

APPENDIX 1 : 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. 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-6200L GSM850(GSM) Left Cheek 836.6MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.29851

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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 13.395 V/m; Power Drift = -0.18 dB

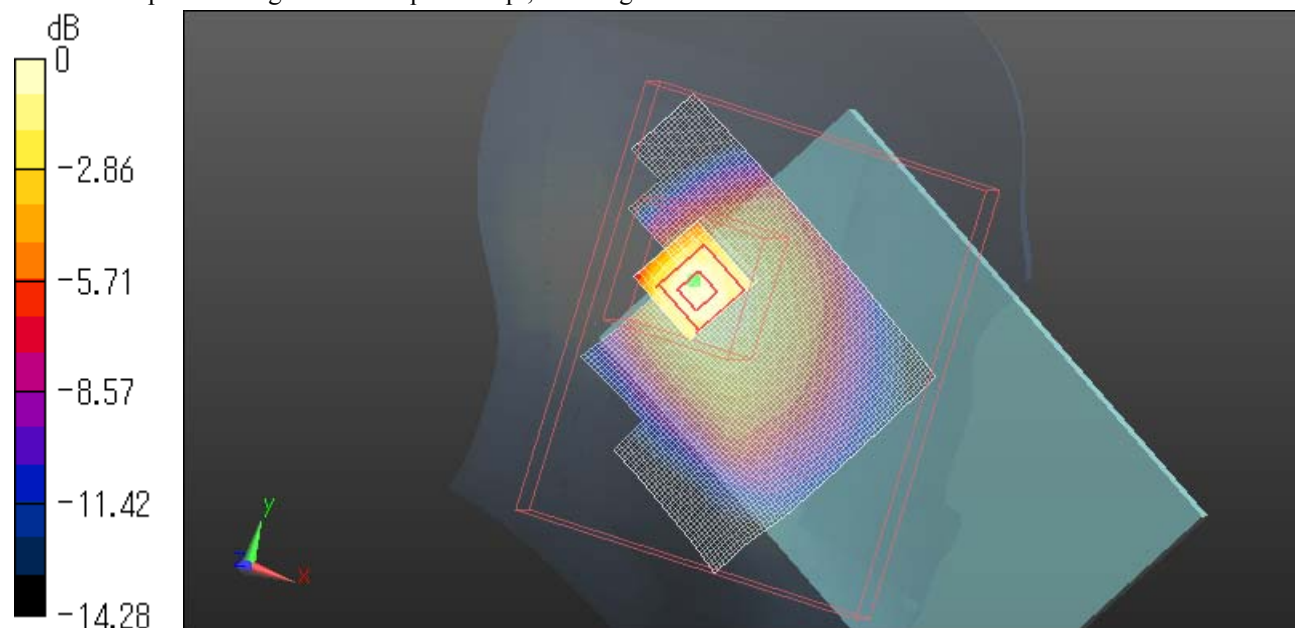
Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.267 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-6200L GSM850(GSM) Left Tilt 836.6MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.29851

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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.269 mW/g

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

Reference Value = 14.718 V/m; Power Drift = -0.02 dB

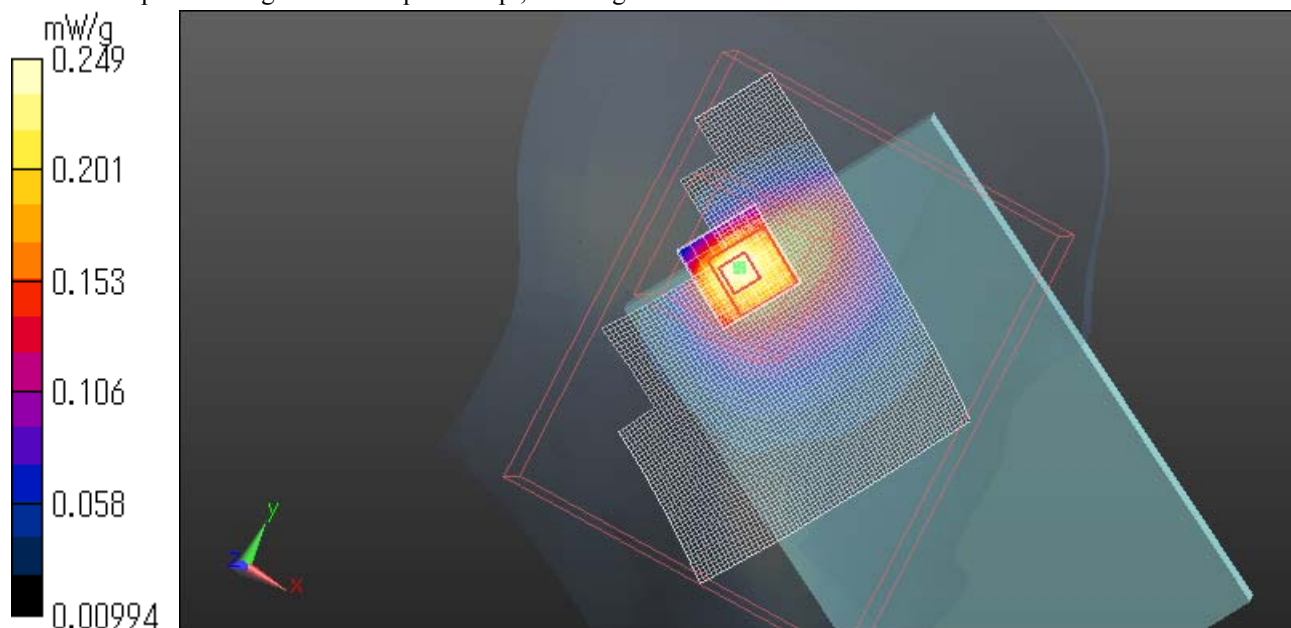
Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.249 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-6200L GSM850(GSM) Right Cheek 836.6MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.29851

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.693 mW/g

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

Reference Value = 23.481 V/m; Power Drift = -0.14 dB

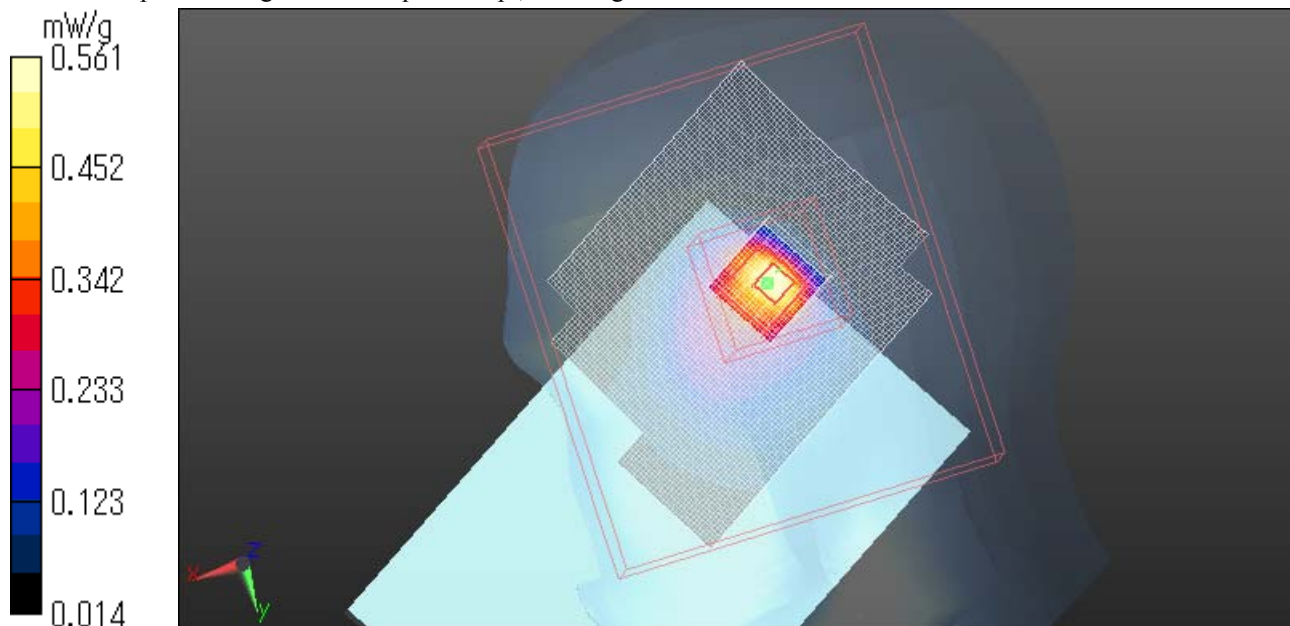
Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.561 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-6200L GSM850(GSM) Right Tilt 836.6MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:8.29851

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.576 mW/g

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

Reference Value = 16.040 V/m; Power Drift = -0.01 dB

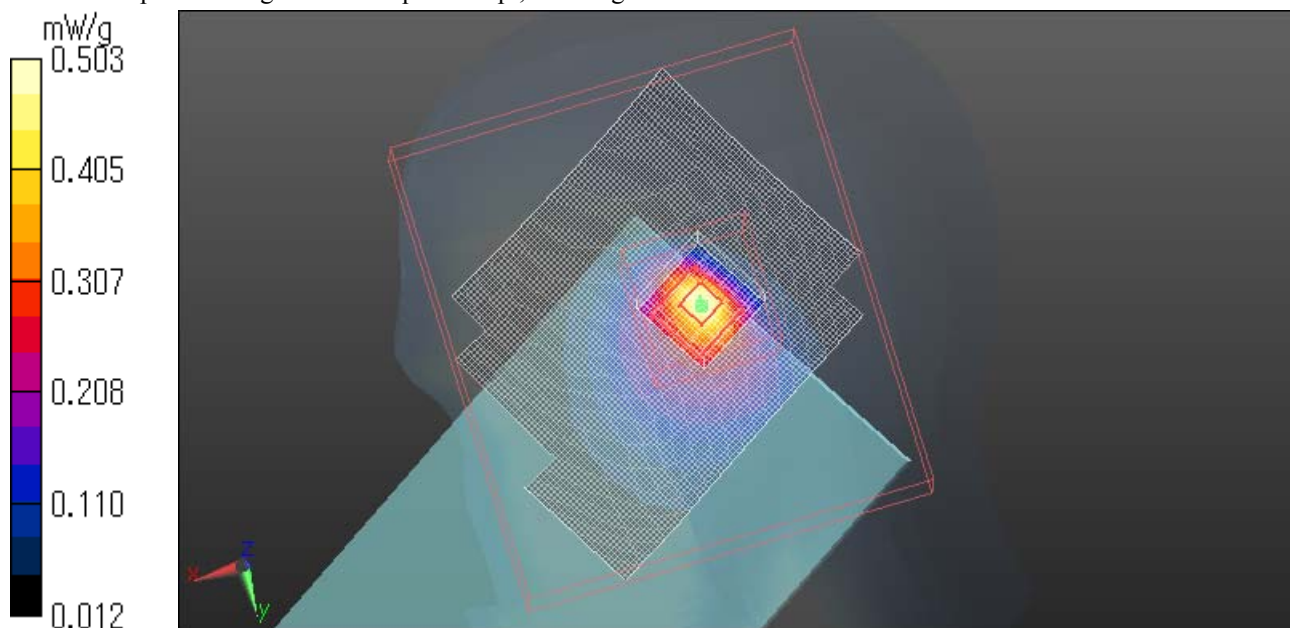
Peak SAR (extrapolated) = 0.757 W/kg

SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.191 mW/g

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

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-6200L GSM850(GPRS 4slots) (VOIP) Right Cheek 836.6MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.820 mW/g

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

Reference Value = 15.998 V/m; Power Drift = -0.10 dB

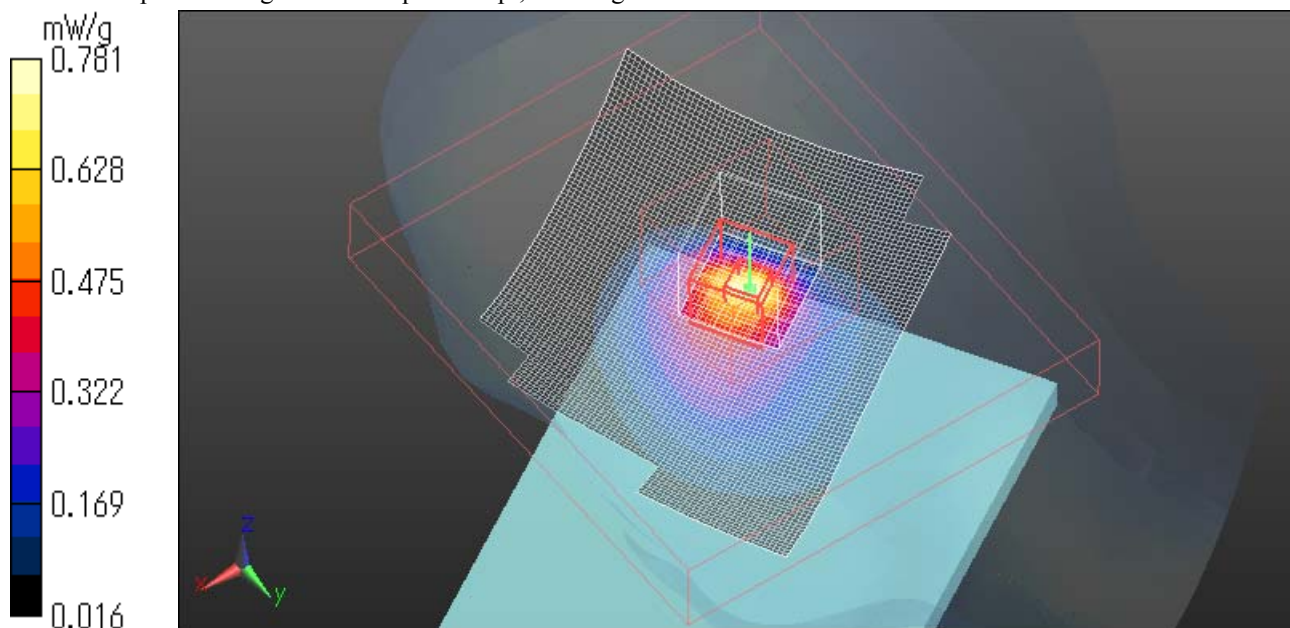
Peak SAR (extrapolated) = 1.136 W/kg

SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.781 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



Z Scan at Maximum HEAD SAR position in GSM850 band**GT-6200L GSM850(GPRS 4slots) (VOIP) Right Cheek 836.6MHz**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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)

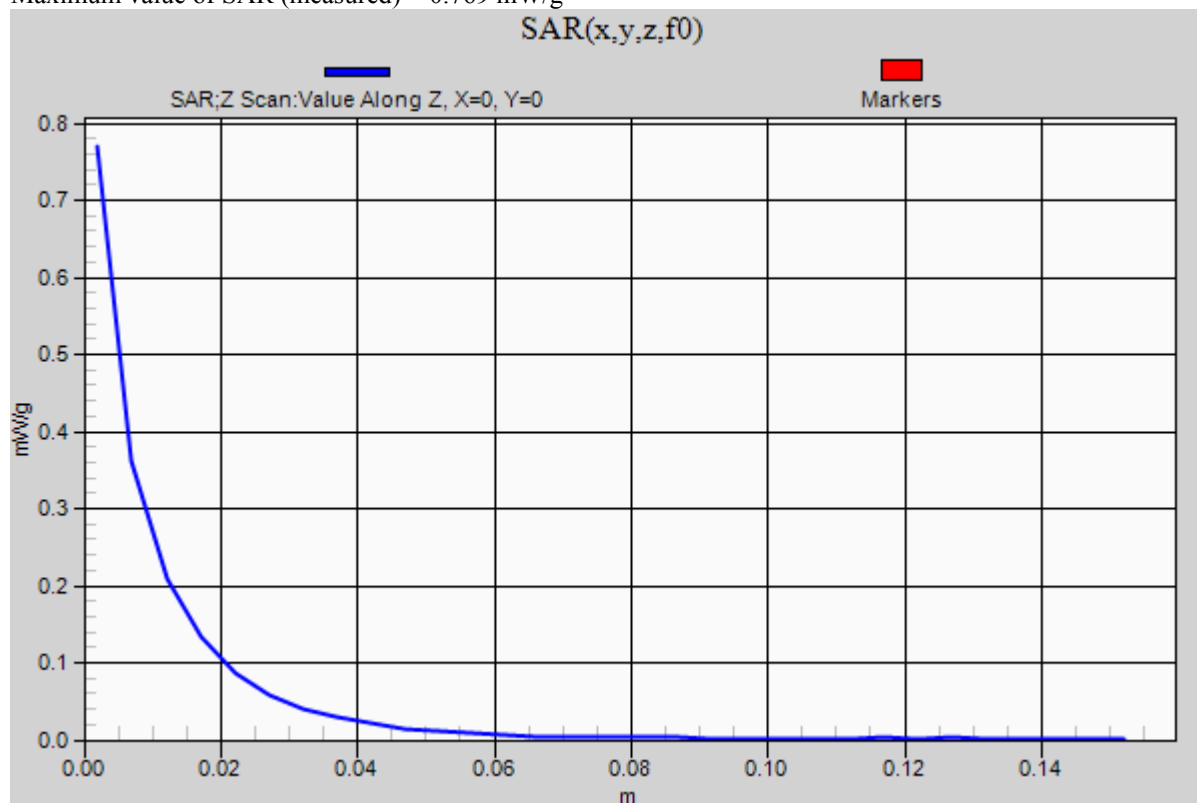
Electronics: DAE4 Sn509; Calibrated: 2011/07/20

Phantom: SAM with CRP; Type: SAM;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 0.769 mW/g



ii) PCS1900 Head

GT-6200L PCS1900(GSM) Left cheek 1880MHz

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; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.225 mW/g

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

Reference Value = 8.305 V/m; Power Drift = -0.06 dB

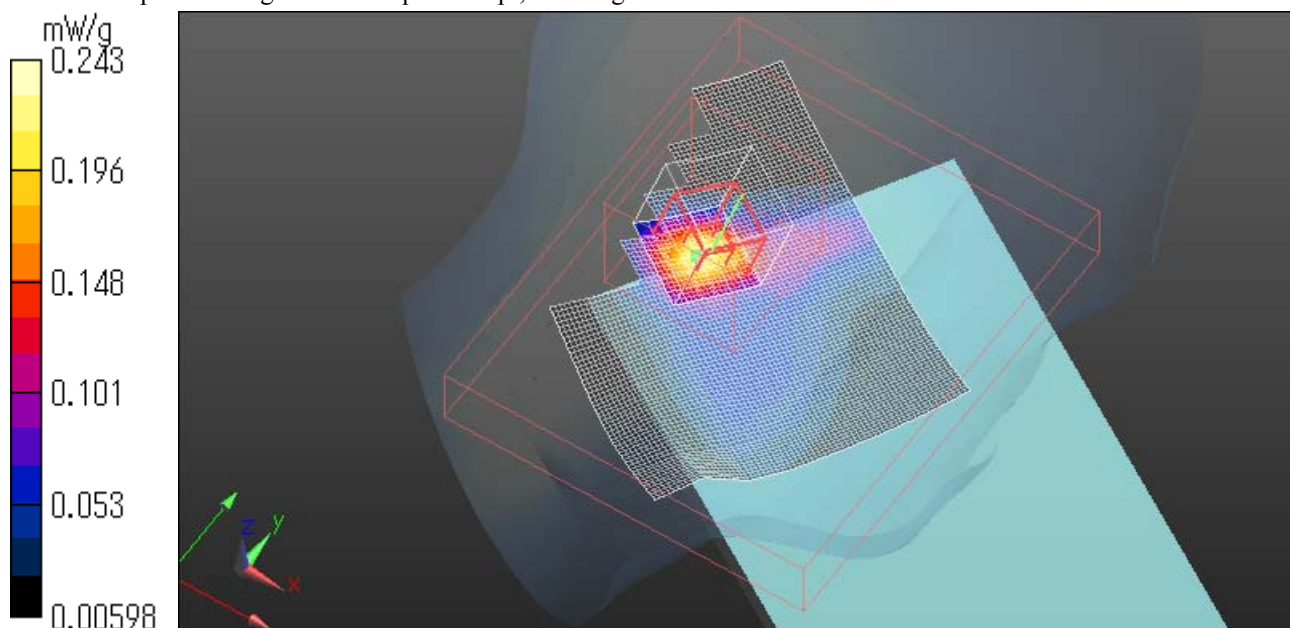
Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.088 mW/g

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

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



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GT-6200L PCS1900(GSM) Left tilt 1880MHz

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; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.931 V/m; Power Drift = -0.14 dB

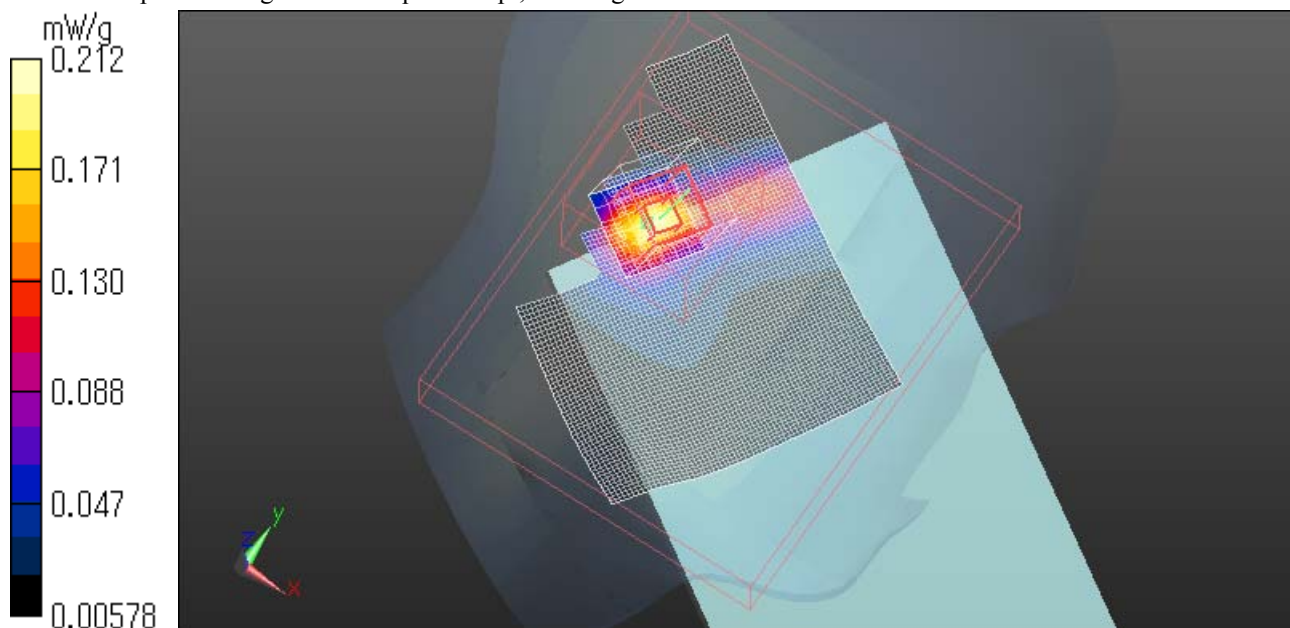
Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.212 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900(GSM) Right cheek 1880MHz

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; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.138 V/m; Power Drift = 0.13 dB

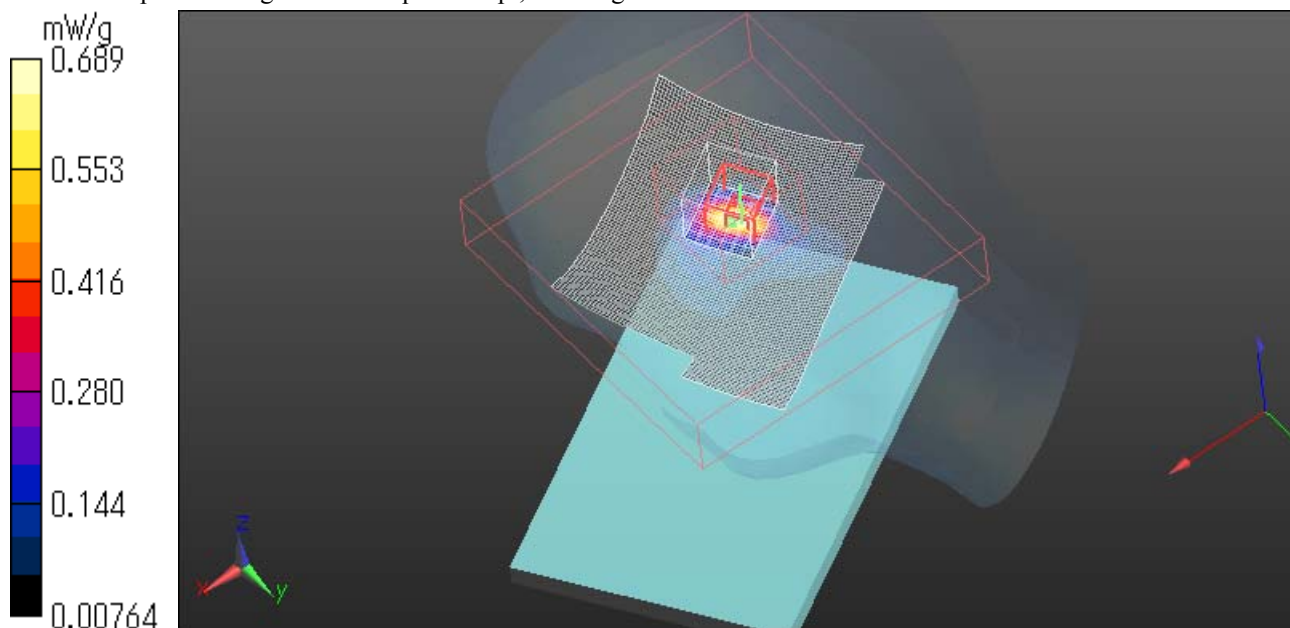
Peak SAR (extrapolated) = 0.965 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.213 mW/g

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

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900(GSM) Right tilt 1880MHz

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; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.664 mW/g

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

Reference Value = 9.441 V/m; Power Drift = -0.02 dB

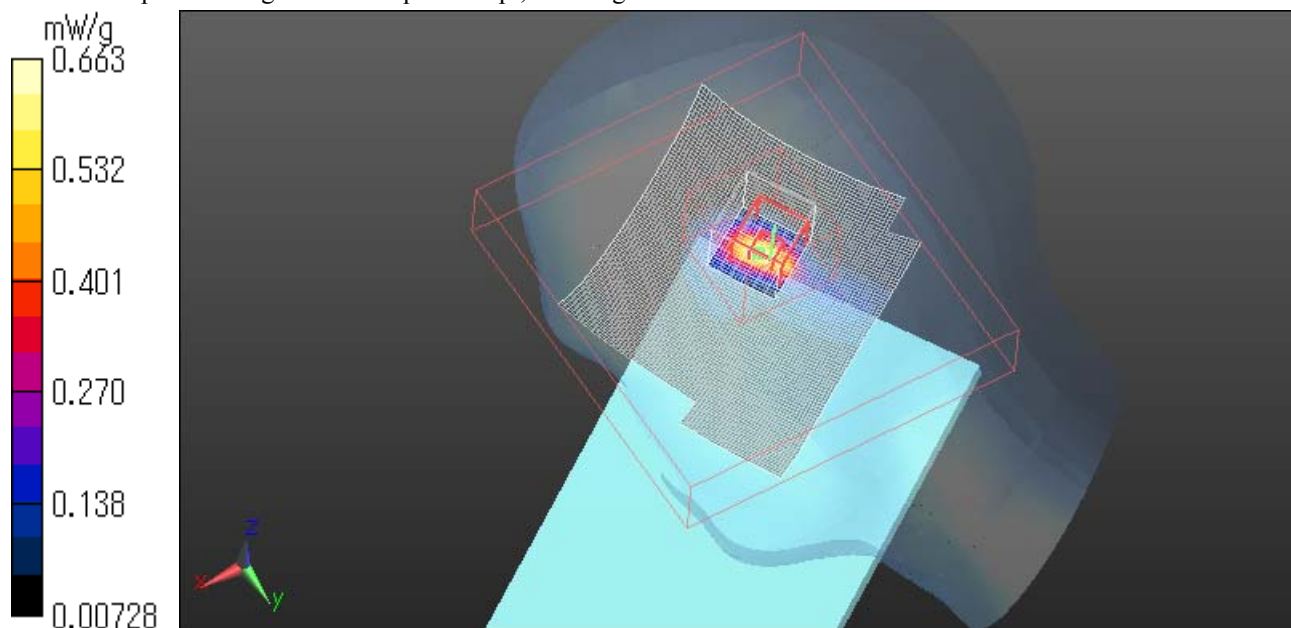
Peak SAR (extrapolated) = 0.890 W/kg

SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 0.663 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900(GPRS 3slots) (VOIP) Right cheek 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:2.76694

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.813 mW/g

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

Reference Value = 8.647 V/m; Power Drift = -0.09 dB

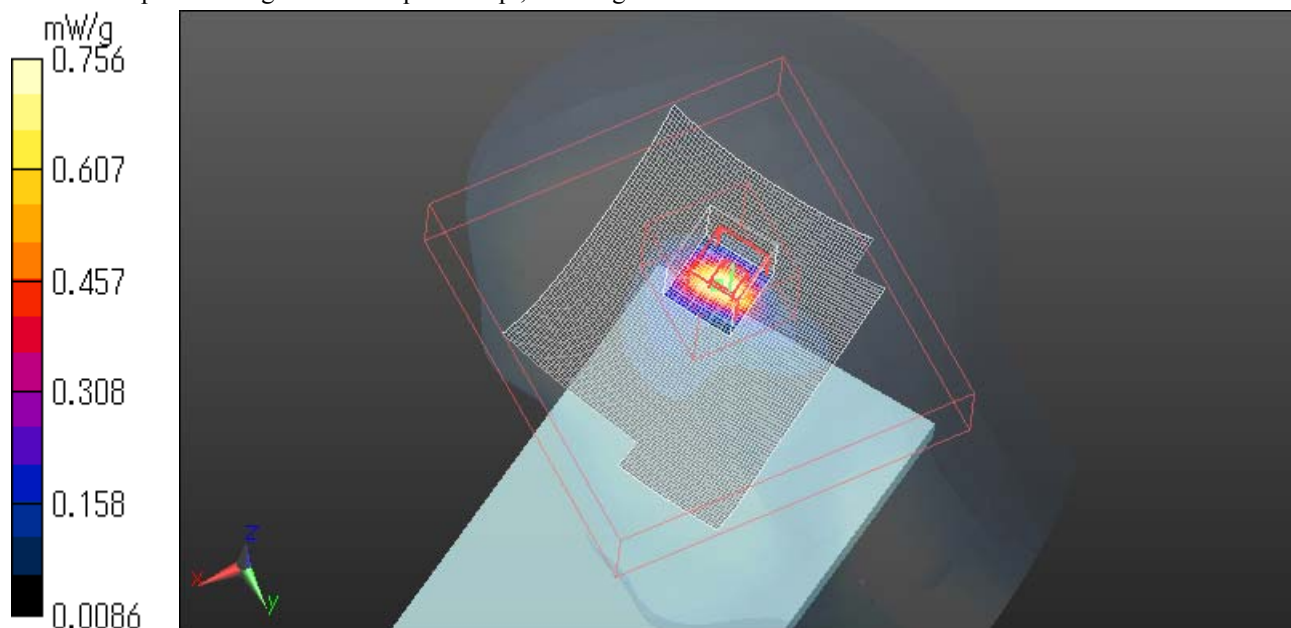
Peak SAR (extrapolated) = 1.062 W/kg

SAR(1 g) = 0.519 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.756 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



Z Scan at Maximum HEAD SAR position in PCS1900 band

GT-6200L PCS1900(GPRS 3slots) (VOIP) Right cheek 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:2.76694

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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;

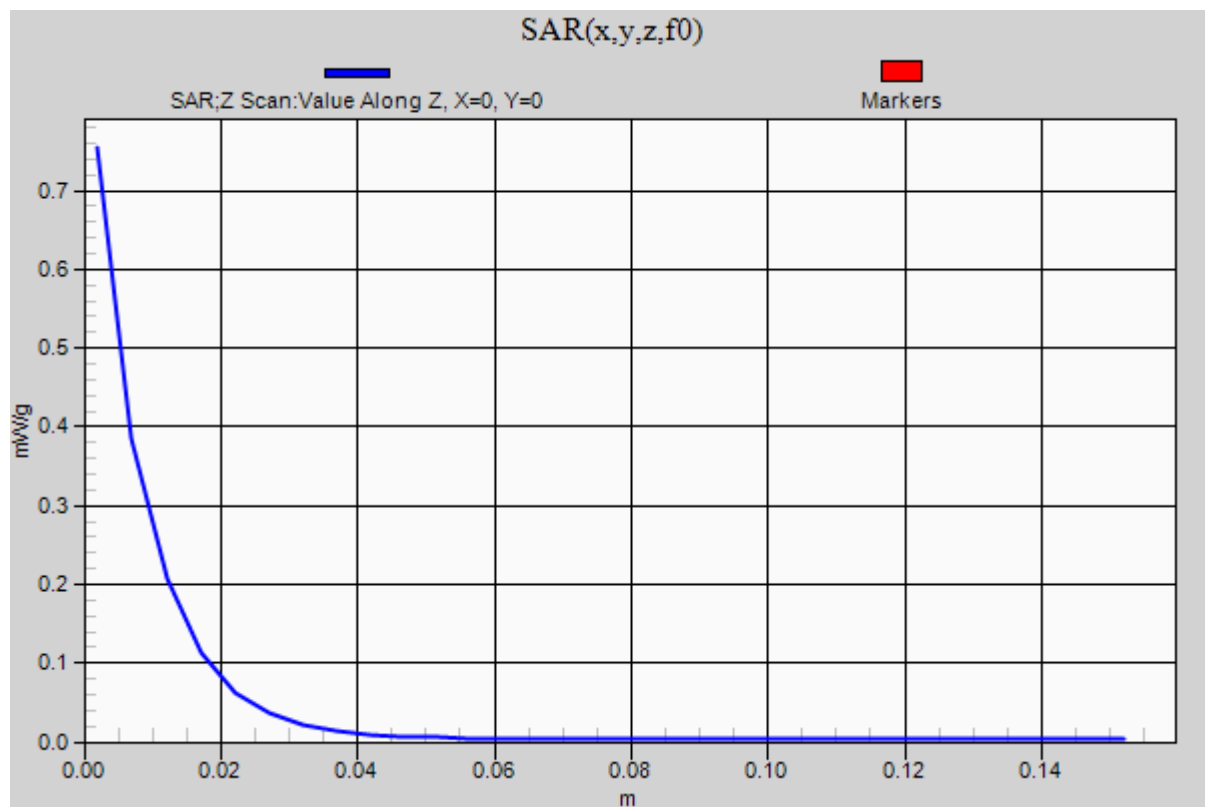
Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 0.754 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



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iii) **WCDMA Band V Head**

GT-P6200L WCDMA Band V 12.2k RMC Left cheek 836.6 MHz

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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);

Area Scan 2 (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.315 mW/g

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

Reference Value = 14.015 V/m; Power Drift = -0.14 dB

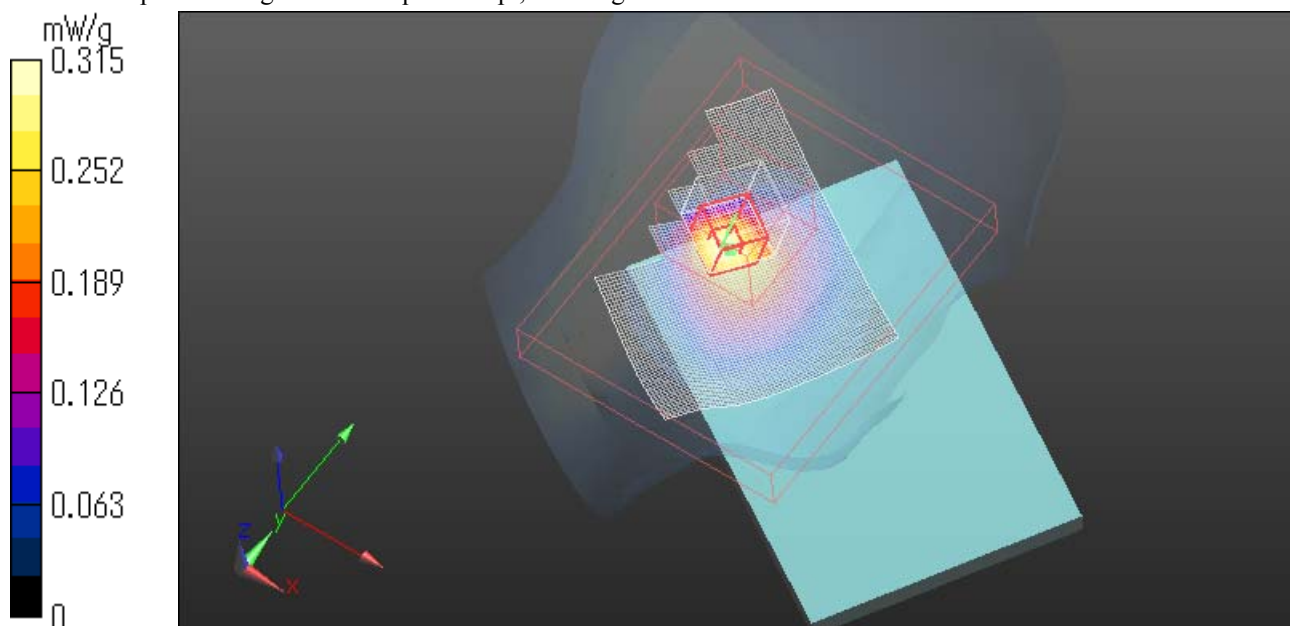
Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.312 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Left Tilt 836.6 MHz

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

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.86 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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);

Area Scan 2 (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 15.485 V/m ; Power Drift = -0.10 dB

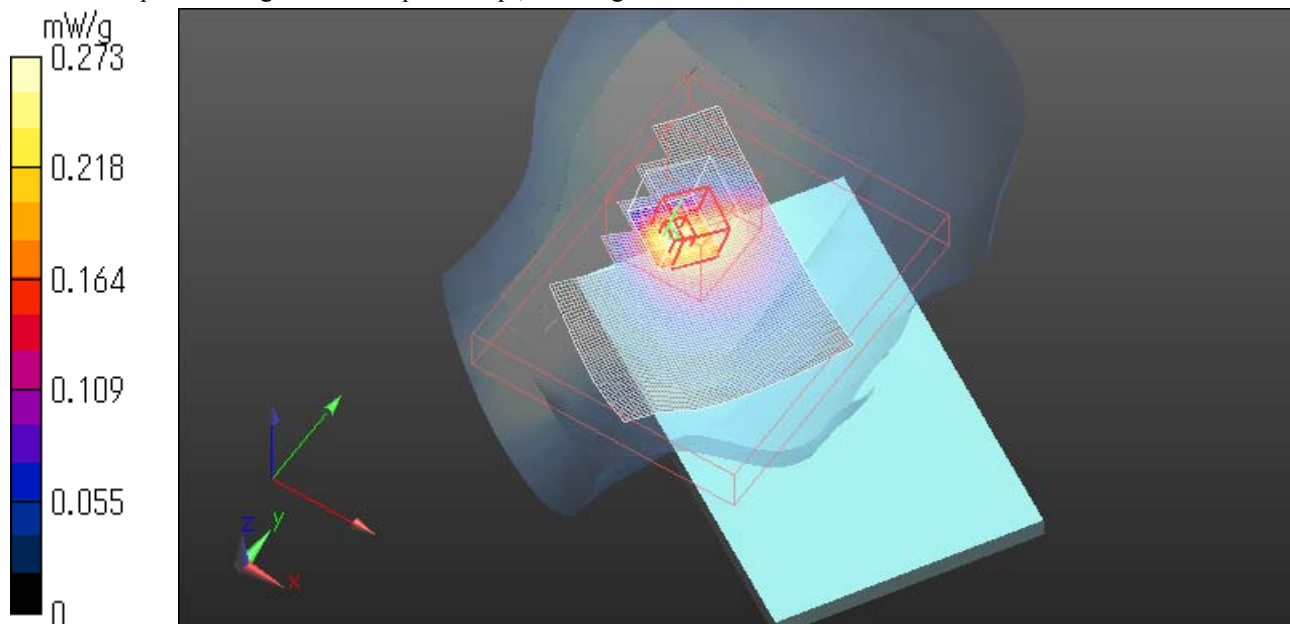
Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.198 mW/g ; SAR(10 g) = 0.127 mW/g

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

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Right cheek 836.6 MHz

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

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.86 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$

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);

Area Scan (71x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.725 mW/g

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

Reference Value = 13.425 V/m; Power Drift = -0.03 dB

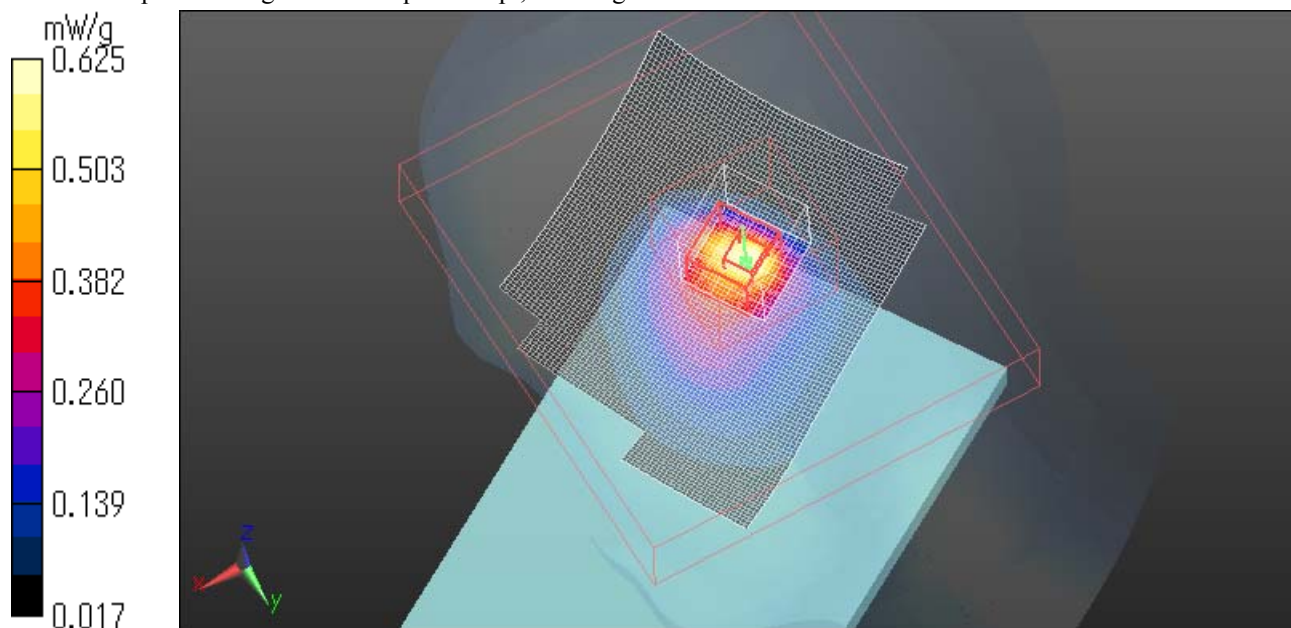
Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.625 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Right tilt 836.6 MHz

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.688 mW/g

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

Reference Value = 17.228 V/m; Power Drift = -0.06 dB

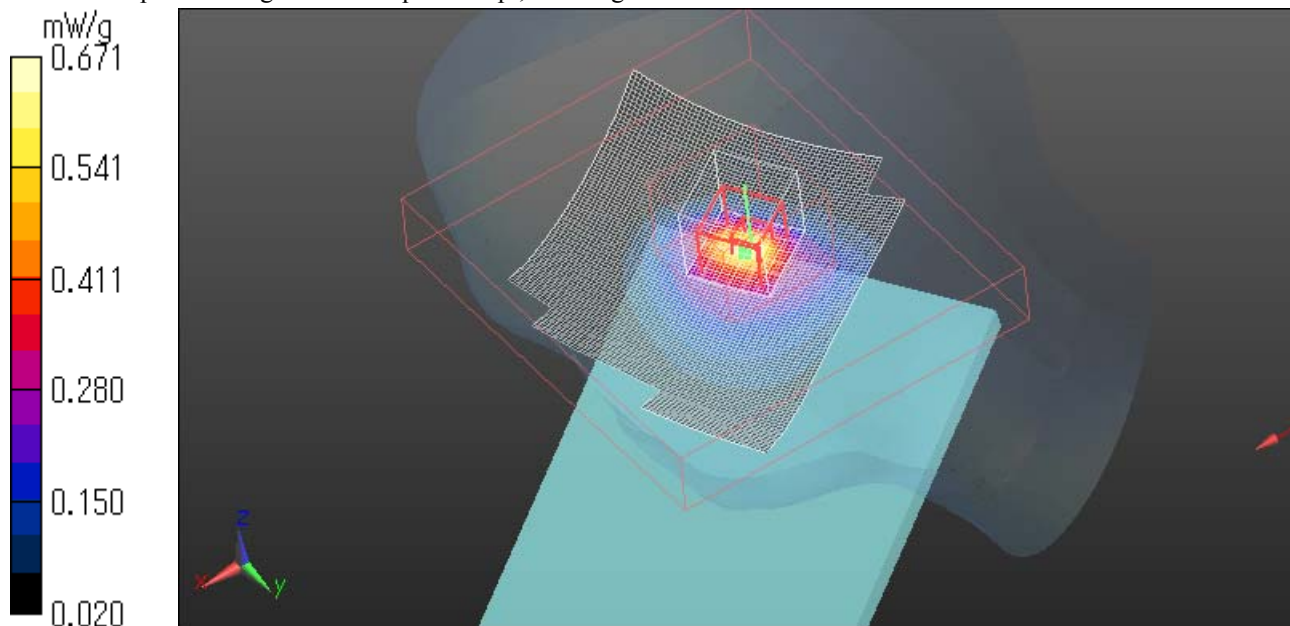
Peak SAR (extrapolated) = 0.972 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.671 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



Zscan at maximum Head SAR in WCDMA band V

GT-P6200L WCDMA Band V 12.2k RMC Right tilt 836.6 MHz

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

Medium parameters used: $f = 835$ MHz; $\sigma = 0.86$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

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;

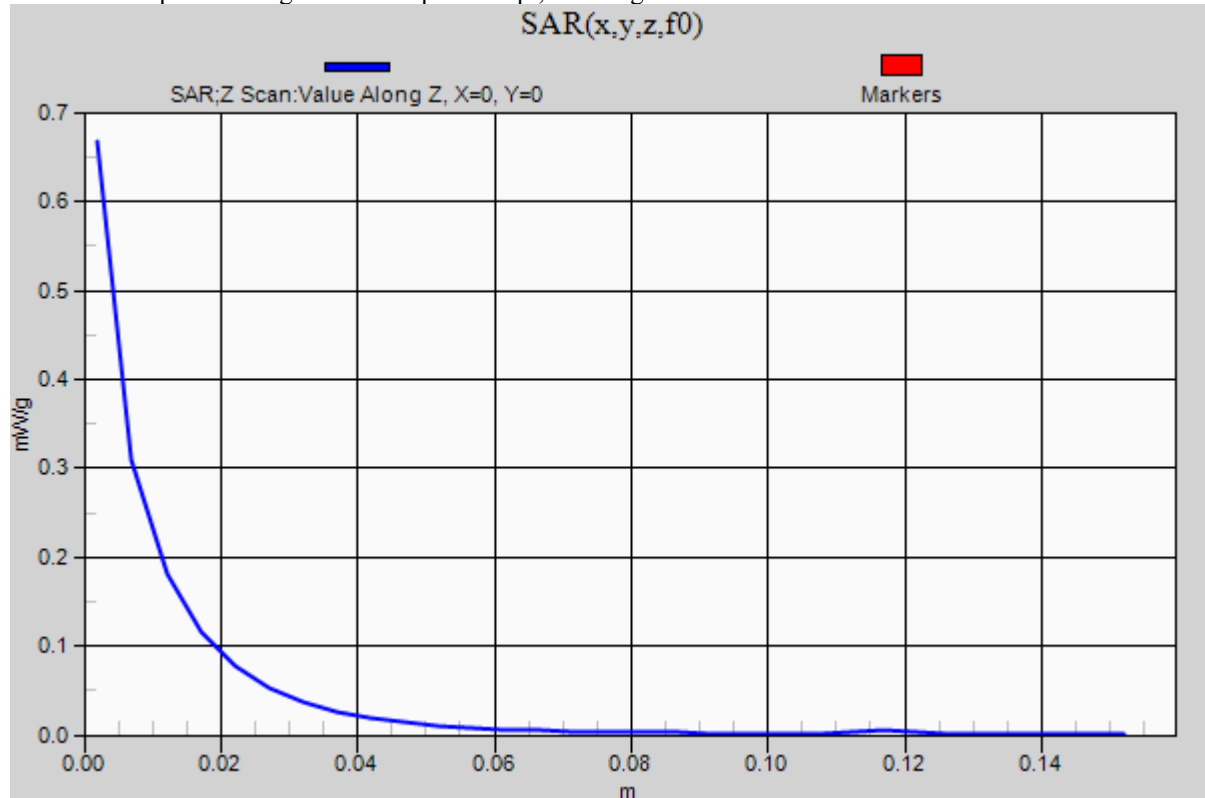
Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 0.668 mW/g

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.2 degree.C.



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iv) WCDMA Band II Head

GT-6200L WCDMA Band II 12.2k RMC Left cheek 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II; Frequency:

1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.283 V/m; Power Drift = 0.06 dB

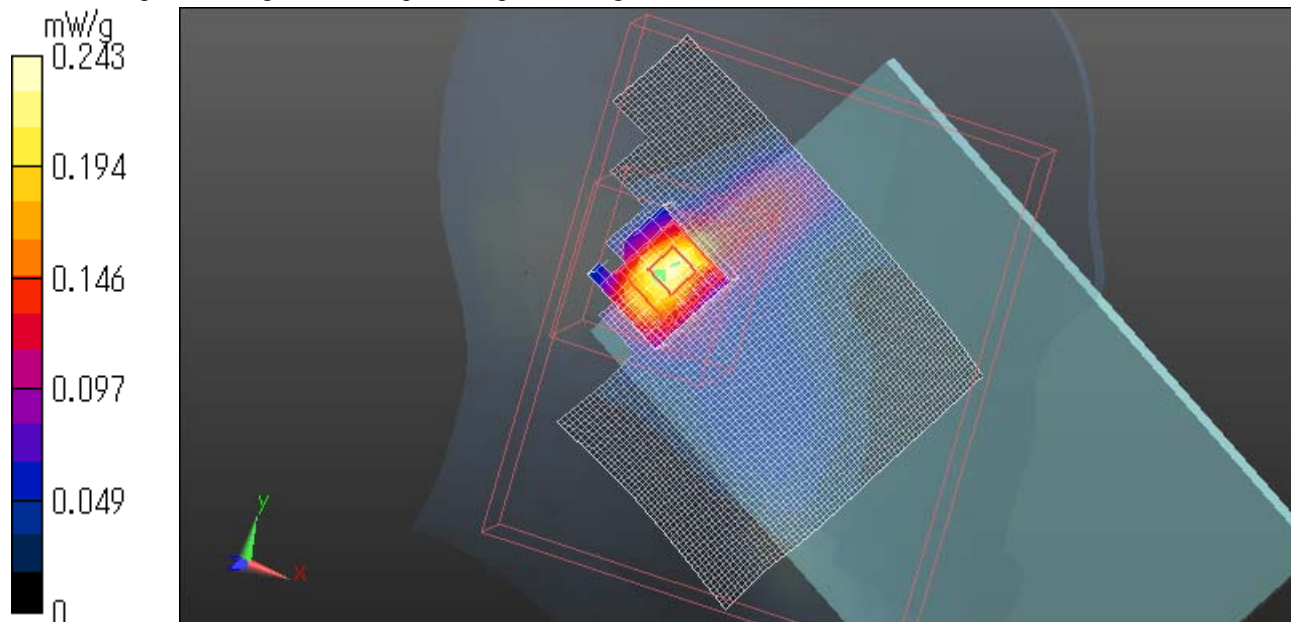
Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.091 mW/g

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

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA Band II 12.2k RMC Left tilt 1880MHz

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.496 V/m; Power Drift = -0.09 dB

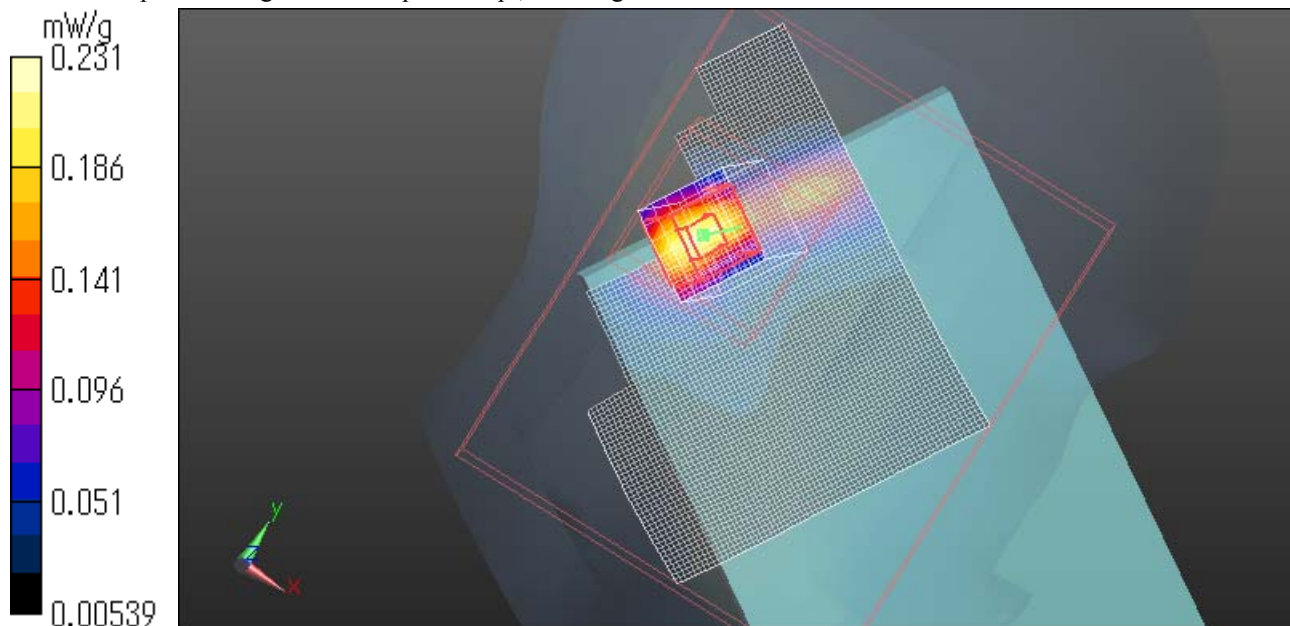
Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.088 mW/g

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

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA Band II 12.2k RMC Right cheek 1880MHz

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.962 mW/g

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

Reference Value = 9.170 V/m; Power Drift = 0.11 dB

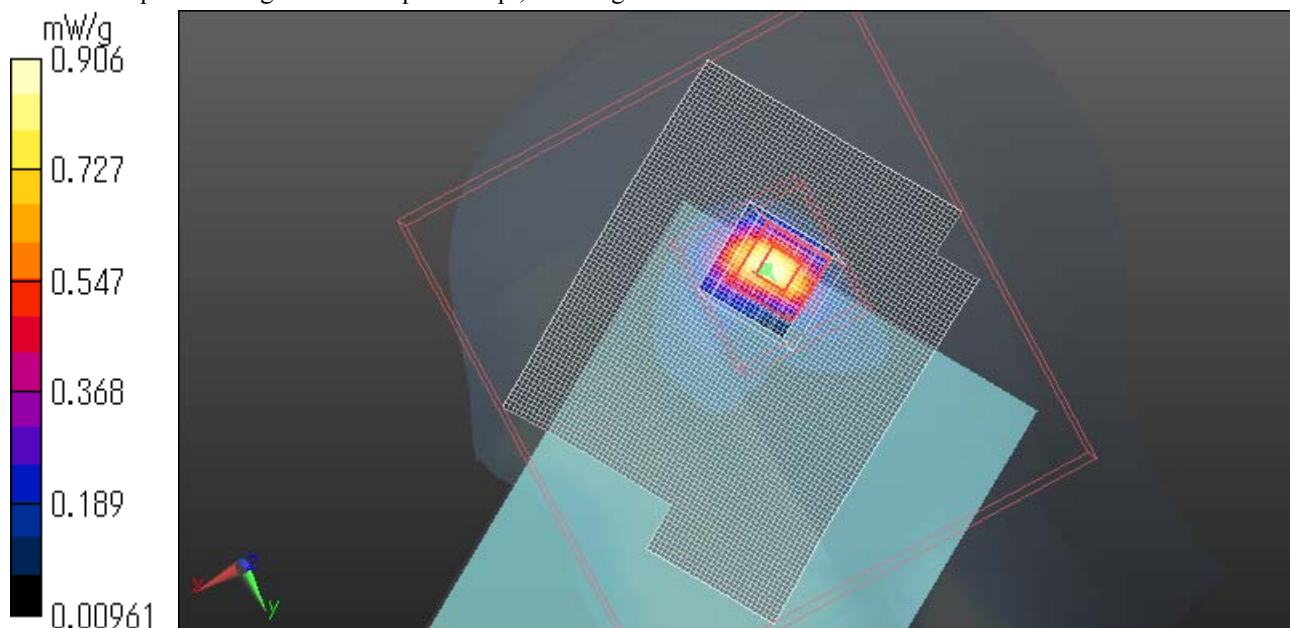
Peak SAR (extrapolated) = 1.271 W/kg

SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.278 mW/g

Maximum value of SAR (measured) = 0.906 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA Band II 12.2k RMC Right cheek 1880MHz

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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;

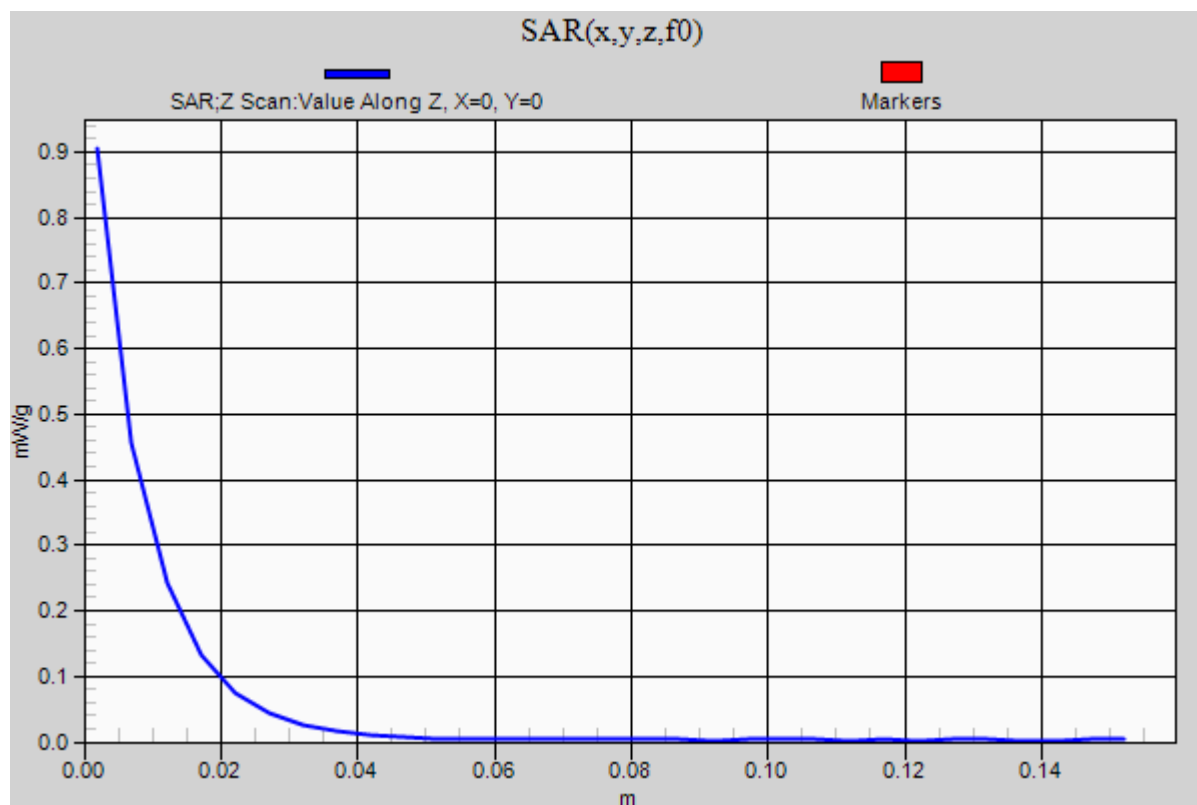
Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 0.905 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA Band II 12.2k RMC Right tilt 1880MHz

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 38.0$; $\rho = 1000$ 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);

Area Scan (71x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.855 mW/g

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

Reference Value = 9.950 V/m; Power Drift = -0.11 dB

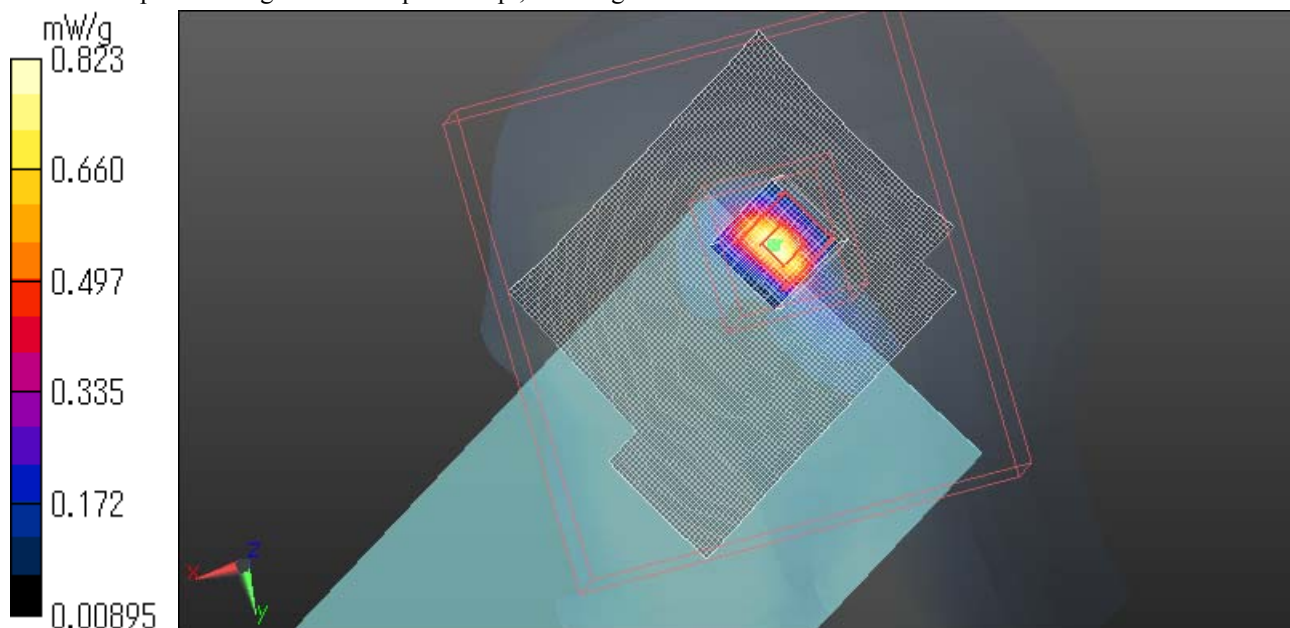
Peak SAR (extrapolated) = 1.119 W/kg

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.823 mW/g

Date: 2011/10/05

Ambient Temp. : 23.0 degree.C. Liquid Temp.; 22.5 degree.C.



v) GSM850 Body/Body-worn

GT-P6200L GSM850(GPRS 4slots) Rear 10mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.590 mW/g

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.038 V/m; Power Drift = -0.04 dB

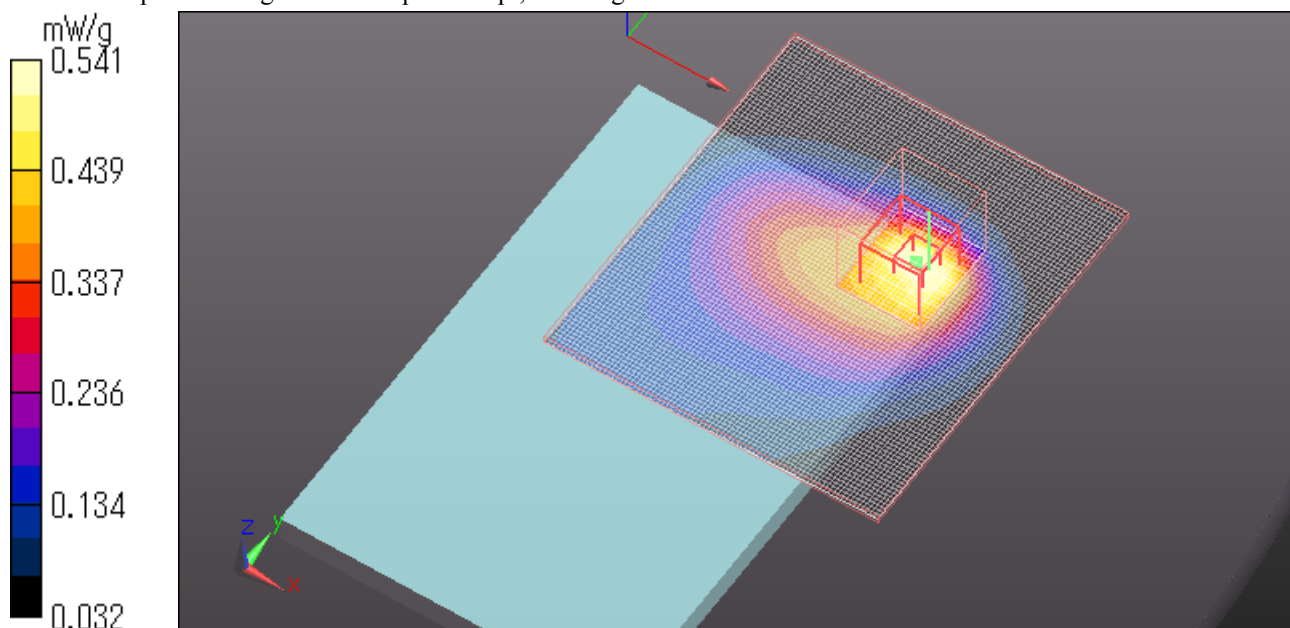
Peak SAR (extrapolated) = 0.636 W/kg

SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.541 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-P6200L GSM850(GPRS 4slots) Rear 0mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.319 mW/g

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

Reference Value = 4.032 V/m; Power Drift = 0.08 dB

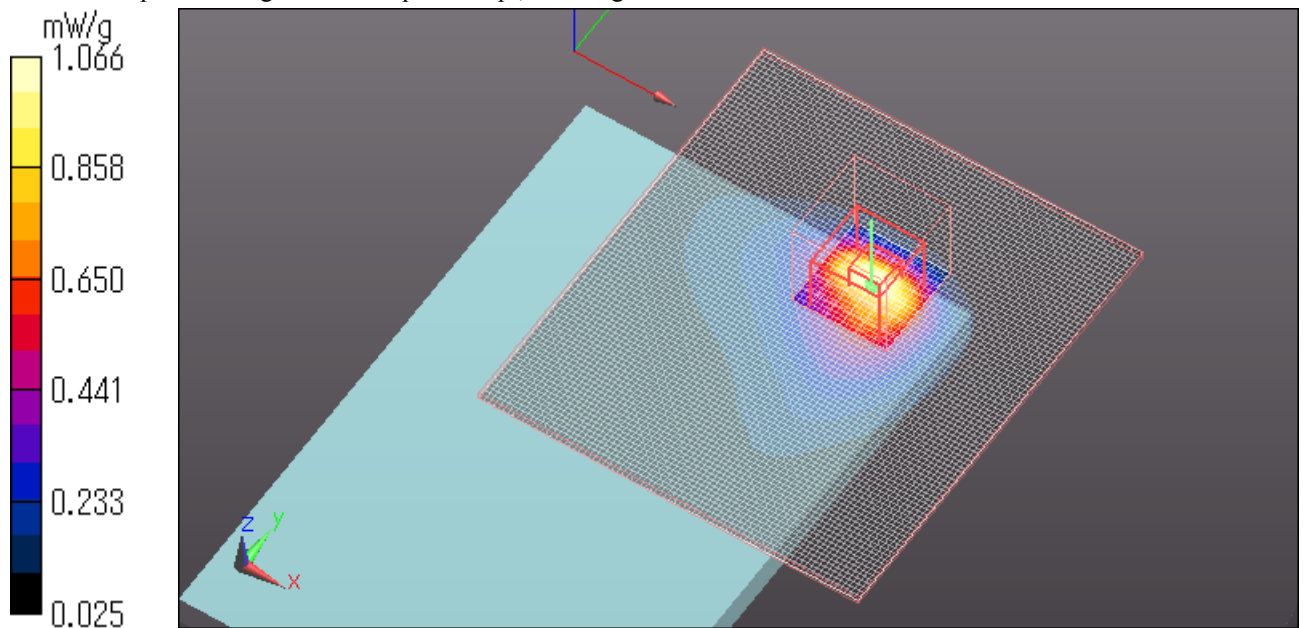
Peak SAR (extrapolated) = 1.501 W/kg

SAR(1 g) = 0.746 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 1.066 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



Z Scan at Maximum BODY SAR position in GSM850 band

GT-P6200L GSM850(GPRS 4slots) Rear 0mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

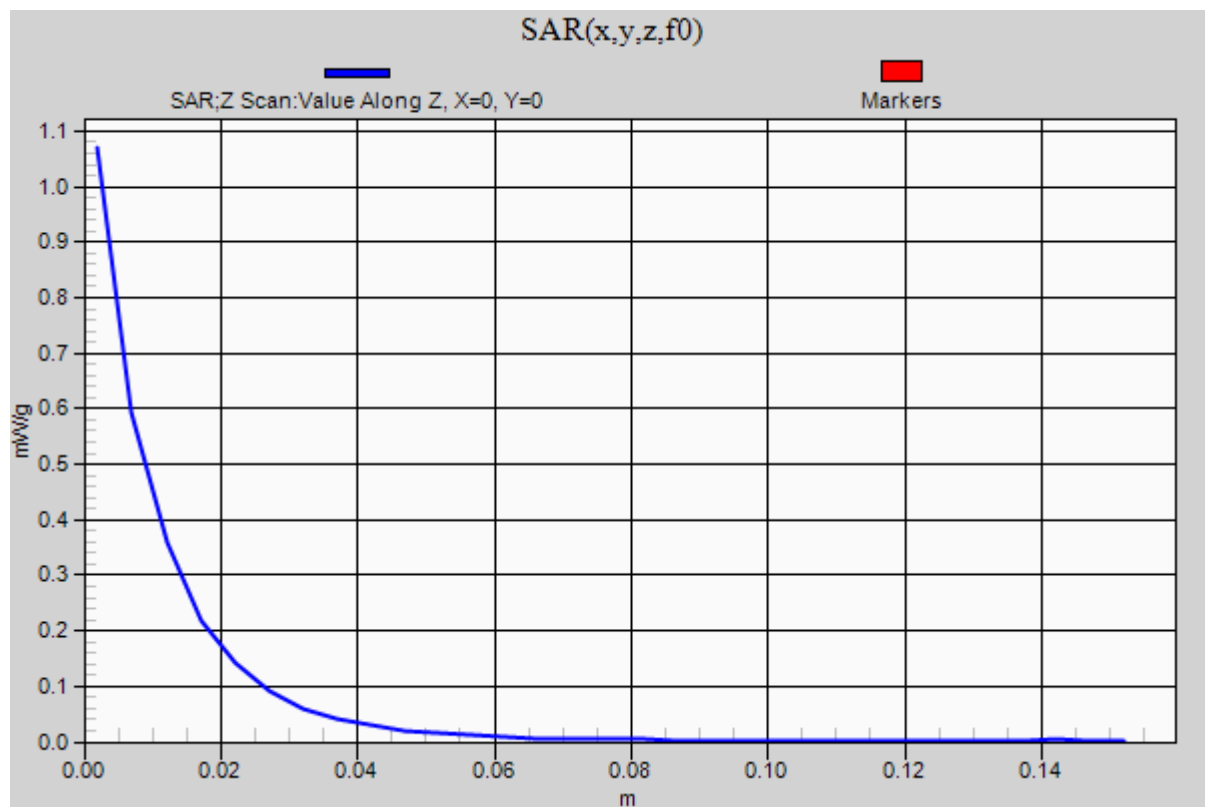
Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 1.070 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-P6200L GSM850(GPRS 4slots) Top edge 5mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.769 mW/g

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

Reference Value = 29.077 V/m; Power Drift = -0.10 dB

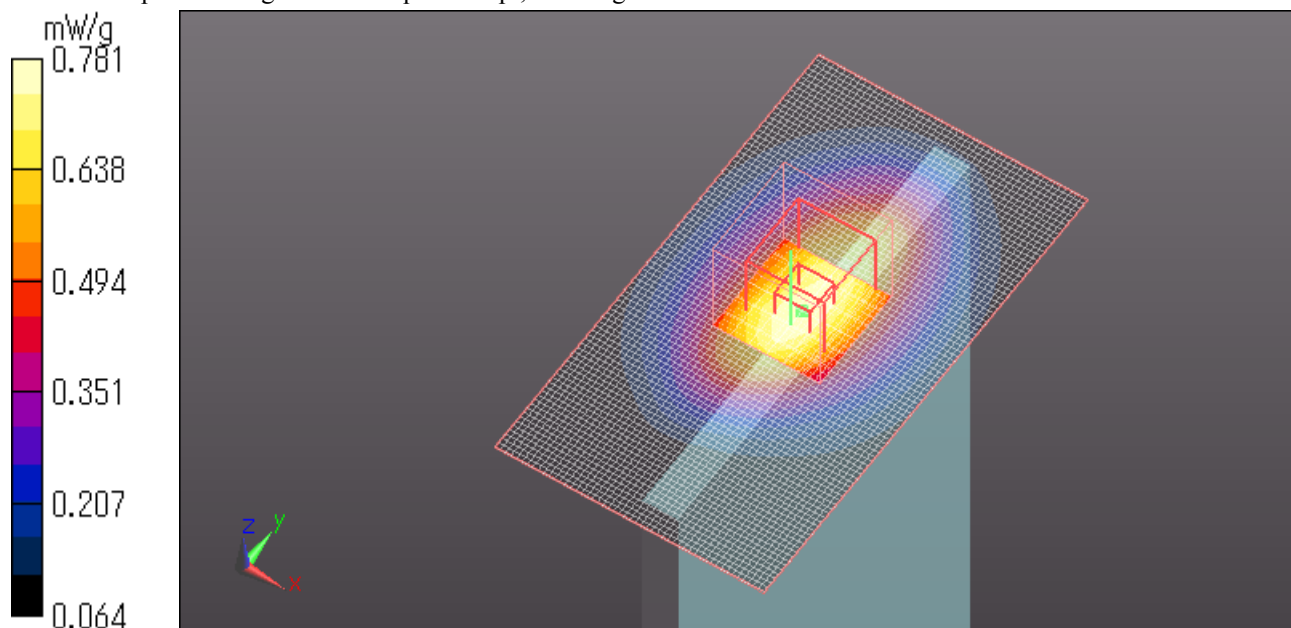
Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.436 mW/g

Maximum value of SAR (measured) = 0.781 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-P6200L GSM850(GPRS 4slots) Top edge 0mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.408 mW/g

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

Reference Value = 20.284 V/m; Power Drift = -0.15 dB

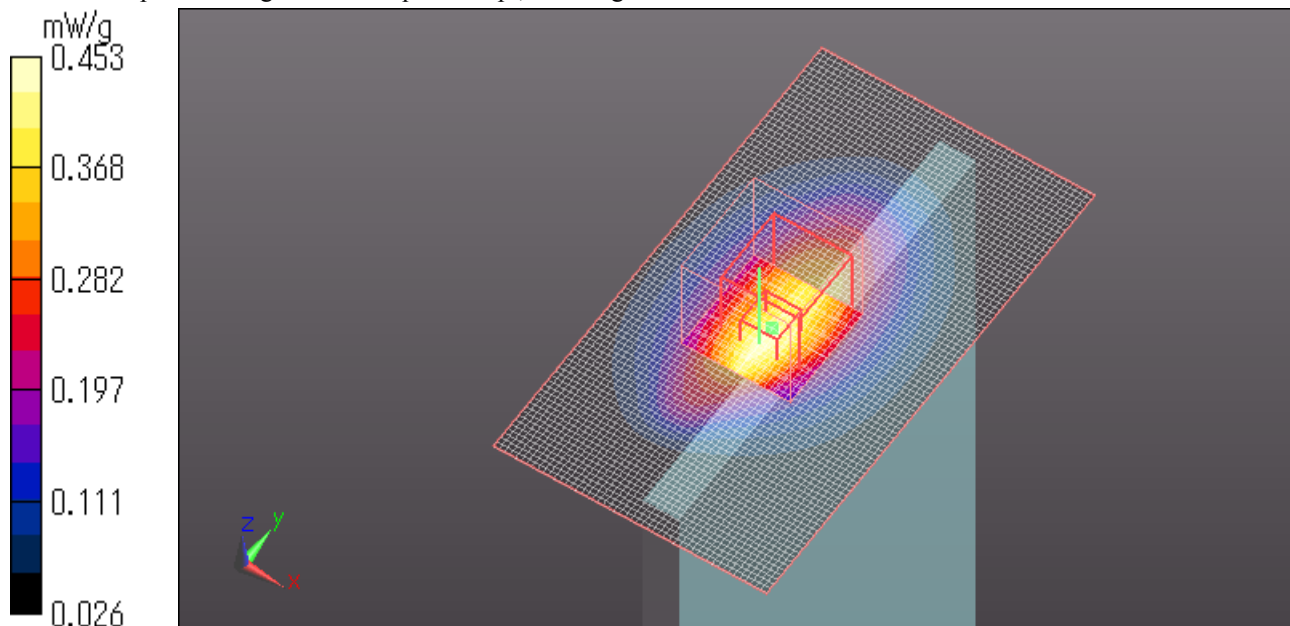
Peak SAR (extrapolated) = 0.571 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.453 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-P6200L GSM850(GPRS 4slots) Left edge 0mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.448 mW/g

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

Reference Value = 11.258 V/m; Power Drift = -0.20 dB

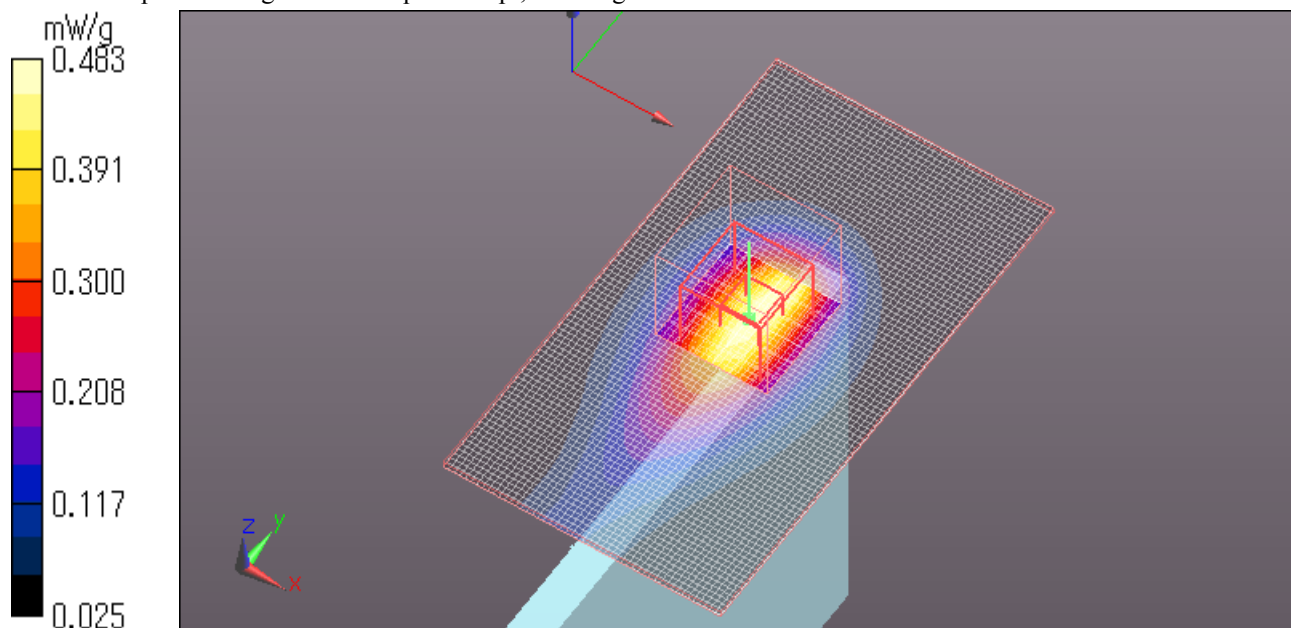
Peak SAR (extrapolated) = 0.620 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.483 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



<Reference DATA >GT-P6200L GSM850(GPRS 4slots) Front 10mm 836.6 MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.440 V/m; Power Drift = -0.19 dB

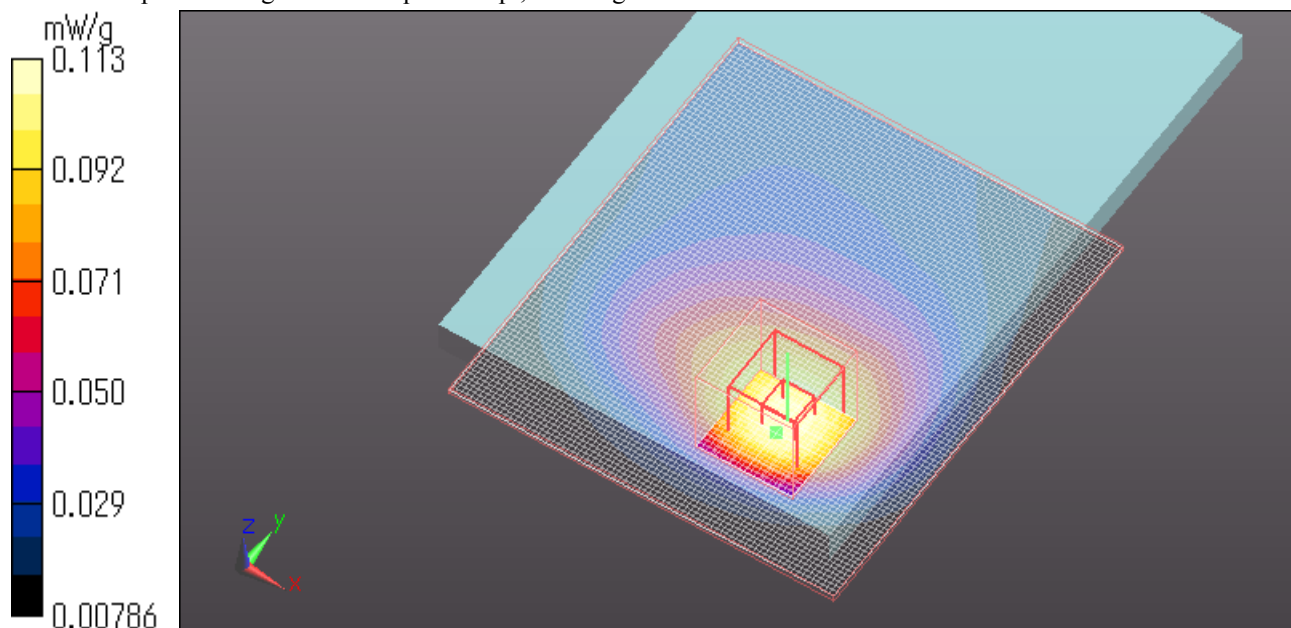
Peak SAR (extrapolated) = 0.129 W/kg

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.064 mW/g

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

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-6200L GSM850 GPRS 4slots WWAN antenna vertex 0mm Top edge 45degree 836.6MHz

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz; Duty Cycle: 1:2.09894

Medium parameters used: $f = 835$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.29, 10.29, 10.29); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.209 mW/g

Zoom Scan (7x7x7) (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.578 V/m; Power Drift = -0.14 dB

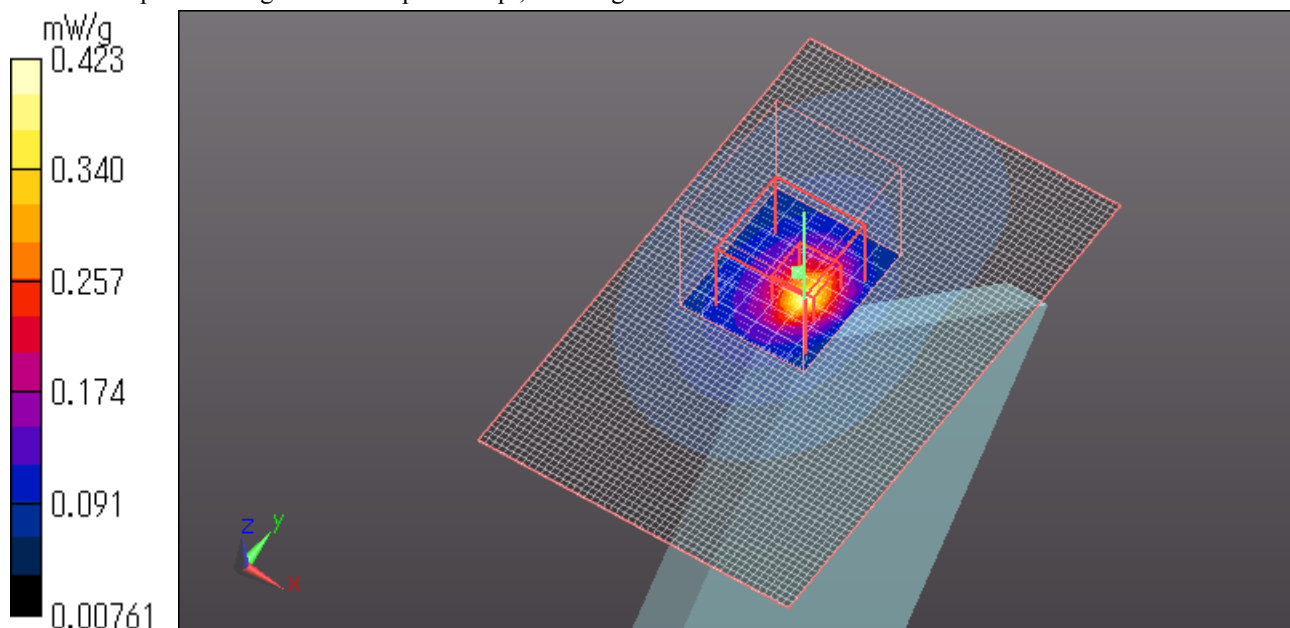
Peak SAR (extrapolated) = 0.717 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.423 mW/g

Date: 2011/11/08

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



PCS1900 Body/Body-worn

GT-6200L PCS1900(GPRS 3slots) Rear 10mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Duty Cycle: 1:2.76669

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.544 mW/g

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

Reference Value = 4.321 V/m; Power Drift = 0.01 dB

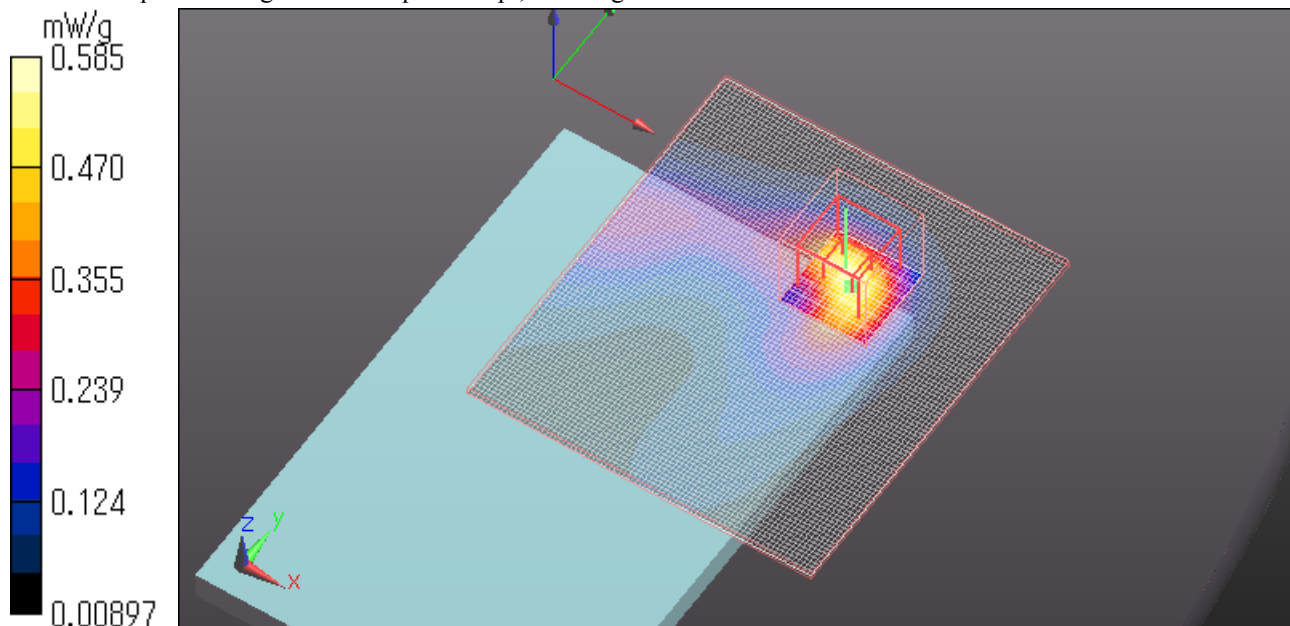
Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.585 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



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GT-6200L PCS1900(GPRS 3slots) Rear 0mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Duty Cycle: 1:2.76669

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.940 mW/g

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

Reference Value = 1.635 V/m; Power Drift = 0.13 dB

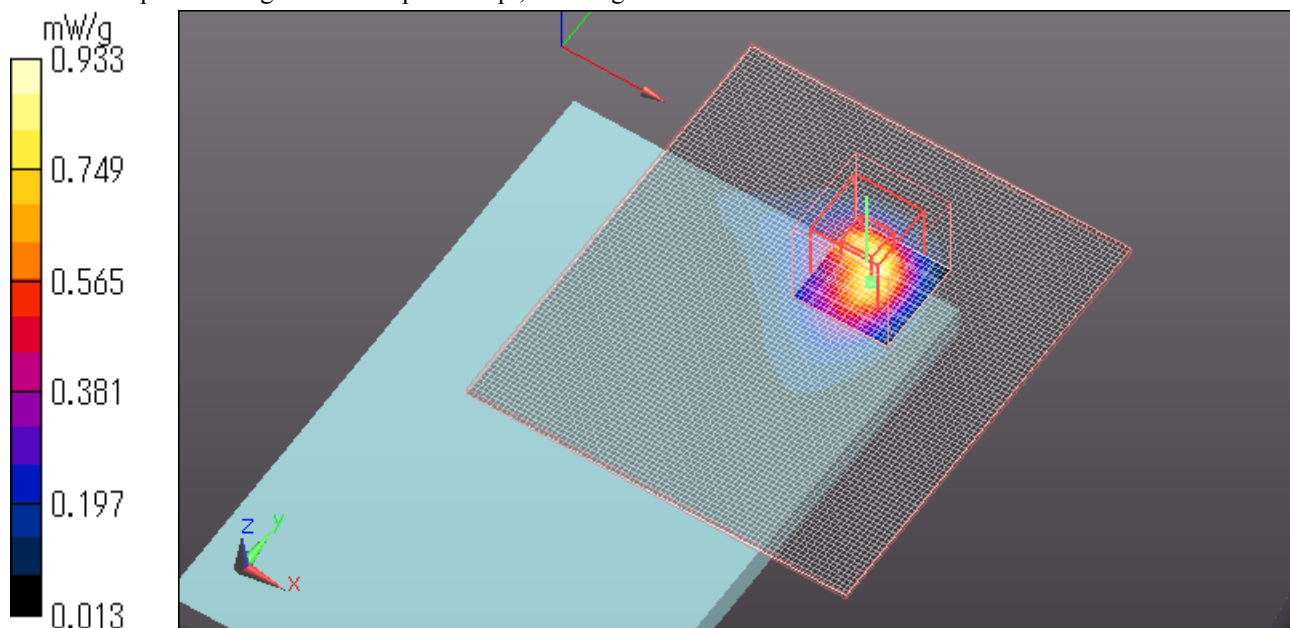
Peak SAR (extrapolated) = 1.280 W/kg

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.300 mW/g

Maximum value of SAR (measured) = 0.933 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



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GT-6200L PCS1900(GPRS 3slots) Top 5mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Duty Cycle: 1:2.76058

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 1.380 mW/g

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

Reference Value = 19.129 V/m; Power Drift = -0.18 dB

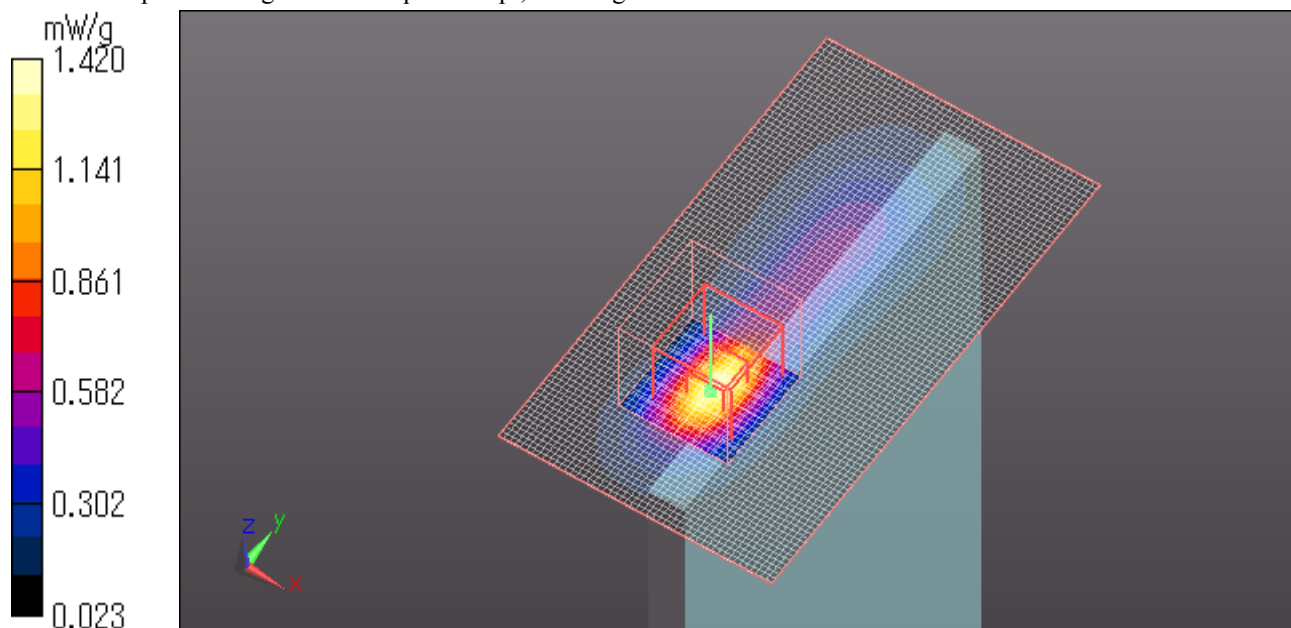
Peak SAR (extrapolated) = 1.806 W/kg

SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.483 mW/g

Maximum value of SAR (measured) = 1.420 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



ZScan at maximum Body SAR in PCS1900 band

GT-6200L PCS1900(GPRS 3slots) Top 5mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:2.76058

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

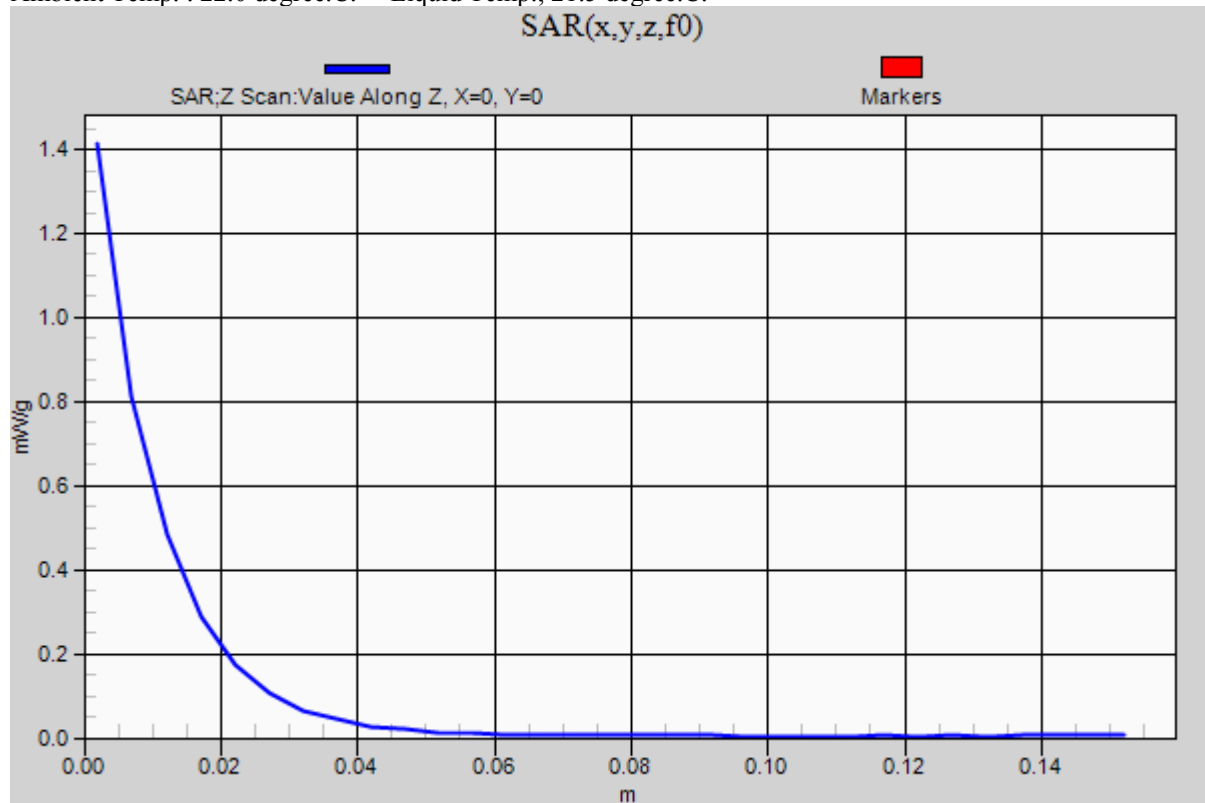
Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 1.413 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 21.5 degree.C.



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GT-6200L PCS1900(GPRS 3slots) Top 0mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Duty Cycle: 1:2.76058

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.572 mW/g

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

Reference Value = 12.247 V/m; Power Drift = -0.16 dB

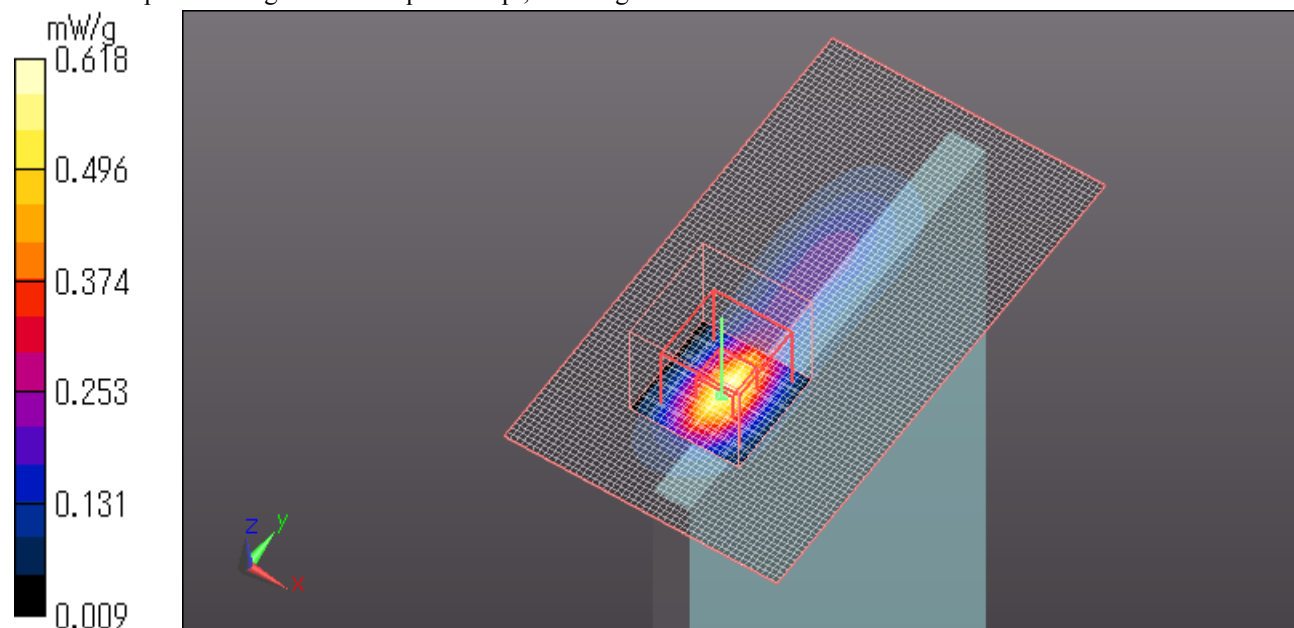
Peak SAR (extrapolated) = 0.813 W/kg

SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.179 mW/g

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

Date: 2011/10/04

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900(GPRS 3slots) Left edge 0mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Duty Cycle: 1:2.76058

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.401 mW/g

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

Reference Value = 9.351 V/m; Power Drift = 0.0028 dB

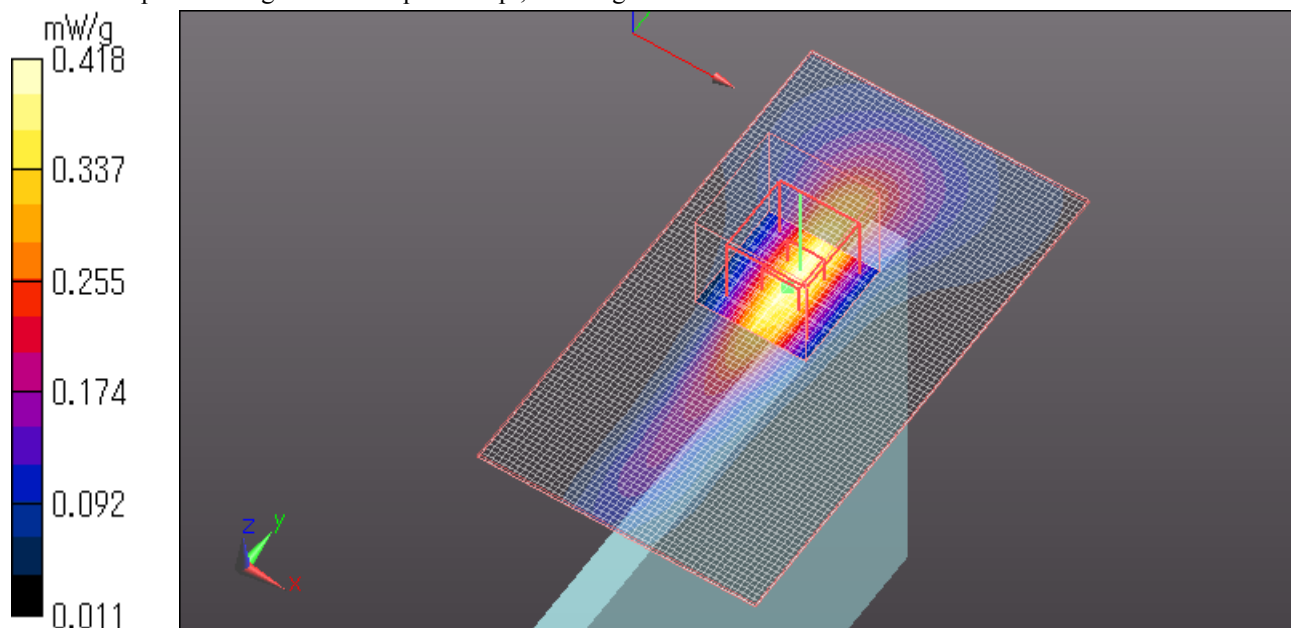
Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.418 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



<Reference DATA >GT-6200L PCS1900(GPRS 3slots) Front 10mm 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Duty Cycle: 1:2.76669

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.156 mW/g

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

Reference Value = 1.780 V/m; Power Drift = 0.13 dB

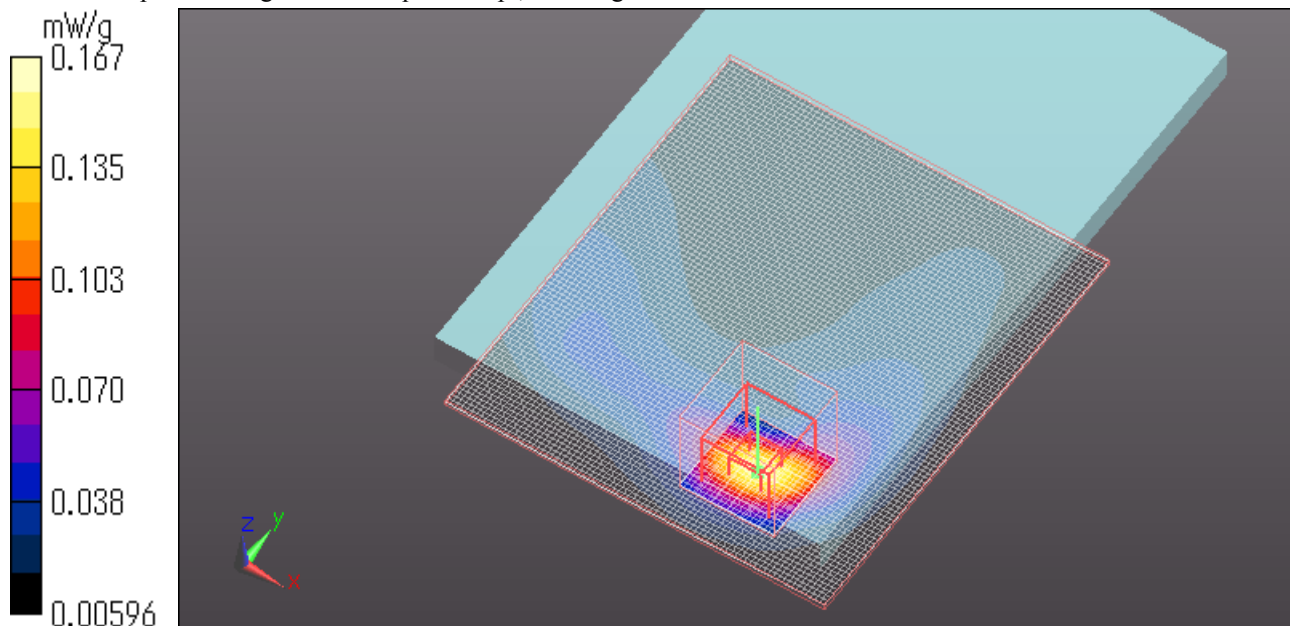
Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.167 mW/g

Date: 2011/10/03, Date: 2011/10/04

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900(GPRS 3slots) Top 5mm 1850.2MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Duty Cycle: 1:2.7663

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.0$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 1.330 mW/g

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

Reference Value = 17.947 V/m; Power Drift = -0.07 dB

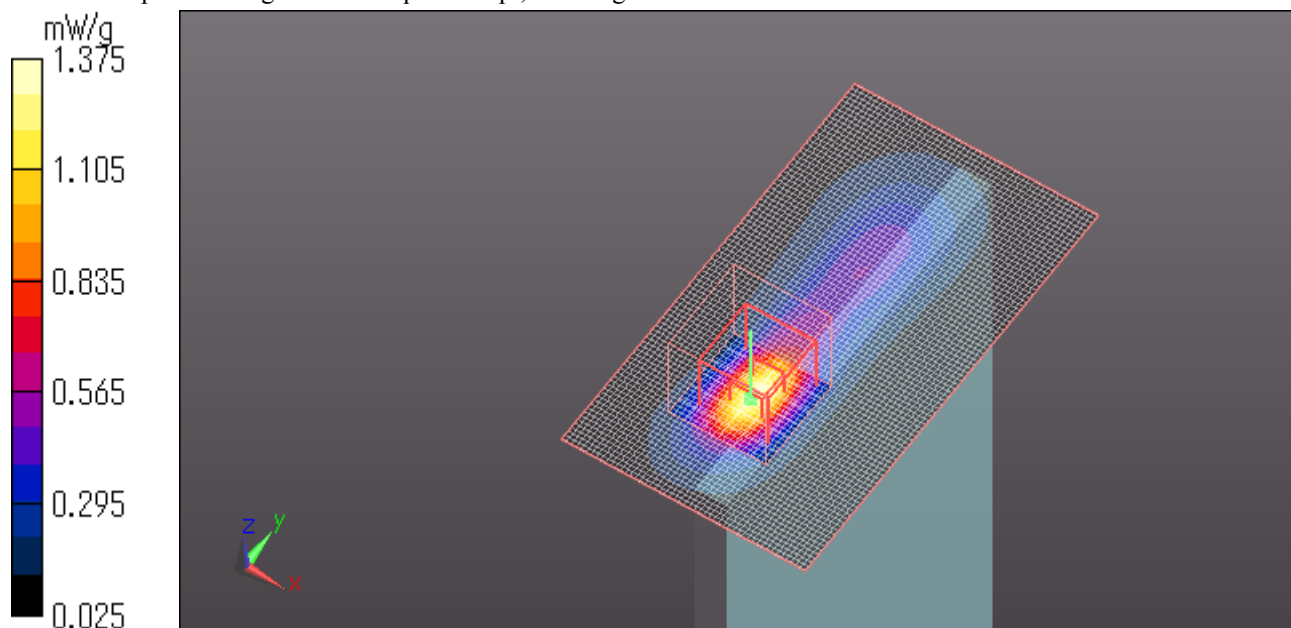
Peak SAR (extrapolated) = 1.731 W/kg

SAR(1 g) = 0.968 mW/g; SAR(10 g) = 0.479 mW/g

Maximum value of SAR (measured) = 1.375 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900(GPRS 3slots) Top 5mm 1909.8MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1909.8 MHz; Duty Cycle: 1:2.7663

Medium parameters used (extrapolated): $f = 1909.8 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 51.771$; $\rho = 1000 \text{ kg/m}^3$

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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

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

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

Reference Value = 18.448 V/m; Power Drift = -0.12 dB

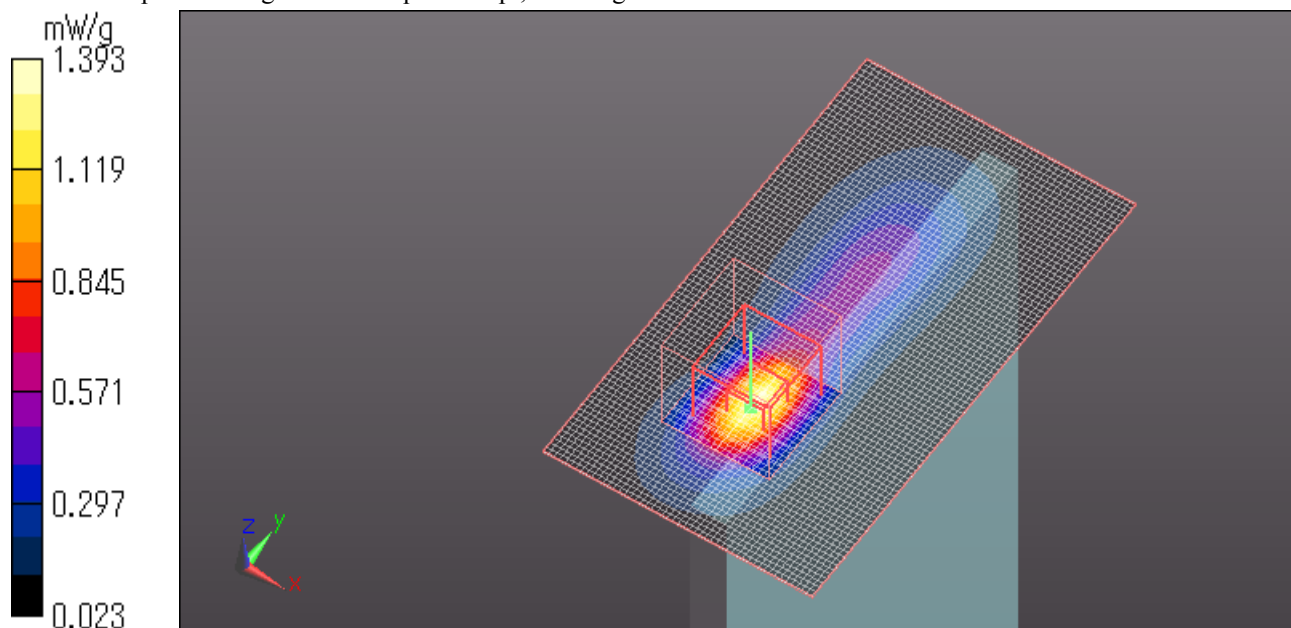
Peak SAR (extrapolated) = 1.769 W/kg

SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.472 mW/g

Maximum value of SAR (measured) = 1.393 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L PCS1900 GPRS 3slots WWAN antenna Vertex 0mm Top 45degree 1880MHz

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Duty Cycle: 1:2.76694

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.95, 7.95, 7.95); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.735 mW/g

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

Reference Value = 15.911 V/m; Power Drift = -0.21 dB

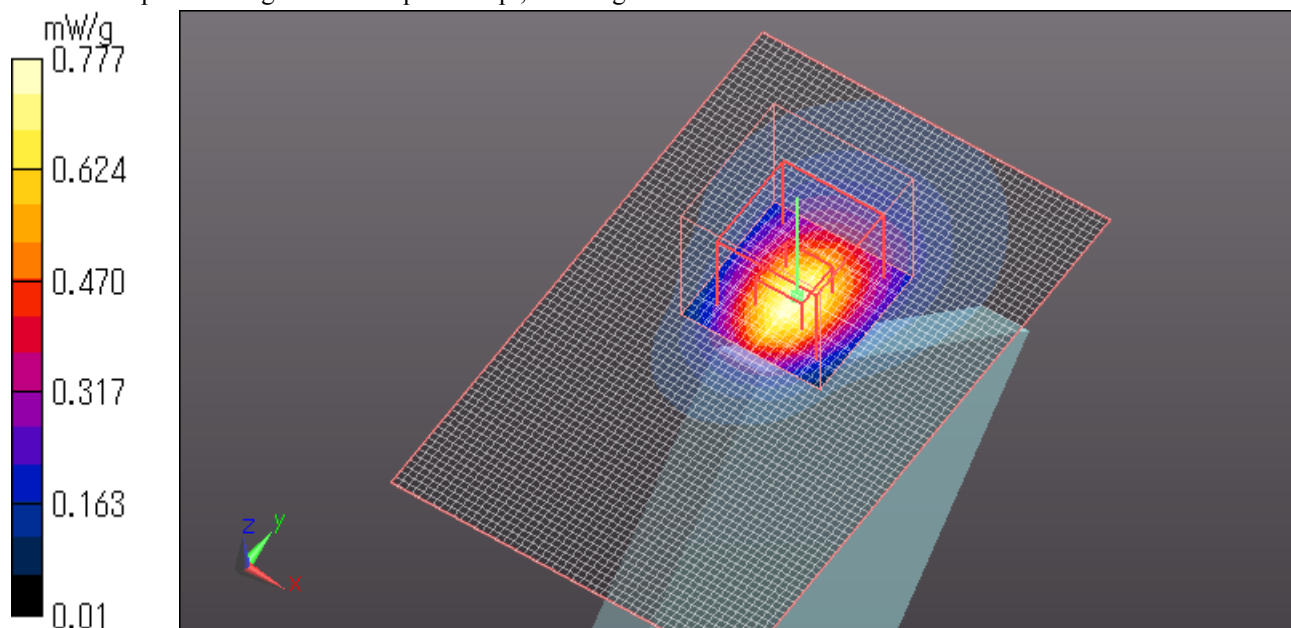
Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.777 mW/g

Date: 2011/11/07

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



vi) **WCDMA Band V Body/Body-worn**

GT-P6200L WCDMA Band V 12.2k RMC Rear 10mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.321 V/m; Power Drift = 0.06 dB

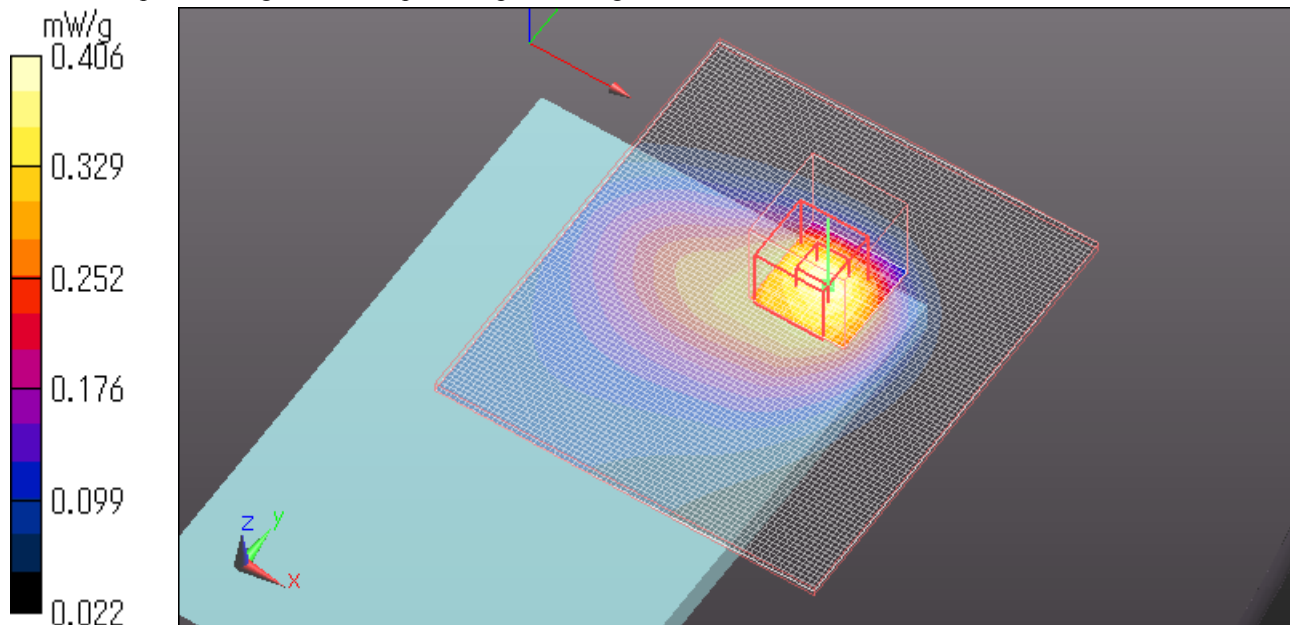
Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.214 mW/g

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

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-P6200L WCDMA Band V 12.2k RMC Rear 0mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.390 mW/g

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

Reference Value = 3.450 V/m; Power Drift = 0.01 dB

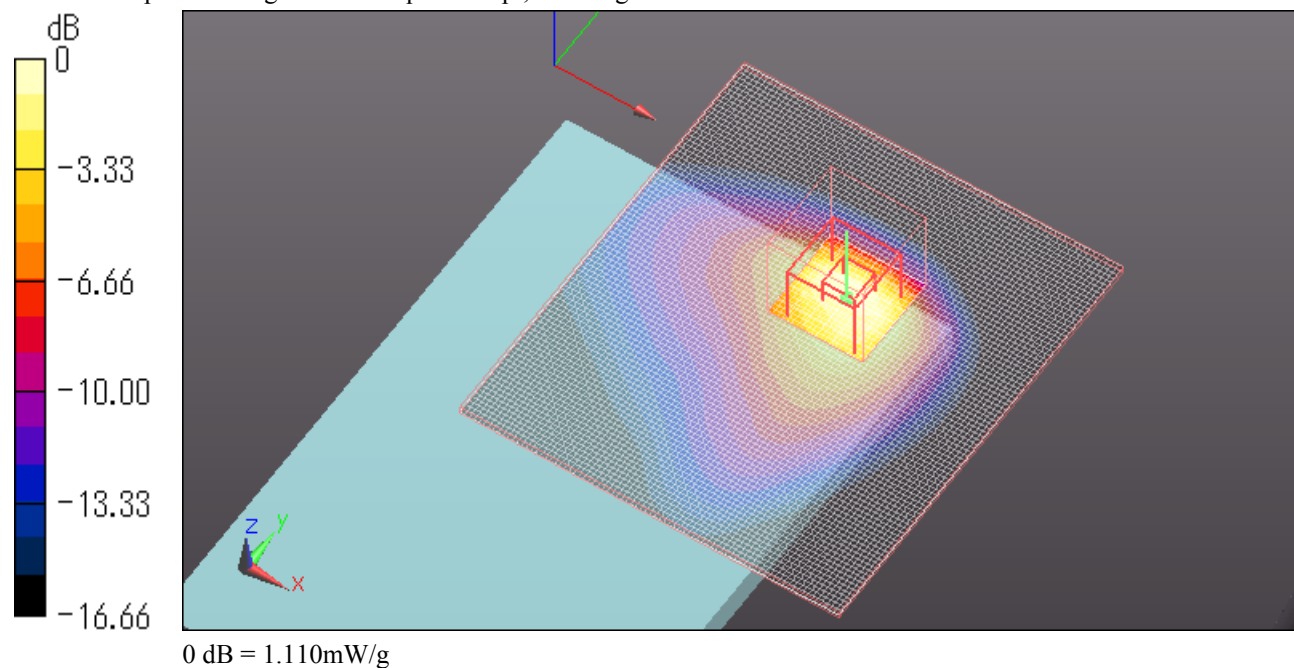
Peak SAR (extrapolated) = 1.569 W/kg

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 1.112 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Rear 0mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

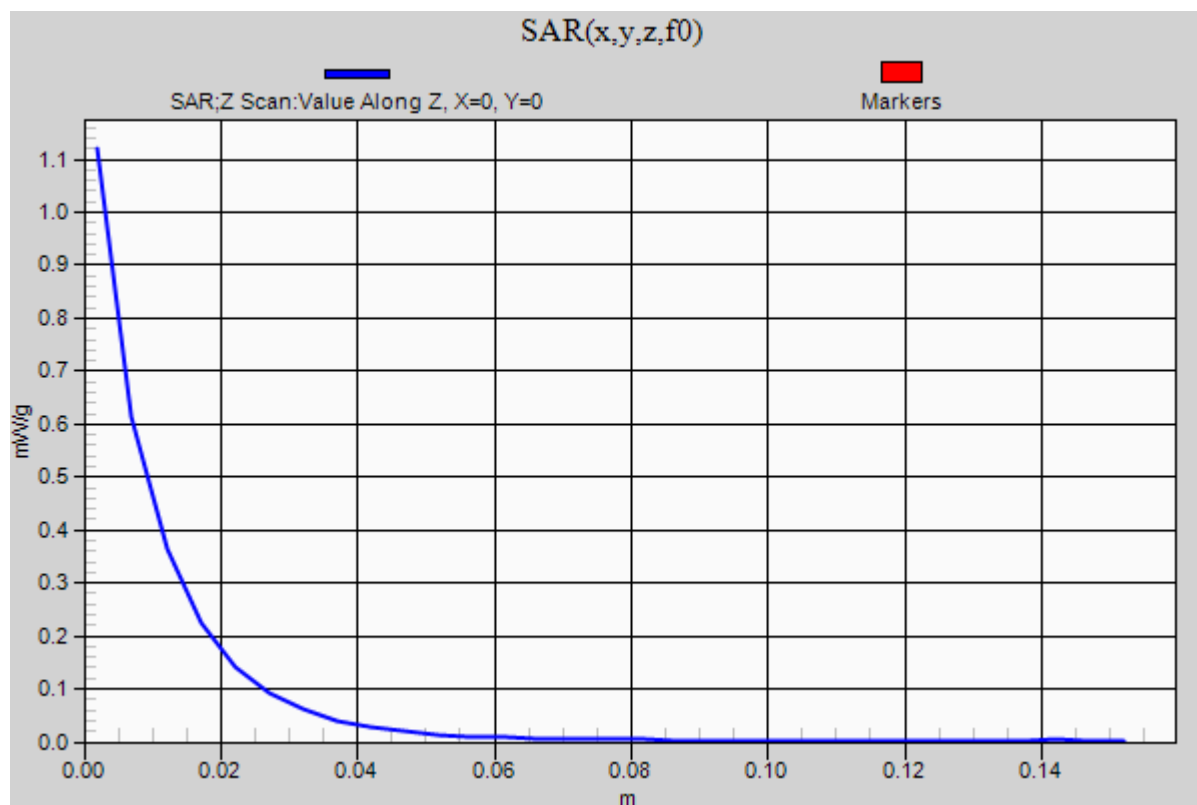
Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (measured) = 1.120 mW/g

Date: 2011/10/04, Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Top edge 5mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.588 mW/g

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

Reference Value = 25.071 V/m; Power Drift = -0.14 dB

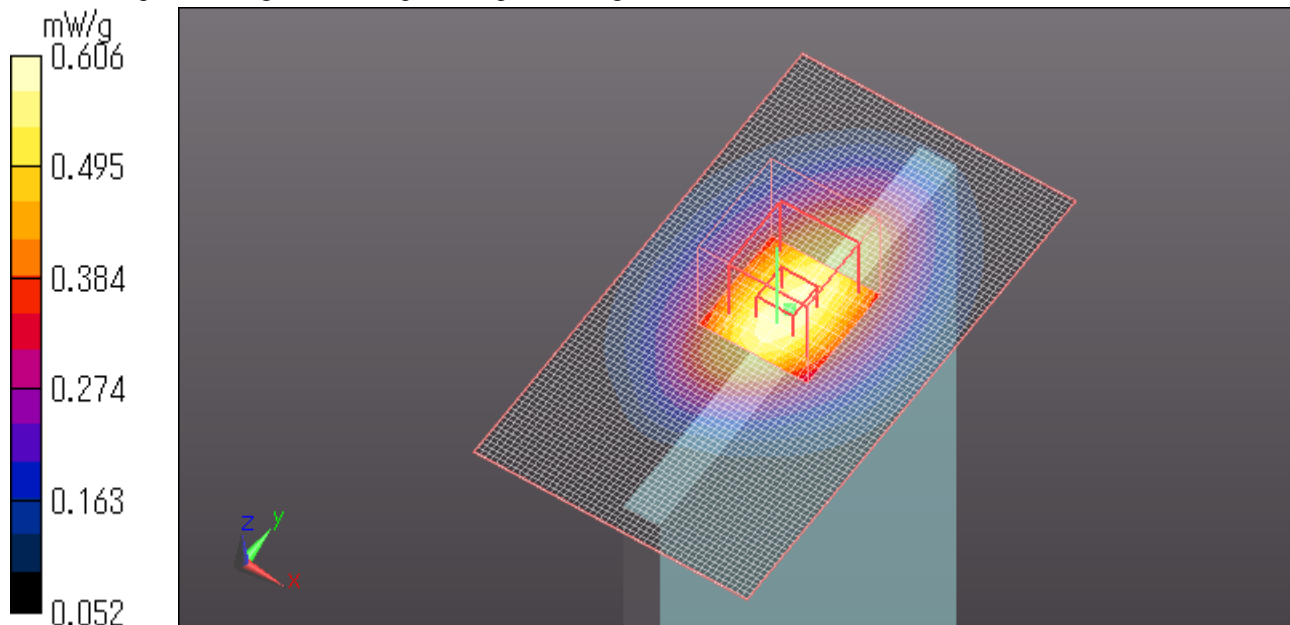
Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 0.606 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Top edge 0mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.338 mW/g

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

Reference Value = 18.508 V/m; Power Drift = -0.08 dB

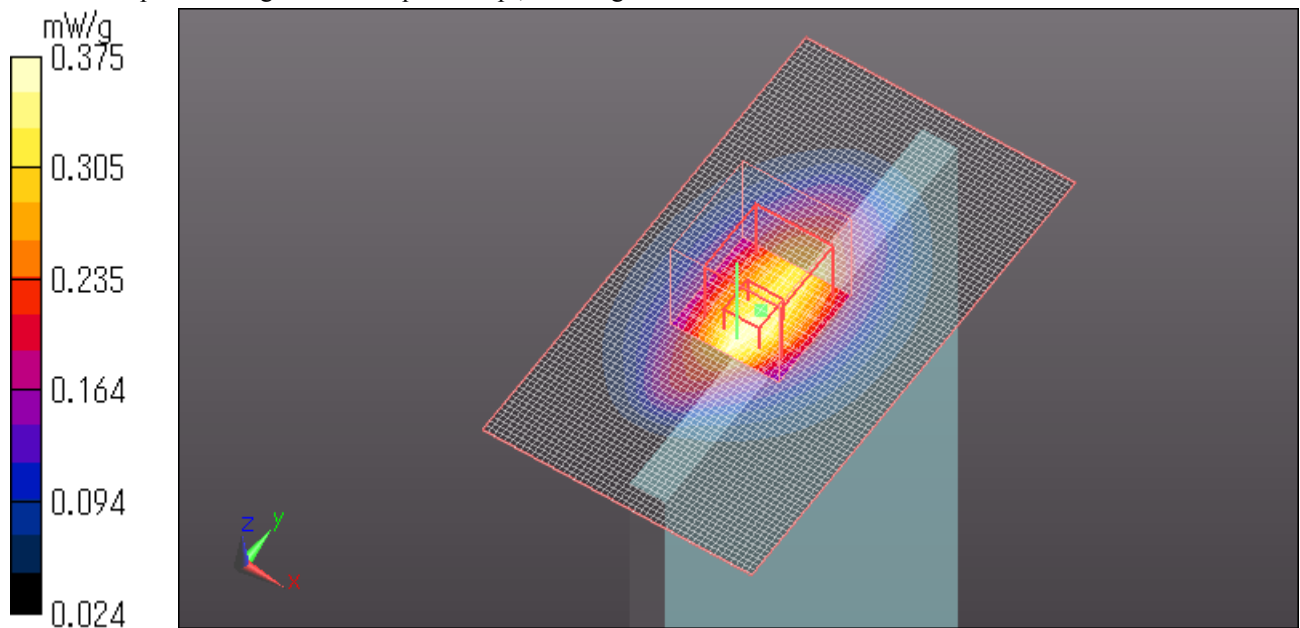
Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.375 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



GT-P6200L WCDMA Band V 12.2k RMC Left edge 0mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 54.3$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.366 mW/g

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

Reference Value = 10.199 V/m; Power Drift = 0.03 dB

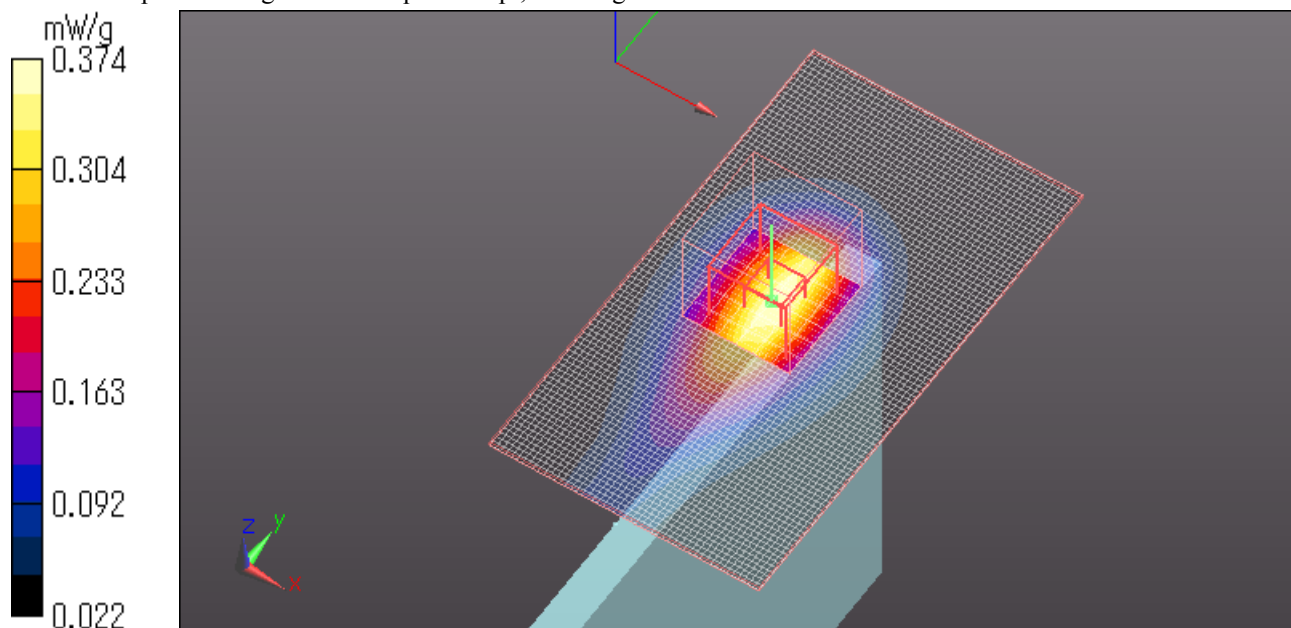
Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.171 mW/g

Maximum value of SAR (measured) = 0.374 mW/g

Date: 2011/10/04

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



<Reference DATA >GT-P6200L WCDMA Band V 12.2k RMC Front 10mm 836.6 MHz

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band;

Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$

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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.123 mW/g

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

Reference Value = 5.151 V/m; Power Drift = 0.15 dB

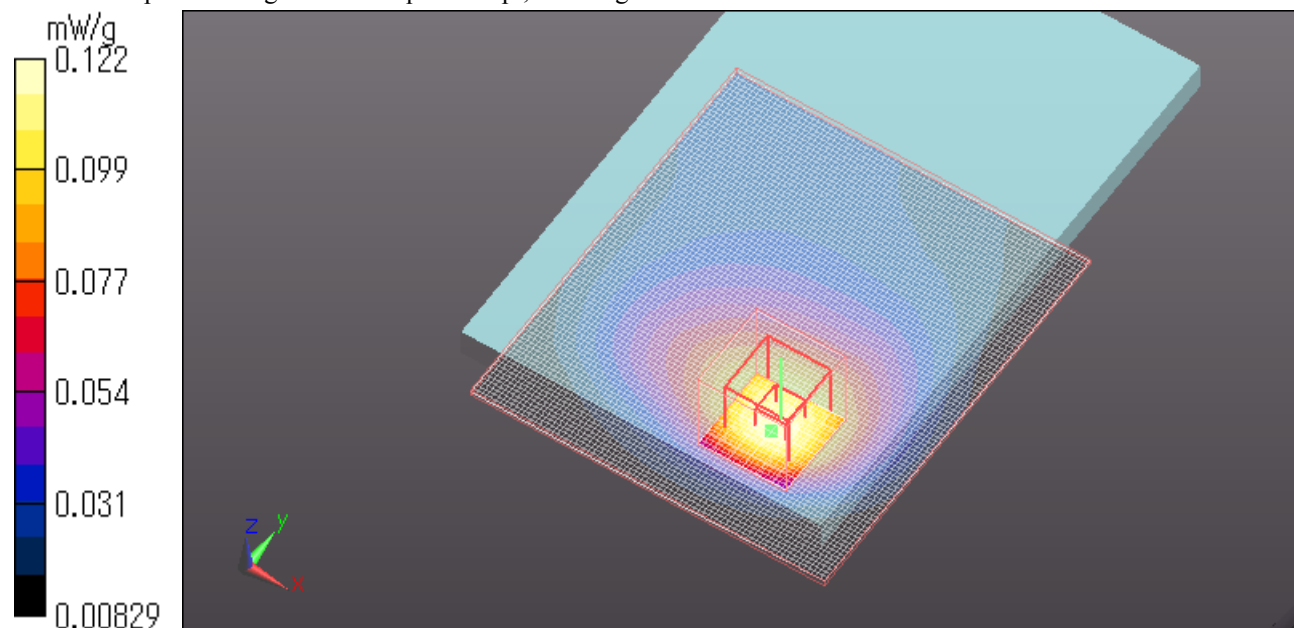
Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.070 mW/g

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

Date: 2011/10/05

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 24.5 degree.C.



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GT-6200L WCDMA band V 12.2k RMC Top 0mm 45degree 836.6MHz

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

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(10.29, 10.29, 10.29); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.204 mW/g

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

Reference Value = 17.649 V/m; Power Drift = -0.19 dB

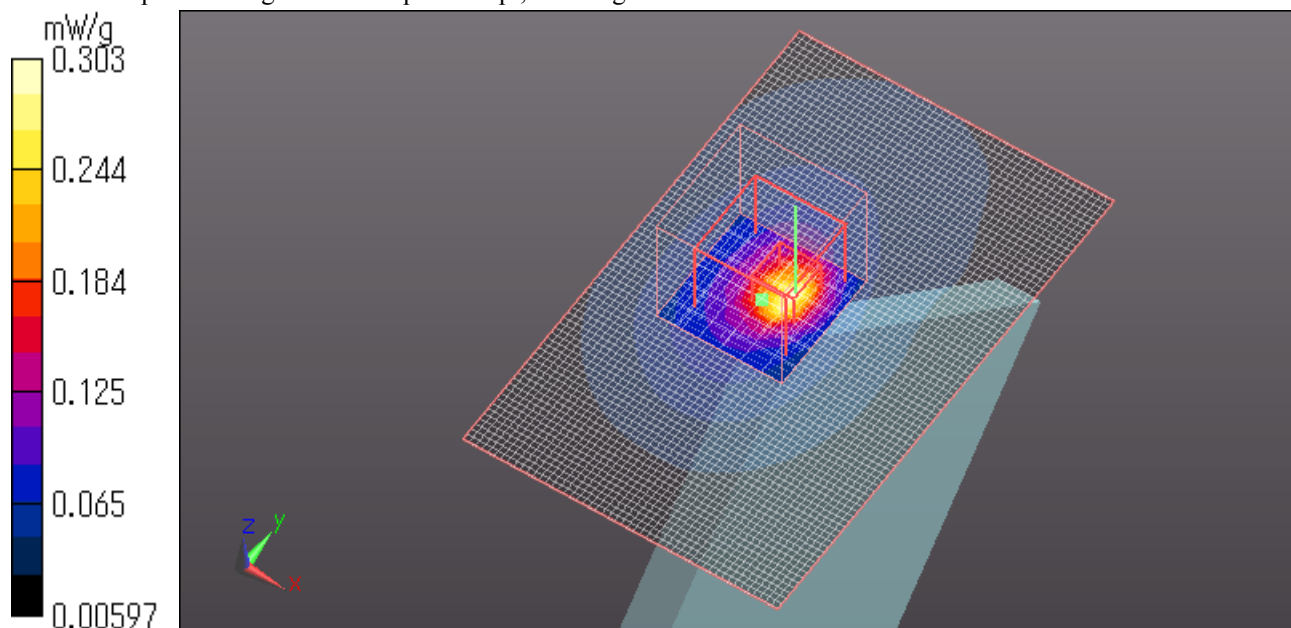
Peak SAR (extrapolated) = 0.546 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.303 mW/g

Date: 2011/11/08

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.



vii) WCDMA Band II Body/Body-worn

GT-6200L WCDMA band II 12.2k RMC Rear 10mm 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration

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

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Phantom: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.700 mW/g

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

Reference Value = 5.336 V/m; Power Drift = -0.19 dB

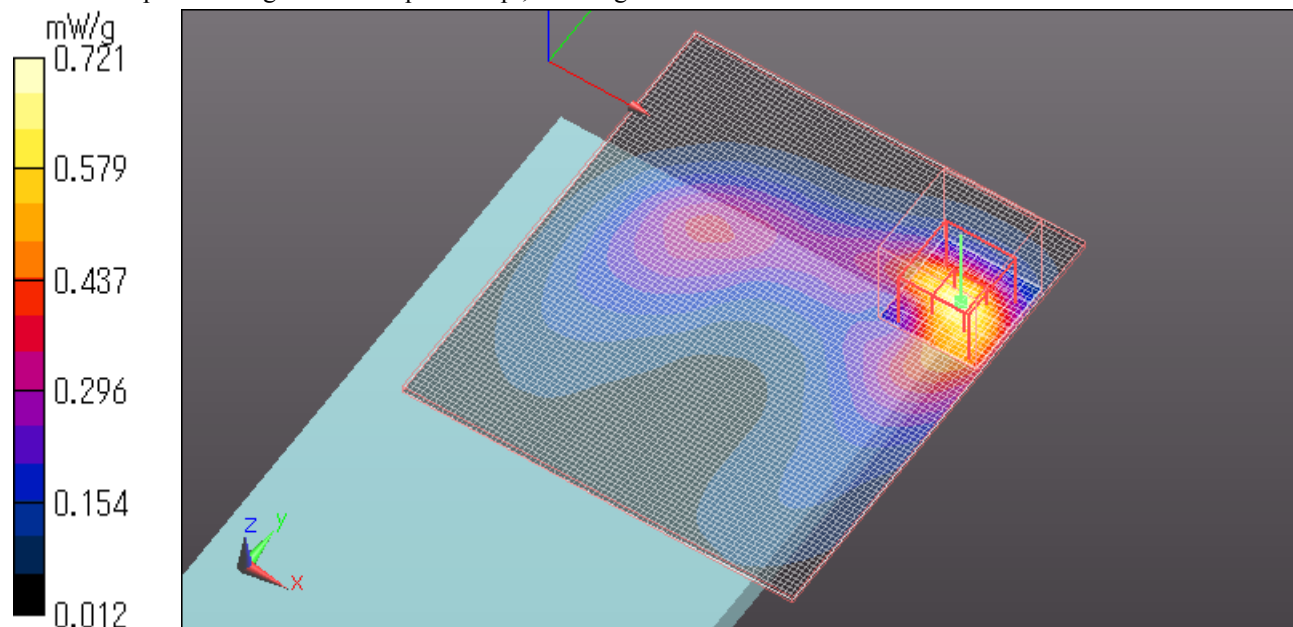
Peak SAR (extrapolated) = 0.914 W/kg

SAR(1 g) = 0.535 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.721 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



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GT-6200L WCDMA band II 12.2k RMC Rear 0mm 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.899 mW/g

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.659 V/m; Power Drift = 0.09 dB

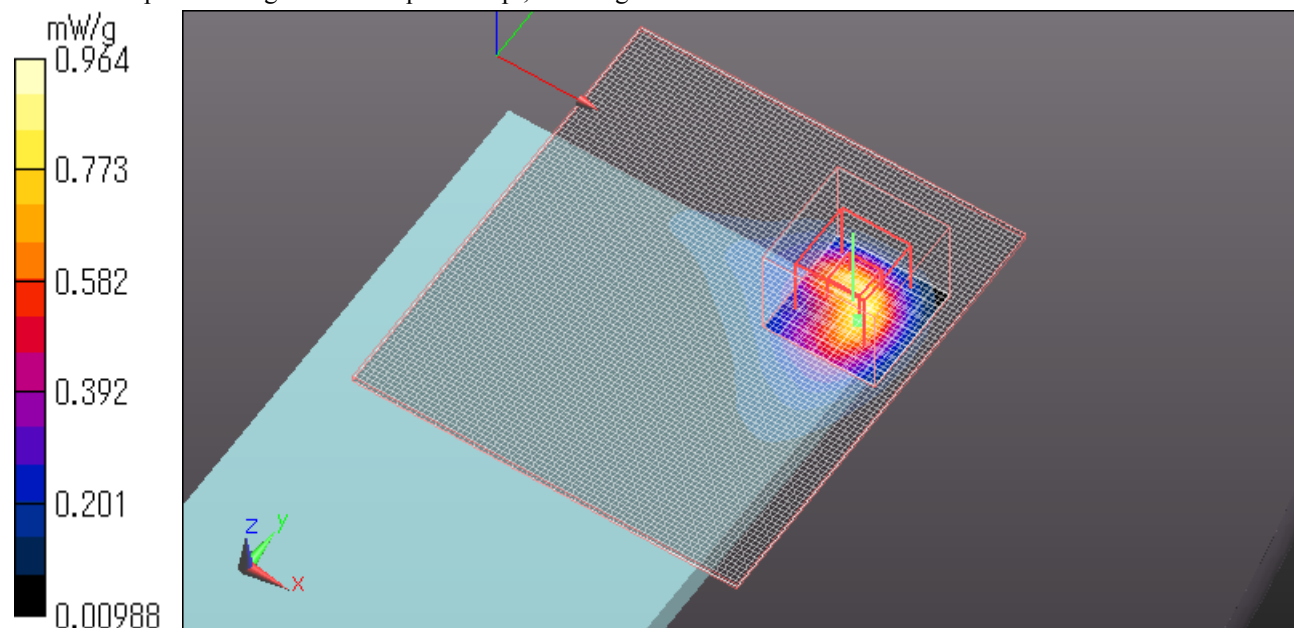
Peak SAR (extrapolated) = 1.345 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.303 mW/g

Maximum value of SAR (measured) = 0.964 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA band II 12.2k RMC Top 5mm 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 1.330 mW/g

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

Reference Value = 17.685 V/m; Power Drift = -0.16 dB

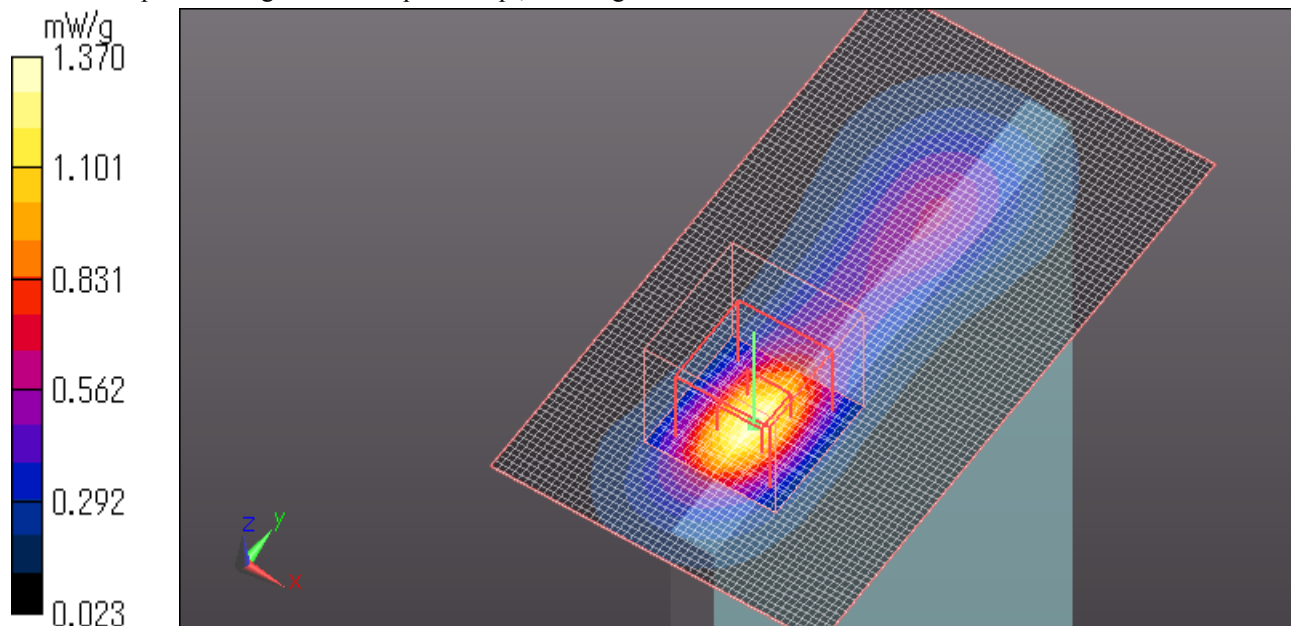
Peak SAR (extrapolated) = 1.705 W/kg

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 1.370 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA band II 12.2k RMC Top 0mm 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.713 mW/g

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

Reference Value = 13.723 V/m; Power Drift = -0.20 dB

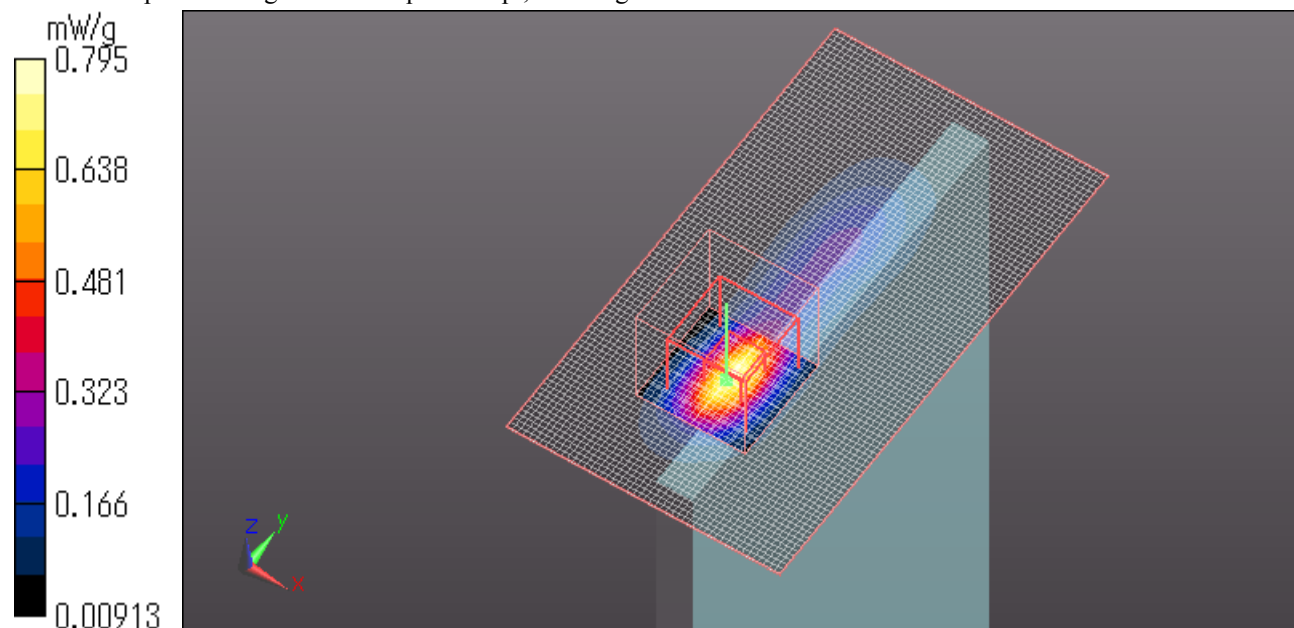
Peak SAR (extrapolated) = 1.066 W/kg

SAR(1 g) = 0.509 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 0.795 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



GT-6200L WCDMA band II 12.2k RMC Left edge 0mm 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.494 mW/g

Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.594 V/m; Power Drift = -0.12 dB

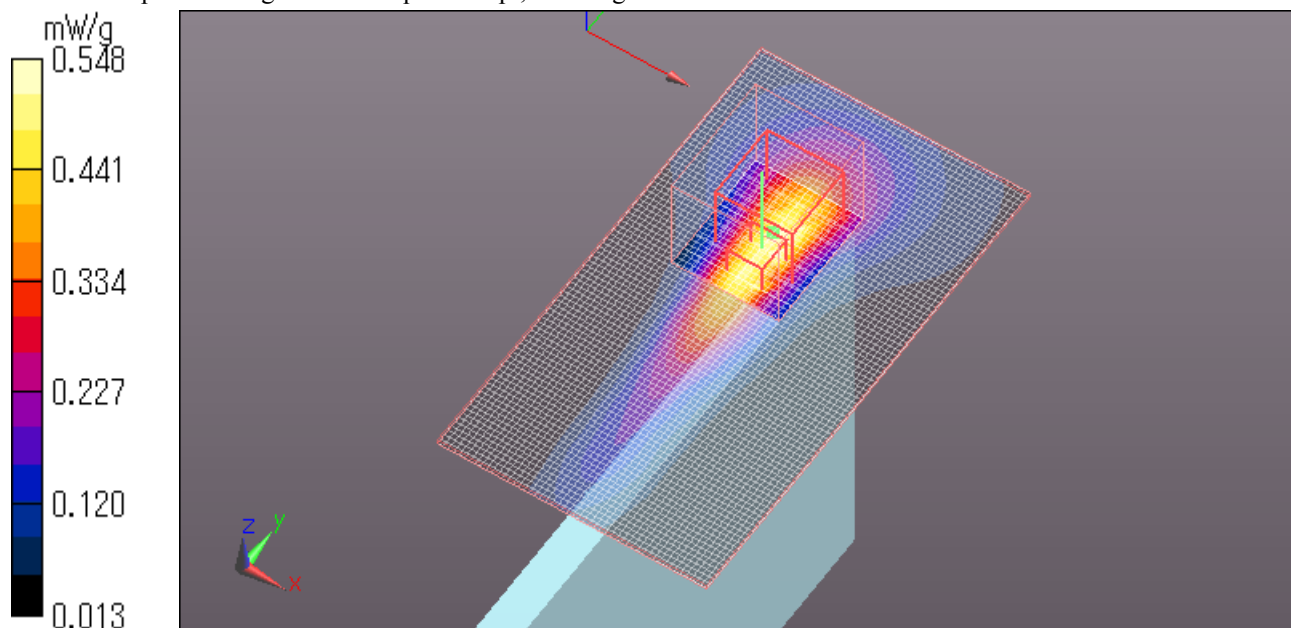
Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.183 mW/g

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

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



<Reference DATA >GT-6200L WCDMA band II 12.2k RMC Front 10mm 1880MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.57 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

Area Scan (81x91x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.162 mW/g

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

Reference Value = 2.607 V/m; Power Drift = 0.05 dB

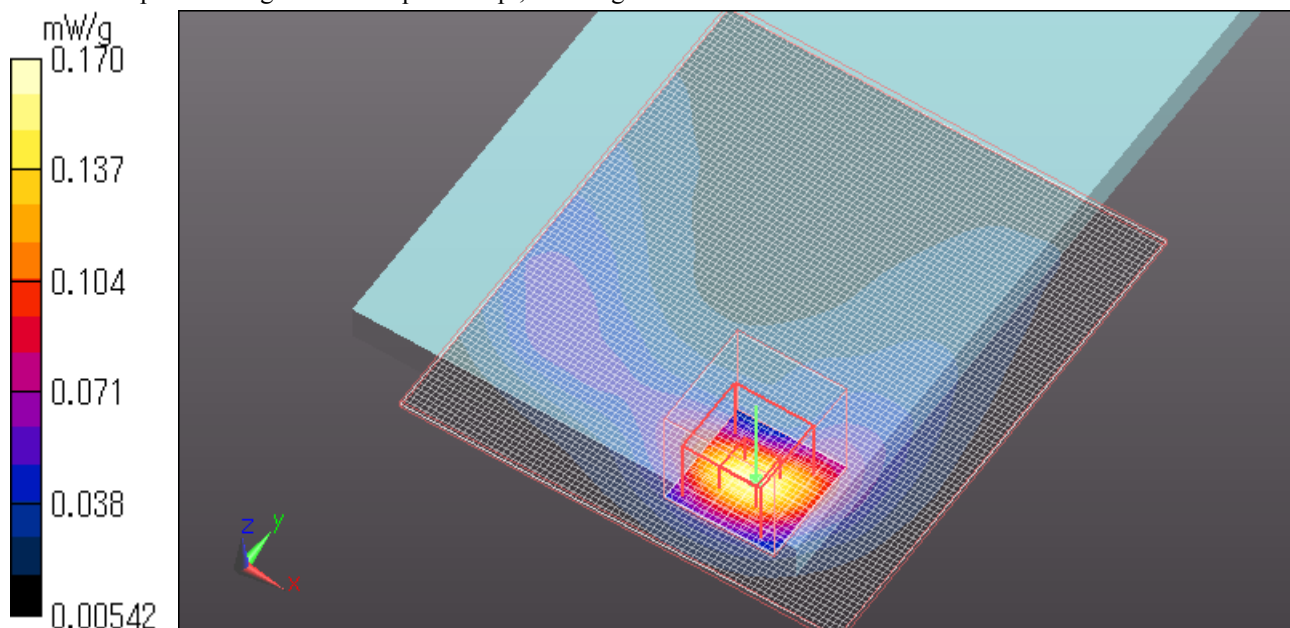
Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.066 mW/g

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

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



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GT-6200L WCDMA band II 12.2k RMC Top 5mm 1852.4MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.0$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 1.523 mW/g

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

Reference Value = 18.776 V/m; Power Drift = -0.14 dB

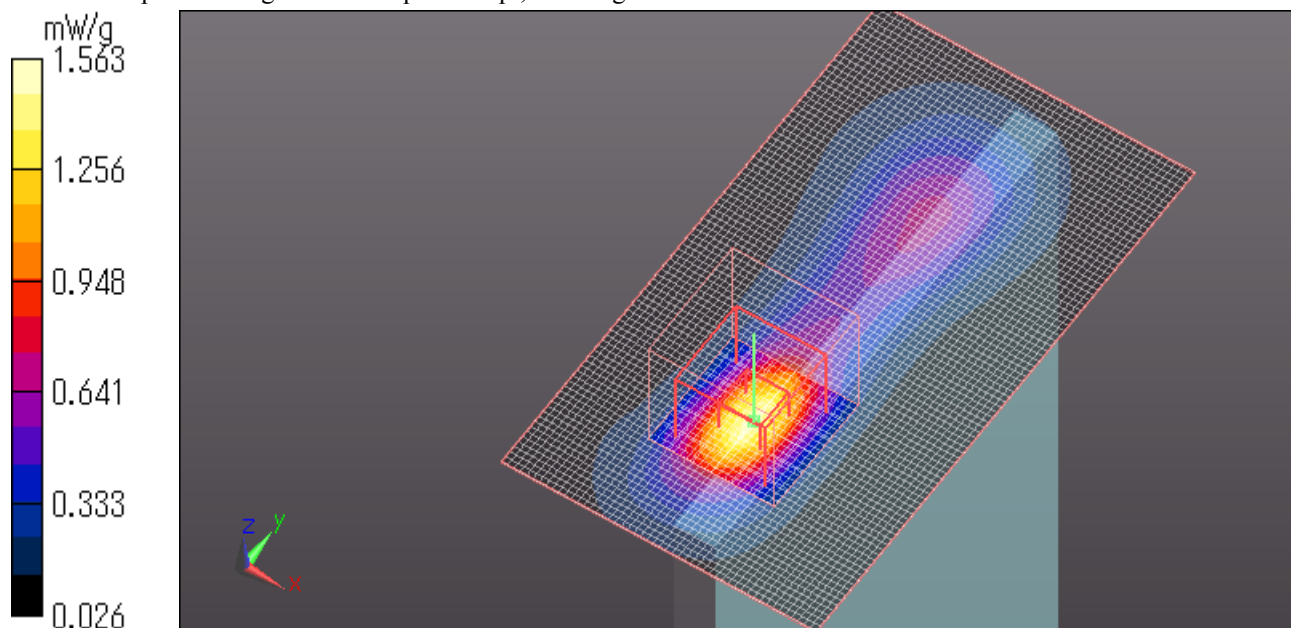
Peak SAR (extrapolated) = 1.935 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.547 mW/g

Maximum value of SAR (measured) = 1.563 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



Z Scan at maximum BodySAR in WCDMA Band II

GT-6200L WCDMA band II 12.2k RMC Top 5mm 1852.4MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.0$; $\rho = 1000$ 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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

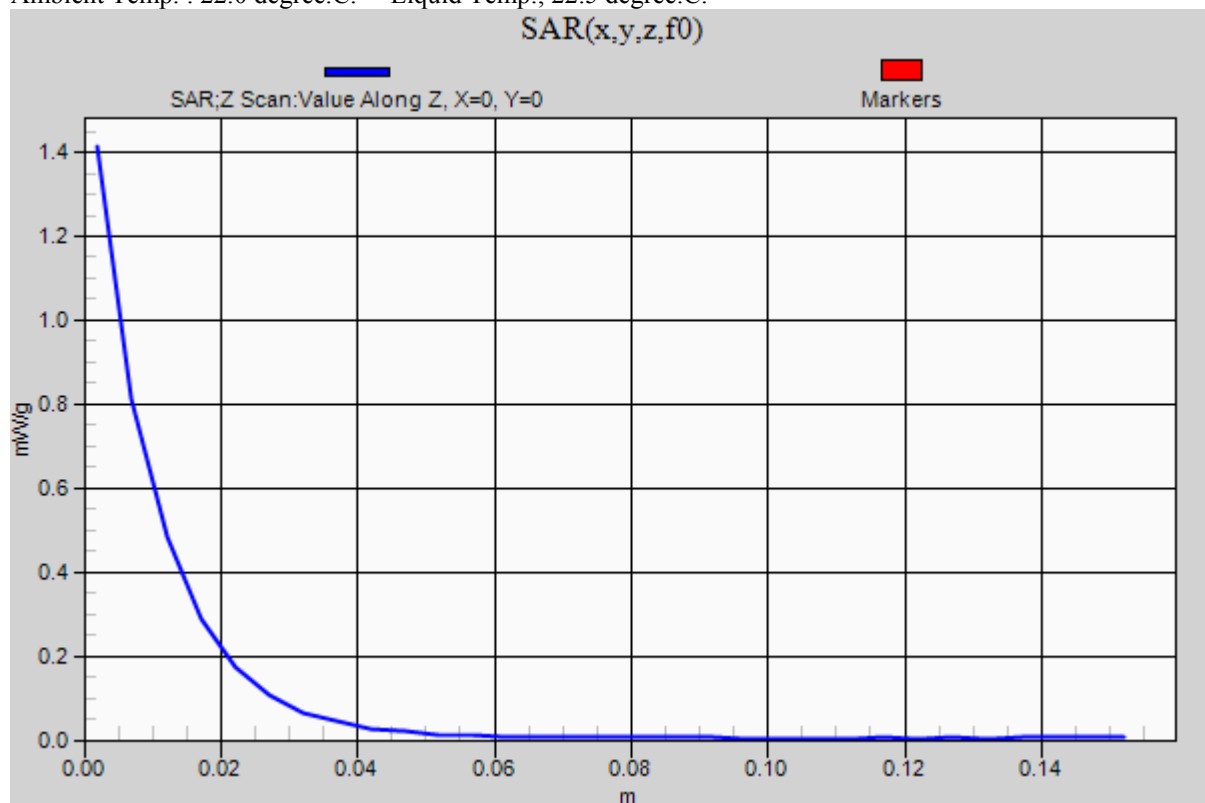
Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.552 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C. Liquid Temp.; 22.5 degree.C.



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GT-6200L WCDMA band II 12.2k RMC Top 5mm 1907.6MHz

Communication System: WCDMA Bnad II; Communication System Band: WCDMA II;

Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used (extrapolated): $f = 1907.6 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 51.8$; $\rho = 1000 \text{ kg/m}^3$

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: ELI 4.0; Type: QDOVA001BA;

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 1.428 mW/g

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

Reference Value = 18.584 V/m ; Power Drift = -0.12 dB

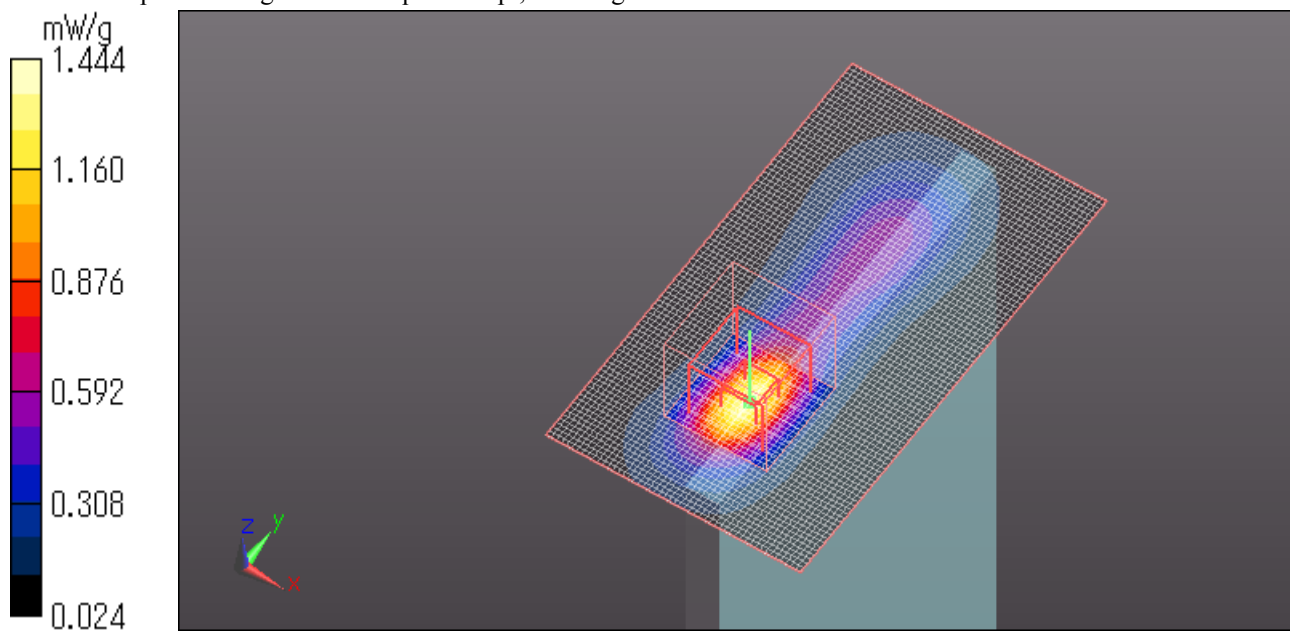
Peak SAR (extrapolated) = 1.803 W/kg

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.502 mW/g

Maximum value of SAR (measured) = 1.444 mW/g

Date: 2011/10/03

Ambient Temp. : 22.0 degree.C . Liquid Temp.; 22.5 degree.C .



GT-6200L WCDMA band II 12.2k RMC Top 0mm 45degree 1880MHz

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.57$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration

Probe: EX3DV4 - SN3540; ConvF(7.95, 7.95, 7.95); Calibrated: 2011/07/21

Sensor-Surface: 2mm (Mechanical Surface Detection)

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

Phantom: ELI 4.0; Type: QDOVA001BA

Measurement SW: DASY52, Version 52.6 (1);

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

Maximum value of SAR (interpolated) = 0.866 mW/g

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

Reference Value = 16.676 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.143 W/kg

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.898 mW/g

Date: 2011/11/07

Ambient Temp. : 24.0 degree.C. Liquid Temp.; 23.5 degree.C.

