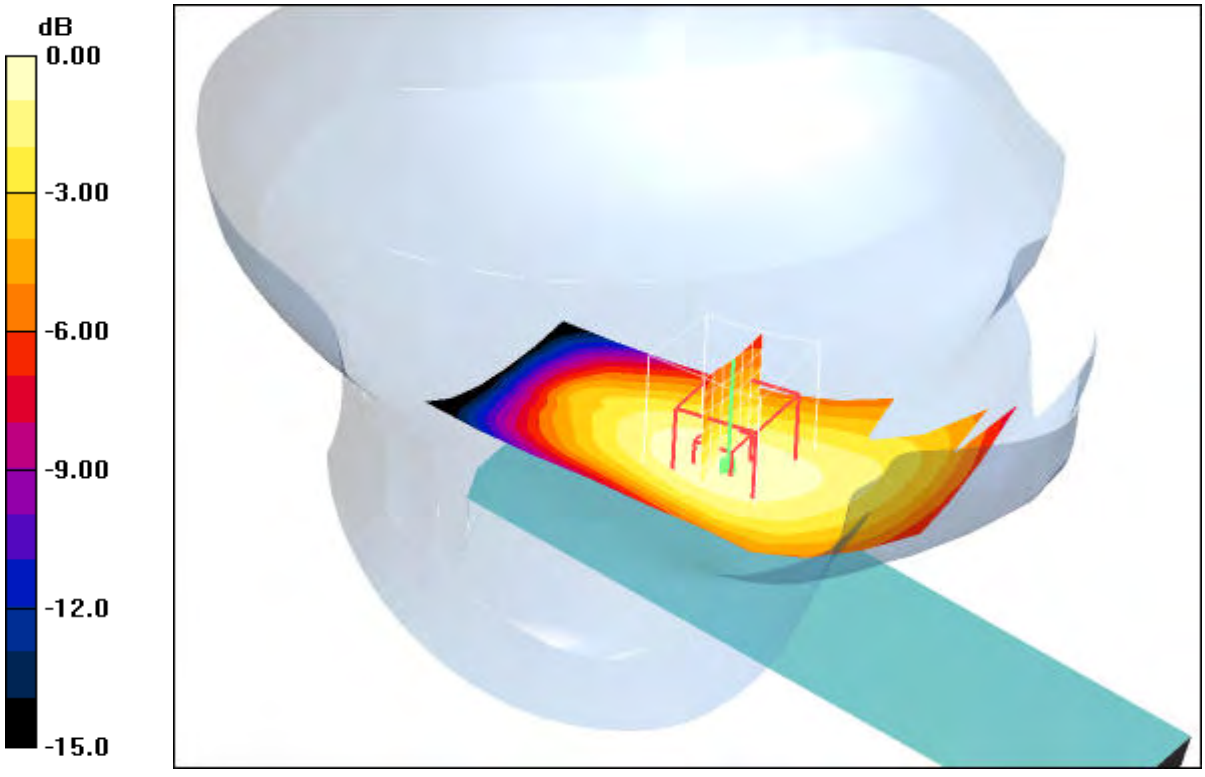
Communication System: WCDMA FDD V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.3°C

Date/Time: 2009-03-09 19:10:53Date/Time: 2009-03-09 19:17:24

P1528_OET65-LeftHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

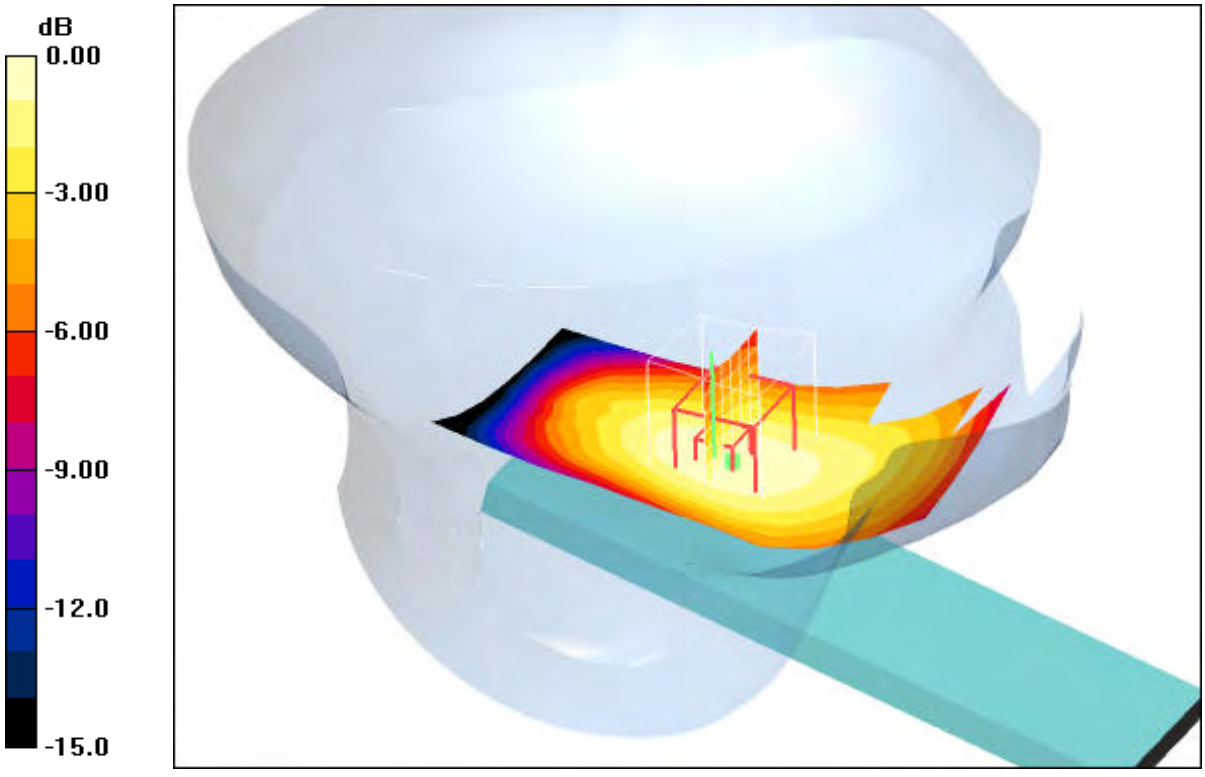
Communication System: WCDMA FDD V; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.236 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.237 mW/g



0 dB = 0.237mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.3°C

Date/Time: 2009-03-09 19:52:27Date/Time: 2009-03-09 19:59:35

P1528_OET65-LeftHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

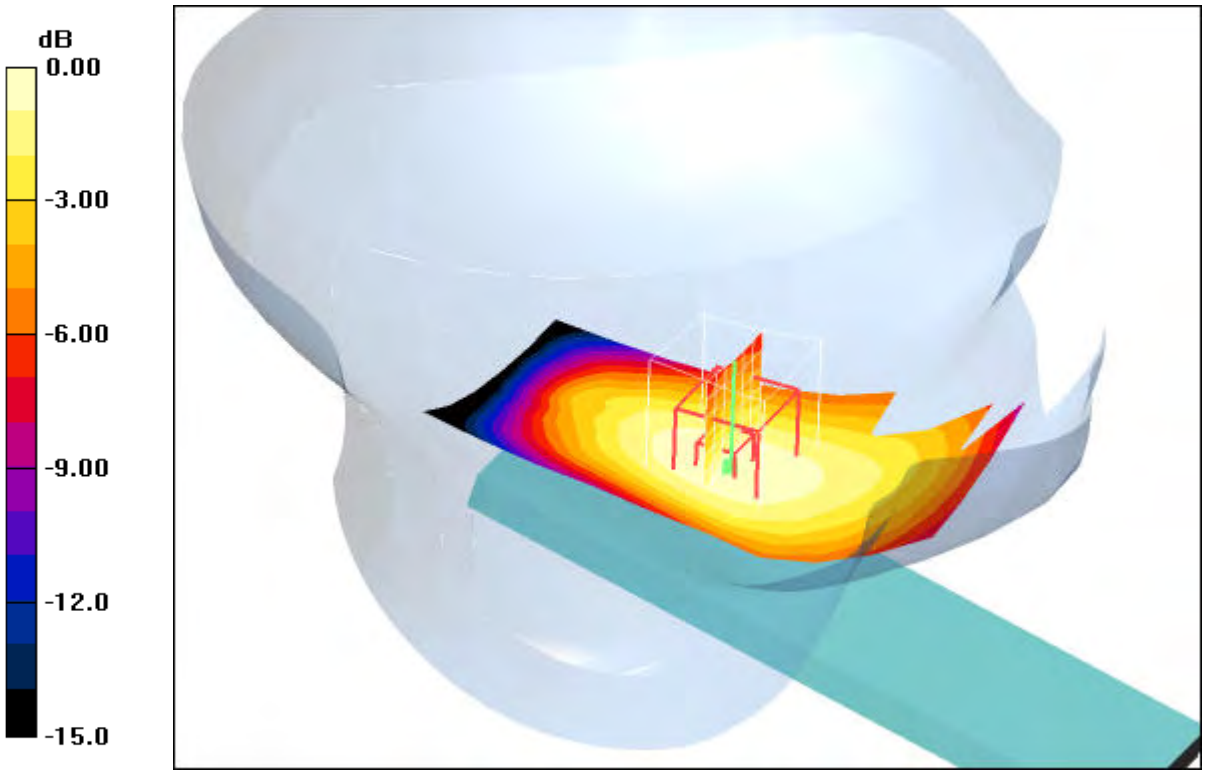
Communication System: WCDMA FDD V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.299 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.7°C; liquid temperature: 21.3°C

Date/Time: 2009-03-09 14:54:28Date/Time: 2009-03-09 15:00:52

P1528_OET65-RightHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

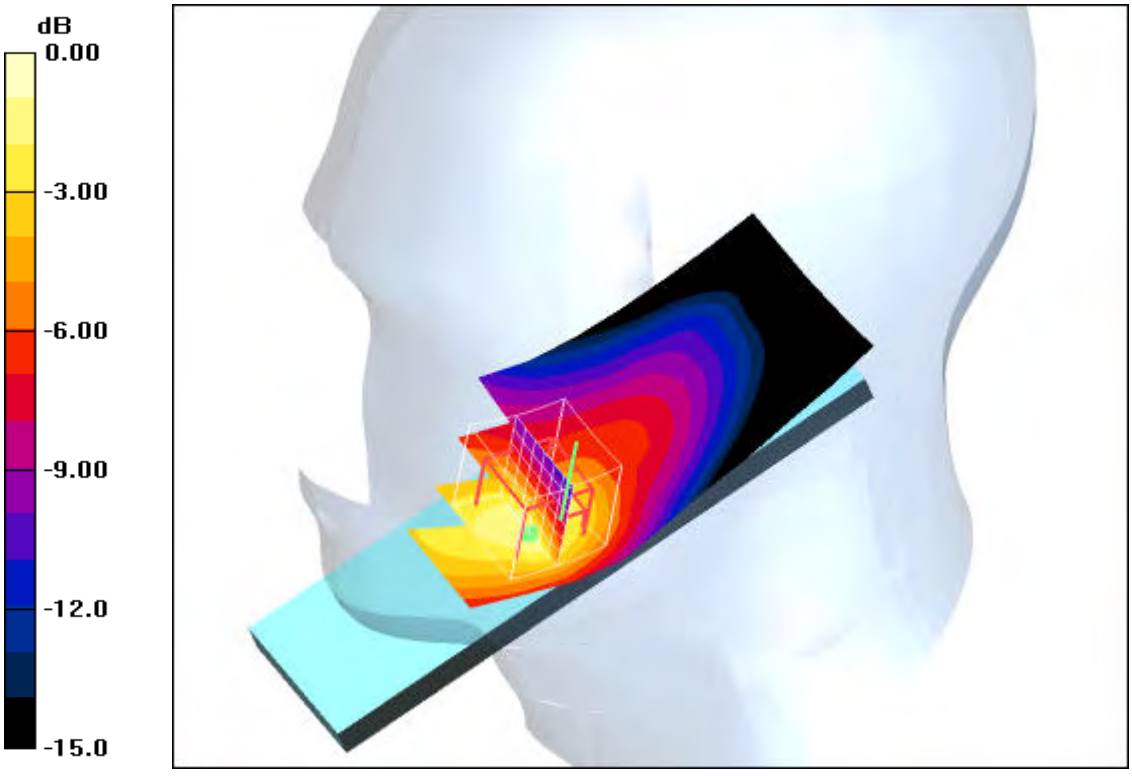
Communication System: WCDMA FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.547 mW/g

Touch position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 2.17 W/kg
SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.348 mW/g
Maximum value of SAR (measured) = 0.712 mW/g



0 dB = 0.712mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.5°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 15:17:55Date/Time: 2009-03-09 15:25:43

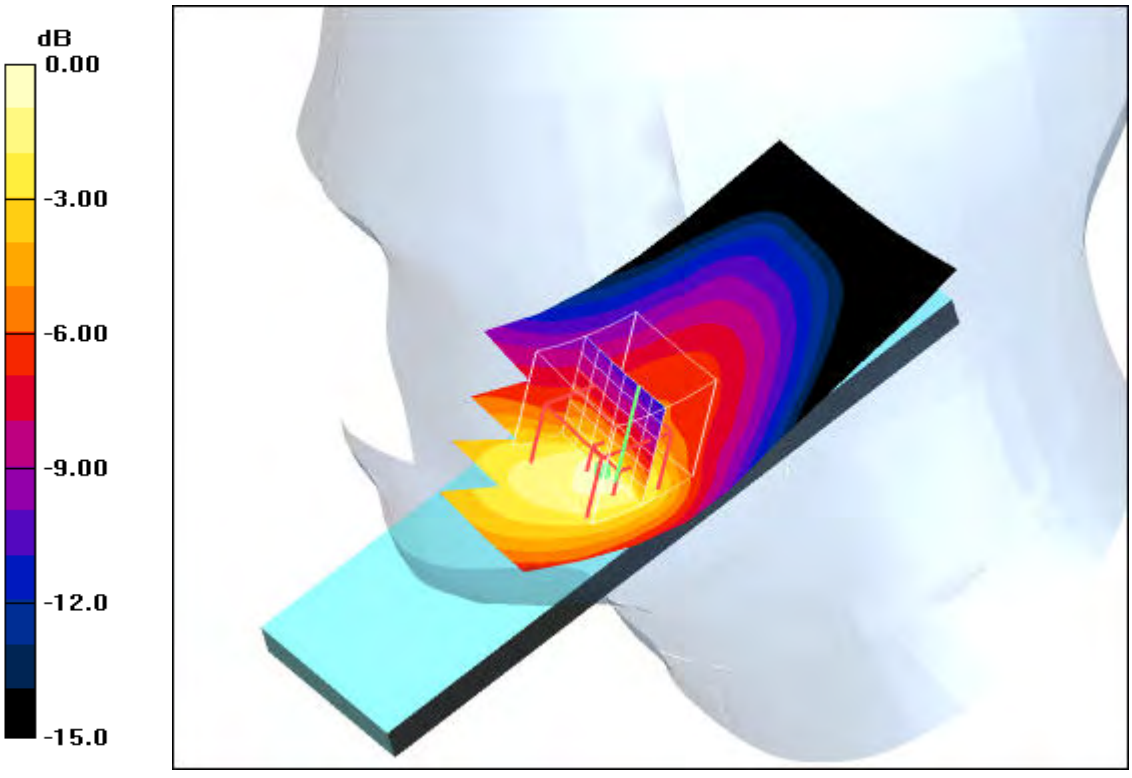
P1528_OET65-RightHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

Communication System: WCDMA FDD V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - Middle/Area Scan (51x91x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.700 mW/g

Touch position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.2 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.392 mW/g
Maximum value of SAR (measured) = 0.769 mW/g



0 dB = 0.769mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.5°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 15:41:02Date/Time: 2009-03-09 15:47:23

P1528_OET65-RightHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

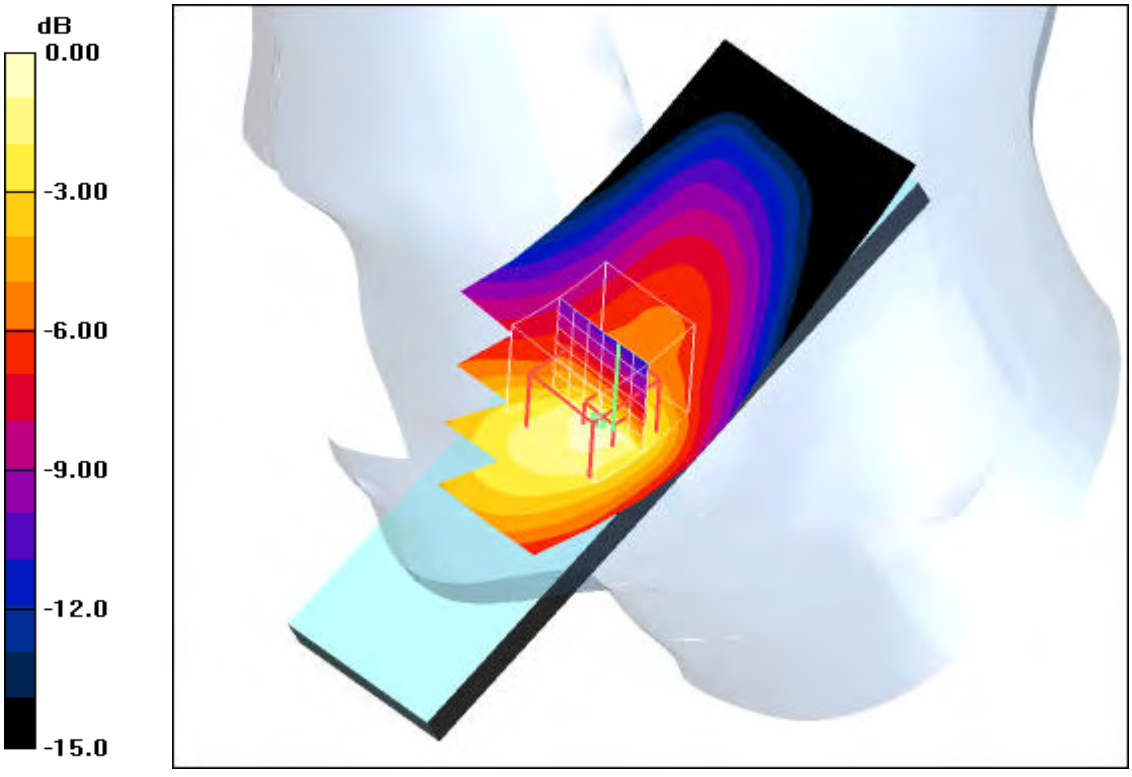
Communication System: WCDMA FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Touch position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.799 mW/g

Touch position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.870 mW/g



0 dB = 0.870mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.5°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 17:01:30Date/Time: 2009-03-09 17:08:08

P1528_OET65-RightHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

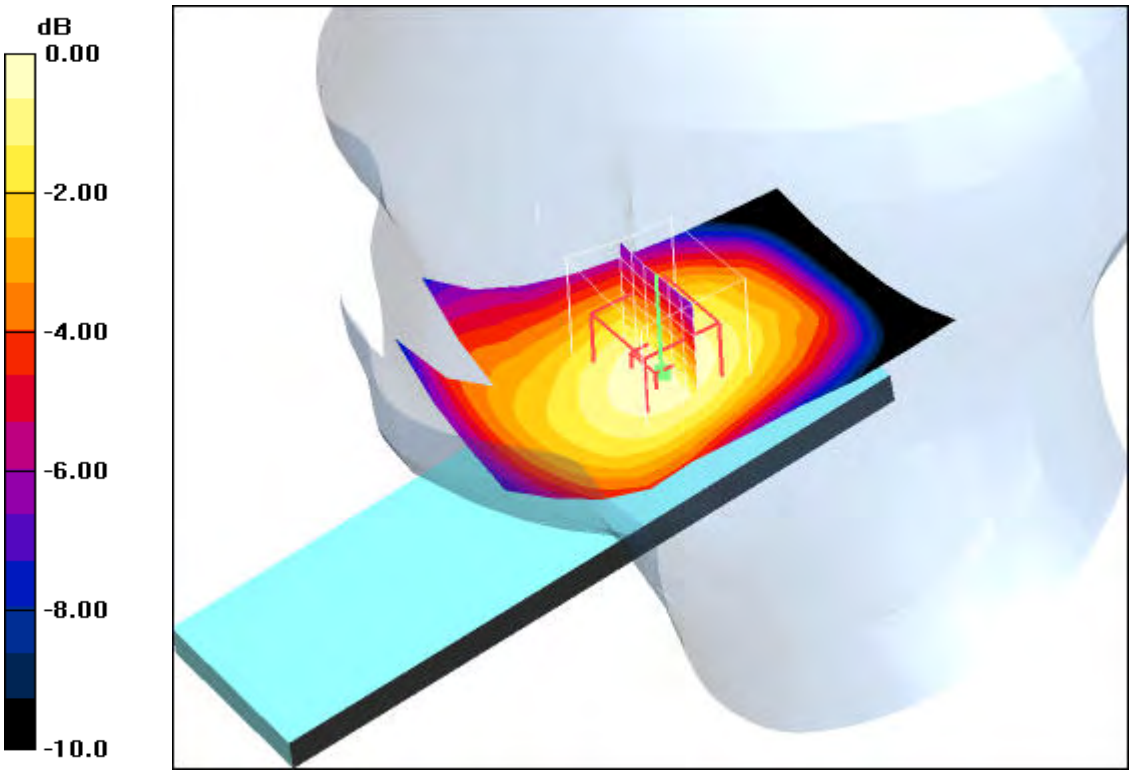
Communication System: WCDMA FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Low/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.198 mW/g

Tilt position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 0.197 mW/g



0 dB = 0.197mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.6°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 16:40:37Date/Time: 2009-03-09 16:47:11

P1528_OET65-RightHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

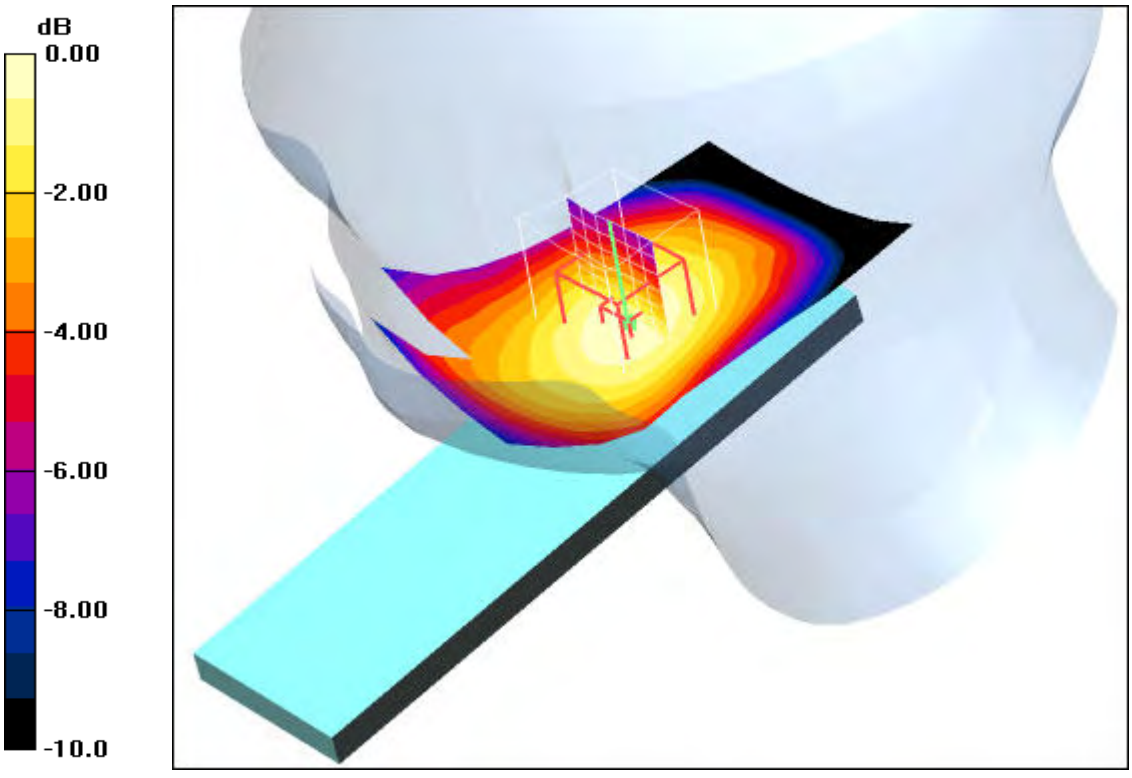
Communication System: WCDMA FDD V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.231 mW/g

Tilt position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.163 mW/g
Maximum value of SAR (measured) = 0.230 mW/g



0 dB = 0.230mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.6°C; liquid temperature: 21.4°C

Date/Time: 2009-03-09 16:02:23Date/Time: 2009-03-09 16:26:04

P1528_OET65-RightHandSide-UMTS-FDD-V

DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX

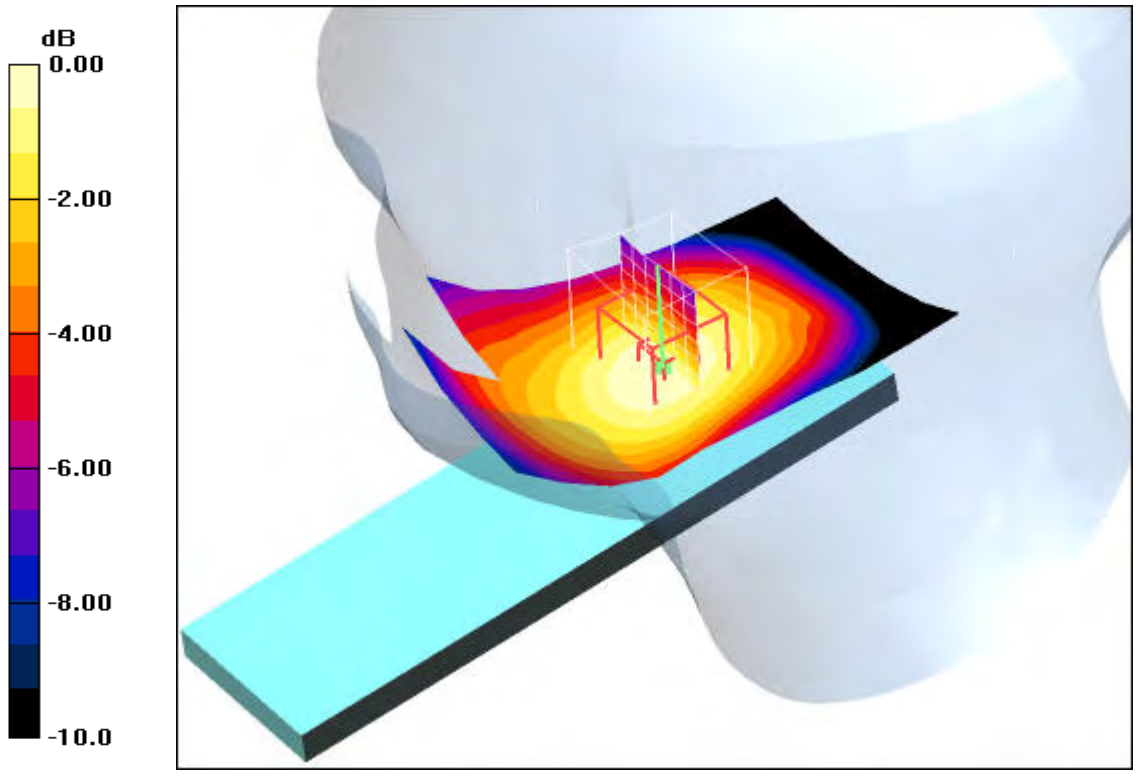
Communication System: WCDMA FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: HSL850 Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.9 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(6.19, 6.19, 6.19); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.266 mW/g

Tilt position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.145 dB
Peak SAR (extrapolated) = 0.318 W/kg
SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.263 mW/g



0 dB = 0.263mW/g

Additional information:
position or distance of DUT to SAM (if not standard head positions) :
ambient temperature: 22.6°C; liquid temperature: 21.4°C

Annex 2.8 UMTS (WCDMA) FDD V 850 MHz body

Date/Time: 2009-03-13 10:45:42Date/Time: 2009-03-13 10:50:18

P1528_OET65-Body-UMTS-FDD-V

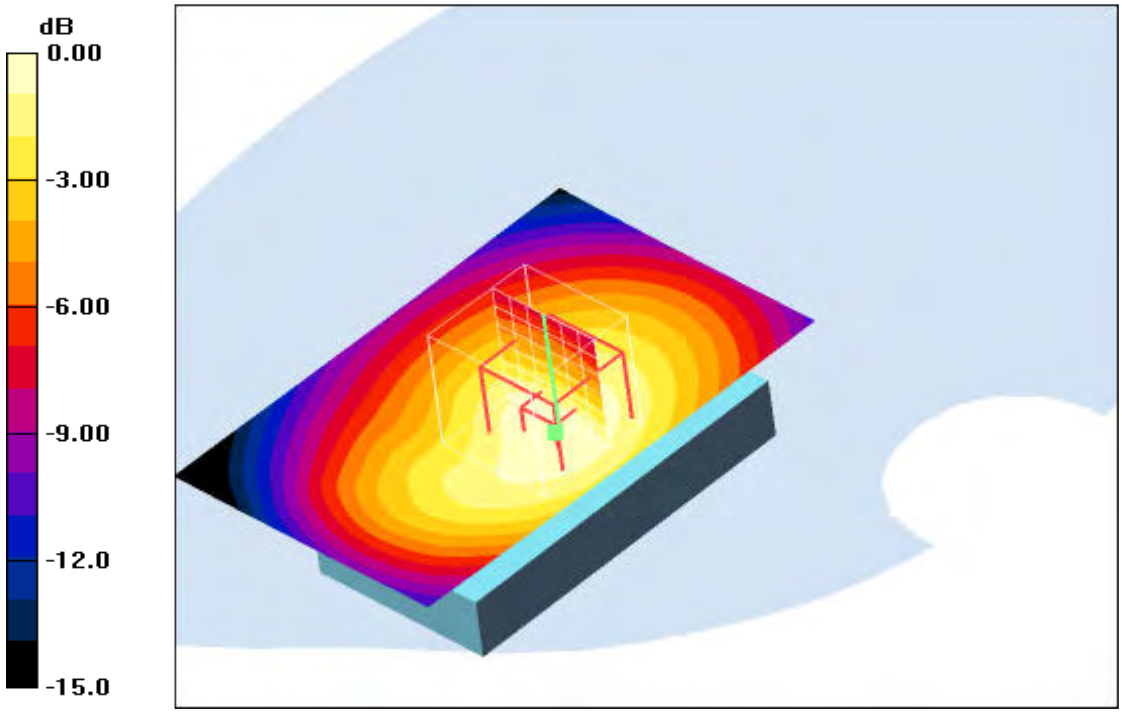
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.406 mW/g

Front position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.350 mW/g



0 dB = 0.317mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 22.7°C; liquid temperature: 21.6°C

Date/Time: 2009-03-13 11:08:18Date/Time: 2009-03-13 11:14:05

P1528_OET65-Body-UMTS-FDD-V

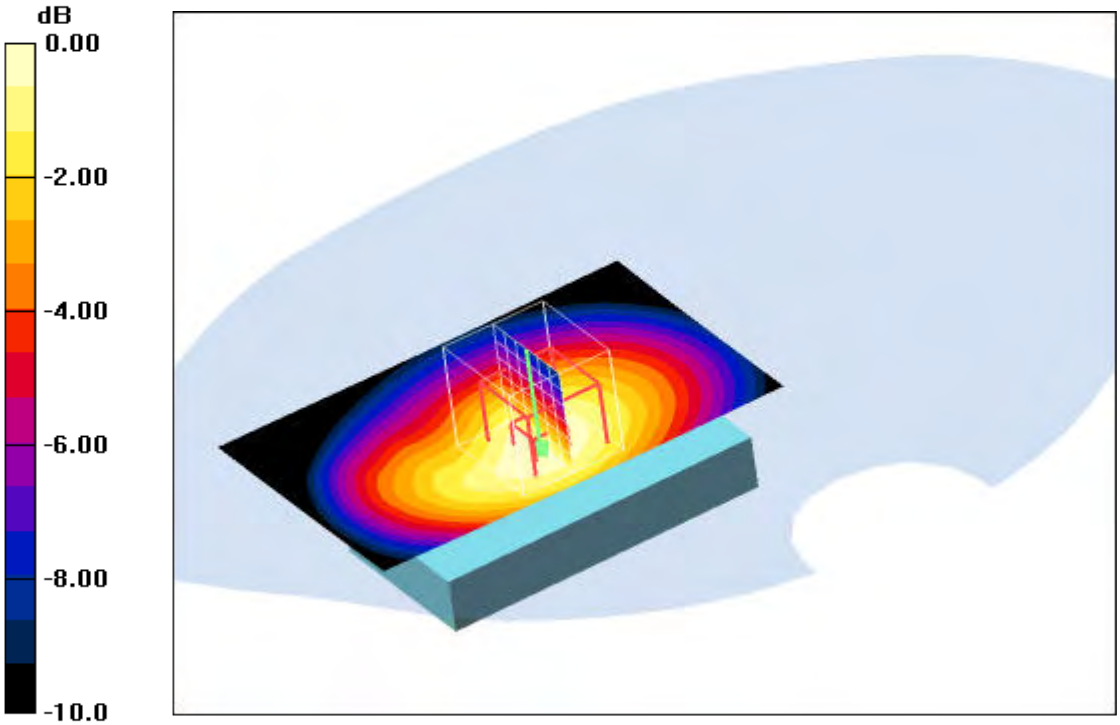
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Front position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.406 W/kg
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.316mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 22.7°C; liquid temperature: 21.6°C

Date/Time: 2009-03-13 11:28:27Date/Time: 2009-03-13 11:34:16

P1528_OET65-Body-UMTS-FDD-V

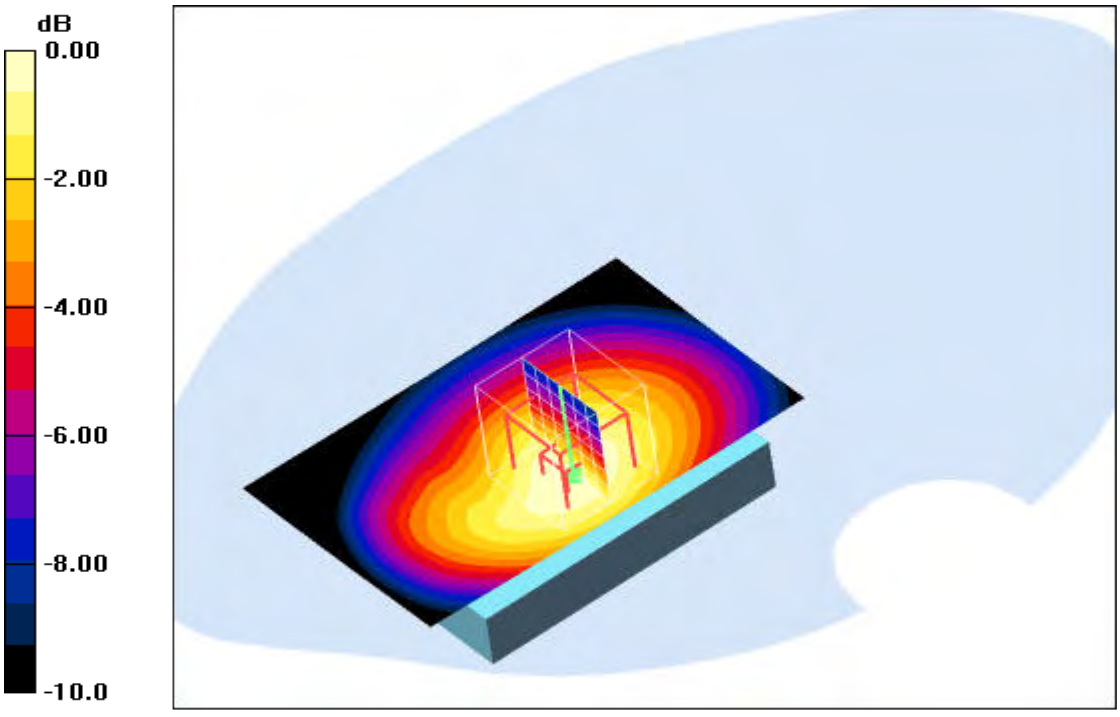
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.339 mW/g

Front position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.216 mW/g
Maximum value of SAR (measured) = 0.333 mW/g



0 dB = 0.333mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 22.7°C; liquid temperature: 21.6°C

Date/Time: 2009-03-13 12:35:28Date/Time: 2009-03-13 12:41:26

P1528_OET65-Body-UMTS-FDD-V

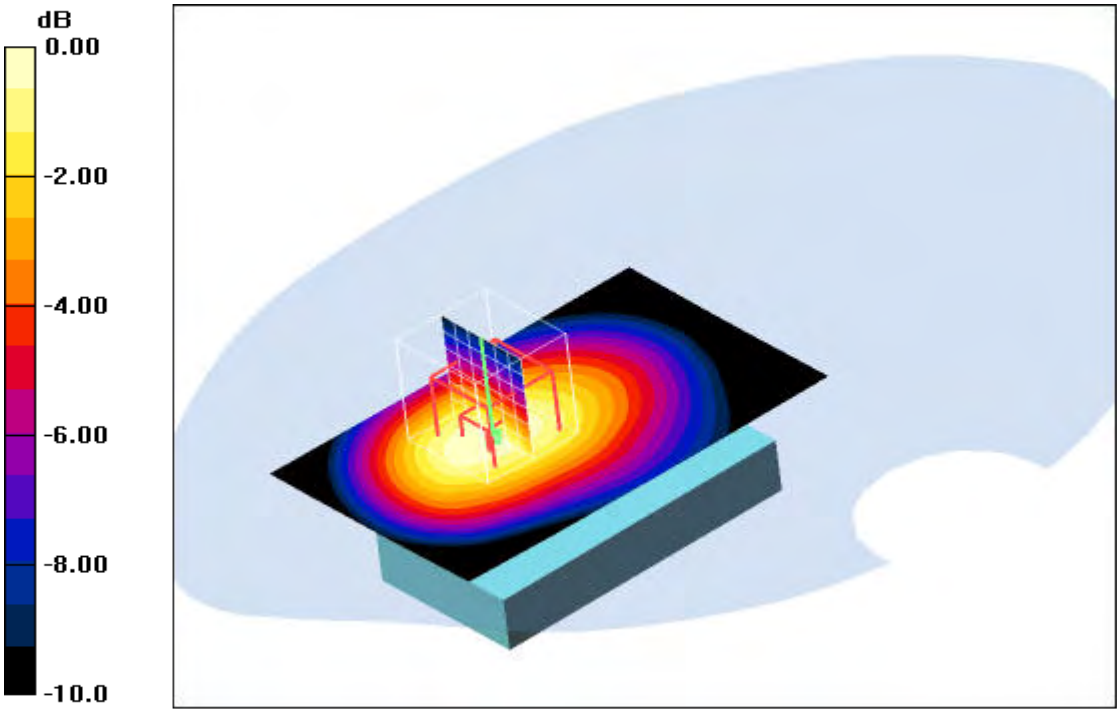
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Low/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.679 mW/g

Rear position - Low/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.6 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.679 mW/g



0 dB = 0.679mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 22.7°C; liquid temperature: 21.6°C

Date/Time: 2009-03-13 12:14:00Date/Time: 2009-03-13 12:19:56

P1528_OET65-Body-UMTS-FDD-V

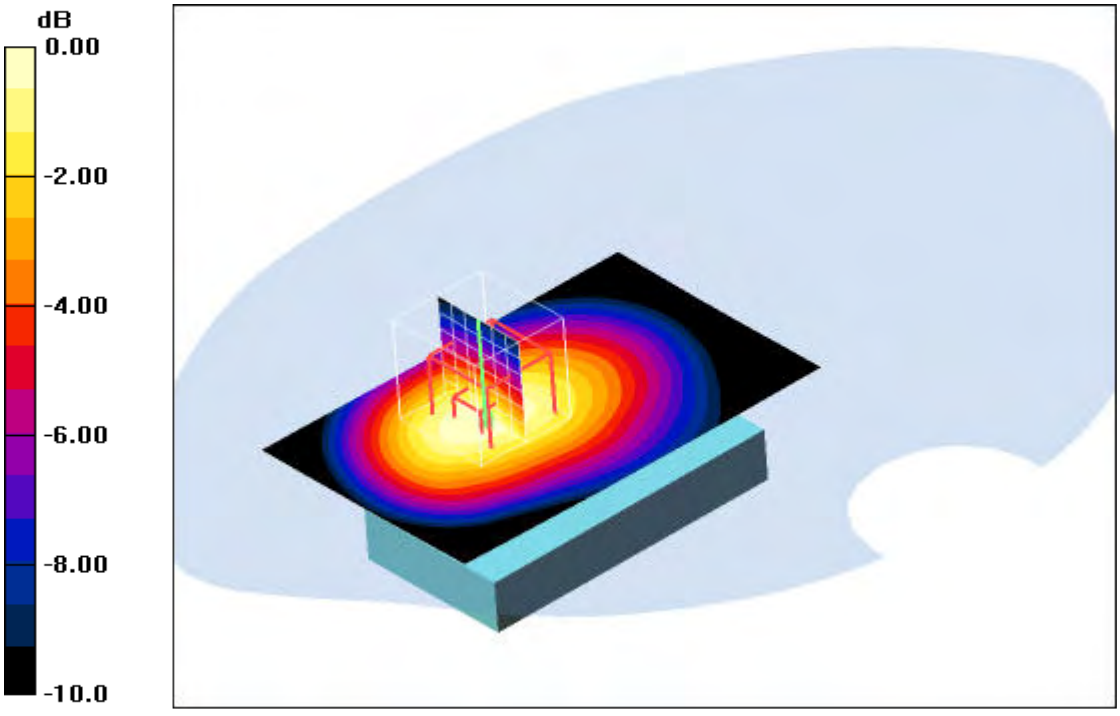
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used (interpolated): f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.599 mW/g

Rear position - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.7 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.803 W/kg
SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.373 mW/g
Maximum value of SAR (measured) = 0.601 mW/g



0 dB = 0.601mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 22.7°C; liquid temperature: 21.6°C

Date/Time: 2009-03-13 11:53:19Date/Time: 2009-03-13 11:59:11

P1528_OET65-Body-UMTS-FDD-V

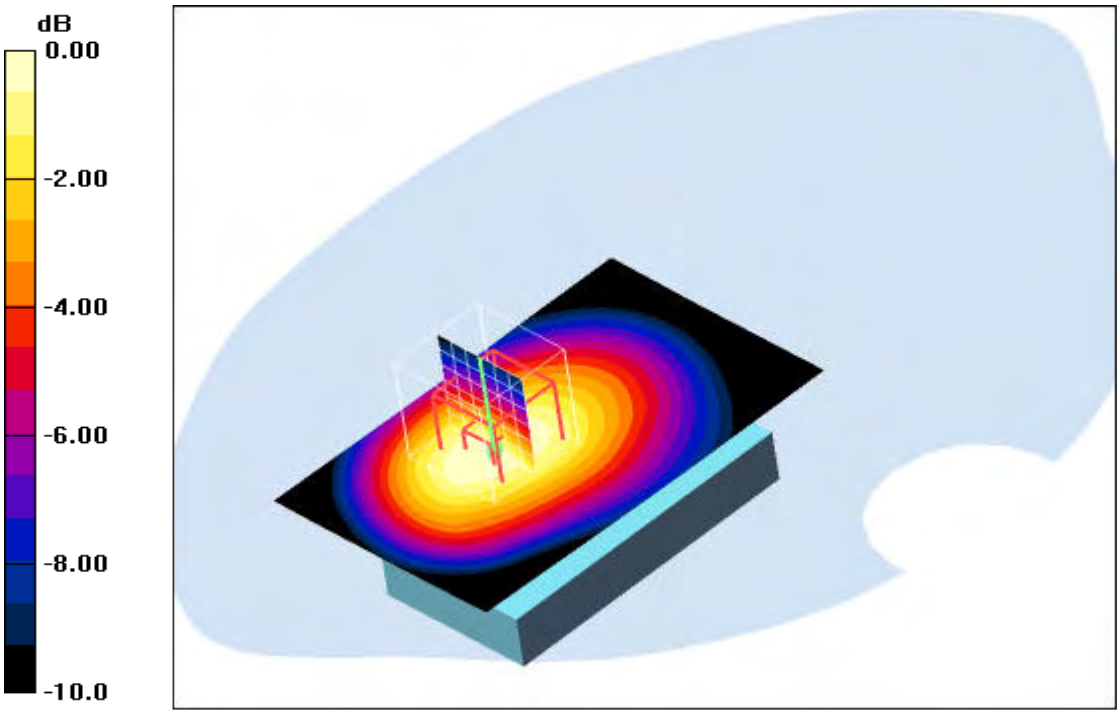
DUT: Sony Ericsson; Type: AAD-3880031-BV; Serial: BX900H6RKX
Communication System: WCDMA FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: M850 Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.97 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1558; ConvF(5.96, 5.96, 5.96); Calibrated: 2008-08-15
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn413; Calibrated: 2009-01-08
- Phantom: SAM 12; Type: SAM; Serial: 1043
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Rear position - High/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.633 mW/g

Rear position - High/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

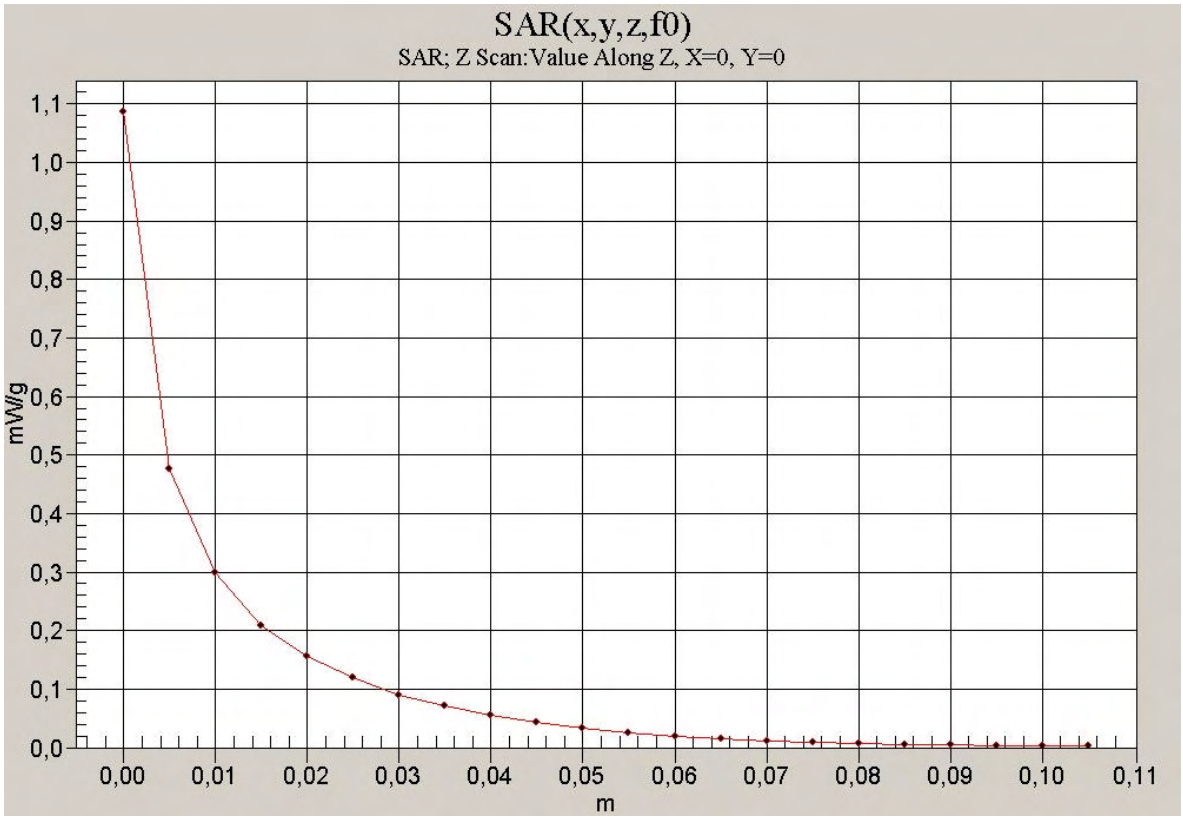
Reference Value = 26.4 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.804 W/kg
SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.613 mW/g



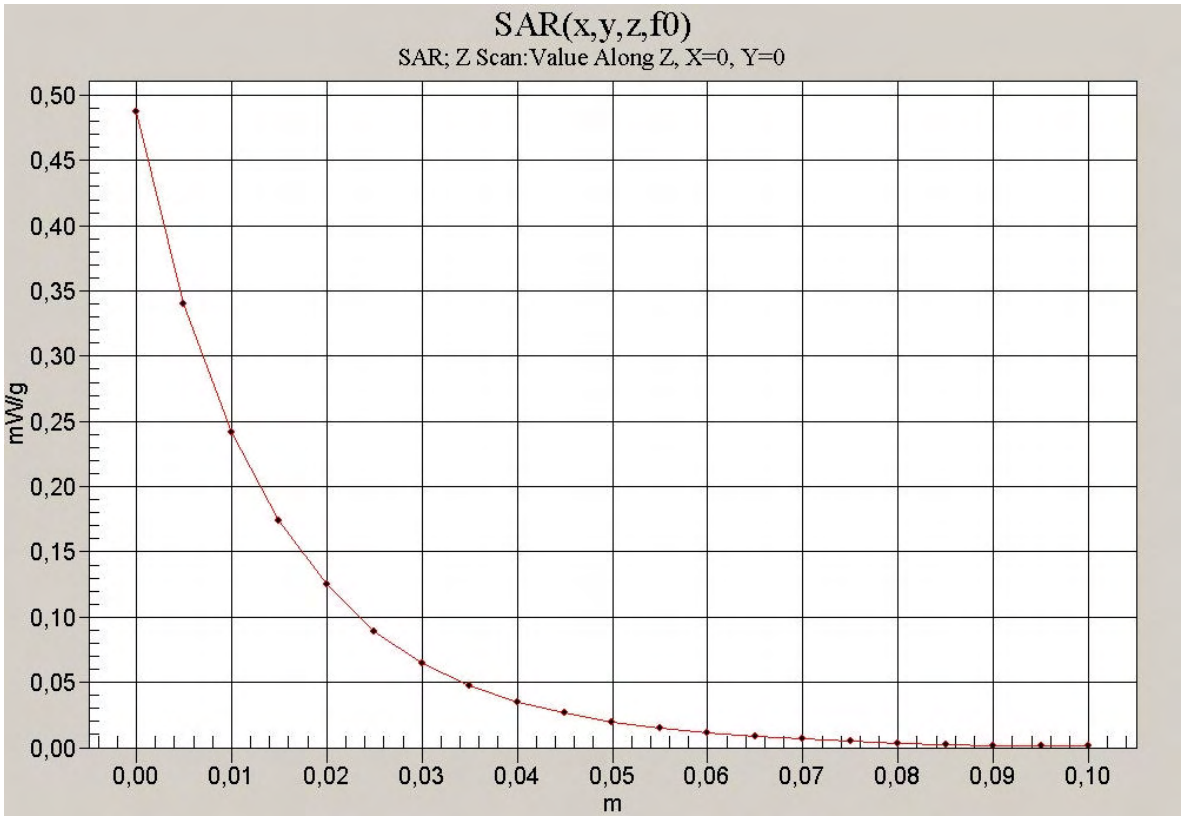
0 dB = 0.613mW/g

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 22.7°C; liquid temperature: 21.6°C

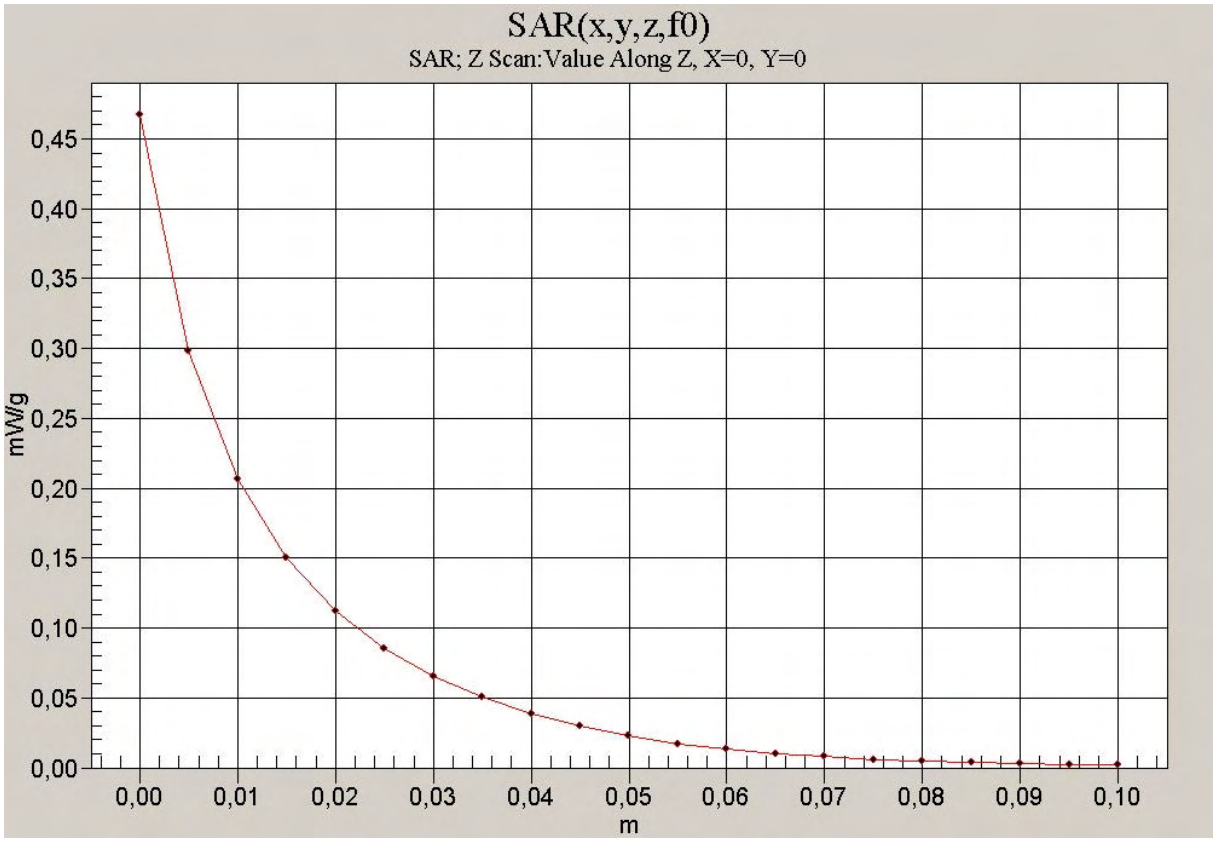
Annex 2.9 Z-axis scans



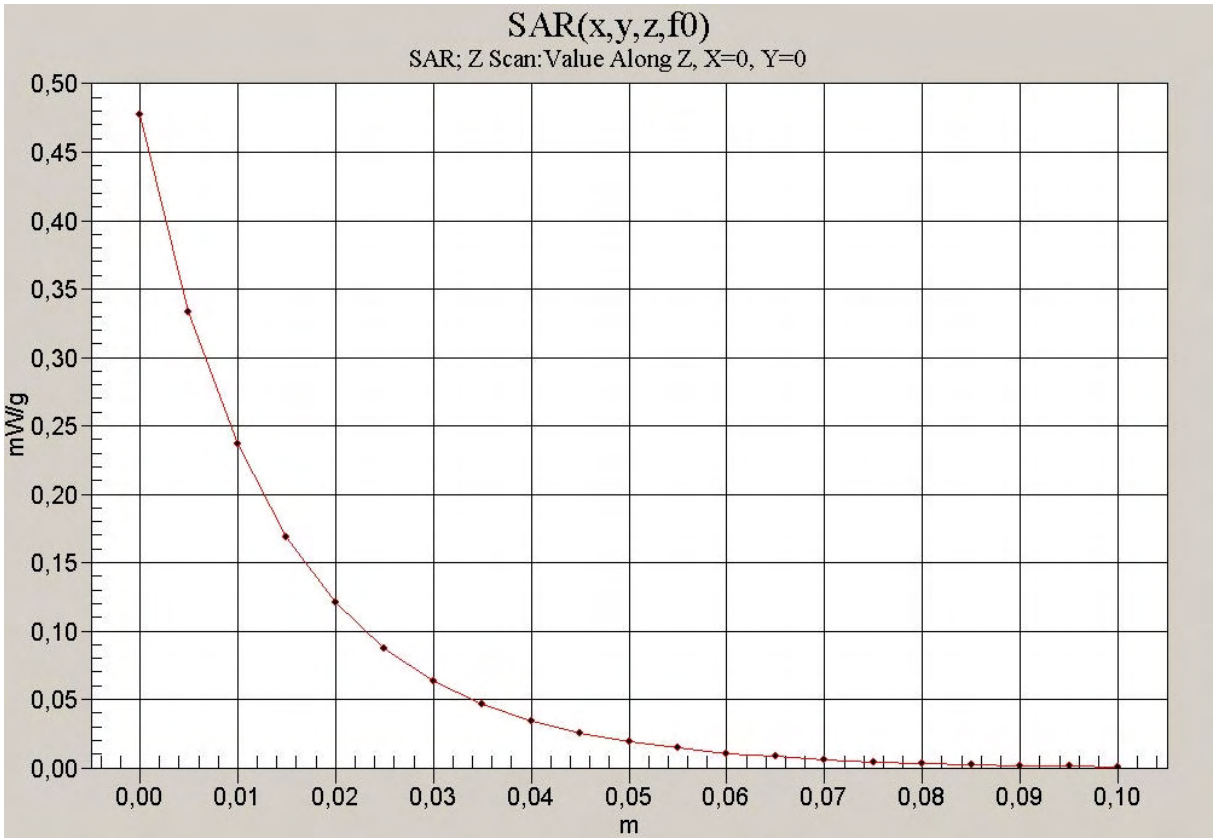
850 head



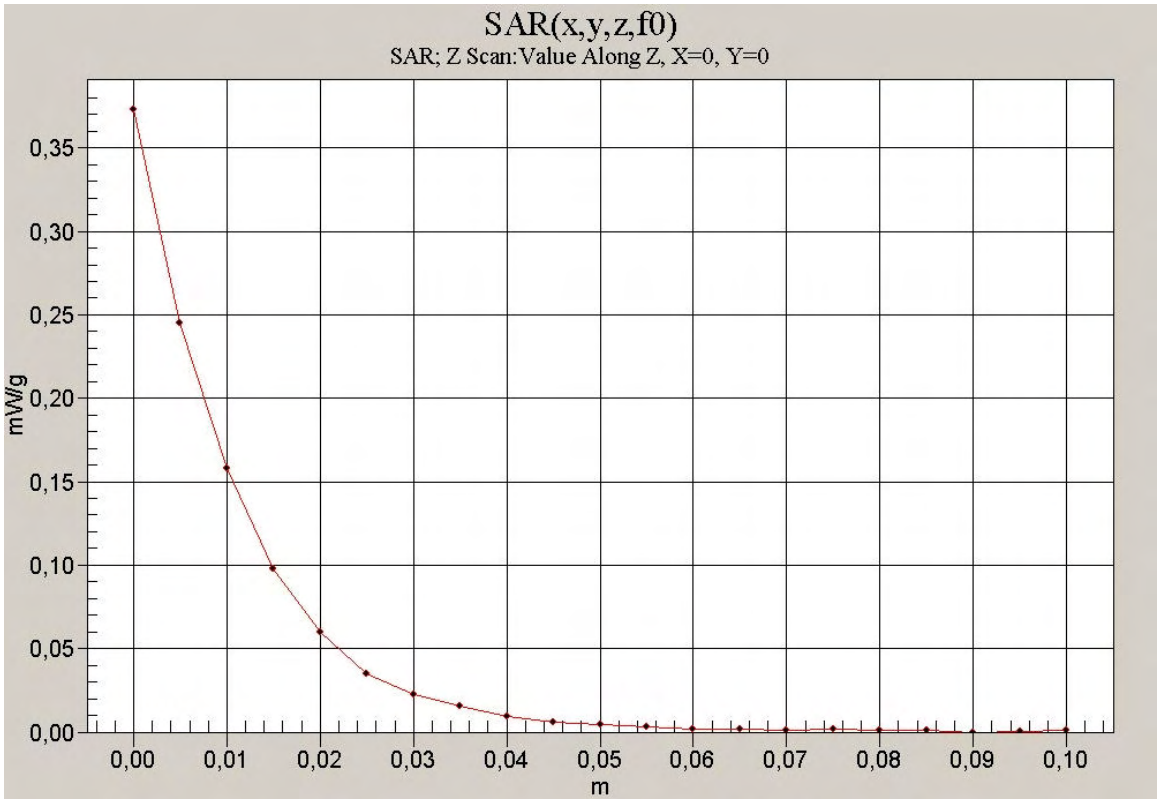
850 body



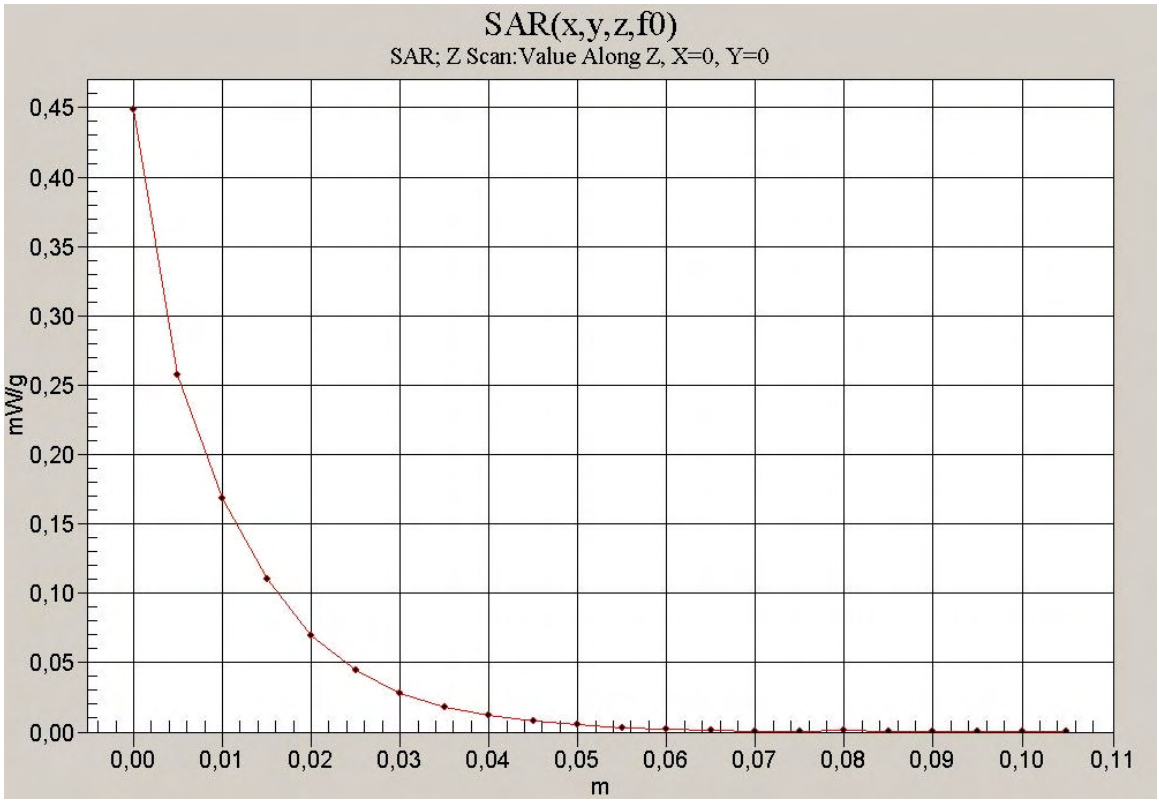
850 head WCDMA FDD V



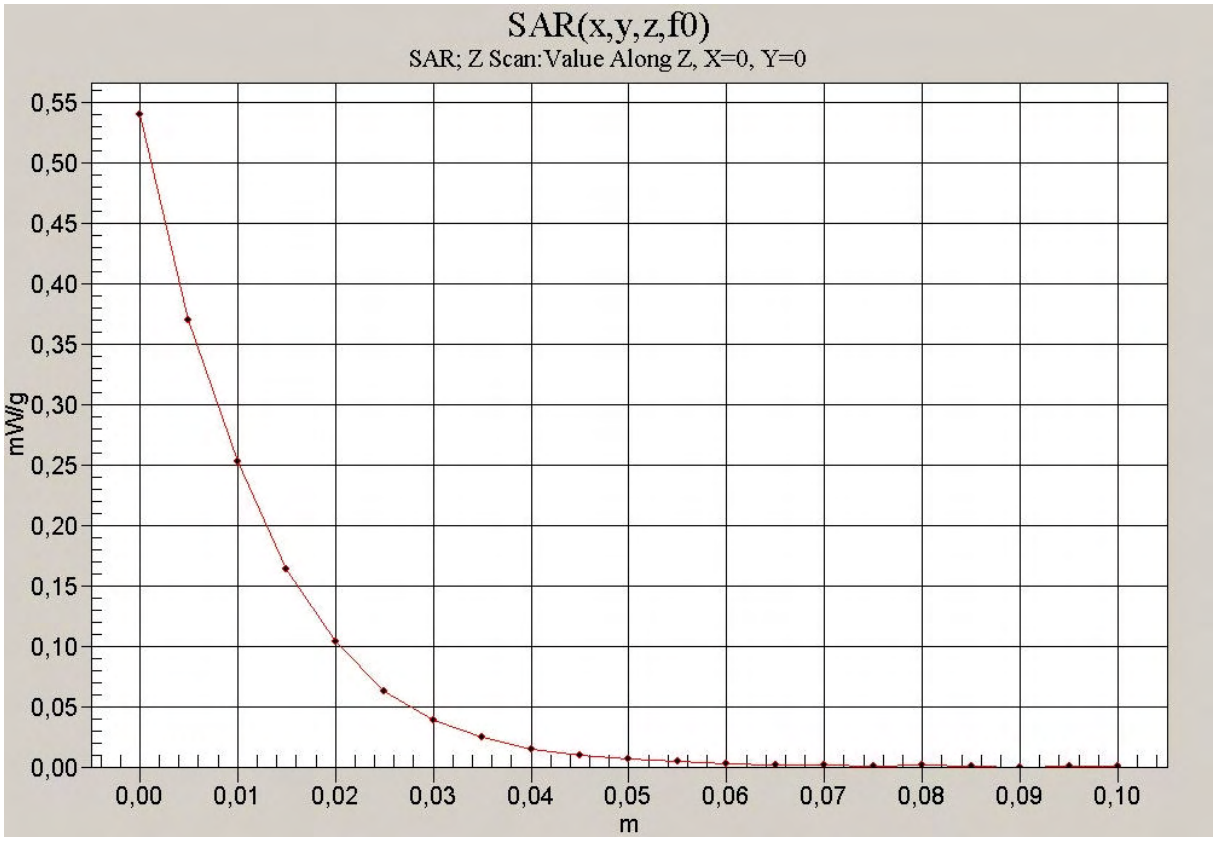
850 body WCDMA FDD V



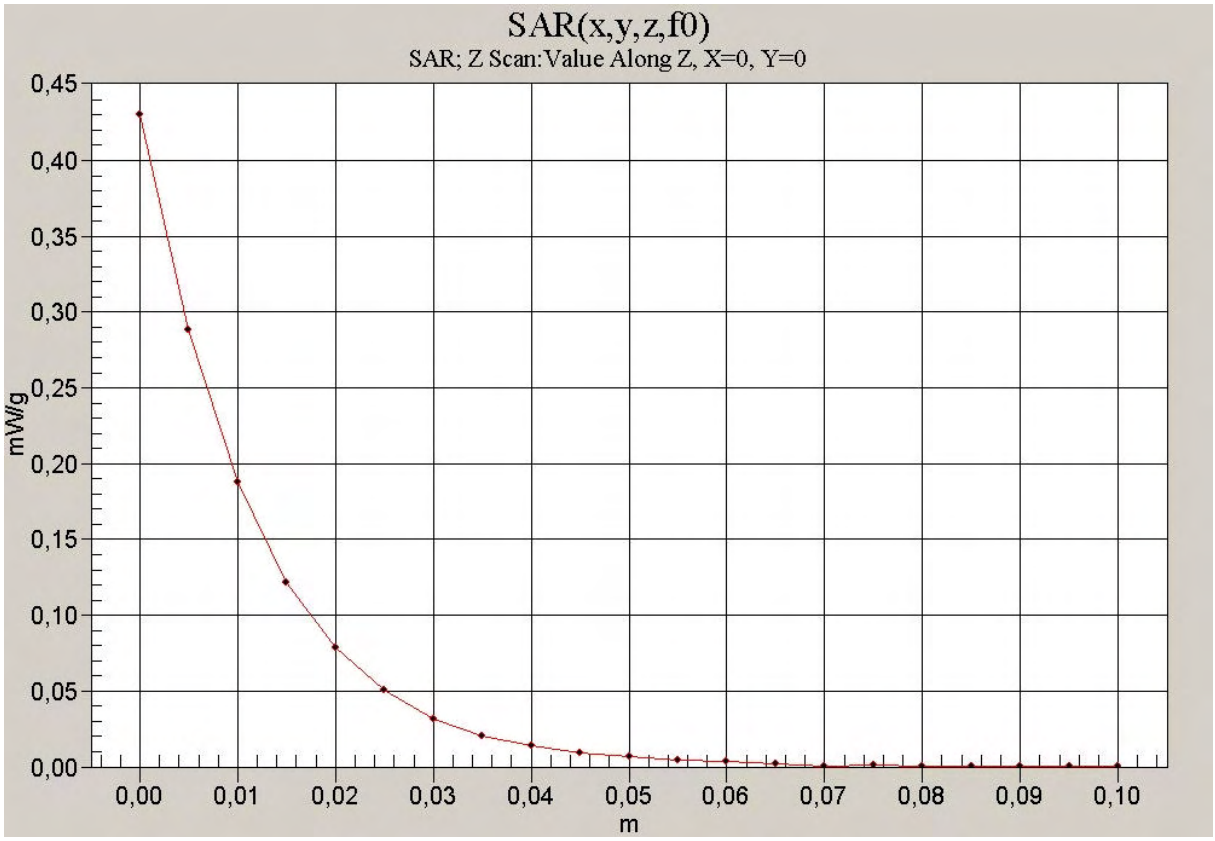
1900 head



1900 body



1900 head WCDMA FDD II



1900 body WCDMA FDD II

Annex 3 Photo documentation

Photo 1: Measurement System DASY 4

Photo 2: DUT - front view

Photo 3: DUT - front view opened

Photo 4: DUT - side view opened

Photo 5: DUT - rear view opened

Photo 6: DUT - side view

Photo 7: DUT - rear view

Photo 8: DUT - rear view (flip cover open)

Photo 9: DUT - rear view (flip cover open) without battery

Photo 10: DUT - rear view (label)

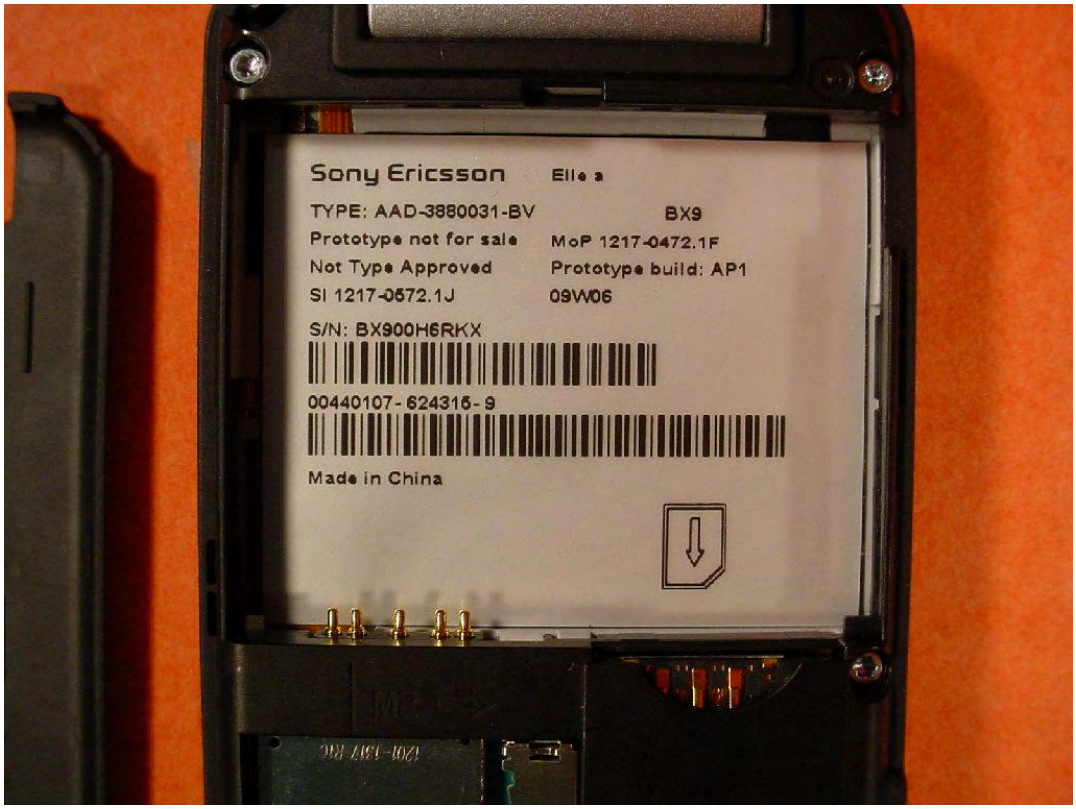


Photo 11: The battery

Photo 12: Test position left hand touched

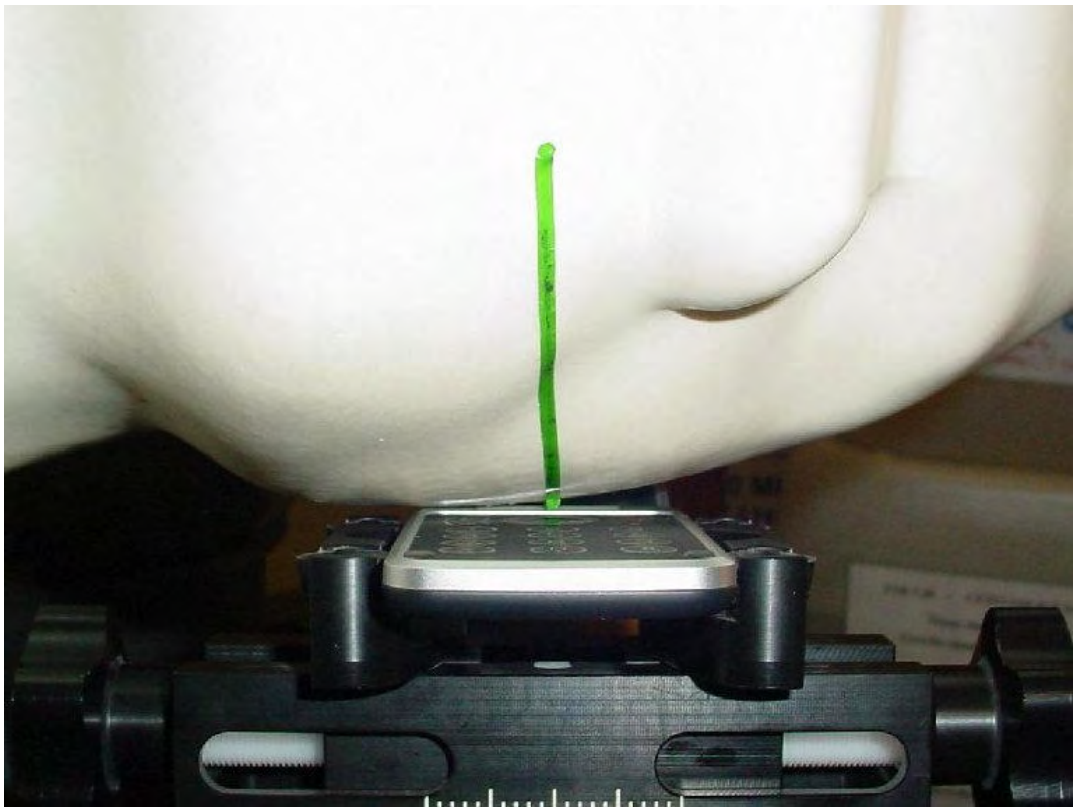


Photo 13: Test position left hand touched

Photo 14: Test position left hand touched

Photo 15: Test position left hand tilted 15°

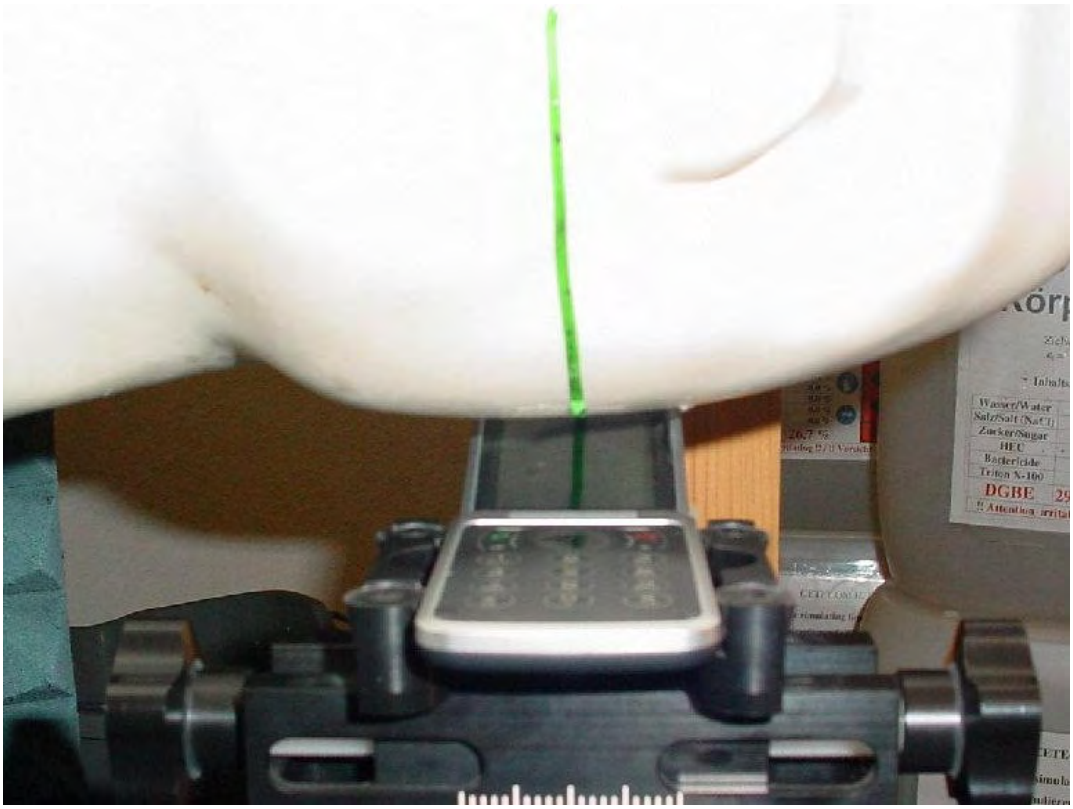


Photo 16: Test position left hand tilted 15°

Photo 17: Test position right hand touched

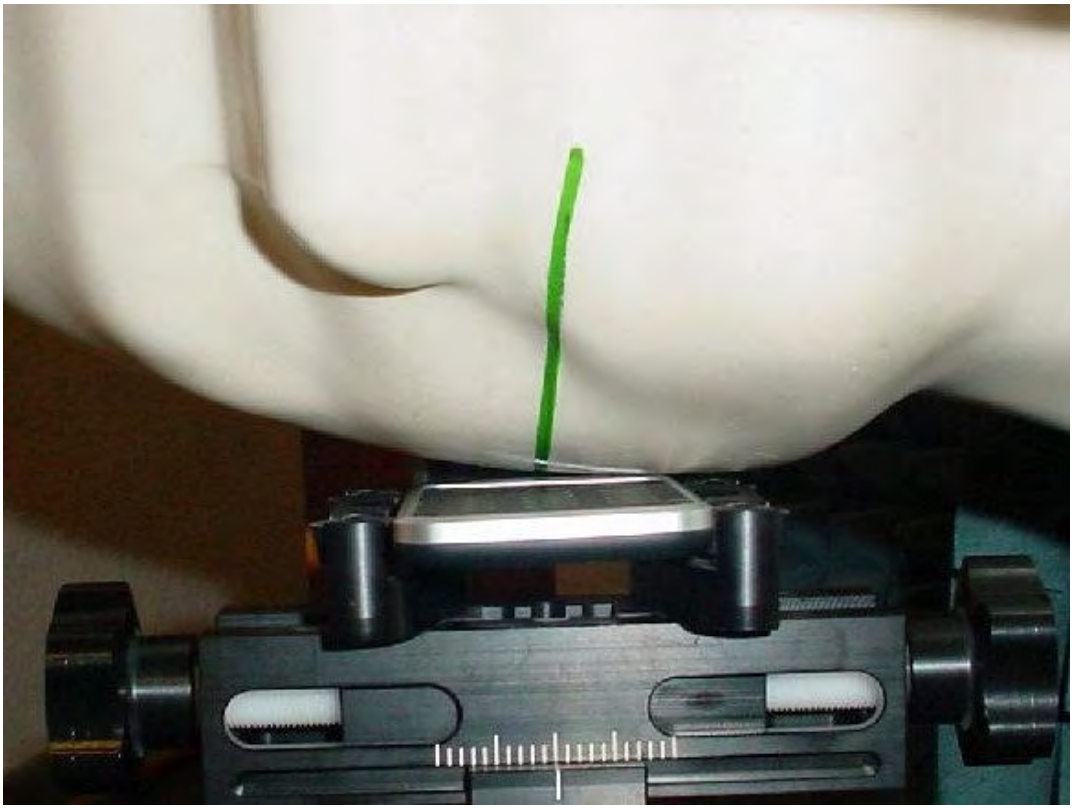


Photo 18: Test position right hand touched

Photo 19: Test position right hand touched

Photo 20: Test position right hand tilted 15°

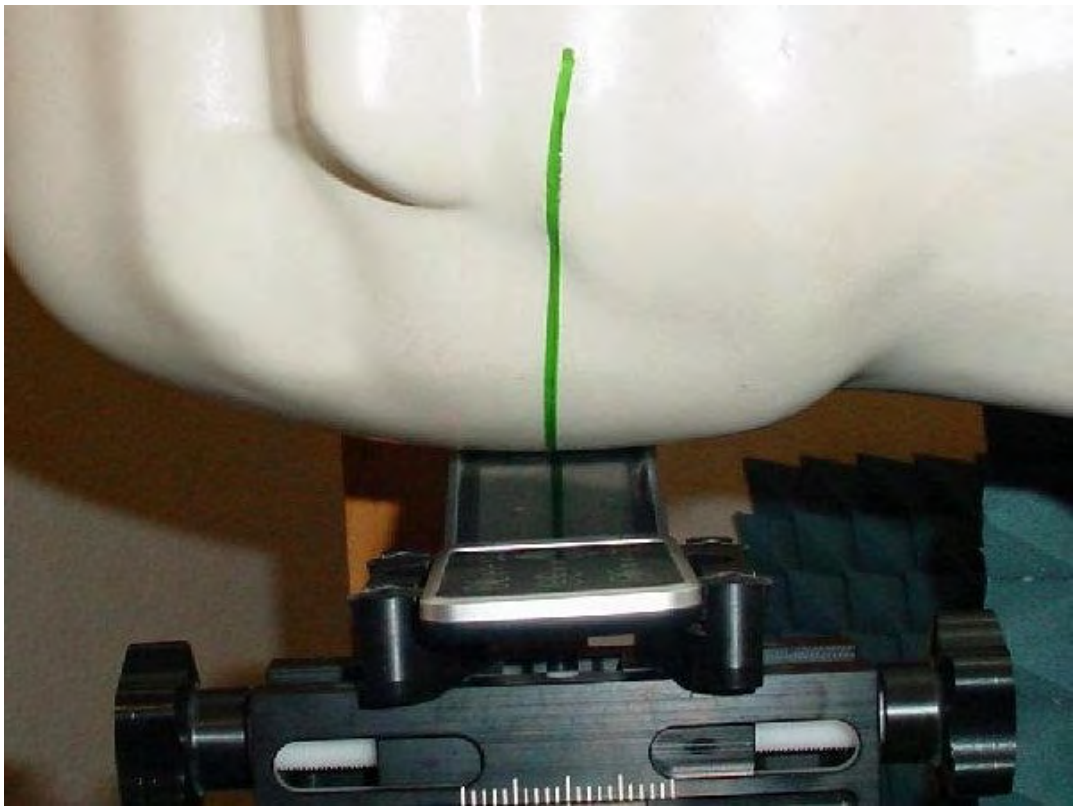


Photo 21: Test position right hand tilted 15°

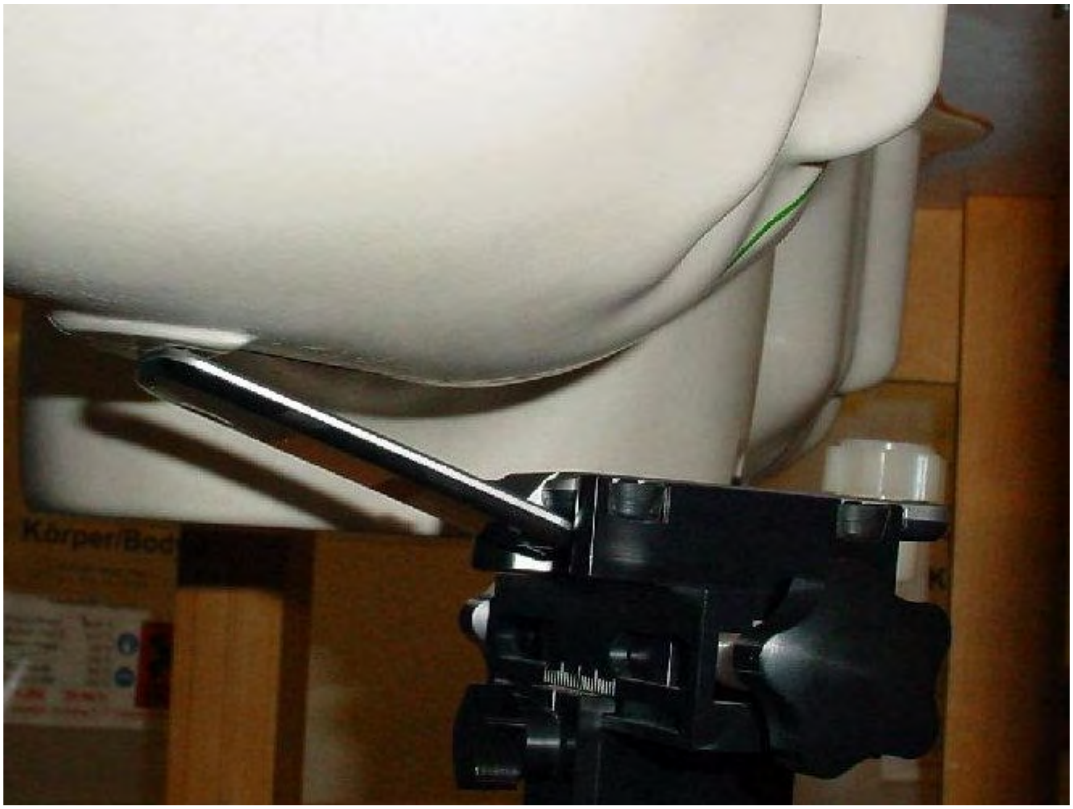


Photo 22: Test position body worn front side with 15 mm distance

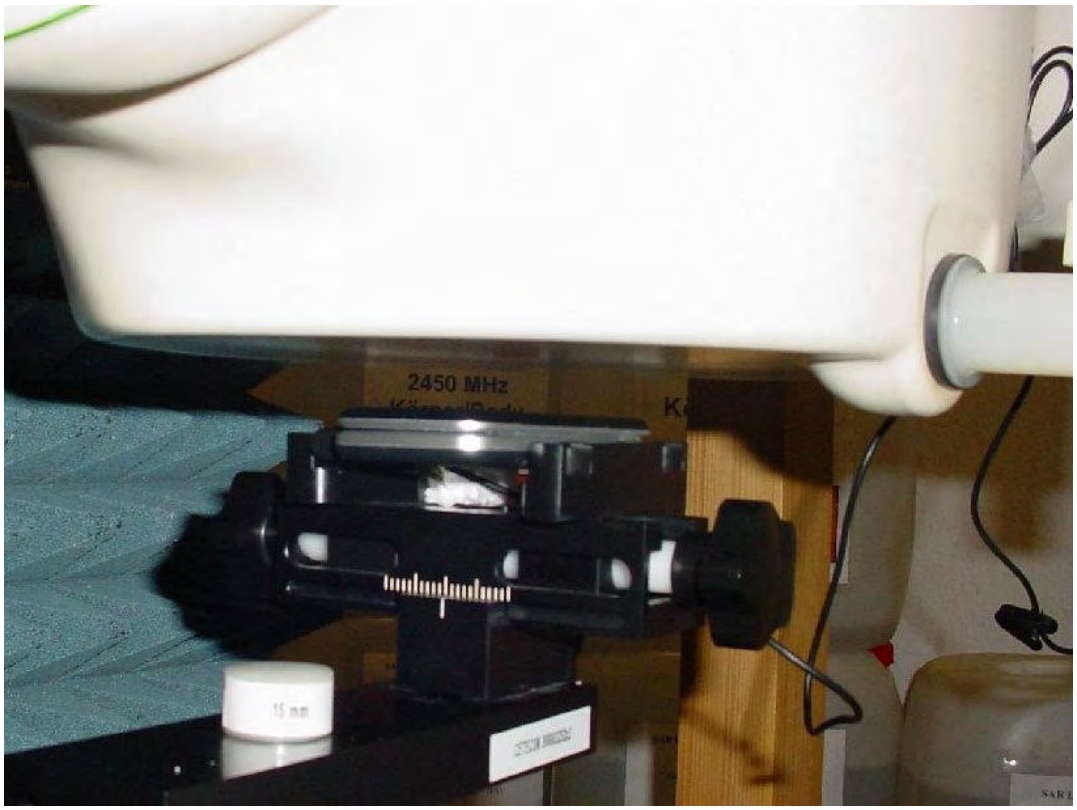


Photo 23: Test position body worn front side with 15 mm distance

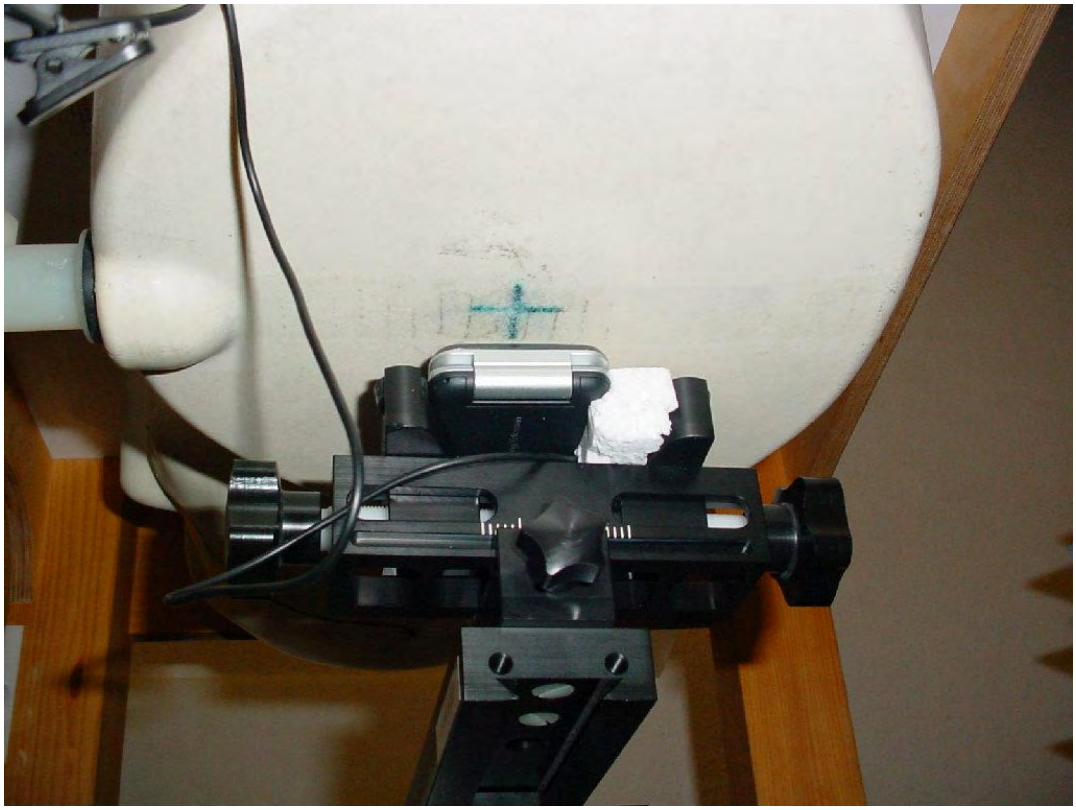


Photo 24: Test position body worn front side with 15 mm distance

Photo 25: Test position body worn front side with 15 mm distance

Annex 3.1 Liquid depth

Photo 26: Liquid depth 850 MHz head simulating liquid

Photo 27: Liquid depth 850 MHz body simulating liquid

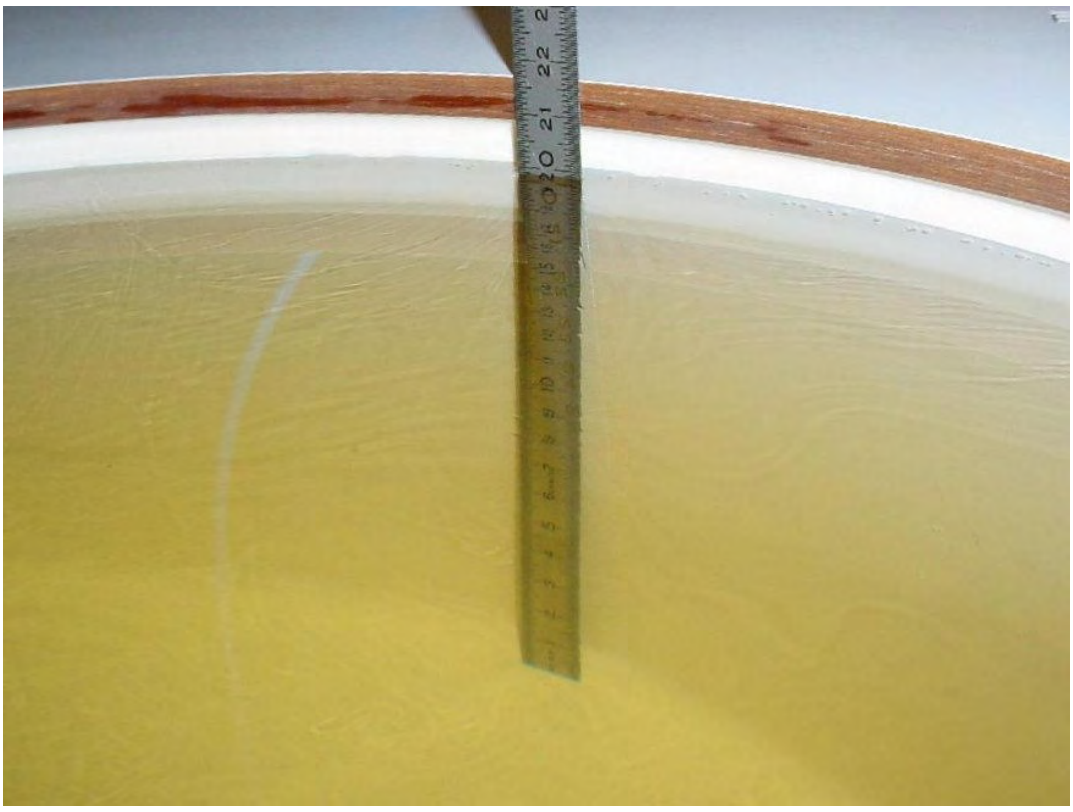


Photo 28: Liquid depth 1900 MHz head simulating liquid

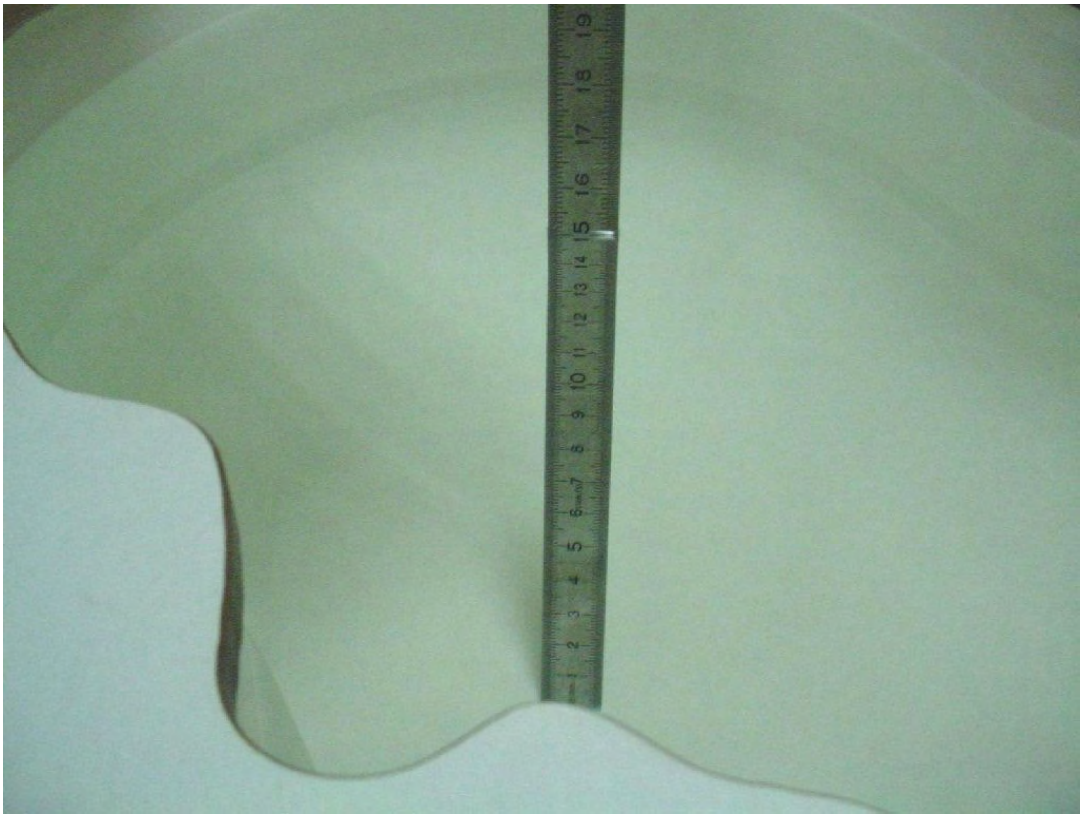
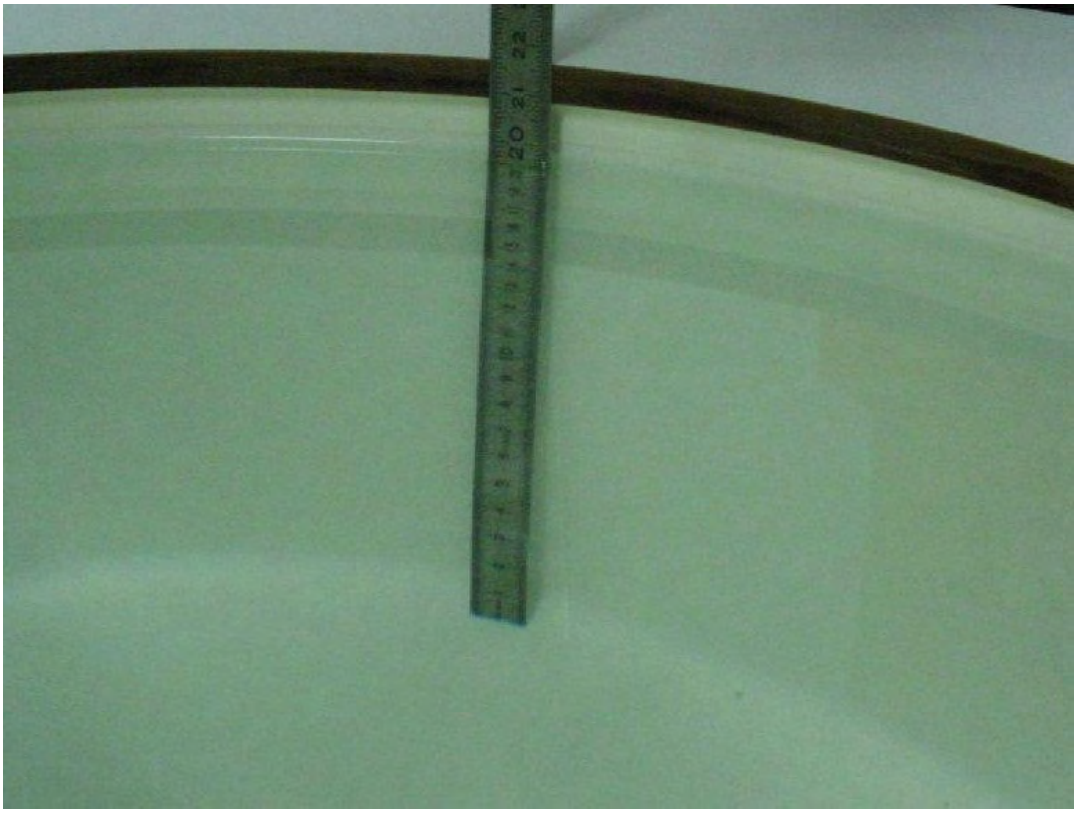


Photo 29: Liquid depth 1900 MHz body simulating liquid



Annex 4 RF Technical Brief Cover Sheet acc. to RSS-102

1. COMPANY NUMBER: 4170B

2. MODEL NUMBER: A3880031

3. MANUFACTURER: Sony Ericsson Mobile Communications AB

4. TYPE OF EVALUATION:

(a) SAR Evaluation: Device used in the Vicinity of the Human Head

- **Multiple transmitters: Yes ☐ No ☒**
- **Evaluated against exposure limits: General Public Use ☒ Controlled Use ☐**
- **Duty cycle used in evaluation: 12.5 %**
- **Standard used for evaluation: RSS-102 Issue 2 (2005-11)**
- **SAR value: 0.991 W/kg. Measured ☒ Computed ☐ Calculated ☐**

(b) SAR Evaluation: Body-worn Device

- **Multiple transmitters: Yes ☐ No ☒**
- **Evaluated against exposure limits: General Public Use ☒ Controlled Use ☐**
- **Duty cycle used in evaluation: 25 %**
- **Standard used for evaluation: RSS-102 Issue 2 (2005-11)**
- **SAR value: 0.640 W/kg. Measured ☒ Computed ☐ Calculated ☐**

Annex 4.1 Declaration of RF Exposure Compliance

ATTESTATION: I attest that the information provided in Annex 4 is correct; that a Technical Brief was prepared and the information it contains is correct; that the device evaluation was performed or supervised by me; that applicable measurement methods and evaluation methodologies have been followed and that the device meets the SAR and/or RF exposure limits of RSS-102.

Signature: Thomas Vogler **Date: 2009-04-02**

NAME : Thomas Vogler

TITLE : Dipl.-Ing. (FH)

COMPANY : CETECOM ICT Services GmbH

Annex 5 Calibration parameters

Calibration parameters are described in the additional document :

Appendix to test report no. 1-1065-15-02/09‘
Calibration data, Phantom certificate
and detail information of the DASY4 System