

APPENDIX 2 : SAR Measurement data

1. Evaluation procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the E-field at a fixed location above the ear point or central position of flat phantom was used as a reference value for assessing the power drop.

Step 2: The SAR distribution at the exposed side of head or body position was measured at a distance of each device from the inner surface of the shell. The area covered the entire dimension of the antenna of EUT and the horizontal grid spacing was 15 mm x 15 mm (or 10mm x 10mm). Based on these data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Around this point found in the Step 2 (area scan) , a volume of 30mm x 30mm x 30mm or more was assessed by measuring 7 x 7 x 7 points at least. And for any secondary peaks found in the Step2 which are within 2dB of maximum peak and not with this Step3 (Zoom scan) is repeated. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

(1). The data at the surface were extrapolated, since the center of the dipoles is 1mm(EX3DV3) away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm [4]. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.

(2). The maximum interpolated value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one-dimensional splines with the "Not a knot"-condition (in x, y and z-directions) [4], [5]. The volume was integrated with the trapezoidal-algorithm. One thousand points (10 x 10 x 10) were interpolated to calculate the average.

(3). All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the E-field at the same location as in Step 1.

2. Measurement data

i) GSM850 Head

GT-5360L_Head_GSM850_GSM_836.6MHz_Left_Cheek

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.644 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.950 V/m; Power Drift = 0.18 dB

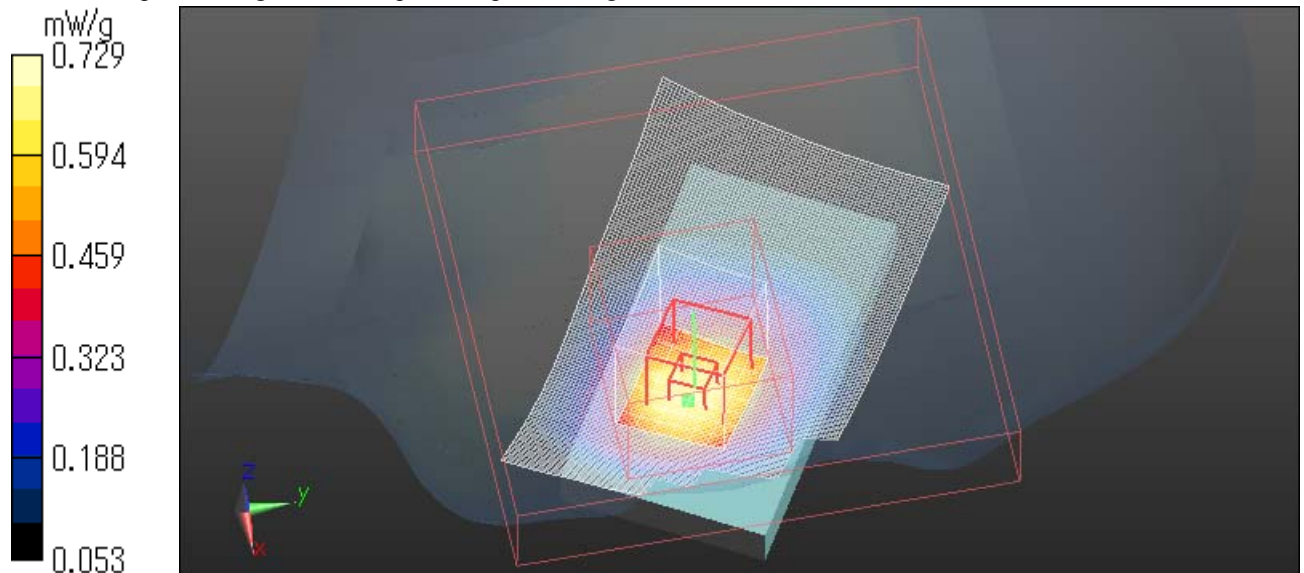
Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.443 mW/g

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

Date: 2011/08/09

Ambient Temp. : 24.7degree.C. Liquid Temp.; 24.7 degree.C.



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GT-S5360L_Head_GSM850_836.6MHz_Left_Tilt

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

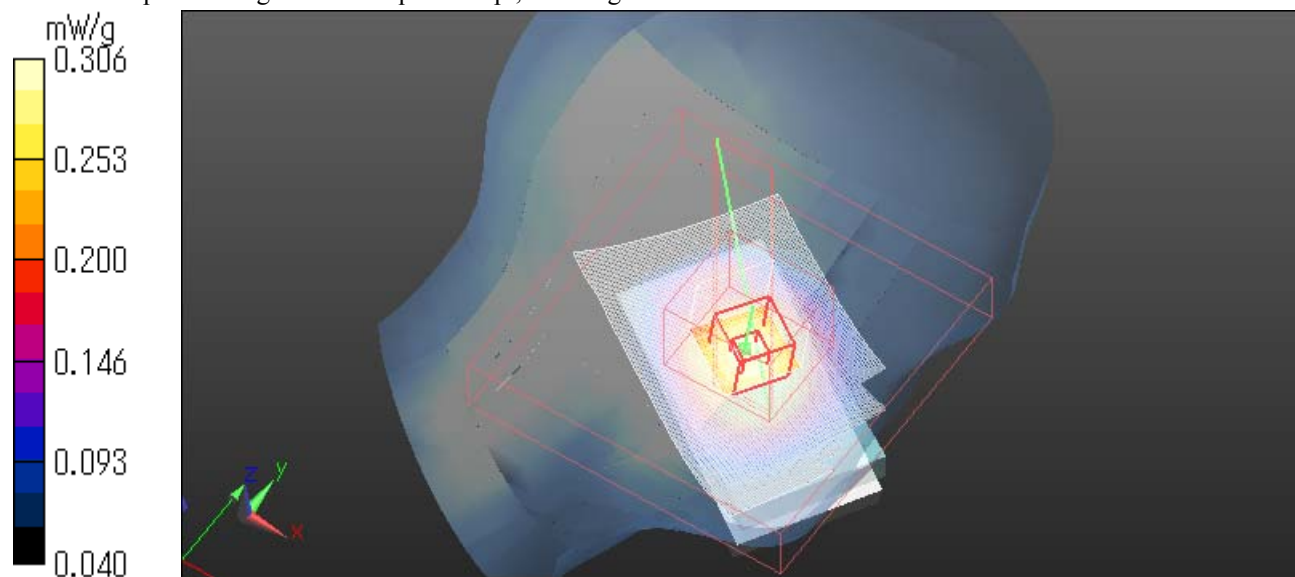
Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.301 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.697 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.335 W/kg
SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.306 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7degree.C. Liquid Temp.; 24.7 degree.C.



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GT-5360L_Head_GSM850_GSM_836.6MHz Right_Cheek

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Right-Hand-Side HSL/Touch Position - Mid/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.567 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.092 V/m; Power Drift = 0.11 dB

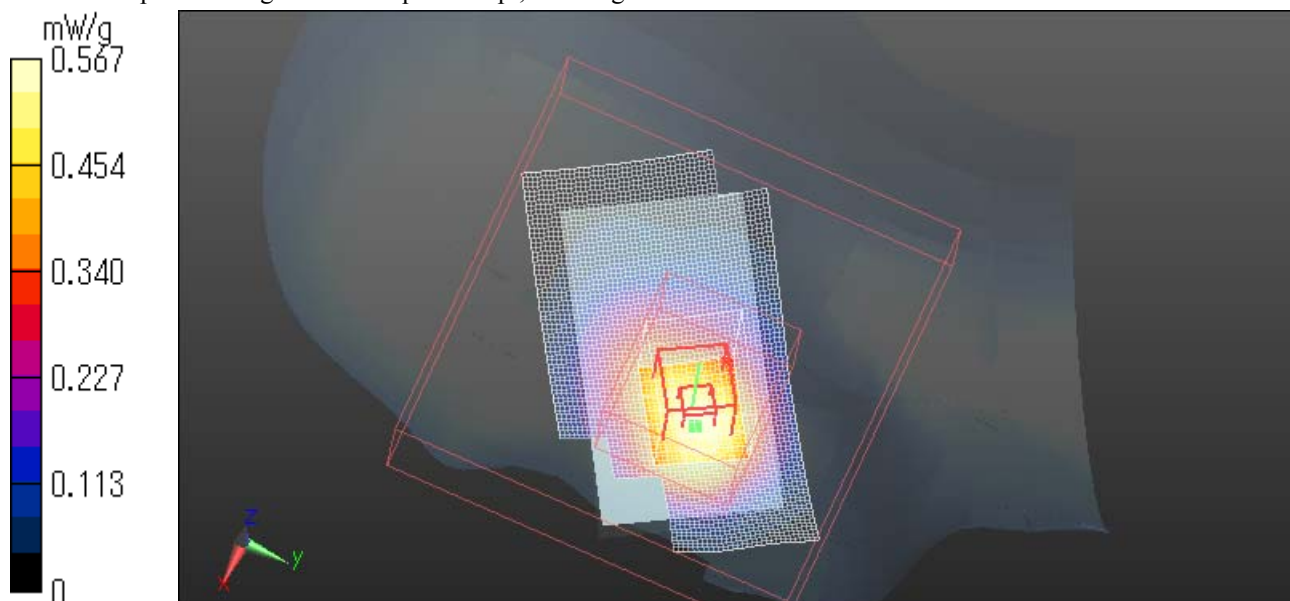
Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.334 mW/g

Maximum value of SAR (measured) = 0.558 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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GT-5360L_Head_GSM850_GSM_836.6MHz_Right_Tilt

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Right-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

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

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.137 V/m; Power Drift = -0.01 dB

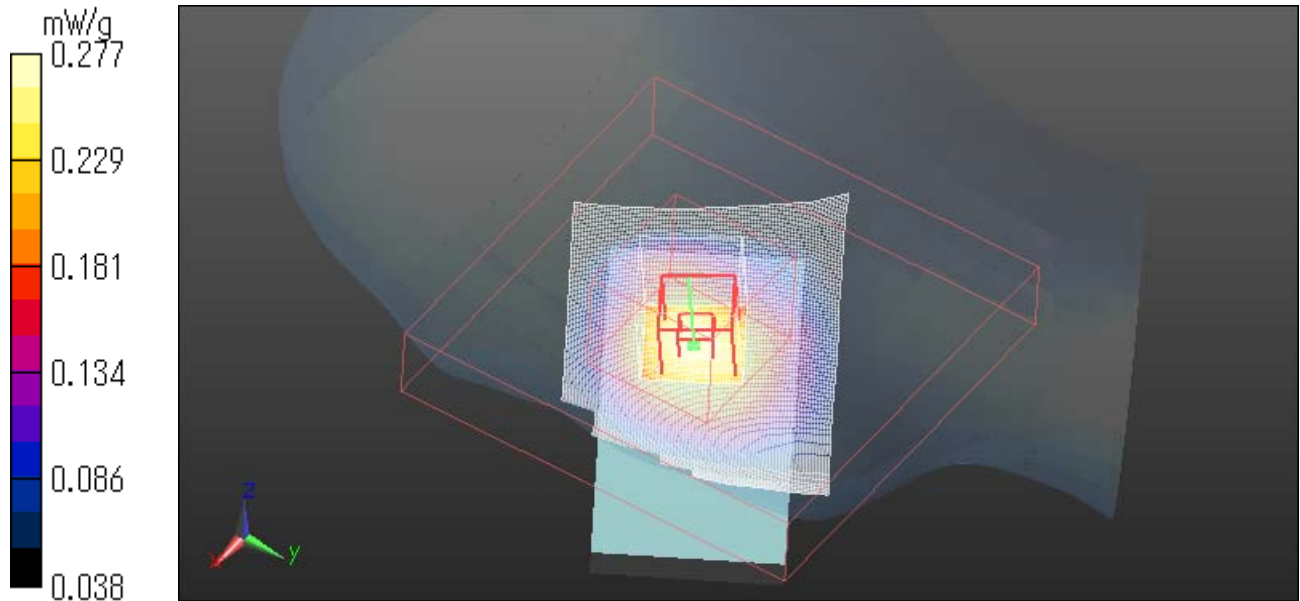
Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.174 mW/g

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

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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GT-5360L_Head_GSM850_GPRS 2slots (VOIP)_ 836.6MHz_Left_Cheek

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.890 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.534 V/m; Power Drift = -0.19 dB

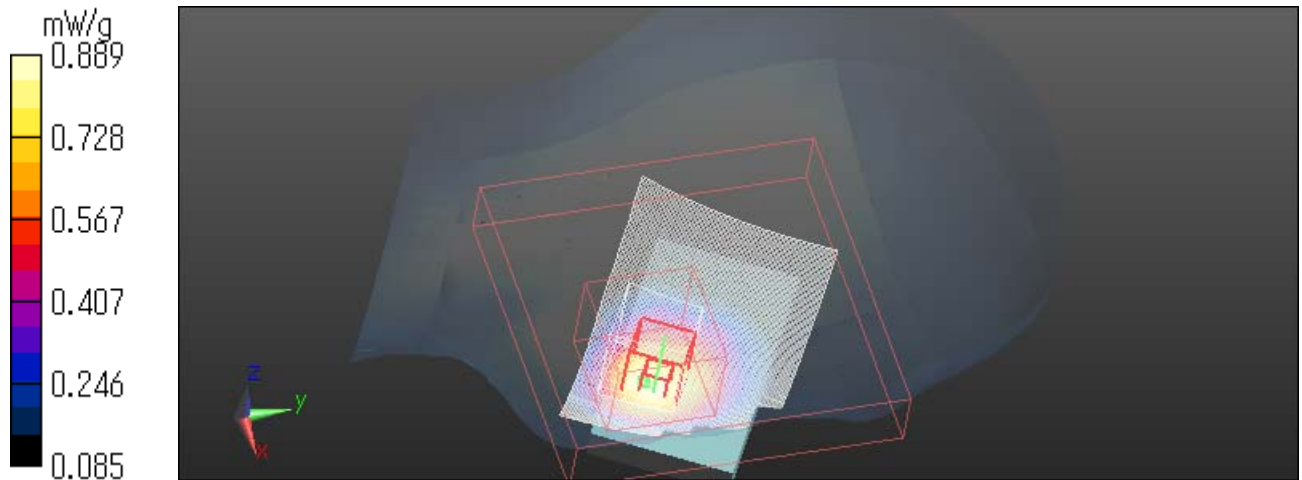
Peak SAR (extrapolated) = 1.012 W/kg

SAR(1 g) = 0.751 mW/g; SAR(10 g) = 0.536 mW/g

Maximum value of SAR (measured) = 0.889 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



Z Scan at Maximum HEAD SAR position in GSM850 band

GT-5360L_Head_GSM850_GPRS 2slots (VOIP)_836.6MHz_Left_Cheek

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

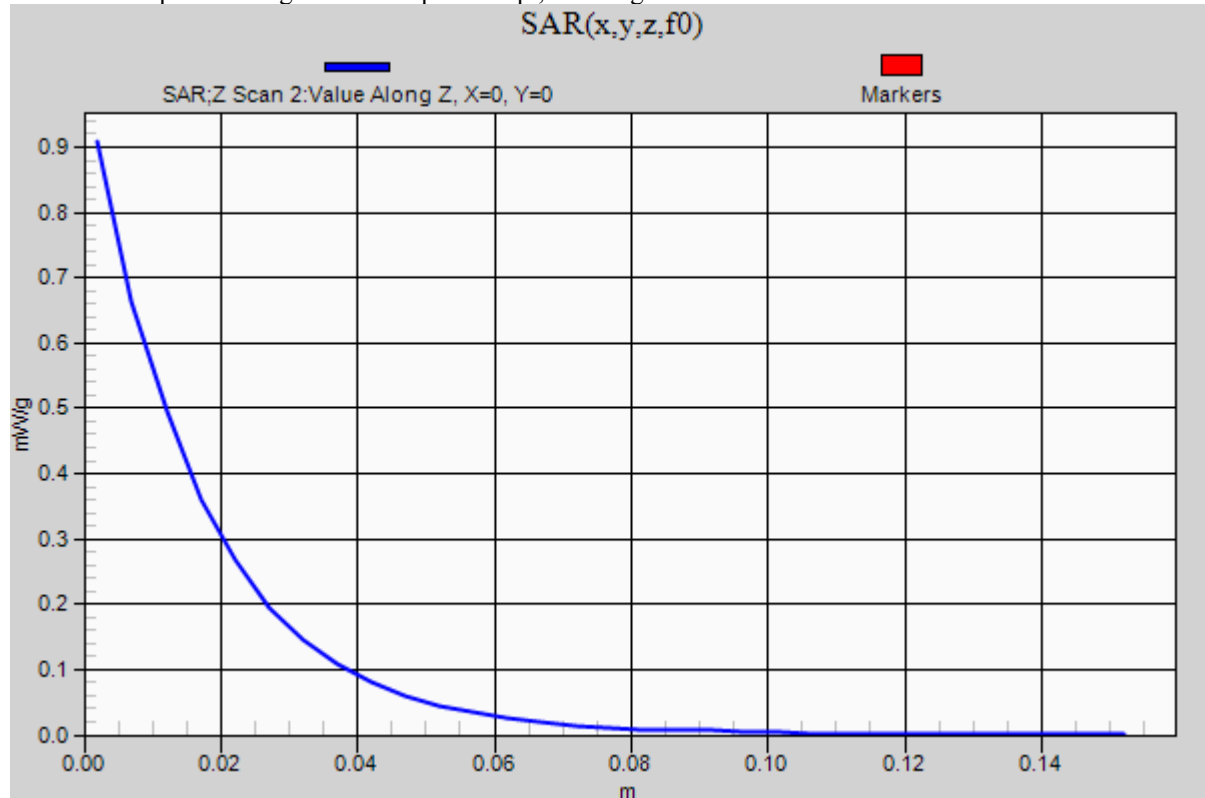
Measurement SW: DASYS2, Version 52.6 (1);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.908 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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ii) **GSM850 Body/Body-worn**

GT-S5360L_GSM850 (GPRS)_2slots_836.6MHz_Front_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.681 mW/g

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

Reference Value = 24.240 V/m; Power Drift = -0.04 dB

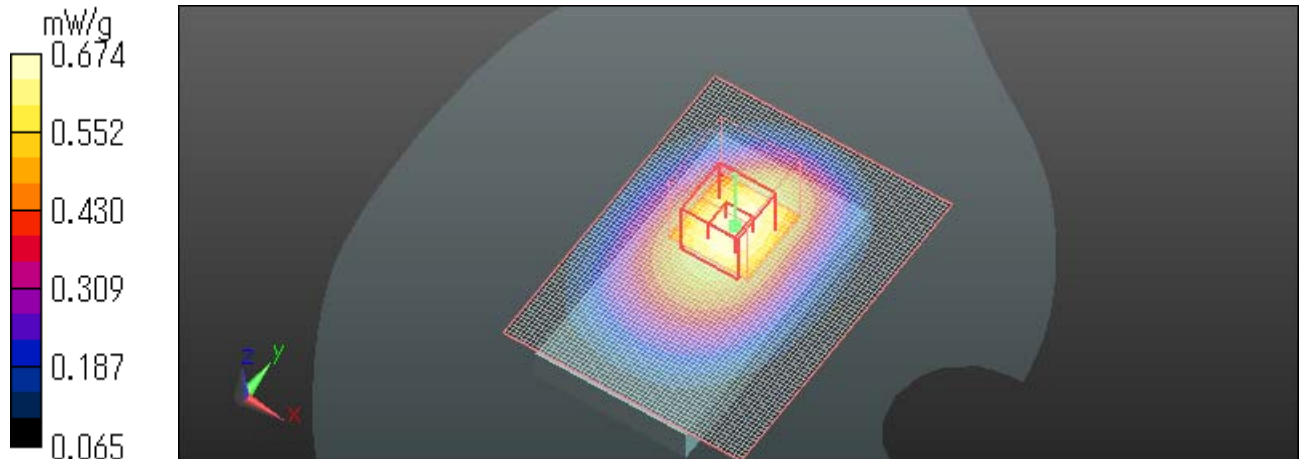
Peak SAR (extrapolated) = 0.771 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.408 mW/g

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

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_GSM850 (GPRS)_2slots_836.6MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.104 mW/g

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

Reference Value = 27.799 V/m; Power Drift = 0.02 dB

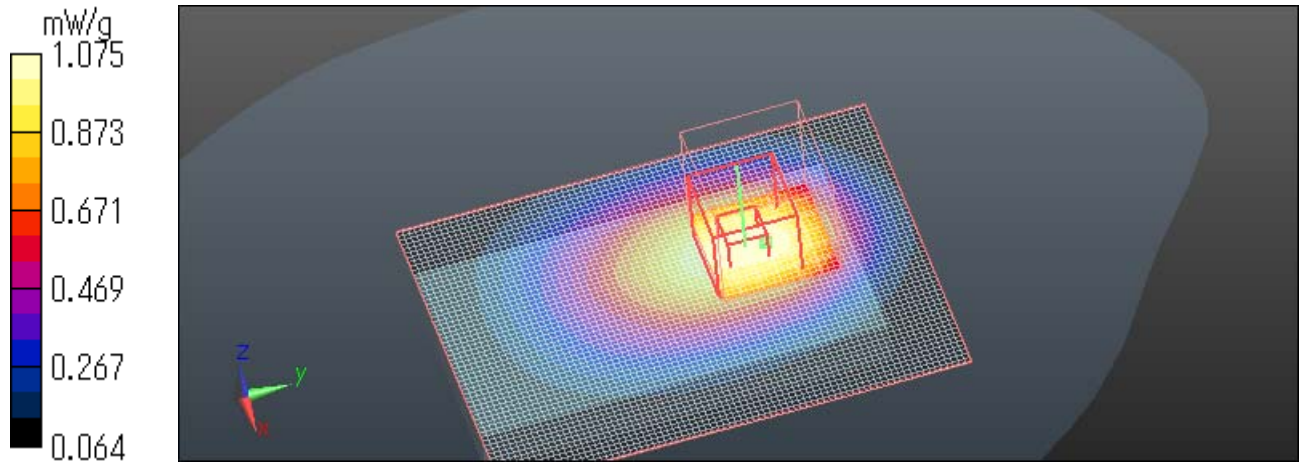
Peak SAR (extrapolated) = 1.247 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.619 mW/g

Maximum value of SAR (measured) = 1.075 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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Z Scan at Maximum BODY SAR position in GSM850 band

GT-S5360L_GSM850 (GPRS)_2slots_836.6MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

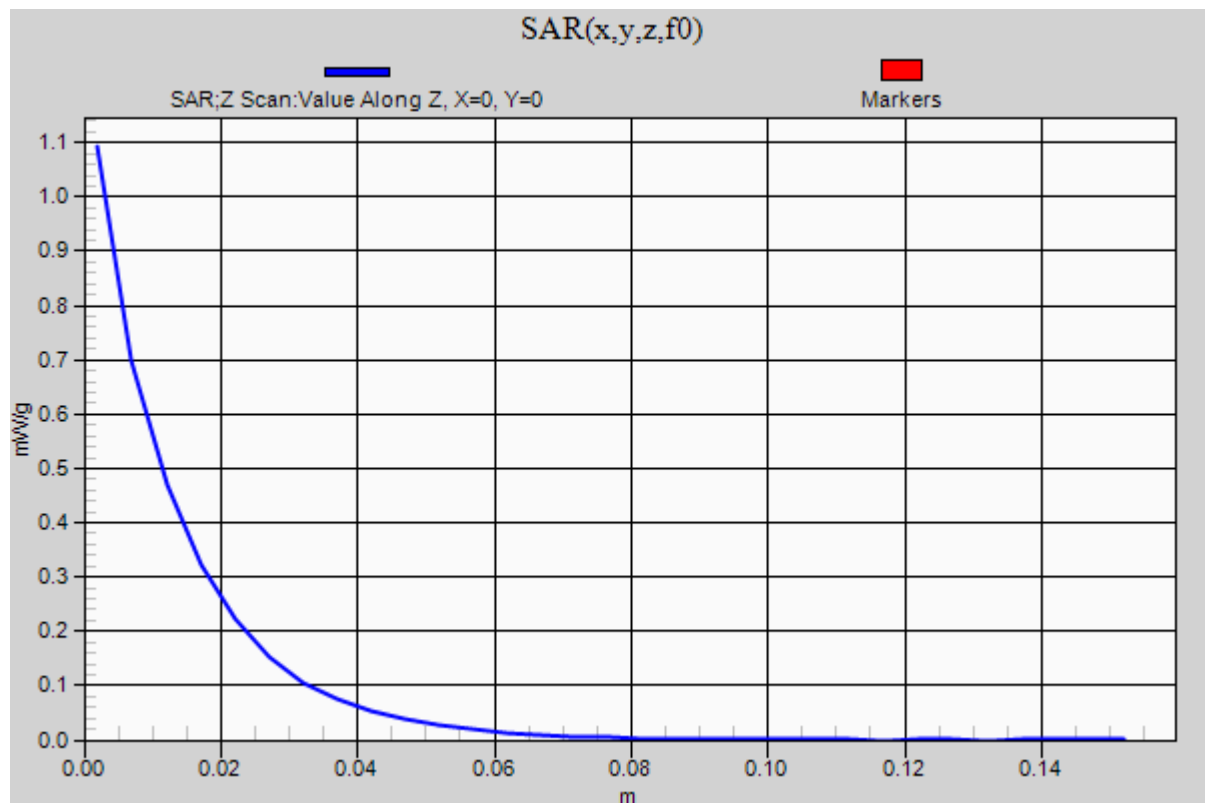
Measurement SW: DASY52, Version 52.6 (1);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.089 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_GSM850 (GPRS)_2slots_836.6MHz_Left edge_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.330 mW/g

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

Reference Value = 17.818 V/m; Power Drift = 0.09 dB

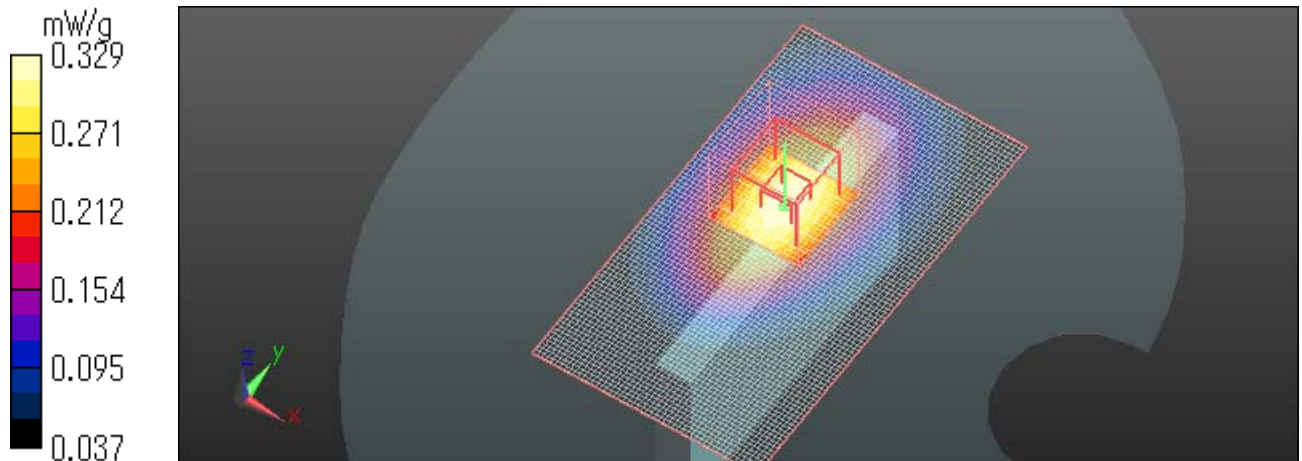
Peak SAR (extrapolated) = 0.384 W/kg

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

Maximum value of SAR (measured) = 0.329 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_GSM850 (GPRS)_2slots_836.6MHz_Right edge_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.475 mW/g

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

Reference Value = 22.300 V/m; Power Drift = 0.003 dB

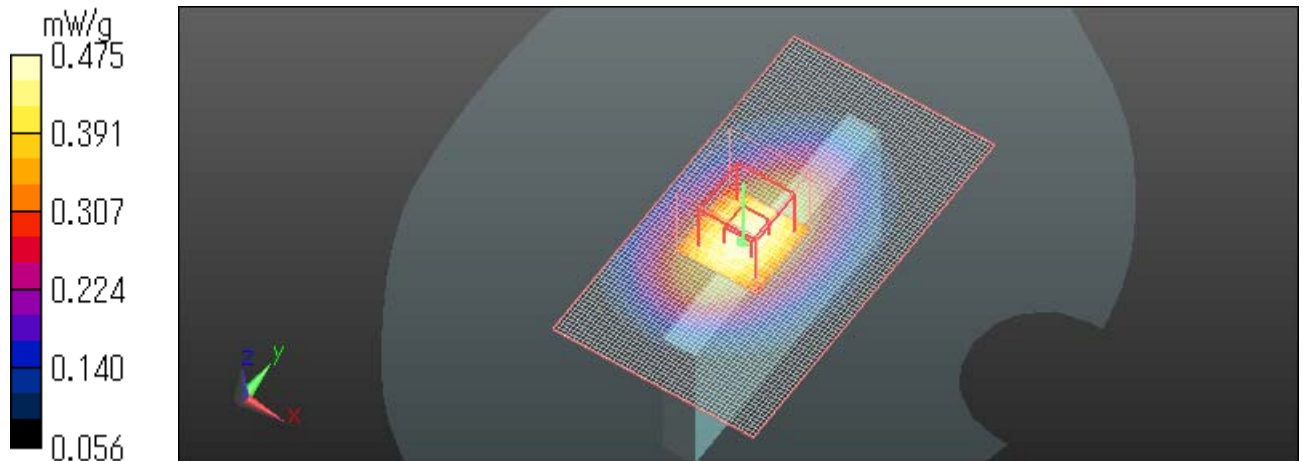
Peak SAR (extrapolated) = 0.554 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.475 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_GSM850 (GPRS)_2slots_836.6MHz_Bottom edge_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

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

Reference Value = 13.128 V/m; Power Drift = -0.03 dB

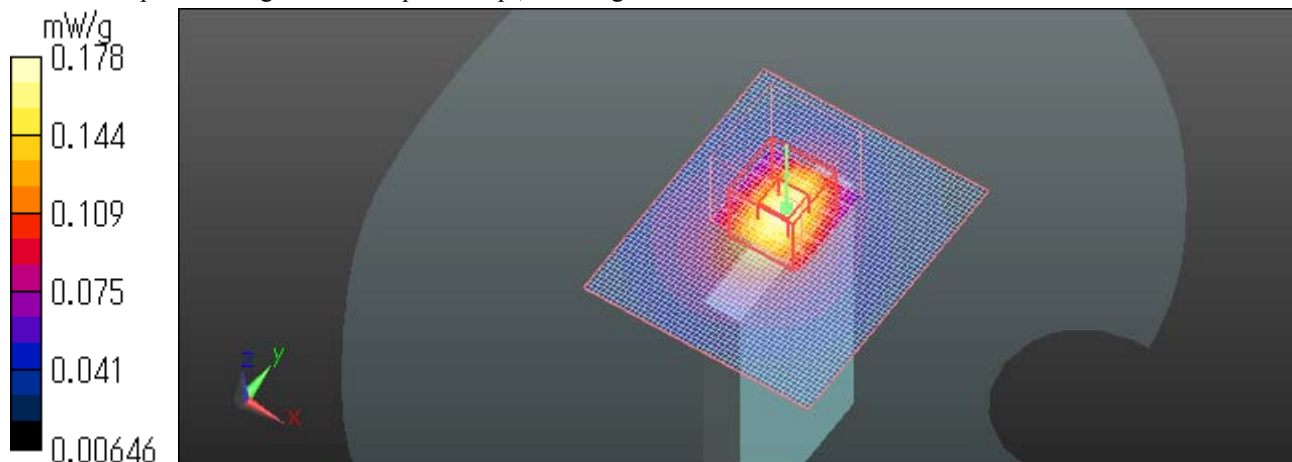
Peak SAR (extrapolated) = 0.237 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.073 mW/g

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

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360L_GSM850 (GSM)_836.6MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.773 mW/g

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

Reference Value = 23.157 V/m; Power Drift = -0.02 dB

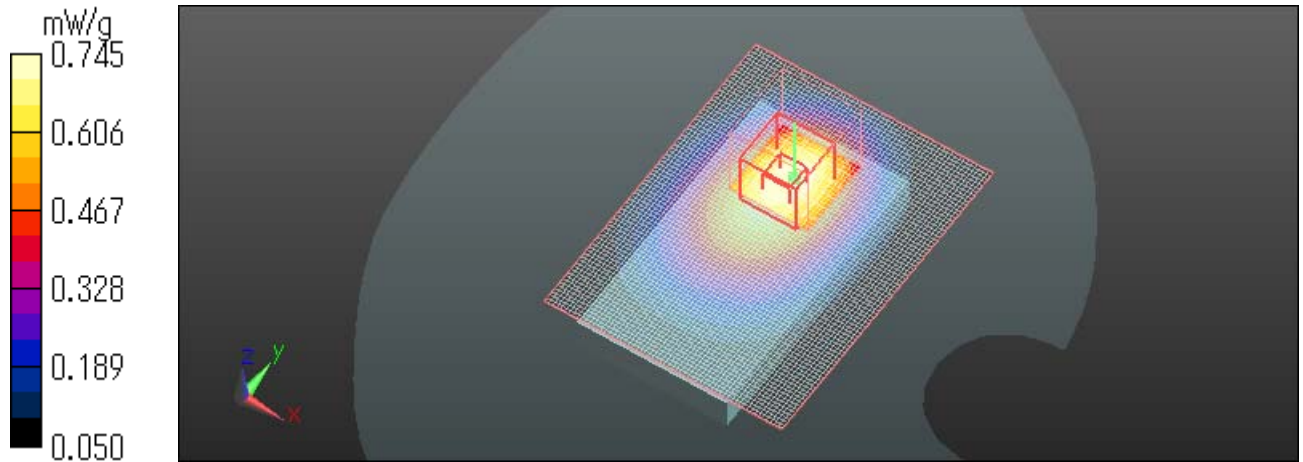
Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.432 mW/g

Maximum value of SAR (measured) = 0.745 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_GSM850 (GPRS)_2slots_824.2MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.072 mW/g

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

Reference Value = 27.490 V/m; Power Drift = -0.10 dB

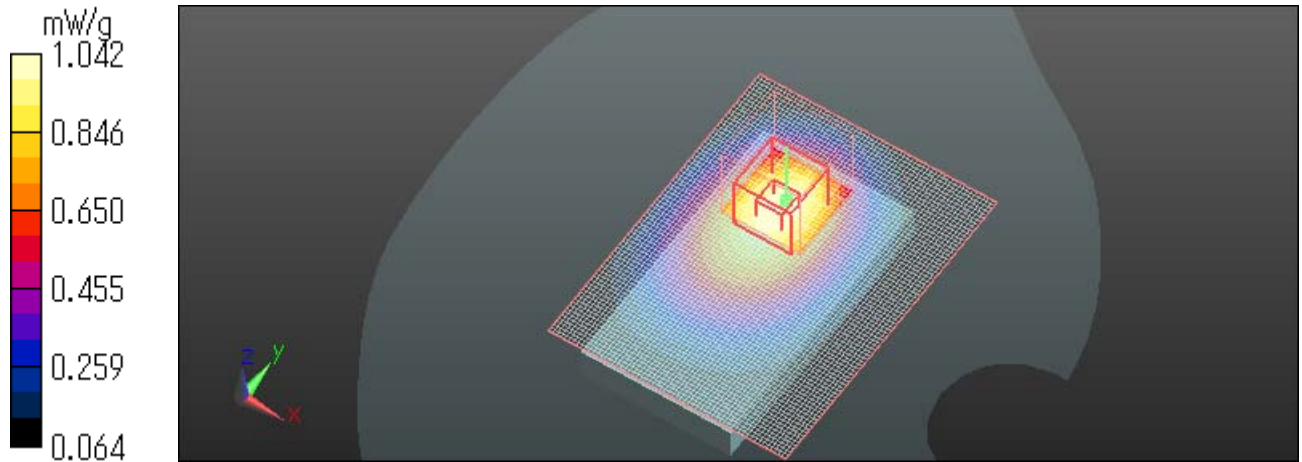
Peak SAR (extrapolated) = 1.208 W/kg

SAR(1 g) = 0.858 mW/g; SAR(10 g) = 0.597 mW/g

Maximum value of SAR (measured) = 1.042 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_GSM850 (GPRS)_2slots_848.8MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 835$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.050 mW/g

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

Reference Value = 27.331 V/m; Power Drift = 0.01 dB

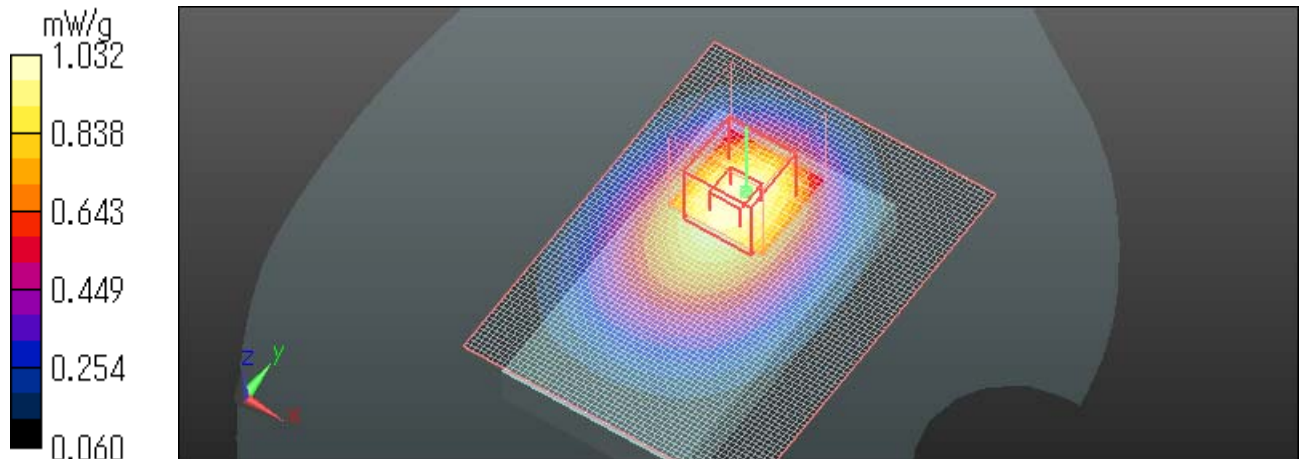
Peak SAR (extrapolated) = 1.200 W/kg

SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.589 mW/g

Maximum value of SAR (measured) = 1.032 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



iii) **PCS1900 Head**

GT-5360L_PCS1900_GSM_1880.0MHz_Left_Cheek

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.781 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.597 V/m; Power Drift = -0.12dB

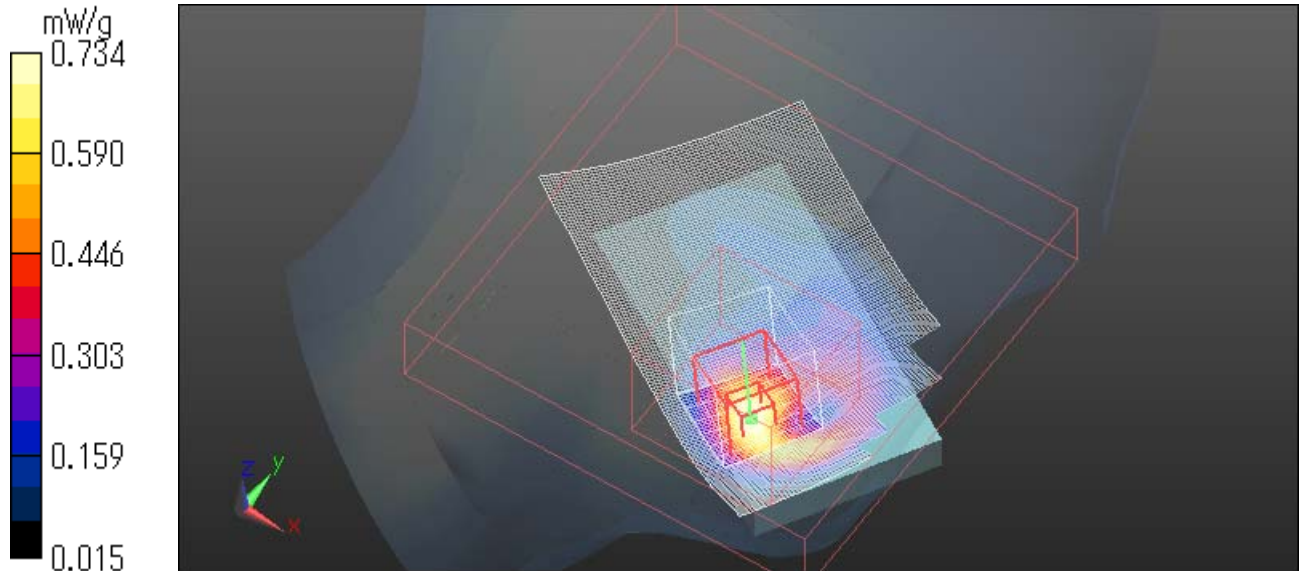
Peak SAR (extrapolated) = 0.942 W/kg

SAR(1 g) = 0.526 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.734 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_PCS1900_GSM_1880.0MHz_Left_Tilt

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³
Phantom section: Left Section
Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16
Sensor-Surface: 2mm (Mechanical Surface Detection)
Electronics: DAE4 Sn509; Calibrated: 2011/07/20
Phantom: SAM with CRP; Type: SAM;
Measurement SW: DASYS2, Version 52.6 (1);

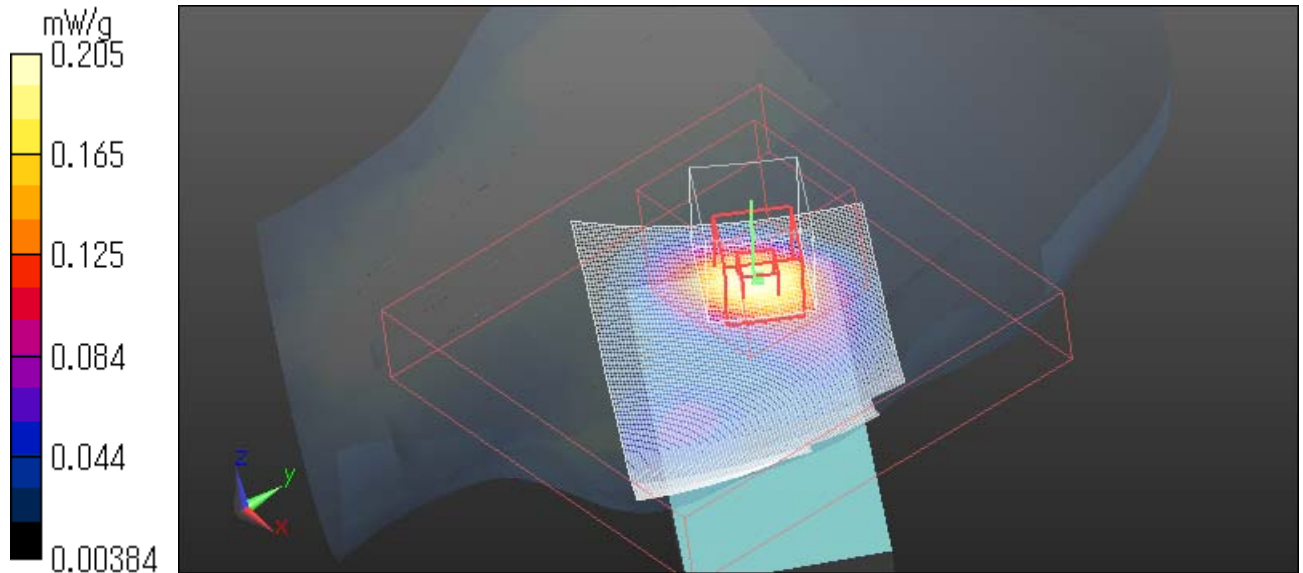
Left-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.926 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.205 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_PCS1900_GSM_1880.0MHz_Right_Cheek

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Right-Hand-Side HSL/Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.563 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.611 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.563 V/m; Power Drift = 0.12 dB

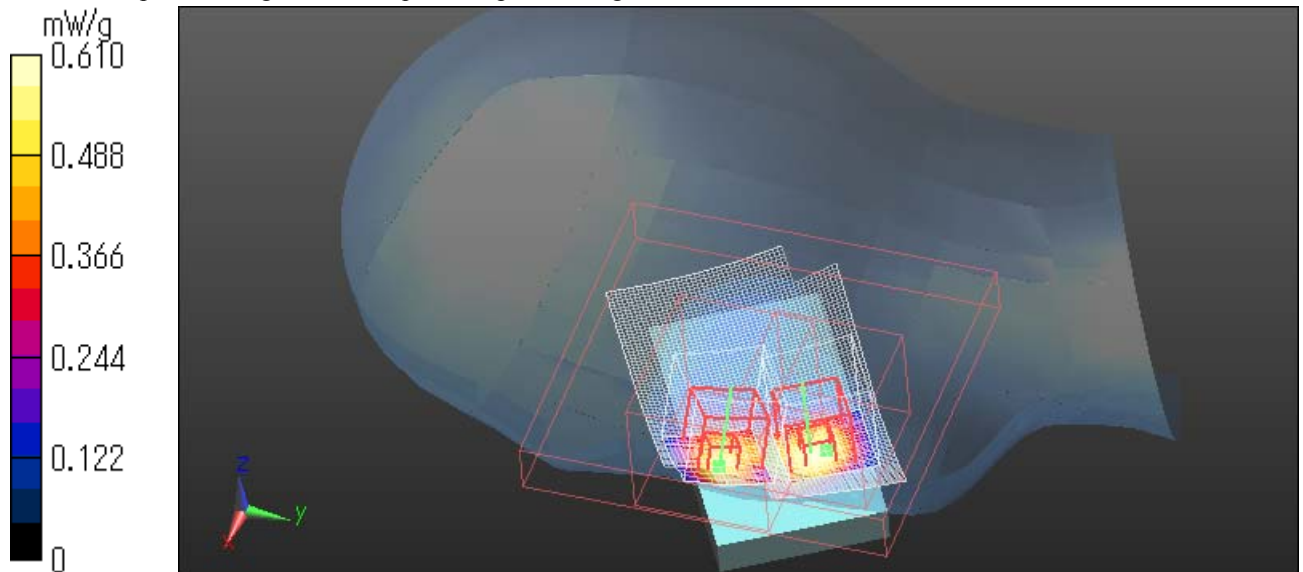
Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.558 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_PCS1900_GSM_1880.0MHz_Right_Tilt

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Right-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.256 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.664 V/m; Power Drift = -0.10 dB

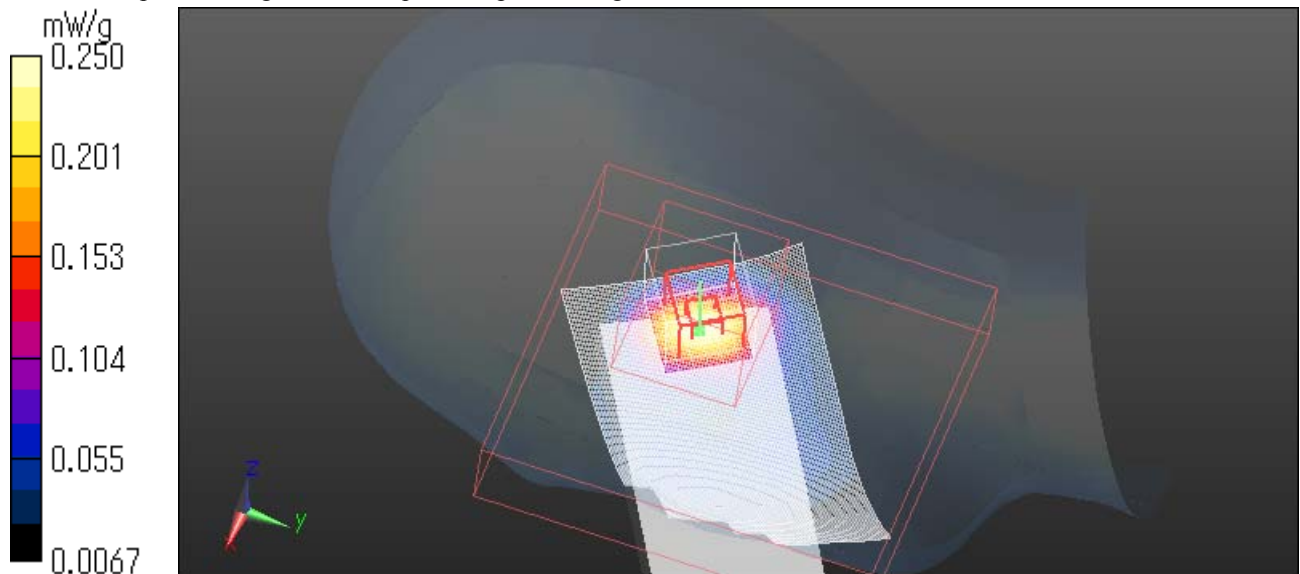
Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.111 mW/g

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

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_PCS1900_GPRS 2slots(VOIP)_1880.0MHz_Left_Cheek

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.060 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.872 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.304 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 1.001 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.872 V/m; Power Drift = -0.03 dB

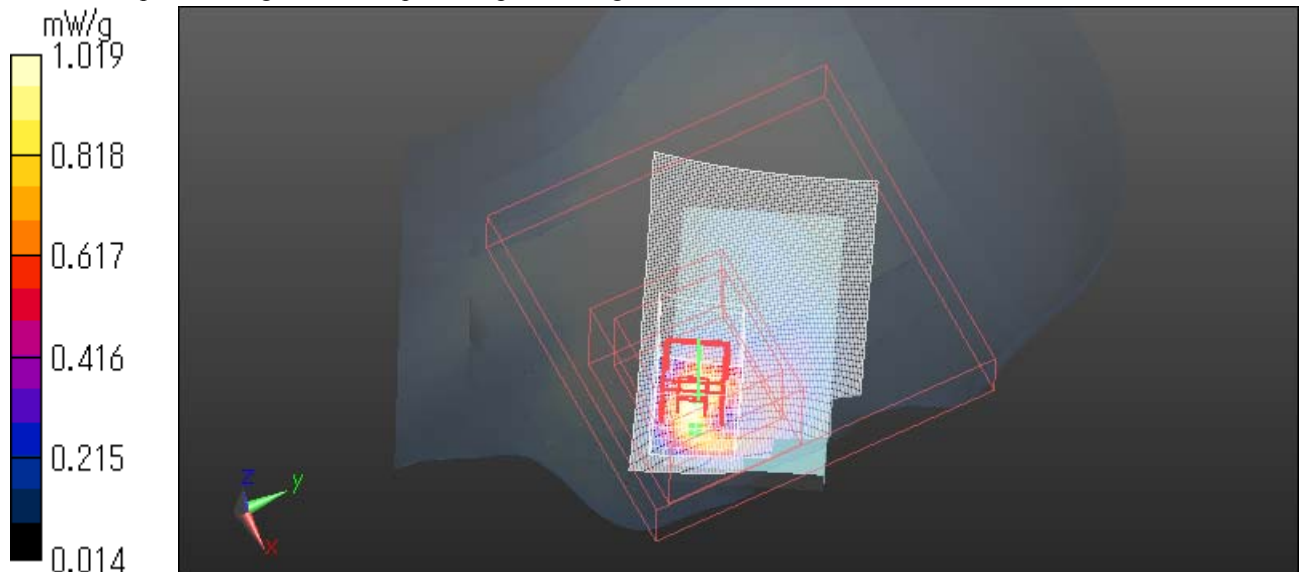
Peak SAR (extrapolated) = 1.322 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.369 mW/g

Maximum value of SAR (measured) = 1.019 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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Z Scan at Maximum HEAD SAR position in PCS1900 band

GT-5360L_PCS1900_GPRS 2slots(VOIP)_1880.0MHz_Left_Cheek

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.19952

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

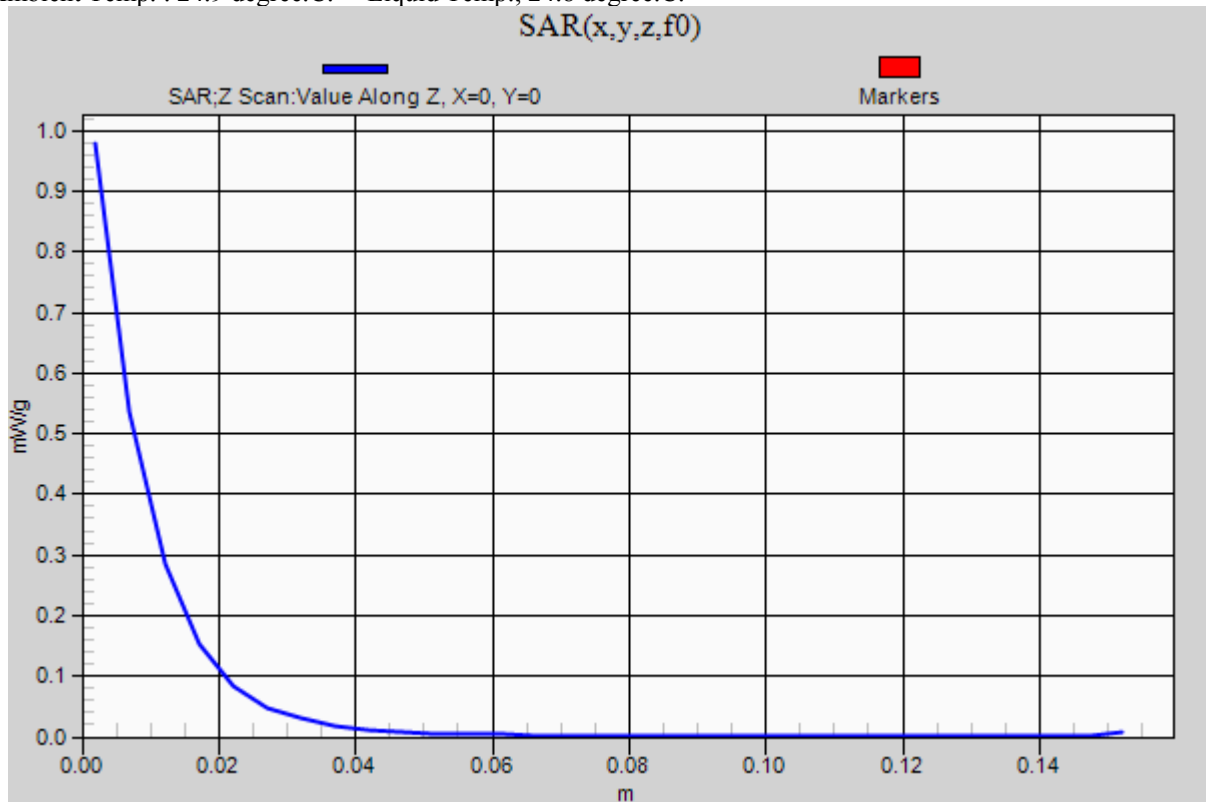
Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.978 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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iv) PCS1900 Body/Body-worn**GT-S5360L_PCS1900(GPRS)_2slots_1880MHz_Front_10mm**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 11.201 V/m; Power Drift = 0.04 dB

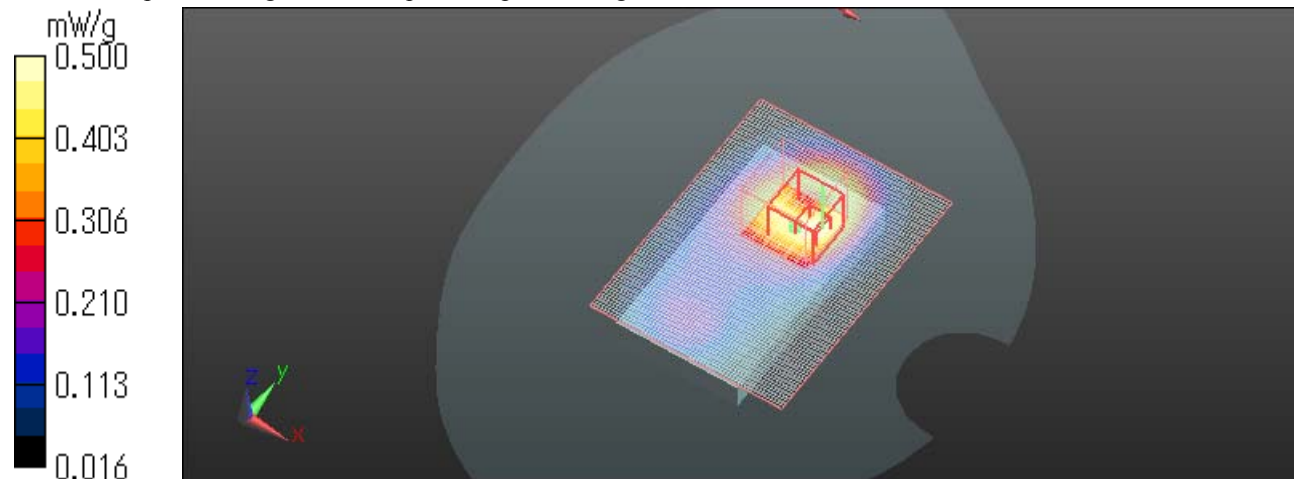
Peak SAR (extrapolated) = 0.634 W/kg

SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.500 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_PCS1900(GPRS)_2slots_1880MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.042 mW/g

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

Reference Value = 13.664 V/m; Power Drift = 0.09 dB

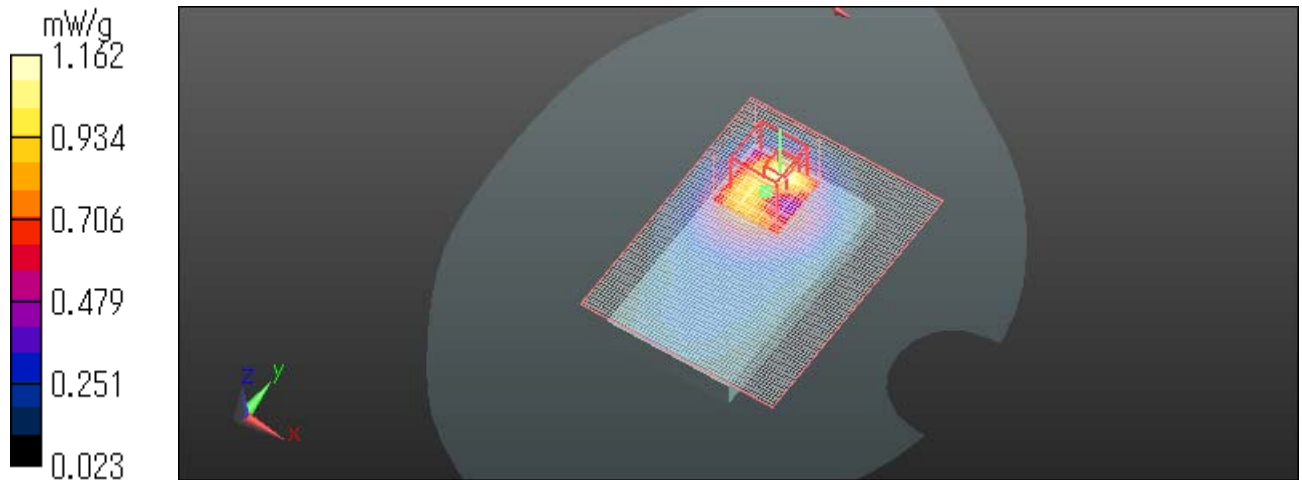
Peak SAR (extrapolated) = 1.426 W/kg

SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 1.162 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_PCS1900(GPRS)_2slots_1880MHz_Left edge_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

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

Reference Value = 7.689 V/m; Power Drift = -0.03 dB

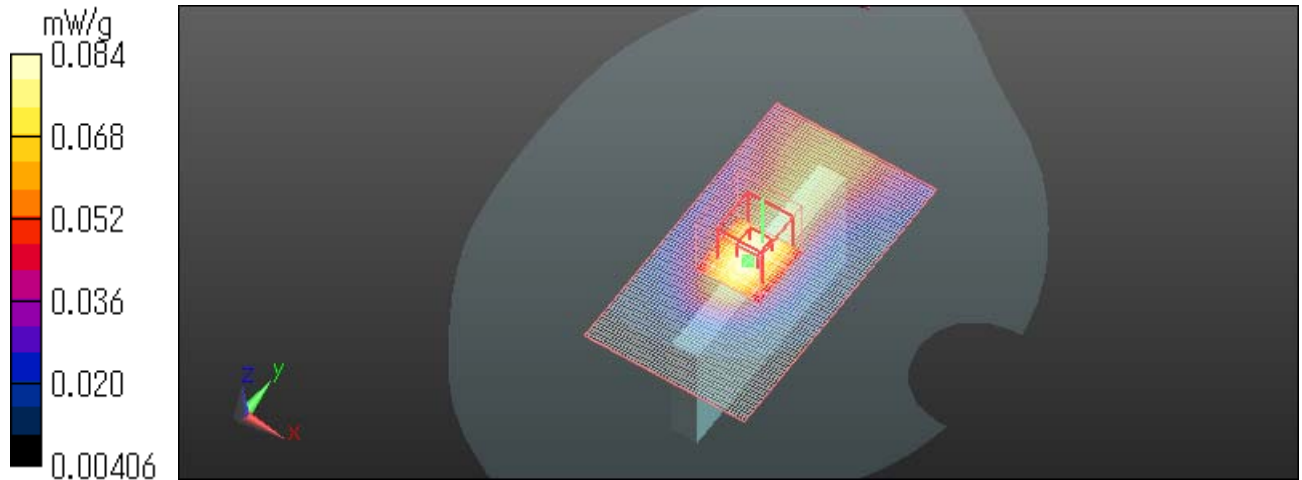
Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.040 mW/g

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

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



GT-S5360L_PCS1900(GPRS)_2slots_1880MHz_Right edge_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.988 V/m; Power Drift = 0.0031 dB

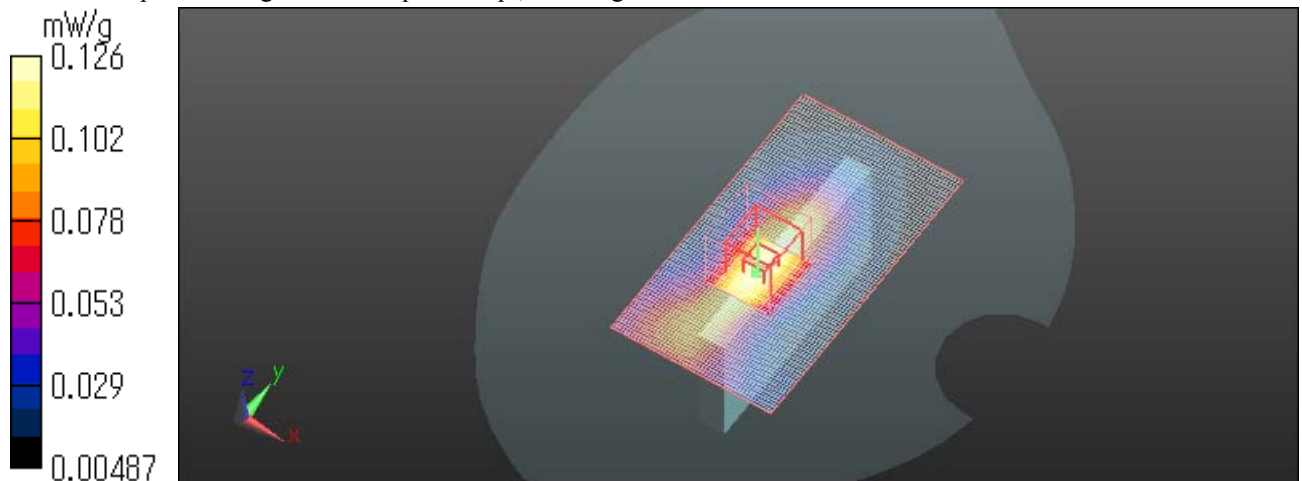
Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.126 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_PCS1900(GPRS)_2slots_1880MHz_Bottom edge_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 22.269 V/m; Power Drift = -0.0059 dB

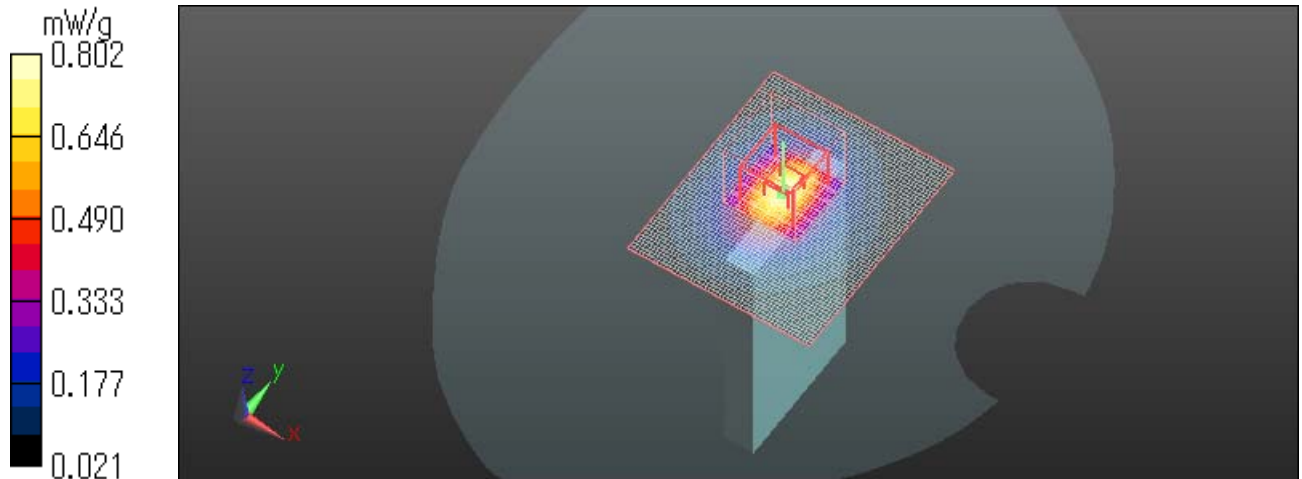
Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.326 mW/g

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

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_PCS1900(GSM)_1880.0MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:8.29851

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.850 mW/g

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

Reference Value = 11.739 V/m; Power Drift = 0.0098 dB

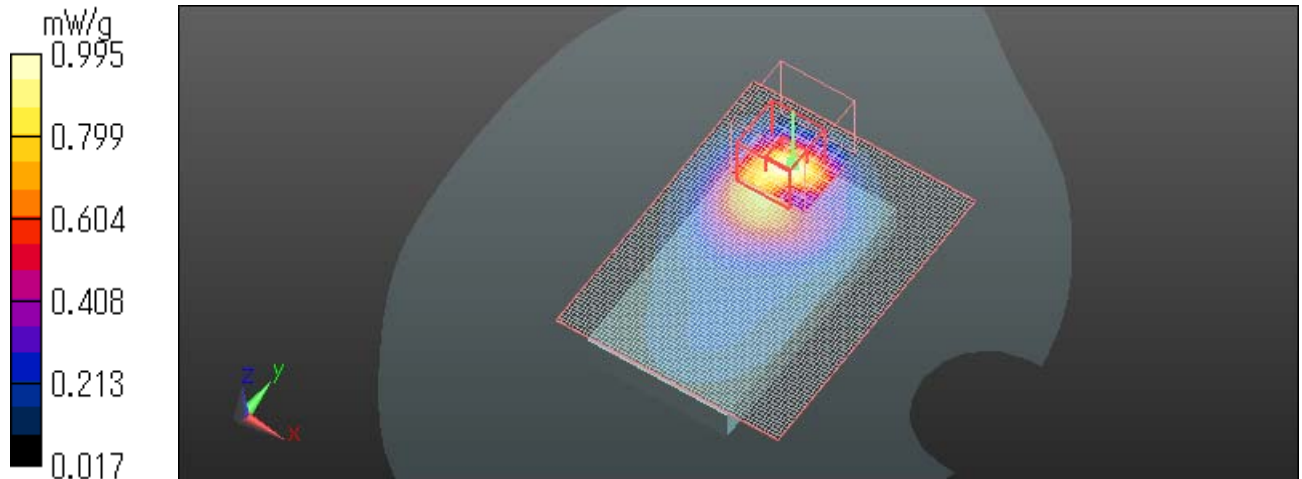
Peak SAR (extrapolated) = 1.269 W/kg

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.390 mW/g

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

Date: 2011/08/11

Ambient Temp. :24.5 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_PCS1900(GPRS)_2slots_1850.2MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.047 mW/g

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

Reference Value = 13.650 V/m; Power Drift = 0.0081 dB

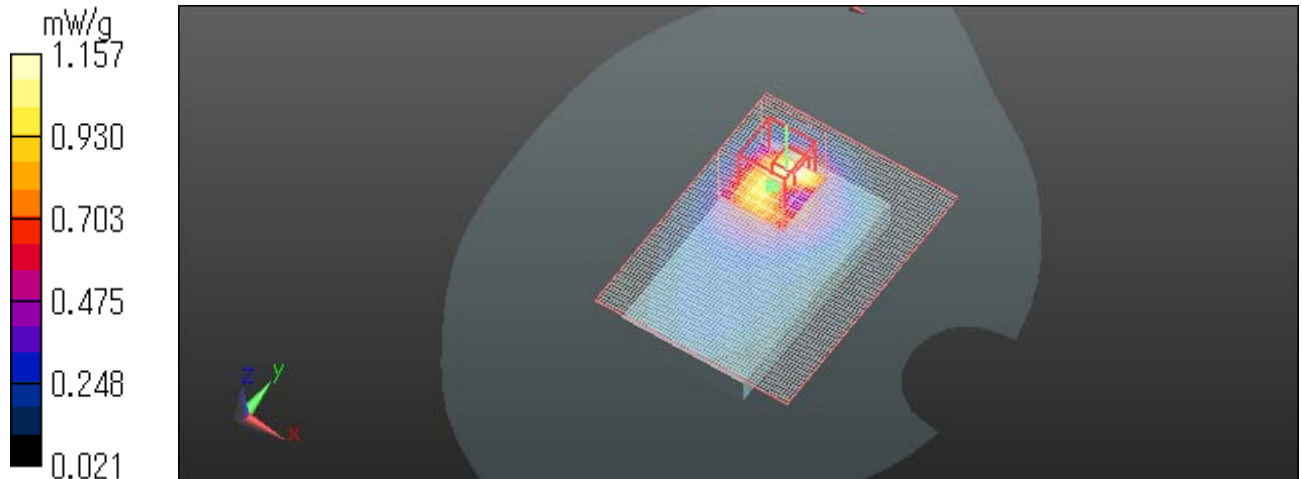
Peak SAR (extrapolated) = 1.446 W/kg

SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 1.157 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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Z Scan at Maximum Body SAR position in PCS1900 band

GT-S5360L_PCS1900(GPRS)_2slots_1850.2MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 0mm (Fix Surface)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

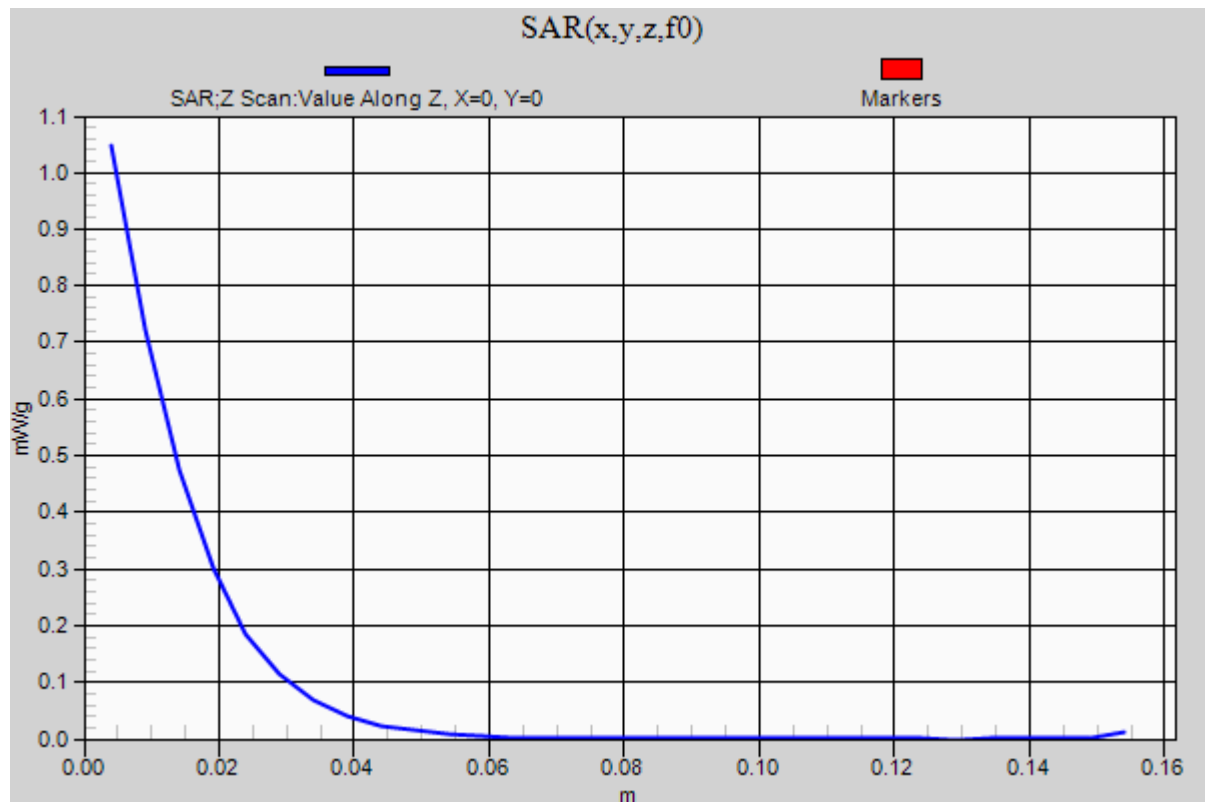
Measurement SW: DASYS52, Version 52.6 (1);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.053 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_PCS1900(GPRS)_2slots_1909.8MHz_Back_10mm

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:4.2

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 13.628 V/m; Power Drift = -0.04 dB

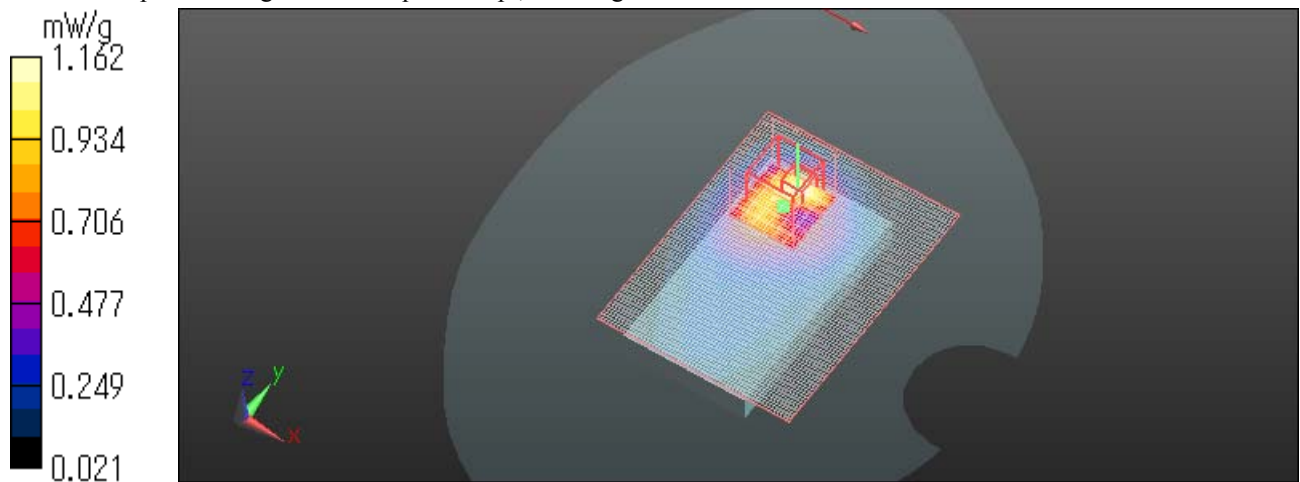
Peak SAR (extrapolated) = 1.430 W/kg

SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 1.162 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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v) **WCDMA Band V**

GT-5360L_WCDMA band V_12.2k RMC_836.6MHz_Left_Cheek

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.584 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.532 V/m; Power Drift = 0.16 dB

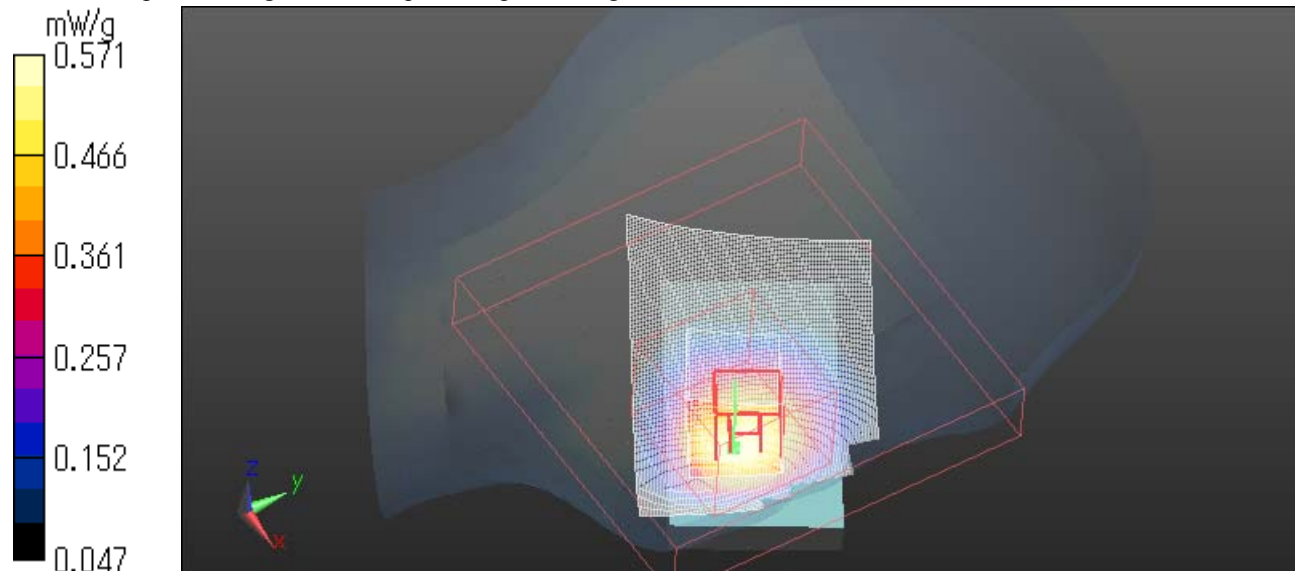
Peak SAR (extrapolated) = 0.643 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.571 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7degree.C.



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Z Scan at Maximum HEAD SAR position in WCDMA band V

GT-5360L_WCDMA band V_12.2k RMC_836.6MHz_Left_Cheek

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

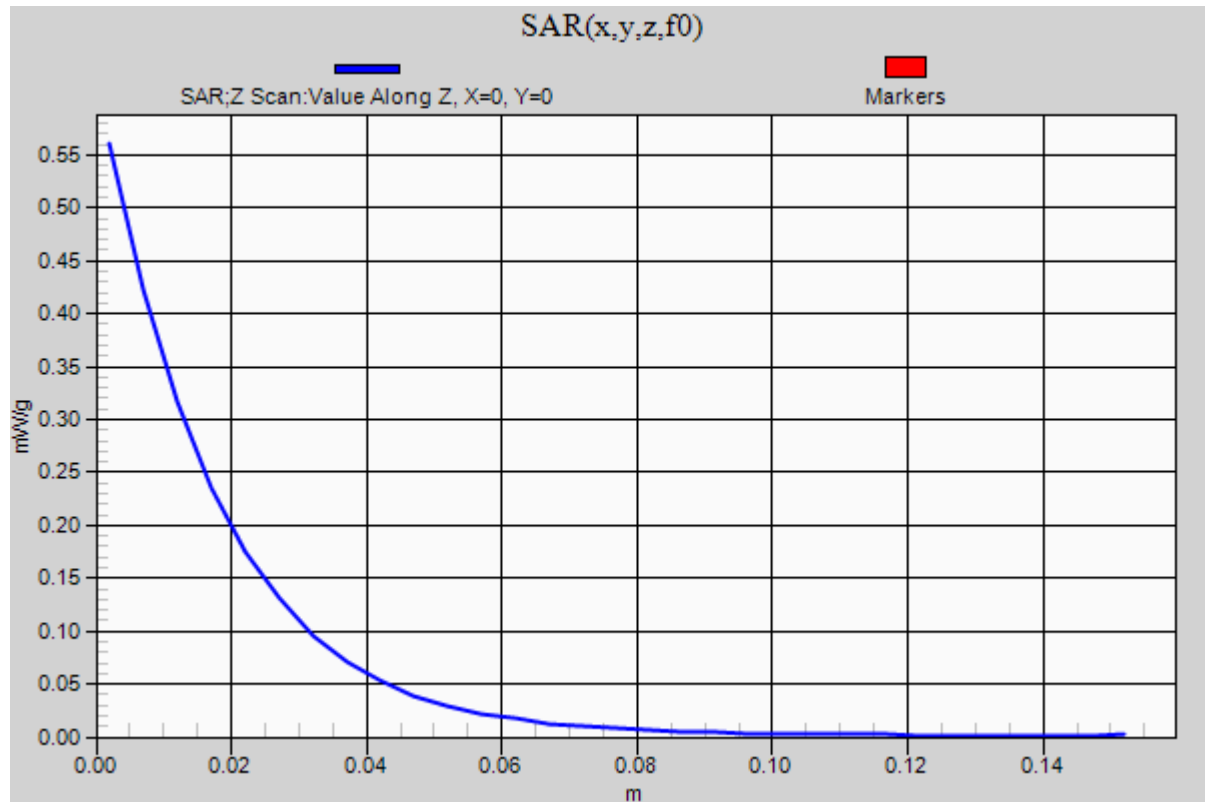
Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Z Scan (1x1x31): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Maximum value of SAR (measured) = 0.560 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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GT-5360L_WCDMA band V _ 12.2k RMC_836.6MHz_Left_Tilt

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.238 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.770 V/m; Power Drift = -0.01 dB

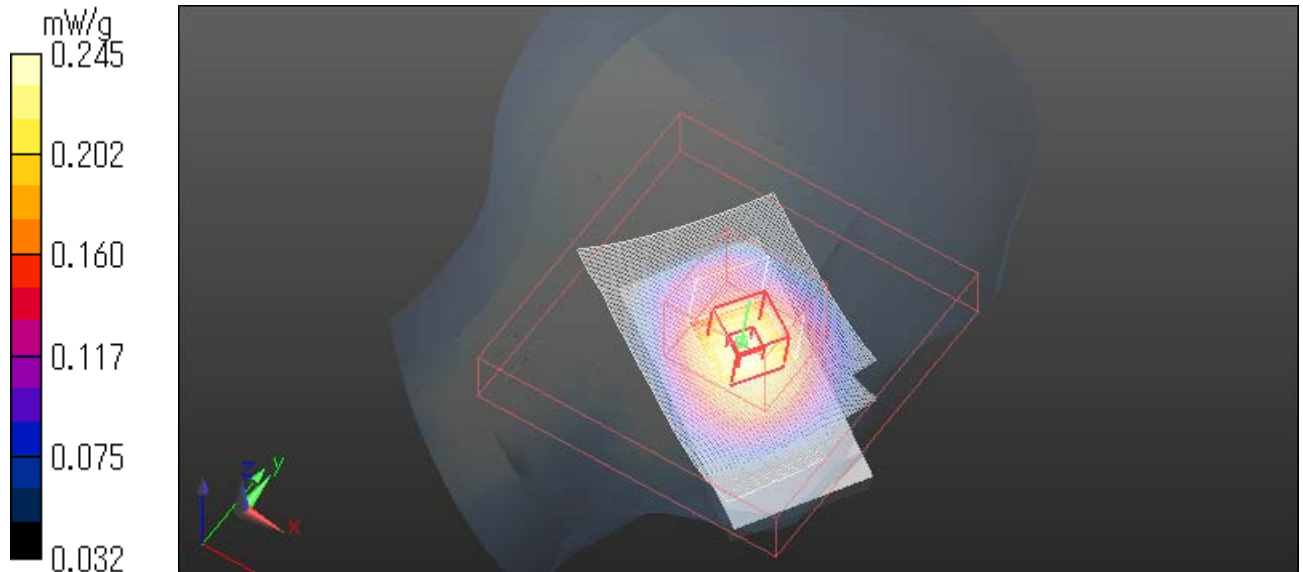
Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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GT-5360L_WCDMA band V _ 12.2k RMC_836.6MHz_Right_Cheek

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Right-Hand-Side HSL/Touch Position - Mid/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.653 V/m; Power Drift = 0.15 dB

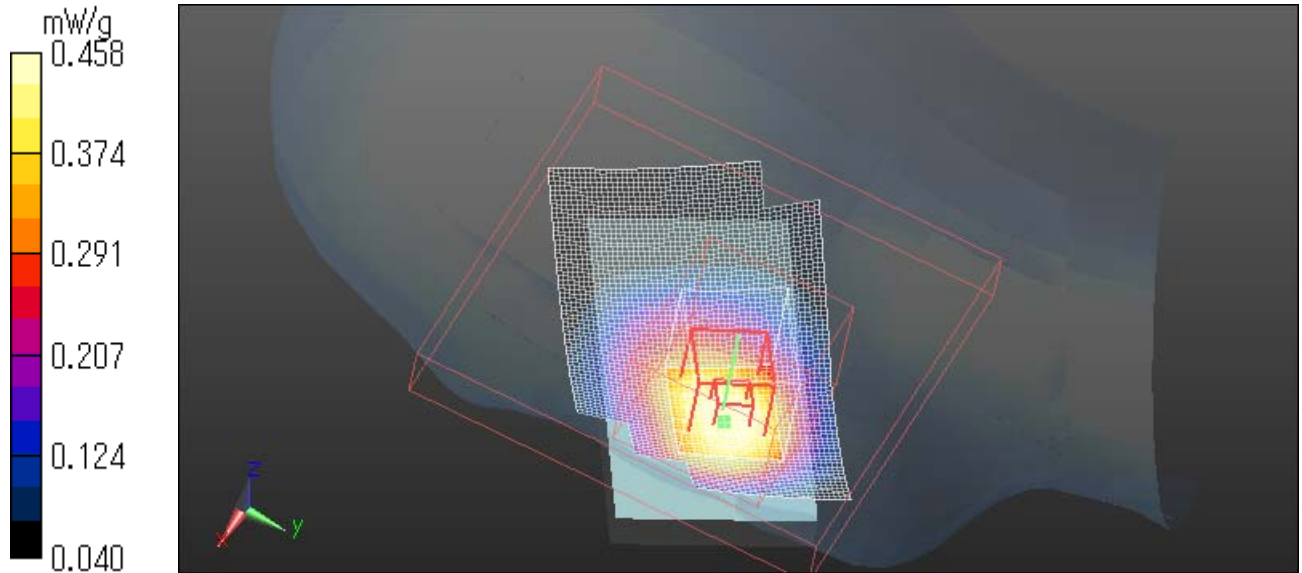
Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 0.458 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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GT-5360L_WCDMA band V _ 12.2k RMC_836.6MHz_Right_Tilt

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 41.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.35, 10.35, 10.35); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Right-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.058 V/m; Power Drift = 0.06 dB

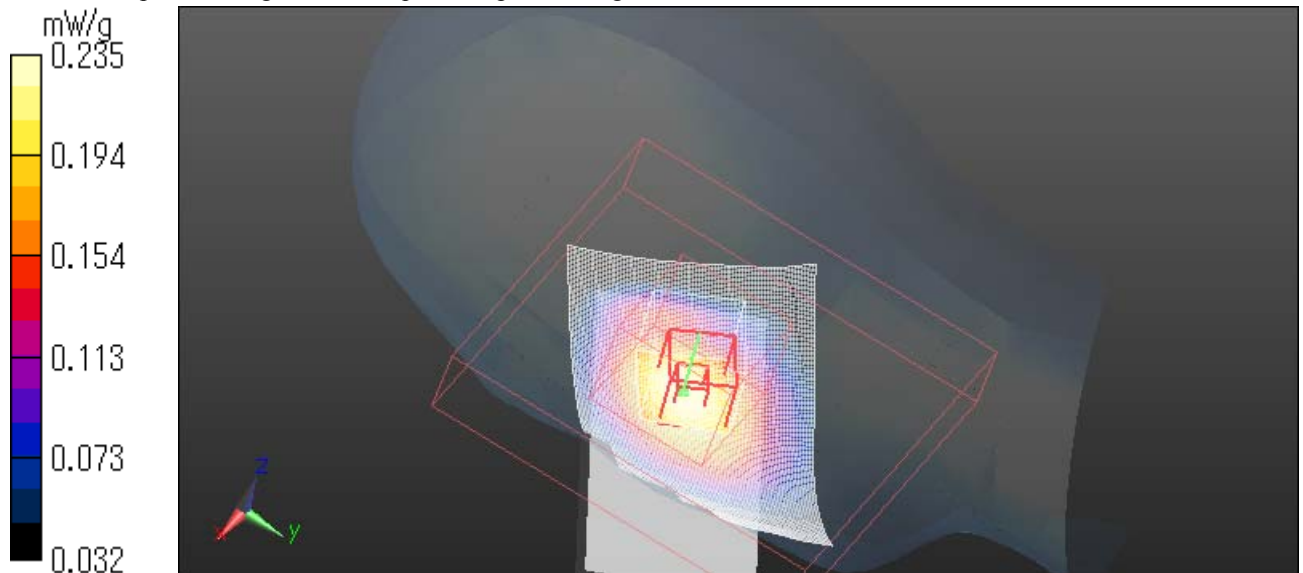
Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.235 mW/g

Date: 2011/08/09

Ambient Temp. : 24.7 degree.C. Liquid Temp.; 24.7 degree.C.



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vi) WCDMA Band V Body/Body-worn

GT-S5360L_WCDMA V_836.6MHz_Front_10mm

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.450 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.978 V/m; Power Drift = -0.12 dB

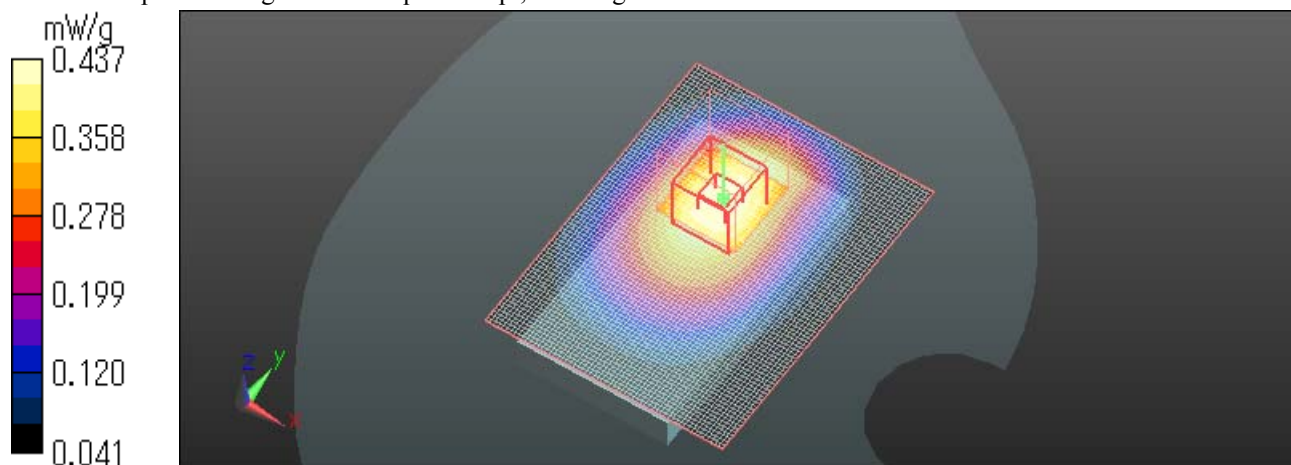
Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.266 mW/g

Maximum value of SAR (measured) = 0.437 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360L_WCDMA V_836.6MHz_Back_10mm

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.714 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.939 V/m; Power Drift = -0.21 dB

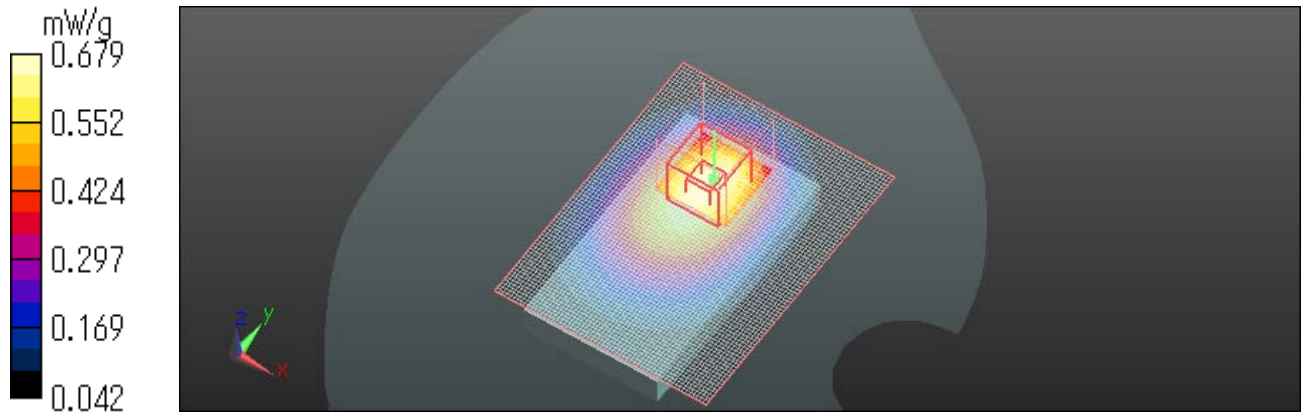
Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.390 mW/g

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

Date: 2011/08/12

Ambient Temp. : 24.8degree.C. Liquid Temp.; 24.5 degree.C.



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Z Scan at Maximum Body SAR position in WCDMA band V

GT-S5360L_WCDMA V_836.6MHz_Back_10mm

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

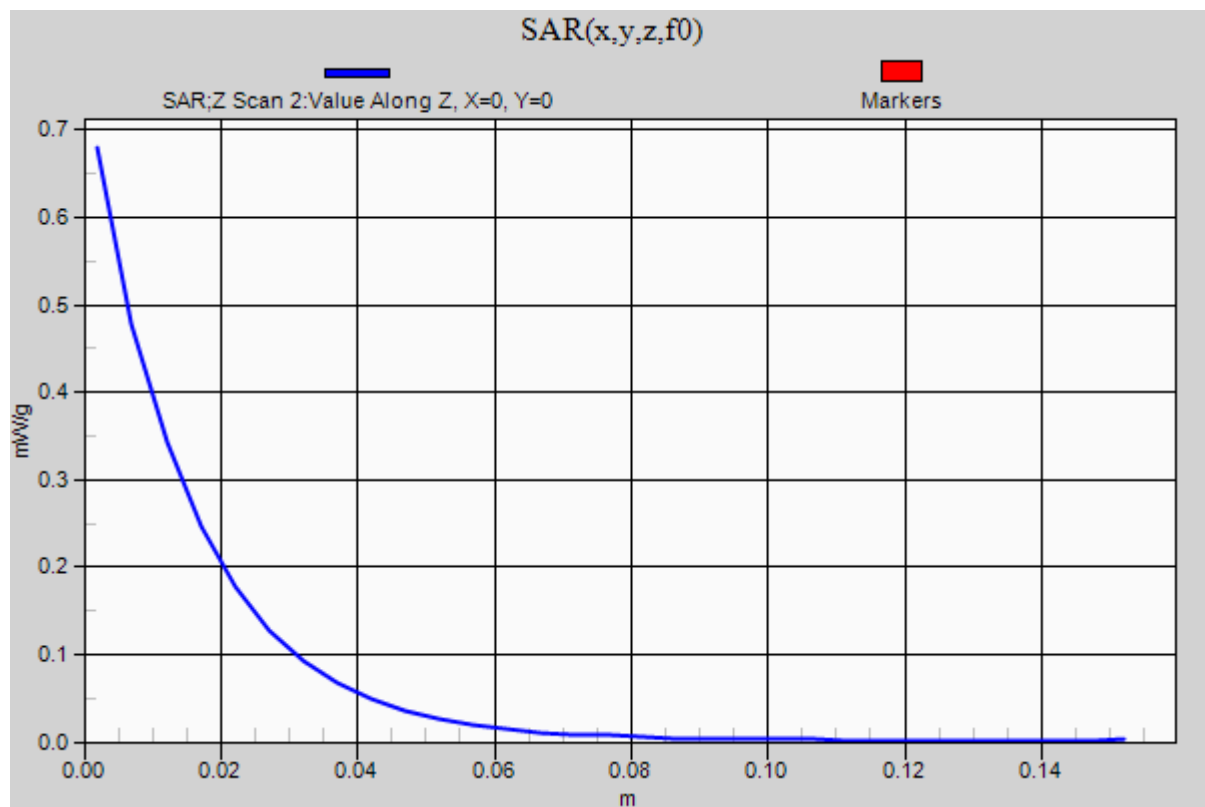
Measurement SW: DASYS2, Version 52.6 (1);

Z Scan 2 (1x1x31): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

Maximum value of SAR (measured) = 0.680 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_WCDMA V_836.6MHz_Left edge_10mm

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.197 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.857 V/m; Power Drift = -0.15 dB

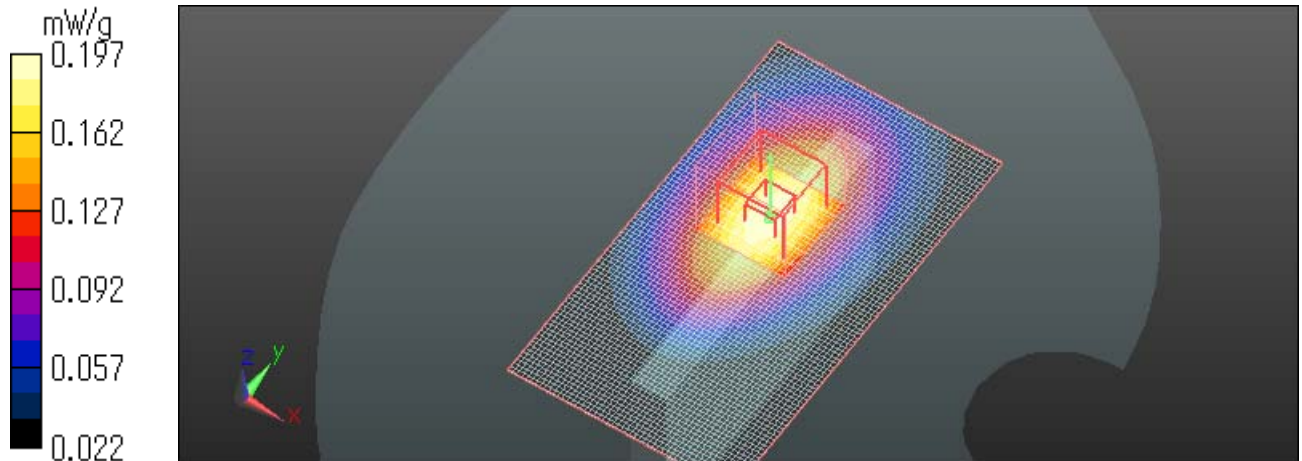
Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_WCDMA V_836.6MHz_Right edge_10mm

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.336 V/m; Power Drift = 0.11 dB

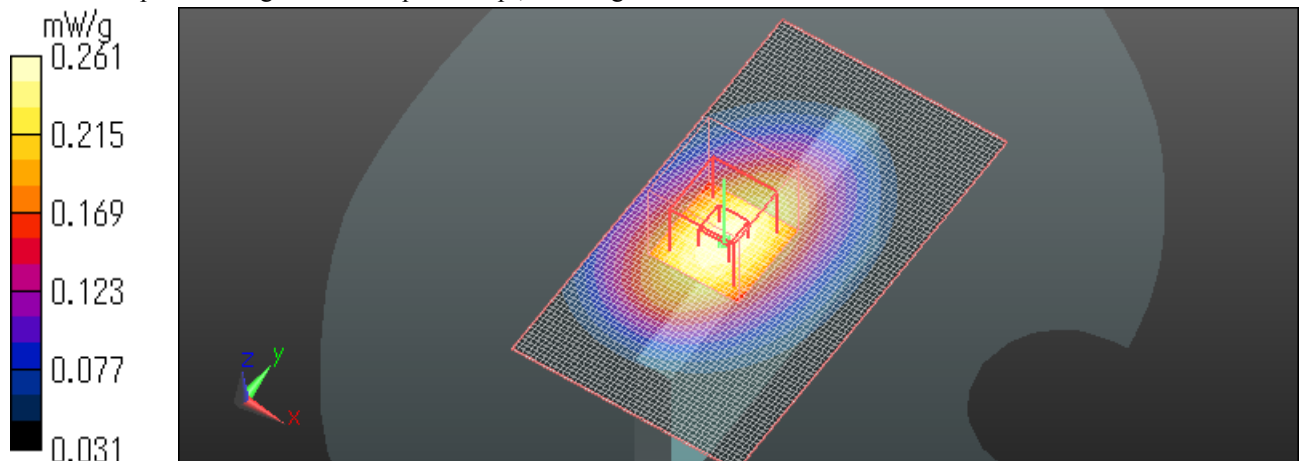
Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.150 mW/g

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

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-S5360L_WCDMA V_836.6MHz_Bottom edge_10mm

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(10.49, 10.49, 10.49); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (51x61x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.124 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.356 V/m; Power Drift = 0.14 dB

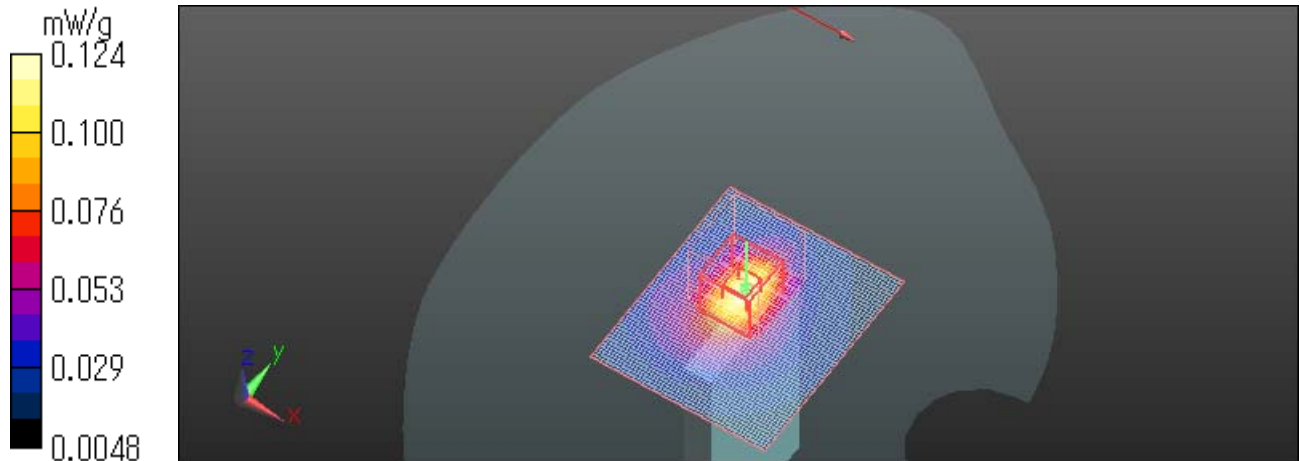
Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.050 mW/g

Maximum value of SAR (measured) = 0.124 mW/g

Date: 2011/08/12

Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



WCDMA Band II

GT-5360L_WCDMA II_1880MHz_Left_Cheek

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.333 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.446 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.743 W/kg

SAR(1 g) = 0.964 mW/g; SAR(10 g) = 0.490 mW/g

Maximum value of SAR (measured) = 1.322 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (9x11x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.446 V/m; Power Drift = -0.12 dB

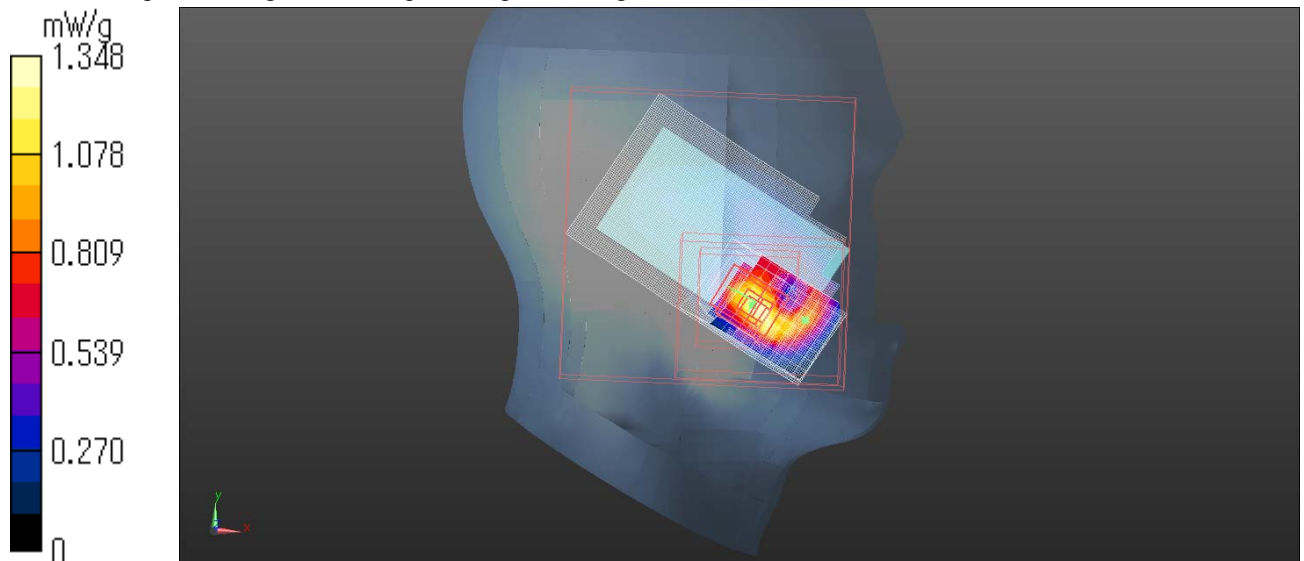
Peak SAR (extrapolated) = 1.768 W/kg

SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.510 mW/g

Maximum value of SAR (measured) = 1.348 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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Z Scan at Maximum HEAD SAR position in WCDMA band II

GT-5360L_WCDMA II_1880MHz_Left_Cheek

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

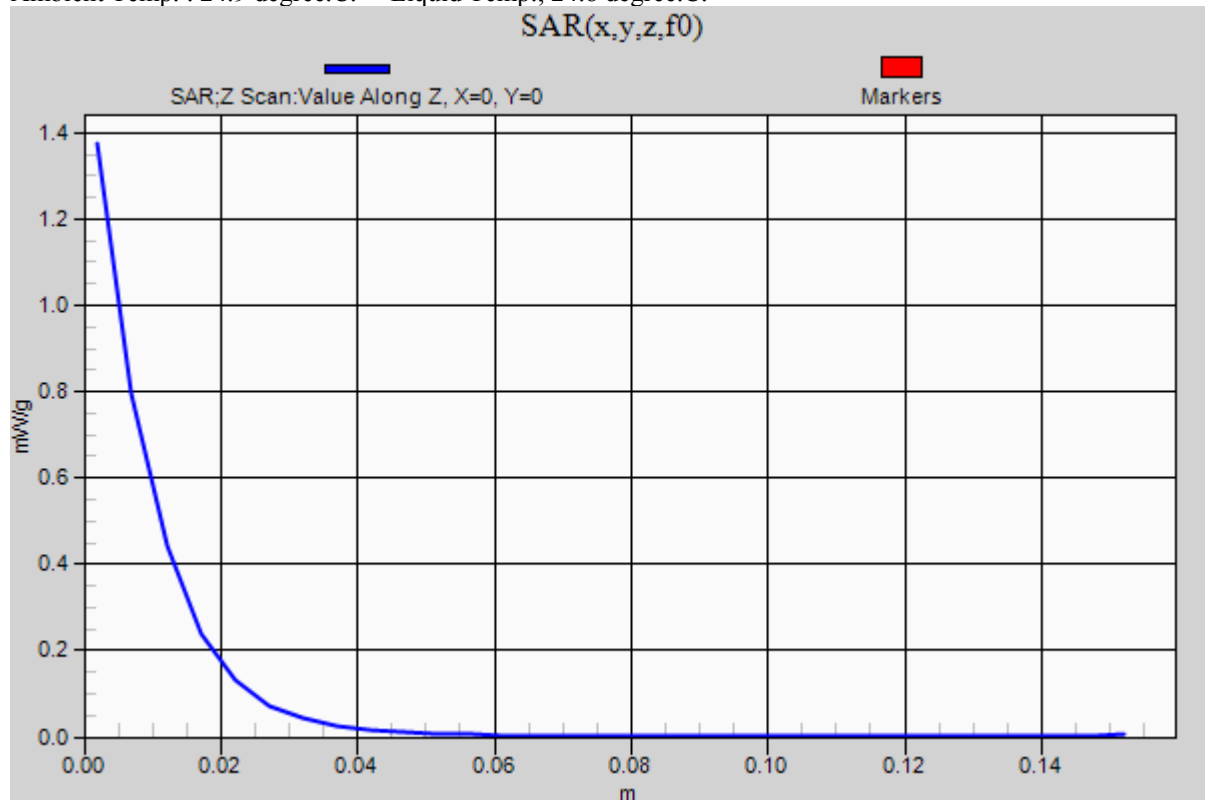
Measurement SW: DASY52, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Mid/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.374 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_WCDMA II_1880MHz_Left_Tilt

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.435 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.529 V/m; Power Drift = -0.19 dB

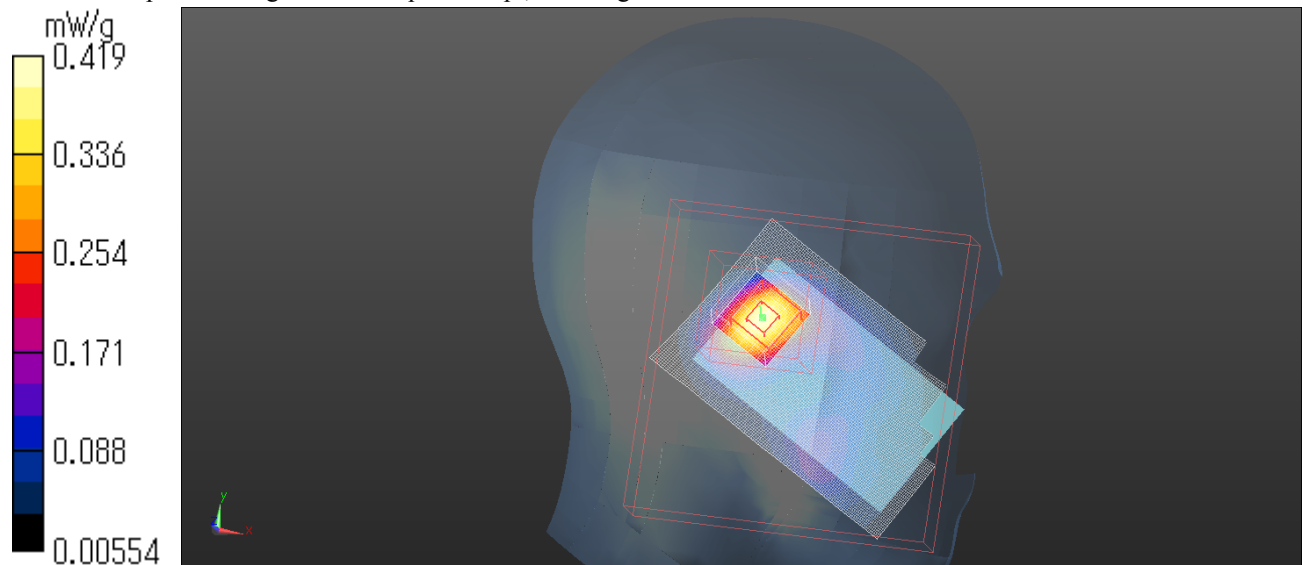
Peak SAR (extrapolated) = 0.518 W/kg

SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.419 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_WCDMA II_1880MHz_Right_Cheek

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Right-Hand-Side HSL/Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.963 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.131 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.140 W/kg

SAR(1 g) = 0.712 mW/g; SAR(10 g) = 0.400 mW/g

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

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.131 V/m; Power Drift = -0.14 dB

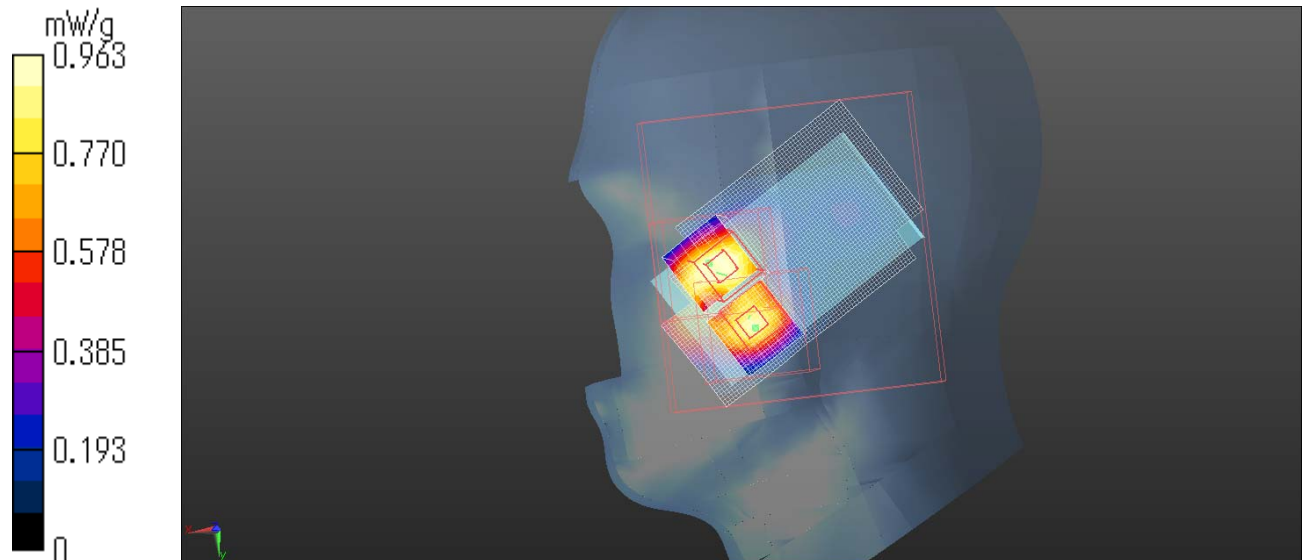
Peak SAR (extrapolated) = 1.364 W/kg

SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.435 mW/g

Maximum value of SAR (measured) = 1.072 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_WCDMA II_1880MHz_Right_Tilt

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Right-Hand-Side HSL/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.455 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.446 V/m; Power Drift = -0.06 dB

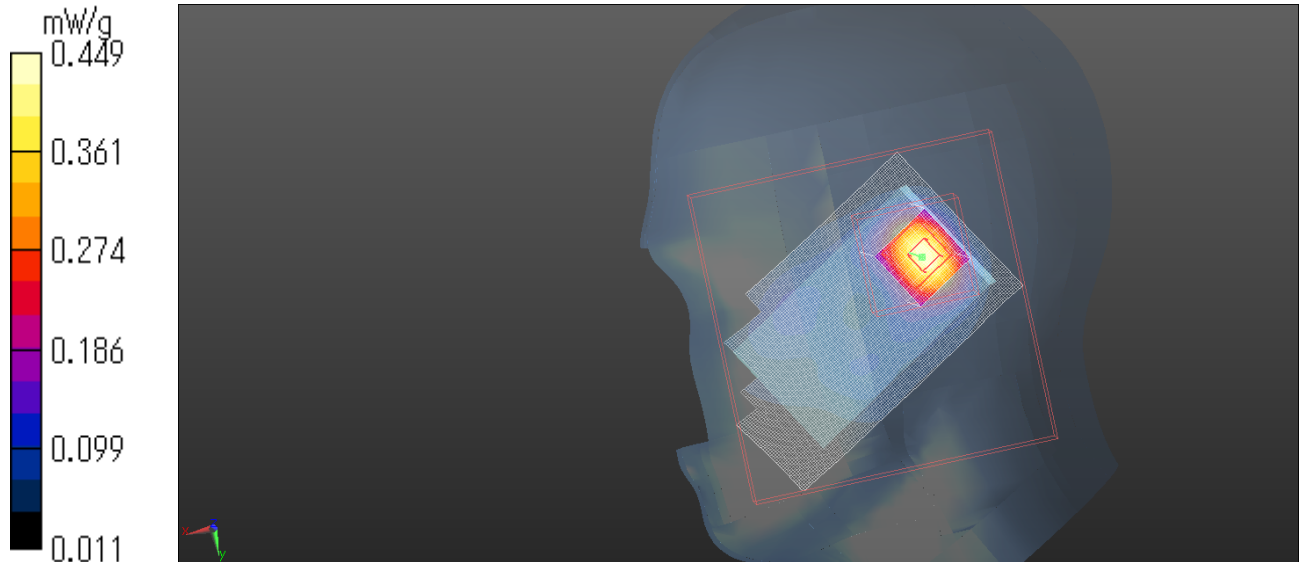
Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.193 mW/g

Maximum value of SAR (measured) = 0.449 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8degree.C.



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GT-5360L_WCDMA II_1852.4MHz_Left_Cheek

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Low/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.282 mW/g

Left-Hand-Side HSL/Touch Position - Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.729 V/m; Power Drift = 0.11 dB

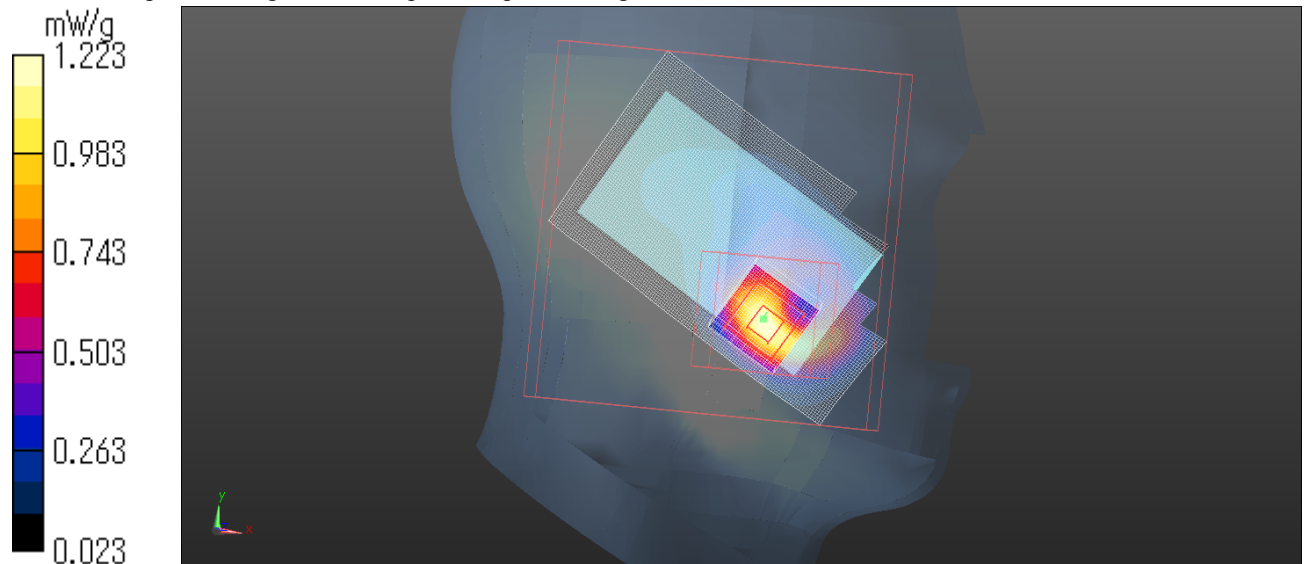
Peak SAR (extrapolated) = 1.580 W/kg

SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.450 mW/g

Maximum value of SAR (measured) = 1.223 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-5360L_WCDMA II_1907.6MHz_Left_Cheek

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.78, 8.78, 8.78); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Left-Hand-Side HSL/Touch Position - Hi/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.314 mW/g

Left-Hand-Side HSL/Touch Position - Hi/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.852 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.715 W/kg

SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 1.324 mW/g

Left-Hand-Side HSL/Touch Position - Hi/Zoom Scan 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.852 V/m; Power Drift = 0.10 dB

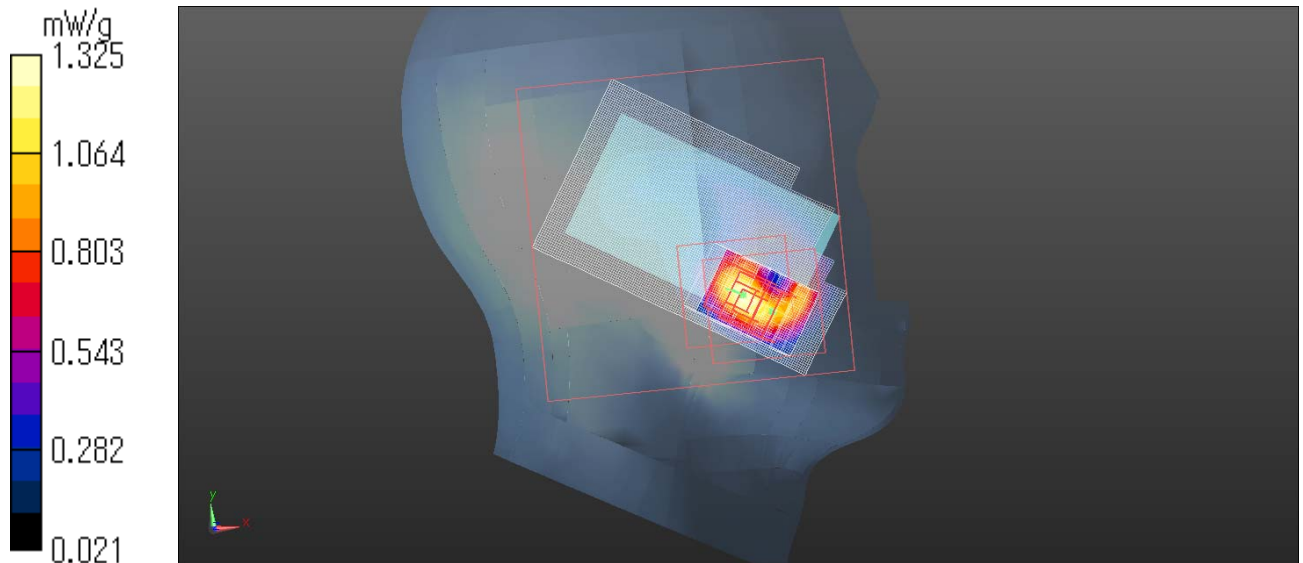
Peak SAR (extrapolated) = 1.682 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.446 mW/g

Maximum value of SAR (measured) = 1.325 mW/g

Date: 2011/08/10

Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



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vii) WCDMA Band II Body/Body-worn

GT-S5360L_WCDMA Band II_RMC 12.2k_1880MHz_Front_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.619 mW/g

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

Reference Value = 11.701 V/m; Power Drift = -0.001 dB

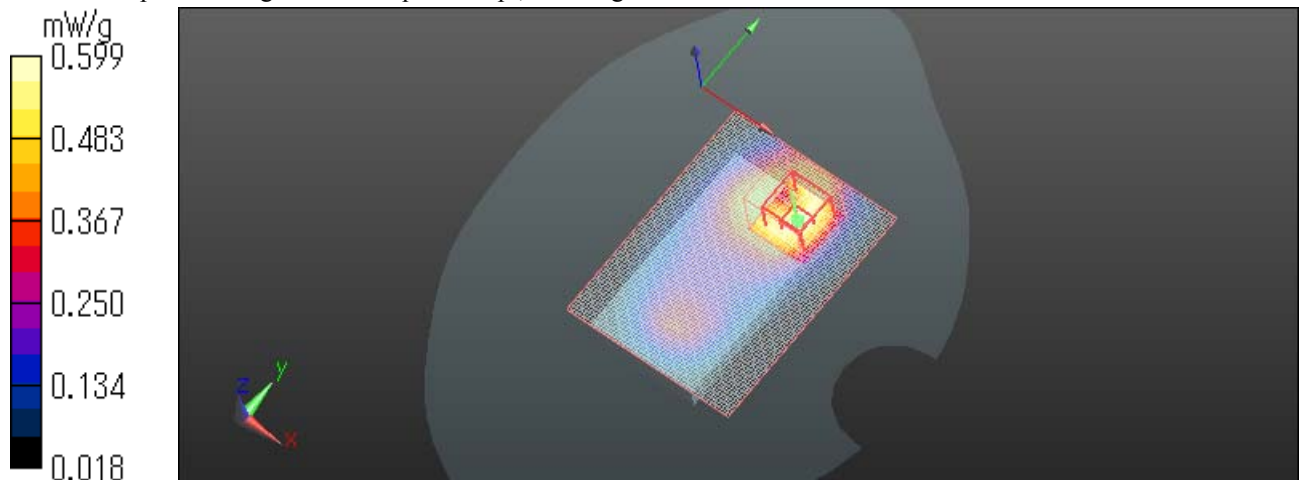
Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.258 mW/g

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

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_WCDMA Band II_RMC 12.2k_1880MHz_Rear_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.512 mW/g

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

Reference Value = 15.814 V/m; Power Drift = 0.16 dB

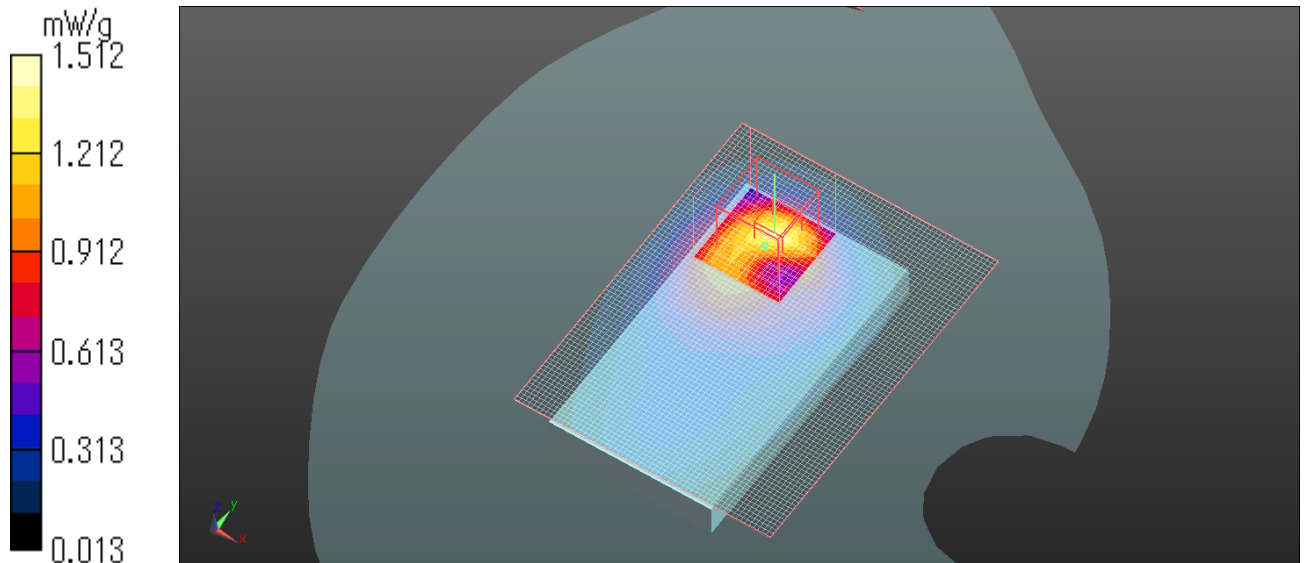
Peak SAR (extrapolated) = 1.728 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.571 mW/g

Maximum value of SAR (measured) = 1.423 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



Z Scan at Maximum BodySAR position in WCDMA band II

GT-S5360L_WCDMA Band II_RMC 12.2k_1880MHz_Back_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 0mm (Fix Surface)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

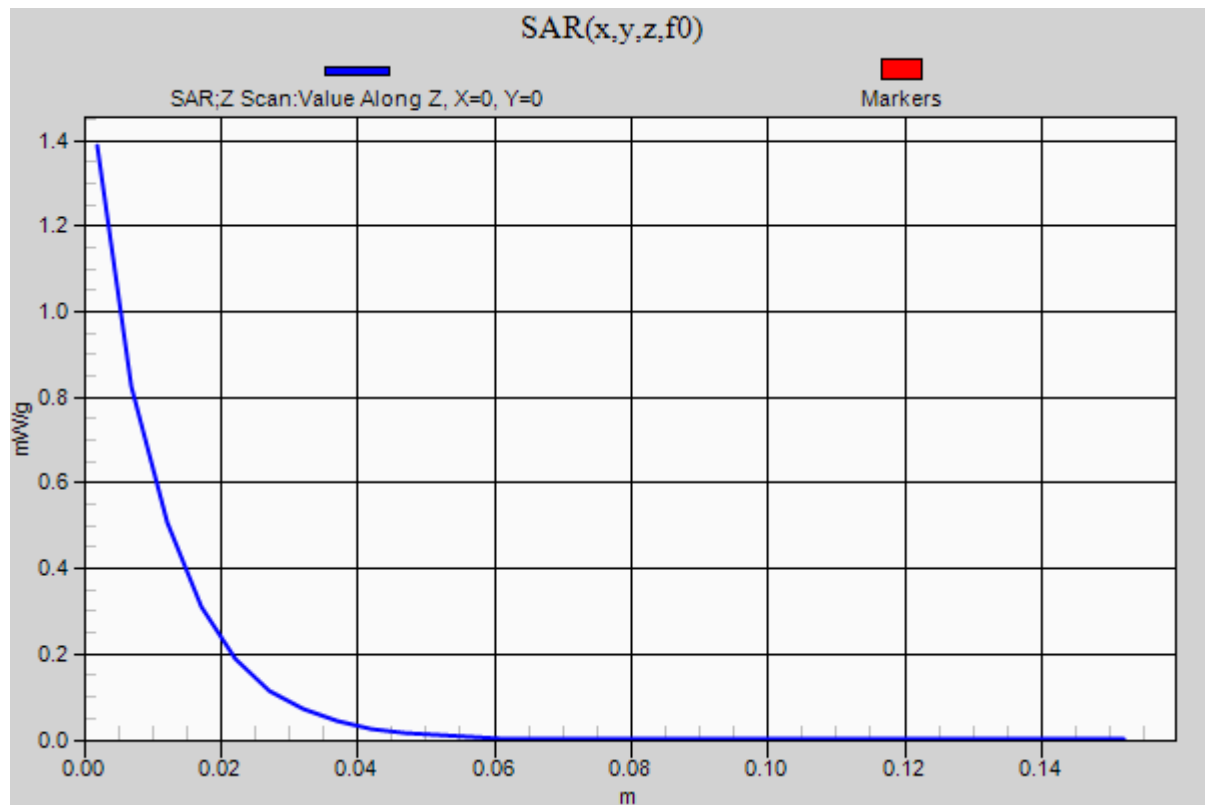
Measurement SW: DASYS2, Version 52.6 (1);

Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.398 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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Retest GT-S5360L_WCDMA Band II_RMC 12.2k_1880MHz_Left edge_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 11.470 V/m; Power Drift = 0.01 dB

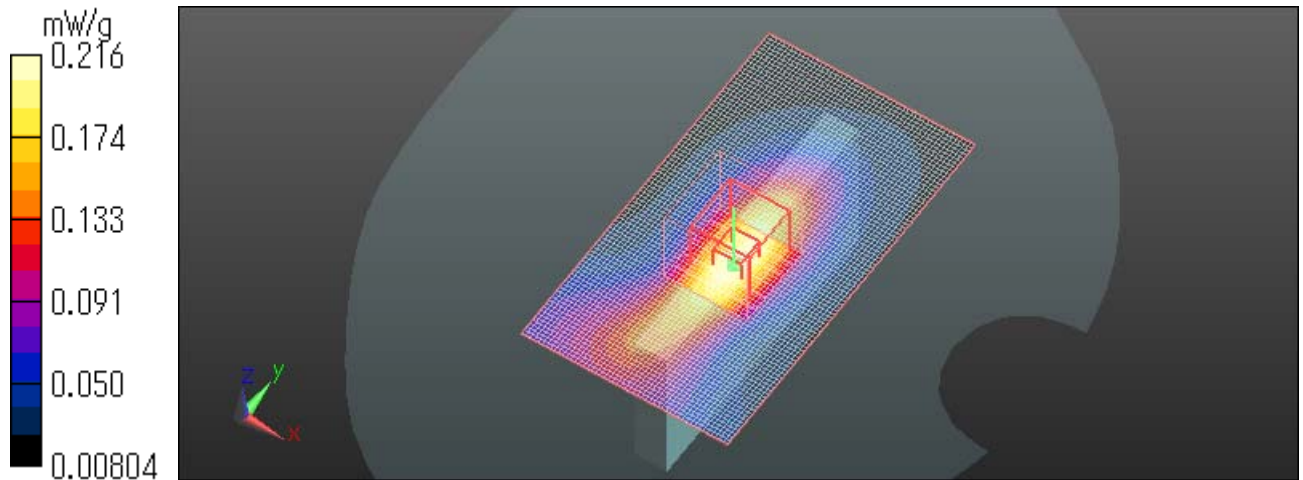
Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.098 mW/g

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

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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Retest GT-S5360L_WCDMA Band II_RMC 12.2k_1880MHz_Right edge_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.144 mW/g

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

Reference Value = 9.762 V/m; Power Drift = -0.06 dB

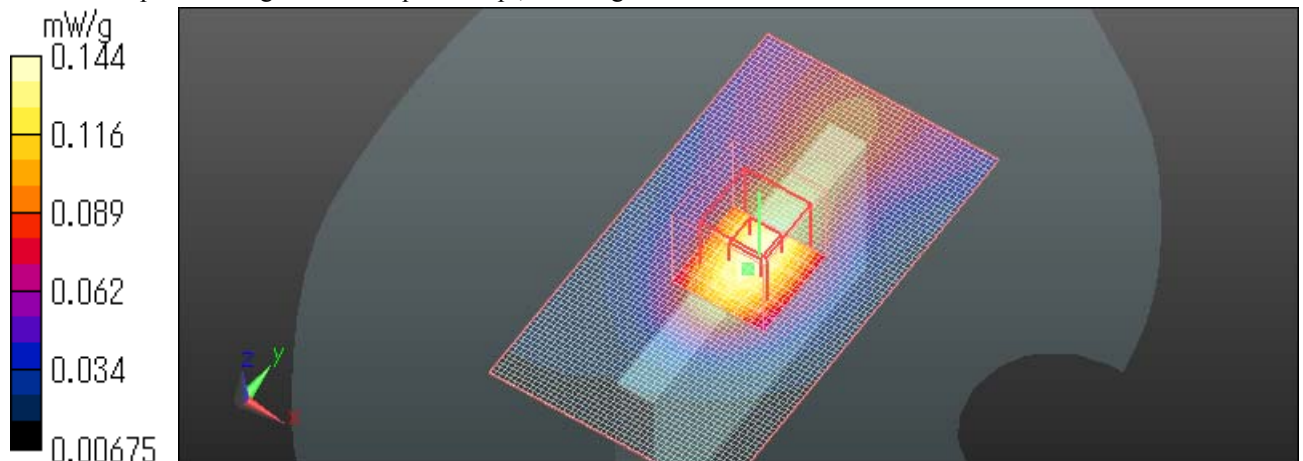
Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.144 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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REtest GT-S5360L_WCDMA Band II_RMC 12.2k_1880MHz_Bottom edge_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (51x61x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 22.267 V/m; Power Drift = -0.08 dB

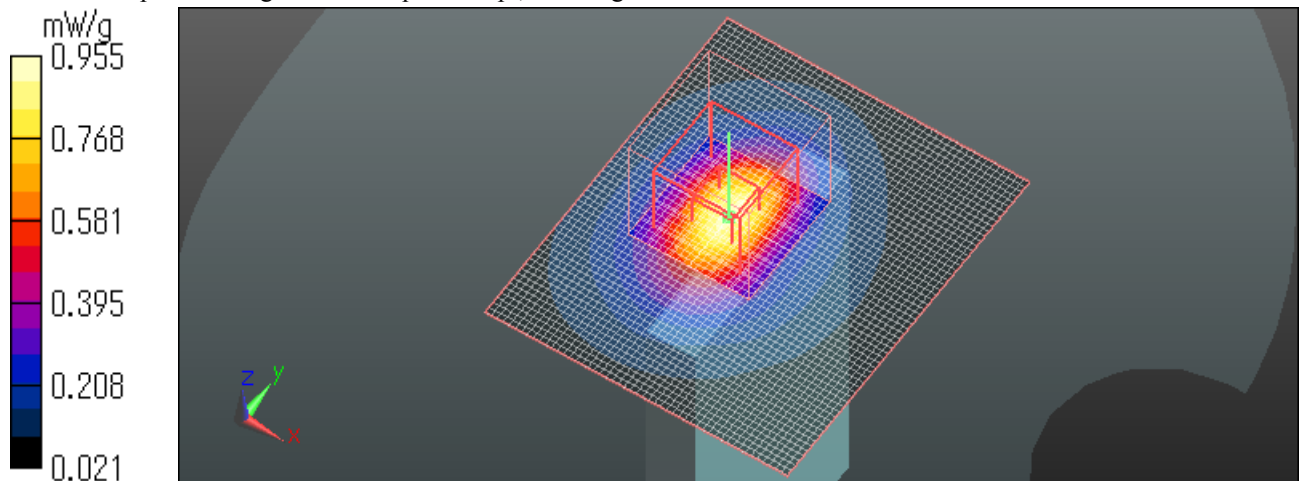
Peak SAR (extrapolated) = 1.159 W/kg

SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.375 mW/g

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

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_WCDMA Band II_RMC 12.2k_1852.4MHz_Back_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.163 mW/g

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

Reference Value = 14.552 V/m; Power Drift = 0.19 dB

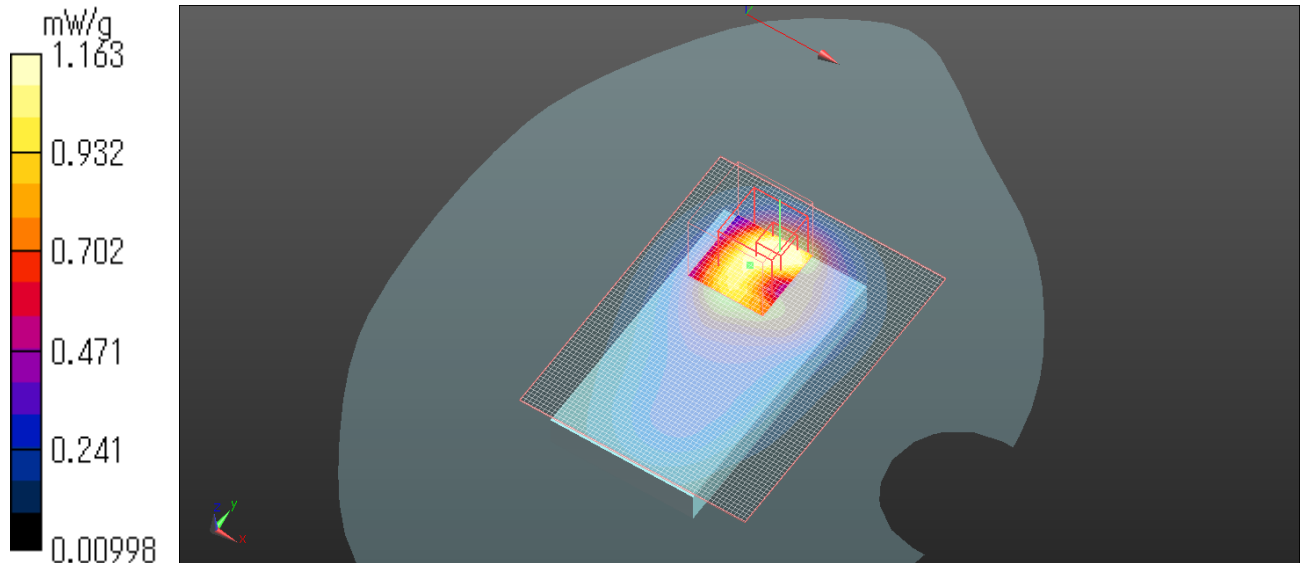
Peak SAR (extrapolated) = 1.627 W/kg

SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.538 mW/g

Maximum value of SAR (measured) = 1.340 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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GT-S5360L_WCDMA Band II_RMC 12.2k_1907.6MHz_Back_10mm

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration

Probe: EX3DV3 - SN3507; ConvF(8.09, 8.09, 8.09); Calibrated: 2011/03/16

Sensor-Surface: 2mm (Mechanical Surface Detection)

Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASYS2, Version 52.6 (1);

Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.340 mW/g

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

Reference Value = 13.432 V/m; Power Drift = 0.0098 dB

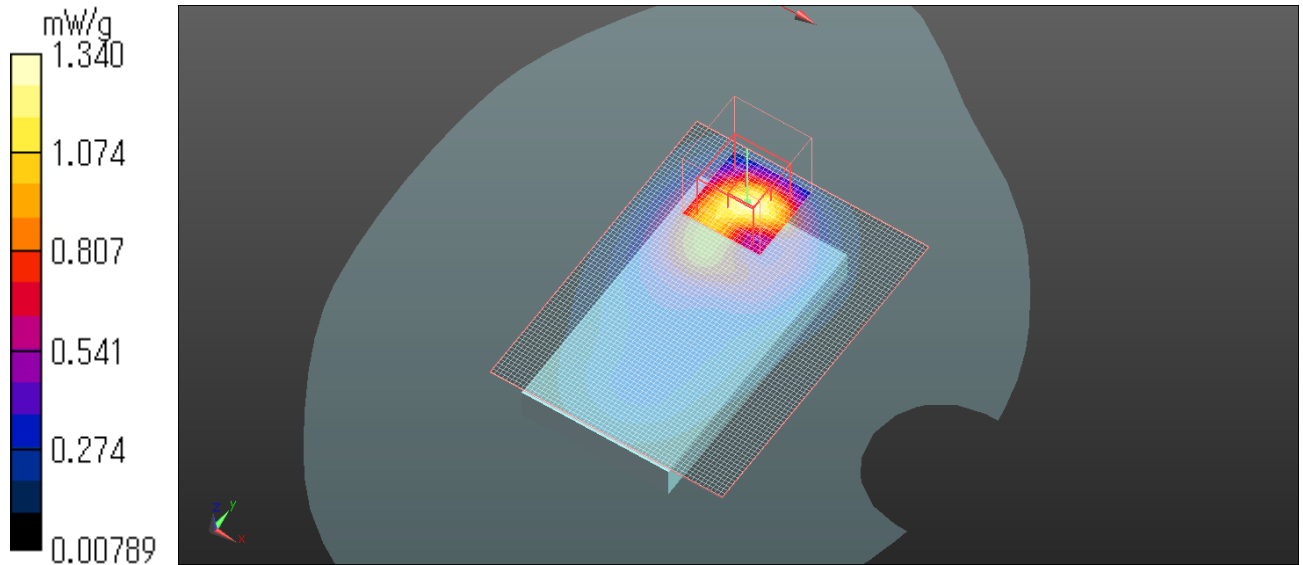
Peak SAR (extrapolated) = 1.635 W/kg

SAR(1 g) = 0.970 mW/g; SAR(10 g) = 0.531 mW/g

Maximum value of SAR (measured) = 1.335 mW/g

Date: 2011/08/11

Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



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