

SAR TEST REPORT

| | |
|-----------------------------|---|
| Equipment Under Test | 3.5G PDA phone |
| Model Name | Ultimate 8150 |
| Company Name | Arima Communications Corp. |
| Company Address | No.16, Lane 658, Ying Tao Road, Yingko, Taipei Hsien, Taiwan, R.O.C |
| Date of Receipt | 2007.06.26 |
| Date of Test(s) | 2007.07.14-2007.07.22 |
| Date of Issue | 2007.07.25 |

Standards:

**FCC OET Bulletin 65 supplement C,
ANSI/IEEE C95.1, C95.3, IEEE 1528**

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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Tested by : LEO HSU



Date : 2007.07.24

Approved by : DIKIN YANG



Date : 2007.07.25

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1. General Information

1.1 Testing Laboratory

| | |
|---|---|
| SGS Taiwan Ltd. EC Lab | |
| 134, Wu Kung Road, Wuku industrial zone | |
| Taipei county, Taiwan, R.O.C. | |
| Telephone | +886-2-2299-3279 |
| Fax | +886-2-2298-0488 |
| Internet | http://www.tw.sgs.com/ |

1.2 Details of Applicant

| | |
|-----------------|---|
| Company Name | Arima Communications Corp. |
| Company Address | No.16, Lane 658, Ying Tao Road, Yingko, Taipei Hsien, Taiwan, R.O.C |
| Telephone | +886-3-5722211 #3861 |
| Fax | +886-3-5729922 |
| Contact Person | Kent Wu |
| E-mail | Kentwu@arimacomm.com.tw |
| Website | http://www.arimacomm.com.tw/ |

1.3 Description of EUT

| | |
|-------------------|---------------------------|
| EUT Name | 3.5G PDA phone |
| Brand Name | i-mate™ |
| FCC ID | Ultimate 8150 |
| Model Name | i-mate™ |
| Marketing Name | 355686010030556 |
| IMEI Code | GSM /GPRS/EDGE/WCDMA band |
| Mode of Operation | GMSK/QPSK/8PSK/HPSK |
| Modulation mode | GSM |

| | | | | | | |
|--------------------------------------|--|-----------|---------------|--|-------|--|
| Duty Cycle | GSM | | GPRS/EDGE | | WCDMA | |
| | 1/8 | | 1/4 | | 1 | |
| Maximum RF Conducted Power (Average) | EGSM 850 | PCS 1900 | BAND 2 | BAND 5 | | |
| | 32 dBm | 29.05 dBm | 23.29 dBm | 23.02 dBm | | |
| TX Frequency Range (MHz) | EGSM 850 | PCS 1900 | BAND 2 | BAND 5 | | |
| | 824.2-848.8 | 1850-1910 | 1852.4-1907.6 | 826.4-846.6 | | |
| Channel Number (ARFCN) | EGSM 850 | PCS 1900 | BAND 2 | BAND 5 | | |
| | 128-251 | 512-810 | 9262-9538 | 4132-4233 | | |
| Battery Type | 3.7 V Lithium-Ion | | | | | |
| Antenna Type | Internal Antenna | | | | | |
| Antenna Gain (Average, dBi) | EGSM 850 | PCS 1900 | BAND 2 | BAND 5 | | |
| | -3.27 | -3.28 | -3.58 | -3.58 | | |
| H/W Version | EP2 | | | | | |
| S/W Version | 9001_RIL_FTA_V03 | | | | | |
| Max. SAR Measured (1 g) | Head | | | Body | | |
| | 0.842 W/kg (At WCDMA Band2 Right-Cheek 9262 Channel with WIFI G active) | | | 1.24 W/kg (At GSM 850 Body 128 Channel with WIFI G) | | |

Note:

1. The EUT support WLAN 802.11b+g function but not include VOIP.

It's conducted output power as below table:

| Channel Frequency Under Test And Its Conducted Output Power (Peak) | 802.11b | 802.11g |
|--|---------------------|---------------------|
| | 13.83 dBm (2412MHz) | 10.22 dBm (2412MHz) |
| | 13.35 dBm (2437MHz) | 11.6 dBm (2437MHz) |
| | 12.31 dBm (2462MHz) | 9.84 dBm (2462MHz) |

2. EGPRS mode was not measured because maximum averaged output power is more than 3 dB lower in EGPRS mode than in GPRS mode.
(In EDGE mode, its power class level is E2 and output power less than 24dBm)

1.4 Test Environment

Ambient Temperature: 22.2° C

Tissue Simulating Liquid: 21.7° C

Relative Humidity: 62 %

1.5 Operation description

1. The EUT is controlled by using a Wireless Communication Tester (Agilent 8960), and the communication between the EUT and the tester is established by air link. Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s). The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
2. Testing SAR with dominant transmitter ON and co-located OFF to find the highest head-position SAR measurement value.
3. For highest SAR configuration in this band repeated with Memory-Card
4. Testing SAR with dominant transmitter and co-located ON for head-position worst case configuration.
5. Testing body-worn SAR with holster & belt clip with co-located OFF by separating 1.5cm between the back of the EUT and the flat phantom in GPRS mode.
6. Testing body-worn SAR with holster & belt clip with co-located OFF by separating 1.5cm between the front of the EUT and the flat phantom in GPRS mode.
7. For highest SAR configuration in this band repeated with Memory-Card & Headset.
8. Testing body-worn SAR with holster & belt clip with co-located ON in GPRS mode at the body-worn worst case configuration.
9. During the SAR testing, the DASY4 system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing

1.6 The SAR Measurement System

A photograph of the SAR measurement System is given in Fig. a. This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY 4 professional system). A Model EX3DV3 3526-field probe is used to determine the internal electric fields. The SAR can be obtained from the equation $SAR = \sigma (|E_i|^2) / \rho$ where σ and ρ are the conductivity and mass density of the tissue-simulant.

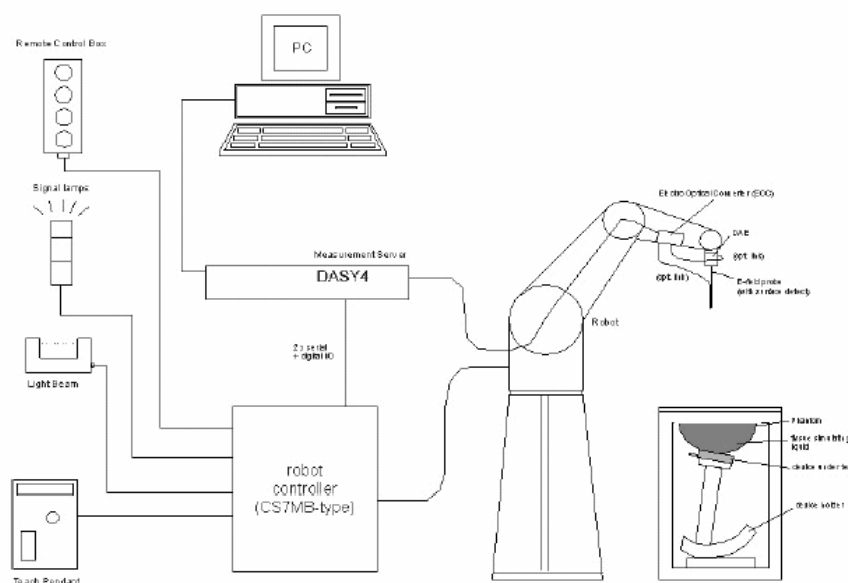



Fig.a The microwave circuit arrangement used for SAR system verification

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

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

1.7 System Components


EX3DV3 E-Field Probe

| | | |
|---------------|---|---|
| Construction: | Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE) |  |
| Calibration: | Basic Broad Band Calibration in air Conversion Factors (CF) for HSL850/1900 Additional CF for other liquids and frequencies upon request | |


EX3DV3 E-Field Probe

| | |
|----------------|--|
| Frequency: | 10 MHz to > 6 GHz; Linearity: ± 0.2 dB (30 MHz to 6 GHz) |
| Directivity: | ± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis) |
| Dynamic Range: | 10 μ W/g to > 100 mW/g; Linearity: ± 0.2 dB (noise: typically < 1 μ W/g) |
| Dimensions: | Overall length: 330 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm |
| Application: | High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%. |

SAM PHANTOM V4.0C

| | | |
|------------------|---|--|
| Construction: | The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528-200X, CENELEC 50361 and IEC 62209. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points with the robot. |  |
| Shell Thickness: | 2 ± 0.2 mm | |
| Filling Volume: | Approx. 25 liters | |
| Dimensions: | Height: 251 mm; Length: 1000 mm; Width: 500 mm | |

DEVICE HOLDER

| | | |
|--------------|---|---|
| Construction | In combination with the Twin SAM Phantom V4.0/V4.0C or Twin SAM, the Mounting Device (made from POM) enables the rotation of the mounted transmitter in spherical coordinates, whereby the rotation point is the ear opening. The devices can be easily and accurately positioned according to IEC, IEEE, CENELEC, FCC or other specifications. The device holder can be locked at different phantom locations (left head, right head, flat phantom). |  |
| | | Device Holder |

1.8 SAR System Verification

The microwave circuit arrangement for system verification is sketched in Fig. b. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values. These tests were done at 900/1900 MHz. The tests were conducted on the same days as the measurement of the DUT. The obtained results from the system accuracy verification are displayed in the table 1 (SAR values are normalized to 1W forward power delivered to the dipole). During the tests, the ambient temperature of the laboratory was in the range 22.2°C, the relative humidity was in the range 62% and the liquid depth above the ear reference points was above 15 cm in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.

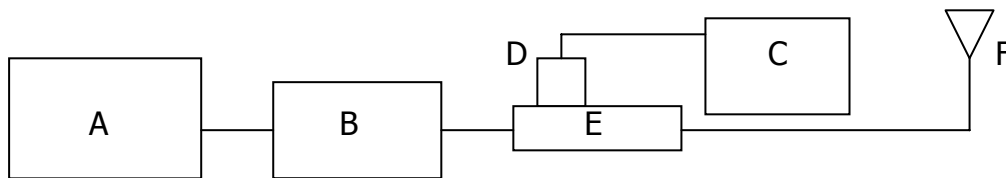
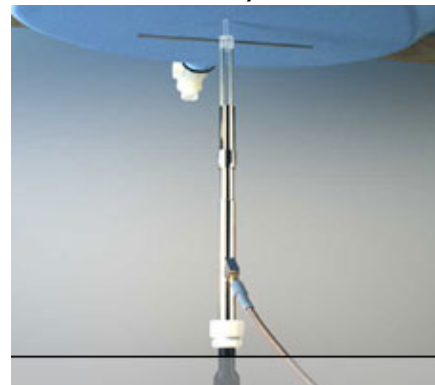


Fig.b The microwave circuit arrangement used for SAR system verification

- A. Agilent Model 8648D Signal Generator
- B. Mini circuits Model ZHL-42 Amplifier
- C. Agilent Model E4416A Power Meter
- D. Agilent Model 8481H Power Sensor
- E. Agilent Model 778D Dual directional coupling
- F. Reference dipole antenna



Photograph of the dipole Antenna

| Validation Kit | Frequency Hz | Target SAR (1g) (Pin=250mW) | Target SAR (10g) (Pin=250mW) | Measured SAR (1g) | Measured SAR (10g) | Measured Date |
|-----------------------|-----------------|-----------------------------|------------------------------|-------------------|--------------------|---------------|
| D900V2 S/N: 178 | 900 MHz (Head) | 2.66 m W/g | 1.71 m W/g | 2.73 m W/g | 1.77 m W/g | 2007-07-20 |
| D900V2 S/N: 178 | 900 MHz (Body) | 2.69 m W/g | 1.76 m W/g | 2.73 m W/g | 1.78 m W/g | 2007-07-22 |
| D1900V2 S/N: 5d027 | 1900 MHz (Head) | 9.28 m W/g | 4.9 m W/g | 9.31 m W/g | 4.75 m W/g | 2007-07-14 |
| D1900V2 S/N: 5d027 | 1900 MHz (Body) | 9.67 m W/g | 5.16 m W/g | 9.81 m W/g | 5.12 m W/g | 2007-07-17 |

Table 1. Results system validation

1.9 Tissue Simulant Fluid for the Frequency Band

The dielectric properties for this Head-simulant fluid were measured by using the HP Model 85070D Dielectric Probe (rates frequency band 200 MHz to 20 GHz) in conjunction with HP 8753D Network Analyzer (30 KHz-6000MHz) by using a procedure detailed in Section V.

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The depth of the tissue simulant in the ear reference point of the phantom was 15cm±5mm during all tests. (Fig .2)

| Frequency (MHz) | Tissue type | Measurement date/ Limits | Dielectric Parameters | | |
|-----------------|-------------|-----------------------------|-----------------------|----------------|-----------------------------------|
| | | | ρ | σ (S/m) | Simulated Tissue Temperature(° C) |
| 900 | Head | Measured, 2007.07.20 | 42.2 | 0.987 | 21.7 |
| | | Recommended Limits | 39.4-43.6 | 0.86-1.03 | 20-24 |
| 900 | Body | Measured, 2007.07.22 | 55.6 | 1.03 | 21.7 |
| | | Recommended Limits | 52.3-58 | 0.92-1.1 | 20-24 |
| 1900 | Head | Measured, 2007.07.14 | 39.1 | 1.35 | 21.6 |
| | | Recommended Limits | 38-42.1 | 1.29-1.47 | 20-24 |
| 1900 | Body | Measured, 2007.07.17 | 52.4 | 1.58 | 21.7 |
| | | Recommended Limits | 50.6-56 | 1.38-1.6 | 20-24 |

Table 2. Dielectric Parameters of Tissue Simulant Fluid

The composition of the brain tissue simulating liquid for 900 & 1900 band:

| Ingredient | 900MHz(Head) | 900Mhz(Body) | 1900MHz(Head) | 1900Mhz(Body) |
|---------------|--------------|--------------|---------------|---------------|
| DGMBE | X | X | 444.52 g | 300.67 |
| Water | 532.98 g | 631.68 g | 552.42 g | 716.56 g |
| Salt | 18.3 g | 11.72 g | 3.06 g | 4.0 g |
| Preventol D-7 | 2.4 g | 1.2g | X | X |
| Cellulose | 3.2 g | X | X | X |
| Sugar | 766.0 g | 600 g | X | X |
| Total amount | 1 L (1.0kg) | 1 L (1.0kg) | 1 L (1.0kg) | 1 L (1.0kg) |

Table 3. Recipes for tissue simulating liquid

1.10 Test Standards and Limits

According to FCC 47CFR §2.1093(d) The limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for

localized specific absorption rate ("SAR") in Section 4.2 of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE C95.1-1992, Copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radio frequency Electromagnetic Fields," NCRP Report No. 86, Section 17.4.5. Copyright NCRP, 1986, Bethesda, Maryland 20814. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards. The criteria to be used are specified in paragraphs (d)(1) and (d)(2) of this section and shall apply for portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz are to be evaluated in terms of the MPE limits specified in § 1.1310 of this chapter. Measurements and calculations to demonstrate compliance with MPE field strength or power density limits for devices operating above 6 GHz should be made at a minimum distance of 5 cm from the radiating source.

(1) Limits for Occupational/Controlled exposure: 0.4 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 8 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 20 W/kg, as averaged over an 10 grams of tissue (defined as a tissue volume in the shape of a cube). Occupational/Controlled limits apply when persons are exposed as a consequence of their employment provided these persons are fully aware of and exercise control over their exposure. Awareness of exposure can be accomplished by use of warning labels or by specific training or education through appropriate means, such as an RF safety program in a work environment.

(2) Limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and spatial peak SAR not exceeding 1.6 W/kg as averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the hands, wrists, feet and ankles where the spatial peak SAR shall not exceed 4 W/kg, as averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). General Population/Uncontrolled limits apply when the general public may be exposed, or when persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or do not exercise control over their exposure. Warning labels placed on consumer devices such as cellular telephones will not be sufficient reason to allow these devices to be evaluated subject to limits for

occupational/controlled exposure in paragraph (d)(1) of this section.(Table .4)

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

Table .4 RF exposure limits

Notes:

1. Uncontrolled environments are defined as locations where there is potential exposure of individuals who have no knowledge or control of their potential exposure.
2. Controlled environments are defined as locations where there is potential exposure of individuals who have knowledge of their potential exposure and can exercise control over their exposure.

2.Summary of Results

GSM 850 MHZ

| Right Head (Cheek Position) | | | | | | |
|---|---------|-------|----------------------------------|-------------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 0.076 | 22.1 | 21.7 |
| | 190 | 836.6 | 31.9dbm | 0.108 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.0dbm | 0.182 | 22.1 | 21.7 |
| Left Head (Cheek Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 0.080 | 22.1 | 21.7 |
| | 190 | 836.6 | 31.9dbm | 0.119 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.0dbm | 0.199 | 22.1 | 21.7 |
| Right Head (15° Tilt Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 0.072 | 22.1 | 21.7 |
| | 190 | 836.6 | 31.9dbm | 0.098 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.0dbm | 0.147 | 22.1 | 21.7 |
| Left Head (15° Tilt Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 0.072 | 22.1 | 21.7 |
| | 190 | 836.6 | 31.9dbm | 0.101 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.0dbm | 0.160 | 22.1 | 21.7 |
| Body worn (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 1.17 | 22.1 | 21.7 |
| | 190 | 836.6 | 31.9dbm | 0.953 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.0dbm | 0.727 | 22.1 | 21.7 |
| Body worn - repeated for EUT front to phantom (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |

| | | | | | | |
|--|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| 850 MHz | 128 | 824.2 | 31.7dbm | 0.558 | 22 | 21.6 |
| Body worn - repeated with Headset (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 0.929 | 22 | 21.6 |
| Body worn - repeated with Memory Card (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 1.15 | 22 | 21.6 |
| Body worn - repeated with Bluetooth active (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 1.13 | 22 | 21.6 |
| Body worn - repeated with WIFI B active (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 1.23 | 22 | 21.6 |
| Body worn - repeated with WIFI G active (testing in GPRS mode) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 31.7dbm | 1.24 | 22 | 21.6 |

PCS 1900 MHZ

| | | | | | | |
|---------------------------------------|---------|--------|----------------------------------|----------------------|---------------|-----------------|
| Right Head (Cheek Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 1900 MHz | 512 | 1850.2 | 29.05dbm | 0.668 | 22 | 21.6 |
| | 661 | 1880 | 29.00dbm | 0.565 | 22 | 21.6 |
| | 810 | 1909.8 | 29.01dbm | 0.487 | 22 | 21.6 |
| Left Head (Cheek Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 1900 MHz | 512 | 1850.2 | 29.05dbm | 0.399 | 22 | 21.6 |
| | 661 | 1880 | 29.00dbm | 0.346 | 22 | 21.6 |
| | 810 | 1909.8 | 29.01dbm | 0.347 | 22 | 21.6 |
| Right Head (15° Tilt Position) | | | | | | |

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| 1900 MHz | 512 | 1850.2 | 29.05dbm | 0.221 | 22 | 21.6 |
| | 661 | 1880 | 29.00dbm | 0.209 | 22 | 21.6 |
| | 810 | 1909.8 | 29.01dbm | 0.183 | 22 | 21.6 |

Left Head (15° Tilt Position)

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| 1900 MHz | 512 | 1850.2 | 29.05dbm | 0.233 | 22 | 21.6 |
| | 661 | 1880 | 29.00dbm | 0.208 | 22 | 21.6 |
| | 810 | 1909.8 | 29.01dbm | 0.170 | 22 | 21.6 |

Body worn (testing in GPRS mode)

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| 1900 MHz | 512 | 1850.2 | 29.05dbm | 0.612 | 22.1 | 21.7 |
| | 661 | 1880 | 29.00dbm | 0.463 | 22.1 | 21.7 |
| | 810 | 1909.8 | 29.01dbm | 0.420 | 22.1 | 21.7 |

WCDMA Band 2**Right Head (Cheek Position)**

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.675 | 22 | 21.6 |
| | 9400 | 1880.0 | 23.29dBm | 0.583 | 22 | 21.6 |
| | 9538 | 1907.6 | 23.12dBm | 0.543 | 22 | 21.6 |

Left Head (Cheek Position)

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.356 | 22 | 21.6 |
| | 9400 | 1880.0 | 23.29dBm | 0.375 | 22 | 21.6 |
| | 9538 | 1907.6 | 23.12dBm | 0.442 | 22 | 21.6 |

Right Head (15° Tilt Position)

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.205 | 22 | 21.6 |
| | 9400 | 1880.0 | 23.29dBm | 0.199 | 22 | 21.6 |

| | | | | | | |
|---|---------|--------|----------------------------------|-------------------|---------------|-----------------|
| | 9538 | 1907.6 | 23.12dBm | 0.200 | 22 | 21.6 |
| Left Head (15° Tilt Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.233 | 22 | 21.6 |
| | 9400 | 1880.0 | 23.29dBm | 0.227 | 22 | 21.6 |
| | 9538 | 1907.6 | 23.12dBm | 0.241 | 22 | 21.6 |
| Right Head (Cheek Position)-repeated with Memory Card | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.729 | 22.1 | 21.7 |
| Right Head (Cheek Position)-repeated with Bluetooth active | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.660 | 22.1 | 21.7 |
| Right Head (Cheek Position)-repeated with WIFI B active | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.689 | 22.1 | 21.7 |
| Right Head (Cheek Position)-repeated with WIFI G active | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.842 | 22.1 | 21.7 |
| Body worn | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.24dBm | 0.396 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.29dBm | 0.355 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.12dBm | 0.334 | 22.1 | 21.7 |

WCDMA Band 5

| | | | | | | |
|------------------------------------|---------|-------|----------------------------------|-------------------|---------------|-----------------|
| Right Head (Cheek Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 22.50dBm | 0.133 | 22 | 21.6 |
| | 4183 | 836.6 | 22.52dBm | 0.177 | 22 | 21.6 |
| | 4233 | 846.6 | 23.02dBm | 0.181 | 22 | 21.6 |

| Left Head (Cheek Position) | | | | | | |
|---------------------------------------|---------|-------|----------------------------------|-------------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 22.50dBm | 0.152 | 22 | 21.6 |
| | 4183 | 836.6 | 22.52dBm | 0.248 | 22 | 21.6 |
| | 4233 | 846.6 | 23.02dBm | 0.265 | 22 | 21.6 |
| Right Head (15° Tilt Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 22.50dBm | 0.102 | 22 | 21.6 |
| | 4183 | 836.6 | 22.52dBm | 0.161 | 22 | 21.6 |
| | 4233 | 846.6 | 23.02dBm | 0.182 | 22 | 21.6 |
| Left Head (15° Tilt Position) | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 22.50dBm | 0.123 | 22 | 21.6 |
| | 4183 | 836.6 | 22.52dBm | 0.192 | 22 | 21.6 |
| | 4233 | 846.6 | 23.02dBm | 0.265 | 22 | 21.6 |
| Body worn | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 22.50dBm | 0.582 | 22.1 | 21.7 |
| | 4183 | 836.6 | 22.52dBm | 0.544 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.02dBm | 0.433 | 22.1 | 21.7 |

Note: SAR measurement results for the Mobile Phone at maximum output power.

3. Instruments List

| Manufacturer | Device | Type | Serial number | Date of last calibration |
|---------------------------------|--|-------------------------|---------------|-----------------------------|
| Schmid & Partner Engineering AG | Dosimetric E-Field Probe | EX3DV3 | 3526 | Aug.25.2006 |
| Schmid & Partner Engineering AG | 900/1900 MHz System Validation Dipole | D900V2 D1900V2 | 178 5d027 | Feb.19.2007 Mar.20.2007 |
| Schmid & Partner Engineering AG | Data acquisition Electronics | DAE4 | 547 | Mar.21.2007 |
| Schmid & Partner Engineering AG | Software | DASY 4 V4.7 Build 53 | N/A | Calibration isn't necessary |
| Schmid & Partner Engineering AG | Phantom | SAM | N/A | Calibration isn't necessary |
| Agilent | Network Analyzer | 8753D | 3410A05547 | Nov.16.2006 |
| Agilent | Dielectric Probe Kit | 85070D | US01440168 | Calibration isn't necessary |
| Agilent | Dual-directional coupler | 778D | 50313 | Sep.01.2006 |
| Agilent | RF Signal Generator | 8648D | 3847M00432 | May.22.2007 |
| Agilent | Power Sensor | 8481H | MY41091361 | Jun.04.2007 |
| Agilent | 8960 Series 10 Wireless Communication Tester | 8960 | GB44051912 | Nov.28.2006 |

4. Measurements

RE Cheek_CH128

Date/Time: 2007/7/20 05:51:41

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.082 mW/g

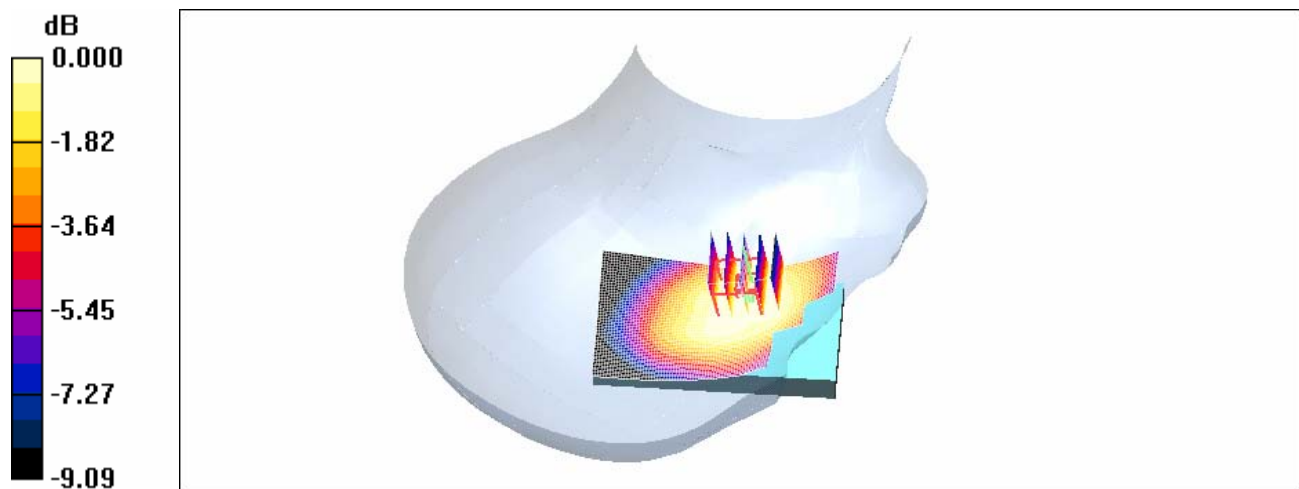
RE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.24 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.055 mW/g

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



0 dB = 0.079mW/g

RE Cheek_CH190

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.116 mW/g

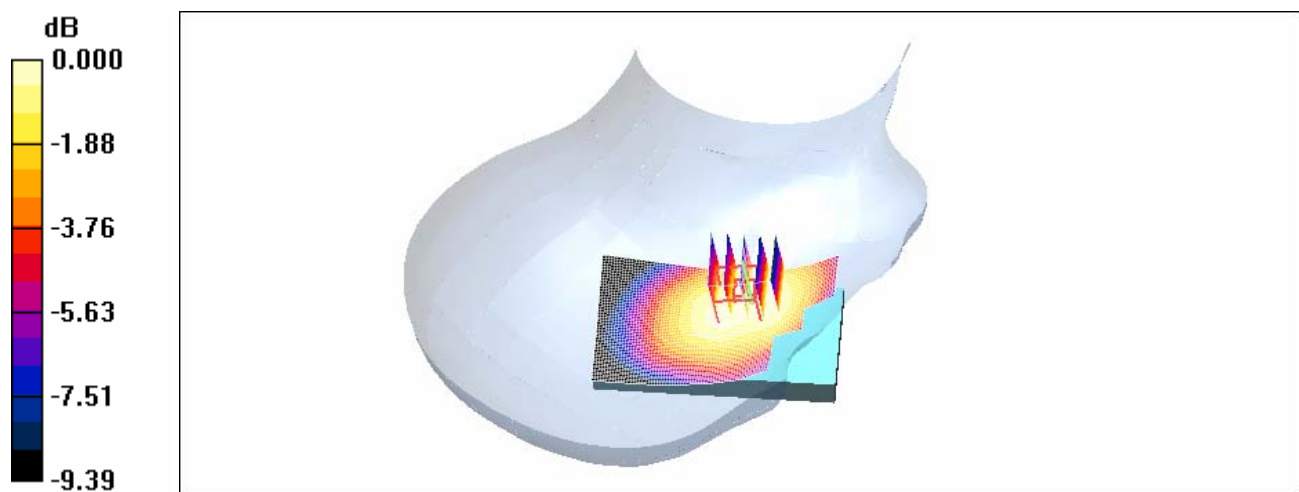
RE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.51 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.080 mW/g

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



0 dB = 0.113mW/g

RE Cheek_CH251

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3
Medium: Head 850 MHz Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.191 mW/g

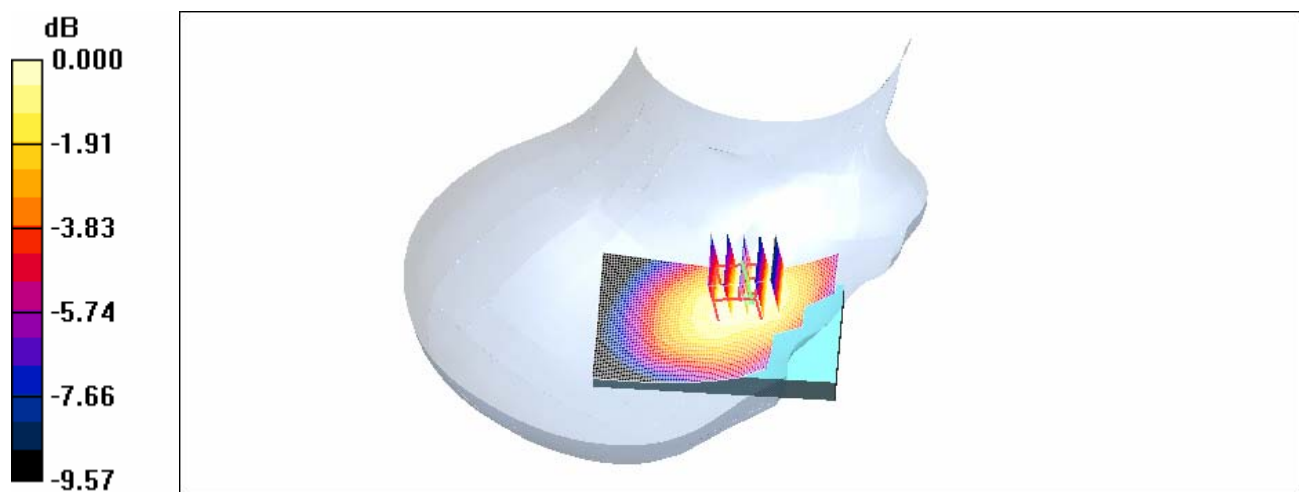
RE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.03 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.134 mW/g

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



0 dB = 0.190mW/g

LE Cheek_CH128

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Cheek/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.087 mW/g

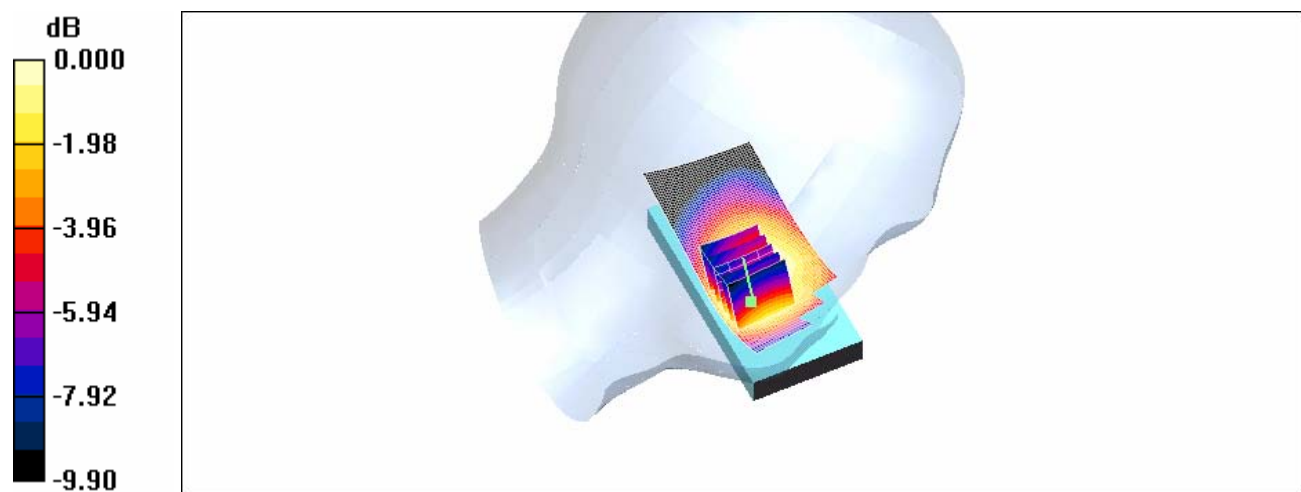
LE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.84 V/m; Power Drift = 0.188 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.058 mW/g

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



LE Cheek_CH190

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Cheek/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.131 mW/g

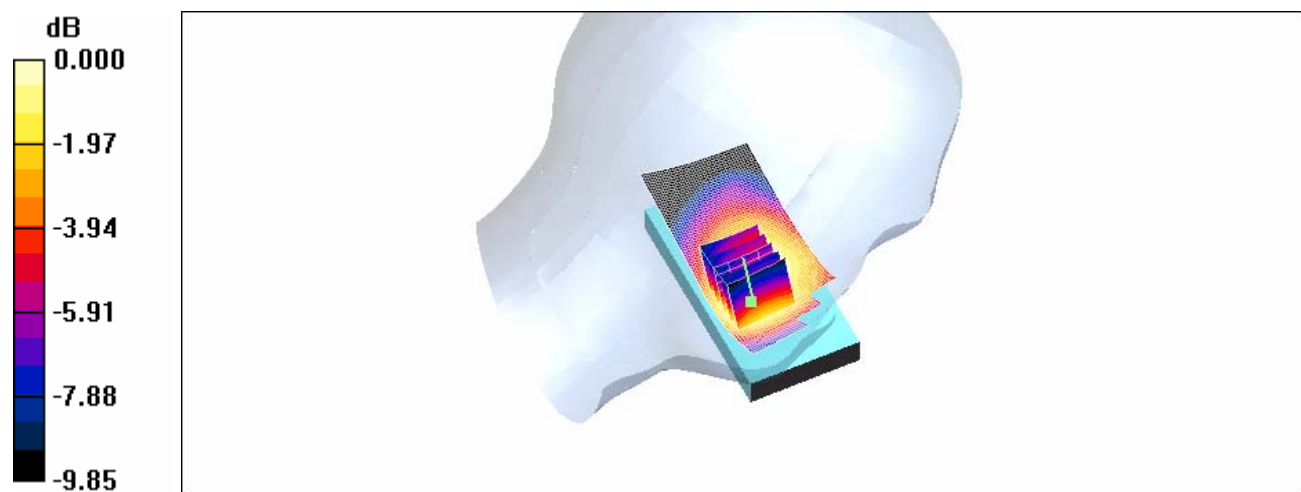
LE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.70 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.125 mW/g



LE Cheek_CH251

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Cheek/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

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

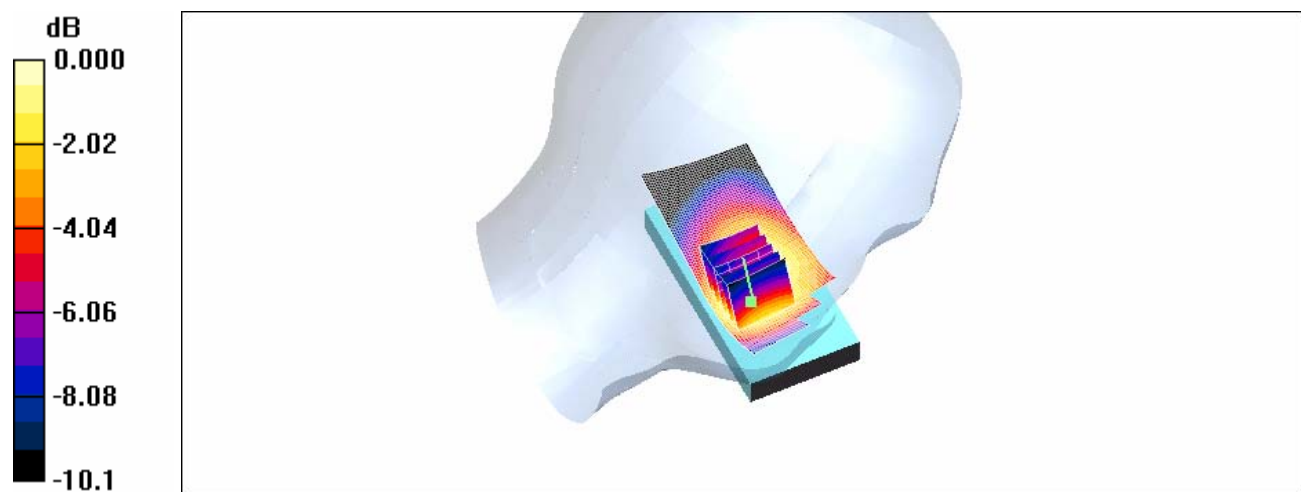
LE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.04 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



0 dB = 0.211mW/g

RE Tilt_CH128

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.075 mW/g

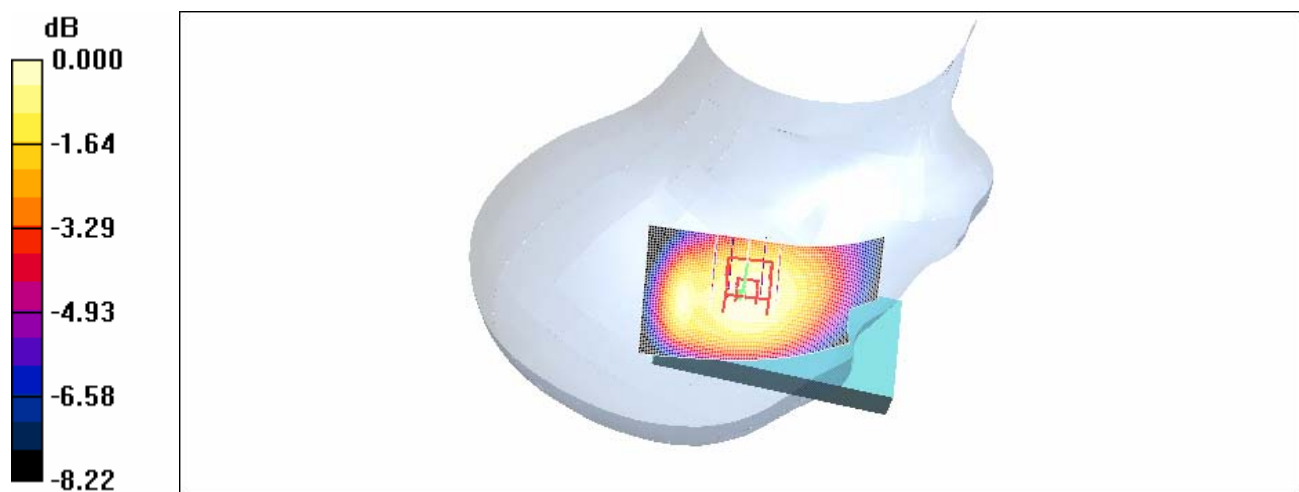
RE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.98 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.057 mW/g

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



0 dB = 0.076mW/g

RE Tilt_CH190

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.102 mW/g

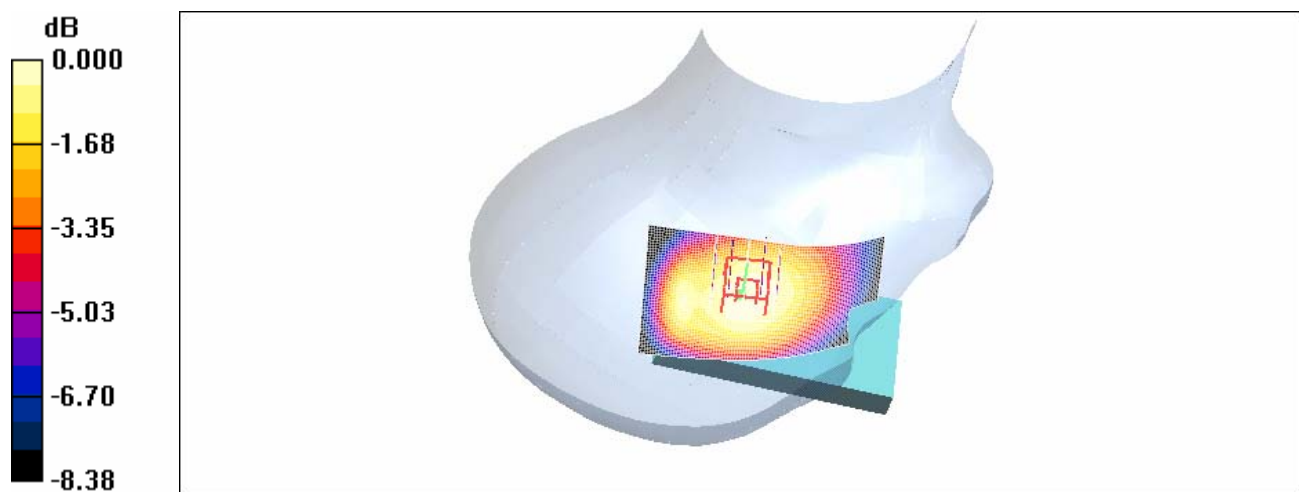
RE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.13 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.103mW/g

RE Tilt_CH251

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.153 mW/g

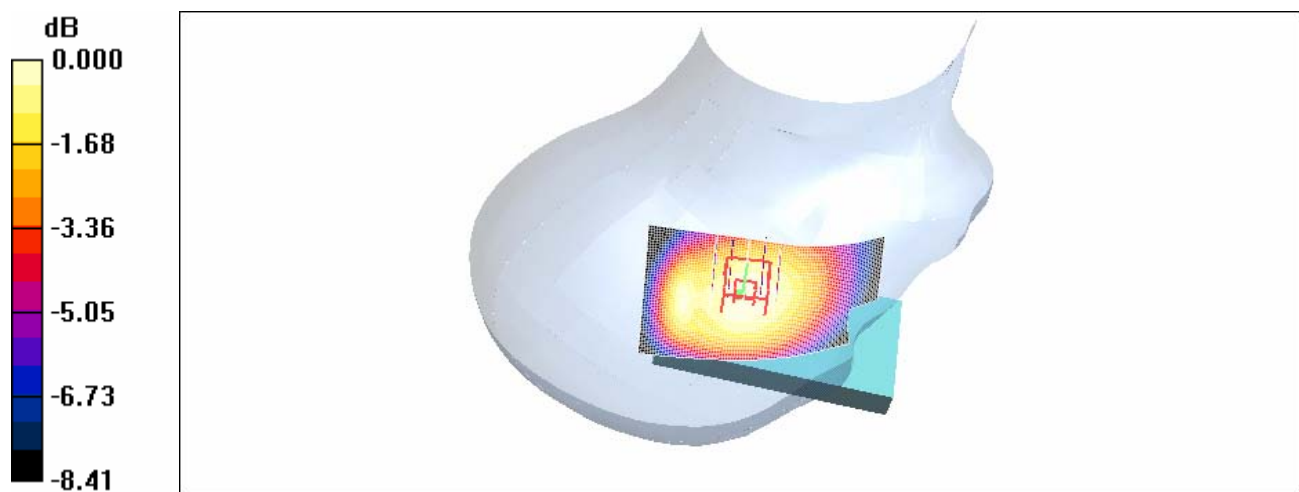
RE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = 0.005 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.154mW/g

LE Tilt_CH128

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.897$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Tilt/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.075 mW/g

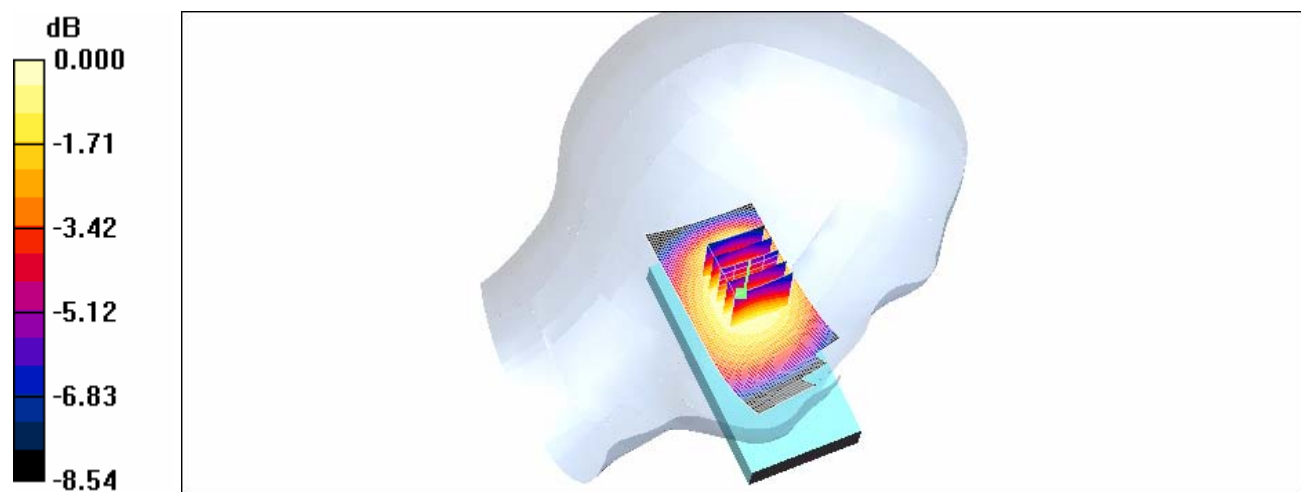
LE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.66 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.056 mW/g

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



LE Tilt_CH190

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.909$ mho/m; $\epsilon_r = 42.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Tilt/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.105 mW/g

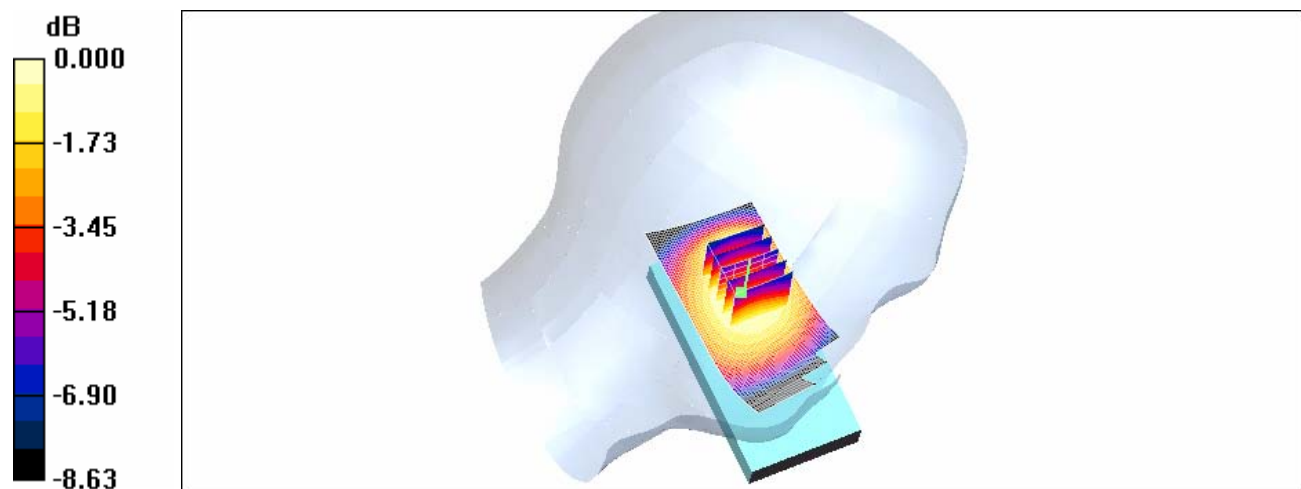
LE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.04 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.107 mW/g



0 dB = 0.107mW/g

LE Tilt_CH251

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

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

Medium: Head 850 MHz Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.921$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Tilt/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.166 mW/g

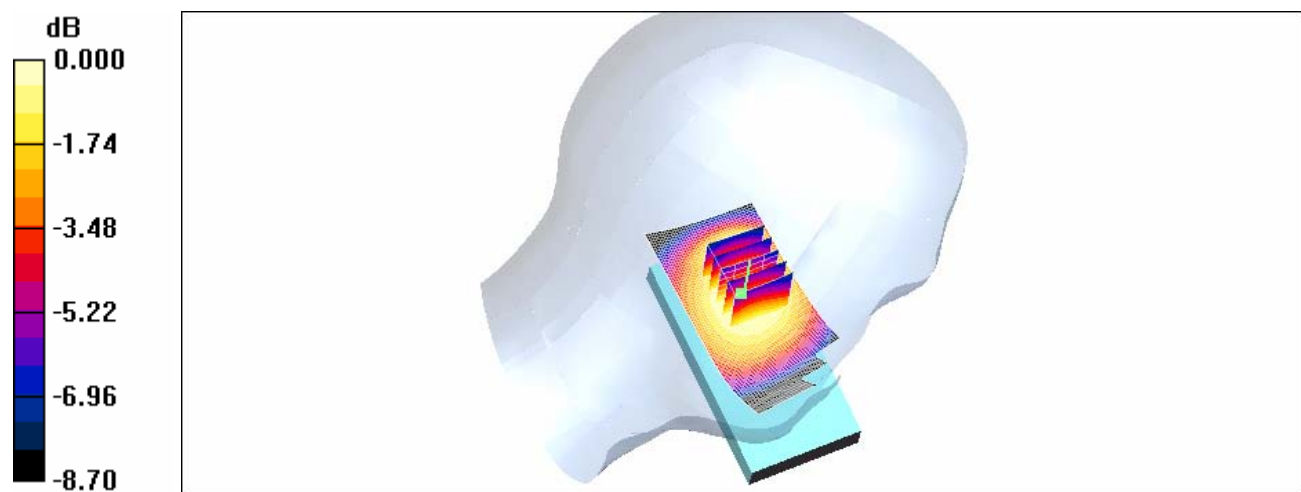
LE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.124 mW/g

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



Body_CH128

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.23 mW/g

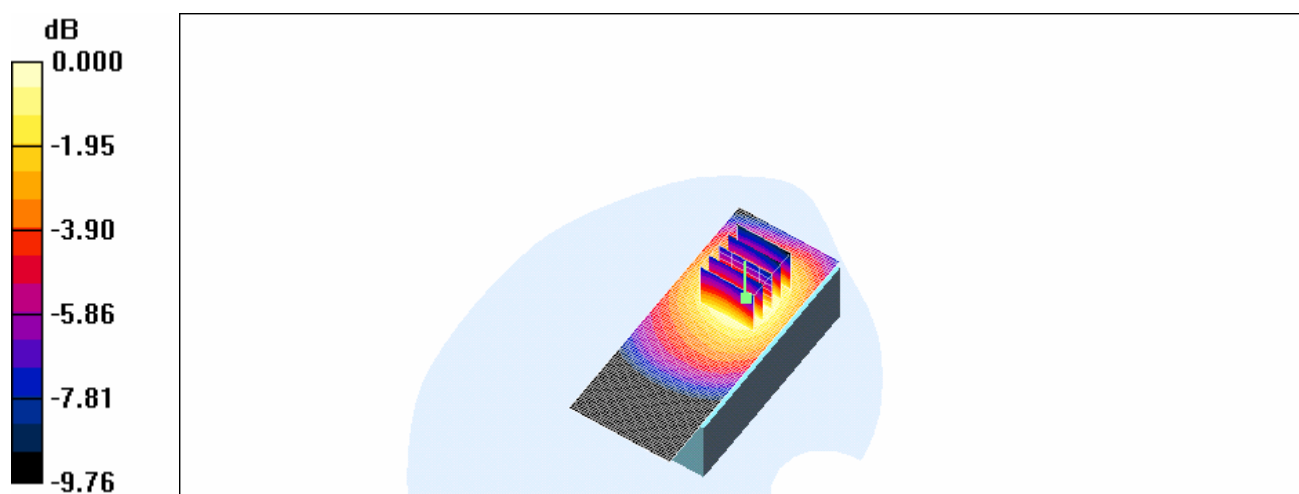
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.833 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



Body_CH190

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.965$ mho/m;

$\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.00 mW/g

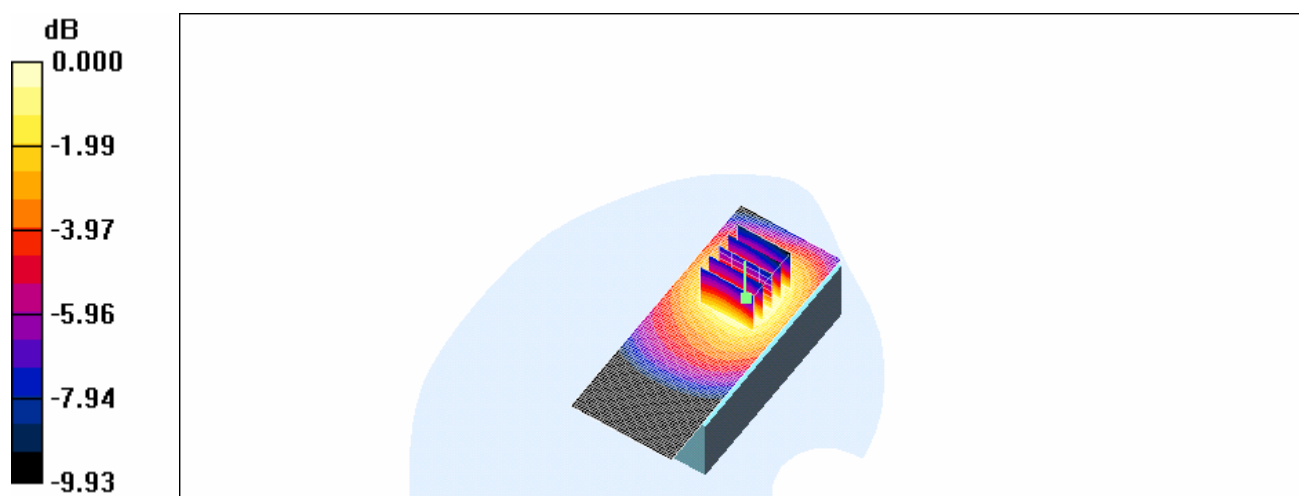
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.16 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.671 mW/g

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



0 dB = 1.01mW/g

Body_CH251

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.977$ mho/m;

$\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.766 mW/g

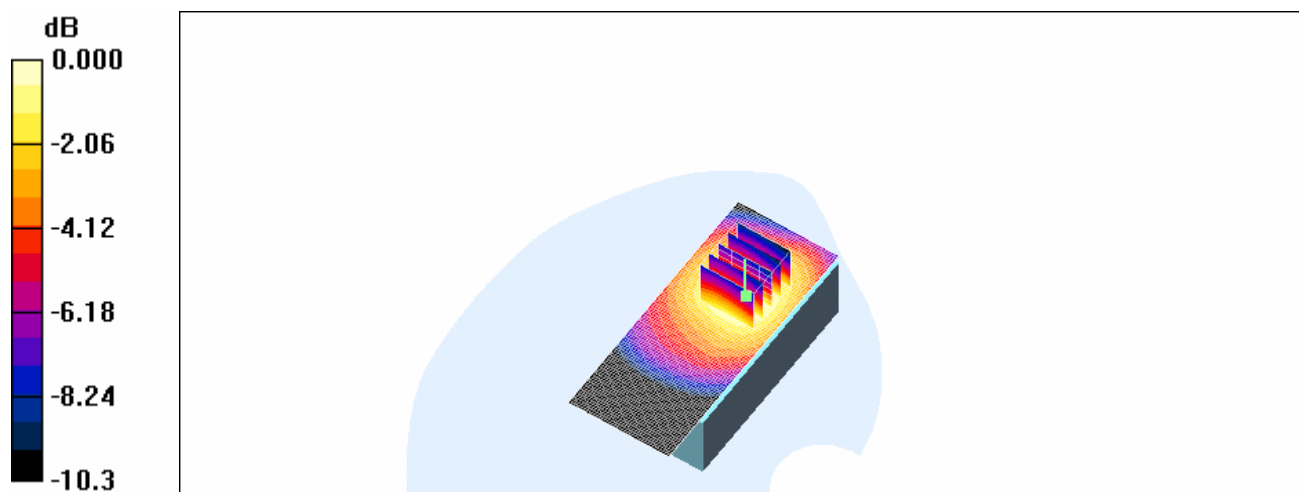
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.99 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.779 mW/g



0 dB = 0.779mW/g

Body_CH128 repeated for EUT front to Phantom

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

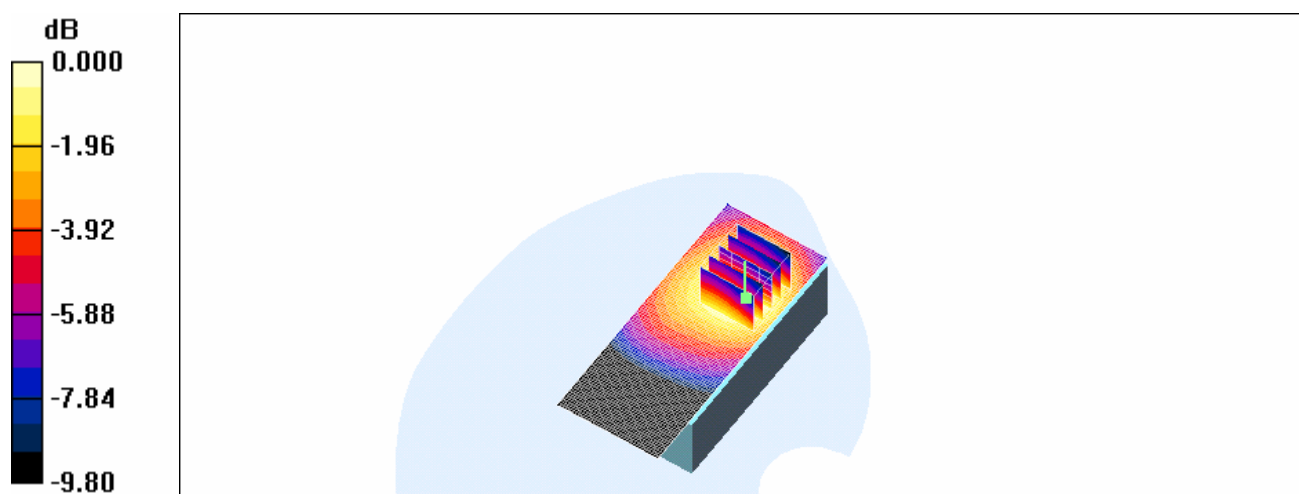
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.61 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.761 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.402 mW/g

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



Body_CH128 repeated with Headset

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.990 mW/g

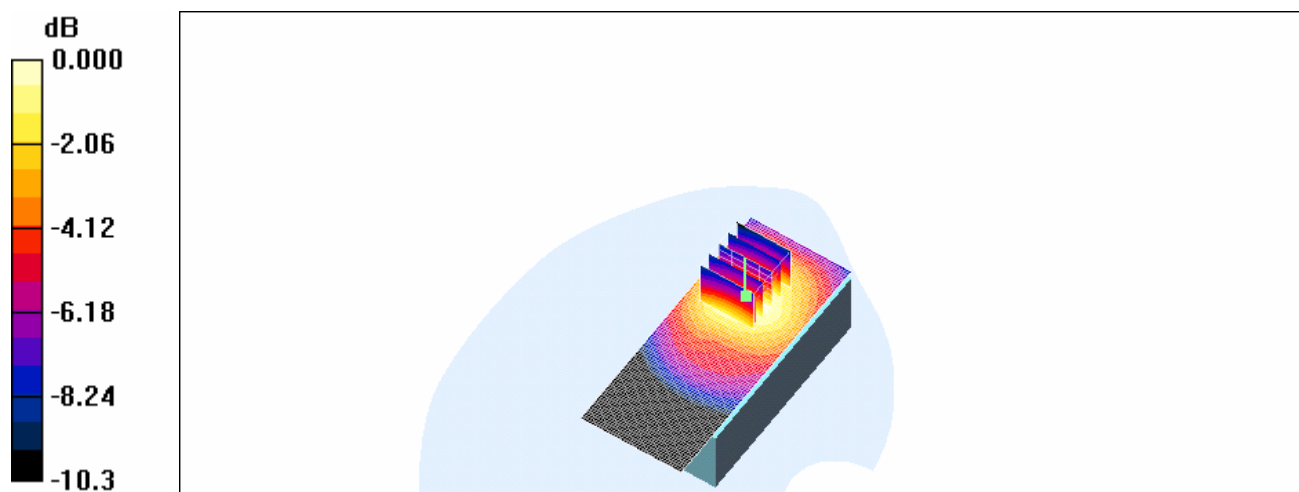
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.75 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.929 mW/g; SAR(10 g) = 0.655 mW/g

Maximum value of SAR (measured) = 0.991 mW/g



Body_CH128 repeated with Memory Card

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

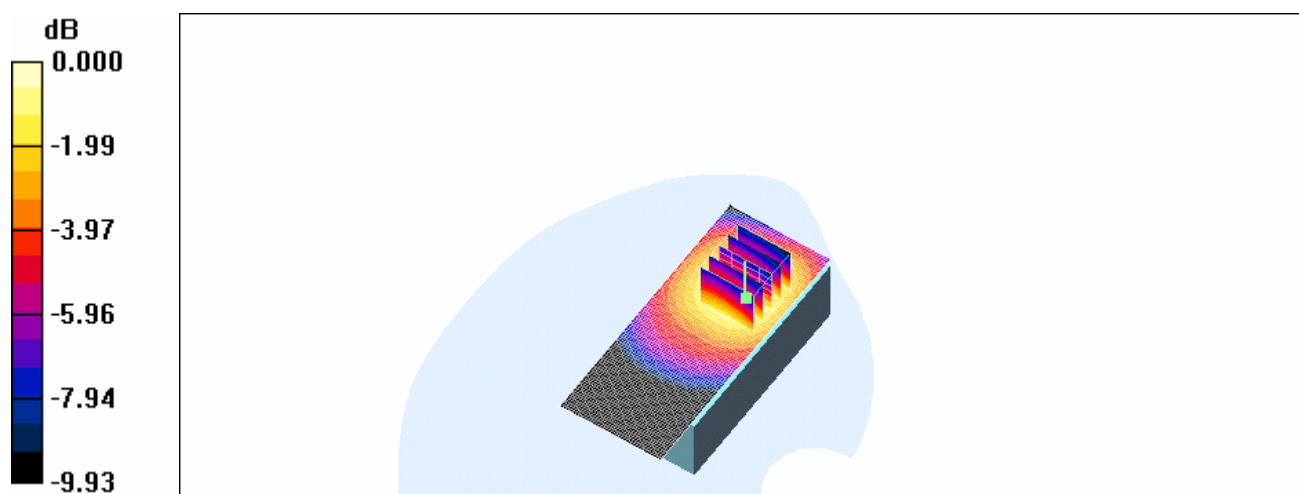
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.57 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.820 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24mW/g

Body_CH128 repeated with Bluetooth active

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

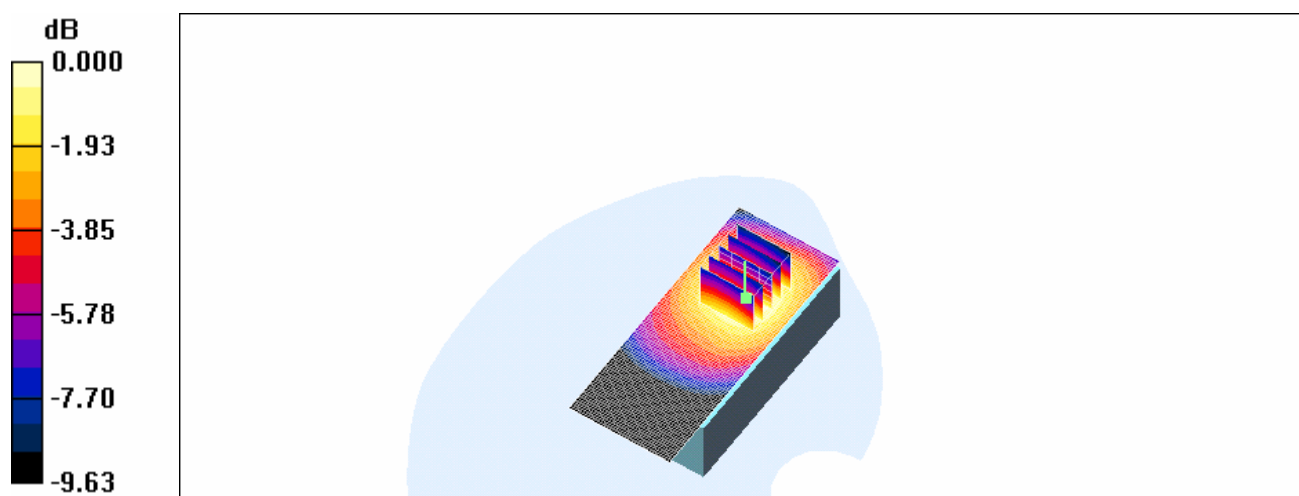
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.12 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.809 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20mW/g

Body_CH128 repeated with WIFI B active

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.33 mW/g

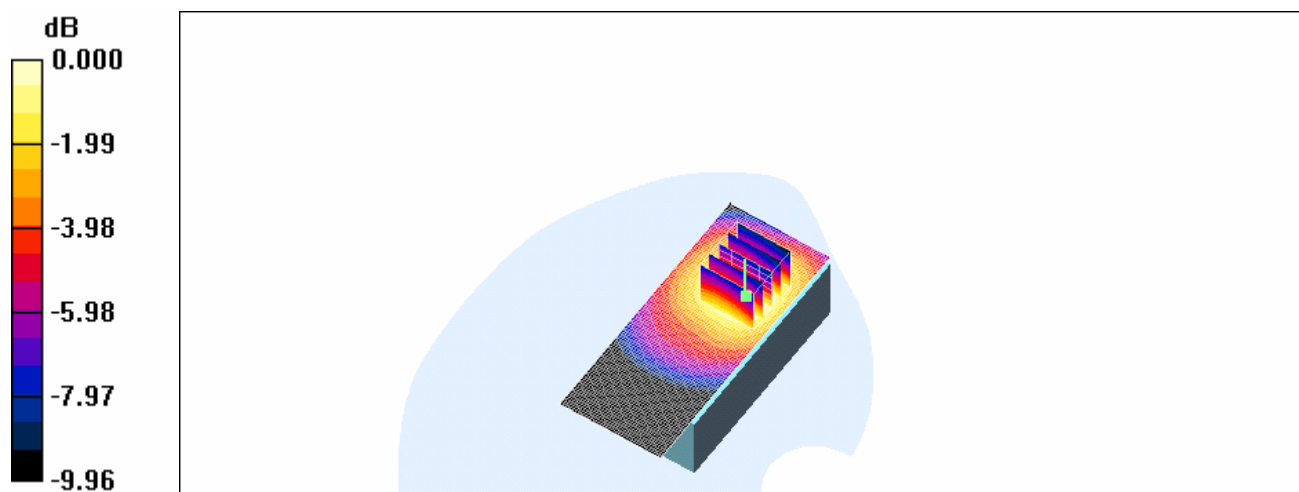
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.16 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.877 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



Body_CH128 repeated with WIFI G active

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.952$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 mW/g

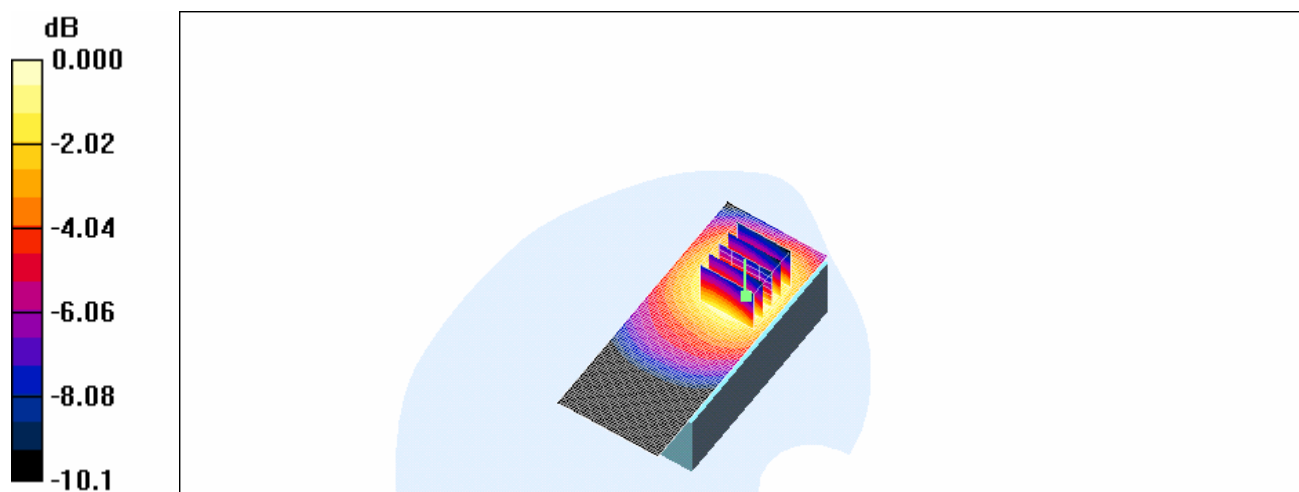
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.13 V/m; Power Drift = -0.065 dB

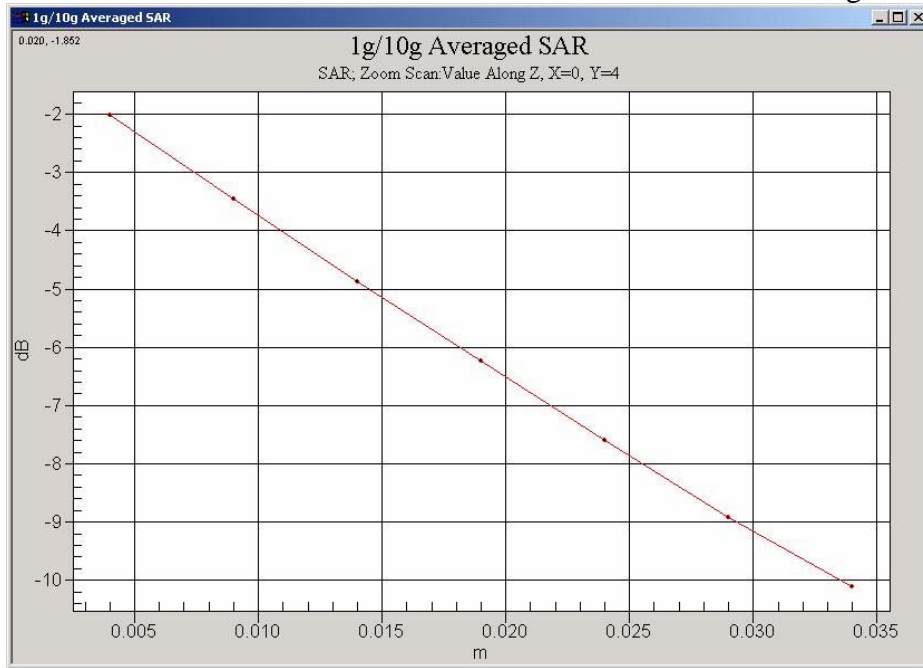
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.880 mW/g

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



0 dB = 1.32mW/g



RE Cheek_CH512

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.831 mW/g

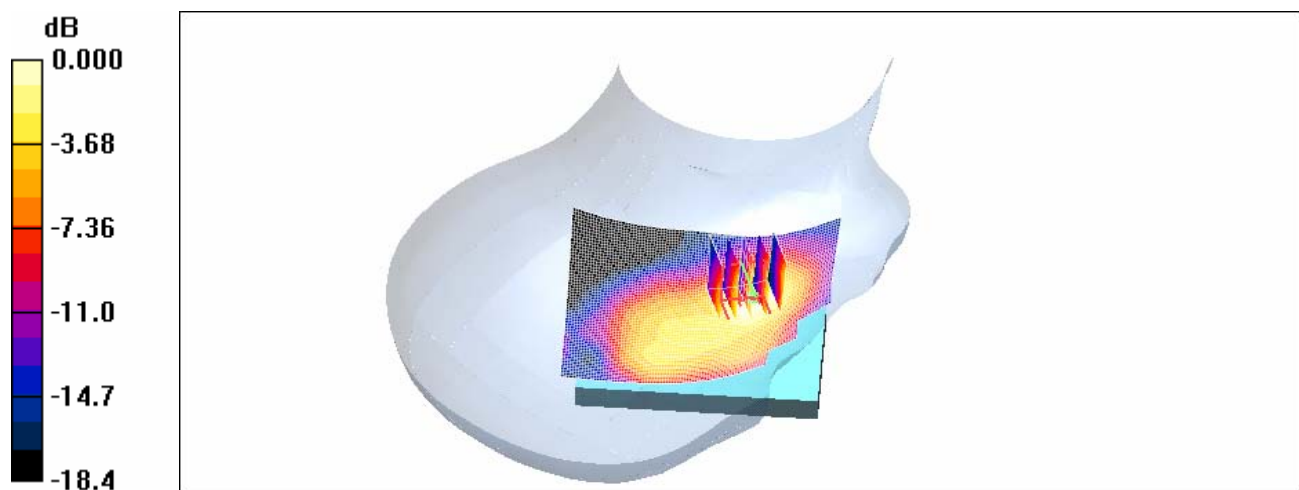
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.24 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.742 mW/g



0 dB = 0.742mW/g

RE Cheek_CH661

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.698 mW/g

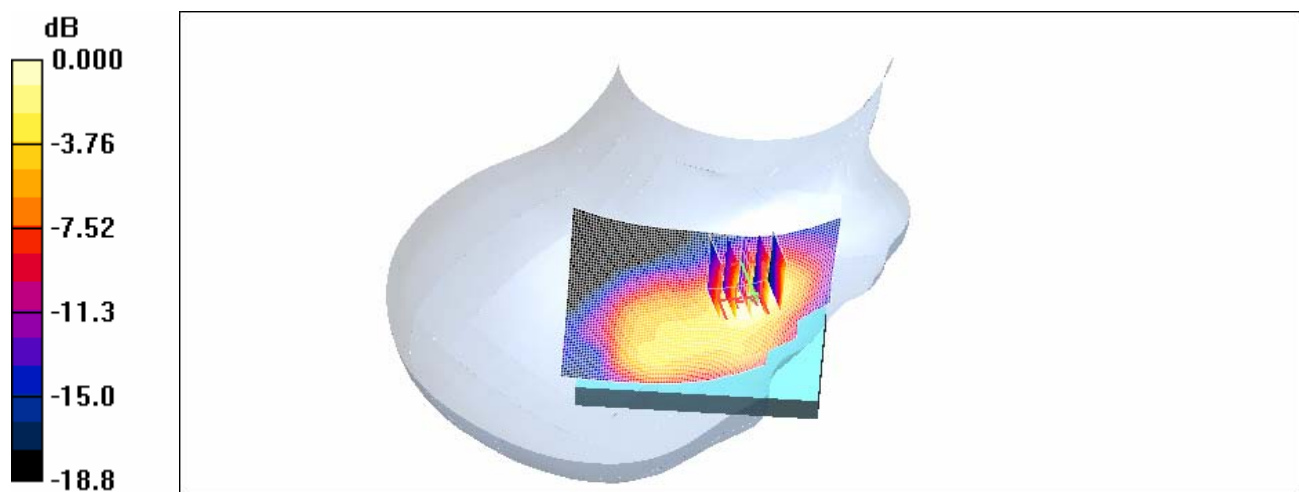
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.307 mW/g

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



0 dB = 0.605mW/g

RE Cheek_CH810

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.610 mW/g

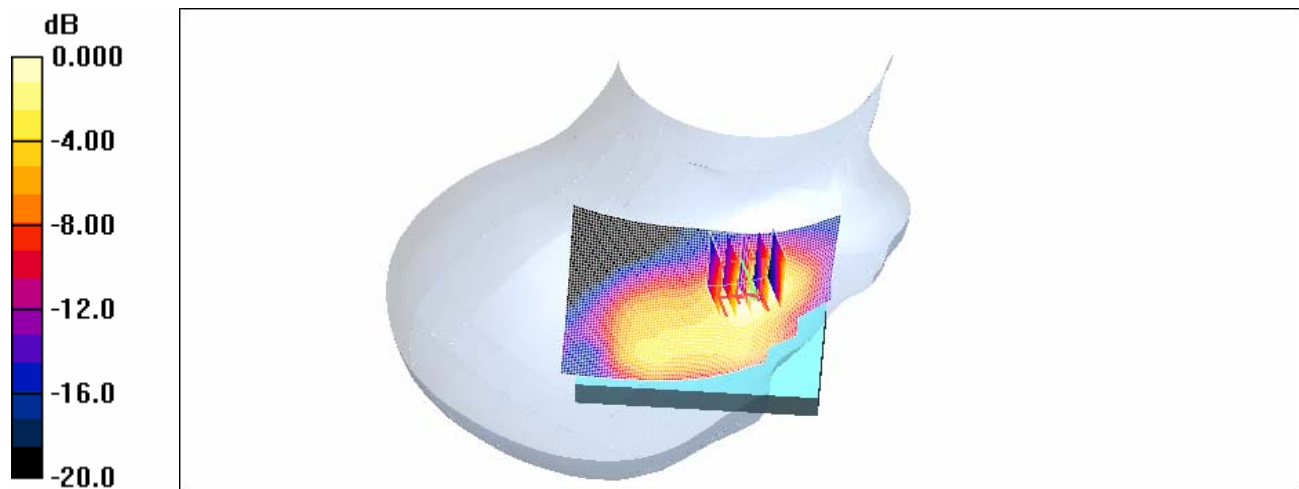
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.19 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



0 dB = 0.531mW/g

LE Cheek_CH512

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Cheek/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.411 mW/g

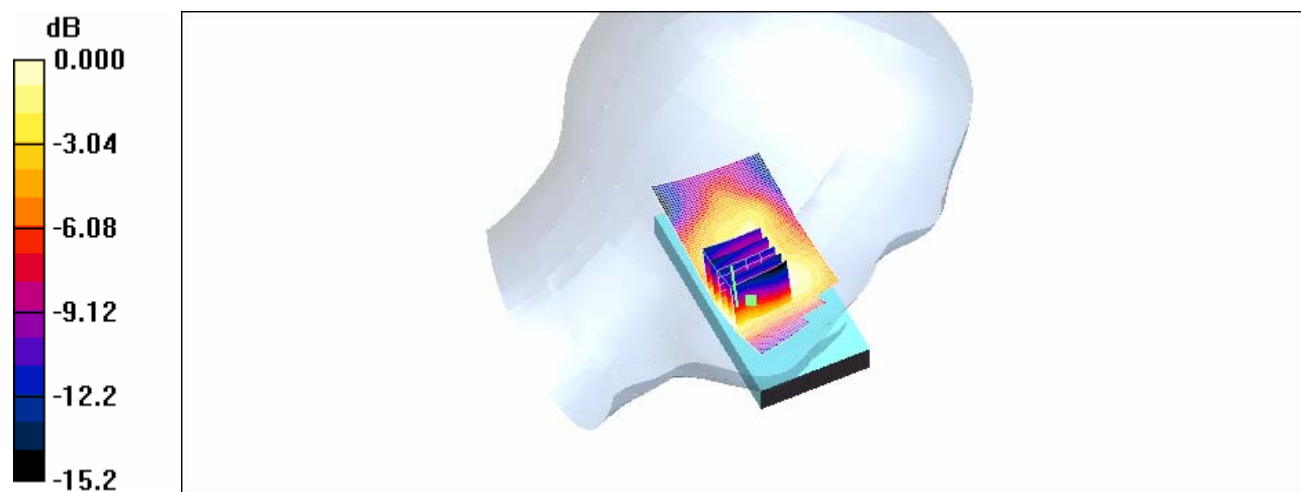
LE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.661 W/kg

SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.235 mW/g

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



LE Cheek_CH661

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Cheek/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.356 mW/g

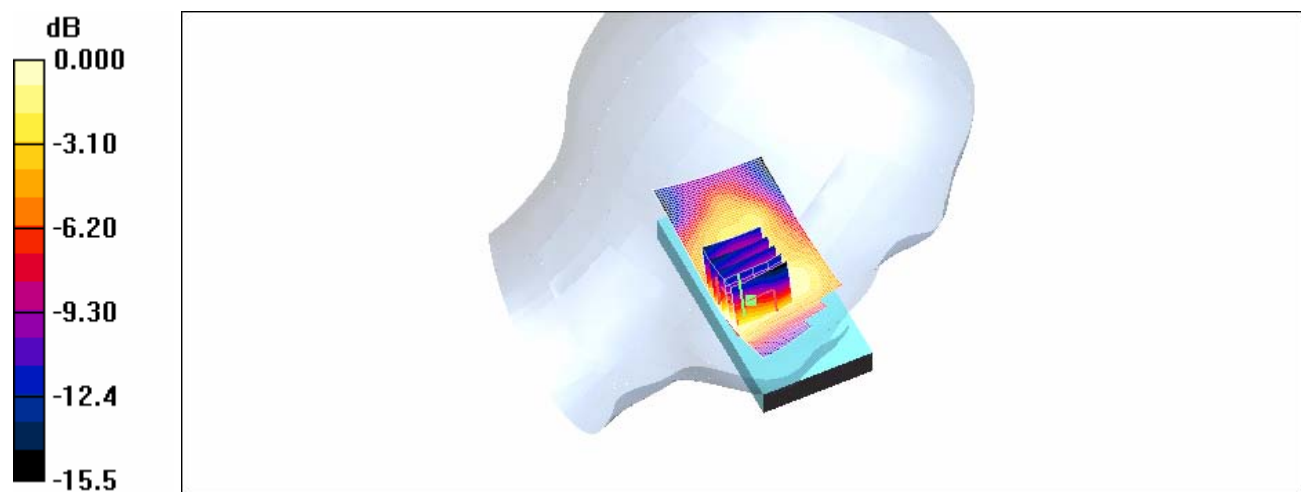
LE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.41 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.372 mW/g



0 dB = 0.372mW/g

LE Cheek_CH810

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Cheek/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.357 mW/g

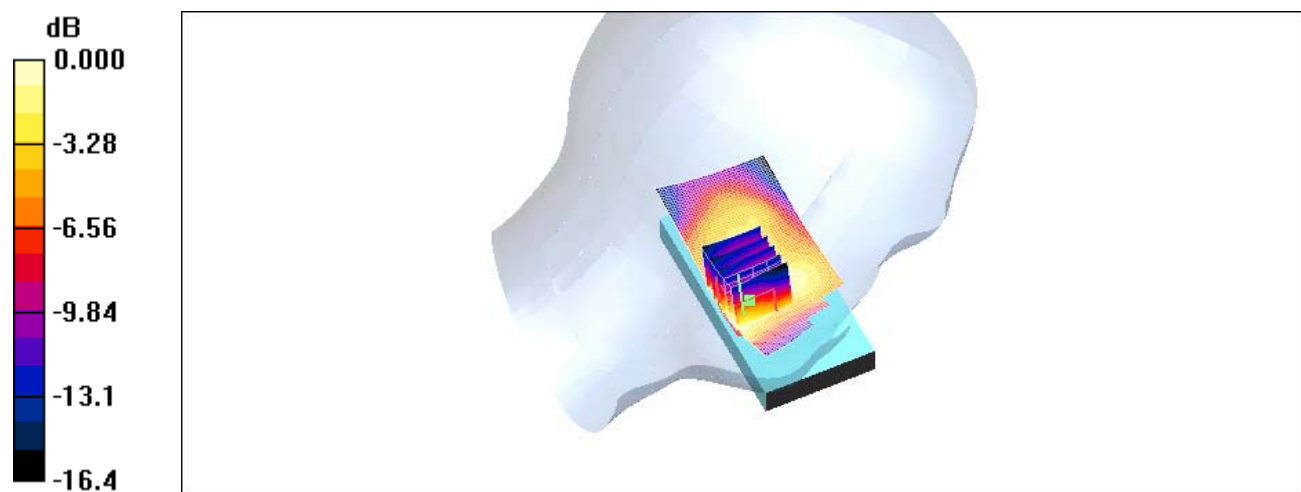
LE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.92 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.601 W/kg

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.376 mW/g



RE Tilt_CH512

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 mW/g

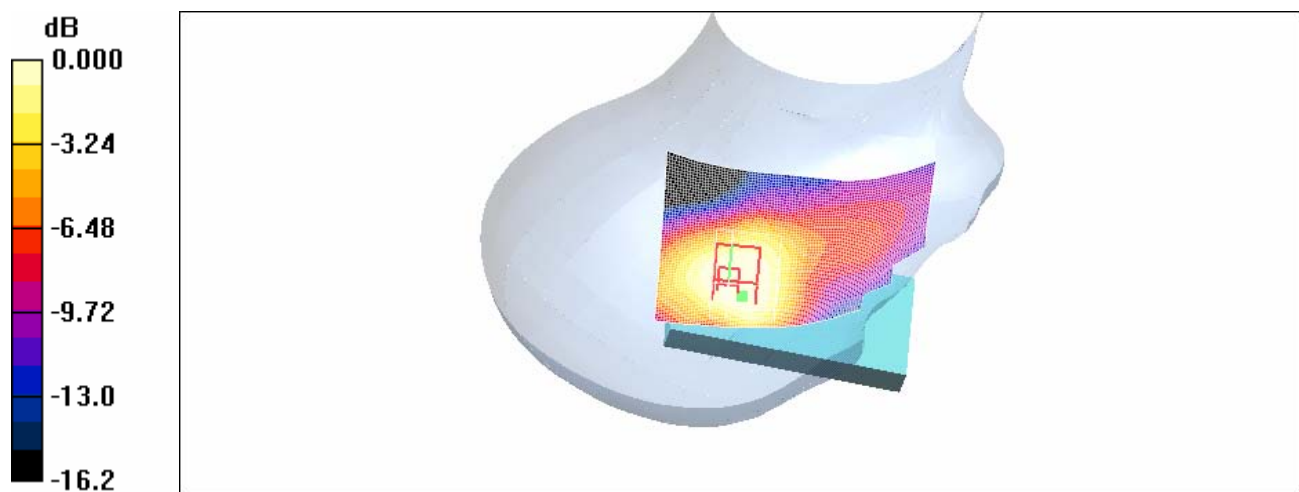
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

RE Tilt_CH661

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.230 mW/g

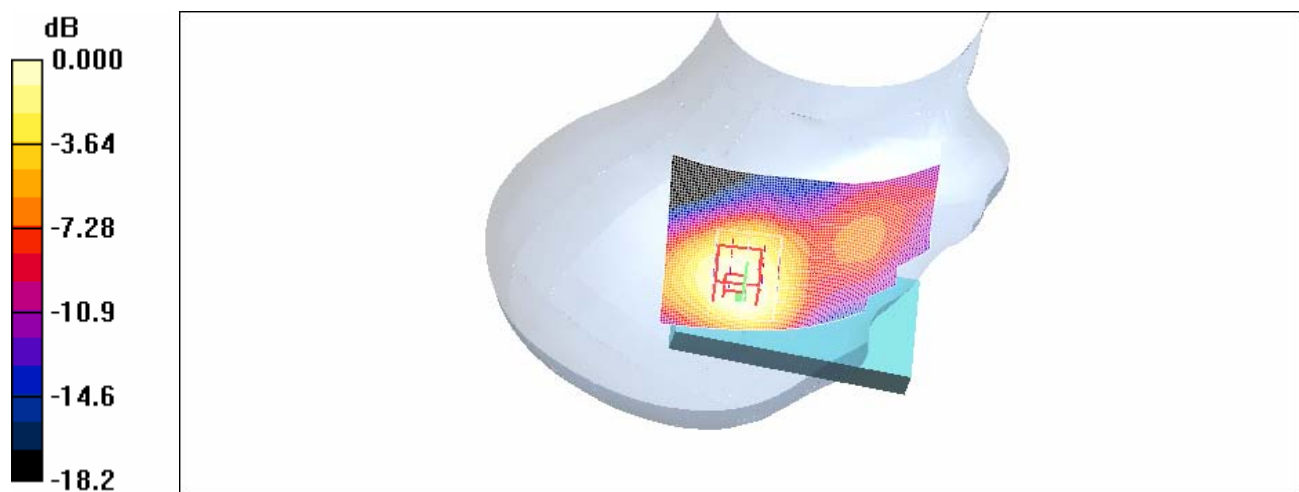
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.133 mW/g

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



0 dB = 0.221mW/g

RE Tilt_CH810

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.206 mW/g

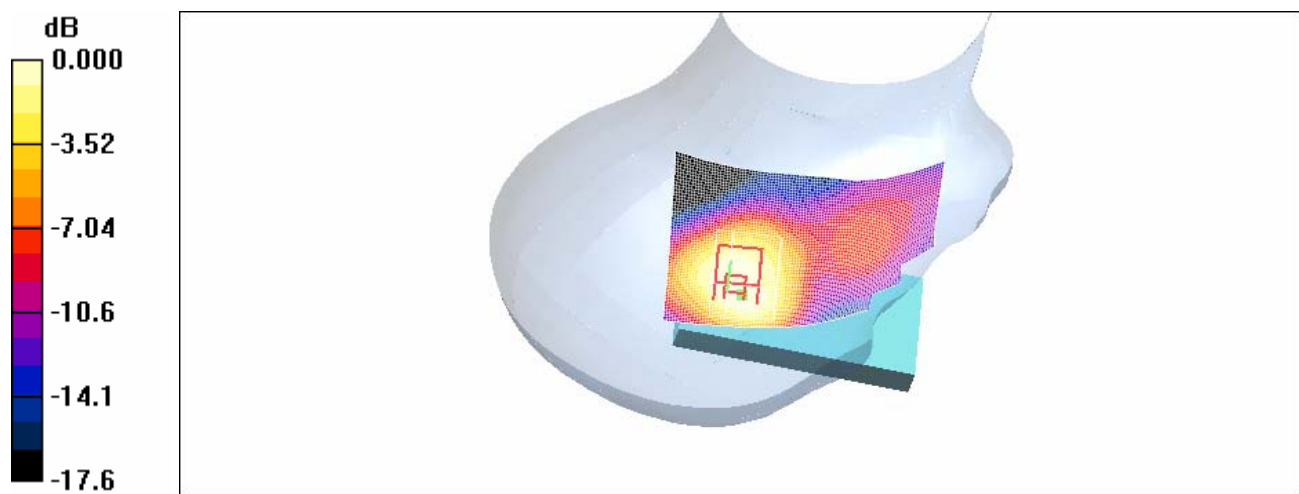
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.88 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.285 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



LE Tilt_CH512

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.35$ mho/m;
 $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Tilt/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.243 mW/g

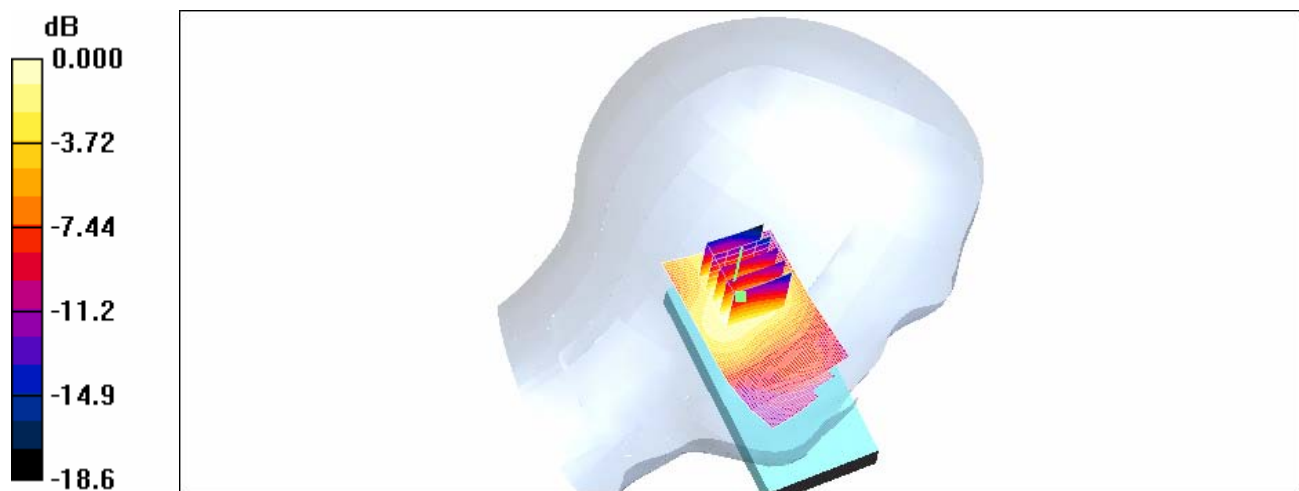
LE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.241 mW/g



0 dB = 0.241mW/g

LE Tilt_CH661

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Tilt/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.216 mW/g

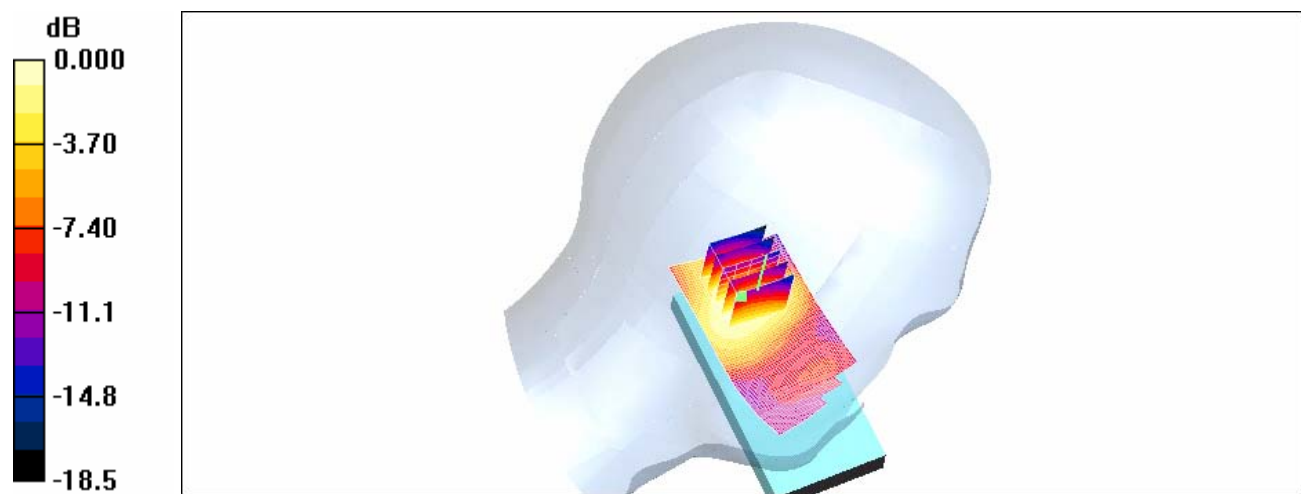
LE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



LE Tilt_CH810

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: Head 1900 MHz Medium parameters used: $f = 1910$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE Tilt/Area Scan (41x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.178 mW/g

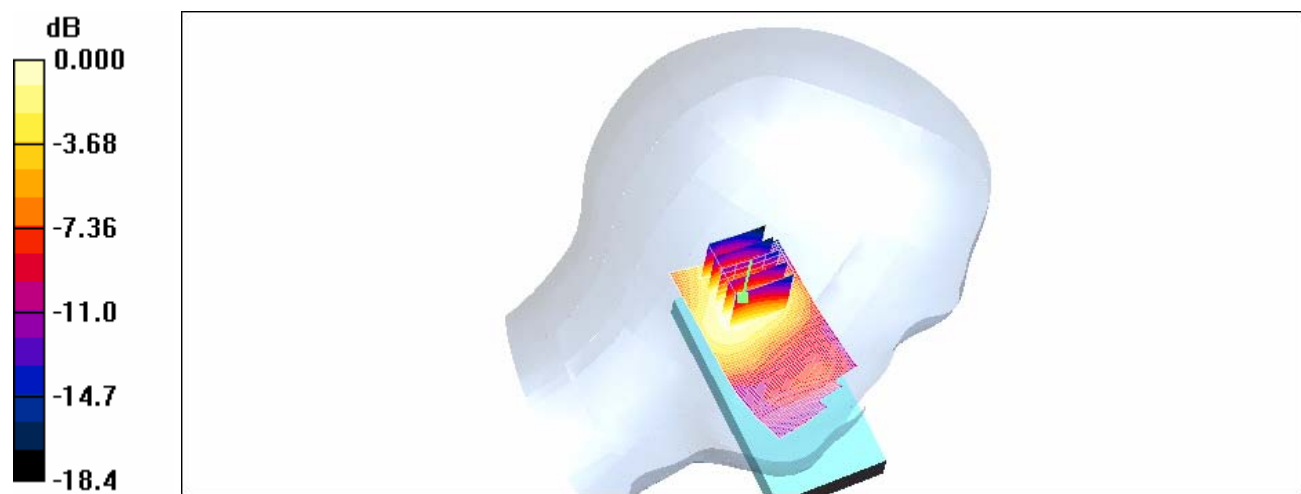
LE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.102 mW/g

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



Body_CH512

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.702 mW/g

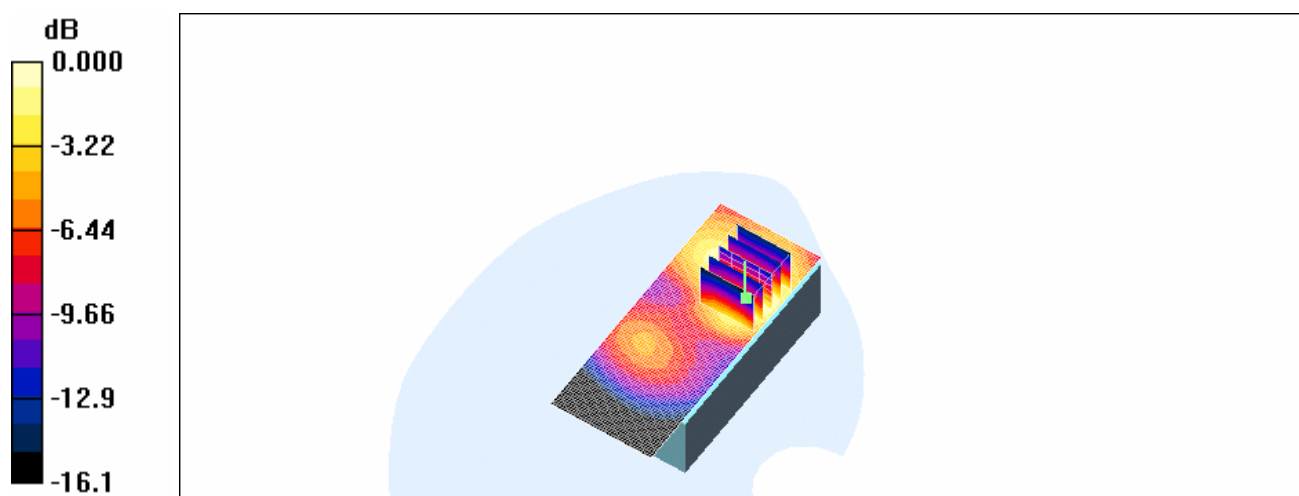
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.88 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.355 mW/g

Maximum value of SAR (measured) = 0.665 mW/g



0 dB = 0.665mW/g

Body_CH661

DUT: Ultimate 8150; Type: IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

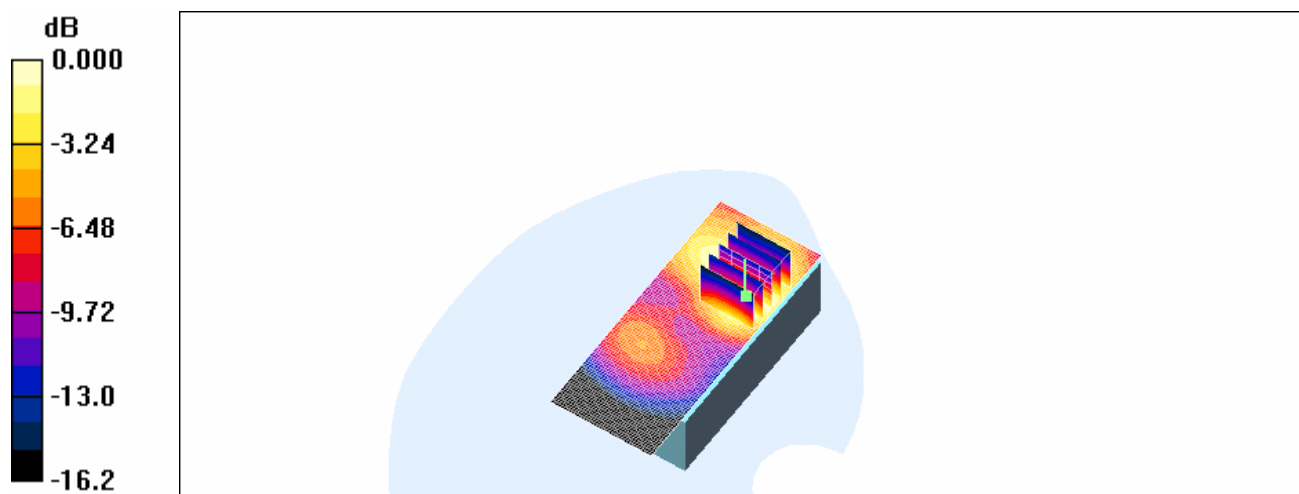
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.22 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.266 mW/g

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



0 dB = 0.503mW/g

Body_CH810

DUT: Ultimate 8150; Type: GSM; IMEI: 355686010030556

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: M1800 & 1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.473 mW/g

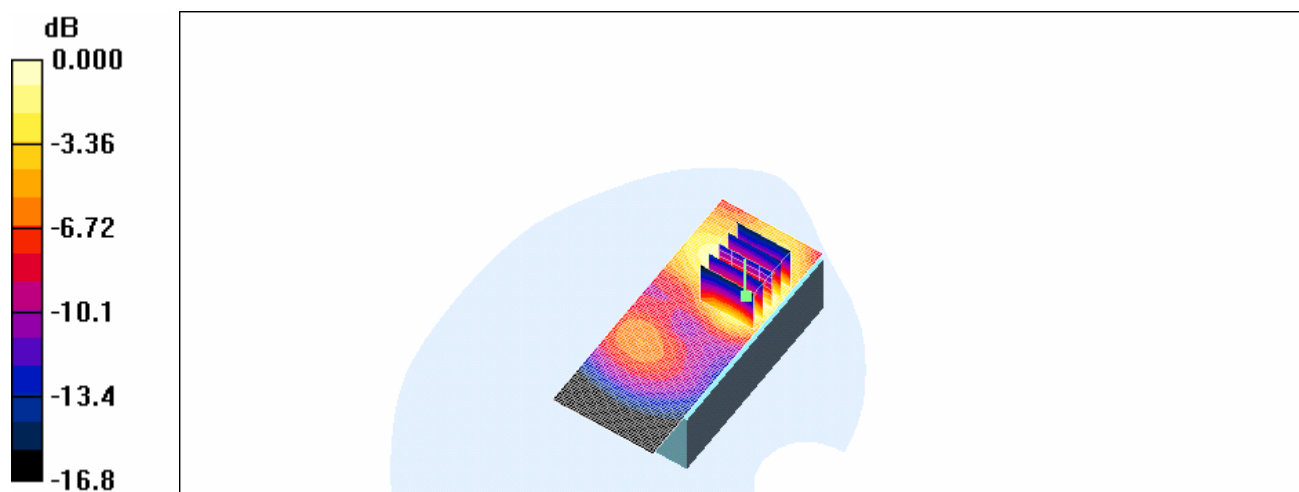
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.97 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.238 mW/g

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



0 dB = 0.463mW/g

RE Cheek_CH9262

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.766 mW/g

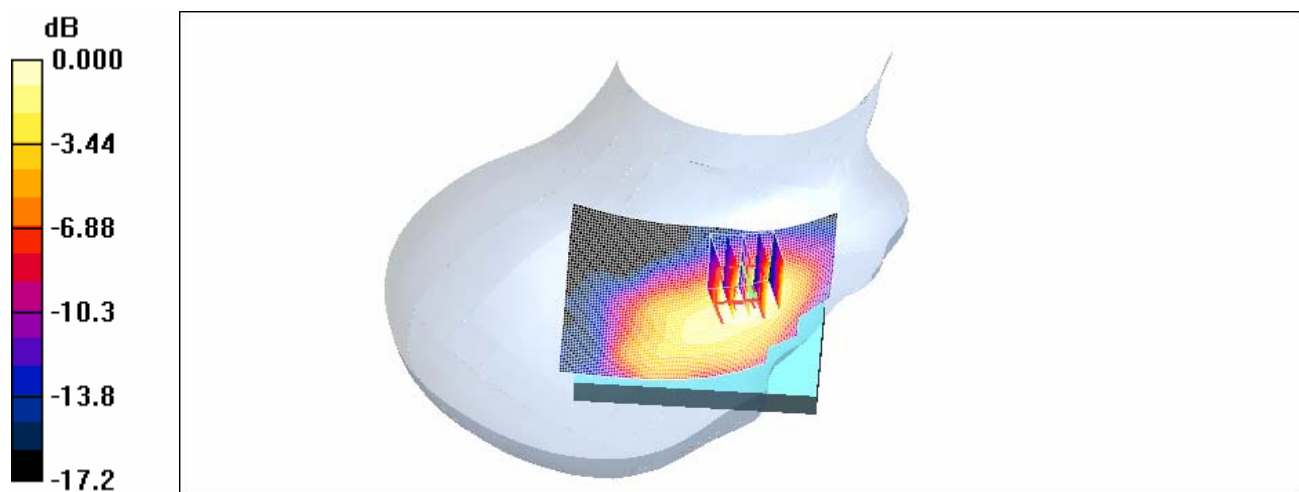
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.06 V/m; Power Drift = 0.198 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.387 mW/g

Maximum value of SAR (measured) = 0.729 mW/g



0 dB = 0.729mW/g

RE Cheek_CH9400

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.676 mW/g

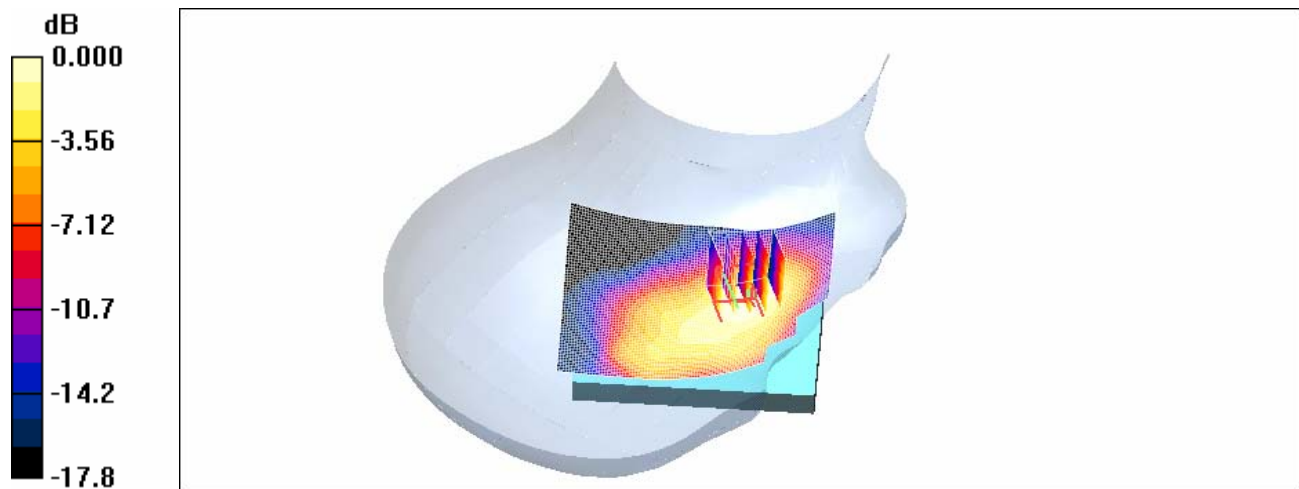
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.41 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.583 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 0.618 mW/g



0 dB = 0.618mW/g

RE Cheek_CH9538

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.653 mW/g

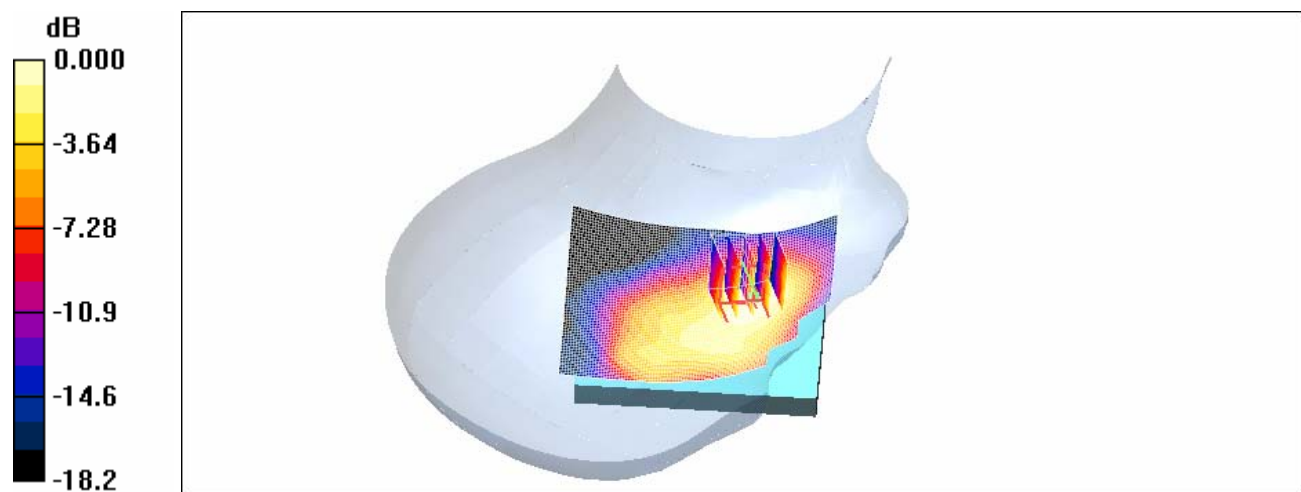
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.30 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.306 mW/g

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



0 dB = 0.581mW/g

LE Cheek_CH9262

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.372 mW/g

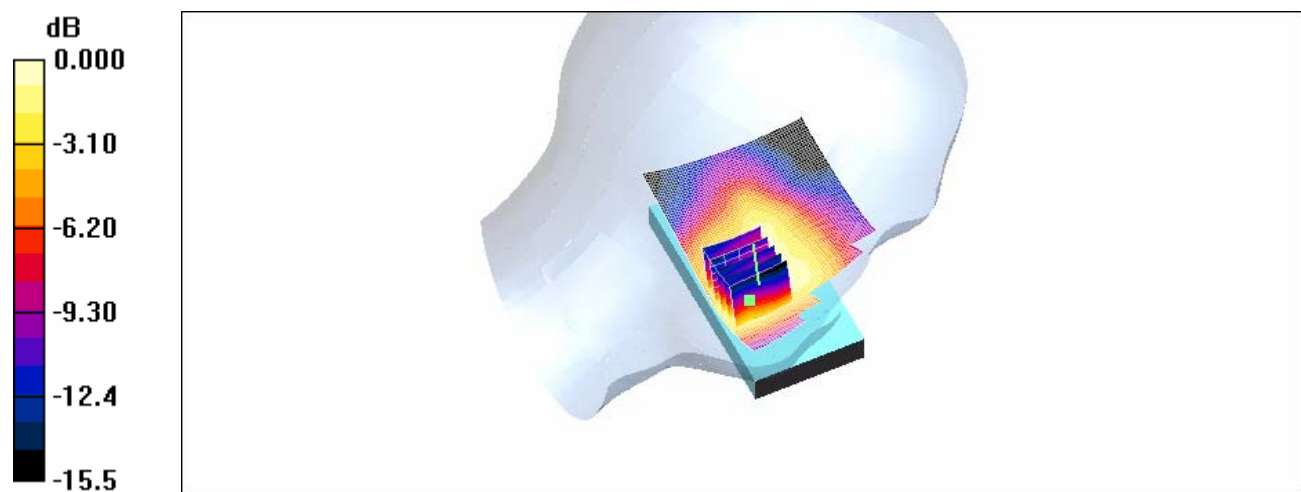
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.83 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.216 mW/g

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



LE Cheek_CH9400

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

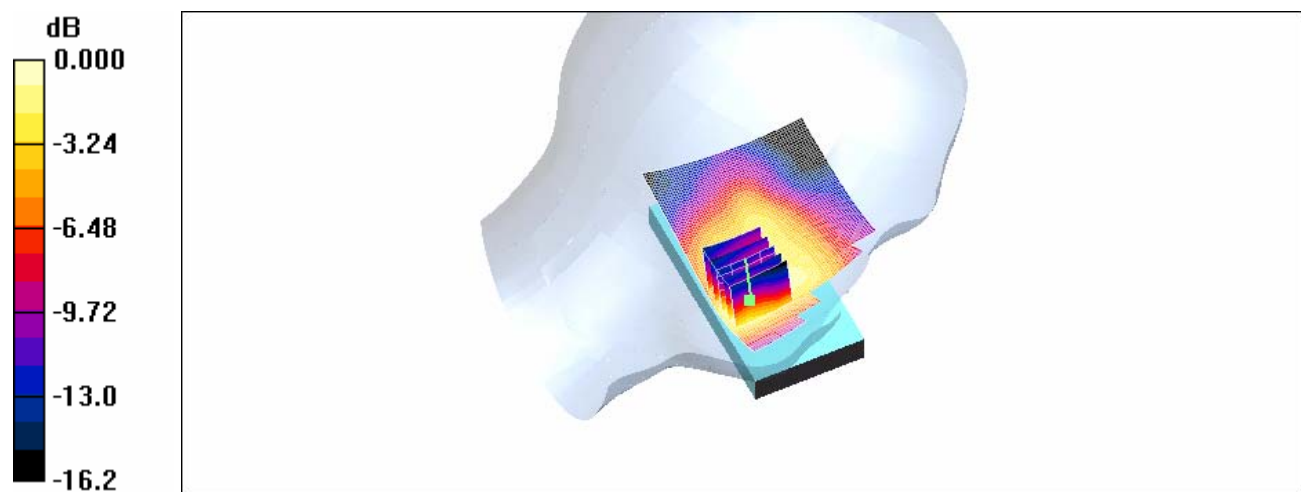
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.48 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.224 mW/g

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



LE Cheek_CH9538

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.502 mW/g

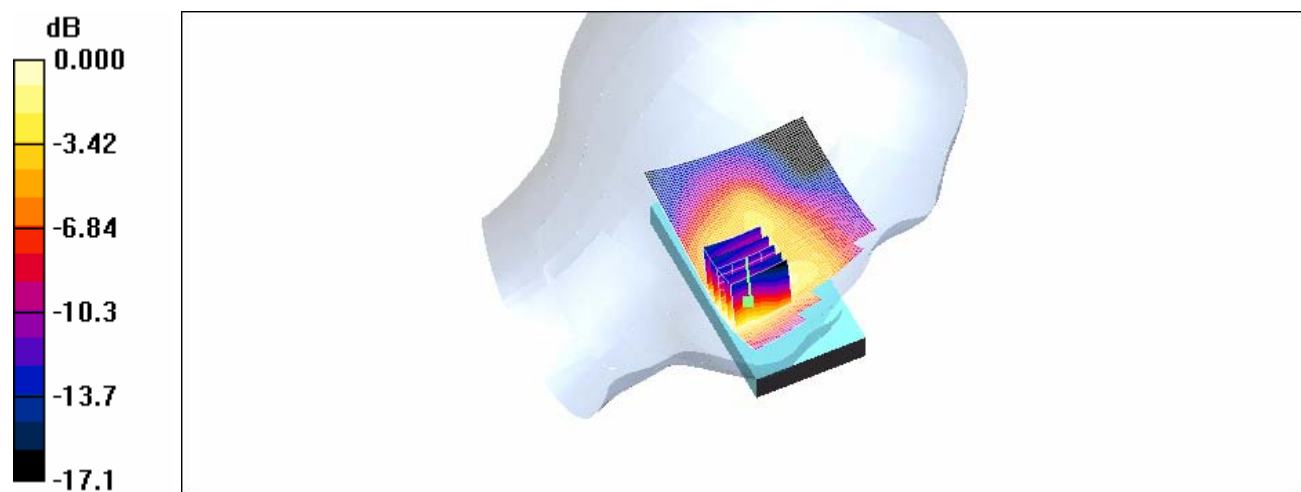
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.16 V/m; Power Drift = 0.227 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.488 mW/g



0 dB = 0.488mW/g

RE Tilt_CH9262

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

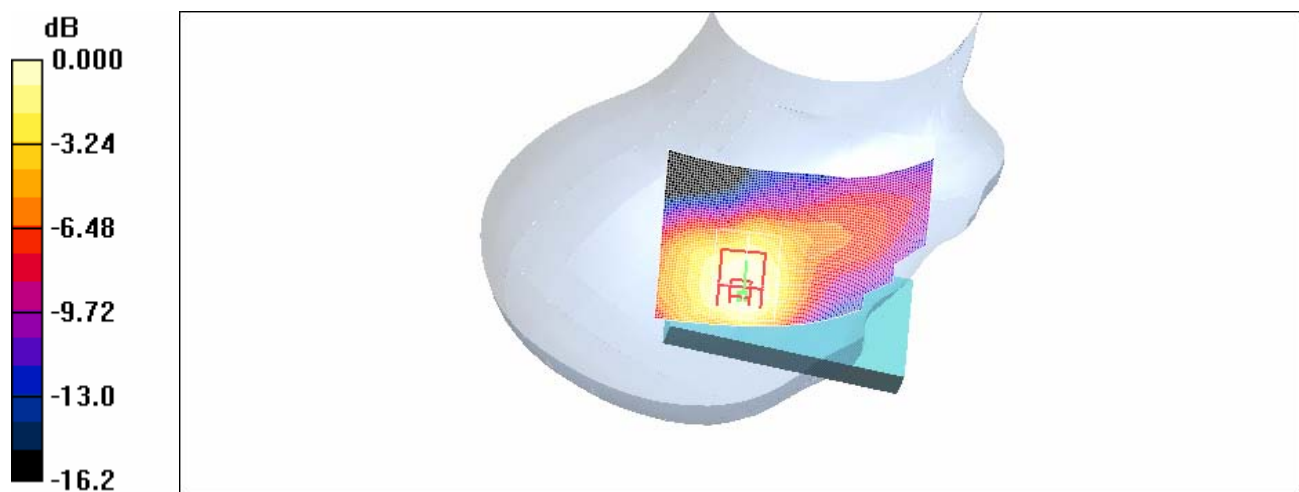
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.44 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.132 mW/g

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



RE Tilt_CH9400

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

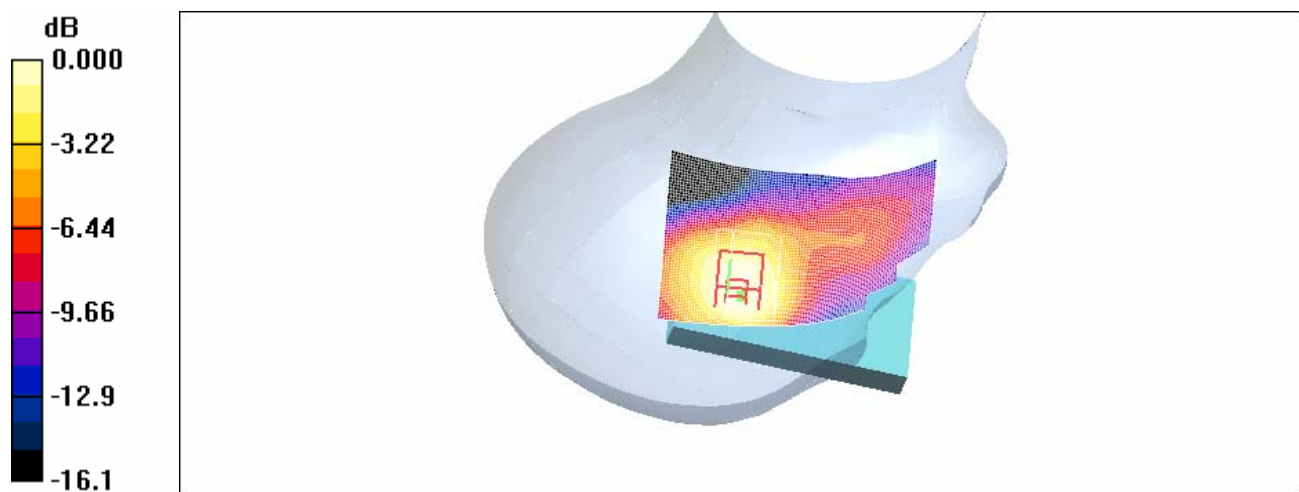
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.43 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.126 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



RE Tilt_CH9538

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 mW/g

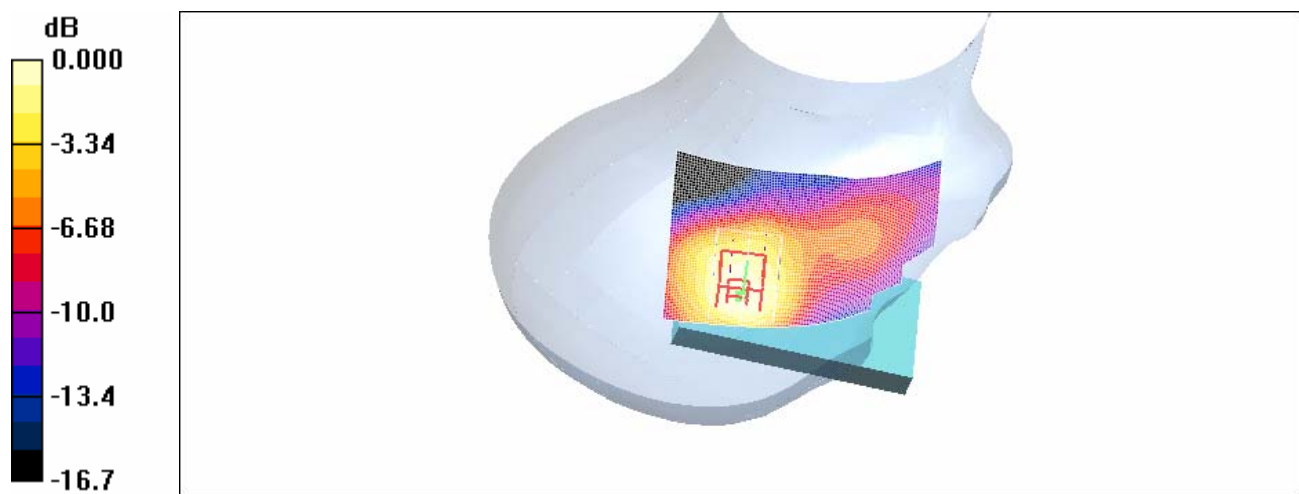
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.17 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.211 mW/g



LE Tilt_CH9262

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.252 mW/g

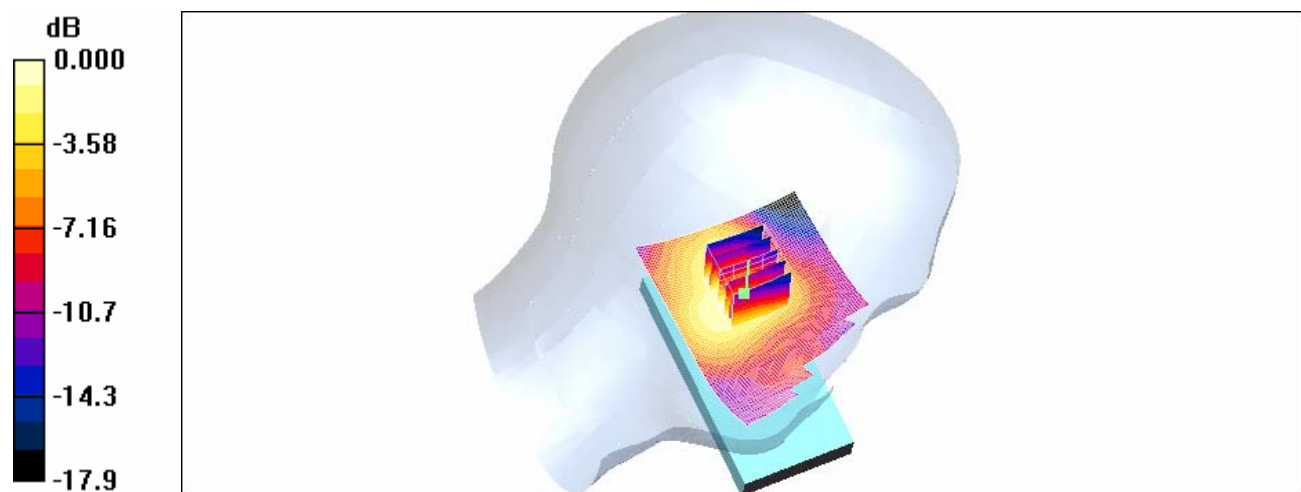
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.259 mW/g



0 dB = 0.259mW/g

LE Tilt_CH9400

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.259 mW/g

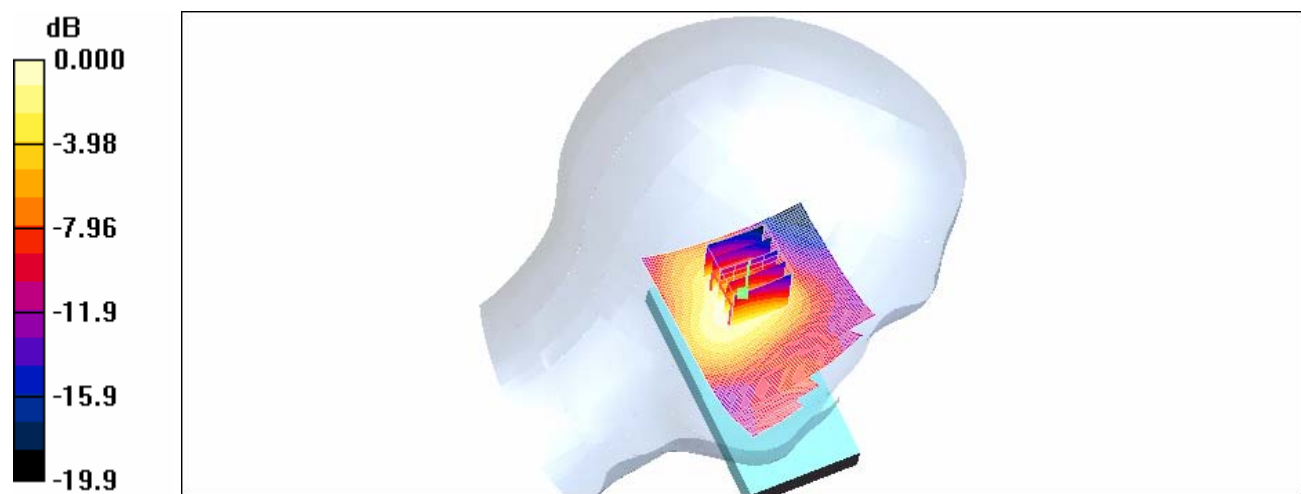
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.44 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.138 mW/g

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



0 dB = 0.244mW/g

LE Tilt_CH9538

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used: $f = 1908$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Tilt/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 mW/g

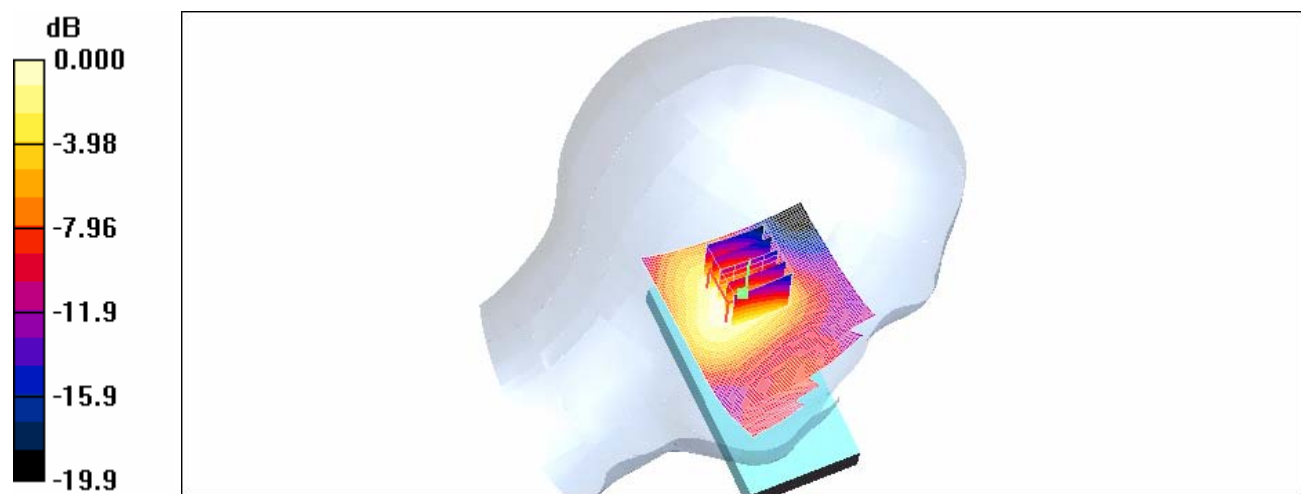
RE Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.73 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.257mW/g

RE Cheek_CH9262 repeated with Memory Card

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(9.61, 9.61, 9.61); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.884 mW/g

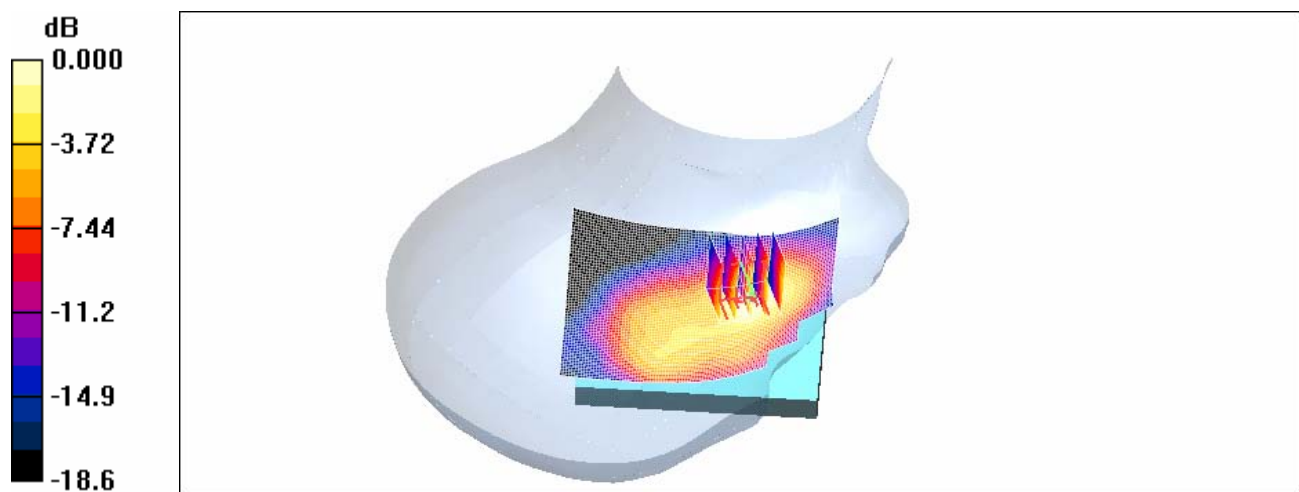
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.19 V/m; Power Drift = -0.094 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.729 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.807 mW/g



0 dB = 0.807mW/g

RE Cheek_CH9262 repeated with Bluetooth active

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(9.61, 9.61, 9.61); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

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

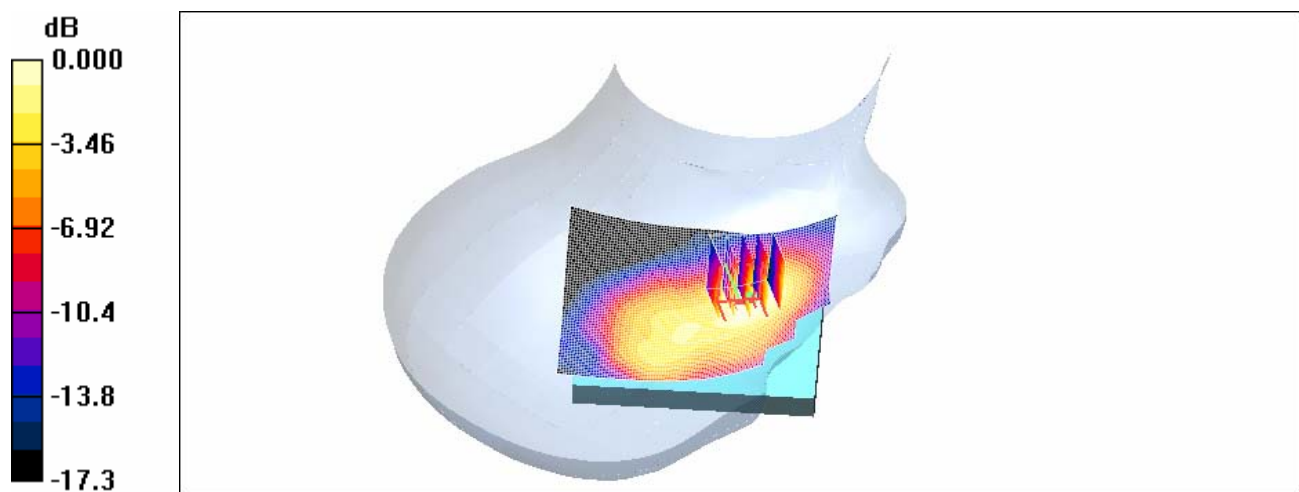
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.77 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 0.694 mW/g



0 dB = 0.694mW/g

RE Cheek_CH9262 repeated with WIFI B active

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(9.61, 9.61, 9.61); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.861 mW/g

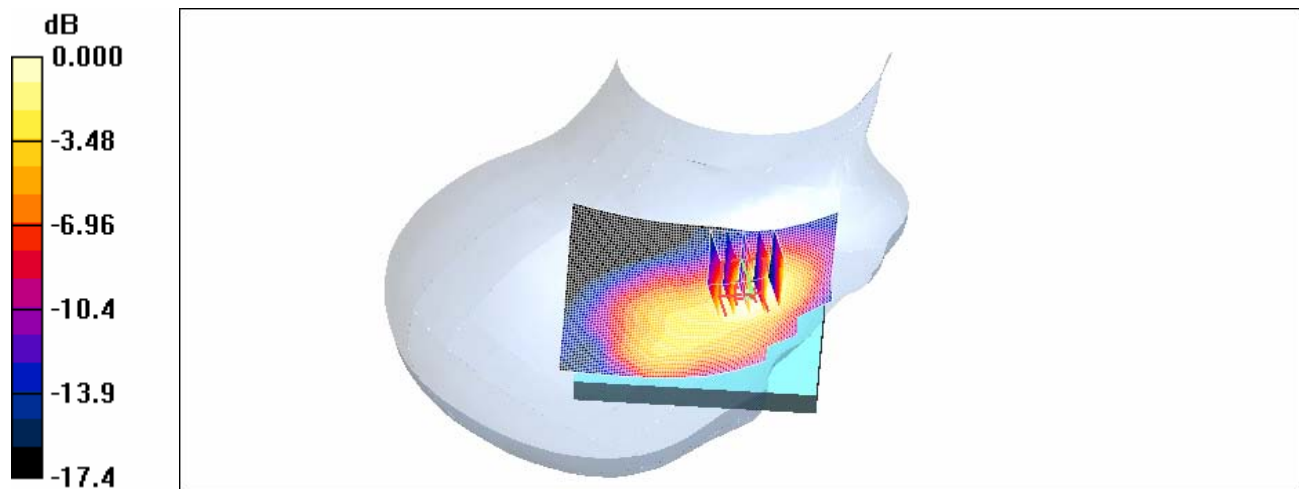
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.25 V/m; Power Drift = 0.193 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.689 mW/g; SAR(10 g) = 0.385 mW/g

Maximum value of SAR (measured) = 0.750 mW/g



0 dB = 0.750mW/g

RE Cheek_CH9262 repeated with WIFI G active

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: Head 1900 MHz Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.35$ mho/m;

$\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(9.61, 9.61, 9.61); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE Cheek/Area Scan (61x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.04 mW/g

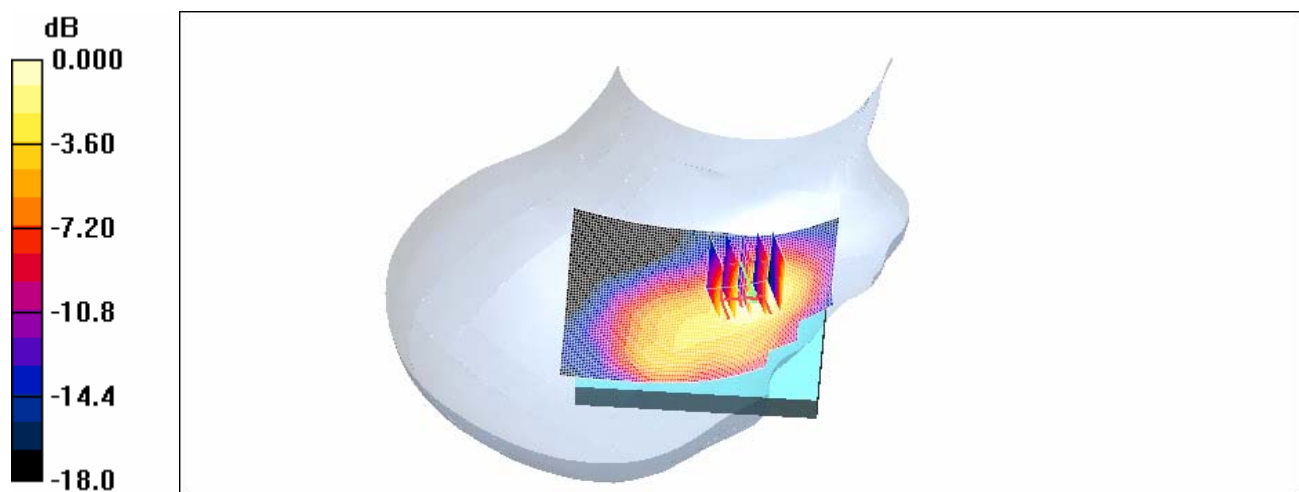
RE Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.10 V/m; Power Drift = -0.111 dB

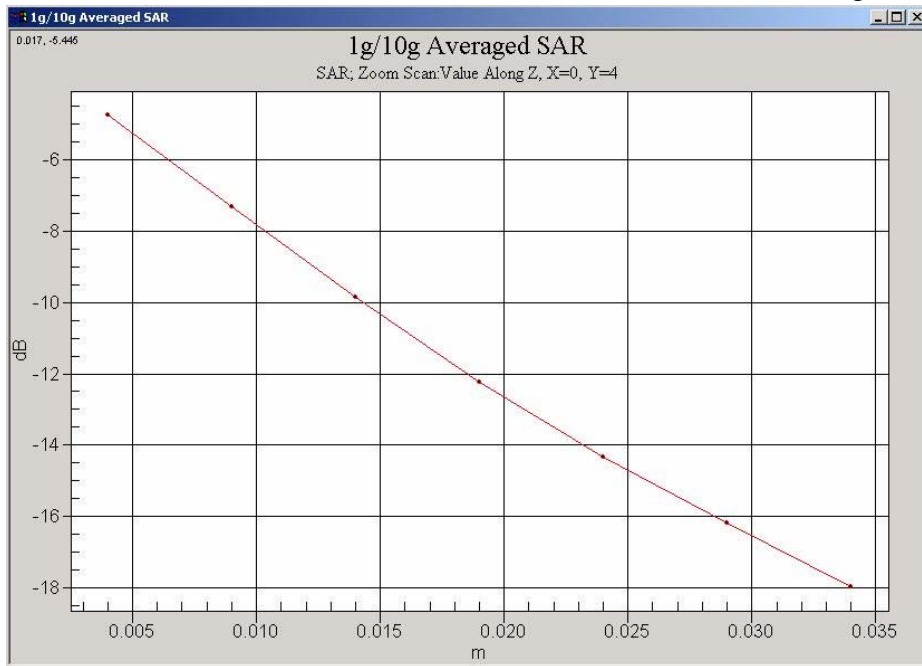
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.842 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.956 mW/g



0 dB = 0.956mW/g



Body_CH9262

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

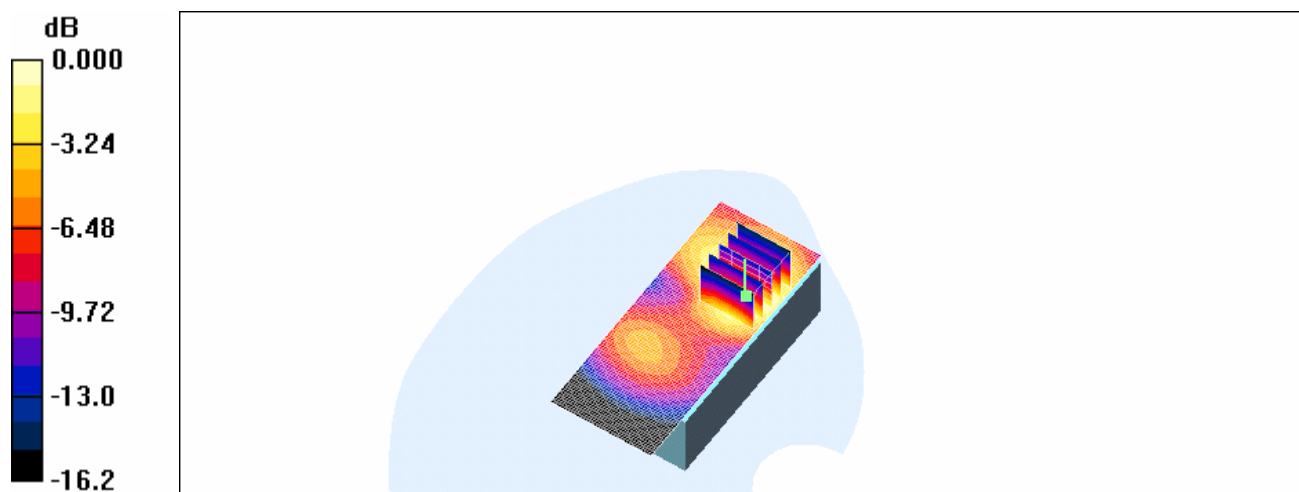
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.58 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.663 W/kg

SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.426mW/g

Body_CH9400

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.405 mW/g

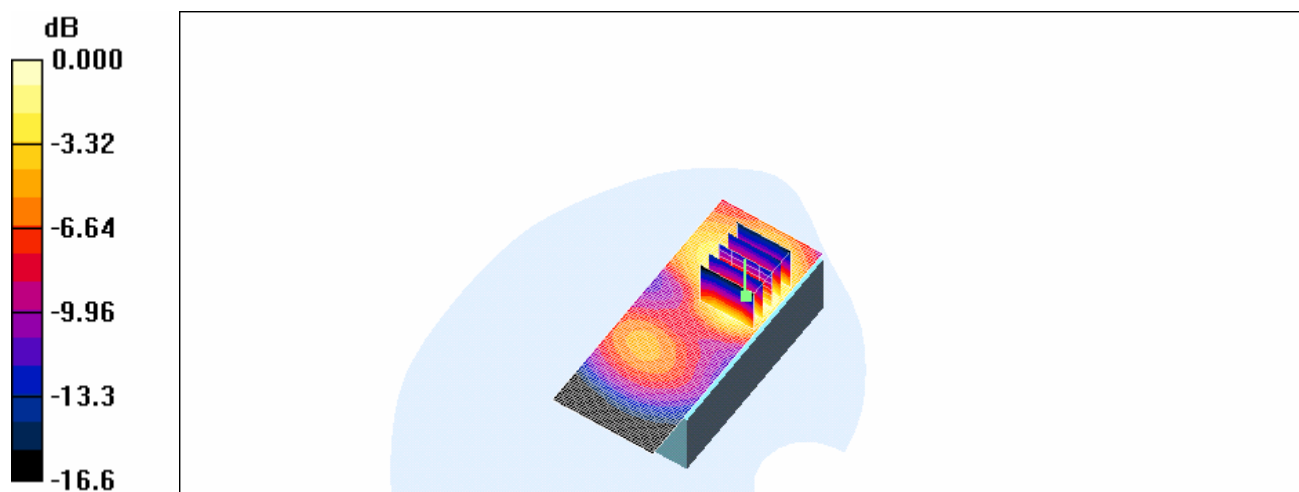
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.38 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



Body_CH9538

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.377 mW/g

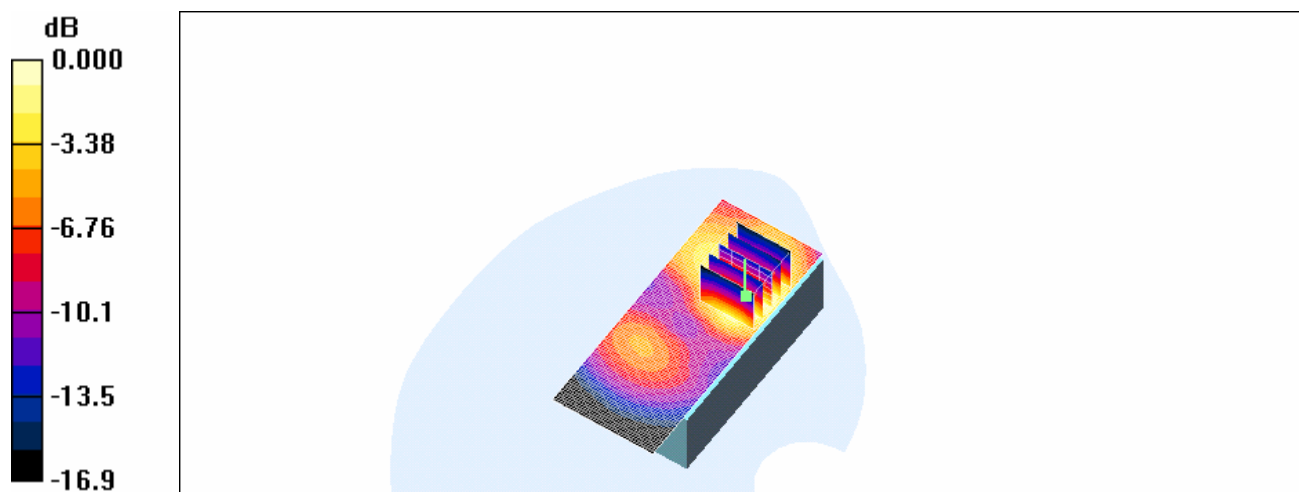
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.21 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.567 W/kg

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.188 mW/g

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



0 dB = 0.359mW/g

RE Cheek_CH4132

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.147 mW/g

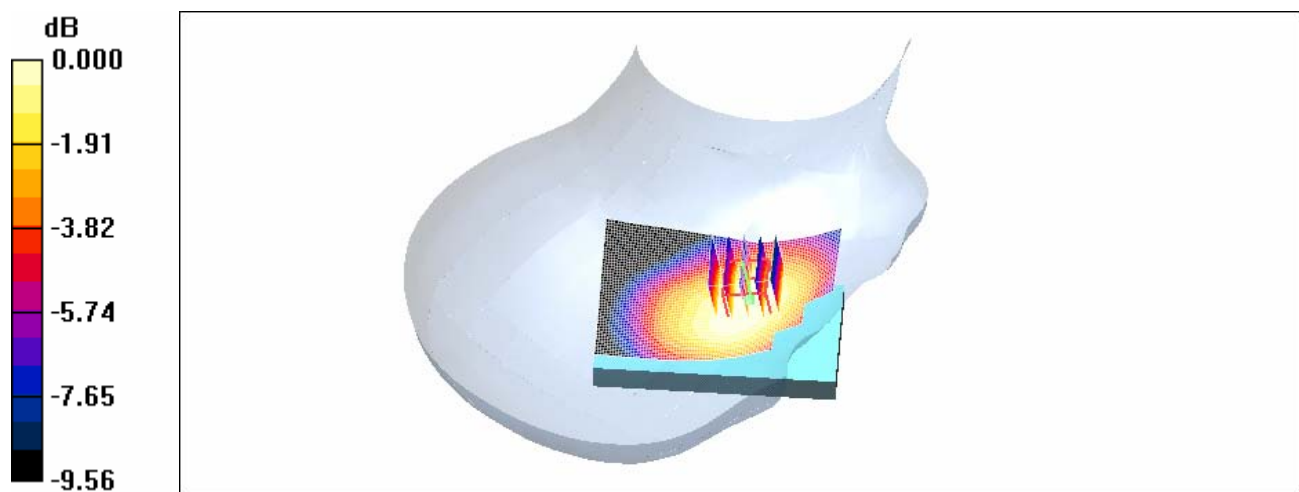
RE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.10 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.092 mW/g

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



0 dB = 0.142mW/g

RE Cheek_CH4183

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.186 mW/g

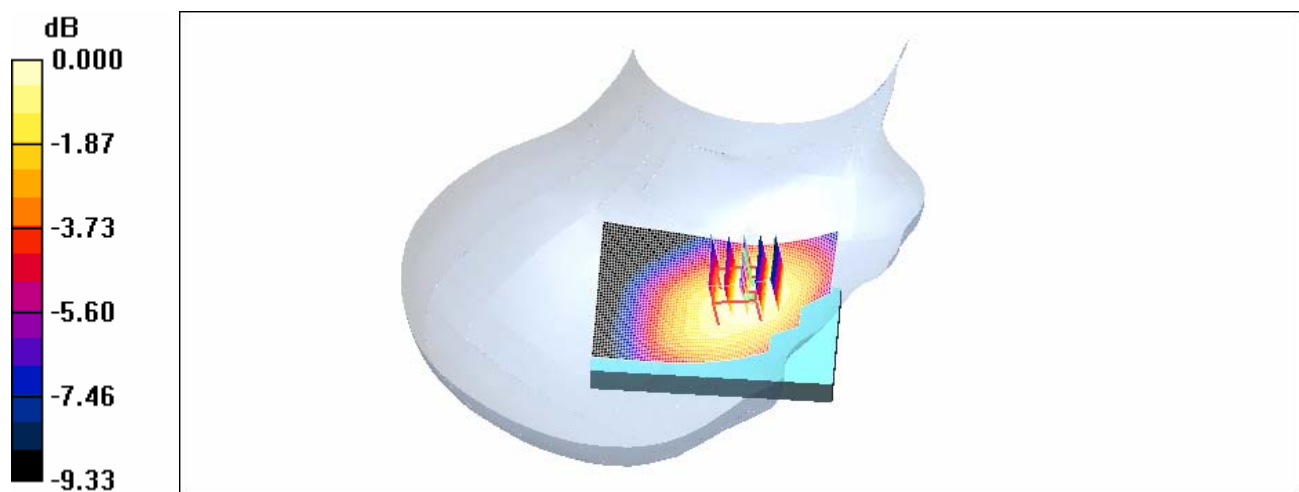
RE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.45 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.268 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



0 dB = 0.186mW/g

RE Cheek_CH4233

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

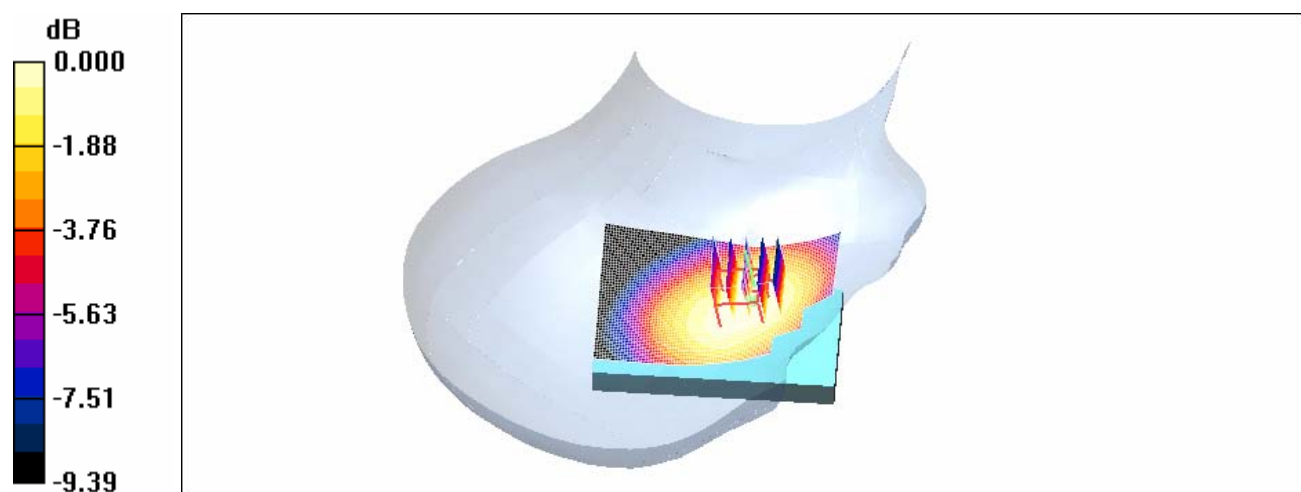
RE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.99 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.192 mW/g



LE Cheek_CH4132

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.164 mW/g

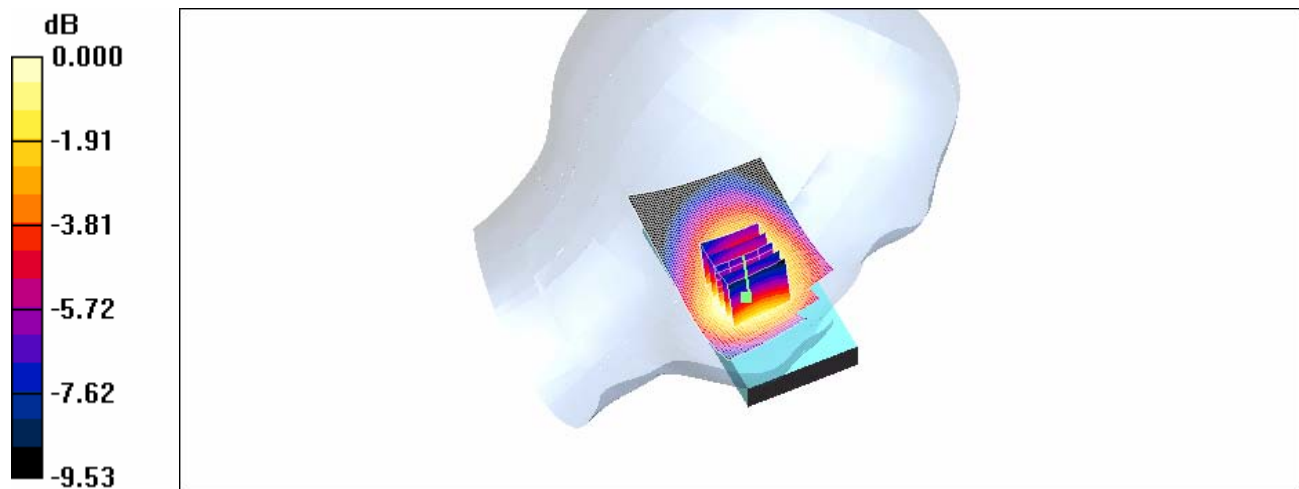
LE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.90 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



LE Cheek_CH4183

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.265 mW/g

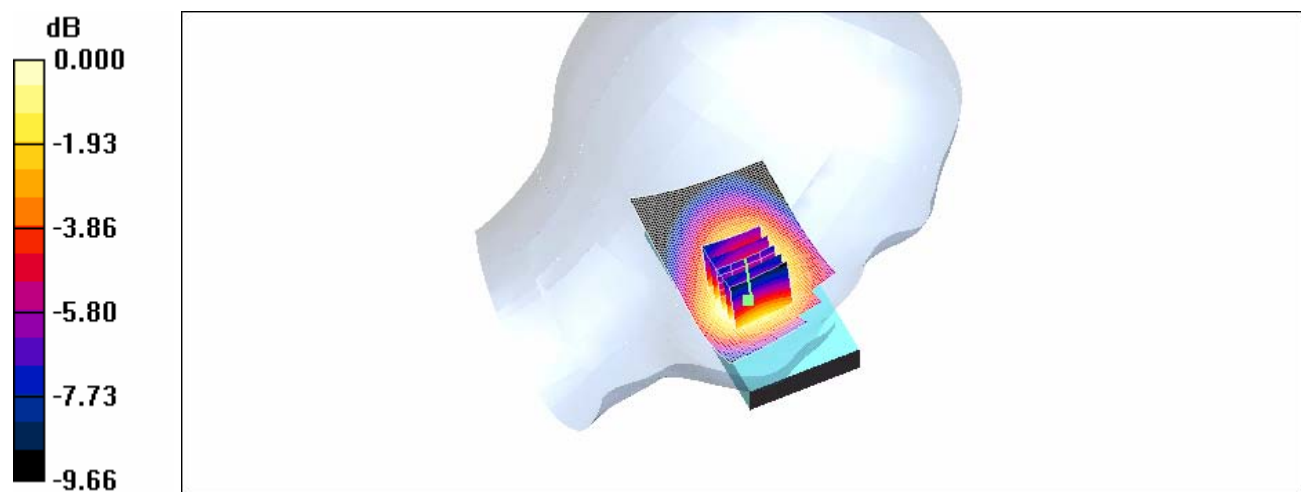
LE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.39 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.248 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.261 mW/g



LE Cheek_CH4233

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

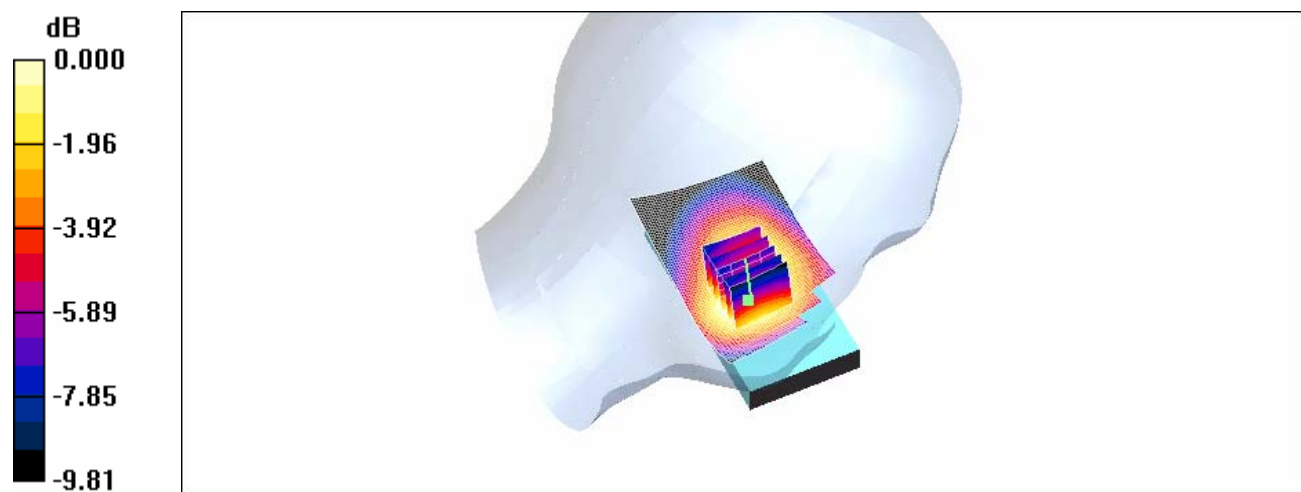
LE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.63 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



RE Tilt_CH4132

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.104 mW/g

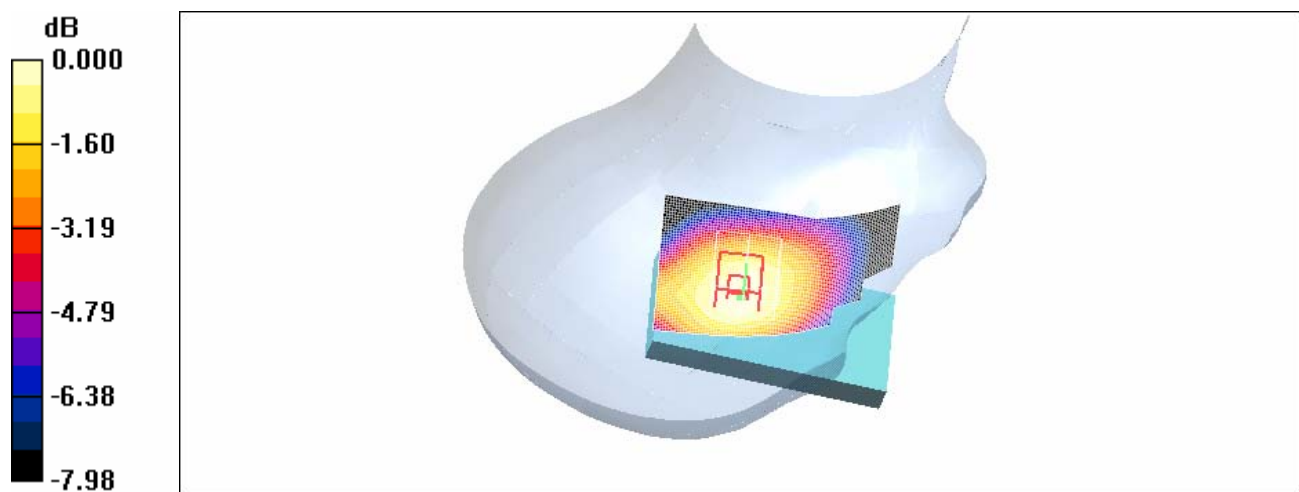
RE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.19 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.106 mW/g



RE Tilt_CH4183

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.185 mW/g

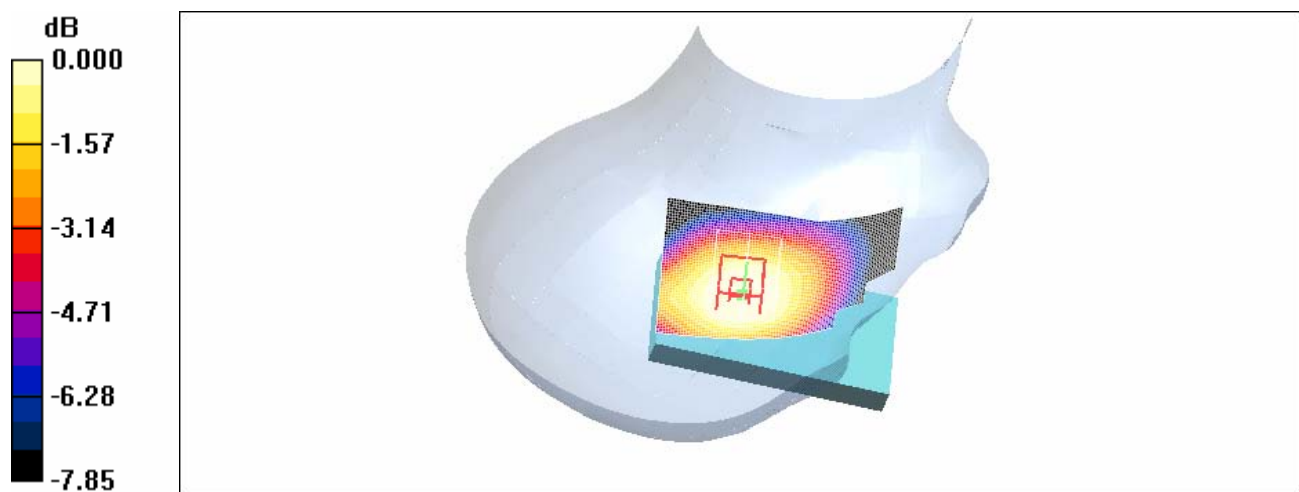
RE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.170 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.125 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



0 dB = 0.170mW/g

RE Tilt_CH4233

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

RE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

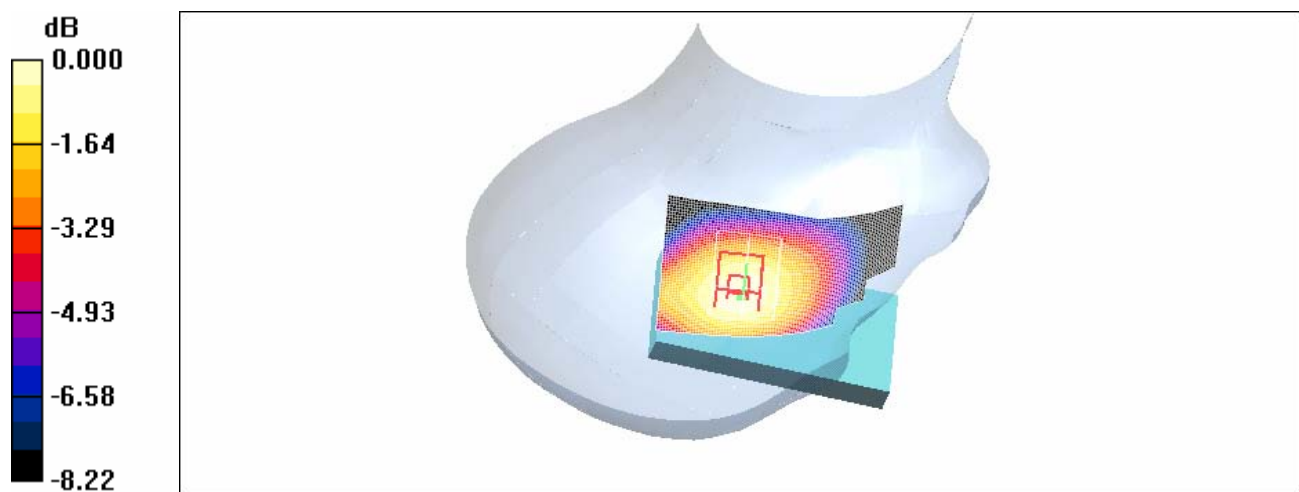
RE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.222 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



0 dB = 0.191mW/g

LE Tilt_CH4132

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 43.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

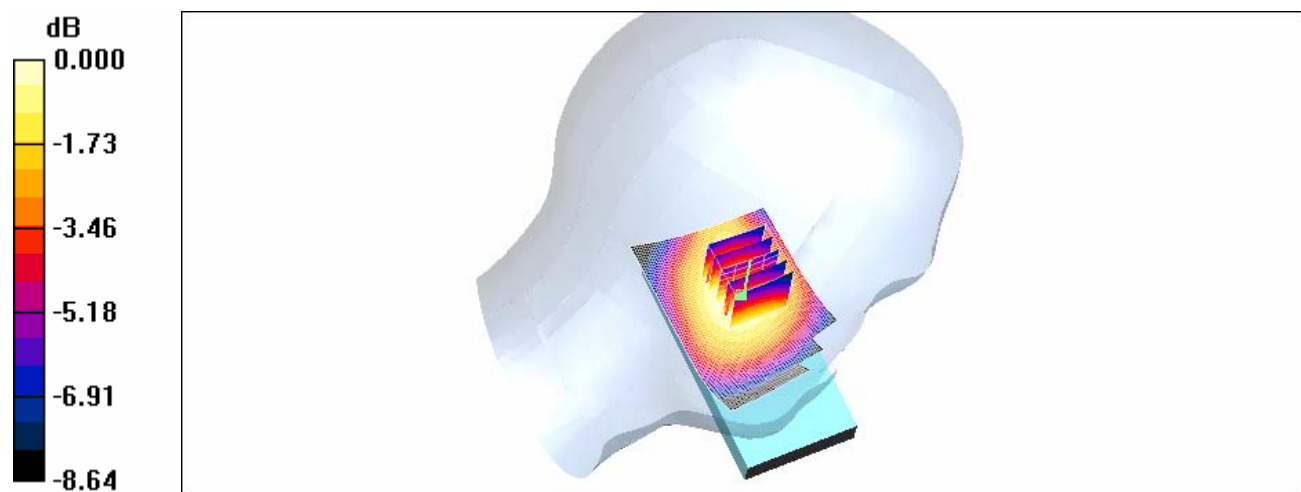
LE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = 0.049 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.128 mW/g



LE Tilt_CH4183

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE_Tilt/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

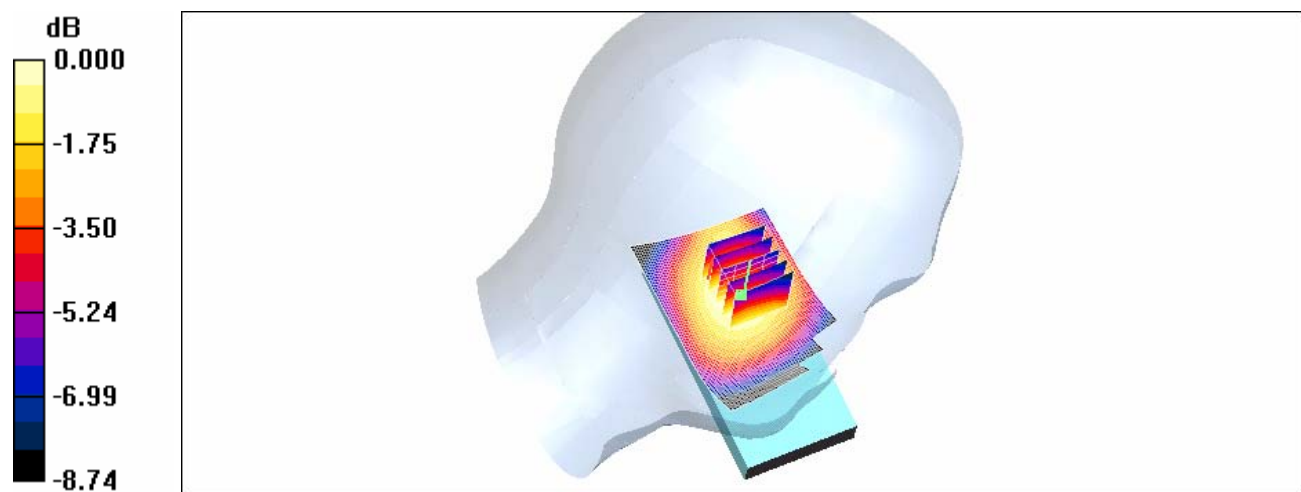
LE_Tilt/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.200 mW/g



0 dB = 0.200mW/g

LE Tilt_CH4233

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: WCDMA B5 Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.935$ mho/m; $\epsilon_r = 42.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

LE_Cheek/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

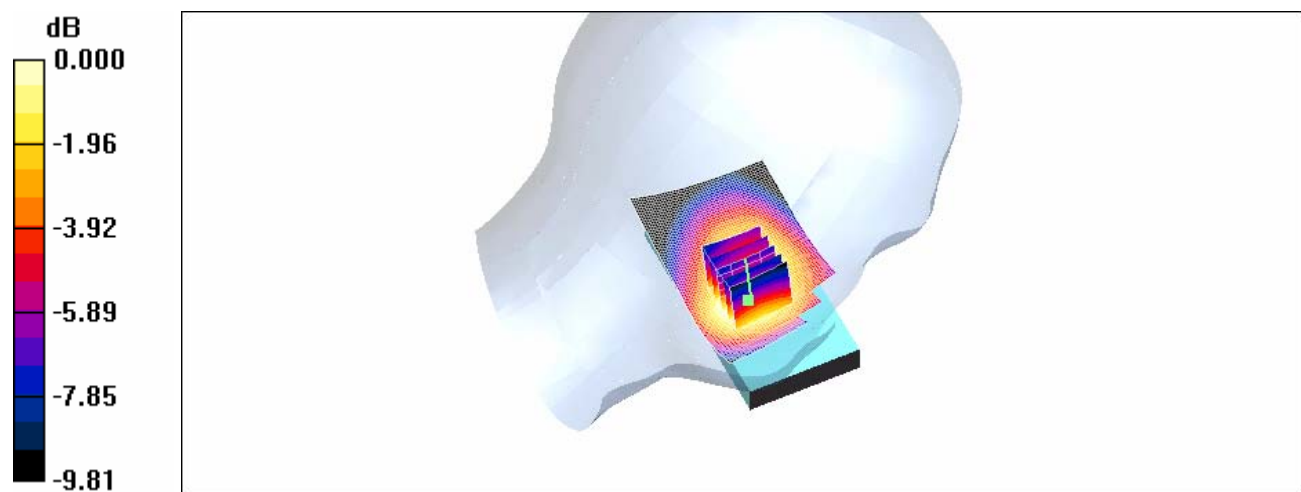
LE_Cheek/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.63 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.191 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



Body_CH4132

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.955$ mho/m;

$\epsilon_r = 56.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

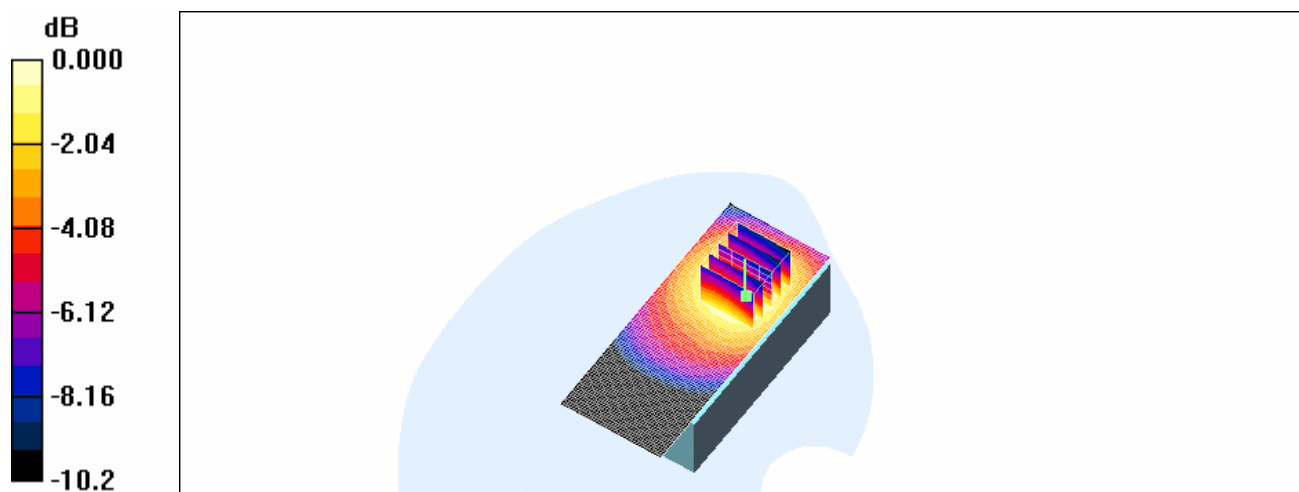
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.47 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.620 mW/g



0 dB = 0.620mW/g

Body_CH4183

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.965$ mho/m;

$\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

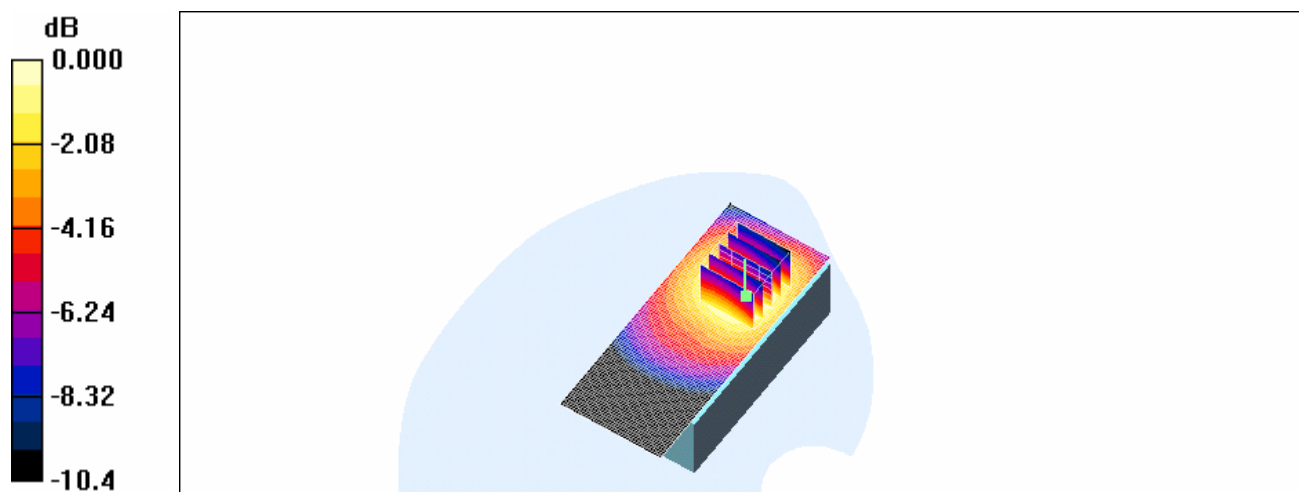
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.12 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.383 mW/g

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



Body_CH4233

DUT: Ultimate 8150; Type: WCDMA; IMEI: 355686010030556

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.975$ mho/m;

$\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Body/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

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

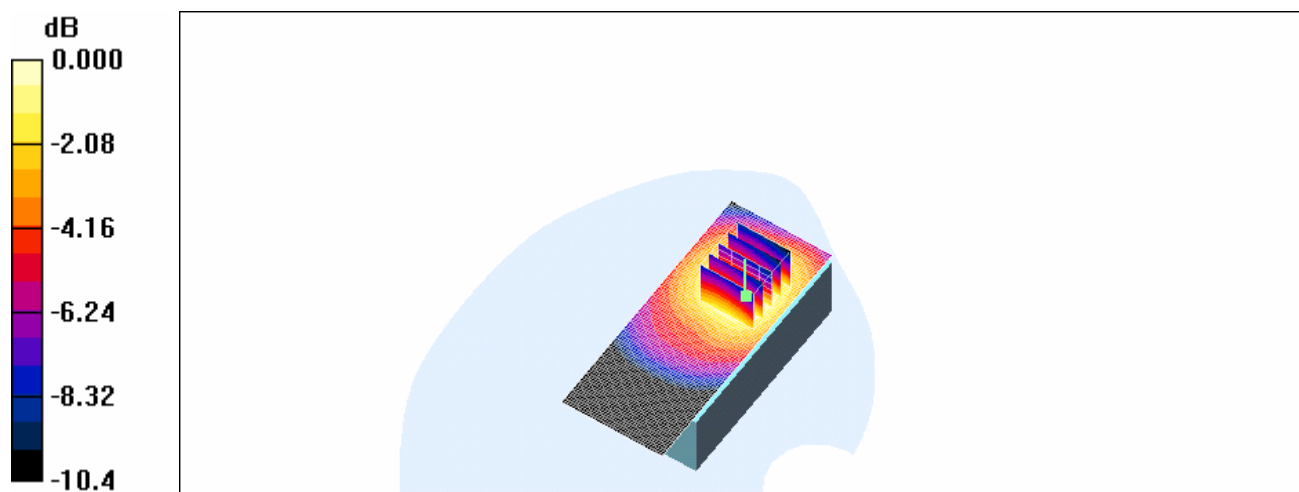
Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.41 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.305 mW/g

Maximum value of SAR (measured) = 0.464 mW/g



SAR System Performance

DUT: Dipole 900 MHz; Type: D900V2; Serial: SN:178

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz Medium parameters used: $f = 900$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.03 mW/g

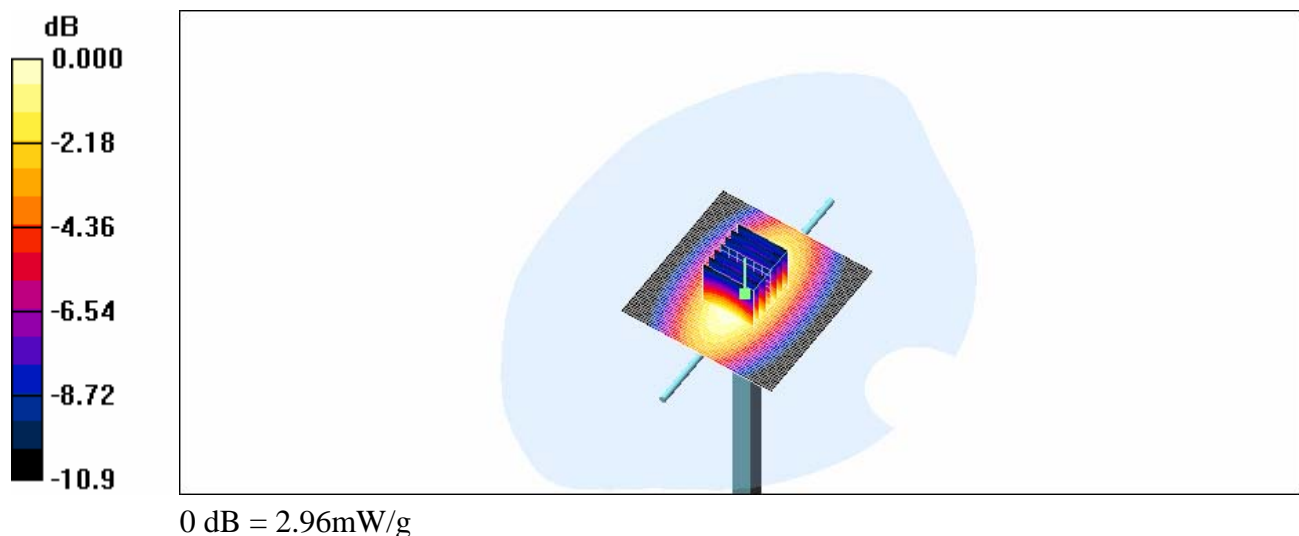
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

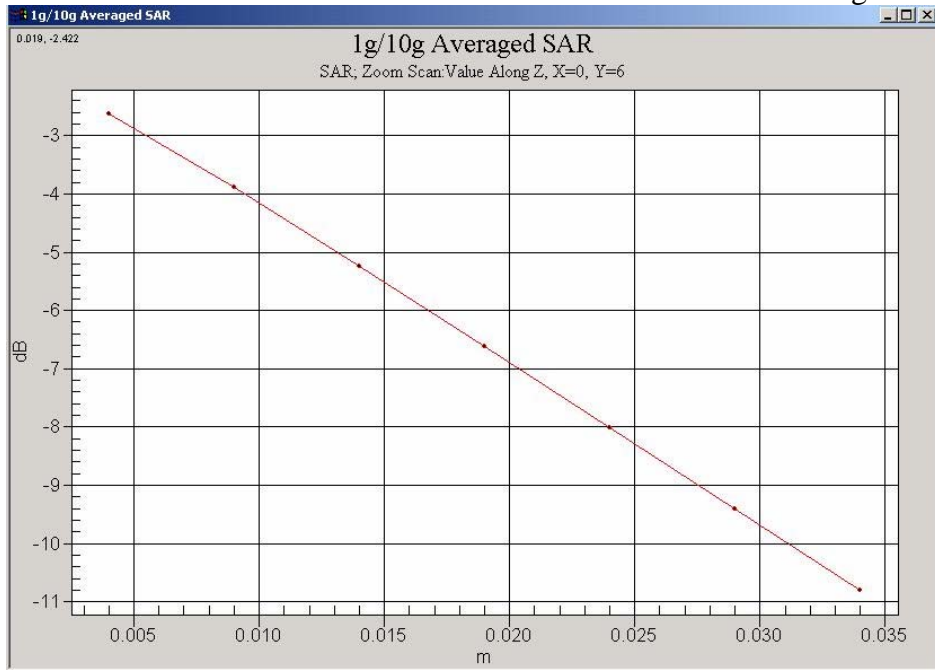
Reference Value = 56.1 V/m; Power Drift = -0.171 dB

Peak SAR (extrapolated) = 4.15 W/kg

SAR(1 g) = 2.73 mW/g; SAR(10 g) = 1.77 mW/g

Maximum value of SAR (measured) = 2.96 mW/g





SAR System Performance

DUT: Dipole 900 MHz; Type: D900V2; Serial: SN:178

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz Medium parameters used: $f = 900$ MHz; $\sigma = 1.03$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 3.01 mW/g

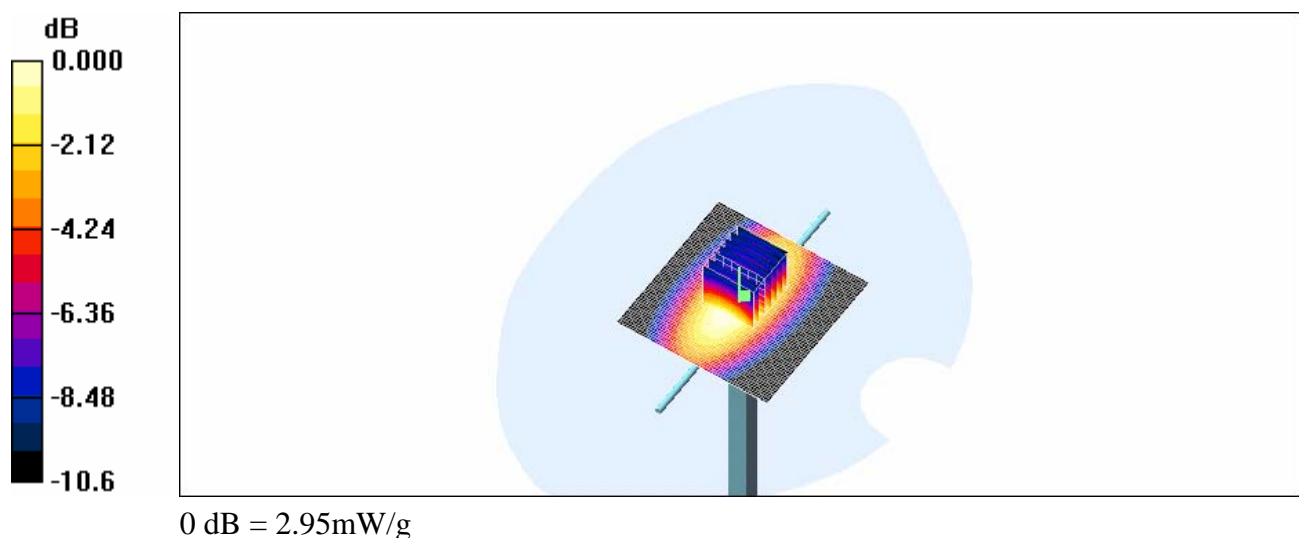
Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

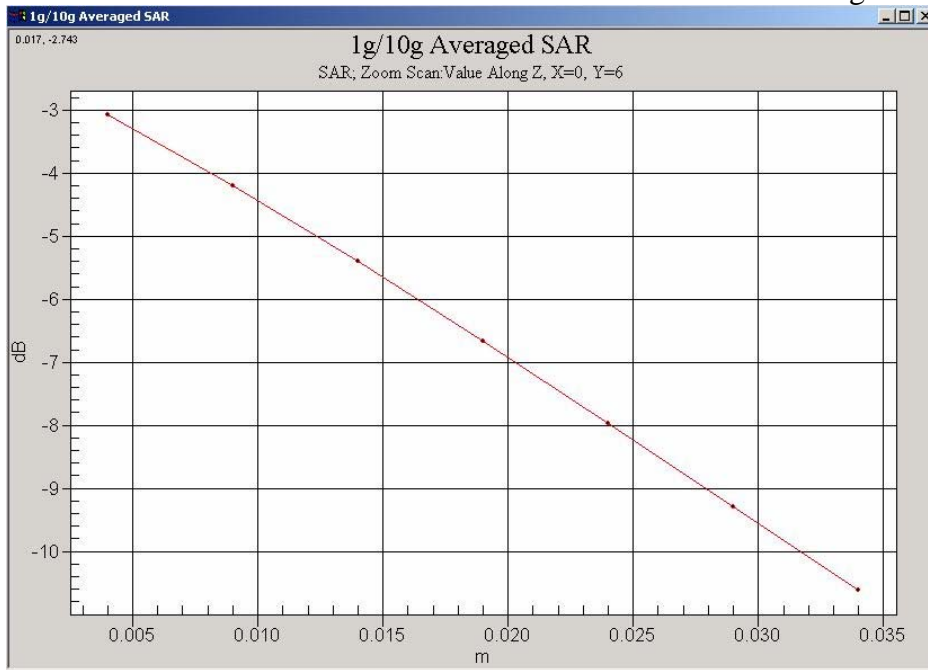
Reference Value = 54.1 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 4.12 W/kg

SAR(1 g) = 2.73 mW/g; SAR(10 g) = 1.78 mW/g

Maximum value of SAR (measured) = 2.95 mW/g





SAR System Performance

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN: 5d027

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

Medium: Head 1900MHz Medium parameters used: $f = 1900$ MHz; $\sigma = 1.35$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Pin=250mw/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 12.2 mW/g

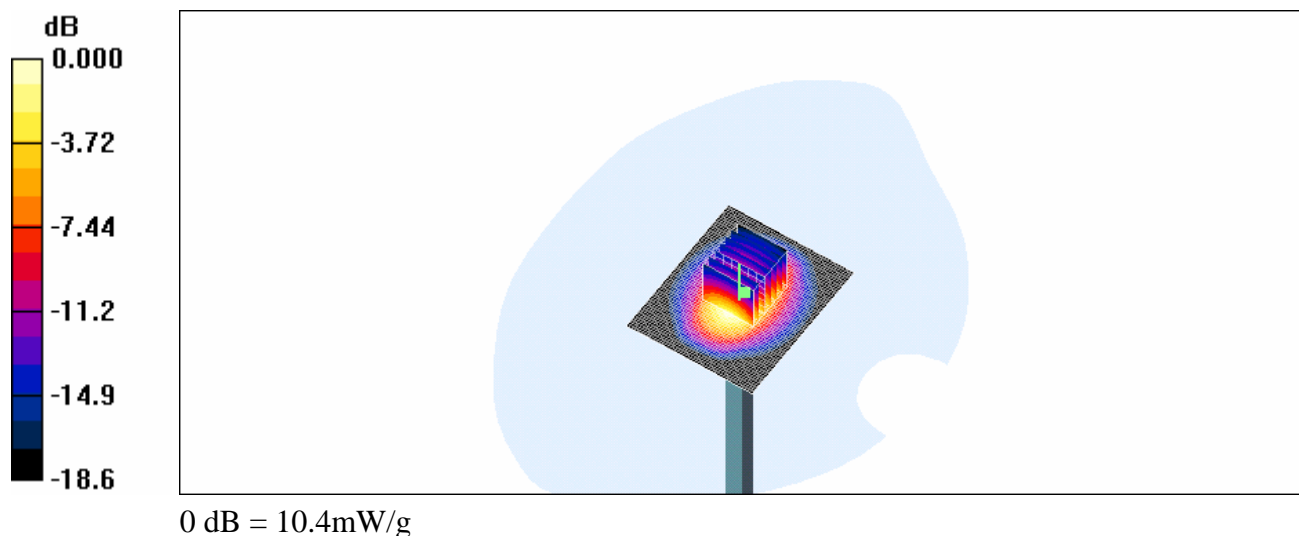
Pin=250mw/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

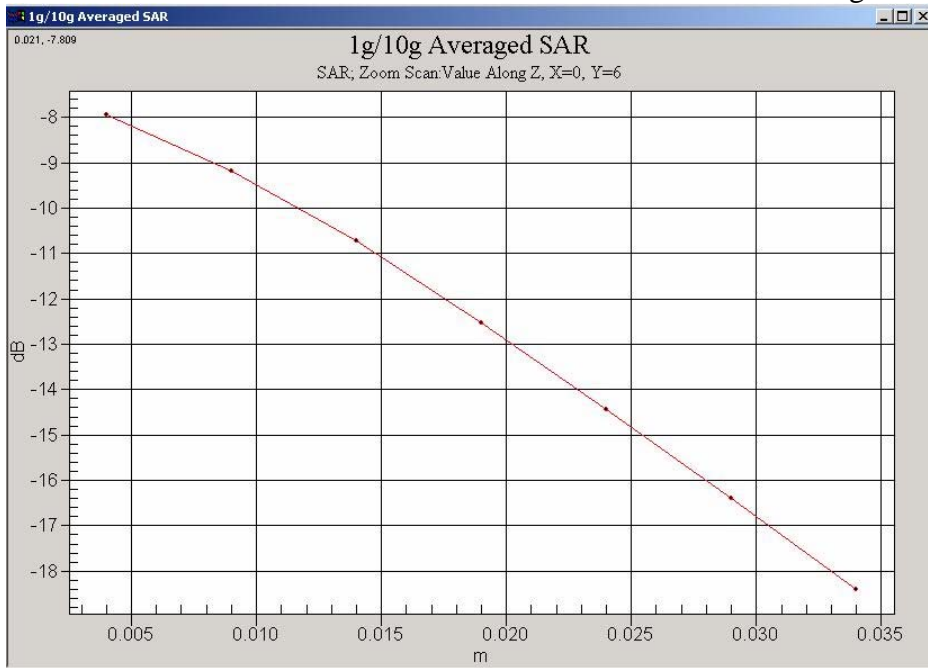
Reference Value = 88.1 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 9.31 mW/g; SAR(10 g) = 4.75 mW/g

Maximum value of SAR (measured) = 10.4 mW/g





SAR System Performance

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d027

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

Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1900$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(11.72, 11.72, 11.72); Calibrated: 2006/8/25
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2007/3/5
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Pin=250mW/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 13.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 84.1 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.12 mW/g

Maximum value of SAR (measured) = 10.9 mW/g

