

SAR TEST REPORT

| | |
|---------------------------------------|--|
| Equipment Under Test | Notebook |
| Model Number of Host | IdeaPad S10-3t |
| FCC Model No. for WWAN Modular | F3607gw |
| IC Model No. for WWAN Modular | KRD 131 15 |
| Company Name | Ericsson AB |
| Company Address | Lindholmspiren 11, 417 56 Gothenburg, Sweden |
| Date of Receipt | 2009.10.22 |
| Date of Test(s) | 2009.11.10~2009.11.11;2009.12.10; 2009.12.30~2009.12.31 |
| Date of Issue | 2009.12.31 |

Standards:

**FCC OET Bulletin 65 supplement C,
ANSI/IEEE C95.1 , C95.3, IEEE 1528,
RSS102**

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 : Ricky Huang Date : 2009.12.31
Asst. Supervisor

Approved by : Robert Chang Date : 2009.12.31
Tech Manager



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1. General Information

1.1 Testing Laboratory

| | |
|--|---|
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| Taipei county, Taiwan, R.O.C. | |
| Telephone | +886-2-2299-3279 |
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1.2 Details of Applicant

| | |
|----------------|--|
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| Contact Person | Bernie Paul Fuller |
| E-mail | bernie.fuller@ericsson.com |

1.3 Description of EUT

| | |
|--------------------------------|-------------------|
| EUT Name | Notebook |
| Model number of host | IdeaPad S10-3t |
| FCC Model No. for WWAN Modular | F3607gw |
| IC Model No. for WWAN Modular | KRD 131 15 |
| Brand Name | lenovo |
| IMEI code | 004401700366350 |
| FCC ID | VV7-MBMF3607GW1-L |
| IC ID | 287AG-MBMF3607GW1 |

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| Definition | Production unit | | | |
|--------------------------|--|-----------|-----------|-----------|
| Mode of Operation | GPRS 850/GPRS 1900/WCDMA B2/WCDMA B5 /HSDPA/HSUPA band | | | |
| Duty Cycle | GPRS 850 | GPRS 1900 | WCDMA B2 | WCDMA B5 |
| | 1/4 | 1/4 | 1 | 1 |
| TX Frequency range (MHz) | GPRS 850 | GPRS 1900 | WCDMA B2 | WCDMA B5 |
| | 824.2 | 1850 | 1852.4 | 826.4 |
| | - | - | - | - |
| Channel Number (ARFCN) | 848.8 | 1910 | 1907.6 | 846.6 |
| | GPRS 850 | GPRS 1900 | WCDMA B2 | WCDMA B5 |
| | 128- 251 | 512- 810 | 9262-9538 | 4132-4233 |
| Power Supply | 7.4Vdc re-chargeable battery or 20Vdc by AC/DC power adapter | | | |
| Max. SAR Measured (1g) | GPRS 850 | | | |
| | 1.05 W/kg (CH128_Configuration 4) | | | |
| | GPRS 1900 | | | |
| | 1.44 W/kg (CH810_Configuration 3) | | | |
| | WCDMA B2 | | | |
| | 1.35 W/kg (CH9262_Configuration 3) | | | |
| | WCDMA B5 | | | |
| | 0.556 W/kg (CH4132_Configuration 4) | | | |

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Note. Conducted power :

| Mode\ARFCN | GSM 850 | | | GSM 1900 | | |
|------------|---------|-------|-------|----------|-------|-------|
| | 128 | 190 | 251 | 512 | 661 | 810 |
| GSM | 32.1 | 32.1 | 32.2 | 29.3 | 29.2 | 29.1 |
| GPRS 10 | 32.67 | 32.71 | 32.84 | 29.81 | 29.73 | 29.14 |
| EGPRS 10 | 27.5 | 27.6 | 27.6 | 26.7 | 26.4 | 26.1 |

| Mode | WCDMA Band 2 Channel | | | |
|-------|----------------------|-------|-------|-------|
| | Subtest | 9262 | 9400 | 9538 |
| Rel99 | R99 | 23.72 | 23.52 | 23.88 |
| HSDPA | 1 | 23.91 | 23.78 | 23.95 |
| | 2 | 23.50 | 23.38 | 23.53 |
| | 3 | 23.43 | 23.33 | 23.42 |
| | 4 | 23.50 | 23.34 | 23.54 |
| HSUPA | 1 | 23.54 | 23.50 | 23.62 |
| | 2 | 21.59 | 21.57 | 21.66 |
| | 3 | 22.60 | 22.52 | 22.70 |
| | 4 | 21.72 | 21.62 | 21.70 |
| | 5 | 23.43 | 23.36 | 23.53 |

| Mode | WCDMA Band 5 Channel | | | |
|-------|----------------------|-------|-------|-------|
| | Subtest | 4132 | 4183 | 4233 |
| Rel99 | R99 | 23.87 | 23.63 | 23.72 |
| HSDPA | 1 | 24.09 | 23.88 | 23.91 |
| | 2 | 23.80 | 23.52 | 23.59 |
| | 3 | 23.63 | 23.40 | 23.42 |
| | 4 | 23.68 | 23.44 | 23.48 |
| HSUPA | 1 | 23.83 | 23.56 | 23.64 |
| | 2 | 21.89 | 21.64 | 21.68 |
| | 3 | 22.87 | 22.62 | 22.72 |
| | 4 | 21.94 | 21.70 | 21.76 |
| | 5 | 23.69 | 23.39 | 23.53 |

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1.4 Test Environment

Ambient Temperature: $22 \pm 2^\circ \text{C}$

Tissue Simulating Liquid: $22 \pm 2^\circ \text{C}$

1.5 Operation description

The EUT is controlled by using a Communication simulate Tester (R&S CMU200), and the communication between the EUT and the tester is established by air link.

The test configuration tested at the low, middle and high frequency channels. By using the program subordinated in the computer, and change into the written channel, and then test of set in highest power. Finally, we will test it by dividing into 5 configurations:

Configuration 1: Lap-held mode (WWAN/Main-to-user separation distance is 96 mm)
(Appendix-Fig.4)

Configuration 2: Tablet mode (WWAN/Main-to-user separation distance is 18 mm)
(Appendix-Fig.5)

Configuration 3: Primary portrait mode (WWAN/main-to-edge of screen distance is 5 mm)
(Appendix-Fig.6)

Configuration 4: Secondary landscape mode.(WWAN/main-to-edge of screen distance is 15mm
(Appendix-Fig.7)

Configuration 5: Secondary portrait mode. (WWAN/Main-to-user separation distance is 251 mm, so SAR test is not required.)
(Appendix-Fig.8)

Configuration 6: Primary Landscape mode.(WWAN/main-to-edge of screen distance is 88 mm
(Appendix-Fig.9)

The highest stand alone SAR value for WLAN/HFS-AR5B95 @ primary portrait mode is 0.082 W/kg; the highest stand alone SAR value for WWAN/VV7-MBMF3607GW1-L @ primary portrait mode is 1.44 W/kg. Per KDB 447498 4/b/iii/1, when the antenna-to-user is less than 5 cm and the sum of individual SAR (0.082+1.44=1.522 W/kg) is less than 1.6 W/kg, simultaneous SAR

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 EX3DV4 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.

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

- A standard high precision 6-axis robot (Staubli 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.

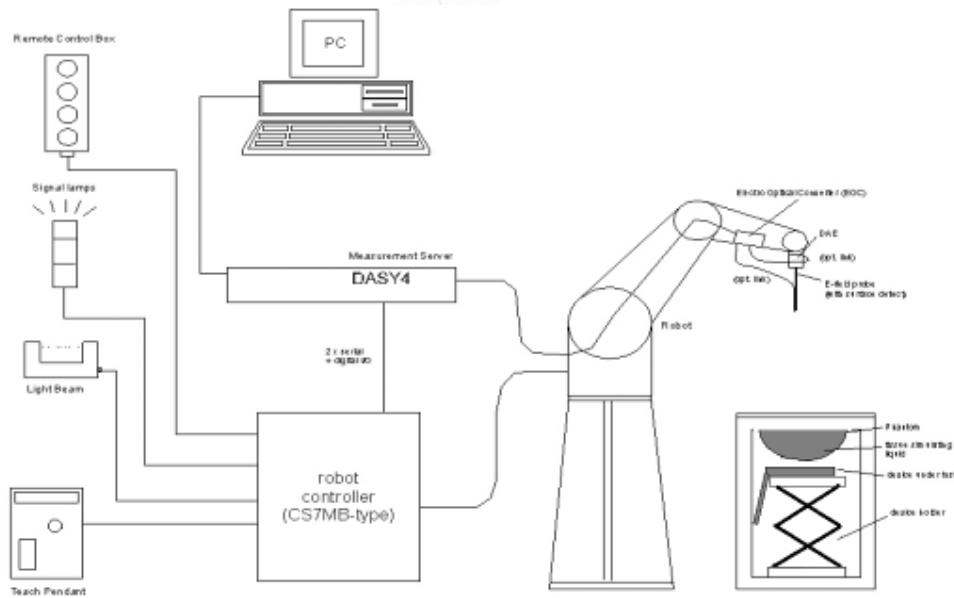


Fig.a The block diagram of SAR system

- 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.

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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 HSL835/1900 MHZ Additional CF for other liquids and frequencies upon request | |
| 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. |
|--------------|--|

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| | | |
|-----------------|--|--|
| Shell Thickness | 2 ± 0.2 mm |  |
| Filling Volume | Approx. 25 liters | |
| Dimensions | Height: 251 mm; Length: 1000 mm; Width: 500 mm | |

DEVICE HOLDER

| | | |
|--------------|---|--|
| Construction | The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin), which is non-metal and non-conductive. The height can be adjusted to fit varies kind of Notebooks. |  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 +/- 5% from the target SAR values. These tests were done at 835/1900 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 22.1°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.

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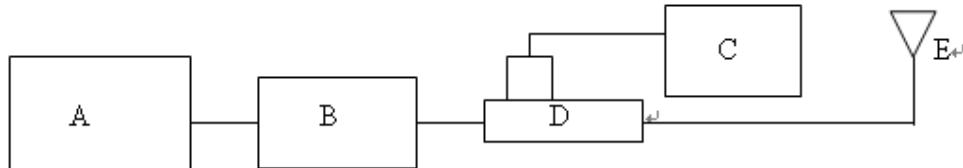


Fig.b The block diagram of system verification

- A. Agilent Model 8648D Signal Generator
- B. Mini circuits Model ZHL-42 Amplifier
- C. Agilent Model U2001B Power Sensor
- D. Agilent Model 778D Dual directional coupling
- E. Reference dipole antenna



Photograph of the dipole Antenna

| Validation Kit | Frequency Hz | Target SAR (1g) (Pin=250mW) | Measured SAR (1g) (Pin=250mW) | Measured Date |
|----------------------|--------------------|--------------------------------|----------------------------------|---------------|
| D835V2 S/N:4d063 | 835 MHz (Body) | 2.55 mW/g | 2.43 mW/g | 2009-11-10 |
| D1900V2 S/N:5d027 | 1900 MHz (Body) | 10.6 mW/g | 10.3 mW/g | 2009-11-11 |
| D835V2 S/N:4d063 | 835 MHz (Body) | 2.55 mW/g | 2.45 mW/g | 2009-12-10 |
| D1900V2 S/N:5d027 | 1900 MHz (Body) | 10.6 mW/g | 10.4 mW/g | 2009-12-10 |
| D835V2 S/N:4d063 | 835 MHz (Body) | 2.55 mW/g | 2.61 mW/g | 2009-12-30 |
| D1900V2 S/N:5d027 | 1900 MHz (Body) | 10.6 mW/g | 11 mW/g | 2009-12-30 |

Table 1. Results of system validation

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1.9 Tissue Simulant Fluid for the Frequency Band

The dielectric properties for this body-simulant fluid were measured by using the Agilent Model 85070D Dielectric Probe (rates frequency band 200 MHz to 20 GHz) in conjunction with HP 8753D Network Analyzer (30 KHz-6000 MHz) 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 $15\text{cm}\pm5\text{mm}$ during all tests. (Fig .2)

| Frequency (MHz) | Tissue type | Measurement date/ Limits | Dielectric Parameters | | |
|--------------------|-------------|-----------------------------|-----------------------|----------------|--|
| | | | ρ | σ (S/m) | Simulated Tissue Temperature($^{\circ}$ C) |
| 835 | Body | Measured, 2009.11.10 | 54.7 | 0.969 | 21.7 |
| | | Recommended Limits | 51.11-56.49 | 0.96-1.06 | 20-24 |
| 1900 | Body | Measured, 2009.11.11 | 54.6 | 1.63 | 21.7 |
| | | Recommended Limits | 52.16-57.65 | 1.48-1.64 | 20-24 |
| 835 | Body | Measured, 2009.12.10 | 55.6 | 0.991 | 21.7 |
| | | Recommended Limits | 51.11-56.49 | 0.96-1.06 | 20-24 |
| 1900 | Body | Measured, 2009.12.10 | 54.4 | 1.6 | 21.7 |
| | | Recommended Limits | 52.16-57.65 | 1.48-1.64 | 20-24 |
| 835 | Body | Measured, 2009.12.30 | 55.6 | 0.991 | 21.7 |
| | | Recommended Limits | 51.11-56.49 | 0.96-1.06 | 20-24 |
| 1900 | Body | Measured, 2009.12.30 | 54.4 | 1.61 | 21.7 |
| | | Recommended Limits | 52.16-57.65 | 1.48-1.64 | 20-24 |

Table 2. Dielectric Parameters of Tissue Simulant Fluid

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The composition of the body tissue simulating liquid is:

| Ingredient | 850MHz (Body) | 1900MHz (Body) |
|------------------|------------------|-------------------|
| DGMBE | X | 300.67g |
| Water | 631.68 g | 716.56 g |
| Salt | 11.72 g | 4.0 g |
| Preventol D-7 | 1.2 g | X |
| Cellulose | X | X |
| Sugar | 600 g | X |
| Total amount | 1 L (1.0kg) | 1 L (1.0kg) |

Table 3. Recipes for tissue simulating liquid

1.10 EVALUATION PROCEDURES

The entire evaluation of the spatial peak values is performed within the Post-processing engine (SEMCAD). The system always gives the maximum values for the 1 g and 10 g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages:

1. The extraction of the measured data (grid and values) from the Zoom Scan.
2. The calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
3. The generation of a high-resolution mesh within the measured volume
4. The interpolation of all measured values from the measurement grid to the high-resolution grid
5. The extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
6. The calculation of the averaged SAR within masses of 1g and 10g.

The probe is calibrated at the center of the dipole sensors that is located 1 to 2.7mm away from the probe tip. During measurements, the probe stops shortly above the phantom surface, depending on the probe and the surface detecting system. Both distances are included as parameters in the probe configuration file. The software always knows exactly how far away the measured point is from the surface. As the probe cannot directly measure at the surface, the values between the deepest measured point and the surface must be extrapolated. The angle between the probe axis and the surface normal line is less than 30 degree.

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In the Area Scan, the gradient of the interpolation function is evaluated to find all the extreme of the SAR distribution. The uncertainty on the locations of the extreme is less than 1/20 of the grid size. Only local maximum within -2 dB of the global maximum are searched and passed for the Cube Scan measurement. In the Cube Scan, the interpolation function is used to extrapolate the Peak SAR from the lowest measurement points to the inner phantom surface (the extrapolation distance). The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5mm.

The maximum search is automatically performed after each area scan measurement. It is based on splines in two or three dimensions. The procedure can find the maximum for most SAR distributions even with relatively large grid spacing. After the area scanning measurement, the probe is automatically moved to a position at the interpolated maximum. The following scan can directly use this position for reference, e.g., for a finer resolution grid or the cube evaluations. The 1g and 10g peak evaluations are only available for the predefined cube 7x7x7 scans. The routines are verified and optimized for the grid dimensions used in these cube measurements. The measured volume of 30x30x30mm contains about 30g of tissue.

The first procedure is an extrapolation (incl. Boundary correction) to get the points between the lowest measured plane and the surface. The next step uses 3D interpolation to get all points within the measured volume. In the last step, a 1g cube is placed numerically into the volume and its averaged SAR is calculated. This cube is moved around until the highest averaged SAR is found. If the highest SAR is found at the edge of the measured volume, the system will issue a warning: higher SAR values might be found outside of the measured volume. In that case the cube measurement can be repeated, using the new interpolated maximum as the center.

1.11 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 any 10 grams of tissue (defined as a tissue volume in the shape of a cube).
- (2) 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.
- (3) 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.

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2. Summary of Results

GPRS 850

| Configuration 1: Lap-held mode | | | | | | |
|--|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power(Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 32.67dbm | 0.020 | 22.1 | 21.7 |
| | 190 | 836.6 | 32.71dbm | 0.026 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.84dbm | 0.031 | 22.1 | 21.7 |
| Configuration 2: Tablet mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 32.67dbm | 0.330 | 22.1 | 21.7 |
| | 190 | 836.6 | 32.71dbm | 0.253 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.84dbm | 0.232 | 22.1 | 21.7 |
| Configuration 3: Primary portrait mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 32.67dbm | 0.718 | 22.1 | 21.7 |
| | 190 | 836.6 | 32.71dbm | 0.533 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.84dbm | 0.446 | 22.1 | 21.7 |
| Configuration 4: Secondary landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| 850 MHz | 128 | 824.2 | 32.67dbm | 1.05 | 22.1 | 21.7 |
| | 190 | 836.6 | 32.71dbm | 0.818 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.84dbm | 0.759 | 22.1 | 21.7 |

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Configuration 6: Primary Landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|------------------|--------------------|
| 850 MHz | 128 | 824.2 | 32.67dbm | 0.095 | 22.1 | 21.7 |
| | 190 | 836.6 | 32.71dbm | 0.071 | 22.1 | 21.7 |
| | 251 | 848.8 | 32.84dbm | 0.063 | 22.1 | 21.7 |

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GPRS 1900

Configuration 1: Lap-held mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|----------------------|------------------|--------------------|
| 1900 MHz | 512 | 1850.2 | 29.81dbm | 0.039 | 22.1 | 21.7 |
| | 661 | 1880 | 29.73dbm | 0.046 | 22.1 | 21.7 |
| | 810 | 1909.8 | 29.14dbm | 0.045 | 22.1 | 21.7 |

Configuration 2: Tablet mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|----------------------|------------------|--------------------|
| 1900 MHz | 512 | 1850.2 | 29.81dbm | 0.057 | 22.1 | 21.7 |
| | 661 | 1880 | 29.73dbm | 0.073 | 22.1 | 21.7 |
| | 810 | 1909.8 | 29.14dbm | 0.074 | 22.1 | 21.7 |

Configuration 3: Primary portrait mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|----------------------|------------------|--------------------|
| 1900 MHz | 512 | 1850.2 | 29.81dbm | 1.37 | 22.1 | 21.7 |
| | 661 | 1880 | 29.73dbm | 1.36 | 22.1 | 21.7 |
| | 810 | 1909.8 | 29.14dbm | 1.44 | 22.1 | 21.7 |

Configuration 4: Secondary landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|----------------------|------------------|--------------------|
| 1900 MHz | 512 | 1850.2 | 29.81dbm | 0.118 | 22.1 | 21.7 |
| | 661 | 1880 | 29.73dbm | 0.106 | 22.1 | 21.7 |
| | 810 | 1909.8 | 29.14dbm | 0.173 | 22.1 | 21.7 |

Configuration 6: Primary Landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|--------|----------------------------------|----------------------|------------------|--------------------|
| 1900 MHz | 512 | 1850.2 | 29.81dbm | 0.034 | 22.1 | 21.7 |
| | 661 | 1880 | 29.73dbm | 0.024 | 22.1 | 21.7 |
| | 810 | 1909.8 | 29.14dbm | 0.036 | 22.1 | 21.7 |

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WCDMA B2

| Configuration 1: Lap-held mode | | | | | | |
|--|---------|--------|----------------------------------|----------------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.043 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.055 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.055 | 22.1 | 21.7 |
| Configuration 2: Tablet mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.069 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.069 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.063 | 22.1 | 21.7 |
| Configuration 3: Primary portrait mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 1.35 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 1.32 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 1.12 | 22.1 | 21.7 |
| Configuration 4: Secondary landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.082 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.088 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.083 | 22.1 | 21.7 |
| Configuration 6: Primary Landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.055 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.080 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.082 | 22.1 | 21.7 |

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WCDMA B2_HSDPA mode

| Configuration 1: Lap-held mode | | | | | | |
|--|---------|--------|----------------------------------|----------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.91dbm | 0.040 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.78dbm | 0.052 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.95dbm | 0.053 | 22.1 | 21.7 |
| Configuration 2: Tablet mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.91dbm | 0.065 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.78dbm | 0.065 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.95dbm | 0.058 | 22.1 | 21.7 |
| Configuration 3: Primary portrait mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.91dbm | 1.18 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.78dbm | 1.19 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.95dbm | 1.03 | 22.1 | 21.7 |
| Configuration 4: Secondary landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.077 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.083 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.077 | 22.1 | 21.7 |
| Configuration 6: Primary Landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.051 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.074 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.079 | 22.1 | 21.7 |

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WCDMA B2_HSUPA mode

| Configuration 1: Lap-held mode | | | | | | |
|--|---------|--------|----------------------------------|----------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.43dbm | 0.037 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.36dbm | 0.047 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.53dbm | 0.048 | 22.1 | 21.7 |
| Configuration 2: Tablet mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.43dbm | 0.058 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.36dbm | 0.059 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.53dbm | 0.055 | 22.1 | 21.7 |
| Configuration 3: Primary portrait mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.43dbm | 1.06 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.36dbm | 1.04 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.53dbm | 0.848 | 22.1 | 21.7 |
| Configuration 4: Secondary landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.078 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.085 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.079 | 22.1 | 21.7 |
| Configuration 6: Primary Landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 9262 | 1852.4 | 23.72dbm | 0.050 | 22.1 | 21.7 |
| | 9400 | 1880.0 | 23.52dbm | 0.074 | 22.1 | 21.7 |
| | 9538 | 1907.6 | 23.88dbm | 0.081 | 22.1 | 21.7 |

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WCDMA B5

Configuration 1: Lap-held mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B5 | 4132 | 826.4 | 23.87dbm | 0.014 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.019 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.018 | 22.1 | 21.7 |

Configuration 2: Tablet mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B5 | 4132 | 826.4 | 23.87dbm | 0.067 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.047 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.055 | 22.1 | 21.7 |

Configuration 3: Primary portrait mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B5 | 4132 | 826.4 | 23.87dbm | 0.351 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.287 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.286 | 22.1 | 21.7 |

Configuration 4: Secondary landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B2 | 4132 | 826.4 | 23.87dbm | 0.556 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.509 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.513 | 22.1 | 21.7 |

Configuration 6: Primary Landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B2 | 4132 | 826.4 | 23.87dbm | 0.049 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.044 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.042 | 22.1 | 21.7 |

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WCDMA B5_HSDPA mode

| Configuration 1: Lap-held mode | | | | | | |
|--|---------|-------|----------------------------------|----------------|---------------|-----------------|
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 24.09dbm | 0.014 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.88dbm | 0.018 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.91dbm | 0.017 | 22.1 | 21.7 |
| Configuration 2: Tablet mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 24.09dbm | 0.064 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.88dbm | 0.043 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.91dbm | 0.052 | 22.1 | 21.7 |
| Configuration 3: Primary portrait mode | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B5 | 4132 | 826.4 | 24.09dbm | 0.327 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.88dbm | 0.271 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.91dbm | 0.267 | 22.1 | 21.7 |
| Configuration 4: Secondary landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 4132 | 826.4 | 23.87dbm | 0.490 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.487 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.472 | 22.1 | 21.7 |
| Configuration 6: Primary Landscape mode. | | | | | | |
| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) | Amb. Temp[°C] | Liquid Temp[°C] |
| WCDMA B2 | 4132 | 826.4 | 23.87dbm | 0.045 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.042 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.039 | 22.1 | 21.7 |

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WCDMA B5_HSUPA mode

Configuration 1: Lap-held mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B5 | 4132 | 826.4 | 23.69dbm | 0.012 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.39dbm | 0.019 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.53dbm | 0.018 | 22.1 | 21.7 |

Configuration 2: Tablet mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B5 | 4132 | 826.4 | 23.69dbm | 0.058 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.39dbm | 0.040 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.53dbm | 0.049 | 22.1 | 21.7 |

Configuration 3: Primary portrait mode

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B5 | 4132 | 826.4 | 23.69dbm | 0.295 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.39dbm | 0.242 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.53dbm | 0.240 | 22.1 | 21.7 |

Configuration 4: Secondary landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B2 | 4132 | 826.4 | 23.87dbm | 0.444 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.435 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.428 | 22.1 | 21.7 |

Configuration 6: Primary Landscape mode.

| Frequency | Channel | MHz | Conducted Output Power (Average) | Measured(W/kg) 1g | Amb. Temp[°C] | Liquid Temp[°C] |
|-----------|---------|-------|----------------------------------|----------------------|---------------|-----------------|
| WCDMA B2 | 4132 | 826.4 | 23.87dbm | 0.043 | 22.1 | 21.7 |
| | 4183 | 836.6 | 23.63dbm | 0.038 | 22.1 | 21.7 |
| | 4233 | 846.6 | 23.72dbm | 0.035 | 22.1 | 21.7 |

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3. Instruments List

| Manufacturer | Device | Type | Serial number | Date of last calibration |
|---------------------------------|--|----------------------------|----------------|----------------------------|
| Schmid & Partner Engineering AG | Dosimetric E-Field Probe | EX3DV3 | 3526 | Aug.26.2009 |
| Schmid & Partner Engineering AG | 835/1900/2450 MHz System Validation Dipole | D835V2 D1900V2 | 4d063 5d027 | Apr.22.2009 Apr.27.2009 |
| Schmid & Partner Engineering AG | Data acquisition Electronics | DAE4 | 547 | Jan.20.2009 |
| Schmid & Partner Engineering AG | Software | DASY 4 V4.7 Build 80 | N/A | Calibration not required |
| Schmid & Partner Engineering AG | Phantom | SAM | N/A | Calibration not required |
| Agilent | Network Analyzer | 8753D | 3410A05547 | Mar.31.2009 |
| Agilent | Dielectric Probe Kit | 85070D | US01440168 | Calibration not required |
| Agilent | Dual-directional coupler | 778D | 50313 | Aug.26.2009 |
| Agilent | RF Signal Generator | 8648D | 3847M00432 | May.25.2009 |
| Agilent | Power Sensor | U2001B | MY48100169 | Apr.23.2009 |
| R&S | Radio Communication Test | CMU200 | 109326 | Mar.17.2009 |

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4. Measurements

Date/Time: 2009/11/10 00:53:39

Configuration 1_CH128

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.021 mW/g

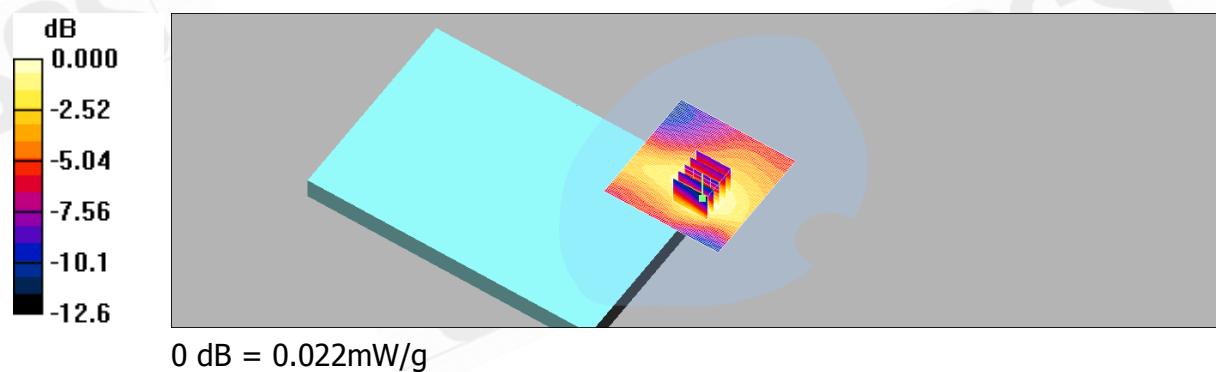
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.69 V/m; Power Drift = 0.126 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.014 mW/g

Maximum value of SAR (measured) = 0.022 mW/g



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Configuration 1_CH190

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.028 mW/g

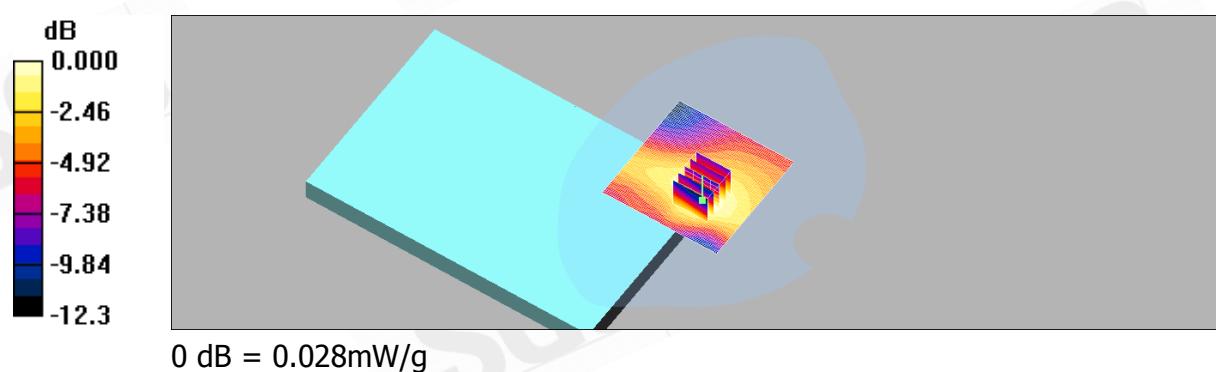
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.35 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.037 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.028 mW/g



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Configuration 1_CH251

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 849$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

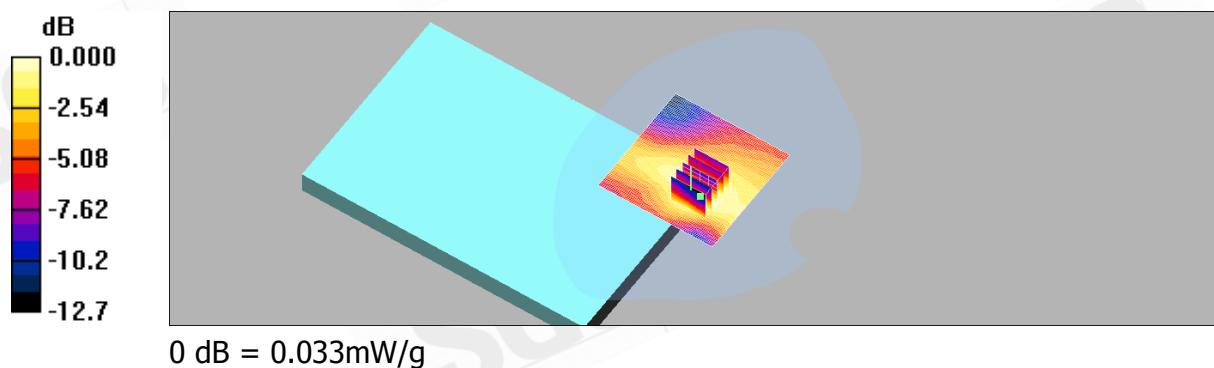
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.10 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.042 W/kg

SAR(1 g) = 0.031 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.033 mW/g



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Configuration 2_CH128

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

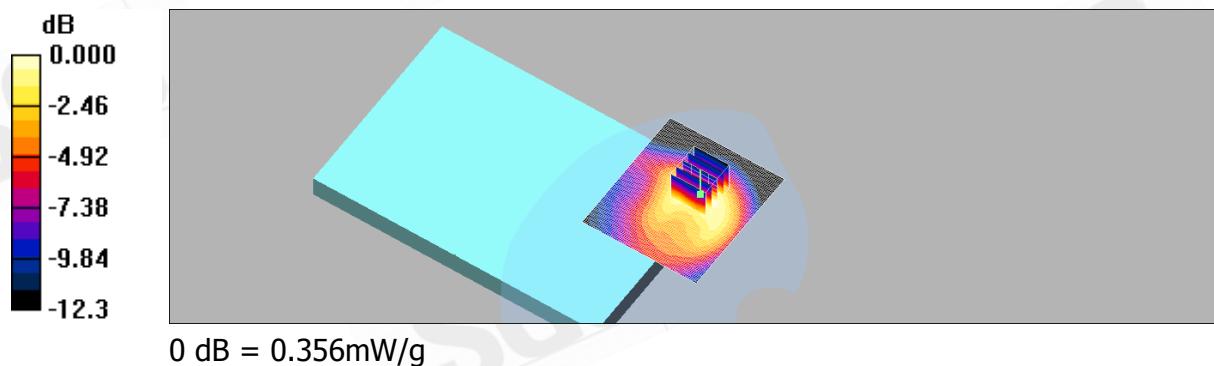
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.359 mW/g

body/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) = 0.525 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.356 mW/g



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Configuration 2_CH190

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.277 mW/g

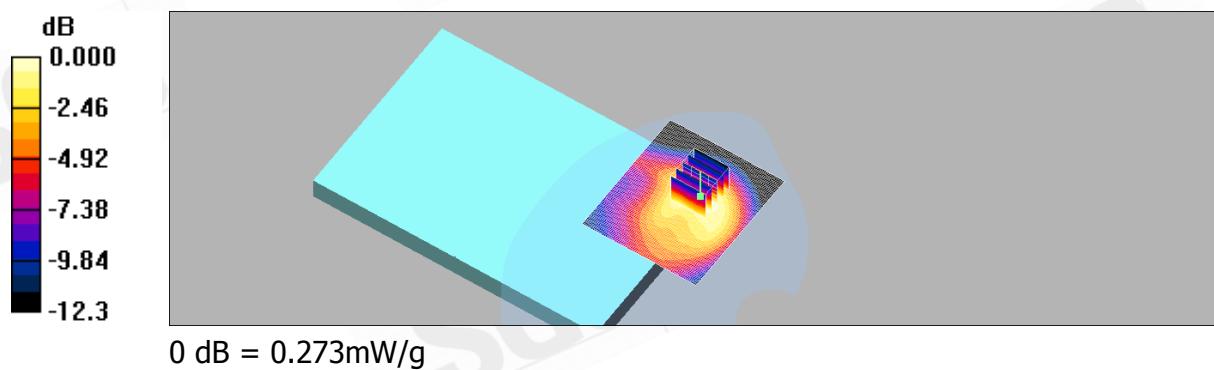
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.98 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



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Configuration 2_CH251

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 849$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

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

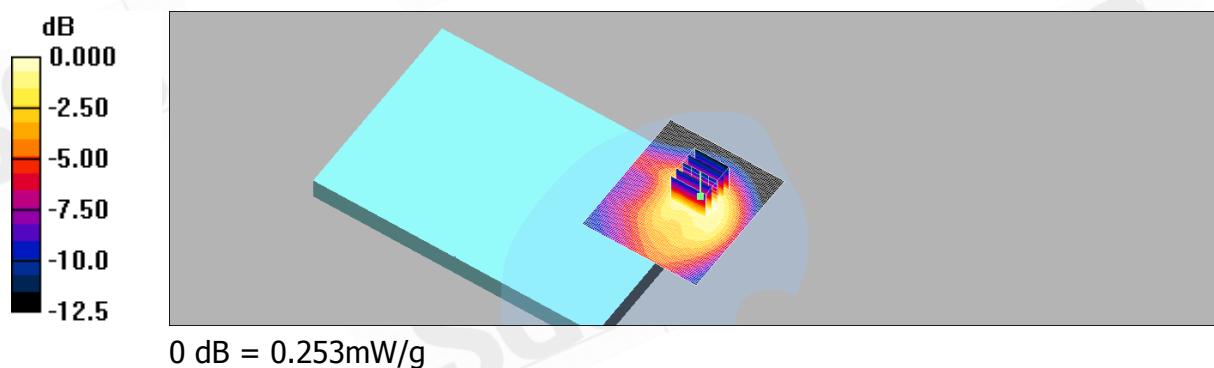
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.89 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.253 mW/g



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Configuration 3_CH128

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 26.8 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 0.785 mW/g

body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.990 W/kg

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.494 mW/g

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

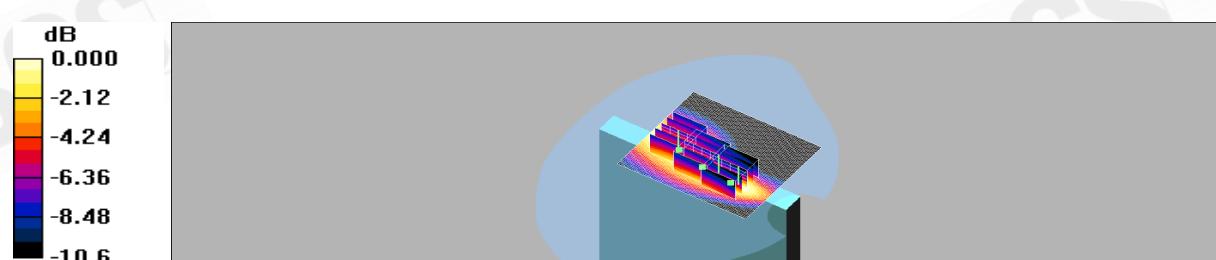
body/Zoom Scan (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.471 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



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Configuration 3_CH190

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.574 mW/g

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

Reference Value = 22.5 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.740 W/kg

SAR(1 g) = 0.533 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.567 mW/g

body/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.315 mW/g

Maximum value of SAR (measured) = 0.549 mW/g

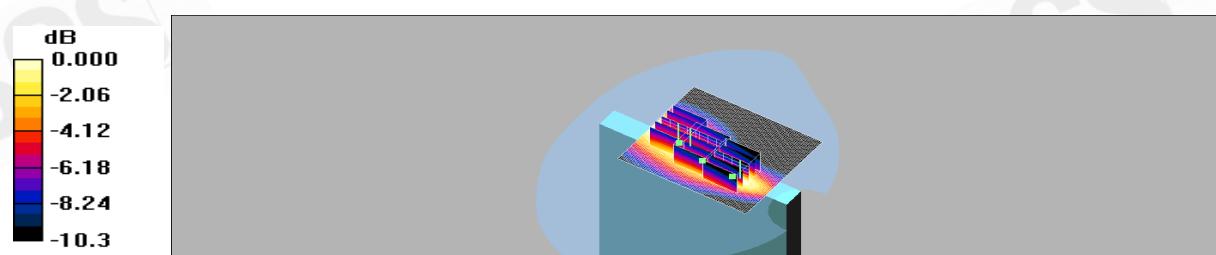
body/Zoom Scan (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.351 mW/g

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



Configuration 3_CH251

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 849$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.480 mW/g

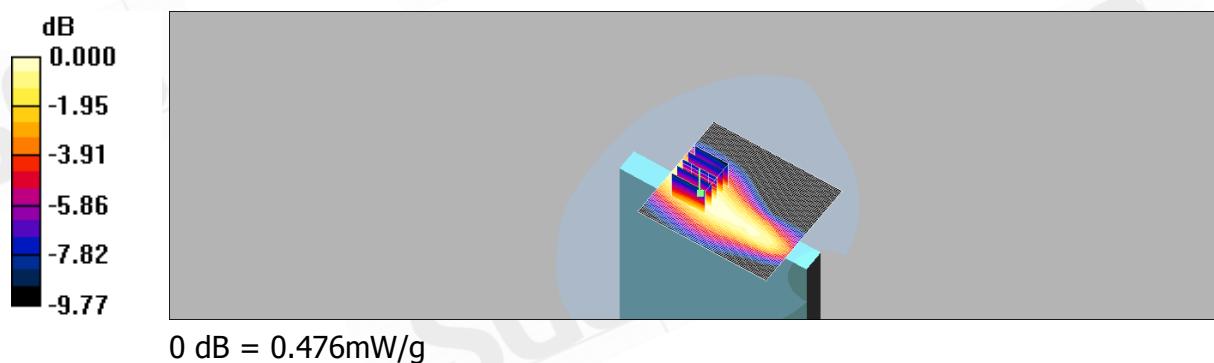
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 0.476 mW/g



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Configuration 4_CH128

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.32 mW/g

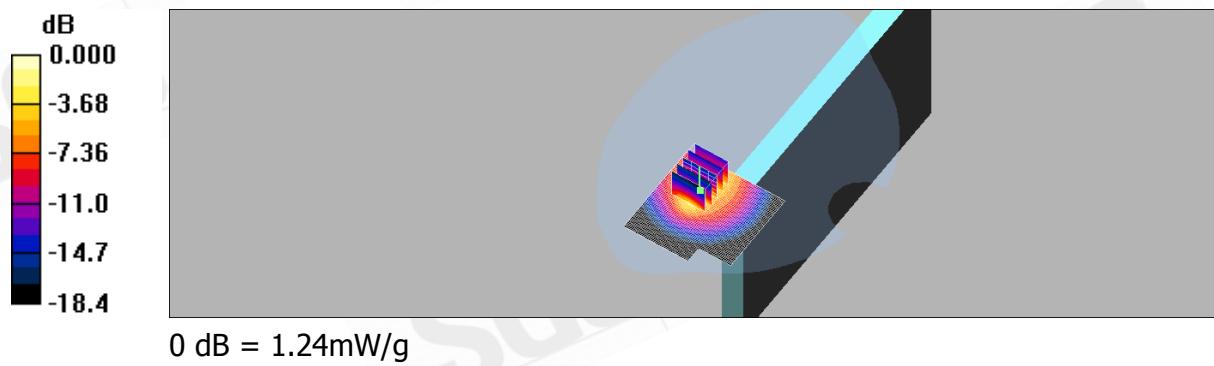
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.463 mW/g

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



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Configuration 4_CH190

DUT: IdeaPad S10-3t;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

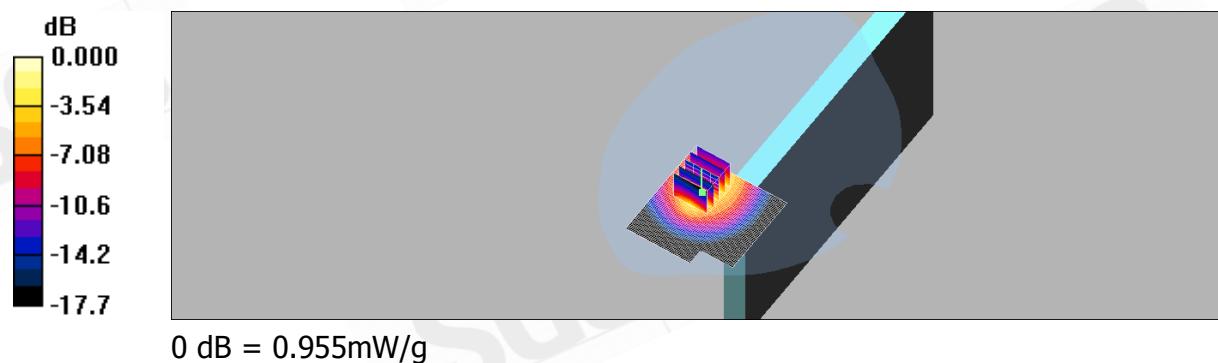
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.955 mW/g



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Configuration 4_CH251

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used: $f = 849$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

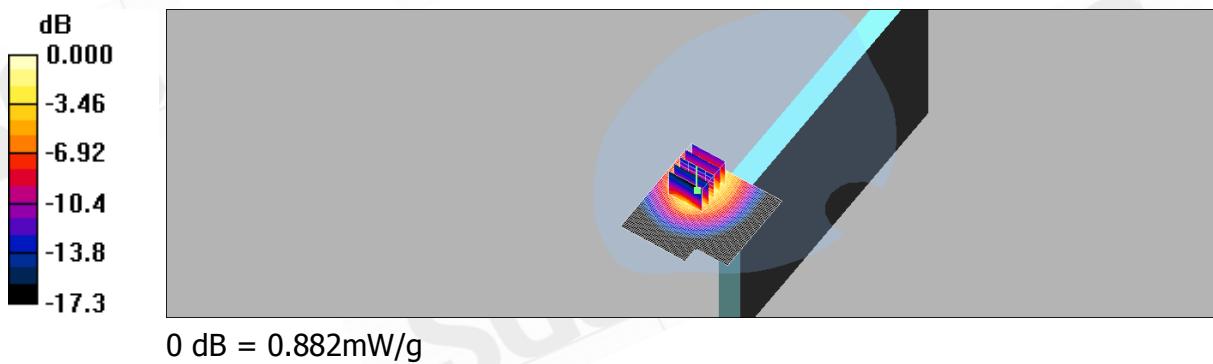
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.919 mW/g

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

Reference Value = 14.3 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.882 mW/g



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Configuration 6_CH128

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

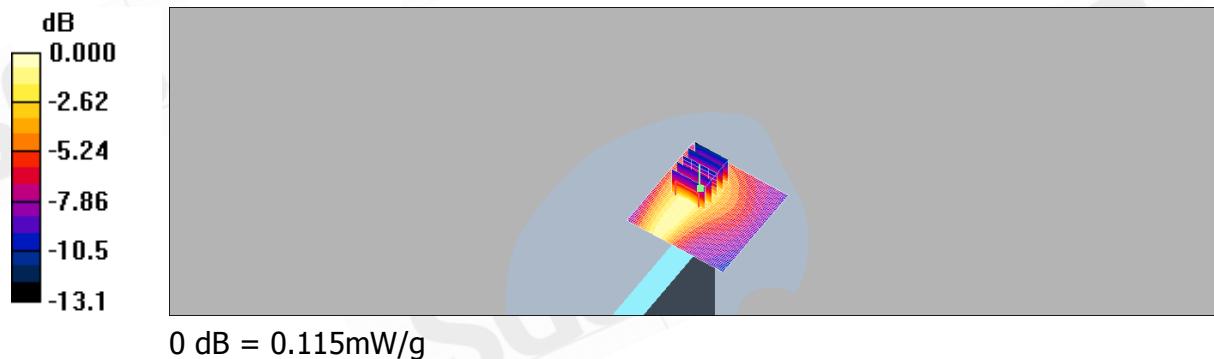
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.116 mW/g

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

Reference Value = 6.06 V/m; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.115 mW/g



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Configuration 6_CH190

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

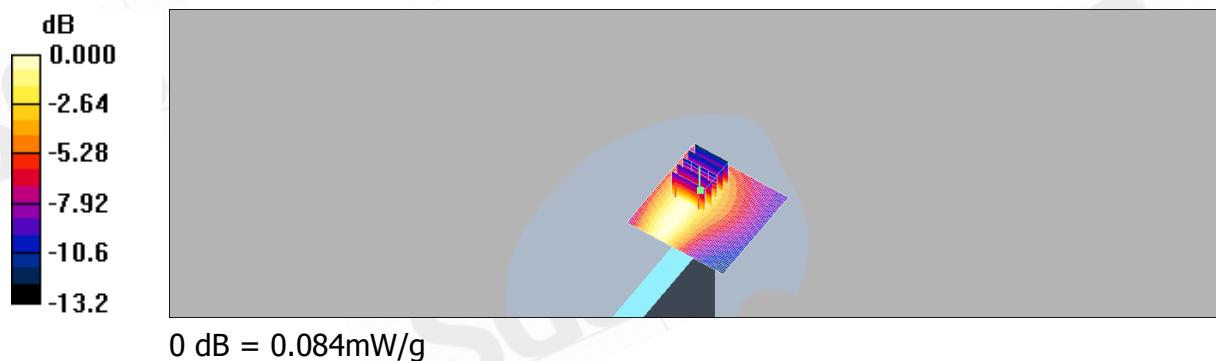
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.086 mW/g

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

Reference Value = 5.82 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.131 W/kg

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.084 mW/g



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Configuration 6_CH251

DUT: IdeaPad S10-3t;

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:4
Medium: Muscle 900 MHz Medium parameters used: $f = 849$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

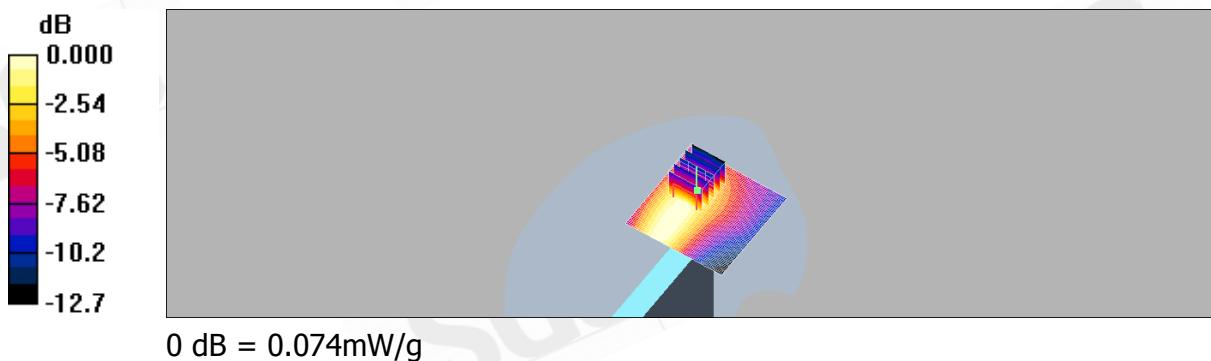
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.077 mW/g

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

Reference Value = 6.04 V/m; Power Drift = 0.105 dB
Peak SAR (extrapolated) = 0.116 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.074 mW/g



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Configuration 1_CH512

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

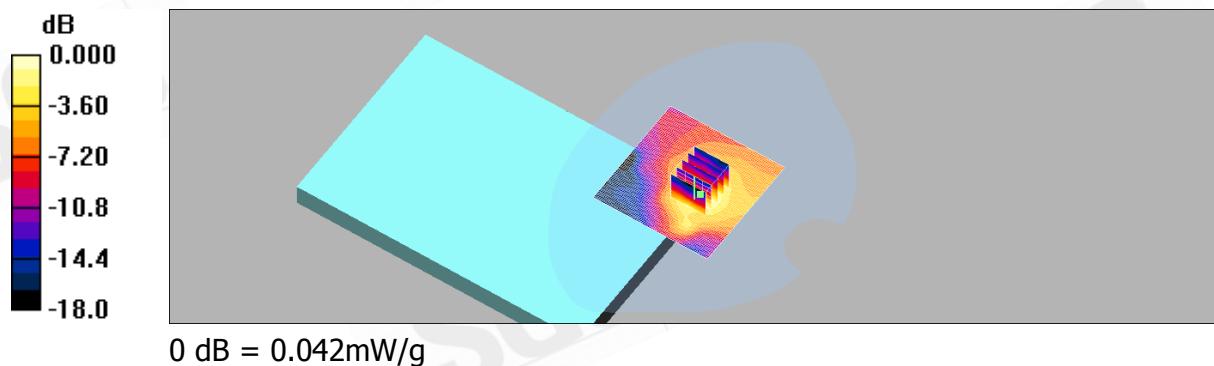
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.040 mW/g

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

Reference Value = 4.50 V/m; Power Drift = -0.064 dB
Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



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Configuration 1_CH661

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

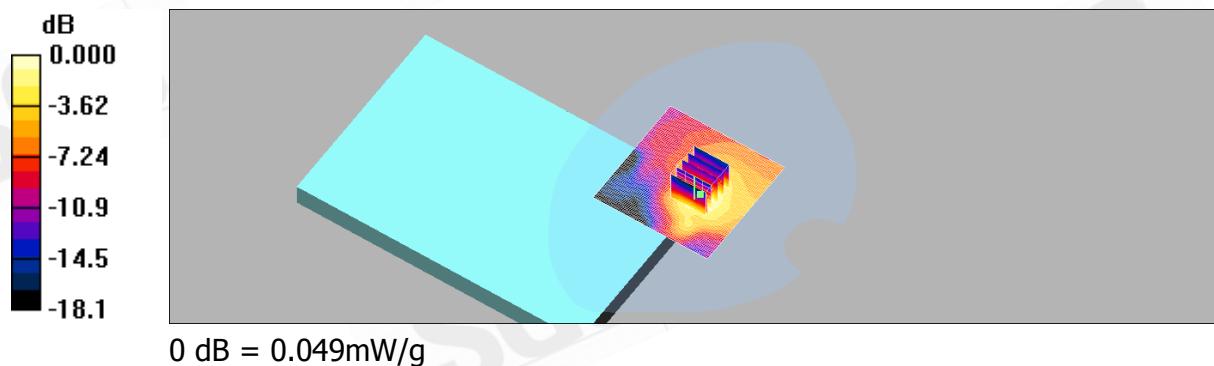
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.046 mW/g

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

Reference Value = 4.73 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 0.077 W/kg

SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



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Configuration 1_CH810

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

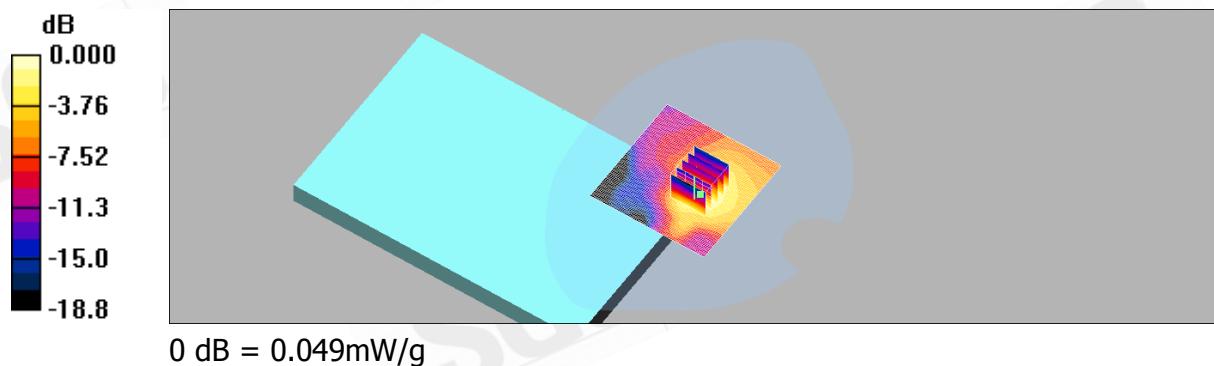
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.049 mW/g

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

Reference Value = 4.76 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



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Configuration 2_CH512

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.063 mW/g

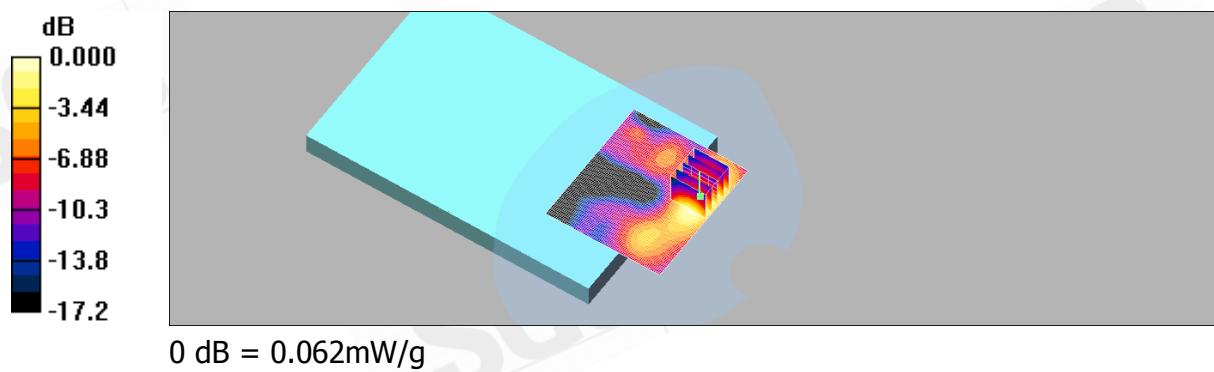
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.25 V/m; Power Drift = -0.186 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



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Configuration 2_CH661

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

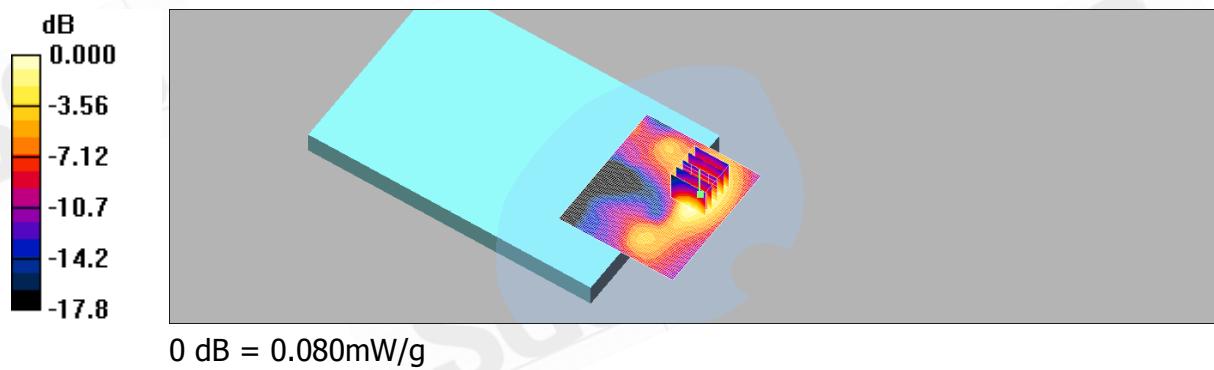
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.081 mW/g

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

Reference Value = 0.704 V/m; Power Drift = 0.149 dB
Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.080 mW/g



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Configuration 2_CH810

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

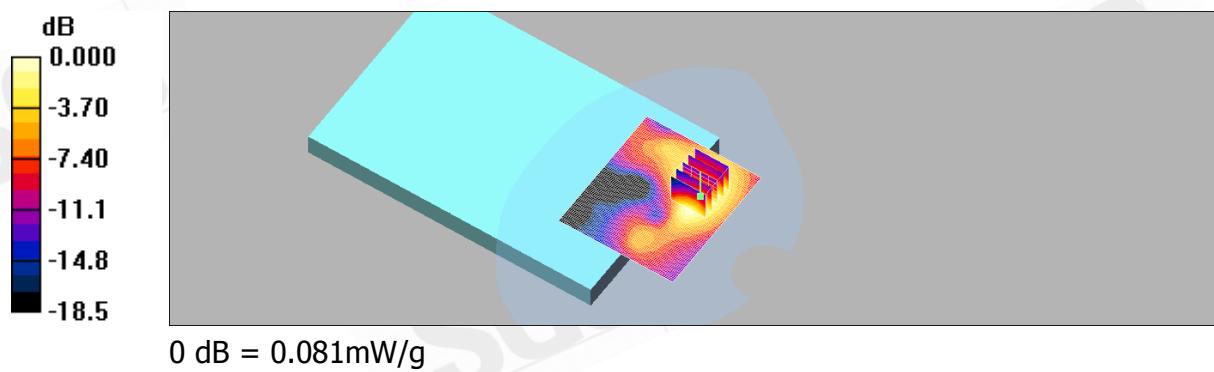
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.085 mW/g

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

Reference Value = 1.12 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.081 mW/g



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Configuration 3_CH512

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

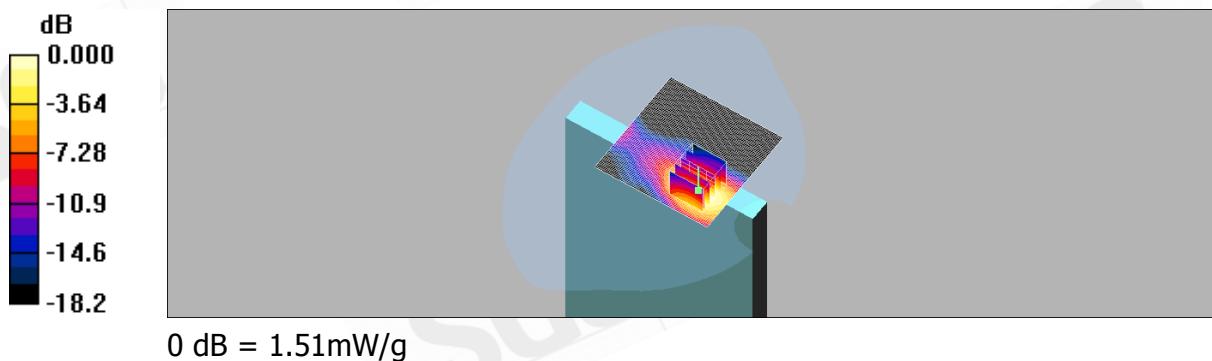
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.60 mW/g

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

Reference Value = 11.1 V/m; Power Drift = -0.078 dB
Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 1.37 mW/g; SAR(10 g) = 0.779 mW/g
Maximum value of SAR (measured) = 1.51 mW/g



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Configuration 3_CH661

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.60 mW/g

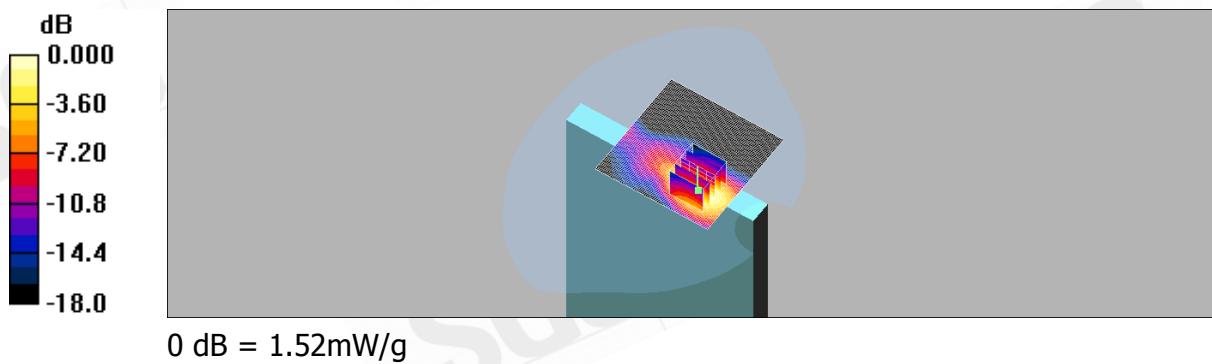
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.758 mW/g

Maximum value of SAR (measured) = 1.52 mW/g



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Configuration 3_CH810

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.61$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.66 mW/g

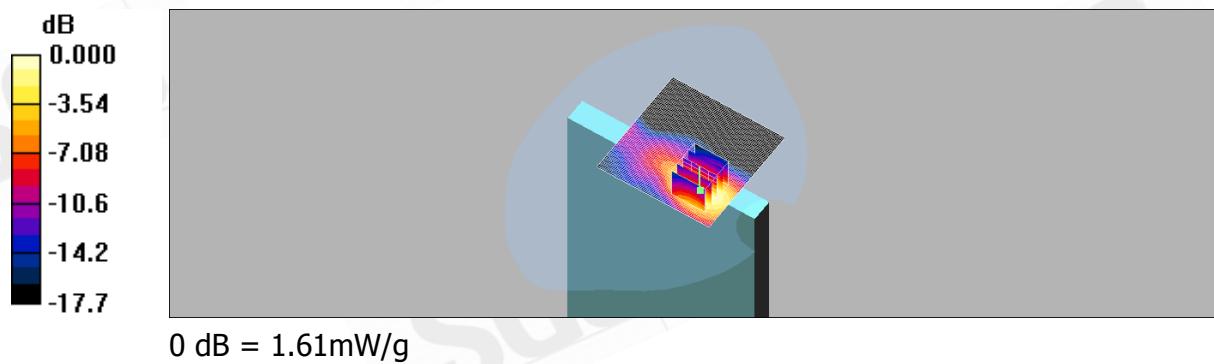
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 2.40 W/kg

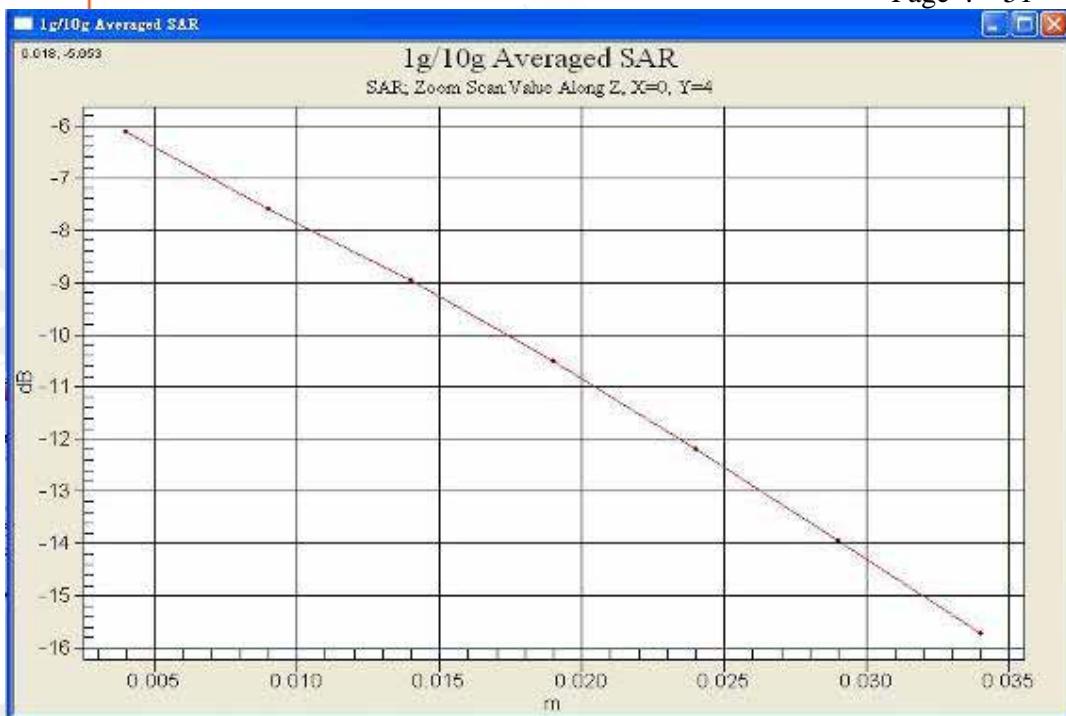
SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.812 mW/g

Maximum value of SAR (measured) = 1.61 mW/g



0 dB = 1.61mW/g

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Configuration 4_CH512

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.123 mW/g

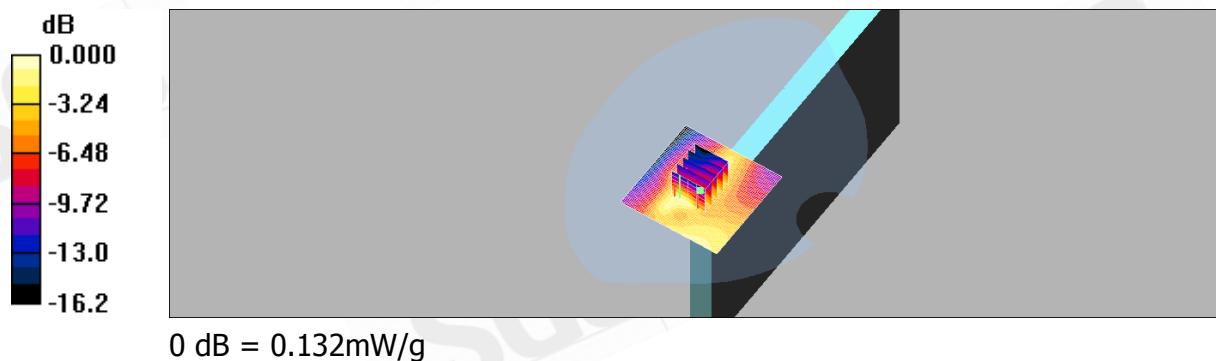
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.96 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.132 mW/g



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Configuration 4_CH661

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.109 mW/g

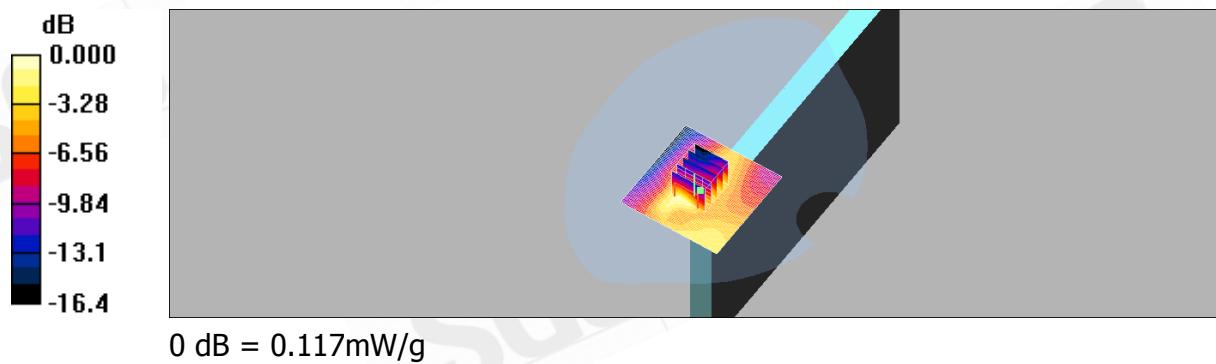
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.18 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.117 mW/g



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Configuration 4_CH810

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.62$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.187 mW/g

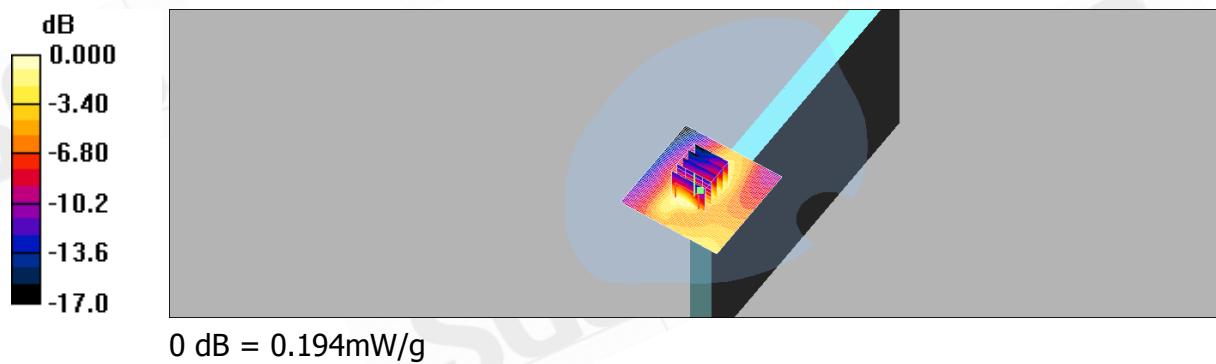
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.89 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.096 mW/g

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



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Configuration 6_CH512

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.041 mW/g

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

Reference Value = 1.28 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.062 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g
Maximum value of SAR (measured) = 0.038 mW/g



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Configuration 6_CH661

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1880 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.029 mW/g

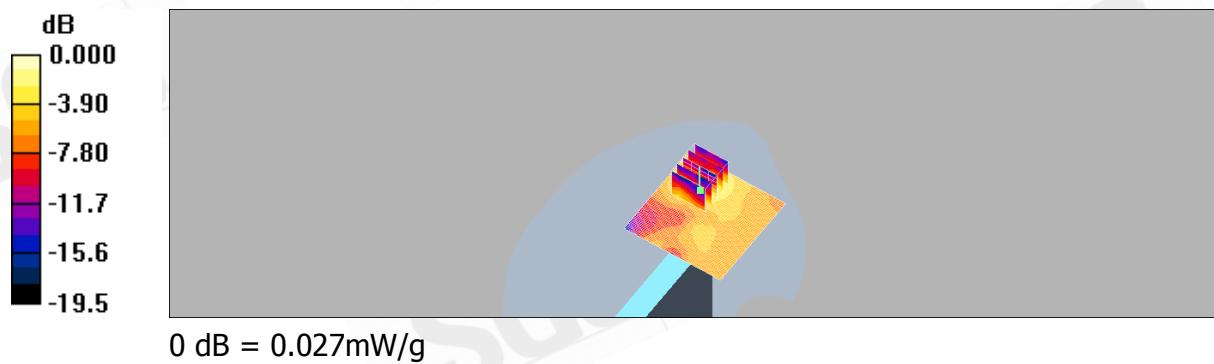
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.01 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.047 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.013 mW/g

Maximum value of SAR (measured) = 0.027 mW/g



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Configuration 6_CH810

DUT: IdeaPad S10-3t;

Communication System: GSM1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4
Medium: M1800 & 1900 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.62$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

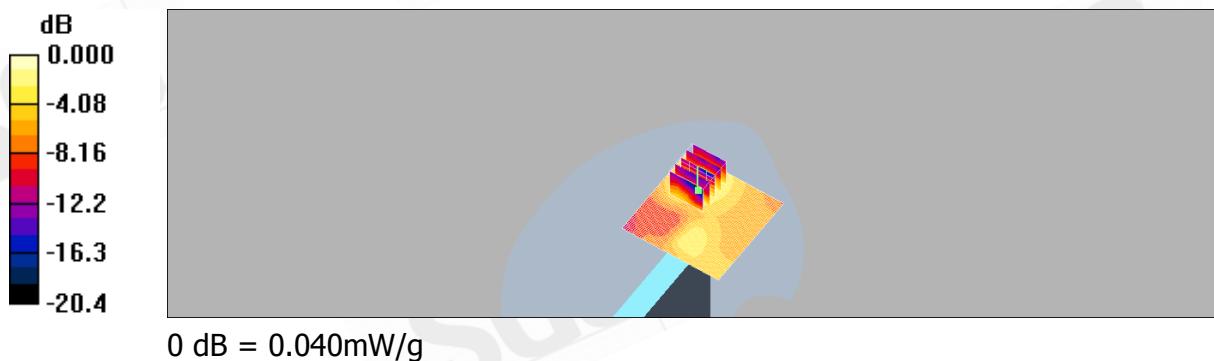
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.044 mW/g

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

Reference Value = 0.977 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.071 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g
Maximum value of SAR (measured) = 0.040 mW/g



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Configuration 1_CH9262

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

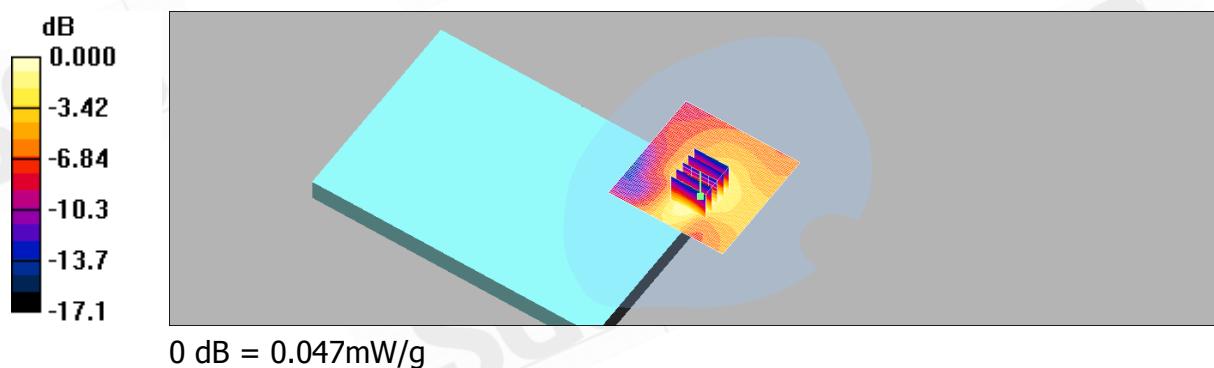
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.048 mW/g

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

Reference Value = 4.25 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.047 mW/g



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Configuration 1_CH9400

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

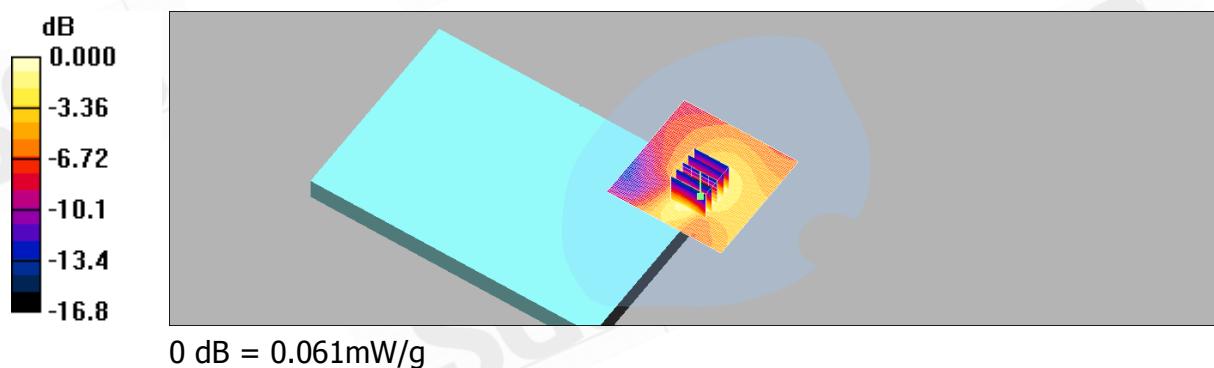
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g

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

Reference Value = 4.99 V/m; Power Drift = 0.086 dB
Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



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Configuration 1_CH9538

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

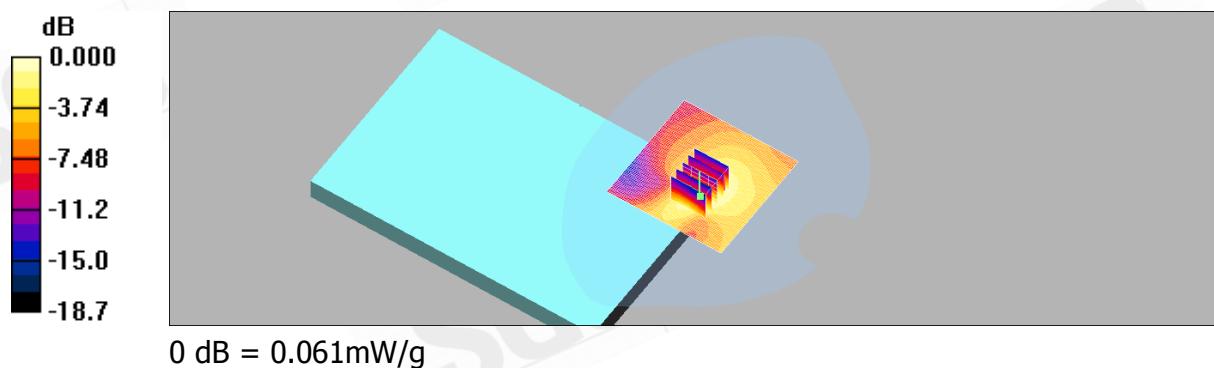
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.063 mW/g

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

Reference Value = 5.19 V/m; Power Drift = 0.017 dB
Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



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Configuration 2_CH9262

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.078 mW/g

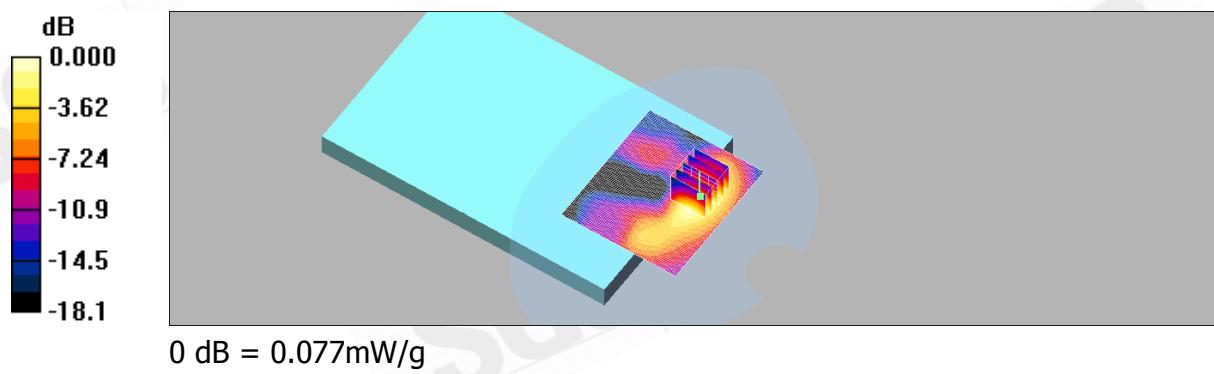
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.13 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.077 mW/g



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Configuration 2_CH9400

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.077 mW/g

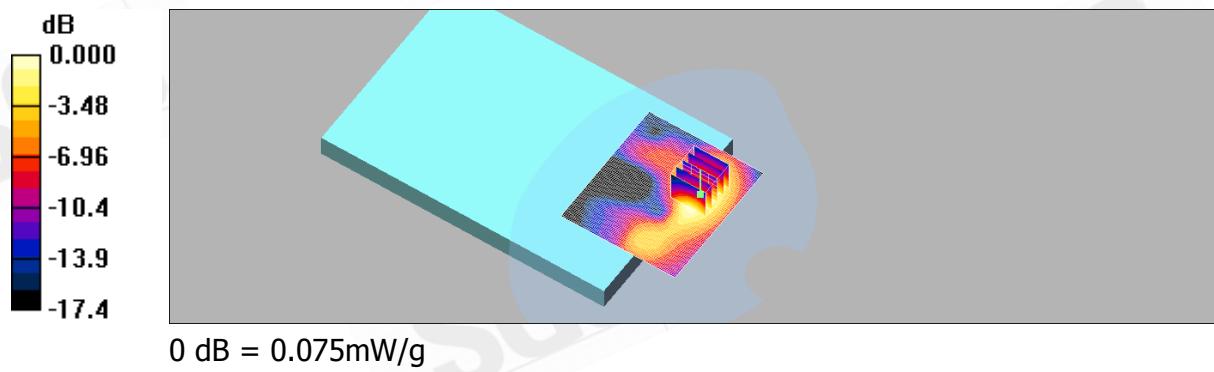
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.49 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.040 mW/g

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



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Configuration 2_CH9538

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.070 mW/g

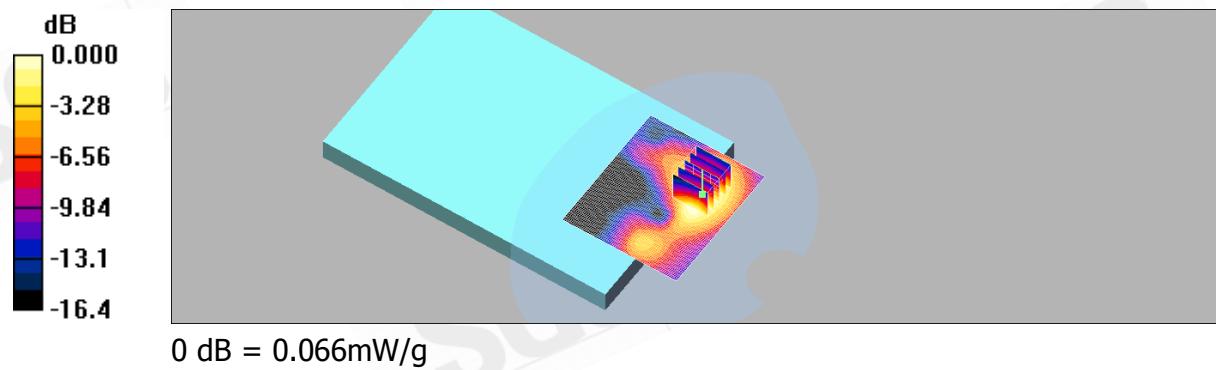
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.27 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.037 mW/g

Maximum value of SAR (measured) = 0.066 mW/g



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Configuration 3_CH9262

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

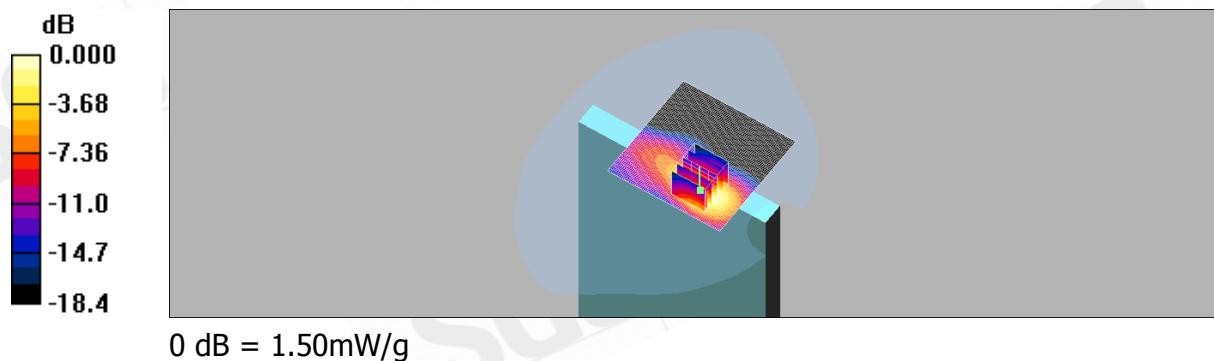
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.55 mW/g

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

Reference Value = 16.4 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.35 mW/g; SAR(10 g) = 0.727 mW/g
Maximum value of SAR (measured) = 1.50 mW/g



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Configuration 3_CH9400

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

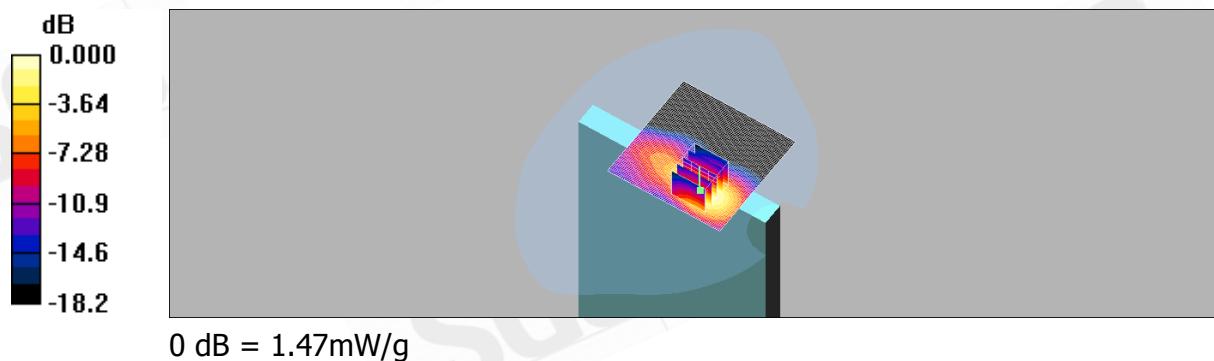
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.50 mW/g

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

Reference Value = 16.7 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.714 mW/g
Maximum value of SAR (measured) = 1.47 mW/g



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Configuration 3_CH9538

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.61$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 mW/g

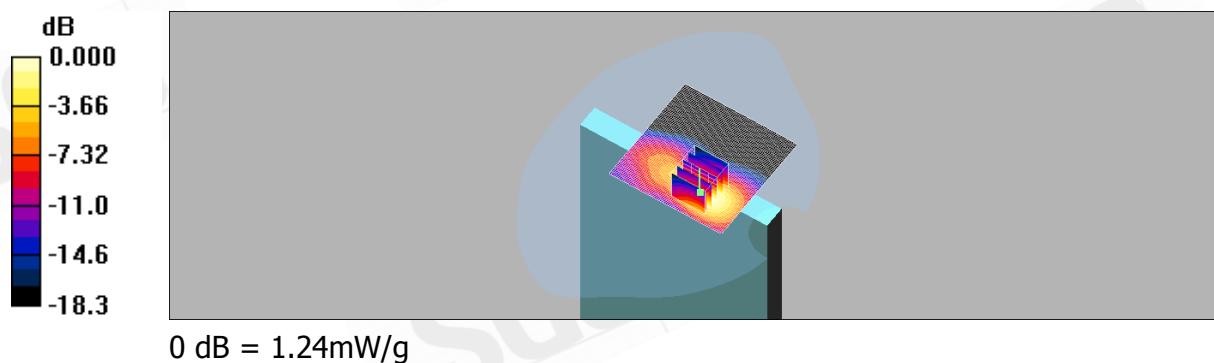
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.605 mW/g

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



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Configuration 4_CH9262

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.089 mW/g

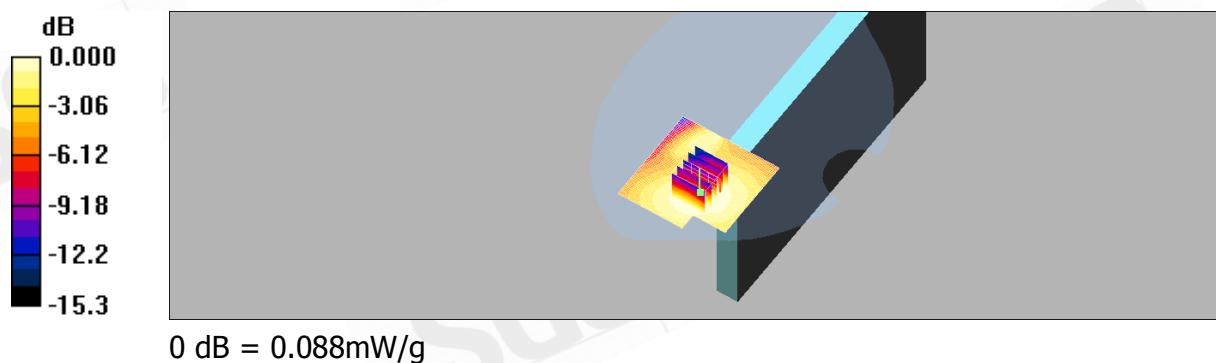
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.61 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.088 mW/g



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Configuration 4_CH9400

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

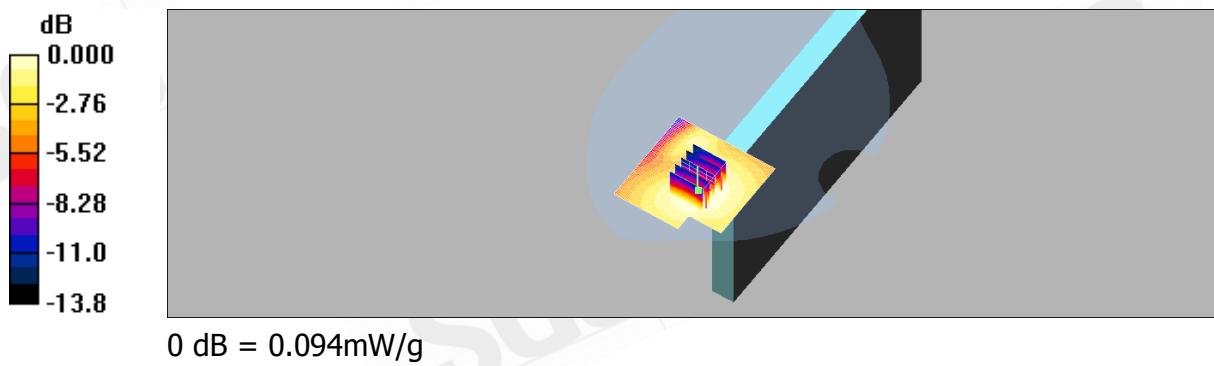
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.096 mW/g

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

Reference Value = 4.64 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.094 mW/g



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Configuration 4_CH9538

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.62$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

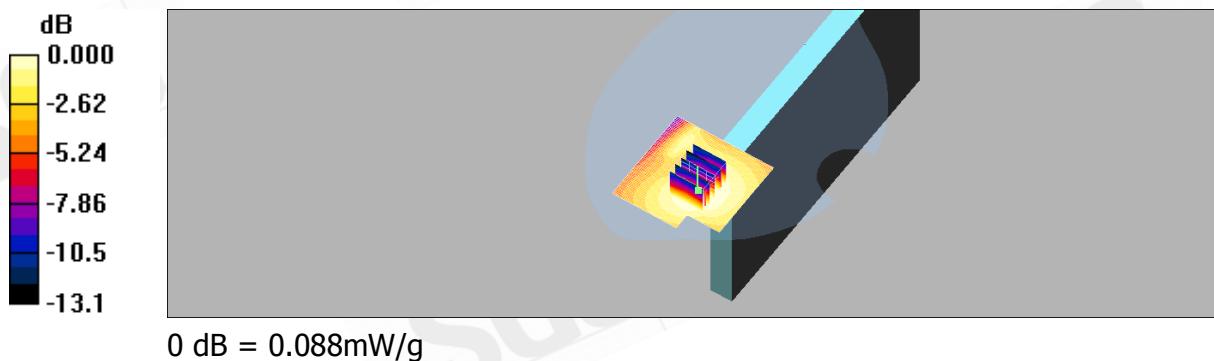
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.088 mW/g

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

Reference Value = 4.14 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.088 mW/g



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Configuration 6_CH9262

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.064 mW/g

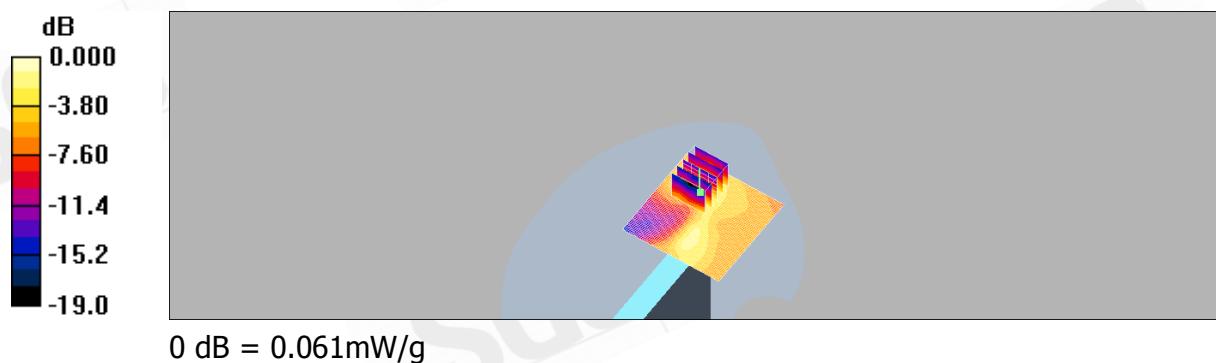
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.21 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.061 mW/g



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Configuration 6_CH9400

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

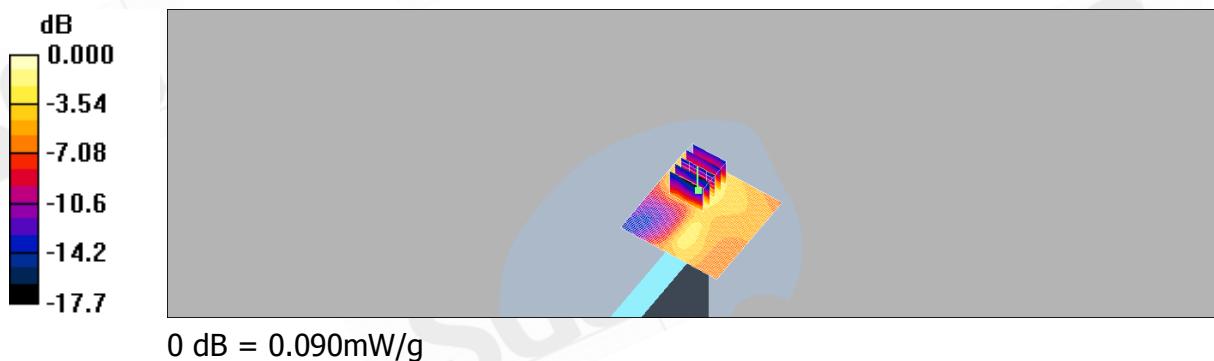
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.096 mW/g

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

Reference Value = 1.54 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.090 mW/g



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Configuration 6_CH9538

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.62$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

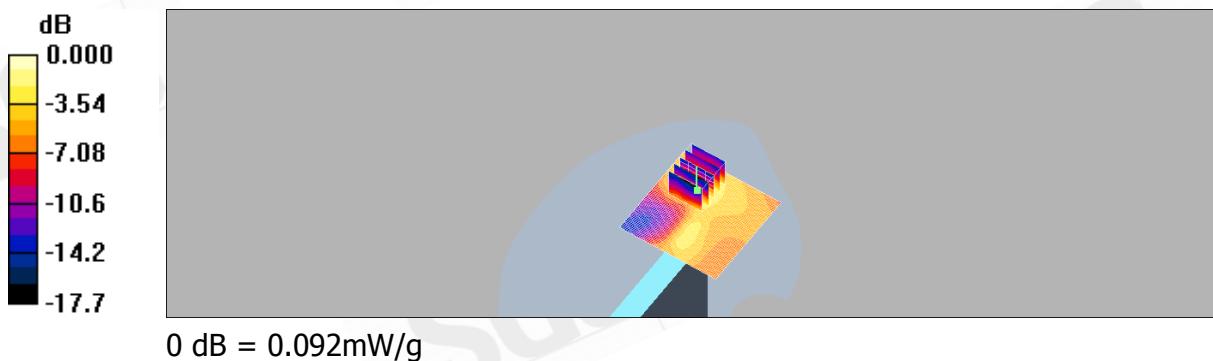
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.099 mW/g

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

Reference Value = 1.55 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.092 mW/g



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Configuration 1_CH9262_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

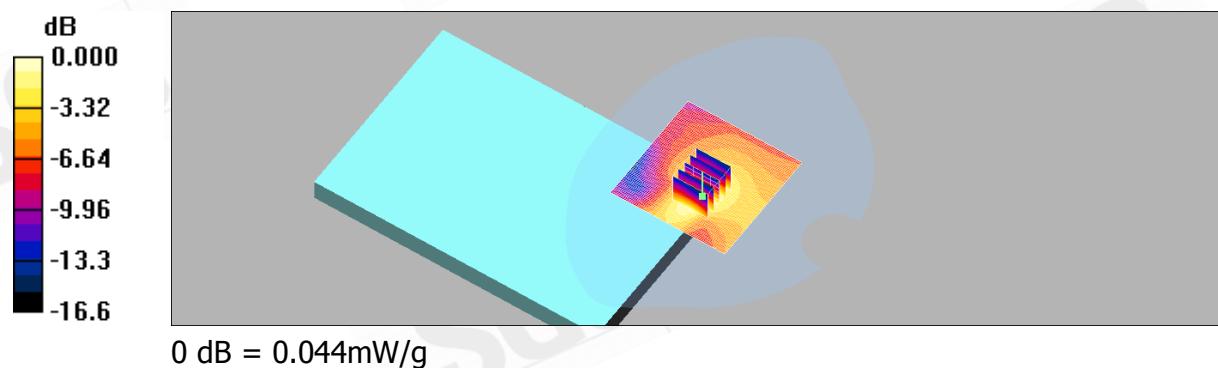
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.044 mW/g

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

Reference Value = 4.06 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.068 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.023 mW/g
Maximum value of SAR (measured) = 0.044 mW/g



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Configuration 1_CH9400_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

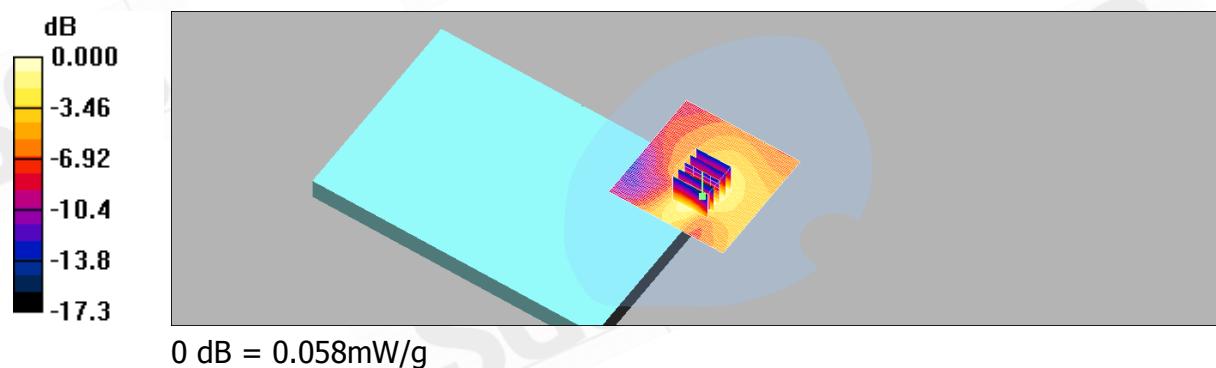
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.059 mW/g

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

Reference Value = 4.86 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



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Configuration 1_CH9538_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

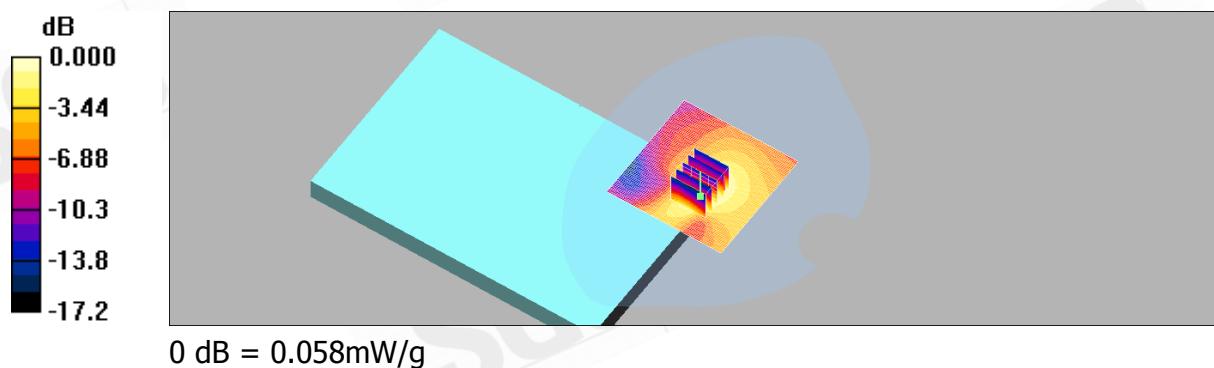
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.060 mW/g

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

Reference Value = 5.01 V/m; Power Drift = 0.041 dB
Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



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Configuration 2_CH9262_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

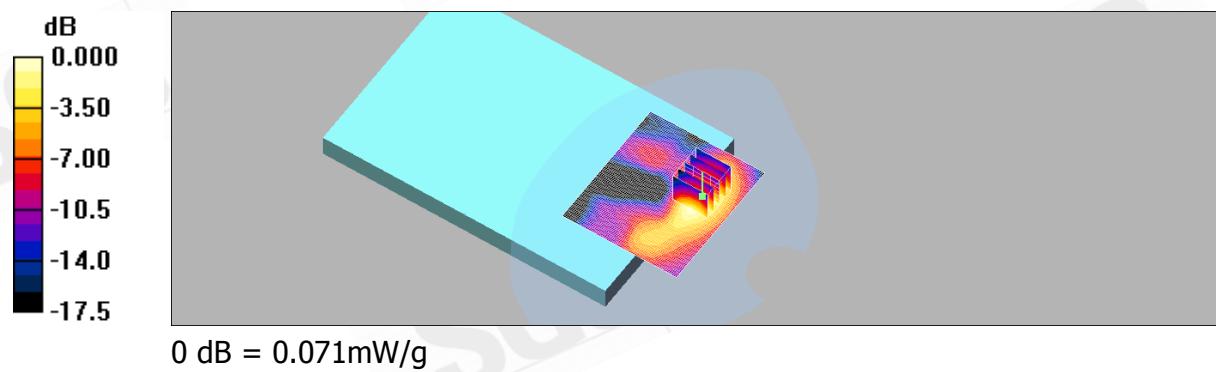
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

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

Reference Value = 2.98 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



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Configuration 2_CH9400_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

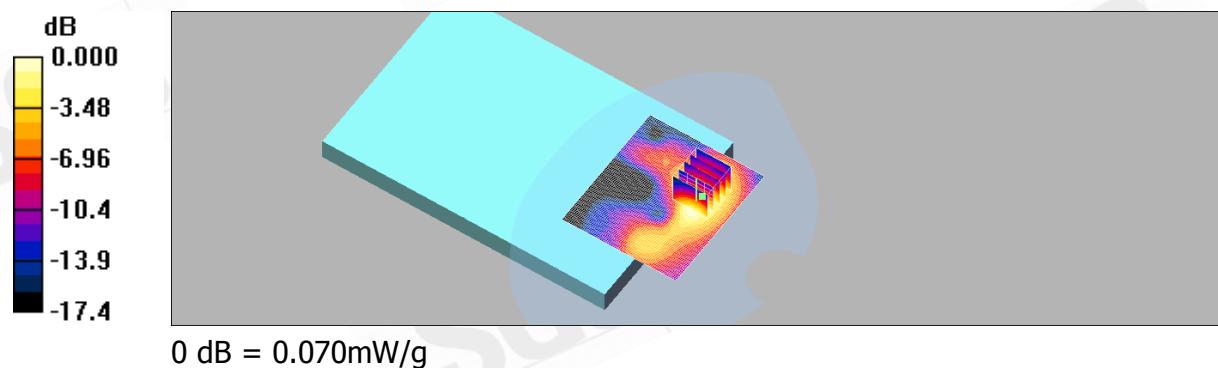
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.071 mW/g

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

Reference Value = 2.36 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.070 mW/g



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Configuration 2_CH9538_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.065 mW/g

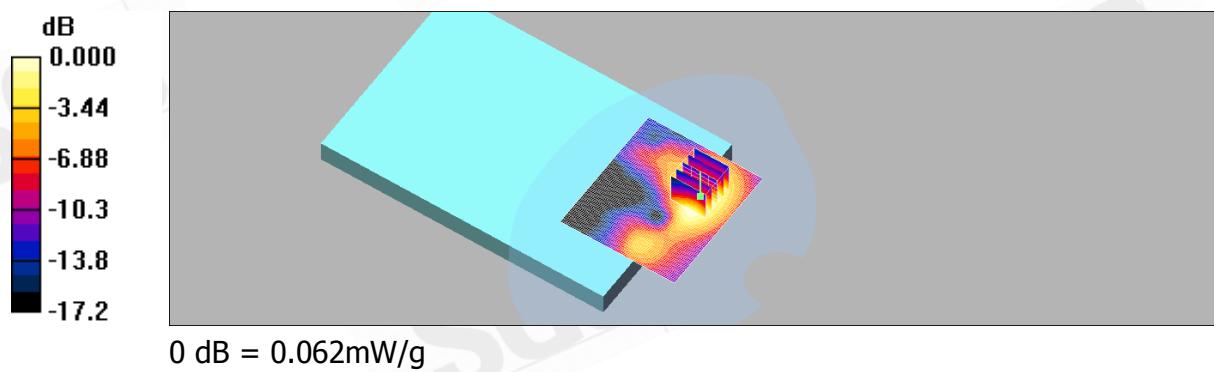
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.22 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.062 mW/g



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Configuration 3_CH9262_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 mW/g

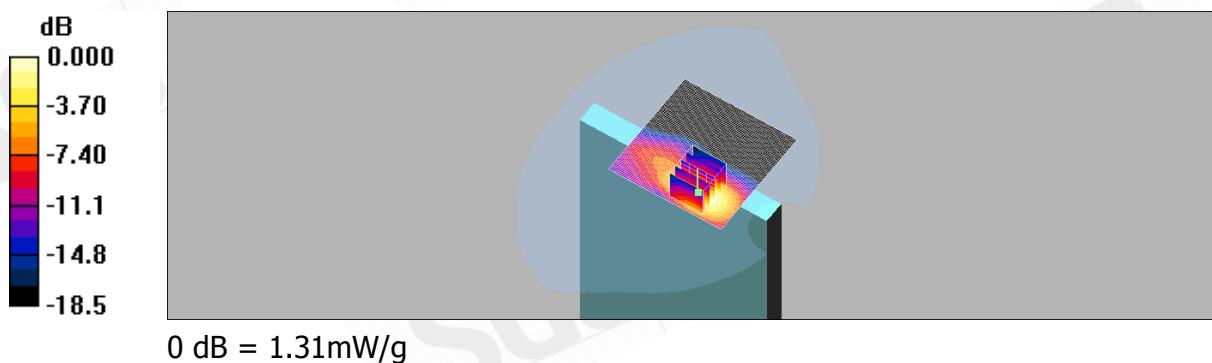
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.0 V/m; Power Drift = -0.166 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.637 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31mW/g

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Configuration 3_CH9400_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.33 mW/g

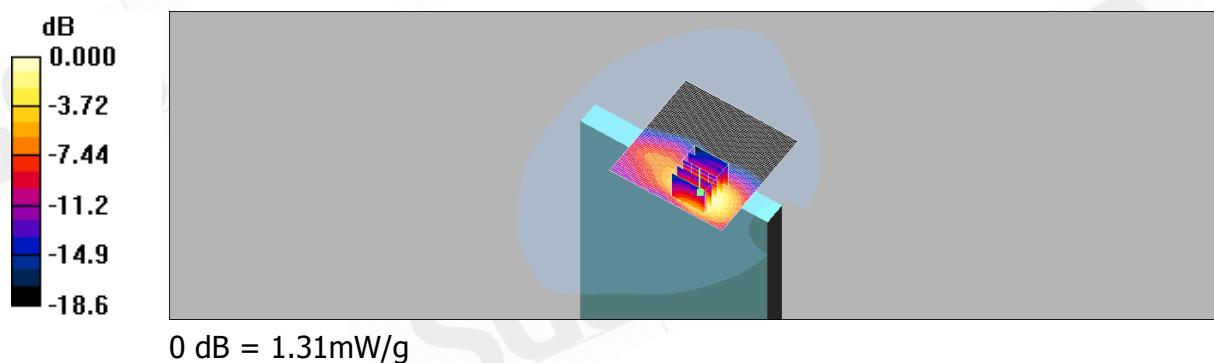
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.642 mW/g

Maximum value of SAR (measured) = 1.31 mW/g



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Configuration 3_CH9538_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.61$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 mW/g

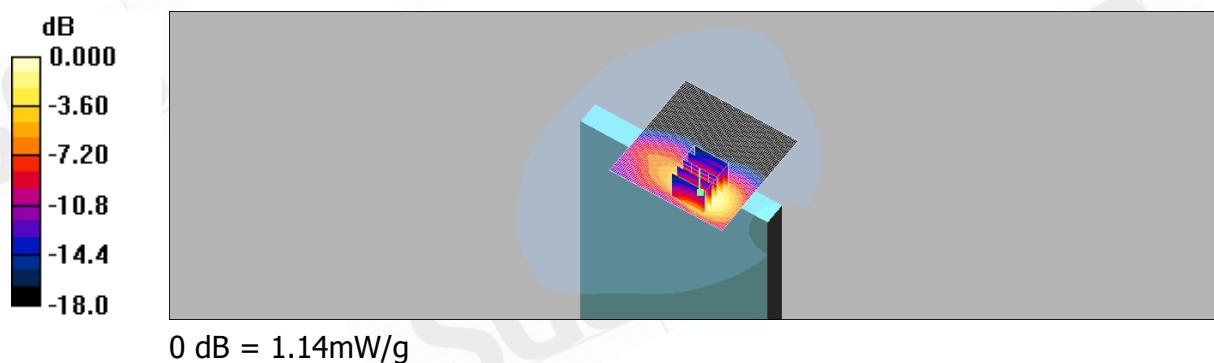
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.160 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.558 mW/g

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



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Configuration 4_CH9262_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

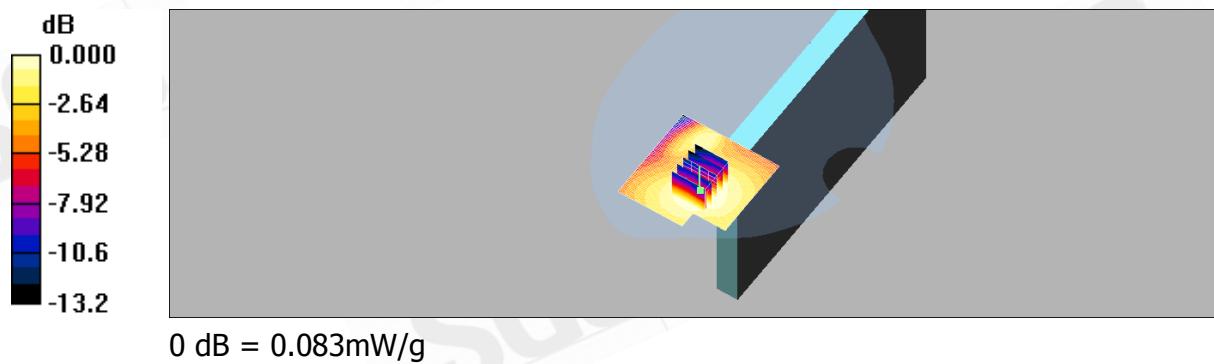
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.084 mW/g

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

Reference Value = 4.38 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



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Configuration 4_CH9400_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

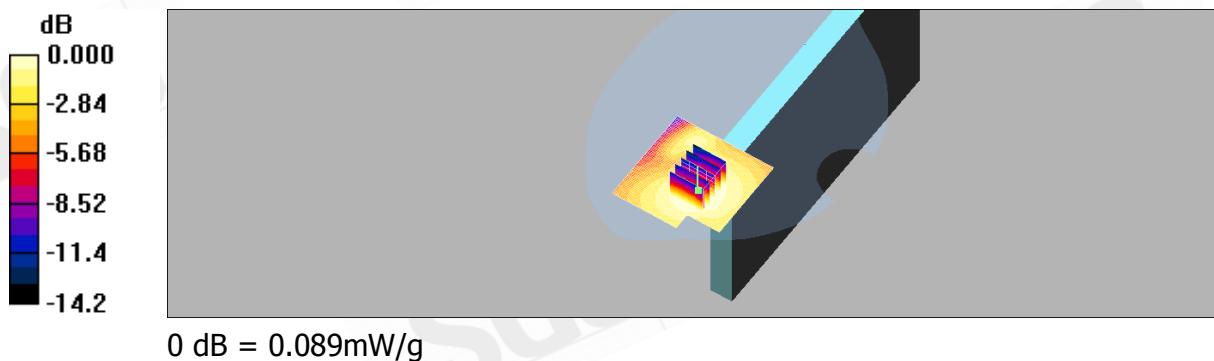
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.091 mW/g

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

Reference Value = 4.48 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.089 mW/g



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Configuration 4_CH9538_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.62 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

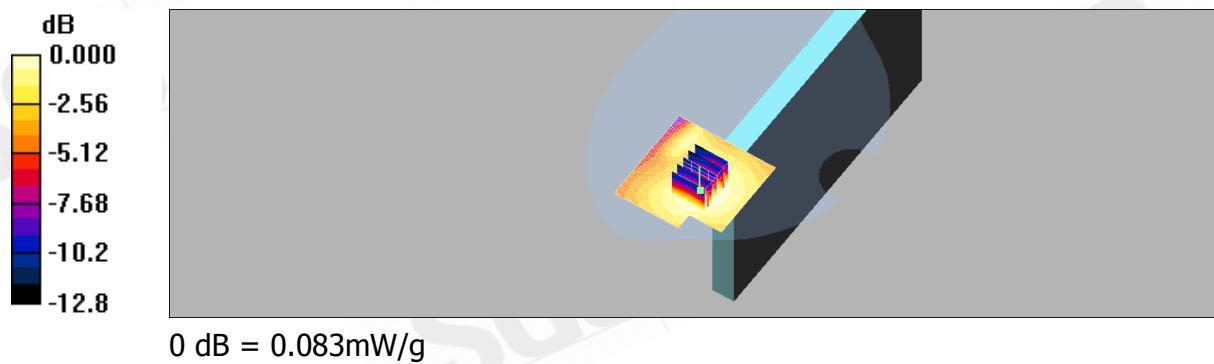
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.083 mW/g

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

Reference Value = 3.96 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



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Configuration 6_CH9262_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

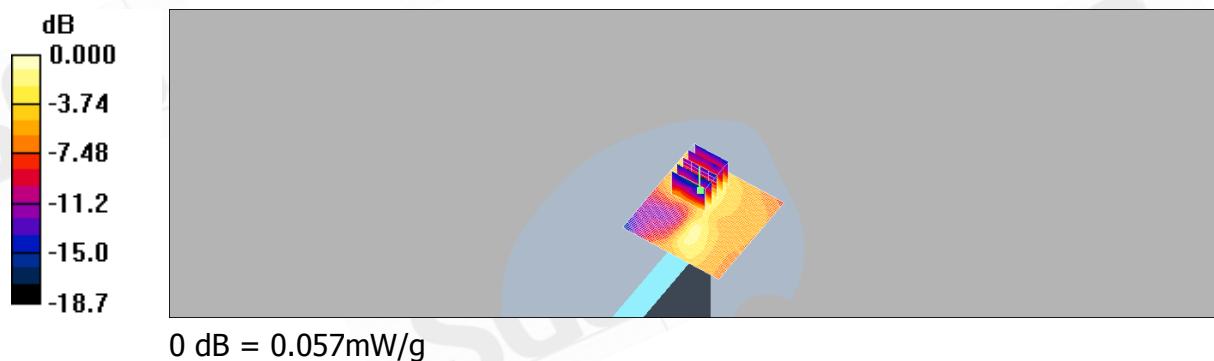
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g

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

Reference Value = 0.798 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.096 W/kg

SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.057 mW/g



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Configuration 6_CH9400_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

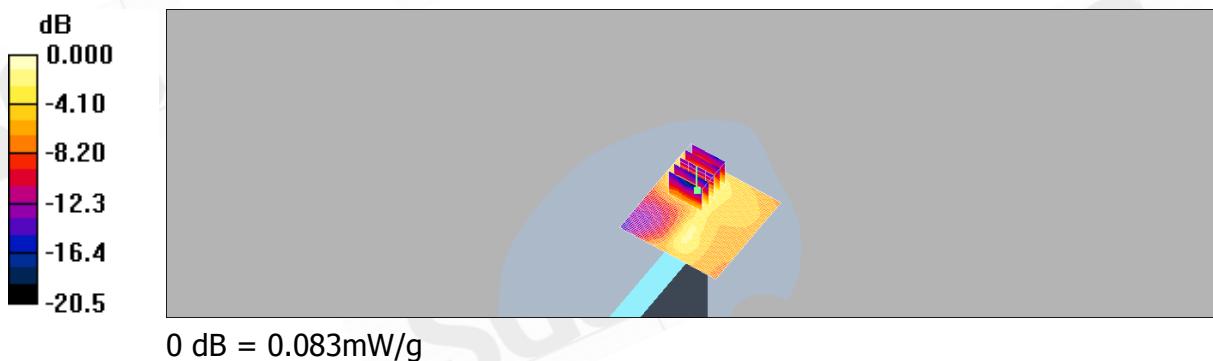
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.090 mW/g

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

Reference Value = 1.35 V/m; Power Drift = 0.153 dB
Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



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Configuration 6_CH9538_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.62$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.096 mW/g

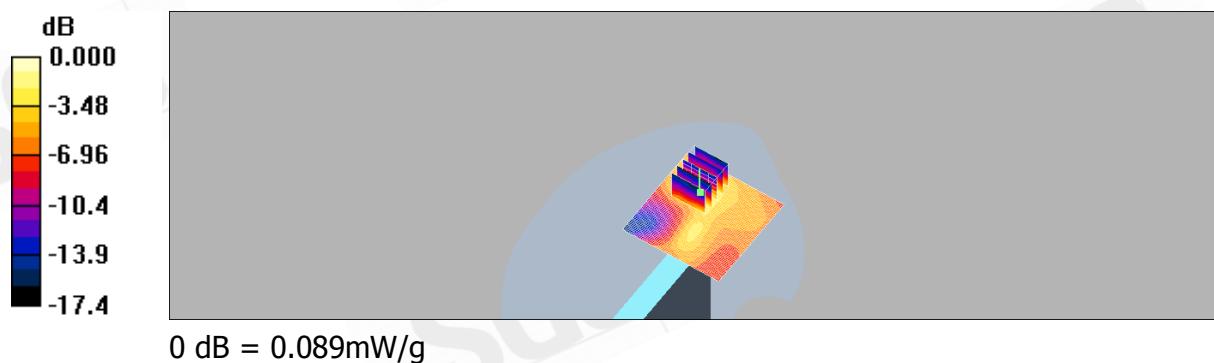
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.91 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.089 mW/g



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Configuration 1_CH9262_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

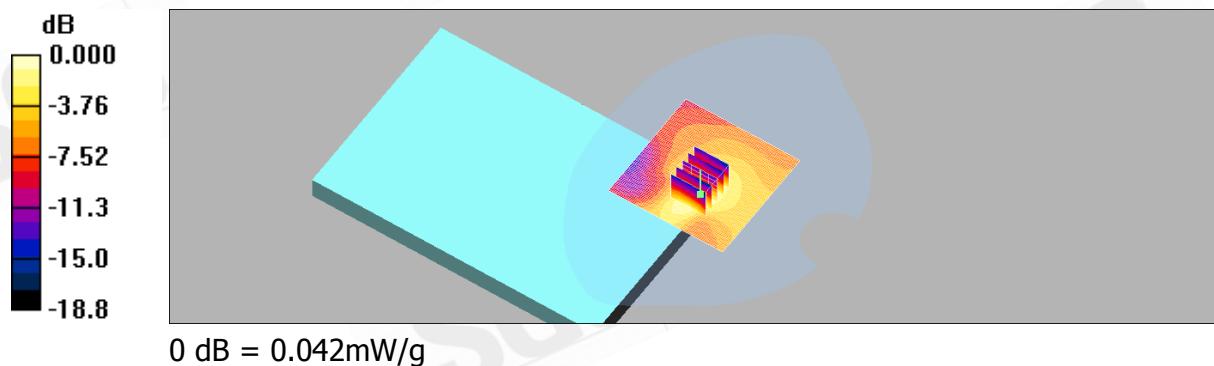
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.042 mW/g

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

Reference Value = 3.90 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



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Configuration 1_CH9400_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

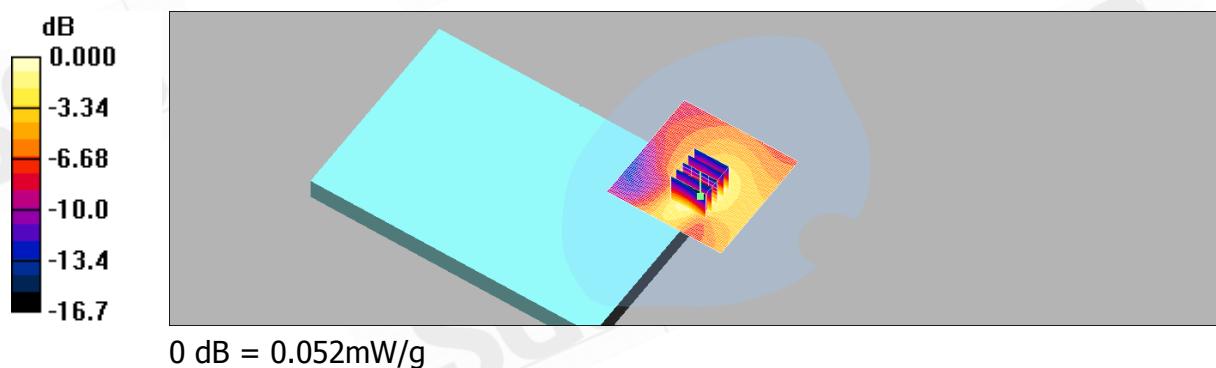
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.054 mW/g

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

Reference Value = 4.60 V/m; Power Drift = 0.070 dB
Peak SAR (extrapolated) = 0.080 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.052 mW/g



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Configuration 1_CH9538_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

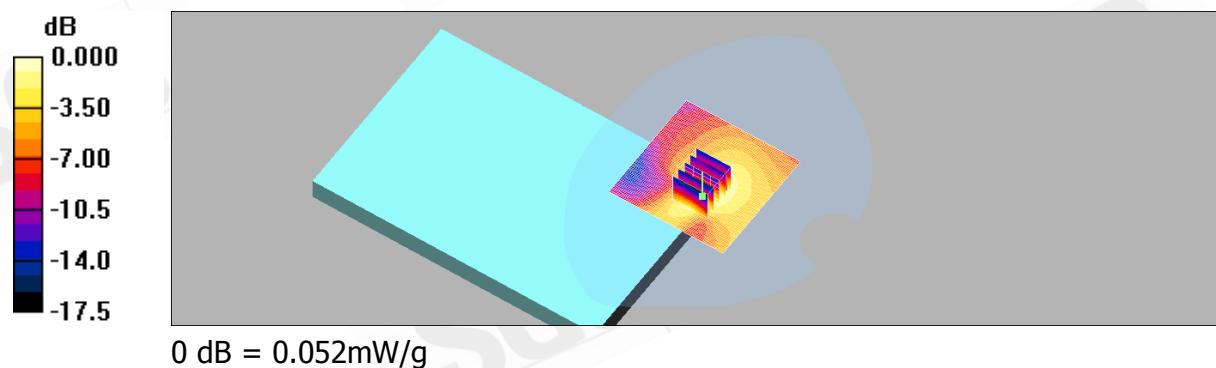
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.054 mW/g

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

Reference Value = 4.69 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.080 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.052 mW/g



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Configuration 2_CH9262_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

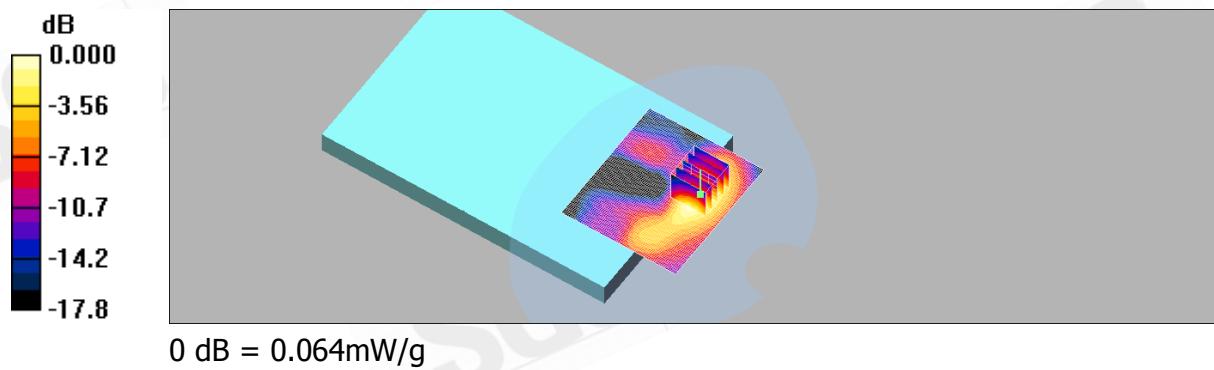
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.066 mW/g

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

Reference Value = 2.82 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.064 mW/g



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Configuration 2_CH9400_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.065 mW/g

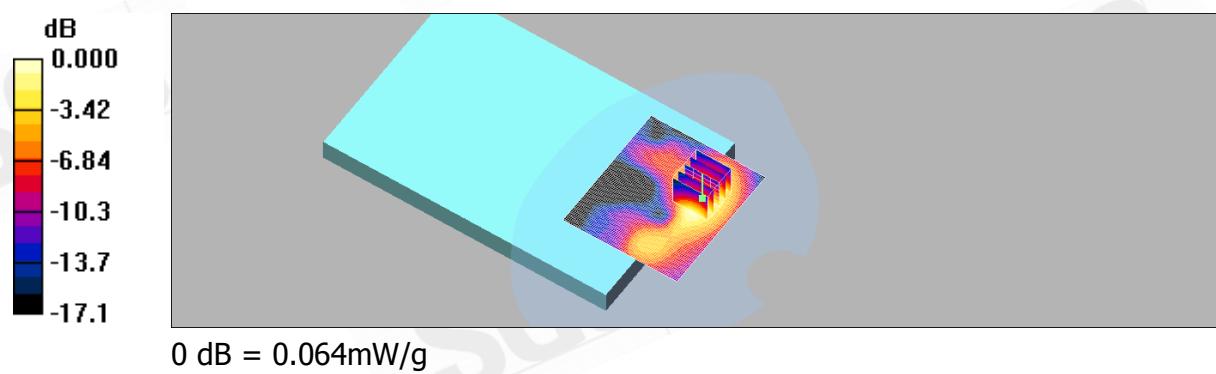
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.22 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.064 mW/g



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Configuration 2_CH9538_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.64$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.061 mW/g

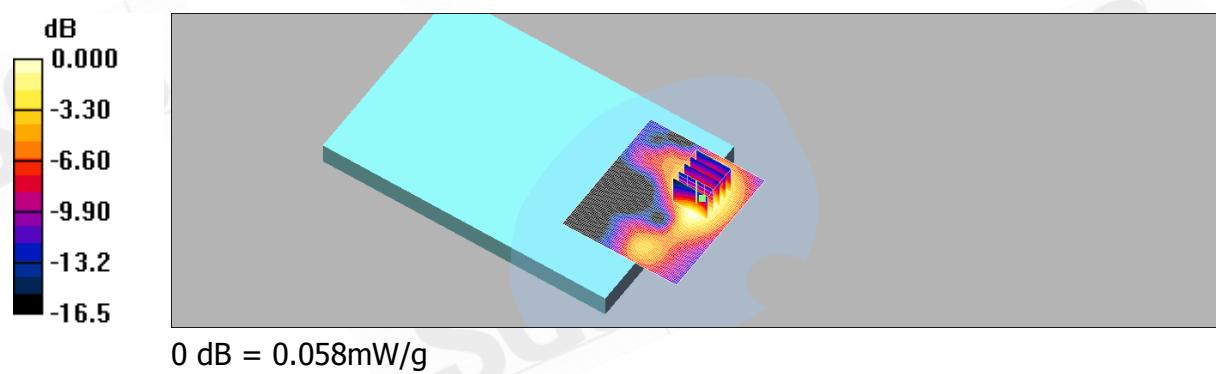
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.13 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.058 mW/g



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Configuration 3_CH9262_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

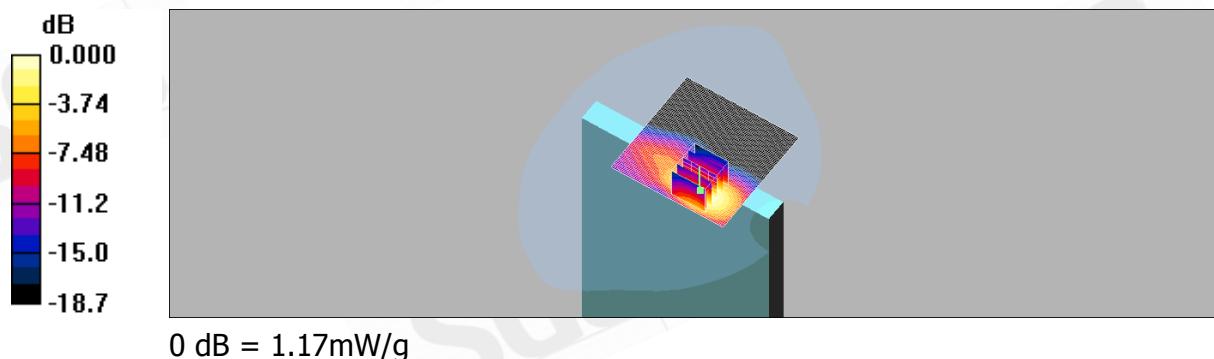
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.17 mW/g

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

Reference Value = 11.9 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.574 mW/g
Maximum value of SAR (measured) = 1.17 mW/g



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Configuration 3_CH9400_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.16 mW/g

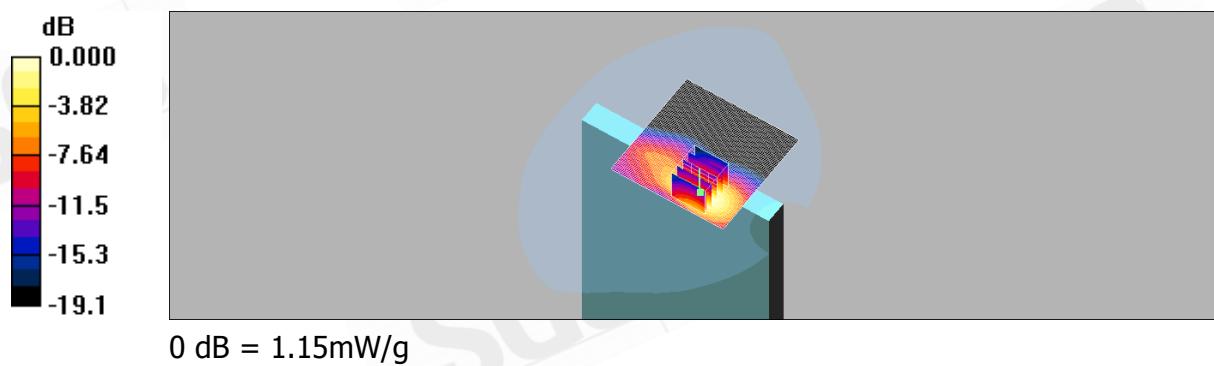
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.563 mW/g

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



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Configuration 3_CH9538_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.61$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.941 mW/g

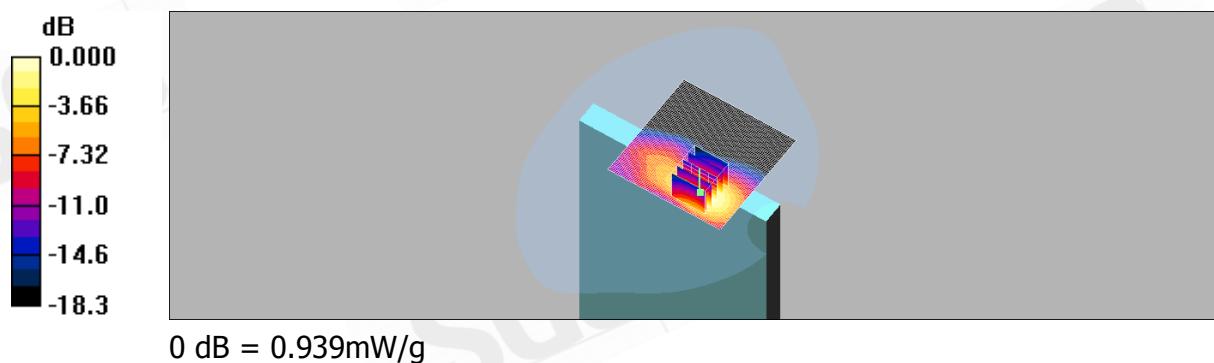
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.939 mW/g



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Configuration 4_CH9262_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

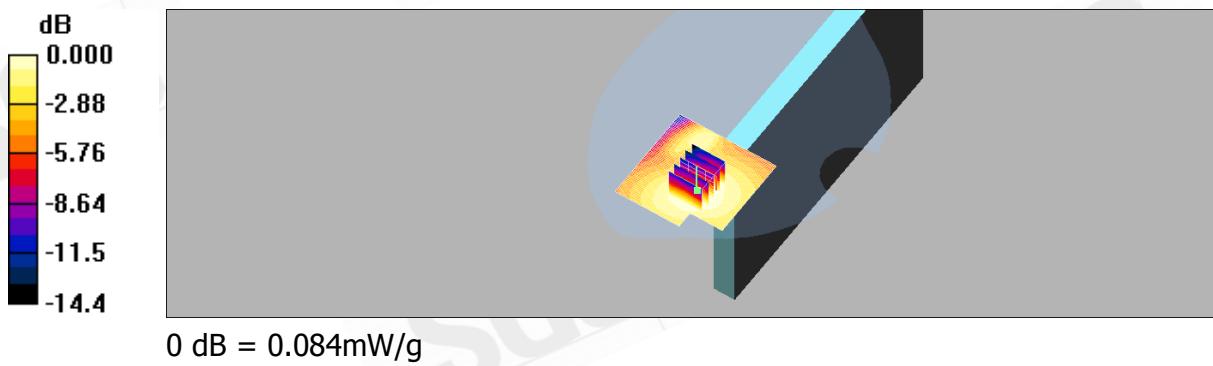
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.084 mW/g

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

Reference Value = 4.49 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.084 mW/g



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Configuration 4_CH9400_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

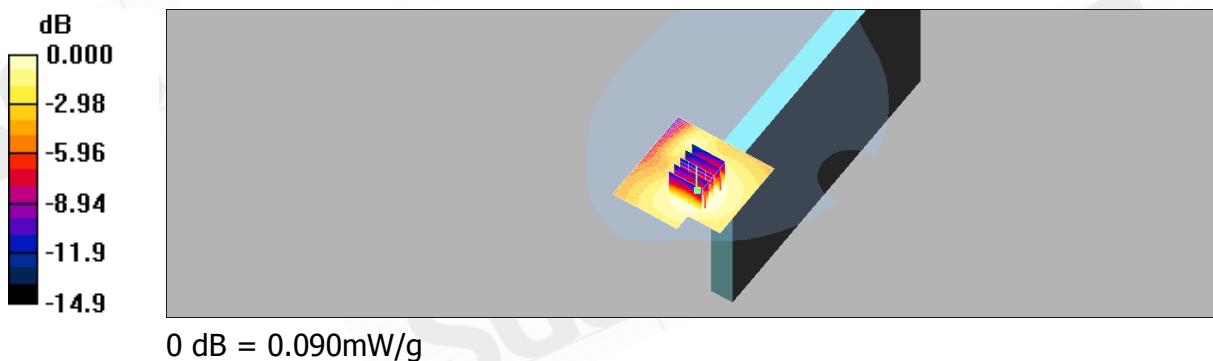
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.091 mW/g

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

Reference Value = 4.44 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.090 mW/g



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Configuration 4_CH9538_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.62 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY4 Configuration:

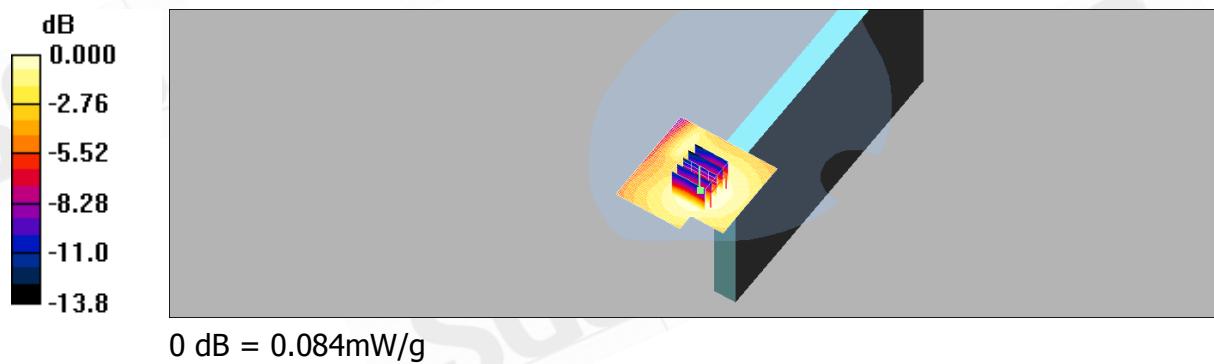
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 0.083 mW/g

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

Reference Value = 4.03 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.084 mW/g



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Configuration 6_CH9262_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

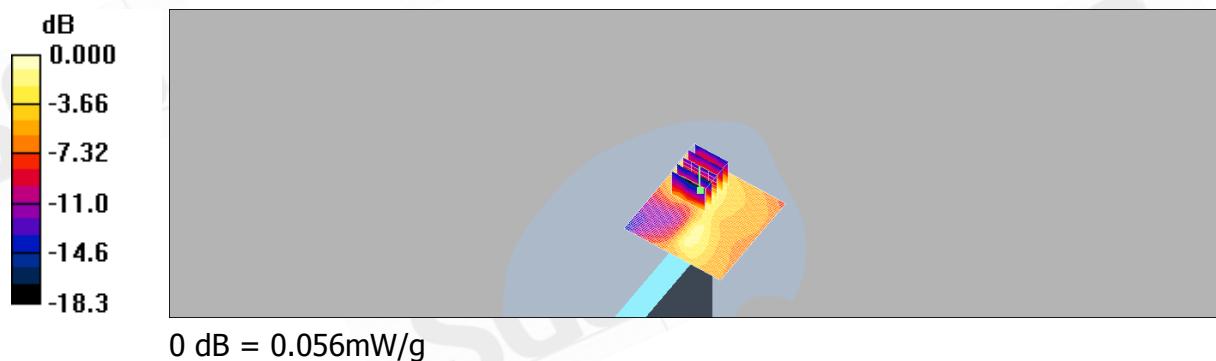
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.061 mW/g

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

Reference Value = 1.04 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.093 W/kg

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.056 mW/g



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Configuration 6_CH9400_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

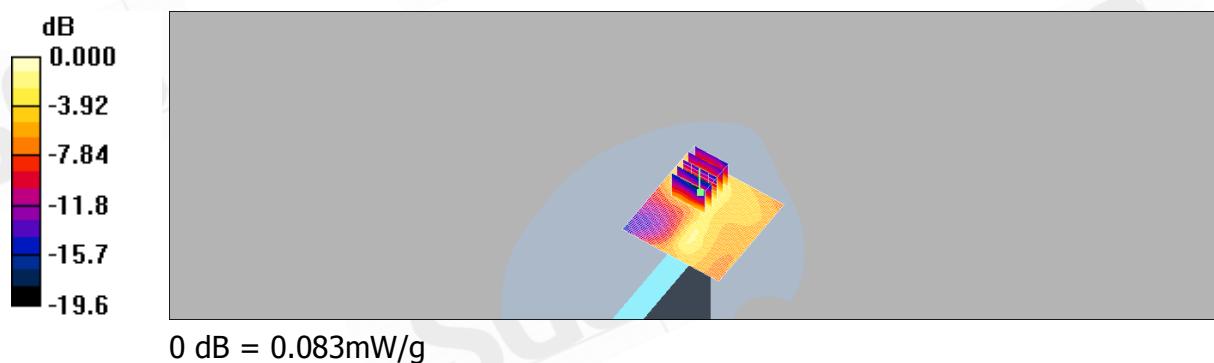
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.090 mW/g

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

Reference Value = 1.31 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.083 mW/g



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Configuration 6_CH9538_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND2; Frequency: 1907.6 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.62$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.096 mW/g

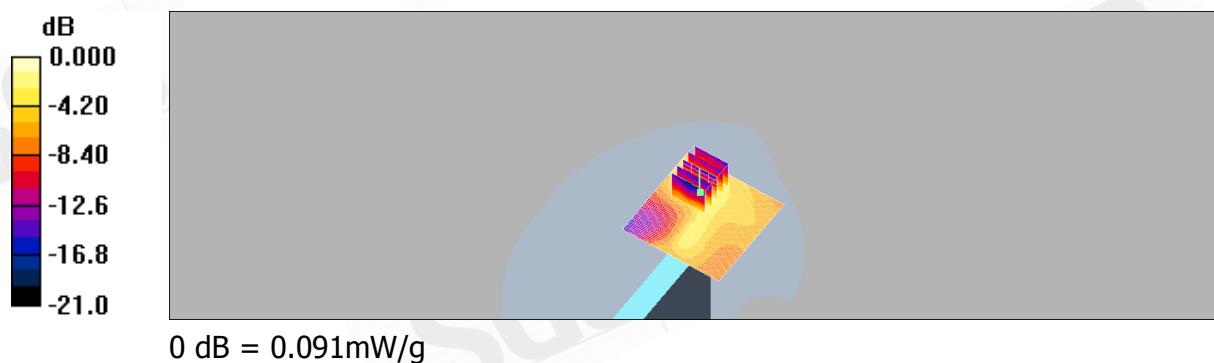
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.83 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.150 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.091 mW/g



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Configuration 1_CH4132

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.016 mW/g

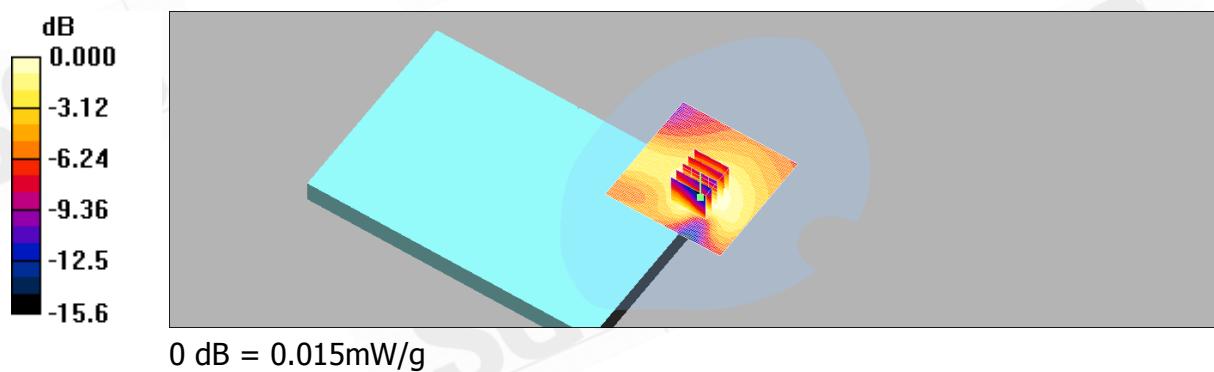
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.52 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00983 mW/g

Maximum value of SAR (measured) = 0.015 mW/g



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Configuration 1_CH4183

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

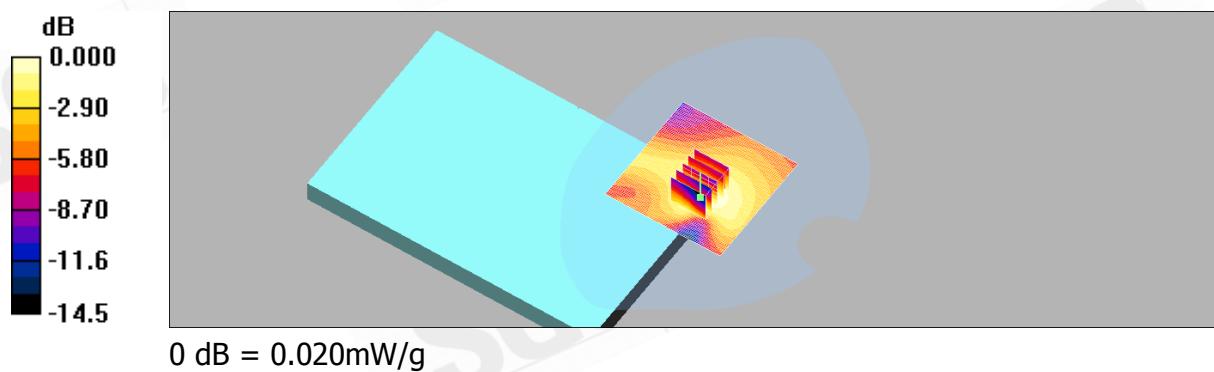
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.020 mW/g

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

Reference Value = 3.95 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.020 mW/g



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Configuration 1_CH4233

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

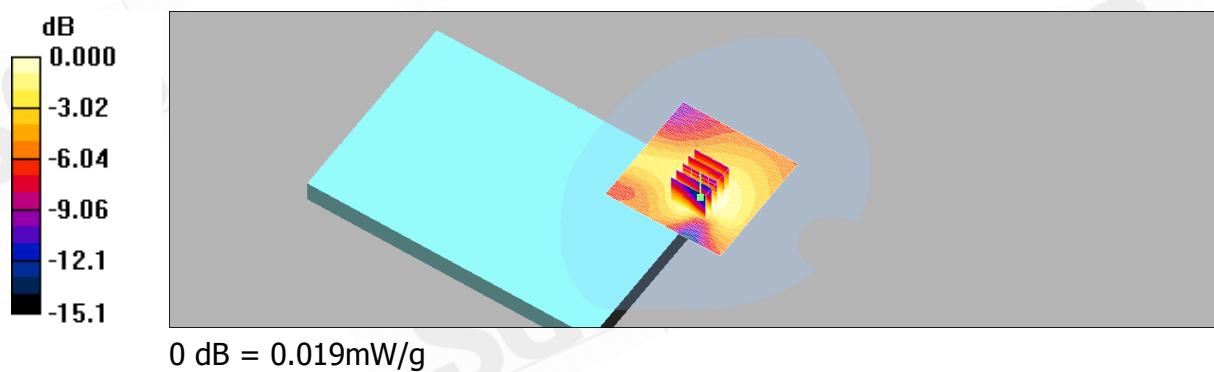
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.020 mW/g

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

Reference Value = 3.83 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



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Configuration 2_CH4132

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

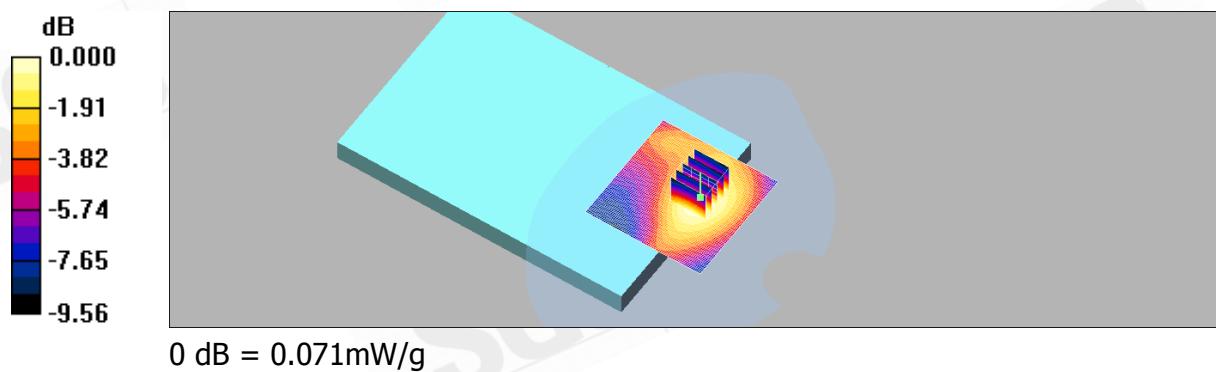
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.072 mW/g

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

Reference Value = 7.88 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.071 mW/g



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Configuration 2_CH4183

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

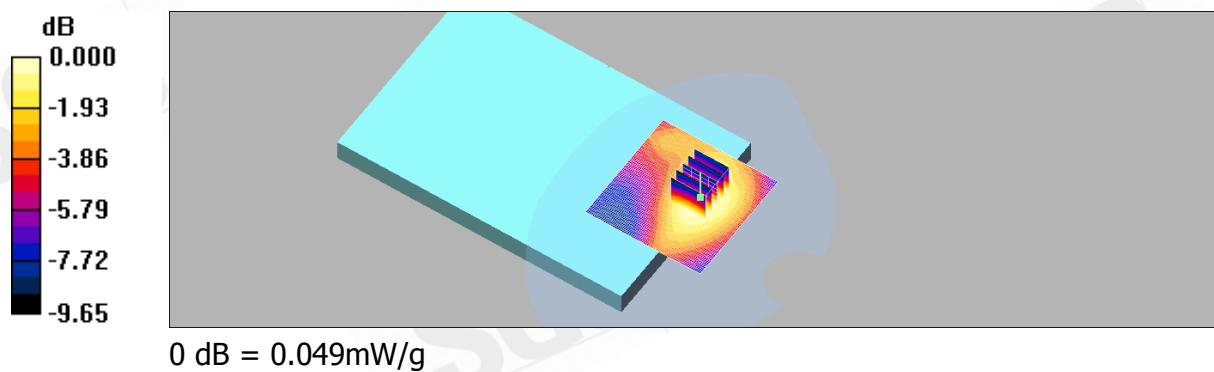
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.050 mW/g

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

Reference Value = 6.55 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 0.066 W/kg

SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



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Configuration 2_CH4233

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

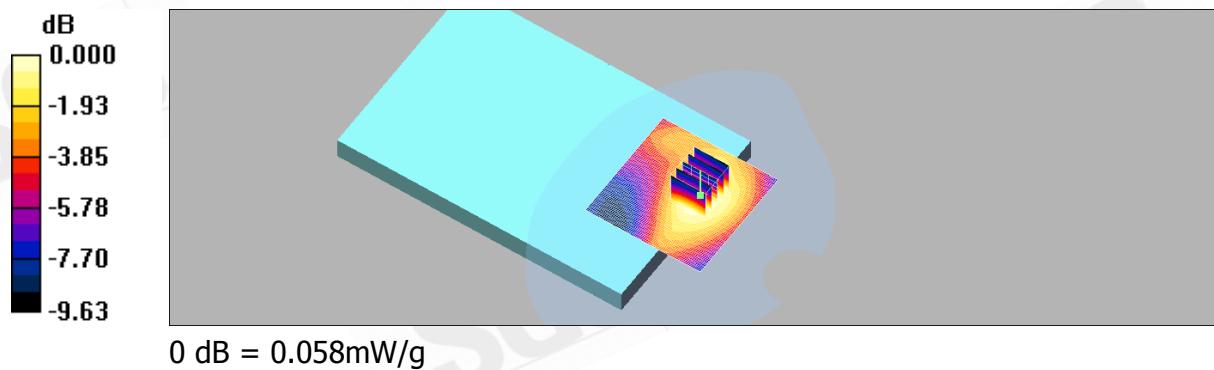
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.059 mW/g

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

Reference Value = 7.08 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.058 mW/g



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Configuration 3_CH4132

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

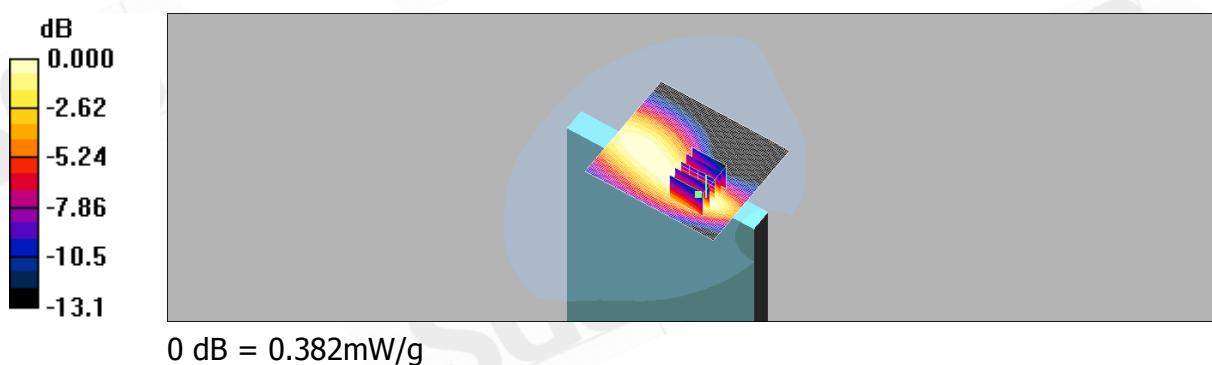
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.404 mW/g

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

Reference Value = 19.1 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.382 mW/g



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Configuration 3_CH4183

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.308 mW/g

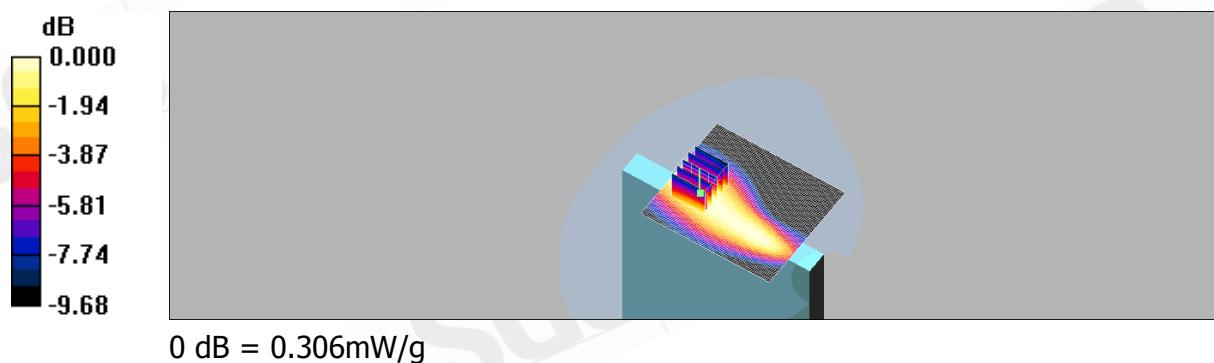
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



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Configuration 3_CH4233

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

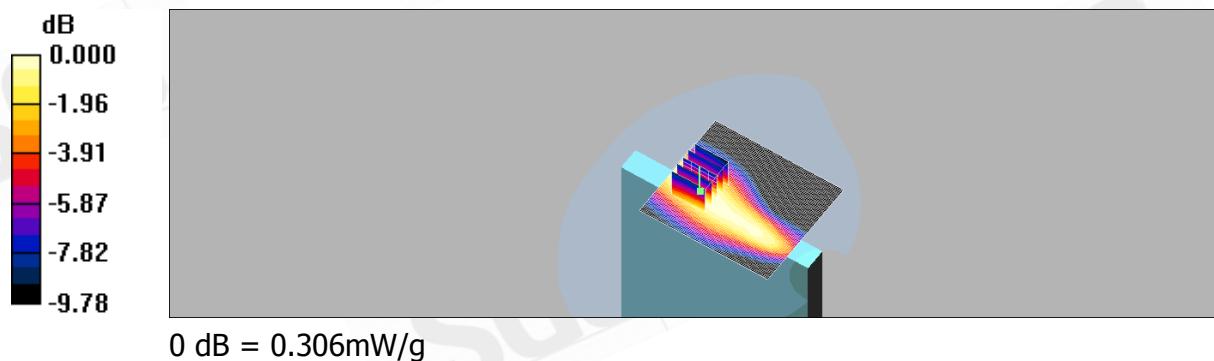
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.307 mW/g

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

Reference Value = 16.3 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.306 mW/g



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Configuration 4_CH4132

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

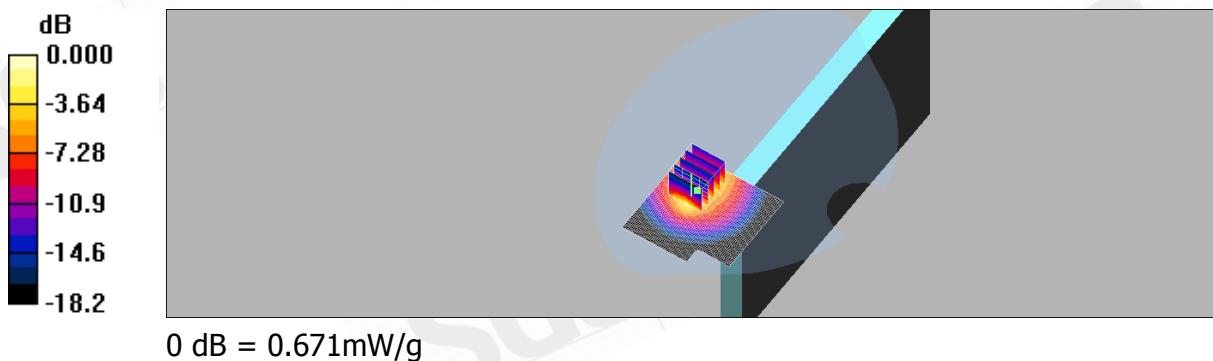
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.603 mW/g

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

Reference Value = 9.52 V/m; Power Drift = 0.190 dB
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.671 mW/g



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Configuration 4_CH4183

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

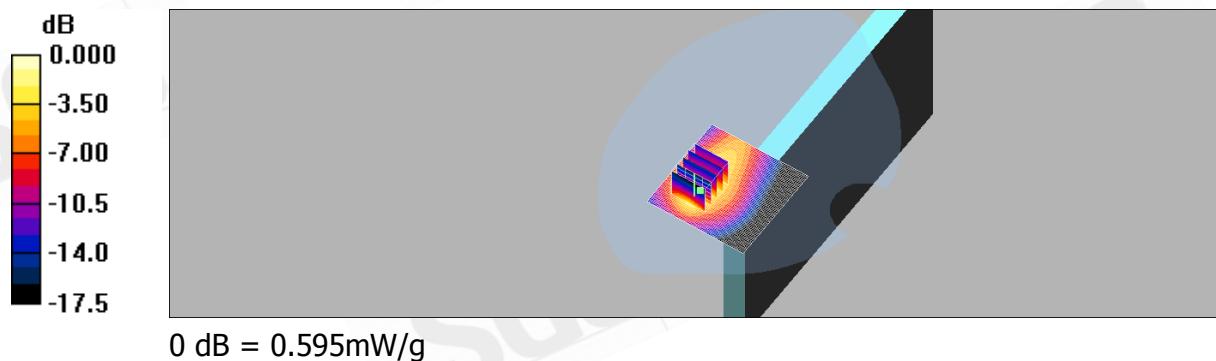
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.553 mW/g

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

Reference Value = 9.91 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.595 mW/g



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Configuration 4_CH4233

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

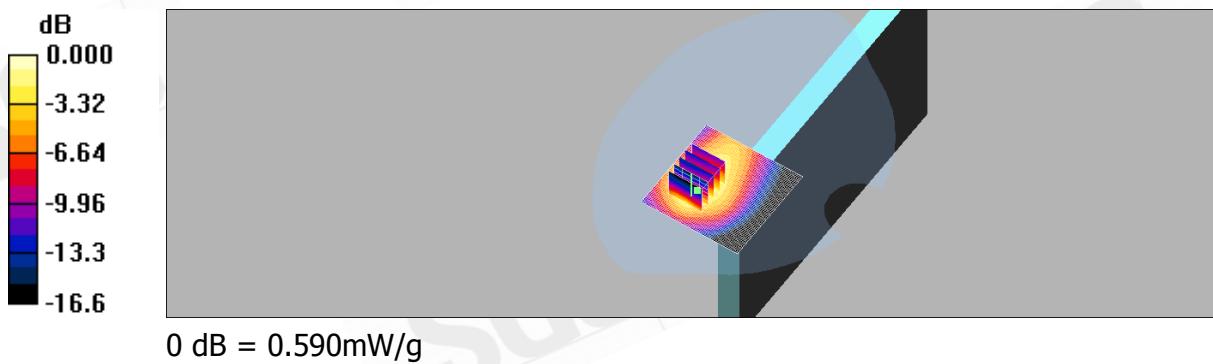
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.549 mW/g

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

Reference Value = 12.2 V/m; Power Drift = 0.081 dB
Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.590 mW/g



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Configuration 6_CH4132

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

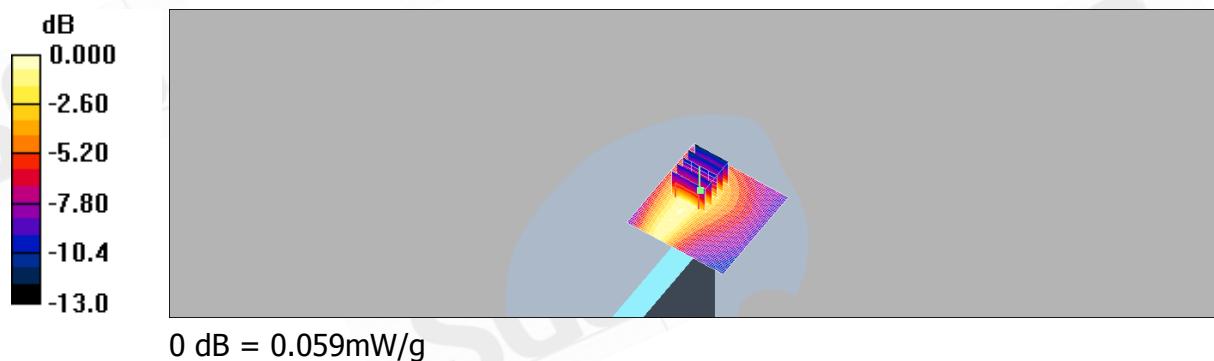
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.060 mW/g

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

Reference Value = 4.41 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.059 mW/g



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Configuration 6_CH4183

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

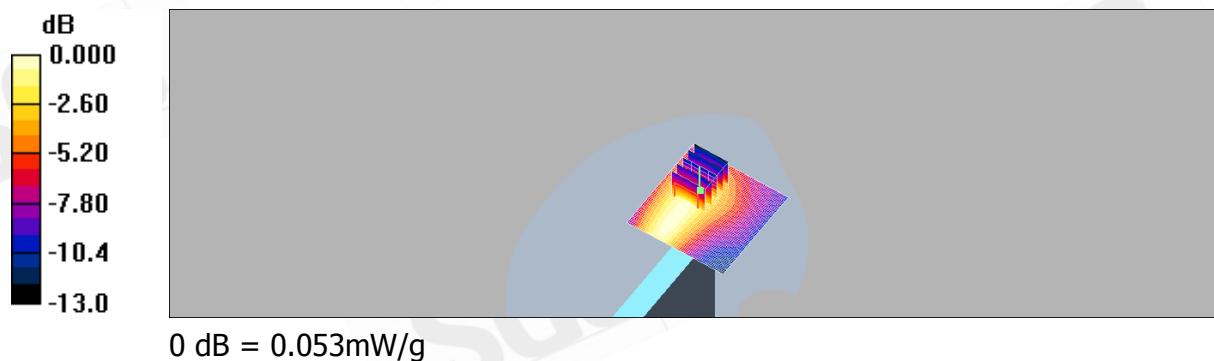
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.054 mW/g

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

Reference Value = 4.56 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.053 mW/g



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Configuration 6_CH4233

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

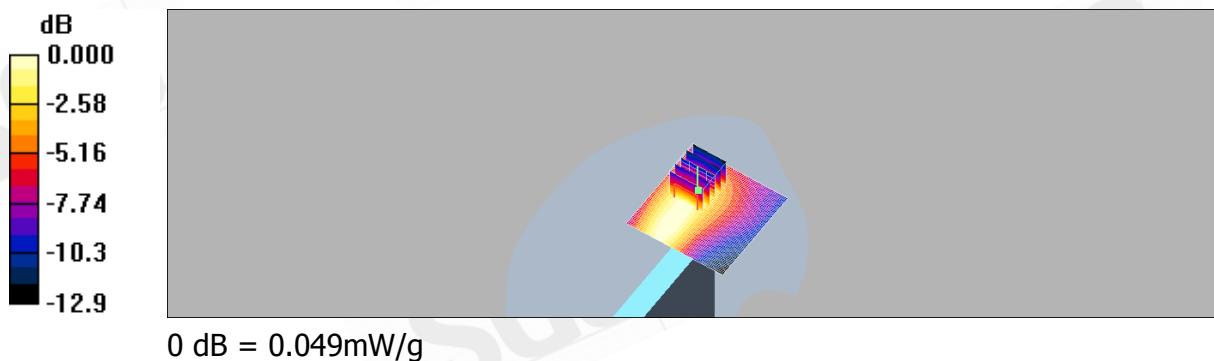
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.051 mW/g

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

Reference Value = 4.85 V/m; Power Drift = 0.170 dB
Peak SAR (extrapolated) = 0.076 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.049 mW/g



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Configuration 1_CH4132_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

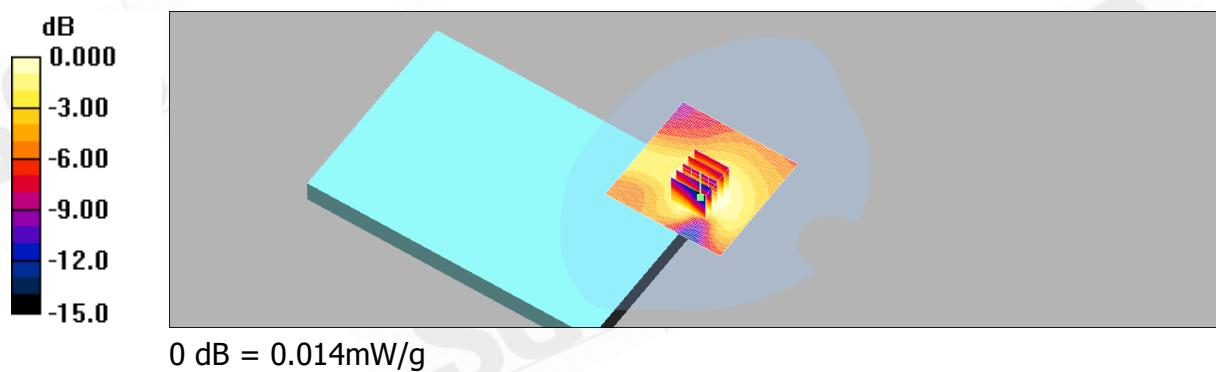
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.015 mW/g

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

Reference Value = 3.41 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.019 W/kg

SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00949 mW/g
Maximum value of SAR (measured) = 0.014 mW/g



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Configuration 1_CH4183_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

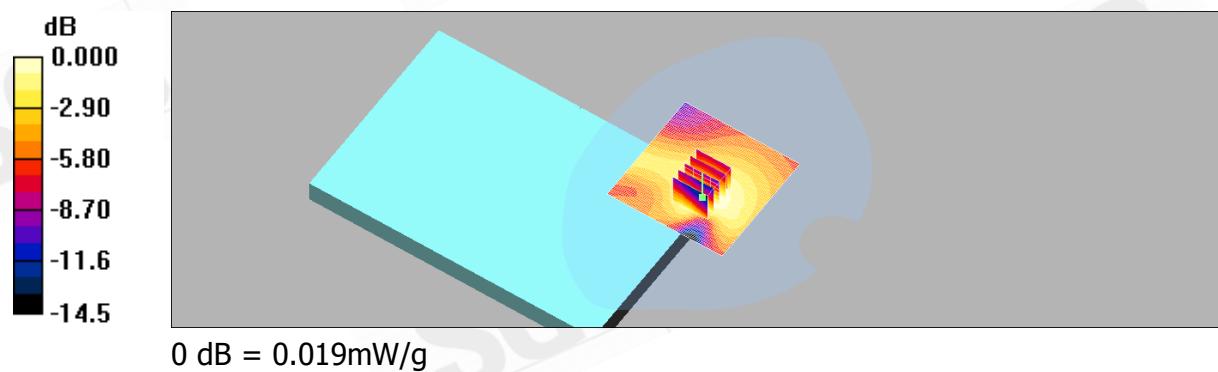
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.020 mW/g

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

Reference Value = 3.89 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



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Configuration 1_CH4233_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

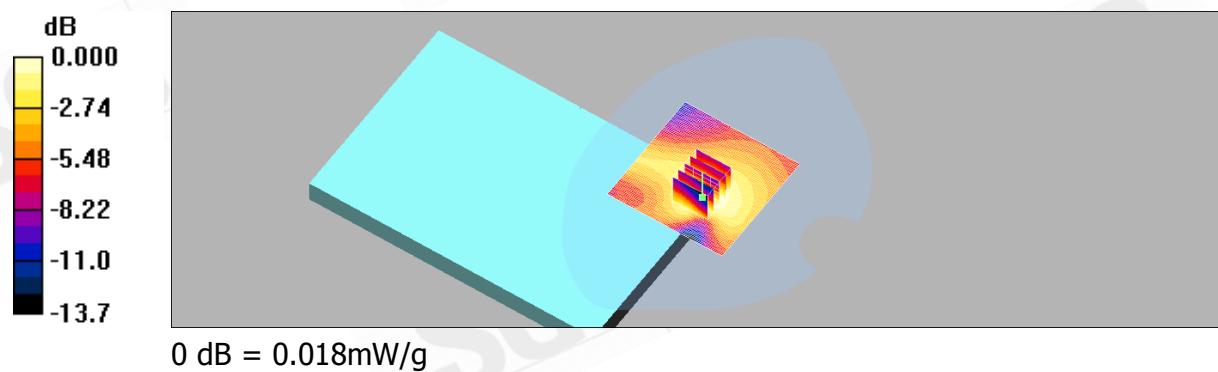
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.018 mW/g

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

Reference Value = 3.73 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.023 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.018 mW/g



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Configuration 2_CH4132_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

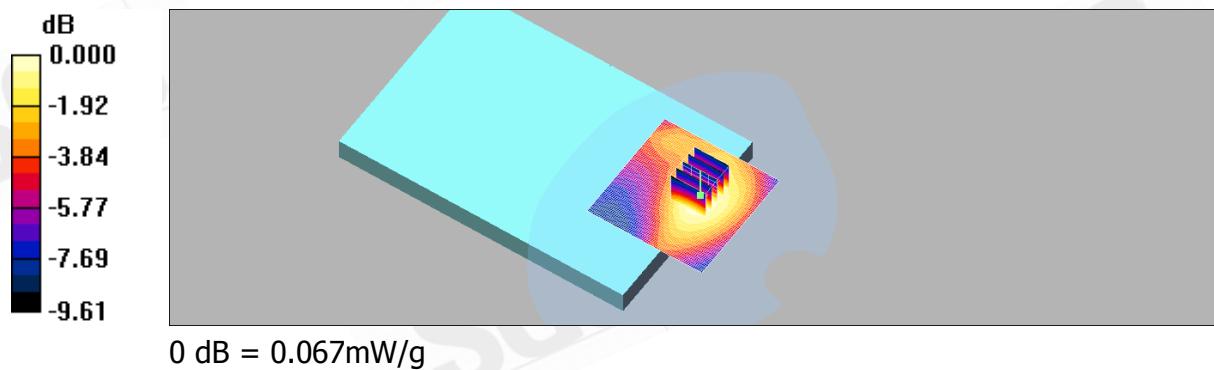
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.068 mW/g

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

Reference Value = 7.58 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 0.090 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.067 mW/g



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Configuration 2_CH4183_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

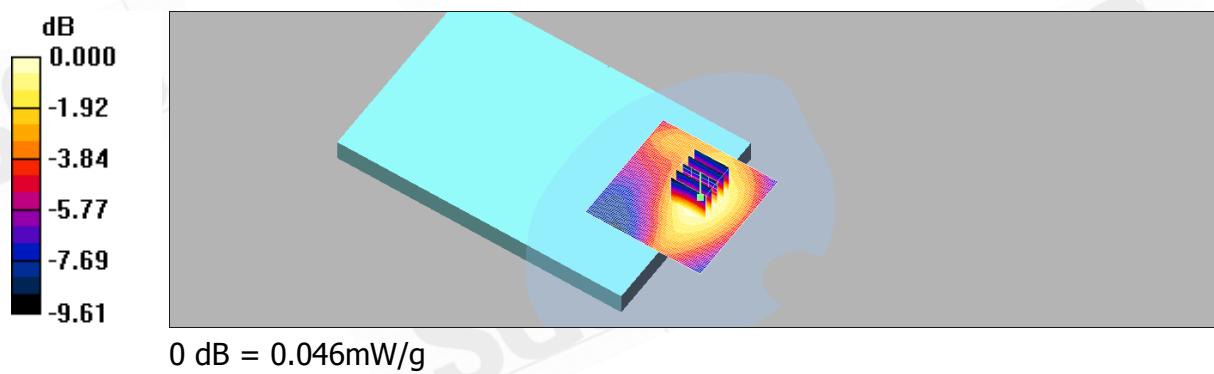
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.047 mW/g

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

Reference Value = 6.32 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



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Configuration 2_CH4233_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

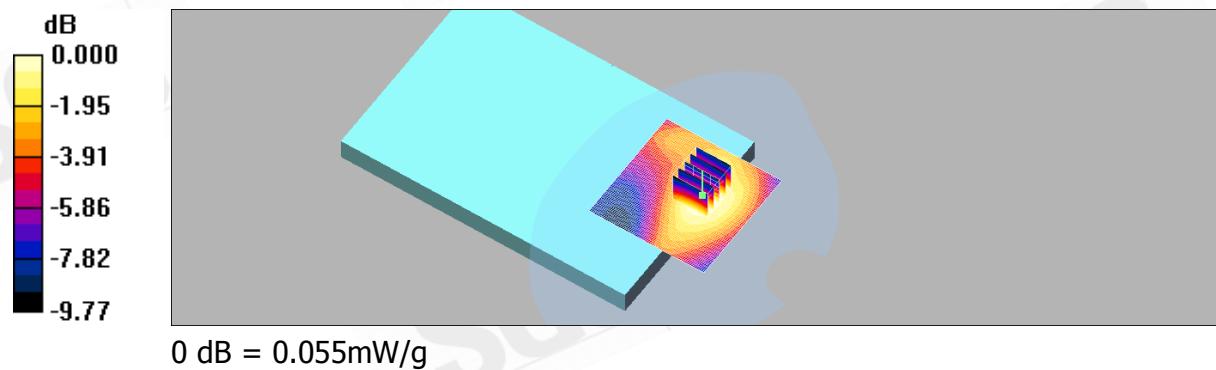
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.057 mW/g

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

Reference Value = 6.88 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.055 mW/g



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Configuration 3_CH4132_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.373 mW/g

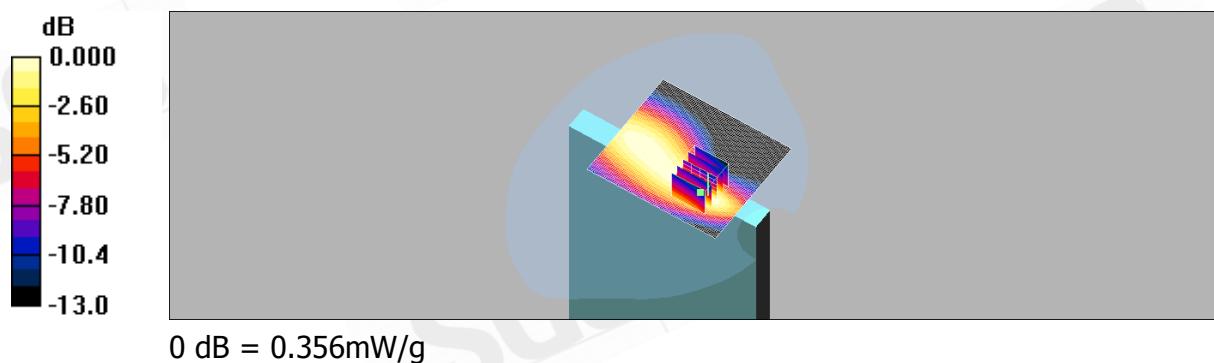
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.542 W/kg

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.205 mW/g

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



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Configuration 3_CH4183_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.290 mW/g

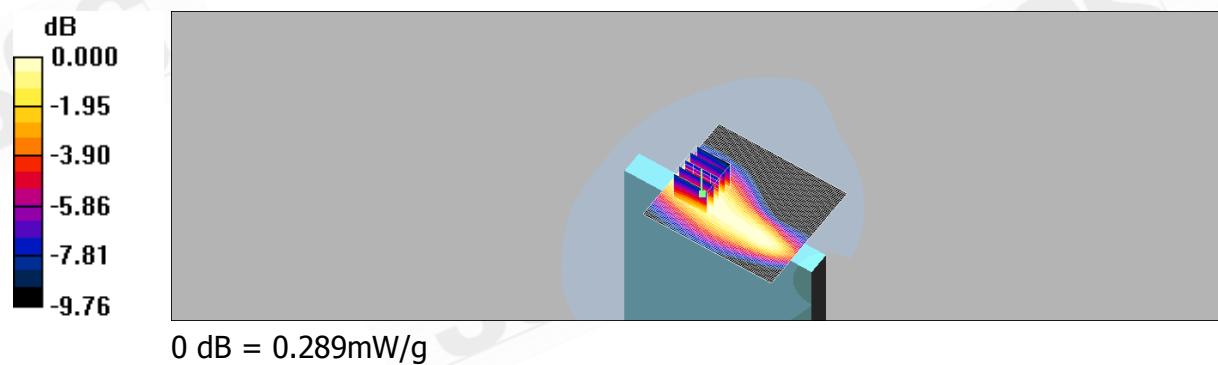
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.379 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.289 mW/g



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Configuration 3_CH4233_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.288 mW/g

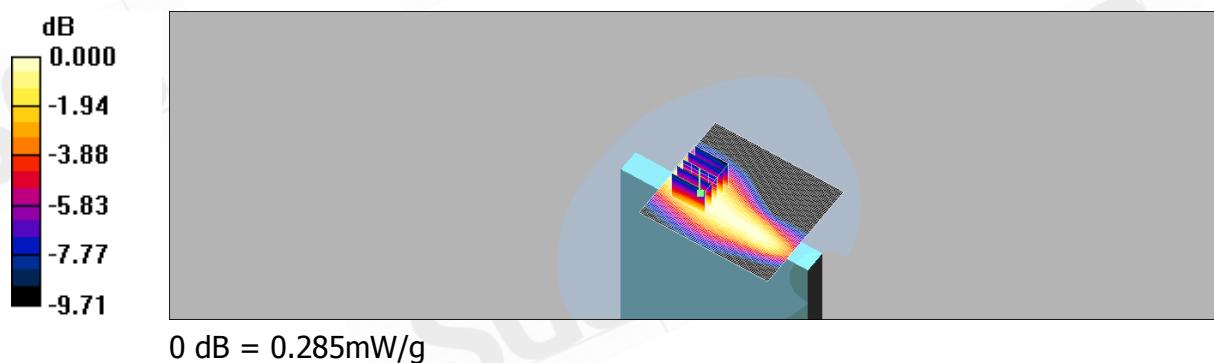
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.186 mW/g

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



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Configuration 4_CH4132_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

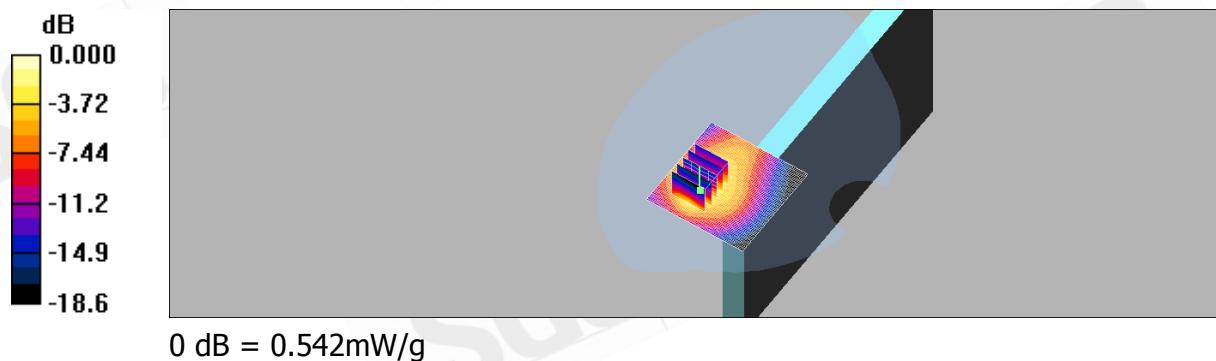
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.510 mW/g

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

Reference Value = 10.8 V/m; Power Drift = 0.097 dB
Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.542 mW/g



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Configuration 4_CH4183_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

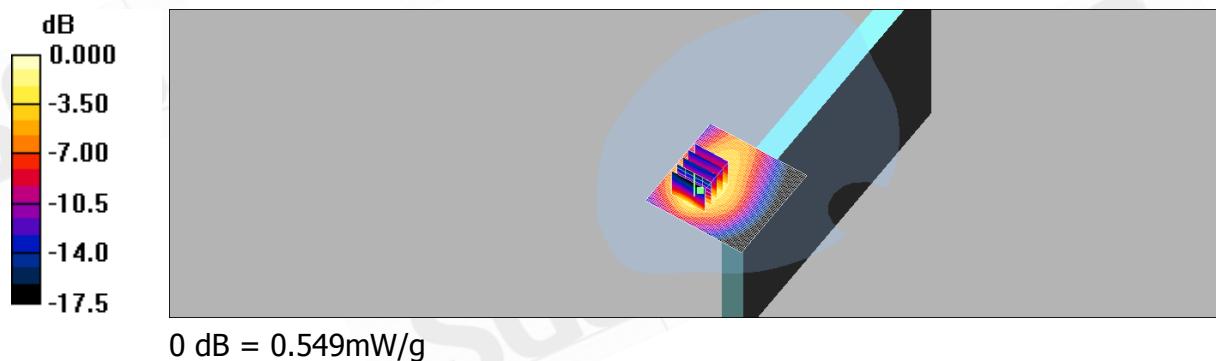
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.516 mW/g

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

Reference Value = 11.2 V/m; Power Drift = 0.163 dB
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.549 mW/g



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Configuration 4_CH4233_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

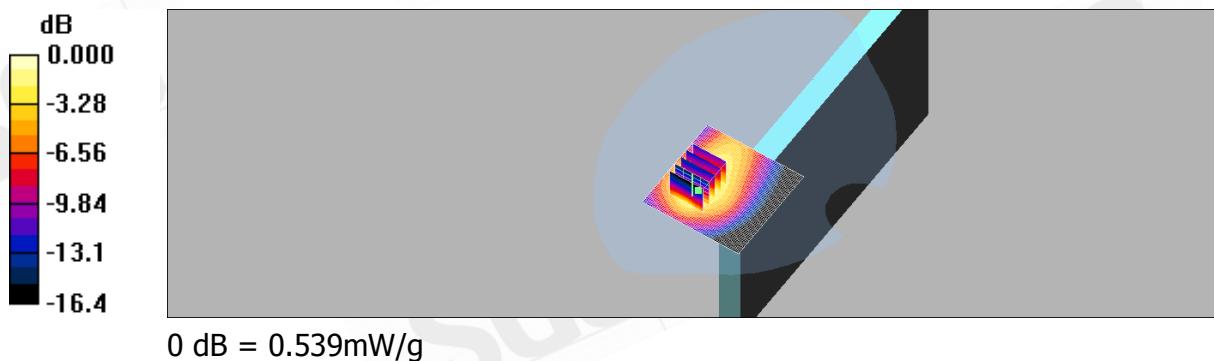
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.526 mW/g

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

Reference Value = 11.9 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.239 mW/g
Maximum value of SAR (measured) = 0.539 mW/g



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Configuration 6_CH4132_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

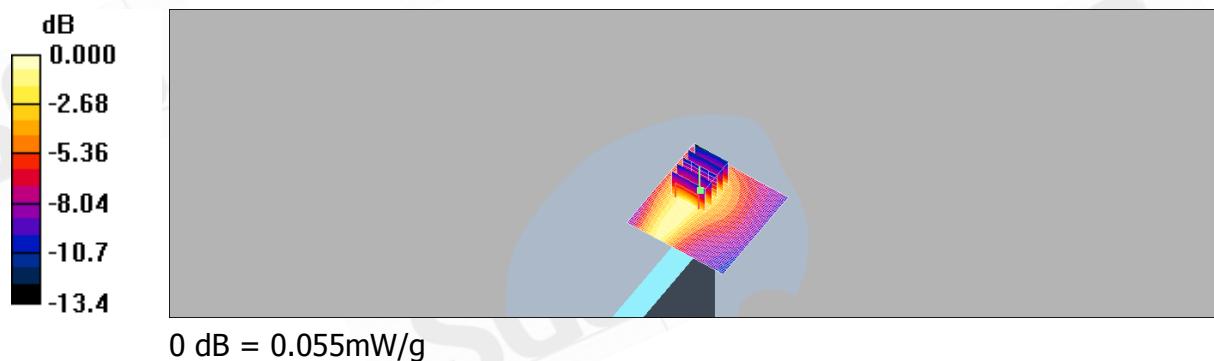
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.054 mW/g

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

Reference Value = 4.24 V/m; Power Drift = 0.115 dB
Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.055 mW/g



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Configuration 6_CH4183_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

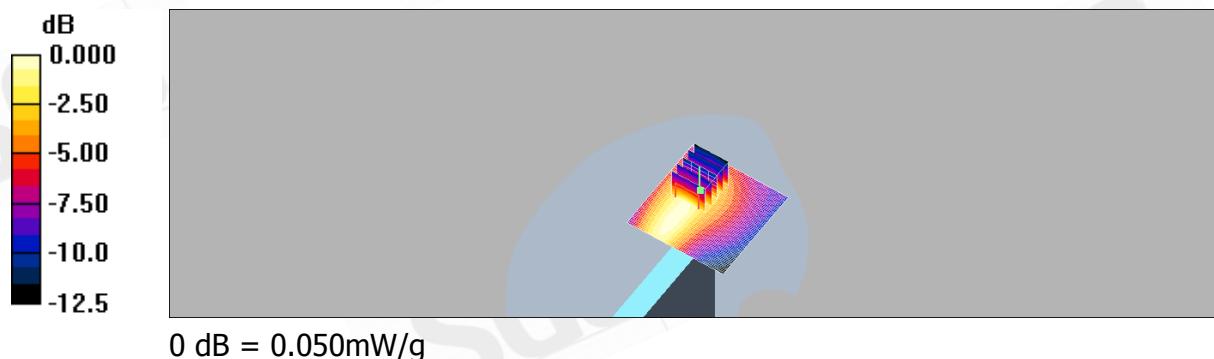
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.052 mW/g

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

Reference Value = 4.58 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.050 mW/g



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Configuration 6_CH4233_HSDPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

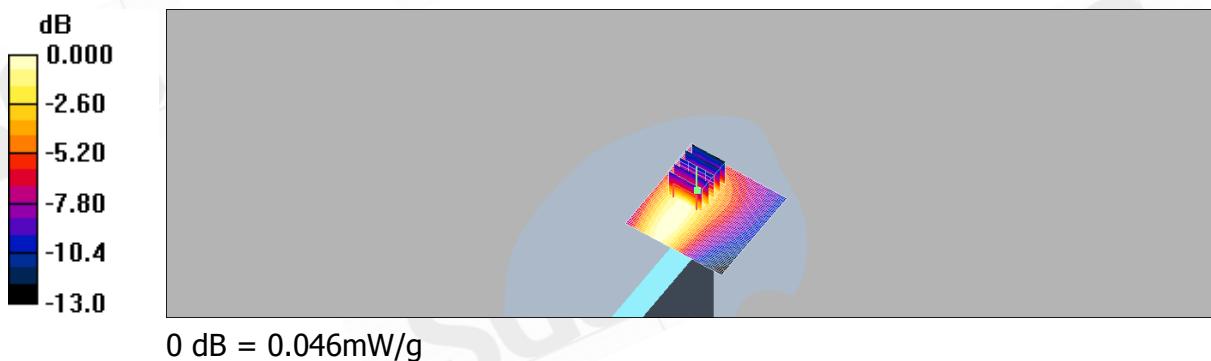
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.047 mW/g

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

Reference Value = 4.66 V/m; Power Drift = 0.088 dB
Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



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Configuration 1_CH4132_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

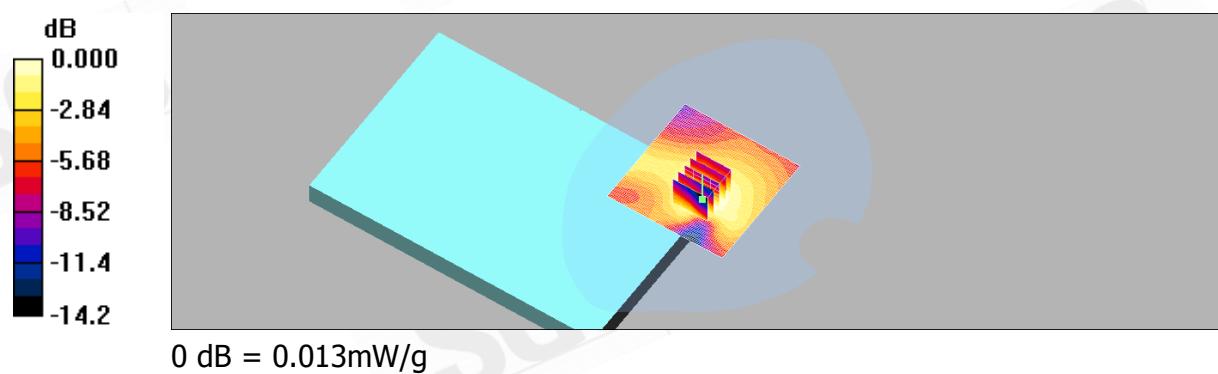
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.014 mW/g

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

Reference Value = 3.20 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00843 mW/g
Maximum value of SAR (measured) = 0.013 mW/g



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Configuration 1_CH4183_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

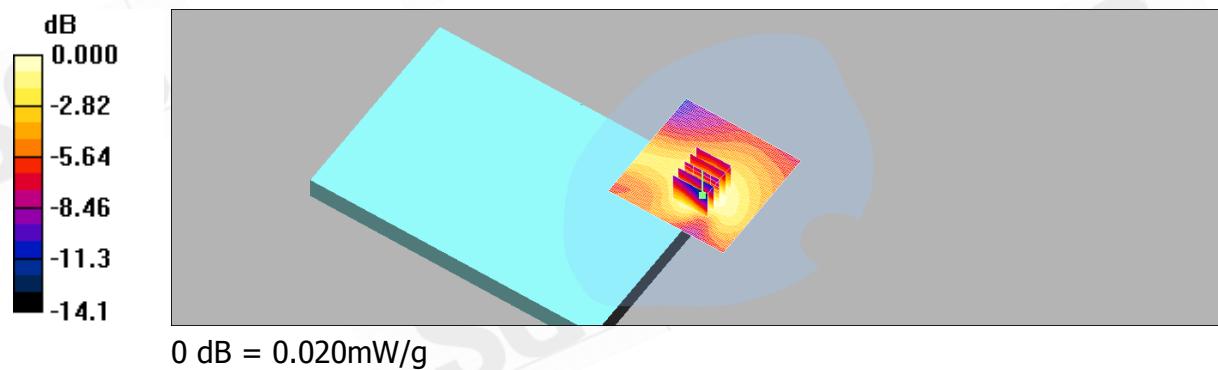
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.021 mW/g

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

Reference Value = 3.78 V/m; Power Drift = 0.083 dB
Peak SAR (extrapolated) = 0.026 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.020 mW/g



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Configuration 1_CH4233_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

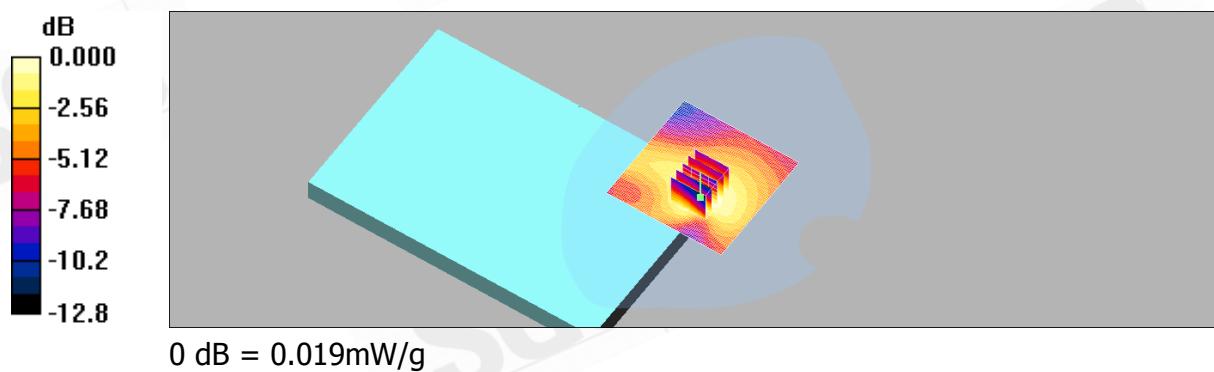
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.020 mW/g

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

Reference Value = 3.68 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.013 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



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Configuration 2_CH4132_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

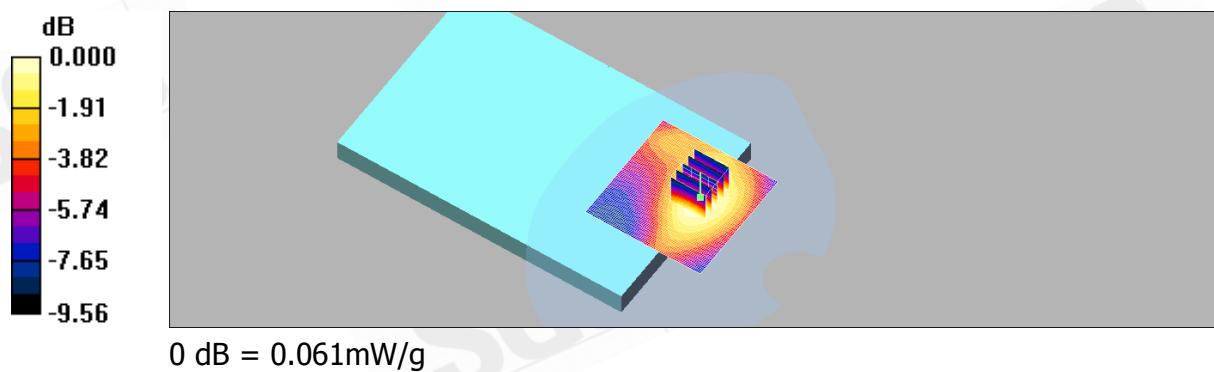
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.062 mW/g

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

Reference Value = 7.33 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.061 mW/g



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Configuration 2_CH4183_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

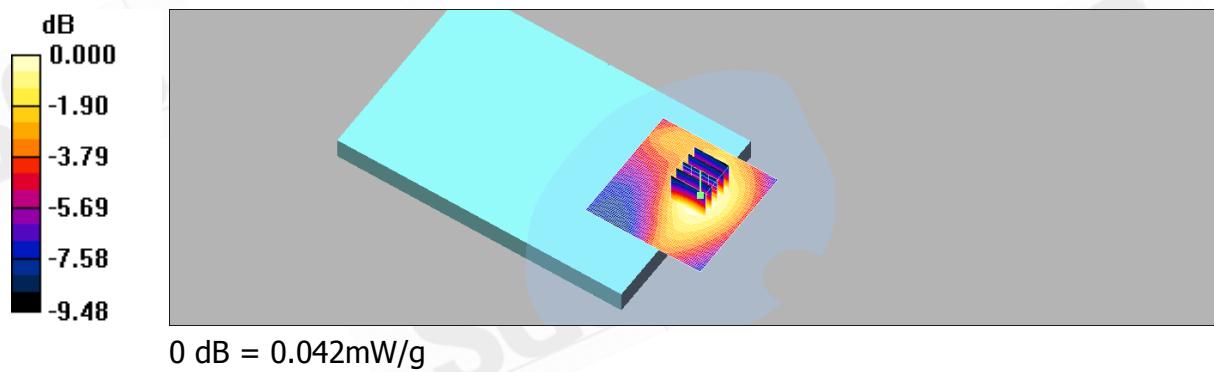
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.043 mW/g

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

Reference Value = 6.04 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.042 mW/g



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Configuration 2_CH4233_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

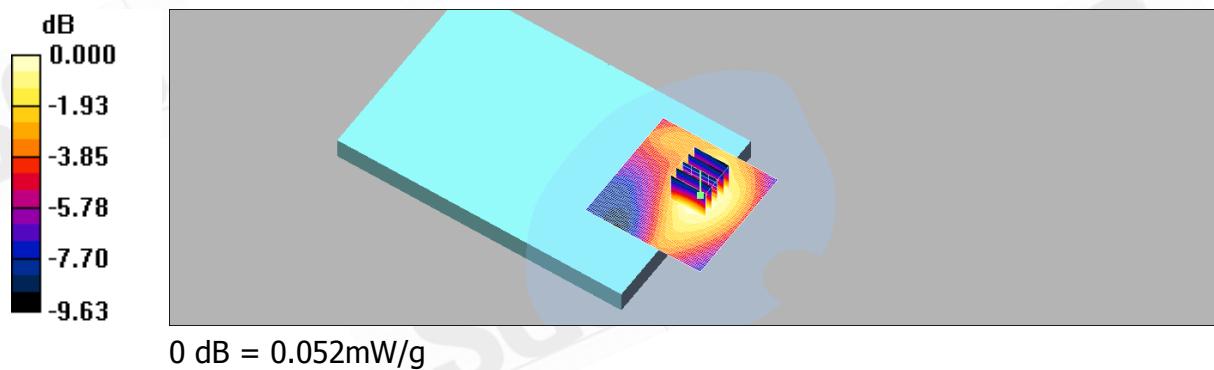
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.053 mW/g

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

Reference Value = 6.66 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.070 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.052 mW/g



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Configuration 3_CH4132_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.962$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

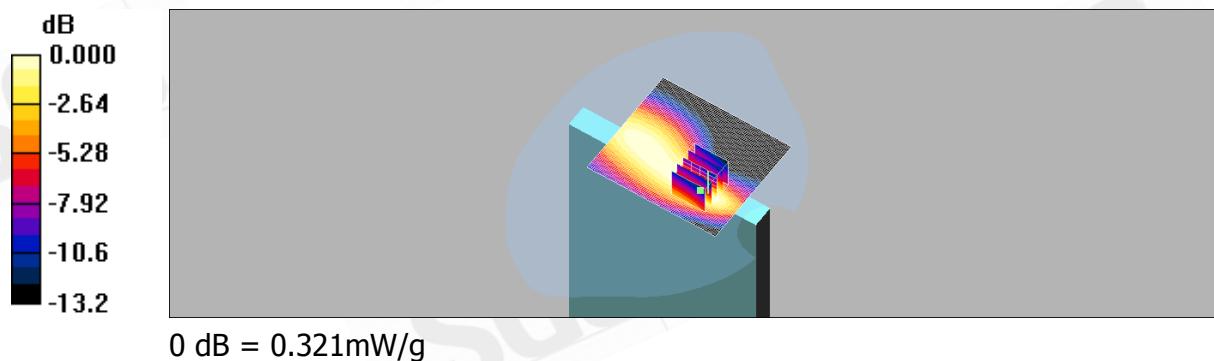
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.337 mW/g

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

Reference Value = 17.2 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.321 mW/g



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Configuration 3_CH4183_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.971$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.260 mW/g

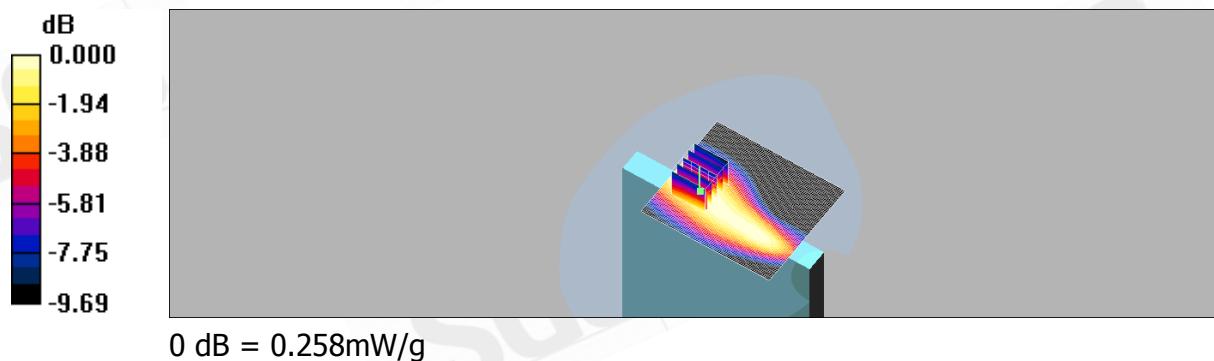
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.258 mW/g



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Configuration 3_CH4233_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 0.983$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (81x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.258 mW/g

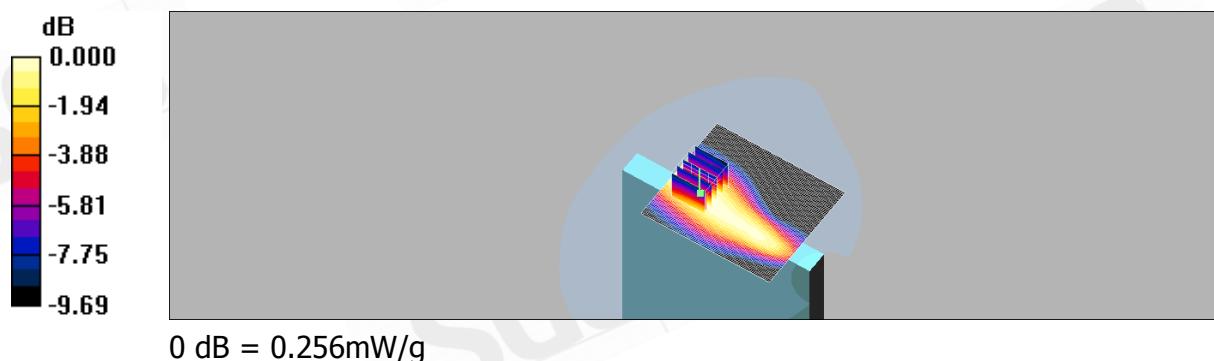
body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.0 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.256 mW/g



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Configuration 4_CH4132_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

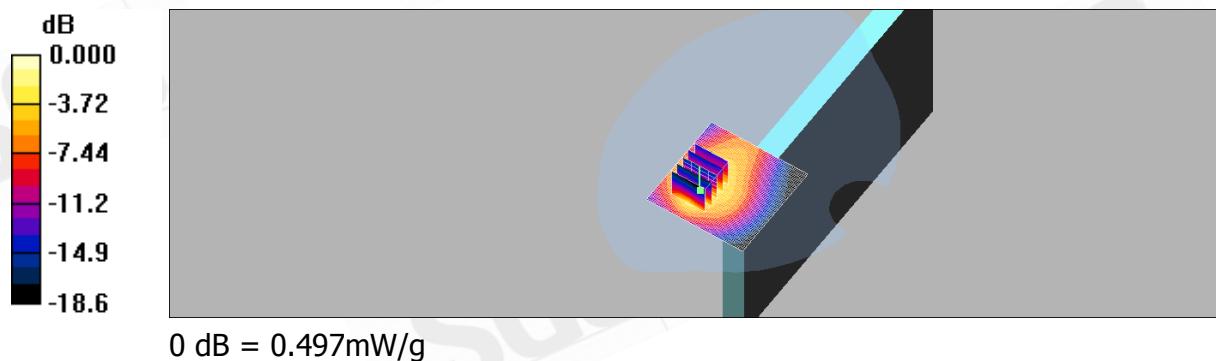
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.470 mW/g

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

Reference Value = 10.4 V/m; Power Drift = 0.082 dB
Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.188 mW/g
Maximum value of SAR (measured) = 0.497 mW/g



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Configuration 4_CH4183_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

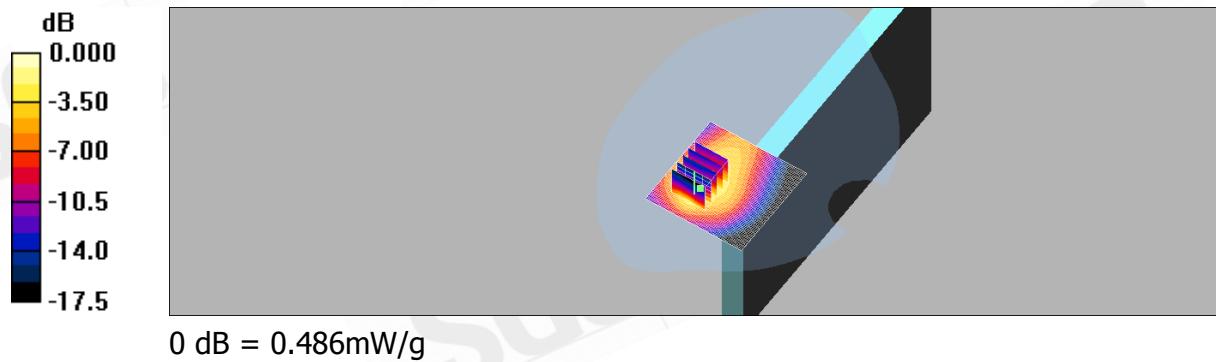
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.465 mW/g

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

Reference Value = 10.8 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.486 mW/g



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Configuration 4_CH4233_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

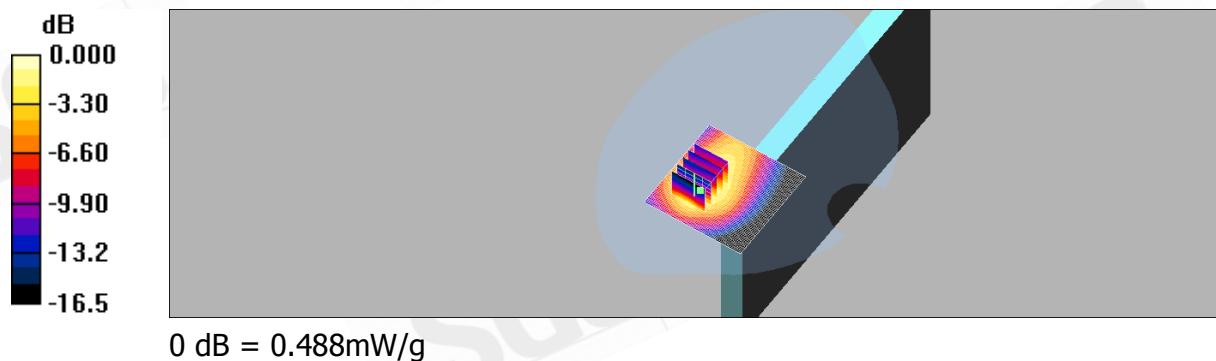
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.464 mW/g

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

Reference Value = 11.4 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.216 mW/g
Maximum value of SAR (measured) = 0.488 mW/g



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Configuration 6_CH4132_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.982$ mho/m; $\epsilon_r = 55.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

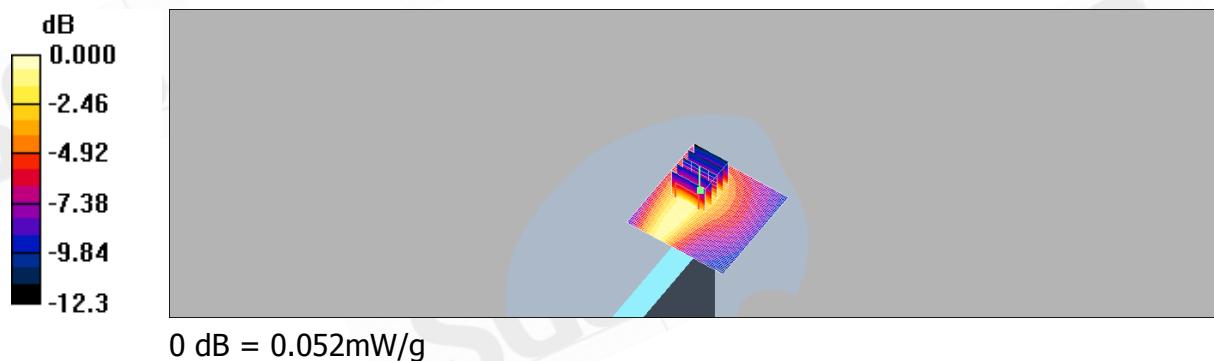
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.052 mW/g

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

Reference Value = 4.20 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.080 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.052 mW/g



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Configuration 6_CH4183_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 837$ MHz; $\sigma = 0.992$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

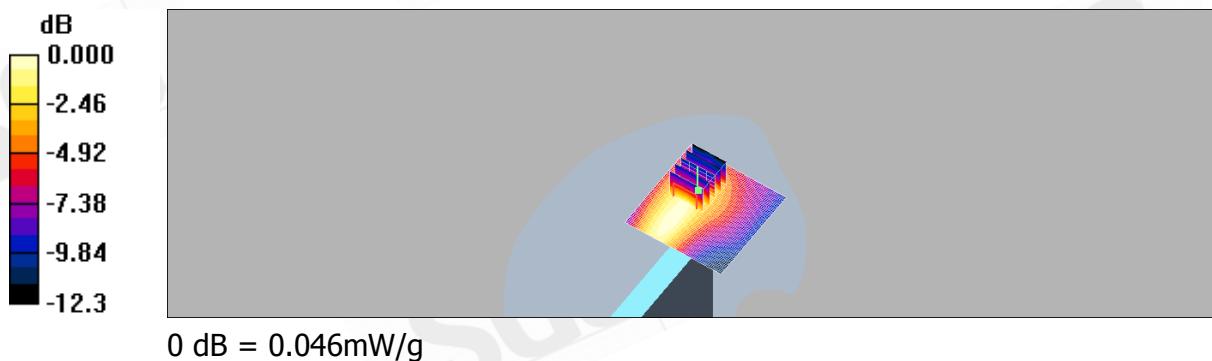
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.048 mW/g

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

Reference Value = 4.31 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.070 W/kg

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.046 mW/g



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Configuration 6_CH4233_HSUPA mode

DUT: IdeaPad S10-3t;

Communication System: WCDMA BAND5; Frequency: 846.6 MHz; Duty Cycle: 1:1
Medium: Muscle 900 MHz Medium parameters used: $f = 847$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY4 Configuration:

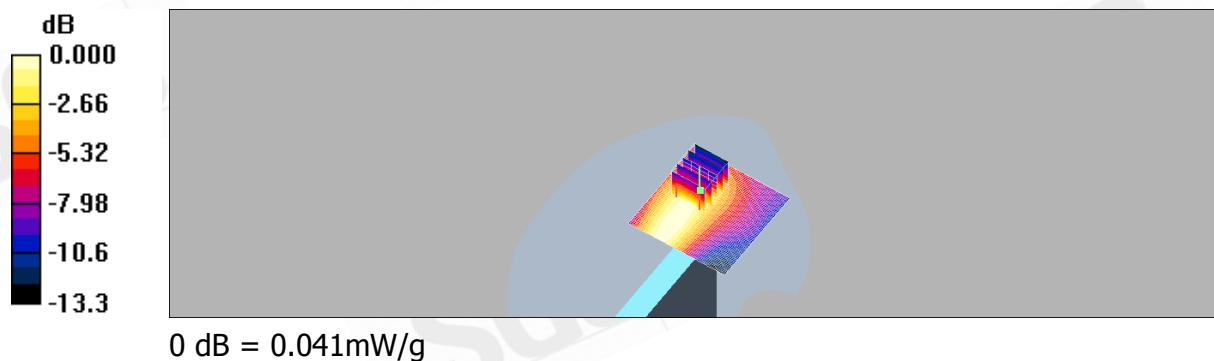
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

body/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.043 mW/g

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

Reference Value = 4.42 V/m; Power Drift = 0.145 dB
Peak SAR (extrapolated) = 0.064 W/kg

SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.041 mW/g



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5. SAR System Performance Verification

Date/Time: 2009/11/10 00:08:49

DUT: Dipole 835 MHz;

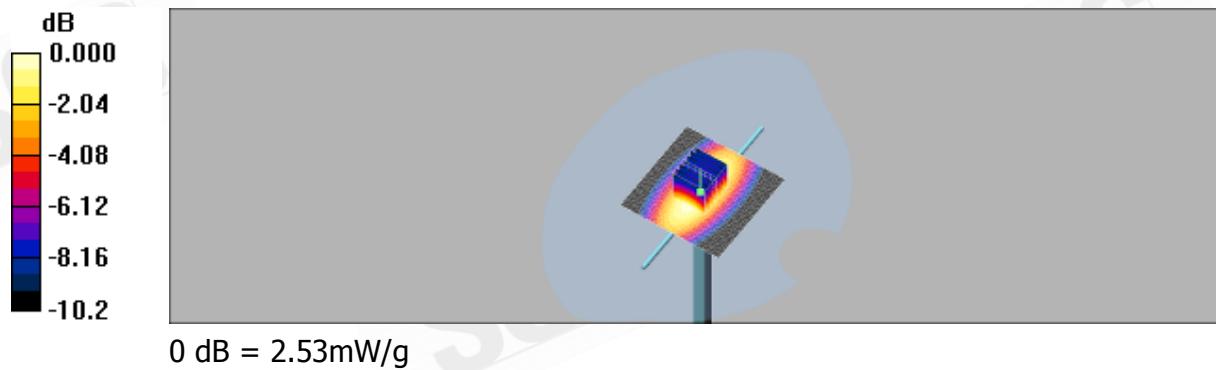
Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: Muscle 900 MHz Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.969 \text{ mho/m}$; $\epsilon_r = 54.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (interpolated) = 2.56 mW/g**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=5\text{mm}$,
 $dy=5\text{mm}$, $dz=5\text{mm}$ Reference Value = 51.9 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 3.46 W/kg**SAR(1 g) = 2.43 mW/g; SAR(10 g) = 1.64 mW/g**
Maximum value of SAR (measured) = 2.53 mW/g

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DUT: Dipole 1900 MHz;

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.63$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

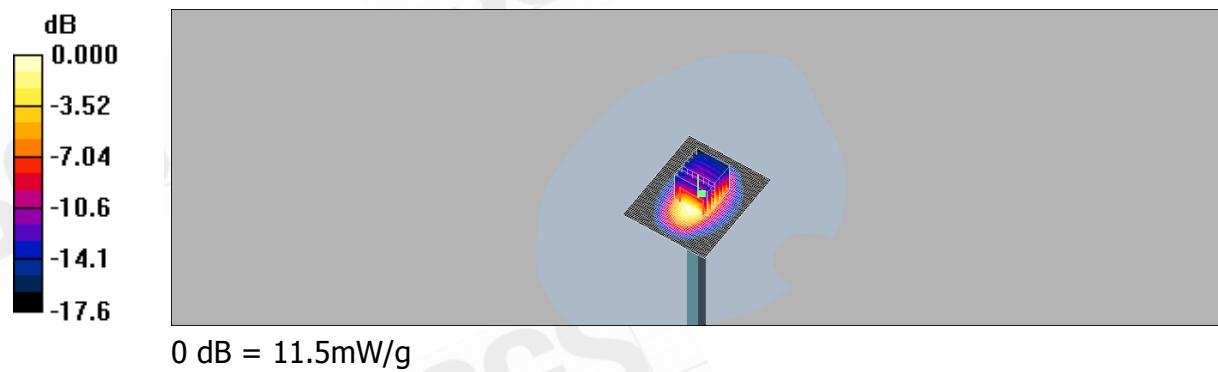
DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.6 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 81.8 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 18.6 W/kg

SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.46 mW/g
Maximum value of SAR (measured) = 11.5 mW/g



DUT: Dipole 835 MHz;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 835$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

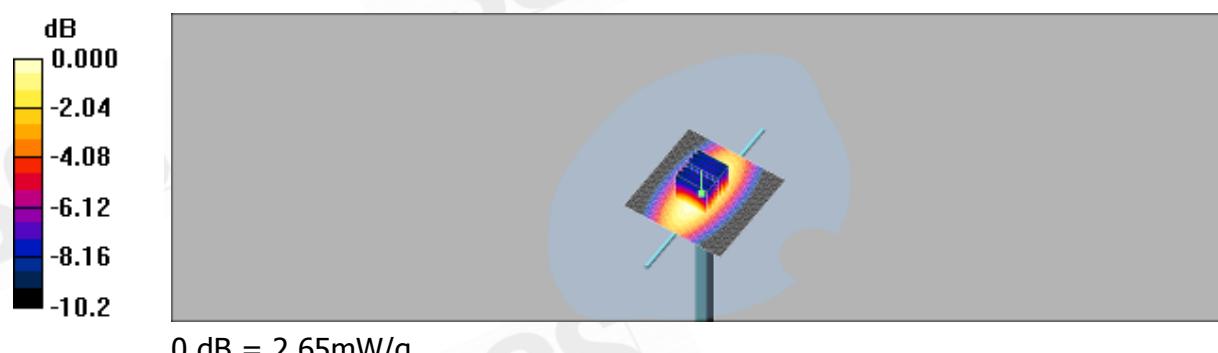
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.65 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.2 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 2.45 mW/g; SAR(10 g) = 1.61 mW/g

Maximum value of SAR (measured) = 2.65 mW/g



DUT: Dipole 1900 MHz;

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

Medium: M1800 & 1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.6$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

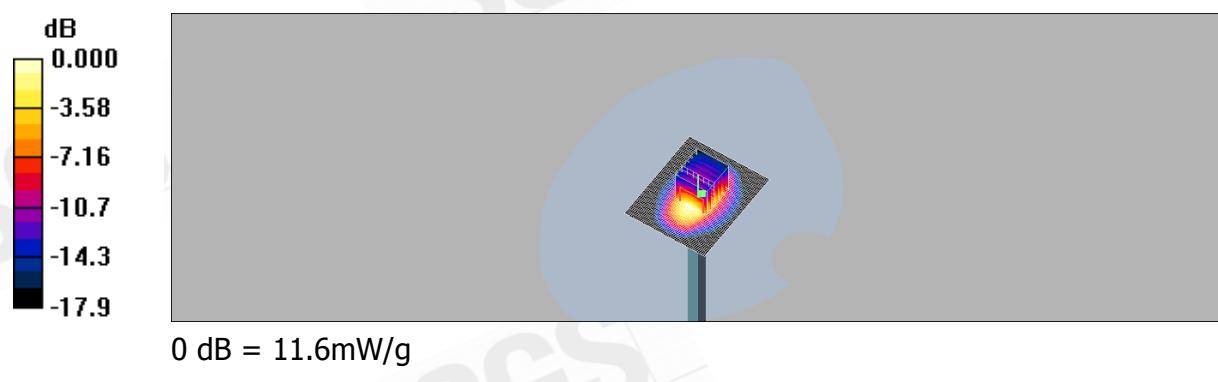
- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 13.1 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.6 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 10.4 mW/g; SAR(10 g) = 5.39 mW/g

Maximum value of SAR (measured) = 11.6 mW/g



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DUT: Dipole 835 MHz;

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

Medium: Muscle 900 MHz Medium parameters used: $f = 835$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

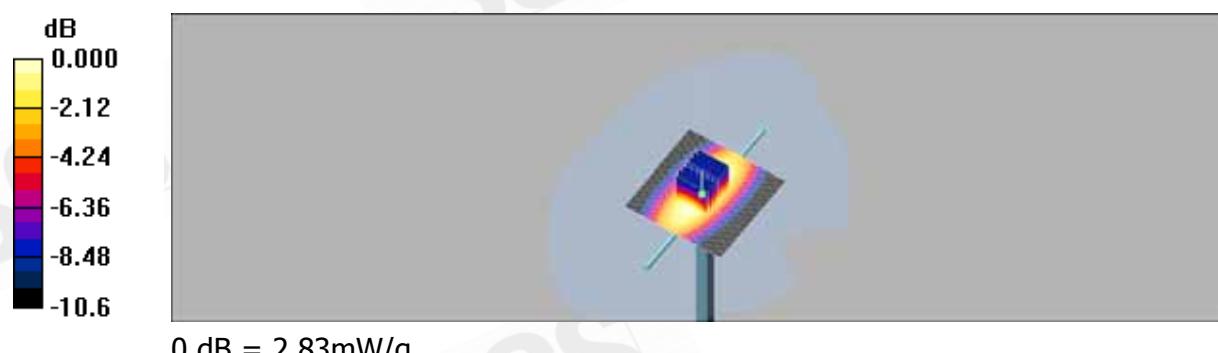
- Probe: EX3DV3 - SN3526; ConvF(10.88, 10.88, 10.88); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM1; Type: SAM 4.0; Serial: TP:1419
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.83 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.4 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.7 mW/g

Maximum value of SAR (measured) = 2.83 mW/g



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DUT: Dipole 1900 MHz;

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1
Medium: M1800 & 1900 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.61$ mho/m; $\epsilon_r = 54.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

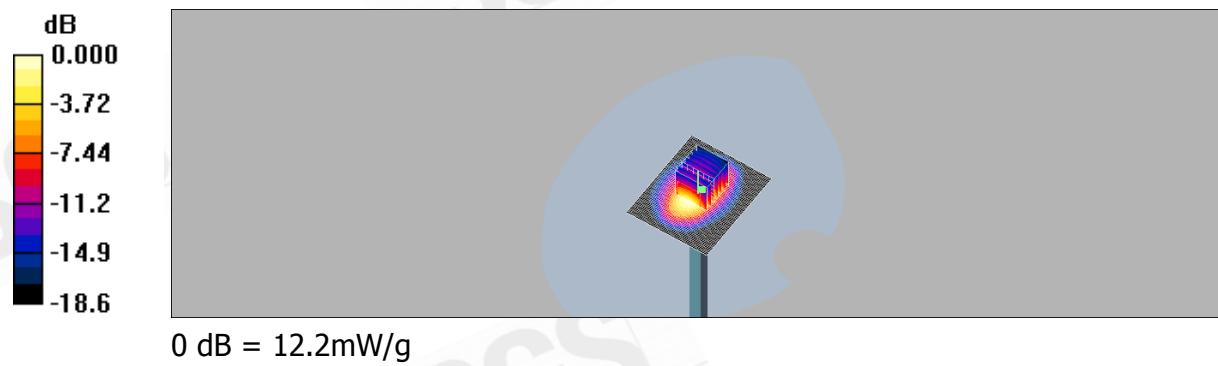
DASY4 Configuration:

- Probe: EX3DV3 - SN3526; ConvF(8.89, 8.89, 8.89); Calibrated: 2009/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn547; Calibrated: 2009/1/20
- Phantom: SAM2; Type: SAM 4.0; Serial: TP:1270
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=250mW/Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.4 mW/g

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.3 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 20.7 W/kg

SAR(1 g) = 11 mW/g; SAR(10 g) = 5.62 mW/g
Maximum value of SAR (measured) = 12.2 mW/g



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6. DAE & Probe Calibration certificate

Calibration Laboratory of
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Zeughausstrasse 43, 8004 Zurich, Switzerland



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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: **SCS 108**Client **SGS (Auden)**Certificate No: **DAE4-547_Jan09**

CALIBRATION CERTIFICATE

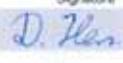
Object **DAE4 - SD 000 D04 BJ - SN: 547**Calibration procedure(s) **QA CAL-06.v12**
Calibration procedure for the data acquisition electronics (DAE)Calibration date: **January 19, 2009**Condition of the calibrated item: **In Tolerance**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Certificate No.) | Scheduled Calibration |
|-----------------------------------|--------------------|----------------------------|------------------------|
| Fluke Process Calibrator Type 702 | SN: 6295803 | 30-Sep-08 (No: 7673) | Sep-09 |
| Keithley Multimeter Type 2001 | SN: 0810278 | 30-Sep-08 (No: 7670) | Sep-09 |
| Secondary Standards | ID # | Check Date (in house) | Scheduled Check |
| Calibrator Box V1.1 | SE UMS 006 AB 1004 | 06-Jun-08 (in house check) | In house check: Jun-09 |

| | | | |
|----------------|-----------------------------|-------------------------------------|--|
| Calibrated by: | Name Daniel Hess | Function Technician | Signature  |
| Approved by: | Name Fin Bornholt | Function R&D Director | Signature  |

Issued: January 20, 2009

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Certificate No: **DAE4-547_Jan09**

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Accreditation No.: SCS 108

Client SGS (Auden)

Certificate No: EX3-3526_Aug09

CALIBRATION CERTIFICATE

| | | | |
|--|--|-----------------------------------|--|
| Object | EX3DV3 - SN:3526 | | |
| Calibration procedure(s) | QA CAL-01.v6, QA CAL-14.v3, QA CAL-23.v3 and QA CAL-25.v2 Calibration procedure for dosimetric E-field probes | | |
| Calibration date: | August 26, 2009 | | |
| Condition of the calibrated item | In Tolerance | | |
| <p>This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.</p> <p>All calibrations have been conducted in the closed laboratory facility, environment temperature (22 ± 3)°C and humidity < 70%.</p> <p>Calibration Equipment used (M&TE critical for calibration)</p> | | | |
| Primary Standards | ID # | Cal Date (Certificate No.) | Scheduled Calibration |
| Power meter E4419B | GB41290874 | 1-Apr-09 (No. 217-01030) | Apr-10 |
| Power sensor E4412A | MY41495277 | 1-Apr-09 (No. 217-01030) | Apr-10 |
| Power sensor E4412A | MY41498087 | 1-Apr-09 (No. 217-01030) | Apr-10 |
| Reference 3 dB Attenuator | SN: S5054 (3ic) | 31-Mar-09 (No. 217-01028) | Mar-10 |
| Reference 20 dB Attenuator | SN: S5086 (20b) | 31-Mar-09 (No. 217-01028) | Mar-10 |
| Reference 30 dB Attenuator | SN: S5129 (30b) | 31-Mar-09 (No. 217-01027) | Mar-10 |
| Reference Probe ES3DV2 | SN: 3013 | 2-Jan-09 (No. ES3-3013_Jan09) | Jan-10 |
| DAE4 | SN: 660 | 9-Sep-08 (No. DAE4-660_Sep08) | Sep-09 |
| Secondary Standards | ID # | Check Date (in house) | Scheduled Check |
| RF generator HP 8648C | US3642U01700 | 4-Aug-09 (in house check Oct-07) | In house check: Oct-09 |
| Network Analyzer HP 8753E | US37390585 | 18-Oct-01 (in house check Oct-06) | In house check: Oct-09 |
| Calibrated by: | Name | Function | Signature |
| | Katja Pokrovic | Technical Manager |  |
| Approved by: | Name | Function | Signature |
| | Niels Kuster | Quality Manager |  |
| Issued: August 26, 2009 | | | |

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Certificate No: EX3-3526_Aug09

Page 1 of 9

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Accreditation No.: SCS 108

Glossary:

| | |
|------------------------|--|
| TSL | tissue simulating liquid |
| NORM x,y,z | sensitivity in free space |
| ConvF | sensitivity in TSL / NORM x,y,z |
| DCP | diode compression point |
| Polarization φ | φ rotation around probe axis |
| Polarization β | β rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\beta = 0$ is normal to probe axis |

Calibration is Performed According to the Following Standards:

- IEEE Std 1528-2003, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", December 2003
- IEC 62209-1, "Procedure to measure the Specific Absorption Rate (SAR) for hand-held devices used in close proximity to the ear (frequency range of 300 MHz to 3 GHz)", February 2005

Methods Applied and Interpretation of Parameters:

- NORM x,y,z : Assessed for E-field polarization $\beta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORM x,y,z are only intermediate values, i.e., the uncertainties of NORM x,y,z does not effect the E²-field uncertainty inside TSL (see below ConvF).
- $NORM(f)x,y,z = NORMx,y,z * frequency_response$ (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep (no uncertainty required). DCP does not depend on frequency nor media.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \leq 800$ MHz) and inside waveguide using analytical field distributions based on power measurements for $f > 800$ MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM $x,y,z * ConvF$ whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical Isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.

EX3DV3 SN:3526

August 26, 2009

Probe EX3DV3

SN:3526

Manufactured: March 19, 2004
Last calibrated: August 26, 2008
Recalibrated: August 26, 2009

Calibrated for DASY Systems

(Note: non-compatible with DASY2 system!)

Certificate No: EX3-3526_Aug09

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EX3DV3 SN:3526

August 26, 2009

DASY - Parameters of Probe: EX3DV3 SN:3526**Sensitivity in Free Space^A**

| | | |
|-------|-------------------|-------------------------------------|
| NormX | $0.99 \pm 10.1\%$ | $\mu\text{V}/(\text{V}/\text{m})^2$ |
| NormY | $0.82 \pm 10.1\%$ | $\mu\text{V}/(\text{V}/\text{m})^2$ |
| NormZ | $0.91 \pm 10.1\%$ | $\mu\text{V}/(\text{V}/\text{m})^2$ |

Diode Compression^B

| | |
|-------|-------|
| DCP X | 94 mV |
| DCP Y | 97 mV |
| DCP Z | 95 mV |

Sensitivity in Tissue Simulating Liquid (Conversion Factors)

Please see Page 8.

Boundary Effect

TSL 900 MHz Typical SAR gradient: 5 % per mm

| | | |
|---|--------|--------|
| Sensor Center to Phantom Surface Distance | 2.0 mm | 3.0 mm |
| SAR ₉₀ [%] Without Correction Algorithm | 9.2 | 6.0 |
| SAR ₉₀ [%] With Correction Algorithm | 0.9 | 0.4 |

TSL 1750 MHz Typical SAR gradient: 10 % per mm

| | | |
|---|--------|--------|
| Sensor Center to Phantom Surface Distance | 2.0 mm | 3.0 mm |
| SAR ₉₀ [%] Without Correction Algorithm | 3.6 | 1.3 |
| SAR ₉₀ [%] With Correction Algorithm | 0.8 | 0.3 |

Sensor Offset

Probe Tip to Sensor Center 1.0 mm

The reported uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

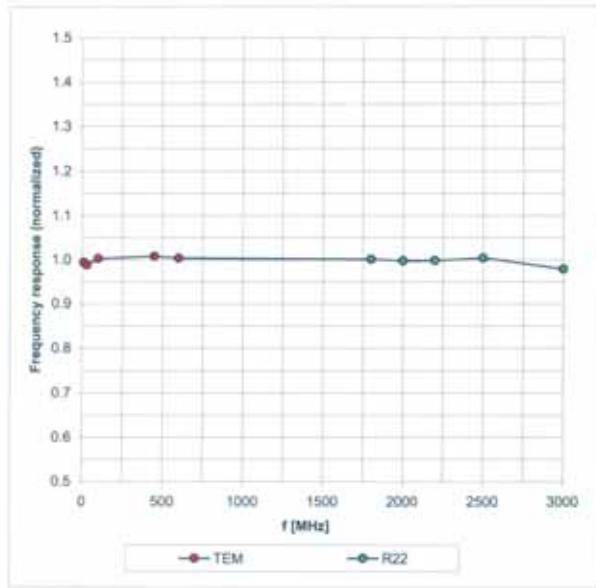
^A The uncertainties of NormX,Y,Z do not affect the E²-field uncertainty inside TSL (see Page 8).^B Numerical linearization parameter: uncertainty not required.

EX3DV3 SN:3526

August 26, 2009

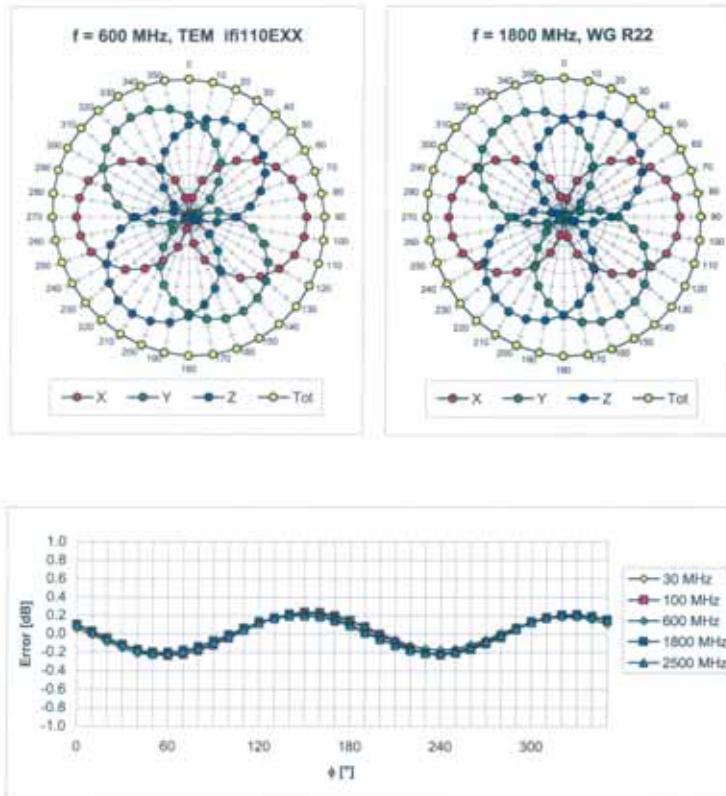
Frequency Response of E-Field

(TEM-Cell:ifi110 EXX, Waveguide: R22)

Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

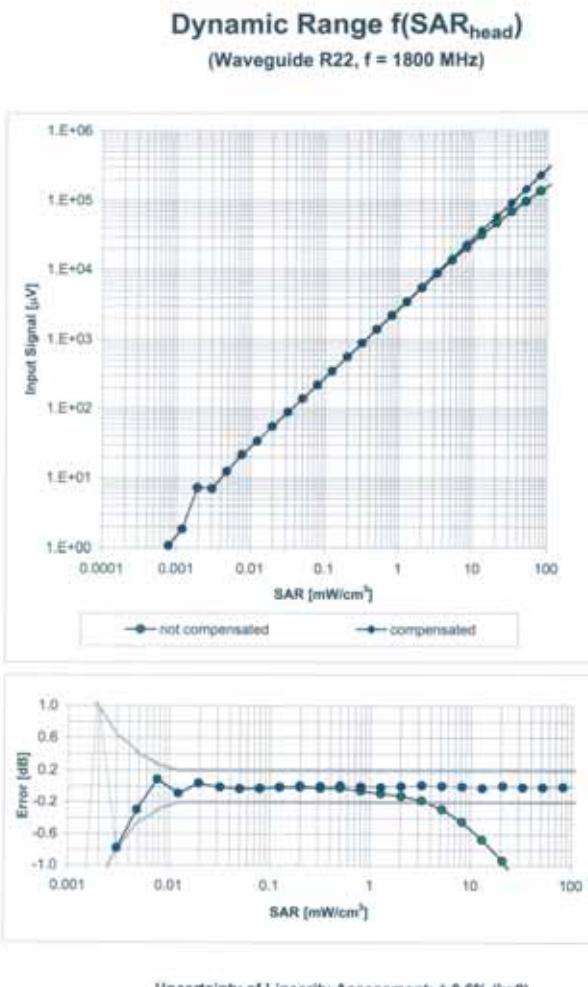
EX3DV3 SN:3526

August 26, 2009

Receiving Pattern (ϕ), $\theta = 0^\circ$ Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ ($k=2$)

EX3DV3 SN:3526

August 26, 2009



Certificate No: EX3-3526_Aug09

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EX3DV3 SN:3526

August 26, 2009

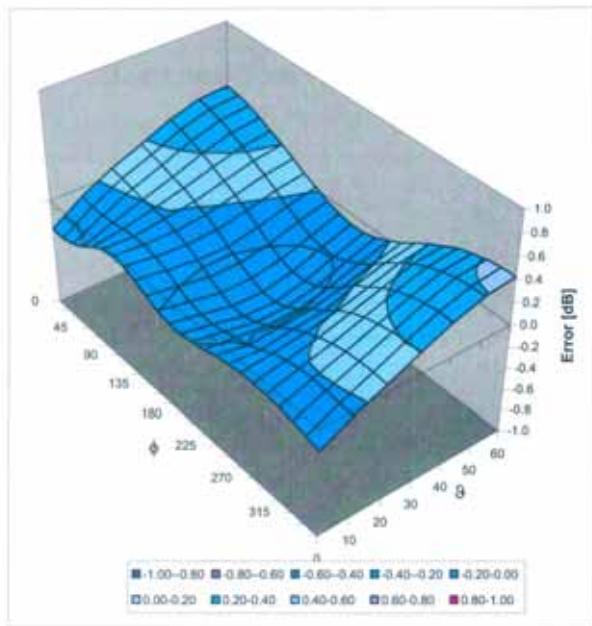
Conversion Factor Assessment

| f [MHz] | Validity [MHz] ^c | TSL | Permittivity | Conductivity | Alpha | Depth | ConvF Uncertainty |
|---------|-----------------------------|------|--------------|--------------|-------|-------|---------------------|
| 835 | ± 50 / ± 100 | Head | 41.5 ± 5% | 0.90 ± 5% | 0.48 | 0.74 | 11.06 ± 11.0% (k=2) |
| 900 | ± 50 / ± 100 | Head | 41.5 ± 5% | 0.97 ± 5% | 0.46 | 0.74 | 10.70 ± 11.0% (k=2) |
| 1750 | ± 50 / ± 100 | Head | 40.1 ± 5% | 1.37 ± 5% | 0.33 | 0.75 | 9.75 ± 11.0% (k=2) |
| 1900 | ± 50 / ± 100 | Head | 40.0 ± 5% | 1.40 ± 5% | 0.43 | 0.68 | 9.38 ± 11.0% (k=2) |
| 2000 | ± 50 / ± 100 | Head | 40.0 ± 5% | 1.40 ± 5% | 0.42 | 0.67 | 9.19 ± 11.0% (k=2) |
| 2450 | ± 50 / ± 100 | Head | 39.2 ± 5% | 1.80 ± 5% | 0.22 | 1.01 | 8.43 ± 11.0% (k=2) |
| 5200 | ± 50 / ± 100 | Head | 36.0 ± 5% | 4.66 ± 5% | 0.40 | 1.80 | 5.35 ± 13.1% (k=2) |
| 5300 | ± 50 / ± 100 | Head | 35.9 ± 5% | 4.76 ± 5% | 0.40 | 1.80 | 5.06 ± 13.1% (k=2) |
| 5600 | ± 50 / ± 100 | Head | 35.5 ± 5% | 5.07 ± 5% | 0.40 | 1.80 | 4.86 ± 13.1% (k=2) |
| 5800 | ± 50 / ± 100 | Head | 35.3 ± 5% | 5.27 ± 5% | 0.50 | 1.80 | 4.61 ± 13.1% (k=2) |
| 835 | ± 50 / ± 100 | Body | 55.2 ± 5% | 0.97 ± 5% | 0.47 | 0.74 | 10.88 ± 11.0% (k=2) |
| 900 | ± 50 / ± 100 | Body | 55.0 ± 5% | 1.05 ± 5% | 0.51 | 0.74 | 10.59 ± 11.0% (k=2) |
| 1750 | ± 50 / ± 100 | Body | 53.4 ± 5% | 1.49 ± 5% | 0.43 | 0.76 | 9.29 ± 11.0% (k=2) |
| 1900 | ± 50 / ± 100 | Body | 53.3 ± 5% | 1.52 ± 5% | 0.37 | 0.78 | 8.89 ± 11.0% (k=2) |
| 2000 | ± 50 / ± 100 | Body | 53.3 ± 5% | 1.52 ± 5% | 0.30 | 1.01 | 9.07 ± 11.0% (k=2) |
| 2450 | ± 50 / ± 100 | Body | 52.7 ± 5% | 1.95 ± 5% | 0.24 | 0.94 | 8.52 ± 11.0% (k=2) |
| 2600 | ± 50 / ± 100 | Body | 52.5 ± 5% | 2.16 ± 5% | 0.51 | 0.62 | 8.42 ± 11.0% (k=2) |
| 3500 | ± 50 / ± 100 | Body | 51.3 ± 5% | 3.31 ± 5% | 0.34 | 1.25 | 7.36 ± 13.1% (k=2) |
| 5200 | ± 50 / ± 100 | Body | 49.0 ± 5% | 5.30 ± 5% | 0.55 | 1.90 | 4.29 ± 13.1% (k=2) |
| 5300 | ± 50 / ± 100 | Body | 48.5 ± 5% | 5.42 ± 5% | 0.55 | 1.90 | 3.98 ± 13.1% (k=2) |
| 5600 | ± 50 / ± 100 | Body | 48.5 ± 5% | 5.77 ± 5% | 0.60 | 1.90 | 3.69 ± 13.1% (k=2) |
| 5800 | ± 50 / ± 100 | Body | 48.2 ± 5% | 6.00 ± 5% | 0.60 | 1.90 | 4.05 ± 13.1% (k=2) |

^c The validity of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2). The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

EX3DV3 SN:3526

August 26, 2009

Deviation from Isotropy in HSLError (ϕ, θ), $f = 900$ MHzUncertainty of Spherical Isotropy Assessment: $\pm 2.6\%$ ($k=2$)

Certificate No: EX3-3526_Aug09

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7. Uncertainty Analysis

DASY4 Uncertainty Budget According to IEEE P1528 [1]

| Error Description | Uncertainty value | Prob. Dist. | Div. | (c_i) 1g | (c_i) 10g | Std. Unc. (1g) | Std. Unc. (10g) | (v_i) v_{eff} |
|------------------------------|-------------------|-------------|------------|---------------|----------------|-------------------|--------------------|----------------------|
| Measurement System | | | | | | | | |
| Probe Calibration | ±4.8 % | N | 1 | 1 | 1 | ±4.8 % | ±4.8 % | ∞ |
| Axial Isotropy | ±4.7 % | R | $\sqrt{3}$ | 0.7 | 0.7 | ±1.9 % | ±1.9 % | ∞ |
| Hemispherical Isotropy | ±9.6 % | R | $\sqrt{3}$ | 0.7 | 0.7 | ±3.9 % | ±3.9 % | ∞ |
| Boundary Effects | ±1.0 % | R | $\sqrt{3}$ | 1 | 1 | ±0.6 % | ±0.6 % | ∞ |
| Linearity | ±4.7 % | R | $\sqrt{3}$ | 1 | 1 | ±2.7 % | ±2.7 % | ∞ |
| System Detection Limits | ±1.0 % | R | $\sqrt{3}$ | 1 | 1 | ±0.6 % | ±0.6 % | ∞ |
| Readout Electronics | ±1.0 % | N | 1 | 1 | 1 | ±1.0 % | ±1.0 % | ∞ |
| Response Time | ±0.8 % | R | $\sqrt{3}$ | 1 | 1 | ±0.5 % | ±0.5 % | ∞ |
| Integration Time | ±2.6 % | R | $\sqrt{3}$ | 1 | 1 | ±1.5 % | ±1.5 % | ∞ |
| RF Ambient Conditions | ±3.0 % | R | $\sqrt{3}$ | 1 | 1 | ±1.7 % | ±1.7 % | ∞ |
| Probe Positioner | ±0.4 % | R | $\sqrt{3}$ | 1 | 1 | ±0.2 % | ±0.2 % | ∞ |
| Probe Positioning | ±2.9 % | R | $\sqrt{3}$ | 1 | 1 | ±1.7 % | ±1.7 % | ∞ |
| Max. SAR Eval. | ±1.0 % | R | $\sqrt{3}$ | 1 | 1 | ±0.6 % | ±0.6 % | ∞ |
| Test Sample Related | | | | | | | | |
| Device Positioning | ±2.9 % | N | 1 | 1 | 1 | ±2.9 % | ±2.9 % | 875 |
| Device Holder | ±3.6 % | N | 1 | 1 | 1 | ±3.6 % | ±3.6 % | 5 |
| Power Drift | ±5.0 % | R | $\sqrt{3}$ | 1 | 1 | ±2.9 % | ±2.9 % | ∞ |
| Phantom and Setup | | | | | | | | |
| Phantom Uncertainty | ±4.0 % | R | $\sqrt{3}$ | 1 | 1 | ±2.3 % | ±2.3 % | ∞ |
| Liquid Conductivity (target) | ±5.0 % | R | $\sqrt{3}$ | 0.64 | 0.43 | ±1.8 % | ±1.2 % | ∞ |
| Liquid Conductivity (meas.) | ±2.5 % | N | 1 | 0.64 | 0.43 | ±1.6 % | ±1.1 % | ∞ |
| Liquid Permittivity (target) | ±5.0 % | R | $\sqrt{3}$ | 0.6 | 0.49 | ±1.7 % | ±1.4 % | ∞ |
| Liquid Permittivity (meas.) | ±2.5 % | N | 1 | 0.6 | 0.49 | ±1.5 % | ±1.2 % | ∞ |
| Combined Std. Uncertainty | | | | | | ±10.3 % | ±10.0 % | 331 |
| Expanded STD Uncertainty | | | | | | ±20.6 % | ±20.1 % | |

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8. Phantom Description

Schmid & Partner Engineering AG



Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 1 245 9700, Fax +41 1 245 9779
info@speag.com, http://www.speag.com

Certificate of Conformity / First Article Inspection

| | |
|--------------|--|
| Item | SAM Twin Phantom V4.0 |
| Type No | QD 000 P40 C |
| Series No | TP-1150 and higher |
| Manufacturer | SPEAG Zeughausstrasse 43 CH-8004 Zürich Switzerland |

Tests

The series production process used allows the limitation to test of first articles.
Complete tests were made on the pre-series Type No. QD 000 P40 AA, Serial No. TP-1001 and on the series first article Type No. QD 000 P40 BA, Serial No. TP-1006. Certain parameters have been retested using further series items (called samples) or are tested at each item.

| Test | Requirement | Details | Units tested |
|-----------------------------|---|--|---|
| Dimensions | Compliant with the geometry according to the CAD model. | IT'IS CAD File (*) | First article, Samples |
| Material thickness of shell | Compliant with the requirements according to the standards | 2mm +/- 0.2mm in flat and specific areas of head section | First article, Samples, TP-1314 ff. |
| Material thickness at ERP | Compliant with the requirements according to the standards | 8mm +/- 0.2mm at ERP | First article, All items |
| Material parameters | Dielectric parameters for required frequencies | 300 MHz – 6 GHz; Relative permittivity < 5, Loss tangent < 0.05 | Material samples |
| Material resistivity | The material has been tested to be compatible with the liquids defined in the standards if handled and cleaned according to the instructions. Observe technical Note for material compatibility. | DEGMEE based simulating liquids | Pre-series, First article, Material samples |
| Sagging | Compliant with the requirements according to the standards. Sagging of the flat section when filled with tissue simulating liquid. | < 1% typical < 0.8% if filled with 155mm of HSL900 and without DUT below | Prototypes, Sample testing |

Standards

- [1] CENELEC EN 50361
- [2] IEEE Std 1528-2003
- [3] IEC 62209 Part 1

[4] FCC OET Bulletin 65, Supplement C, Edition 01-01

(*) The IT'IS CAD file is derived from [2] and is also within the tolerance requirements of the shapes of the other documents.

Conformity

Based on the sample tests above, we certify that this item is in compliance with the uncertainty requirements of SAR measurements specified in standards [1] to [4].

Date 07.07.2005



Signature / Stamp

Schmid & Partner Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 1 245 9700, Fax +41 1 245 9779
info@speag.com, http://www.speag.com

9. System Validation from Original equipment supplier

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 108

Client SGS (Auden)

Certificate No.: D835V2-4d063_May09

CALIBRATION CERTIFICATE

| | | | |
|--|--|------------------------------------|---|
| Object | D835V2 - SN: 4d063 | | |
| Calibration procedure(s) | QA CAL-05.v7 Calibration procedure for dipole validation kits | | |
| Calibration date | May 25, 2009 | | |
| Condition of the calibrated item | In Tolerance | | |
| <p>This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.</p> <p>All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.</p> <p>Calibration Equipment used (M&TE critical for calibration)</p> | | | |
| Primary Standards | ID # | Cal Date (Certificate No.) | Scheduled Calibration |
| Power meter EPM-442A | GB37480704 | 08-Oct-08 (No. 217-00988) | Oct-09 |
| Power sensor HP 8481A | US37292783 | 08-Oct-08 (No. 217-00988) | Oct-09 |
| Reference 20 dB Attenuator | SN: 5086 (20g) | 31-Mar-09 (No. 217-01025) | Mar-10 |
| Type-N mismatch combination | SN: 5047.2 / 06327 | 31-Mar-09 (No. 217-01029) | Mar-10 |
| Reference Probe ES30V2 | SN: 3025 | 30-Apr-09 (No. ES3-3025_Apr09) | Apr-10 |
| DAE4 | SN: 601 | 07-Mar-09 (No. DAE4-601_Mar09) | Mar-10 |
| Secondary Standards | ID # | Check Date (in house) | Scheduled Check |
| Power sensor HP 8481A | MY41092317 | 18-Oct-02 (in house check Oct-07) | In house check: Oct-09 |
| RF generator R&S SMT-06 | 100005 | 4-Aug-99 (in house check Oct-07) | In house check: Oct-09 |
| Network Analyzer HP 8753E | US37390585 54206 | 18-Oct-01 (in house check Oct-06) | In house check: Oct-09 |
| Calibrated by: | Name: Jelton Kasznial | Function: Laboratory Technician | Signature:  |
| Approved by: | Katja Pokovic | Technical Manager |  |
| Issued: May 25, 2009 | | | |
| This calibration certificate shall not be reproduced except in full without written approval of the laboratory. | | | |

Certificate No: D835V2-4d063_May09

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DASY5 Validation Report for Body TSL

Date/Time: 25.05.2009 14:01:33

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d063

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

Medium: MSL900

Medium parameters used: $f = 835$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV2 - SN3025; ConvFi5.79, 5.79, 5.79; Calibrated: 30.04.2009
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.03.2009
- Phantom: Flat Phantom 4.9L; Type: QD000P49AA; Serial: 1001
- Measurement SW: DASY5, V5.0 Build 120; SEMCAD X Version 13.4 Build 45

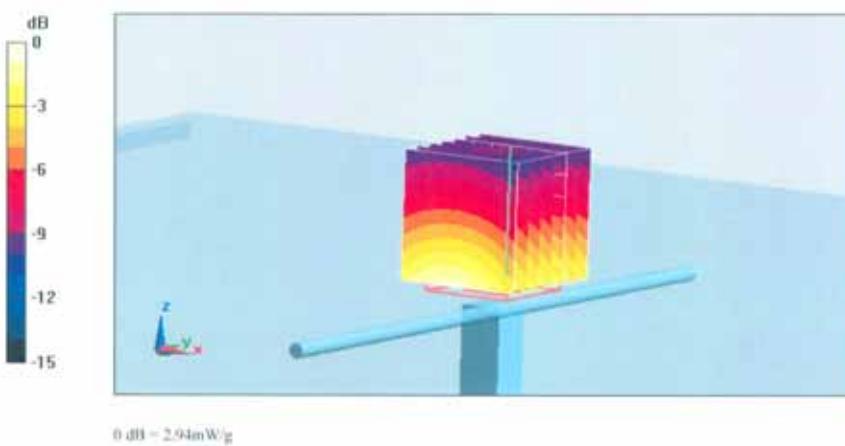
Pin = 250mW, d = 15mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid; dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.6 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.68 mW/g

Maximum value of SAR (measured) = 2.94 mW/g



Certificate No: D835V2-4d063_May09

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Calibration Laboratory of
 Schmid & Partner
 Engineering AG
 Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
 C Service suisse d'étalonnage
 S Servizio svizzero di taratura
 S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
 The Swiss Accreditation Service is one of the signatories to the EA
 Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 108

Client SGS (Auden)

Certificate No: D1900V2-5d027-Apr09

CALIBRATION CERTIFICATE

| | | | | | | |
|---|--|---|------------------------|--|--|--|
| Object | D1900V2 - SN: 5d027 | | | | | |
| Calibration procedure(s) | QA CAL-05.v7 Calibration procedure for dipole validation kits | | | | | |
| Calibration date | April 27, 2009 | | | | | |
| Condition of the calibrated item | In Tolerance | | | | | |
| This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. | | | | | | |
| All calibrations have been conducted in the closed laboratory facility; environment temperature (22 ± 3)°C and humidity < 70%. | | | | | | |
| Calibration Equipment used (M&TE critical for calibration) | | | | | | |
| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration | | | |
| Power meter EPM-442A | GB37480704 | 08-Oct-08 (No. 217-00898) | Oct-09 | | | |
| Power sensor HP 8481A | US37292783 | 08-Oct-08 (No. 217-00898) | Oct-09 | | | |
| Reference 20 dB Attenuator | SN: 5086 (20g) | 31-Mar-09 (No. 217-01025) | Mar-10 | | | |
| Type-N mismatch combination | SN: 5047.2 / 06327 | 31-Mar-09 (No. 217-01029) | Mar-10 | | | |
| Reference Probe ES3DV2 | SN: 3025 | 28-Apr-08 (No. ES3-3025_Apr08) | Apr-09 | | | |
| DAE4 | SN: 601 | 07-Mar-09 (No. DAE4-601_Mar09) | Mar-10 | | | |
| Secondary Standards | ID # | Check Date (in house) | Scheduled Check | | | |
| Power sensor HP 8481A | MY41092317 | 18-Oct-02 (in house check Oct-07) | In house check: Oct-09 | | | |
| RF generator R&S SMT-06 | 100005 | 4-Aug-99 (in house check Oct-07) | In house check: Oct-09 | | | |
| Network Analyzer HP 8753E | US37390585 S4206 | 18-Oct-01 (in house check Oct-08) | In house check: Oct-09 | | | |
| Calibrated by: | Name Jeton Kastrati | Function Laboratory Technician | Signature | | | |
| Approved by: | Kulja Pokovic | Technical Manager | | | | |
| Issued: April 28, 2009 | | | | | | |
| This calibration certificate shall not be reproduced except in full without written approval of the laboratory. | | | | | | |

Certificate No: D1900V2-5d027_Apr09

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DASY5 Validation Report for Body TSL

Date/Time: 21.04.2009 14:59:34

Test Laboratory: SPEAG, Zurich, Switzerland

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

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

Medium: MSL U10 BB

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 55$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC)

DASY5 Configuration:

- Probe: ES3DV2 - SN3025; ConvF(4.5, 4.5, 4.5); Calibrated: 28.04.2008
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 07.03.2009
- Phantom: Flat Phantom 5.0 (back); Type: QD0000P50AA; Serial: 1002
- Measurement SW: DASY5, V5.0 Build 120; SEMCAD X Version 13.4 Build 45

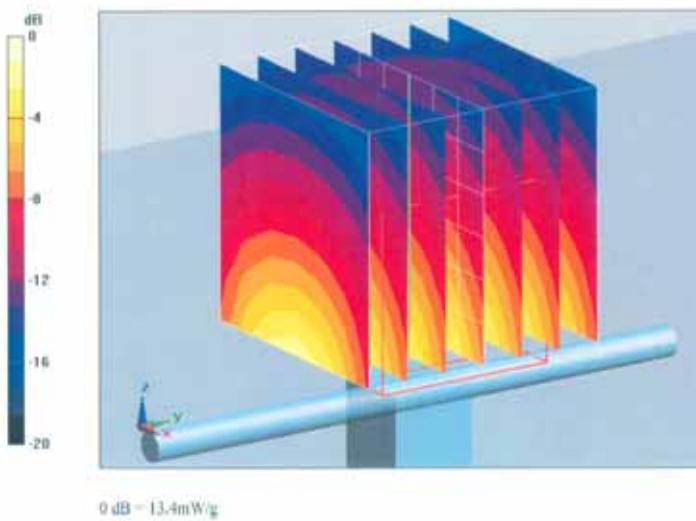
Pin = 250 mW; dip = 10 mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.58 mW/g

Maximum value of SAR (measured) = 13.4 mW/g



Certificate No: D1900V2-5d027_Apr09

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End of 1st part of report

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