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 . 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

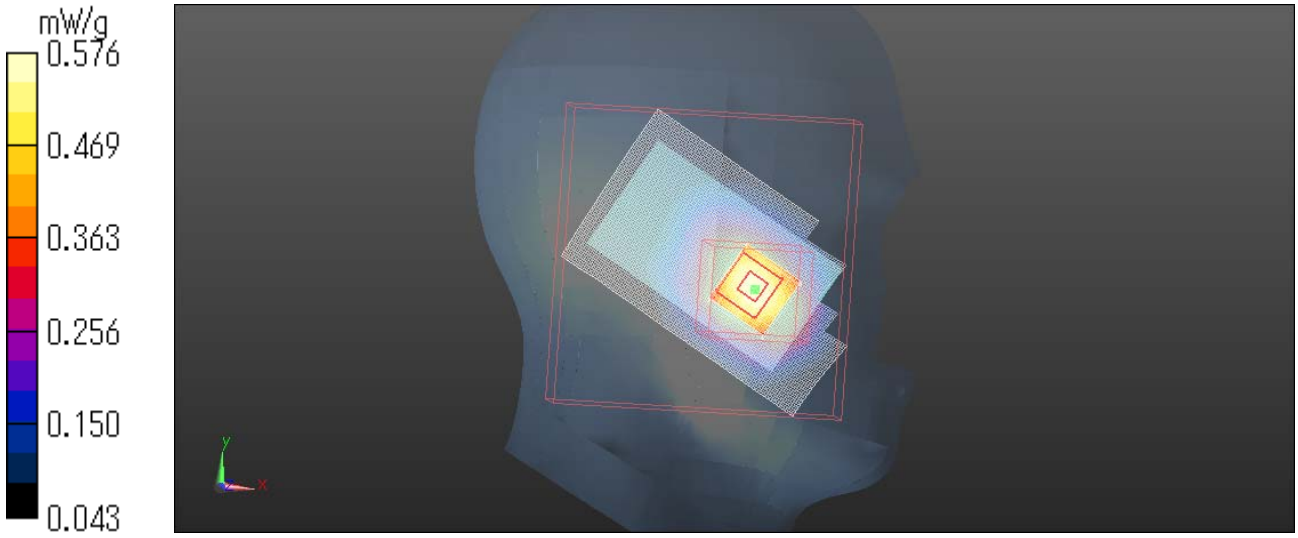
i) GSM850 Head

GT-5360B_GSM850_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; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.587 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.628 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.345 mW/g
Maximum value of SAR (measured) = 0.576 mW/g
Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



GT-5360B_GSM850_836.6MHz _Left_Tilt

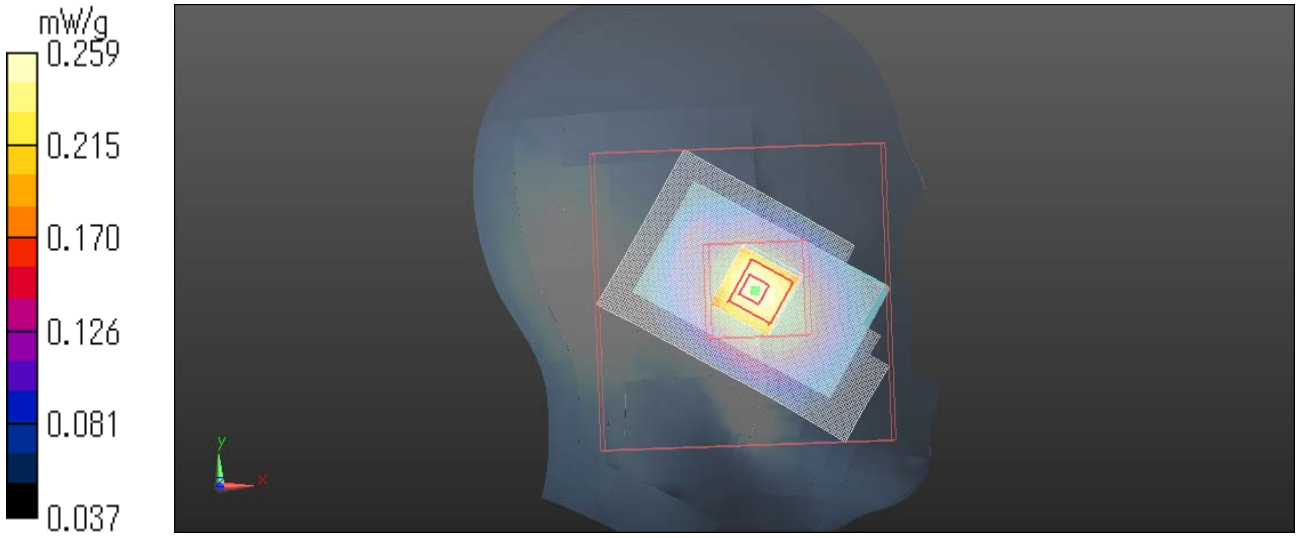
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
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/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.259 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.146 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.286 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.259 mW/g

Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



GT-5360B_GSM850_836.6MHz _Right_Cheek

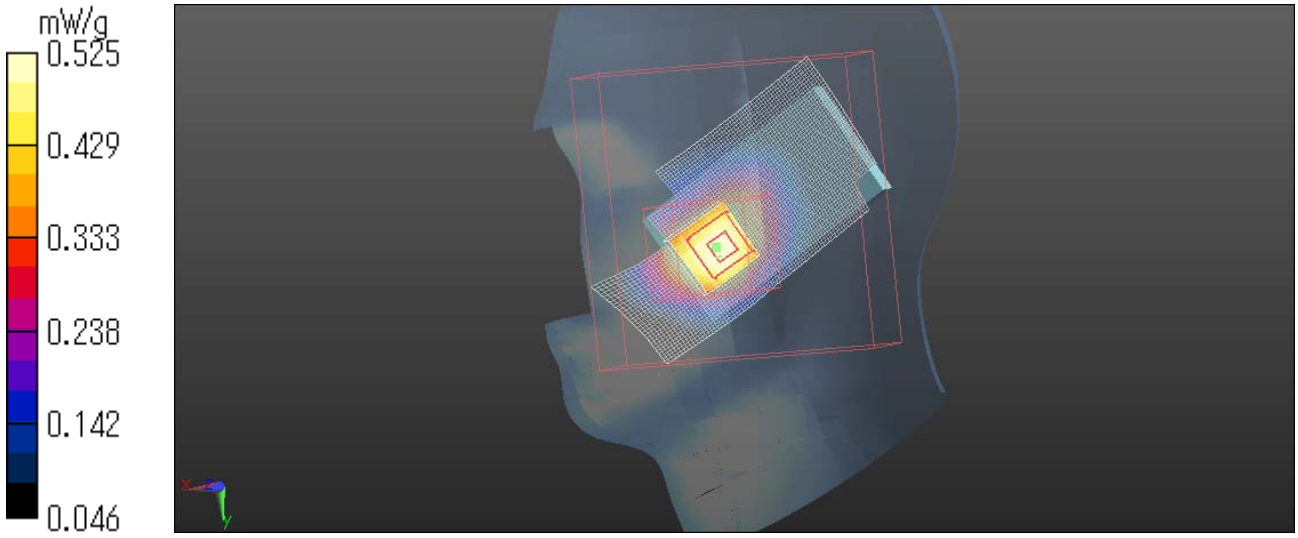
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
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 (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.536 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.886 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.525 mW/g

Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



GT-5360B_GSM850_836.6MHz _Right_Tilt

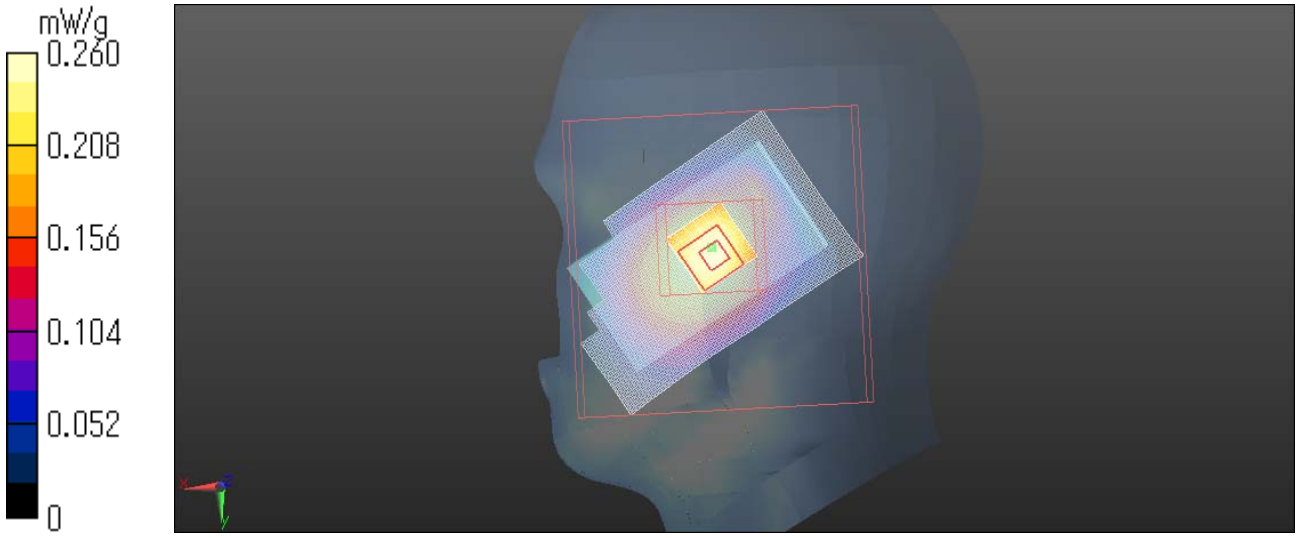
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.260 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.175 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.279 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.164 mW/g
Maximum value of SAR (measured) = 0.254 mW/g

Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.

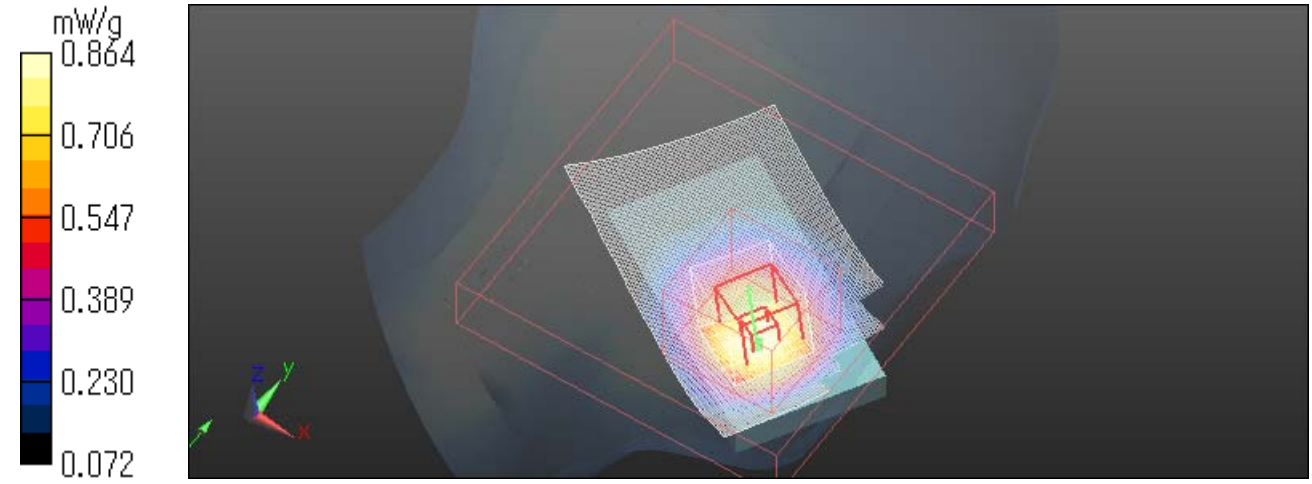


GT-5360B_GSM850_GPRS 2Slots (VOIP) 836.6MHz _Left_Cheek

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; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.864 mW/g

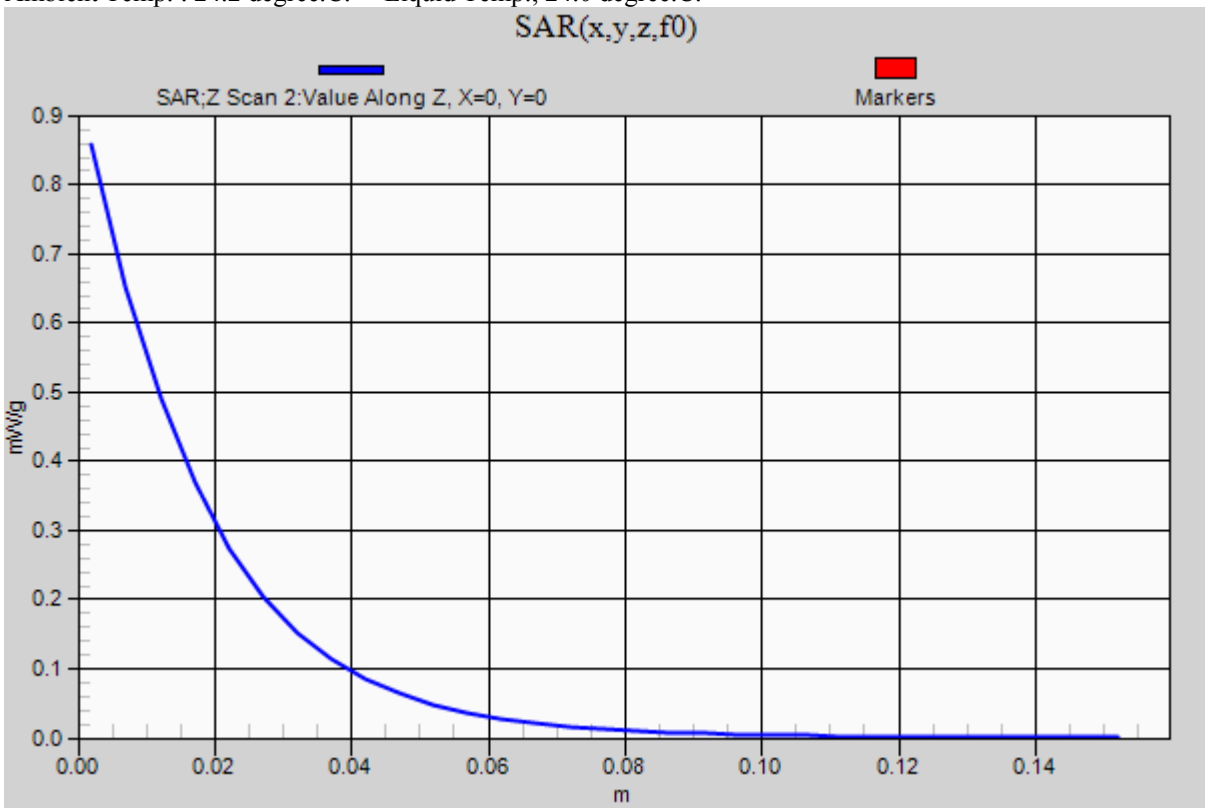
Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.245 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.969 W/kg
SAR(1 g) = 0.733 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.864 mW/g
Date: 2011/08/10
Ambient Temp. : 24.2degree.C. Liquid Temp.; 24.0 degree.C.



Z Scan at Maximum HEAD SAR position in GSM850 band

GT-5360B_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; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 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/Z Scan 2 (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.858 mW/g
Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



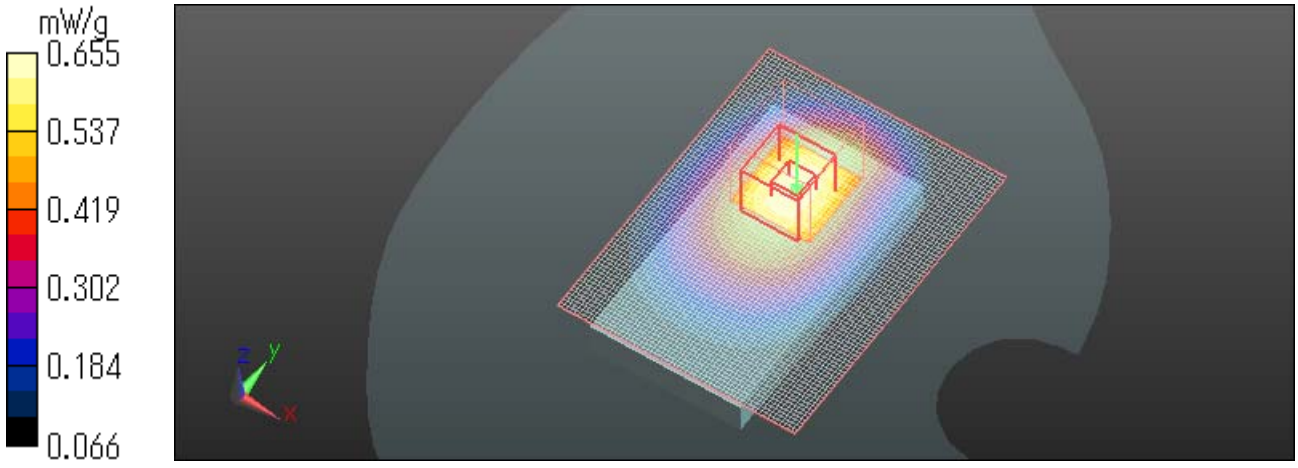
ii) GSM850 Body/Body-worn

GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.652 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.478 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.752 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.395 mW/g

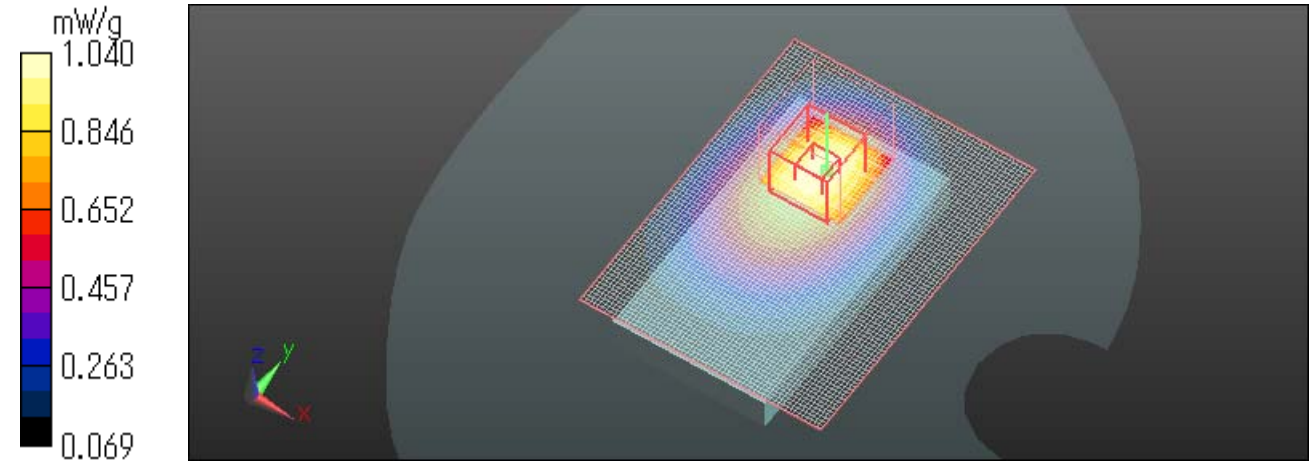
Maximum value of SAR (measured) = 0.655 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 1.074 mW/g

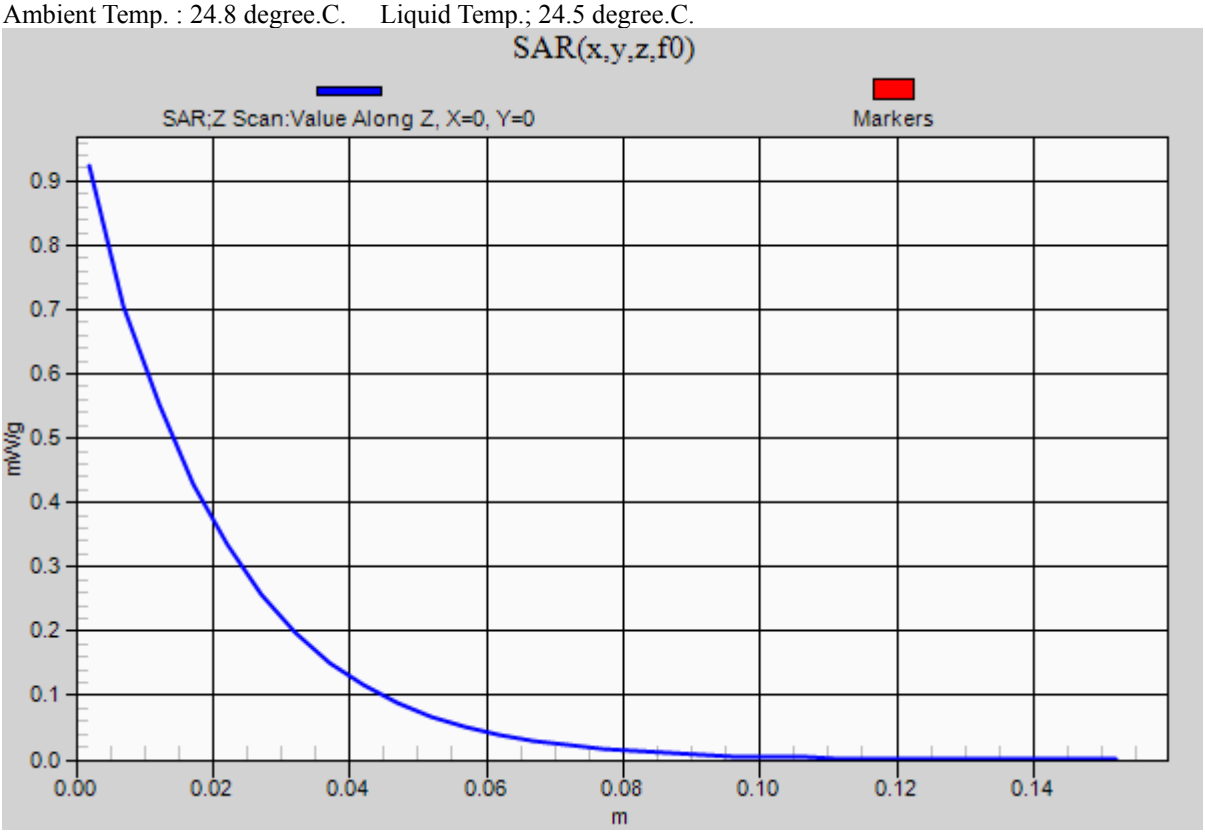
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.526 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.206 W/kg
SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.595 mW/g
Maximum value of SAR (measured) = 1.040 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



Z Scan at Maximum Body SAR position in GSM850 band

GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.6 (1);

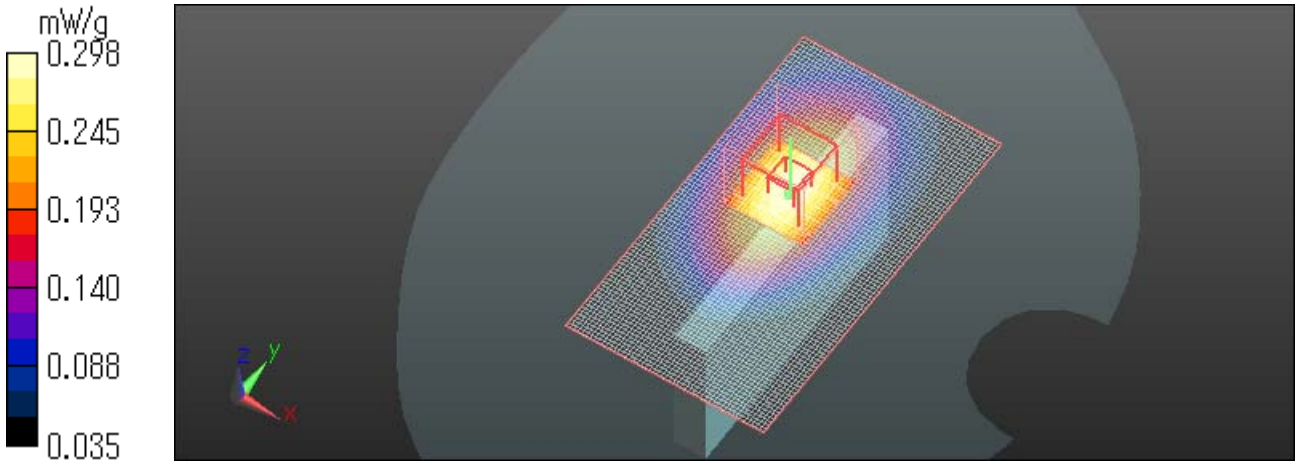
Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.929 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.299 mW/g

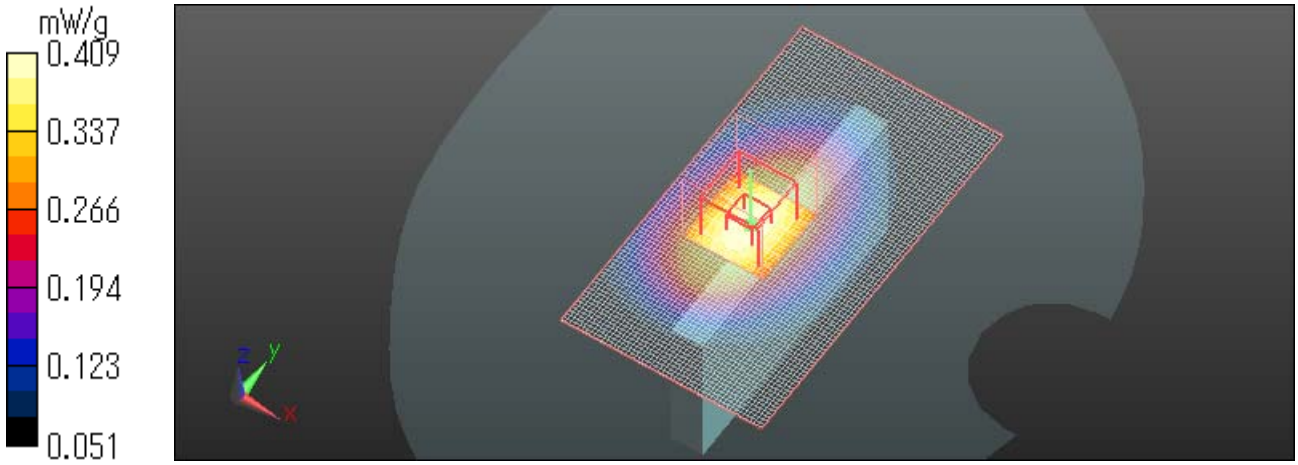
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.877 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.347 W/kg
SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.298 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.412 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.364 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.237 mW/g
Maximum value of SAR (measured) = 0.409 mW/g
Date: 2011/08/13
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.

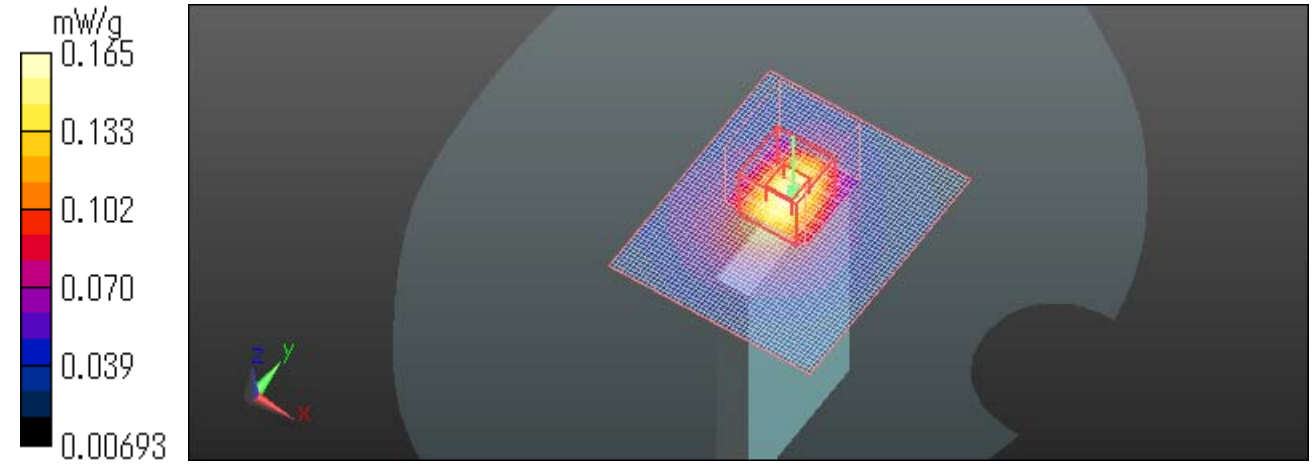


GT-S5360B_GSM850 (GPRS)_2slots_836.6MHz_Bottom edge_10mm
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 835 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement 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: 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) = 0.168 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.483 V/m; Power Drift = -0.0056 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.068 mW/g

Maximum value of SAR (measured) = 0.165 mW/g
Date: 2011/08/13
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.

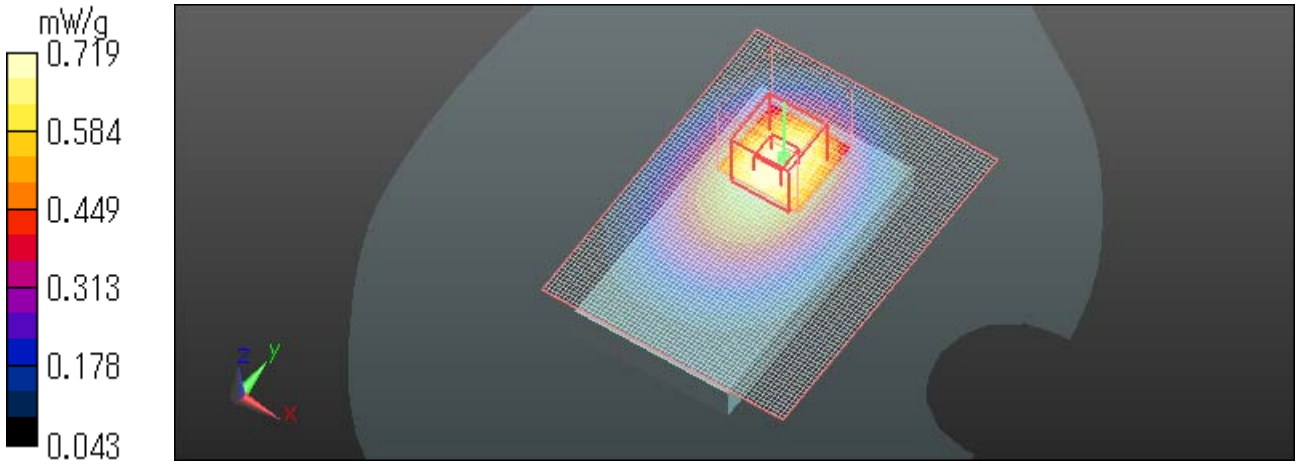


GT-S5360B_GSM850 (GSM)_836.6MHz_Back_10mm
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 835 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 835 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: 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: 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) = 0.743 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.536 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.410 mW/g

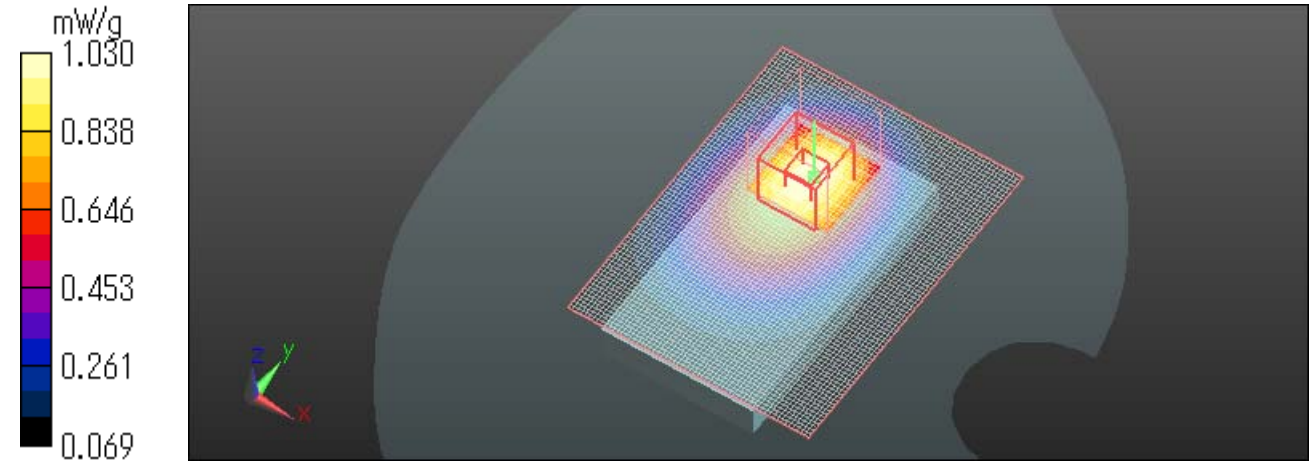
Maximum value of SAR (measured) = 0.719 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 1.056 mW/g

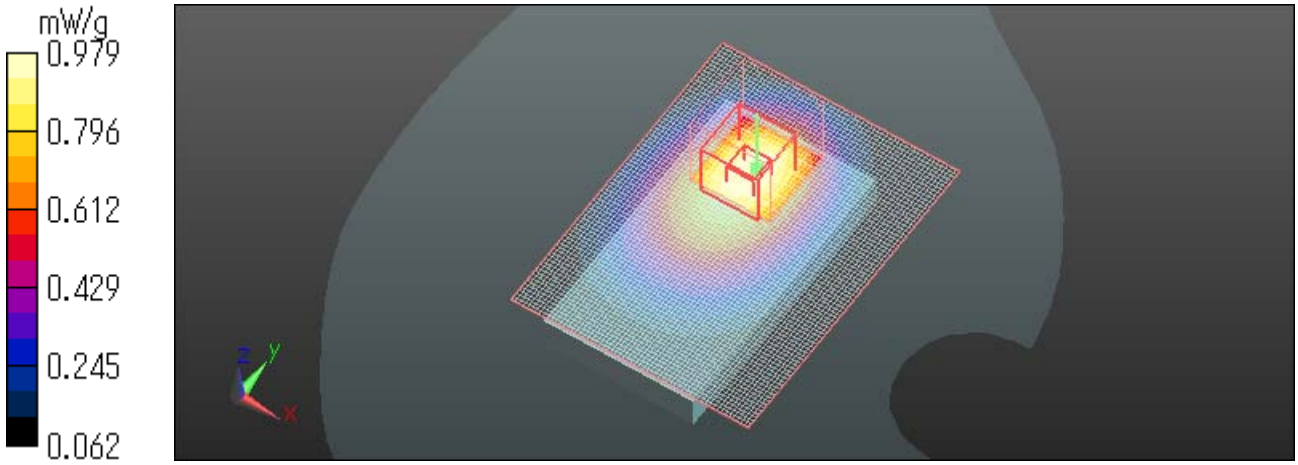
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.088 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.201 W/kg
SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.588 mW/g
Maximum value of SAR (measured) = 1.030 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 1.014 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.791 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.146 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.566 mW/g
Maximum value of SAR (measured) = 0.979 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



iii) PCS1900 Head

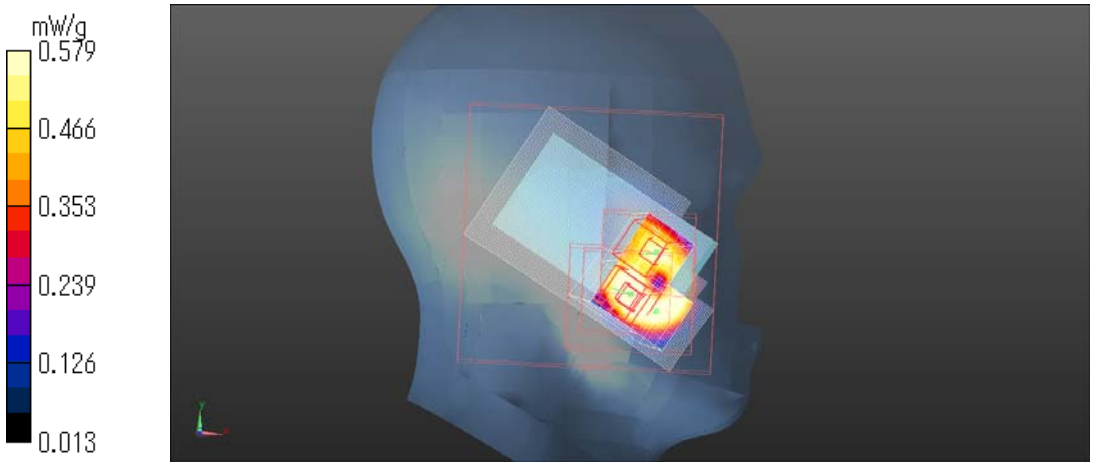
GT-5360B_PCS1900_1880MHz_Left_Cheek

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; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
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) = 0.886 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.589 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.104 W/kg
SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.851 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 = 8.589 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.094 W/kg
SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.859 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 3 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.589 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.579 mW/g
Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



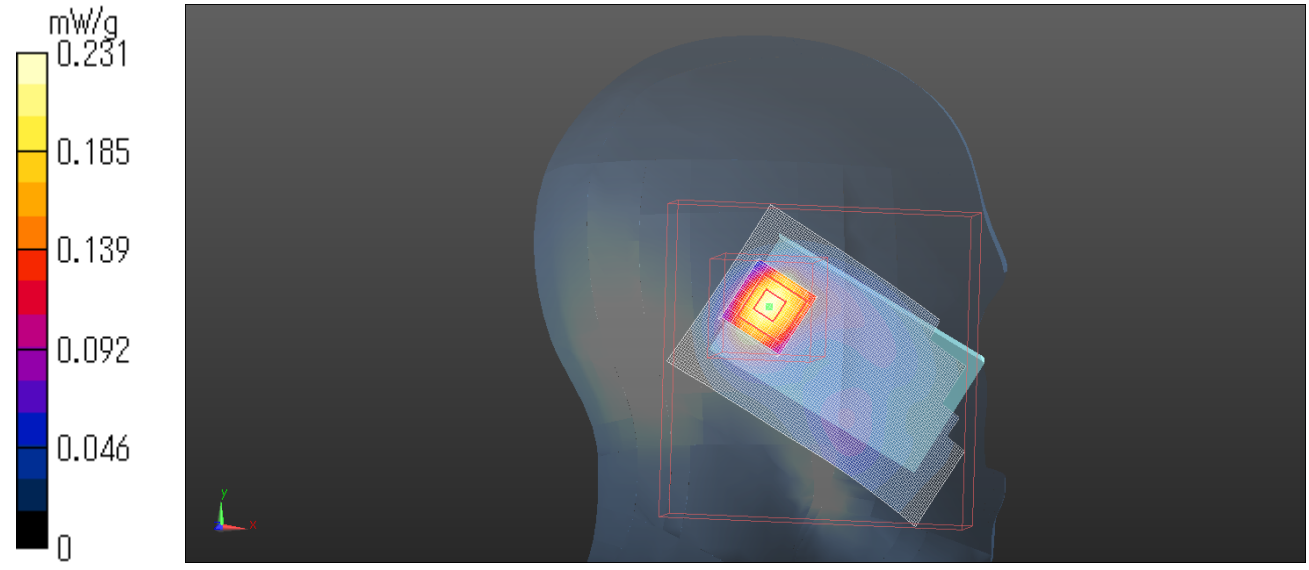
GT-5360B_PCS1900_1880MHz_Left_Tilt

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; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
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/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.231 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.743 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.226 mW/g

Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C..



GT-5360B_PCS1900_1880MHz _Right_Cheek

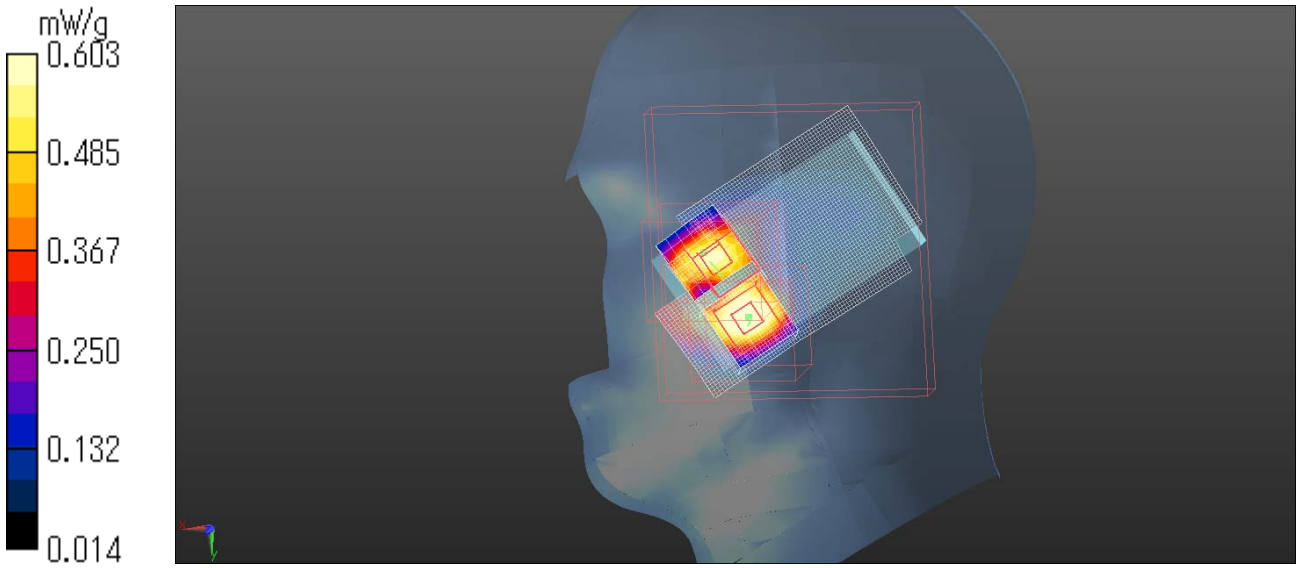
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
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/Touch Position - Mid/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.733 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.325 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.858 W/kg
SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.305 mW/g
Maximum value of SAR (measured) = 0.709 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 = 9.325 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.779 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.603 mW/g

Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C..



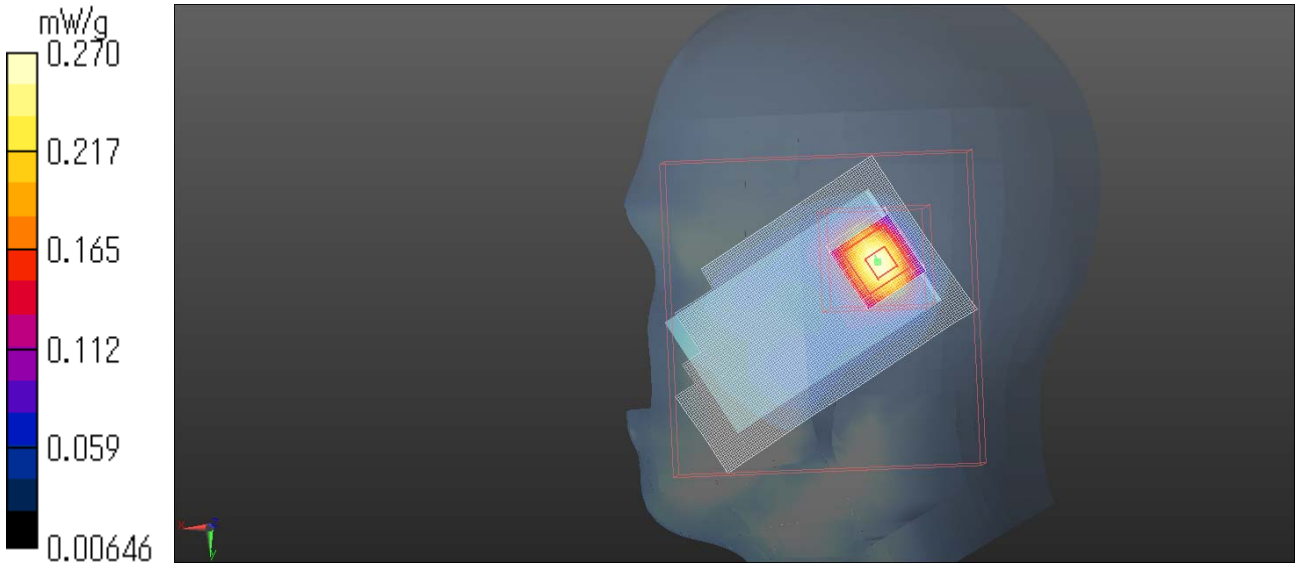
GT-5360B_PCS1900_1880MHz _Right_Tilt

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; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
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) = 0.274 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.028 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.270 mW/g
Date: 2011/08/10,
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



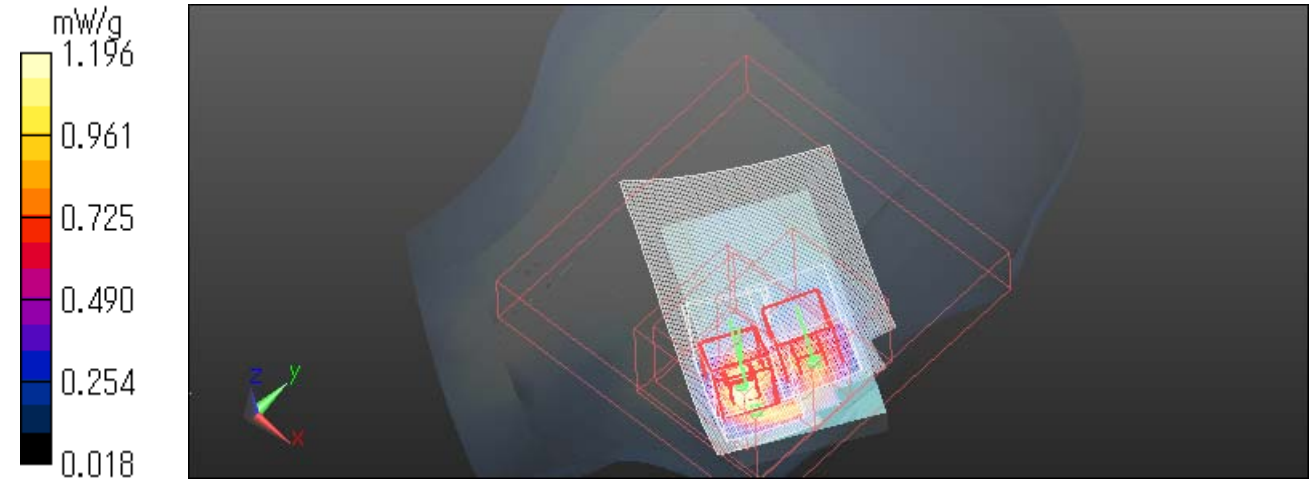
GT-5360B_PCS1900_GPRS 2slots (VOIP) 1880MHz_Left_Cheek
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:4.19952
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
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) = 1.196 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.650 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.565 W/kg
SAR(1 g) = 0.852 mW/g; SAR(10 g) = 0.426 mW/g
Maximum value of SAR (measured) = 1.196 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.650 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.541 W/kg
SAR(1 g) = 0.848 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 1.200 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 3 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.650 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.028 W/kg
SAR(1 g) = 0.629 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.816 mW/g
Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.

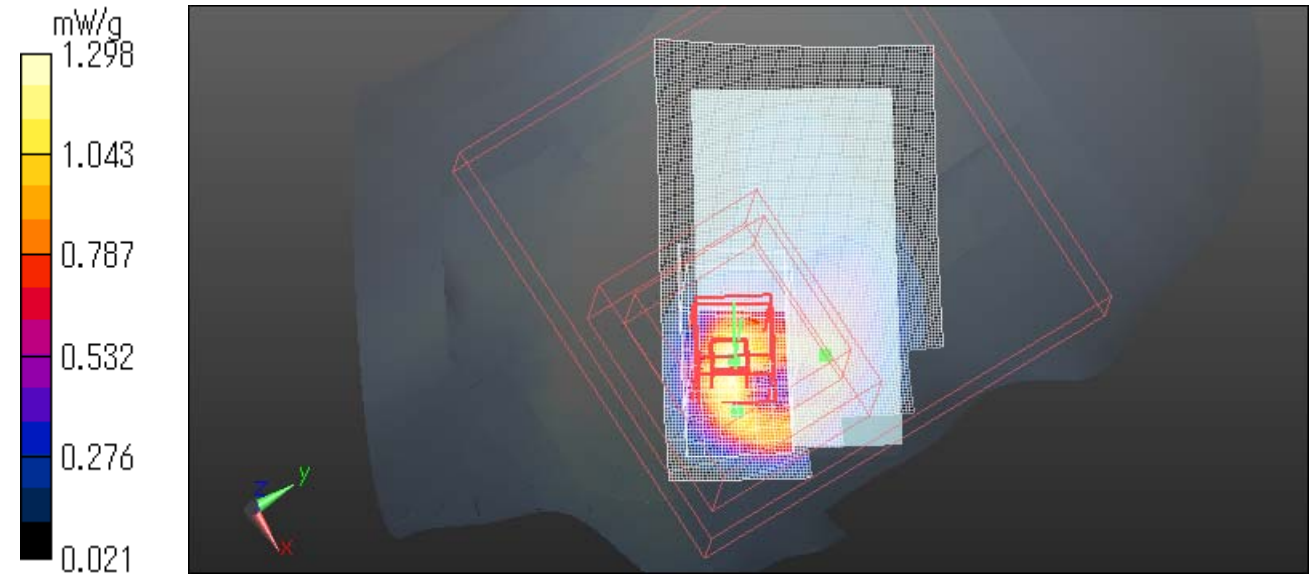


GT-5360B_PCS1900_GPRS 2slots (VOIP) 1850.2MHz _Left_Cheek
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:4.19952
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
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) = 1.280 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.842 V/m; Power Drift = -0.0098 dB
Peak SAR (extrapolated) = 1.698 W/kg
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.464 mW/g
Maximum value of SAR (measured) = 1.296 mW/g

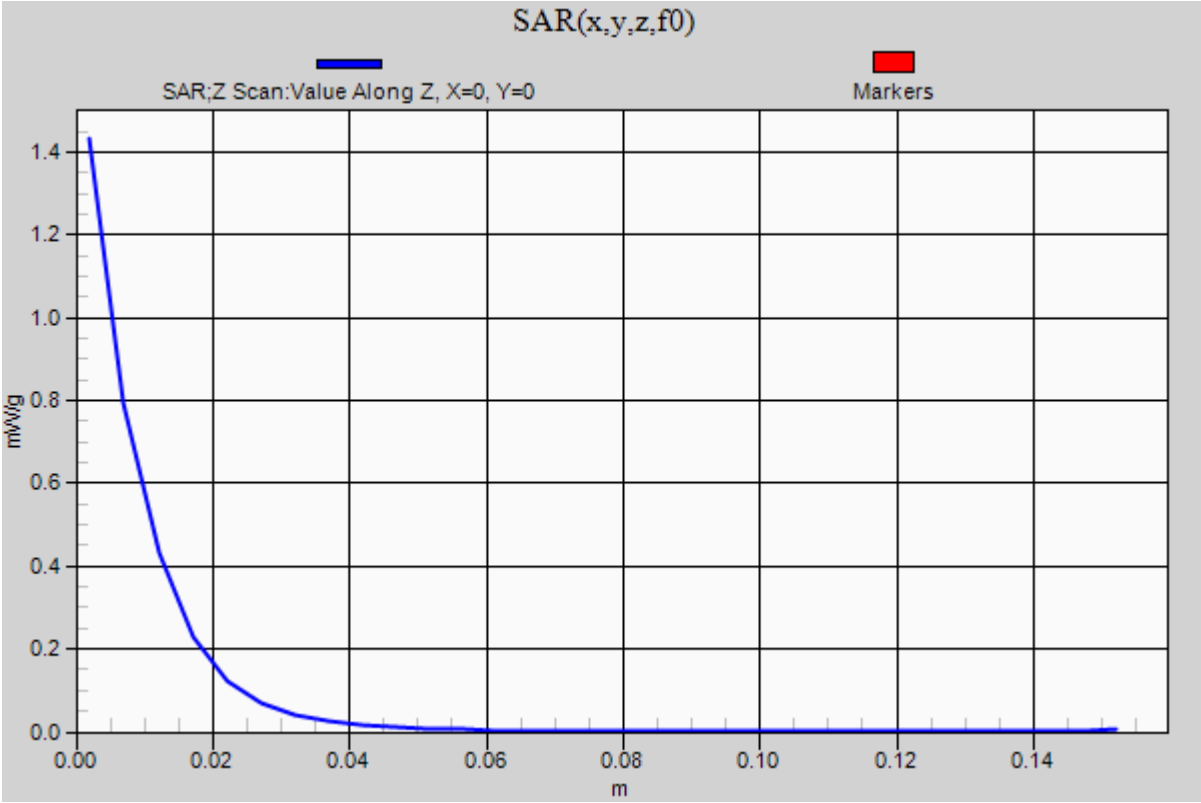
Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (7x10x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.842 V/m; Power Drift = -0.0098 dB
Peak SAR (extrapolated) = 1.663 W/kg
SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 1.306 mW/g
Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.



Z Scan at Maximum HEAD SAR position in PCS1900 Band

GT-5360B_PCS1900_GPRS 2slots (VOIP) 1850.2MHz _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; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
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) = 1.433 mW/g
Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.

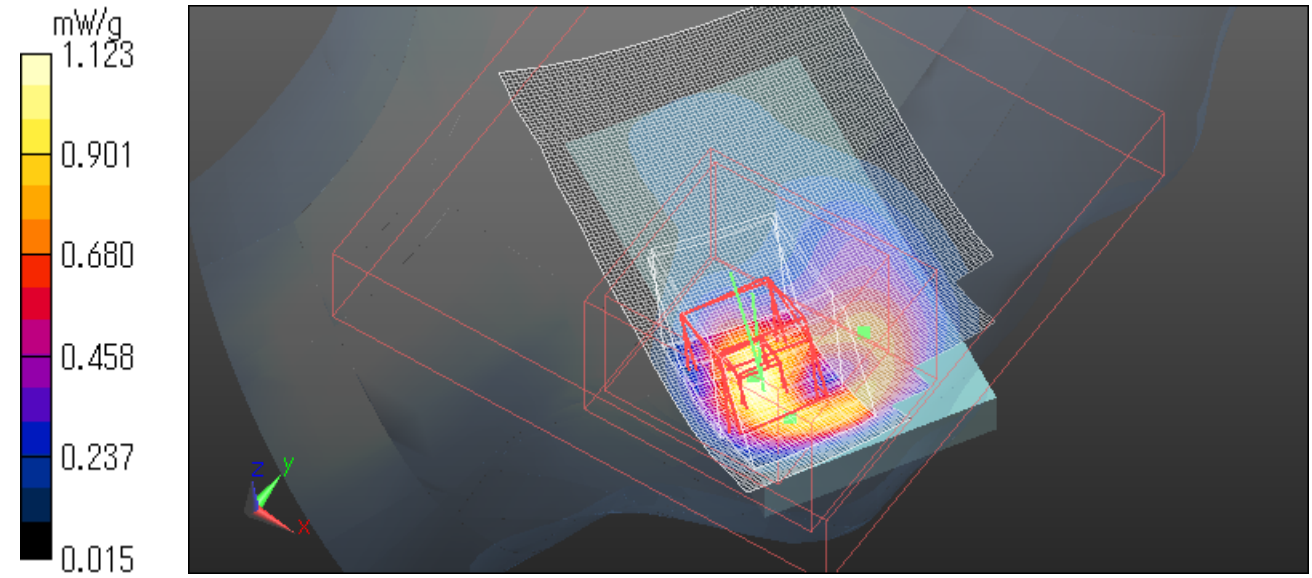


GT-5360B_PCS1900_GPRS 2slots (VOIP) 1909.8MHz _Left_Cheek
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:4.19952
Medium parameters used: f = 1880 MHz; σ = 1.38 mho/m; ε_r = 40.4; ρ = 1000 kg/m^3
Phantom section: Left Section
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) = 1.145 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.521 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.487 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 1.137 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan 2 (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.521 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.447 W/kg
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.403 mW/g
Maximum value of SAR (measured) = 1.123 mW/g
Date: 2011/08/10
Ambient Temp. : 24.9 degree.C. Liquid Temp.; 24.8 degree.C.

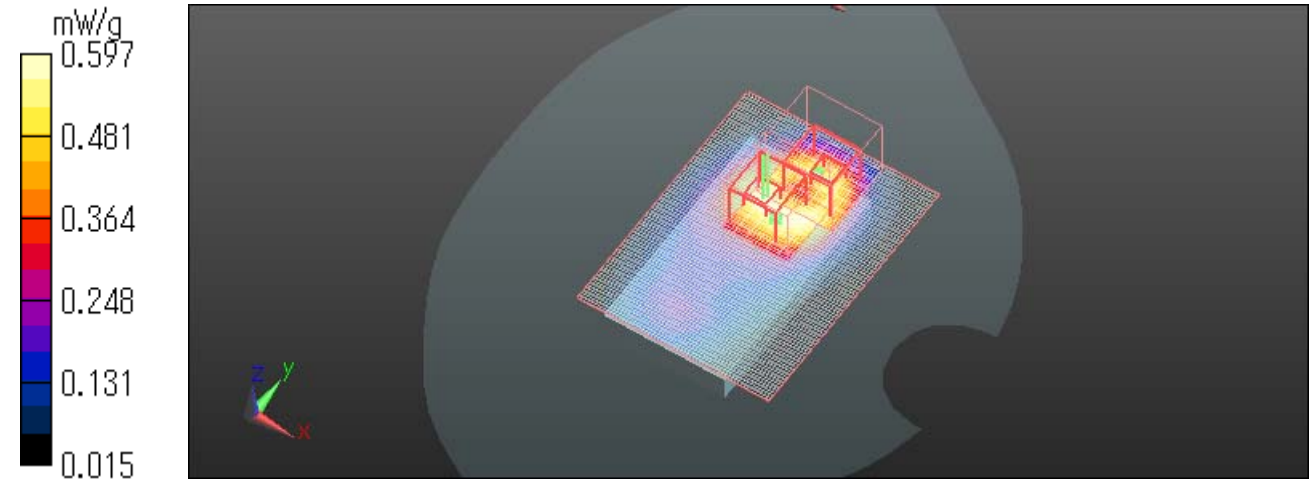


iv) PCS1900 Body/Body-worn
GT-S5360B_PCS1900(GPRS)_2slots_1880MHz_Front_10mm
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: 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: 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) = 0.586 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.308 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.594 mW/g

Zoom Scan 2 (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.308 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.768 W/kg
SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.230 mW/g
Maximum value of SAR (measured) = 0.597 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.

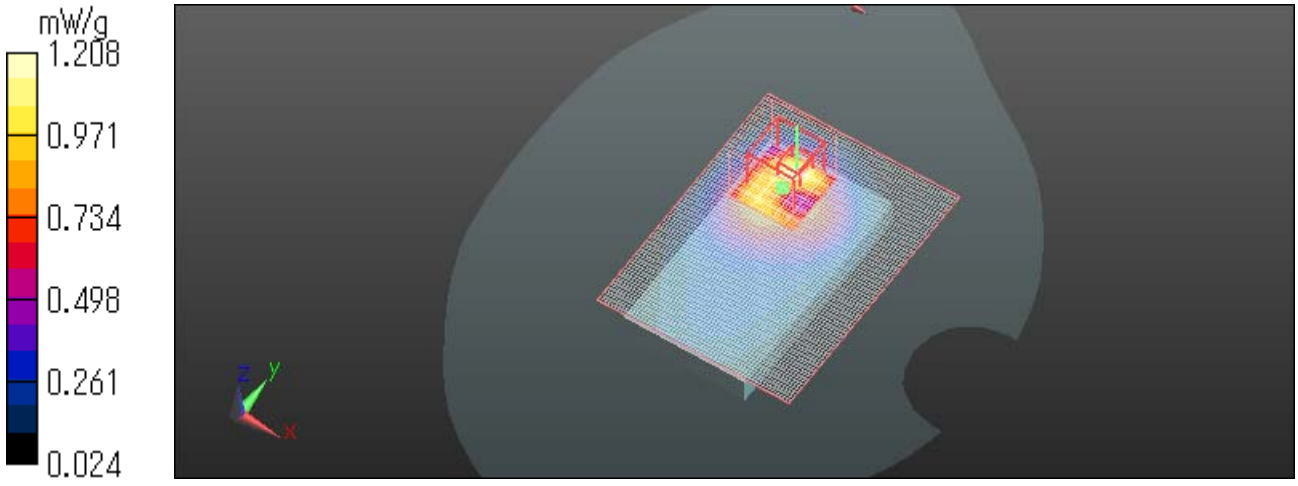


GT-S5360B_PCS1900(GPRS)_2slots_1880MHz_Back_10mm
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement 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: 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) = 1.166 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.957 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.486 W/kg
SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.463 mW/g

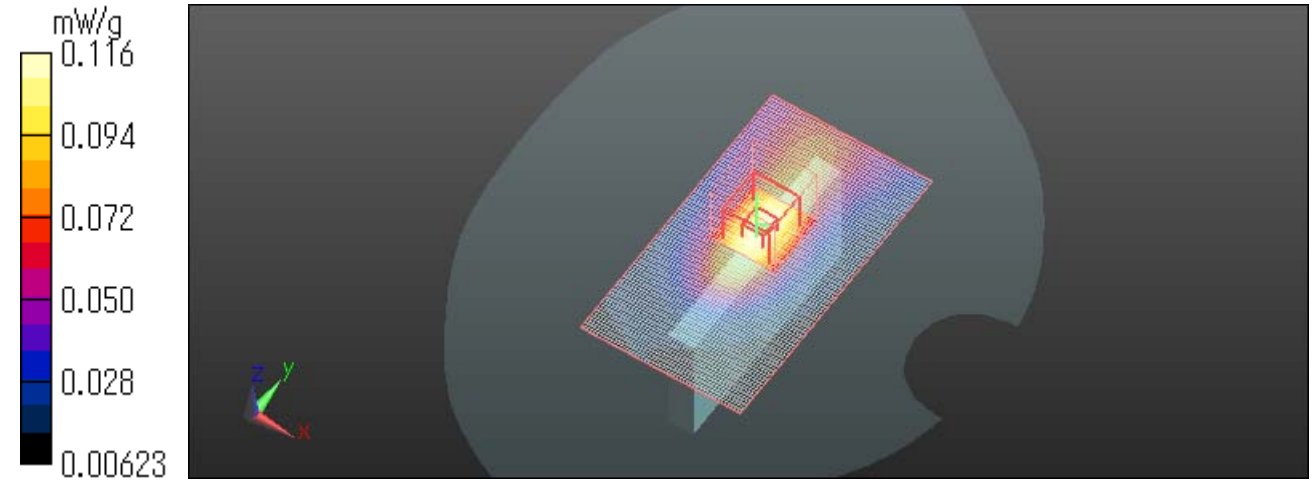
Maximum value of SAR (measured) = 1.208 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



GT-S5360B_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; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 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: 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) = 0.116 mW/g

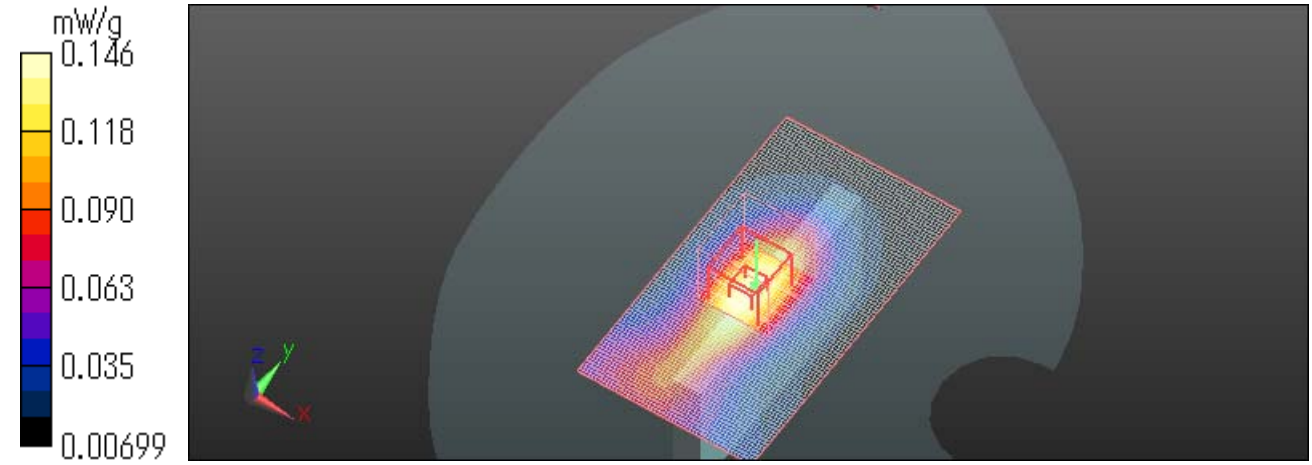
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.815 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.116 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



GT-S5360B_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; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 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: 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) = 0.151 mW/g

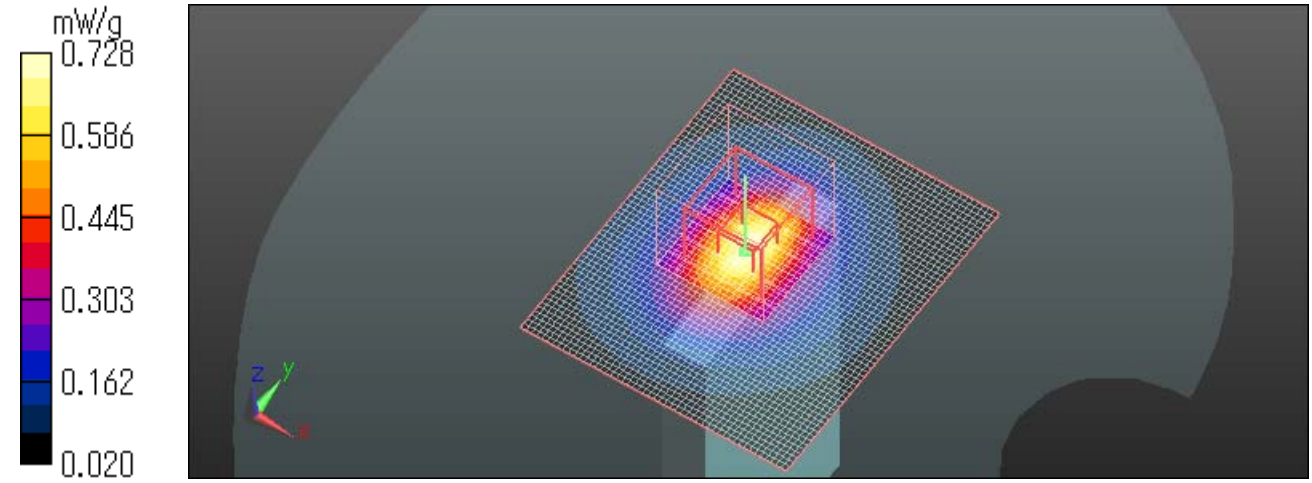
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.807 V/m; Power Drift = -0.0012 dB
Peak SAR (extrapolated) = 0.177 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.146 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



GT-S5360B_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; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 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: 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) = 0.716 mW/g

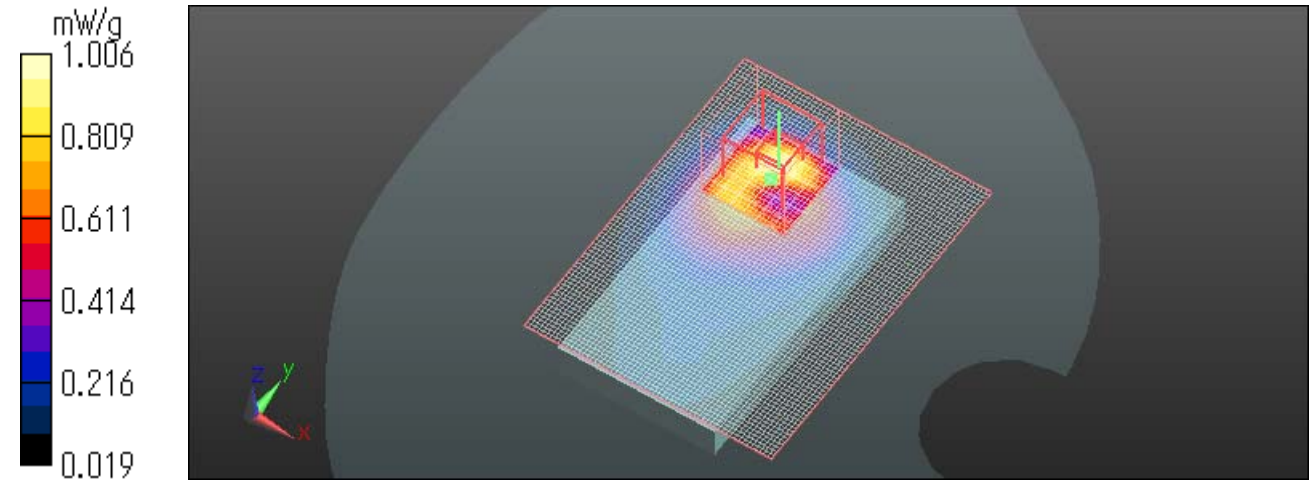
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.481 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.728 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.
.



GT-S5360B_PCS1900(GSM)_1880MHz_Back_10mm
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; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 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: 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) = 1.054 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.353 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.249 W/kg
SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 1.006 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.

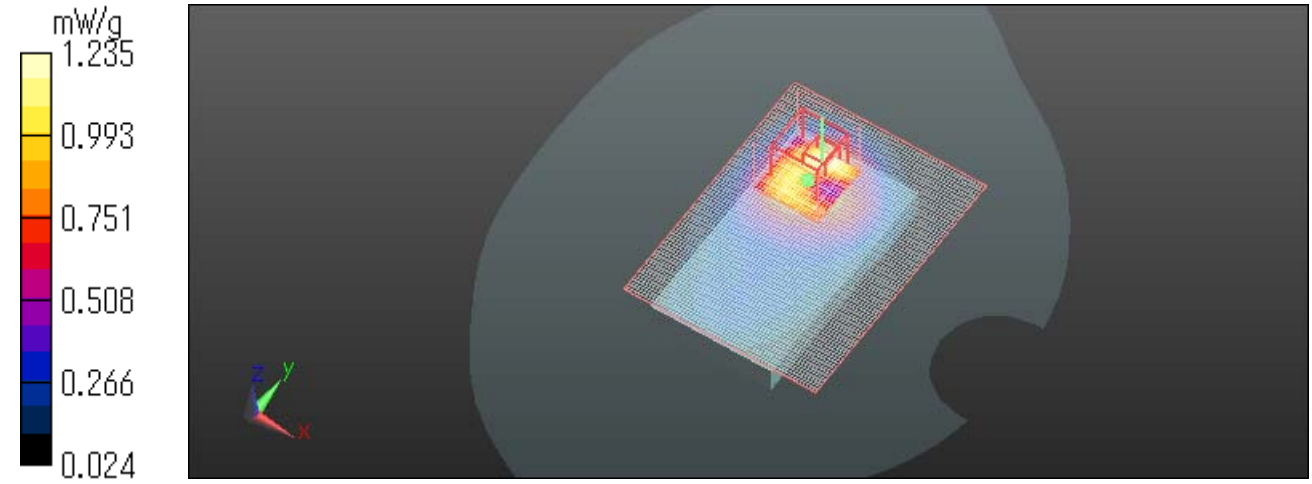


Z Scan at Maximum Body SAR position in PCS1900 band

GT-S5360B_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; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 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: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.6 (1);

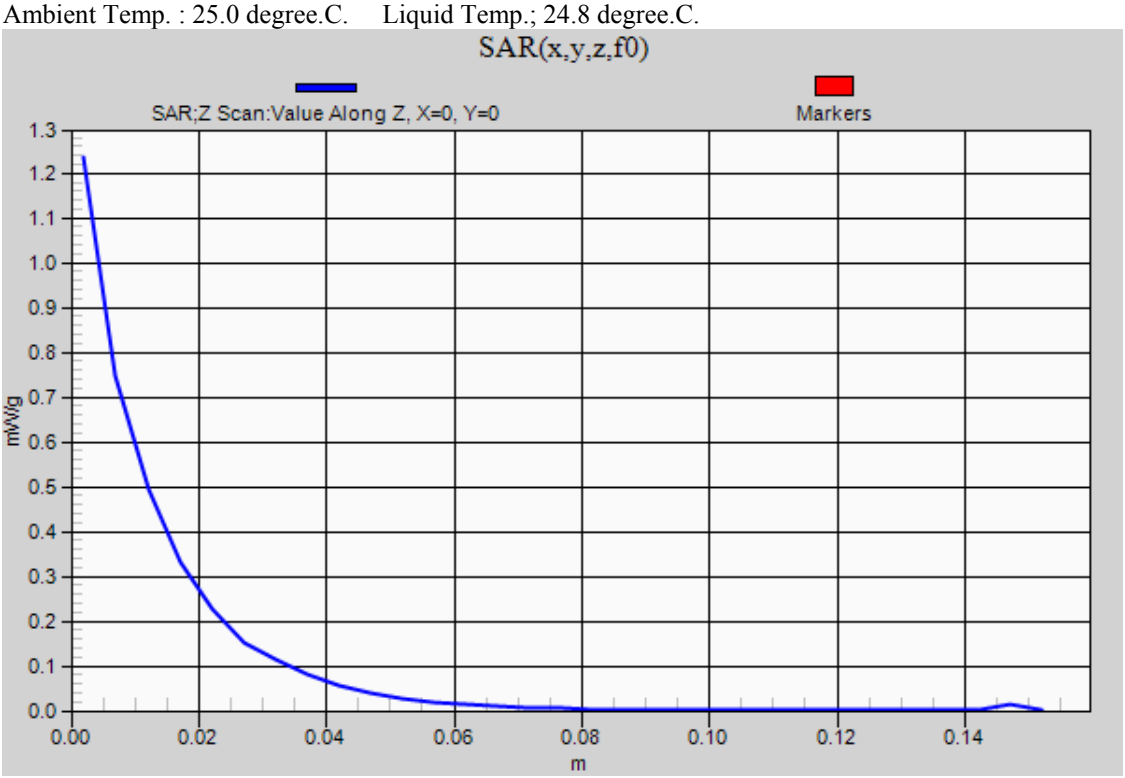
Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.148 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.736 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.543 W/kg
SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.479 mW/g
Maximum value of SAR (measured) = 1.235 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



GT-S5360B_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; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 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: 0mm (Fix Surface)
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) = 1.239 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.

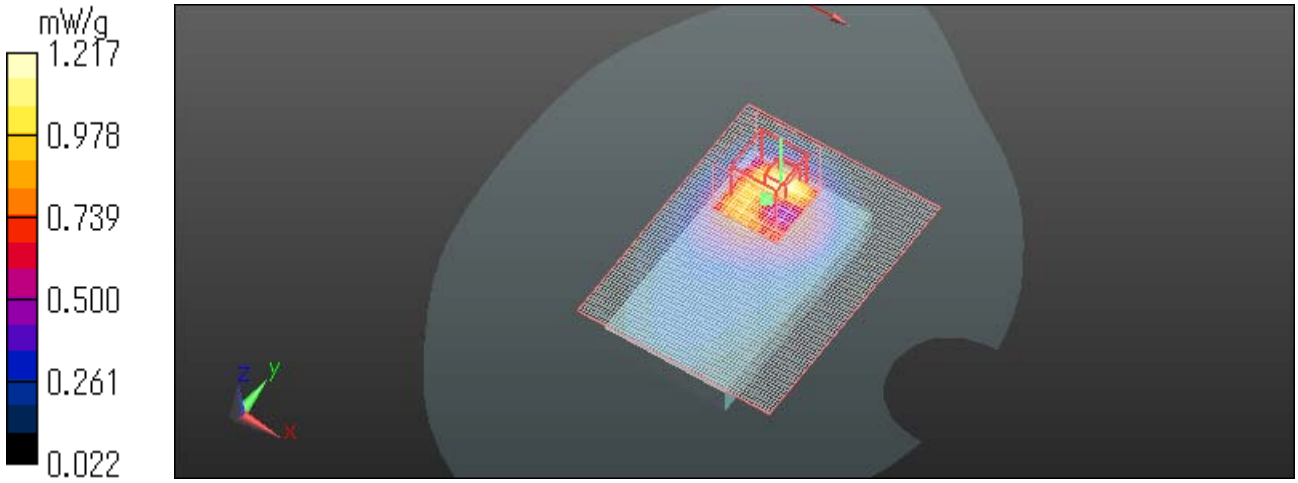


GT-S5360B_PCS1900(GPRS)_2slots_1909.8MHz_Back_10mm
Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Duty Cycle: 1:4.2
Medium parameters used: f = 1880 MHz; σ = 1.49 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement 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: 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) = 1.054 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.391 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.500 W/kg
SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 1.217 mW/g
Date: 2011/08/11
Ambient Temp. : 25.0 degree.C. Liquid Temp.; 24.8 degree.C.



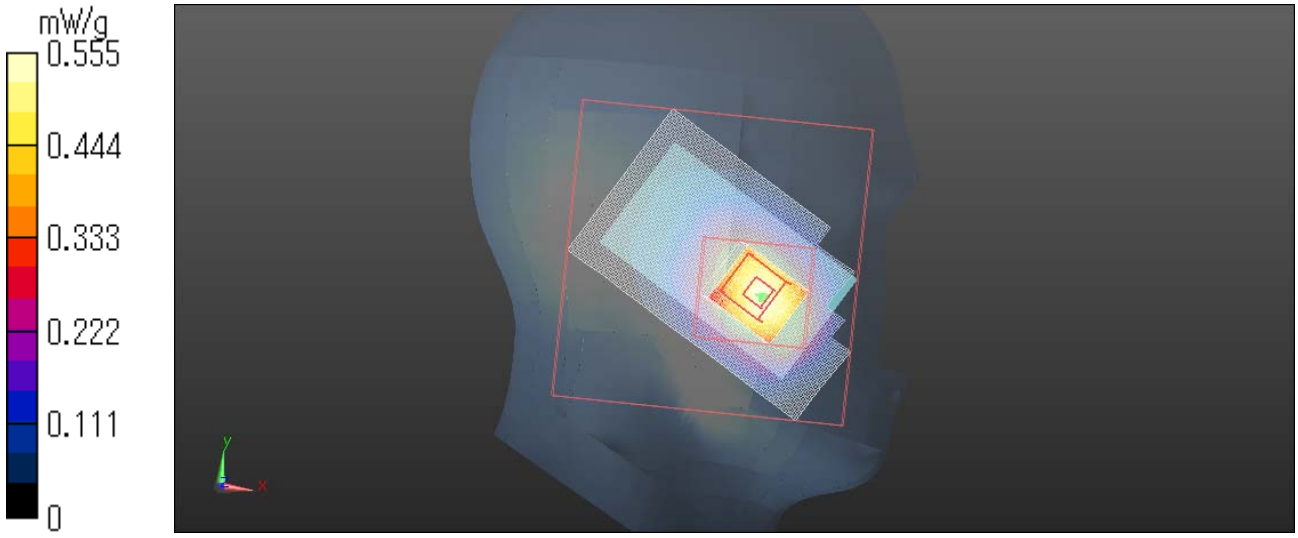
WCDMA Band V

GT-5360B_WCDMA Band V_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 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.555 mW/g

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.584 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.324 mW/g
Maximum value of SAR (measured) = 0.543 mW/g
Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.

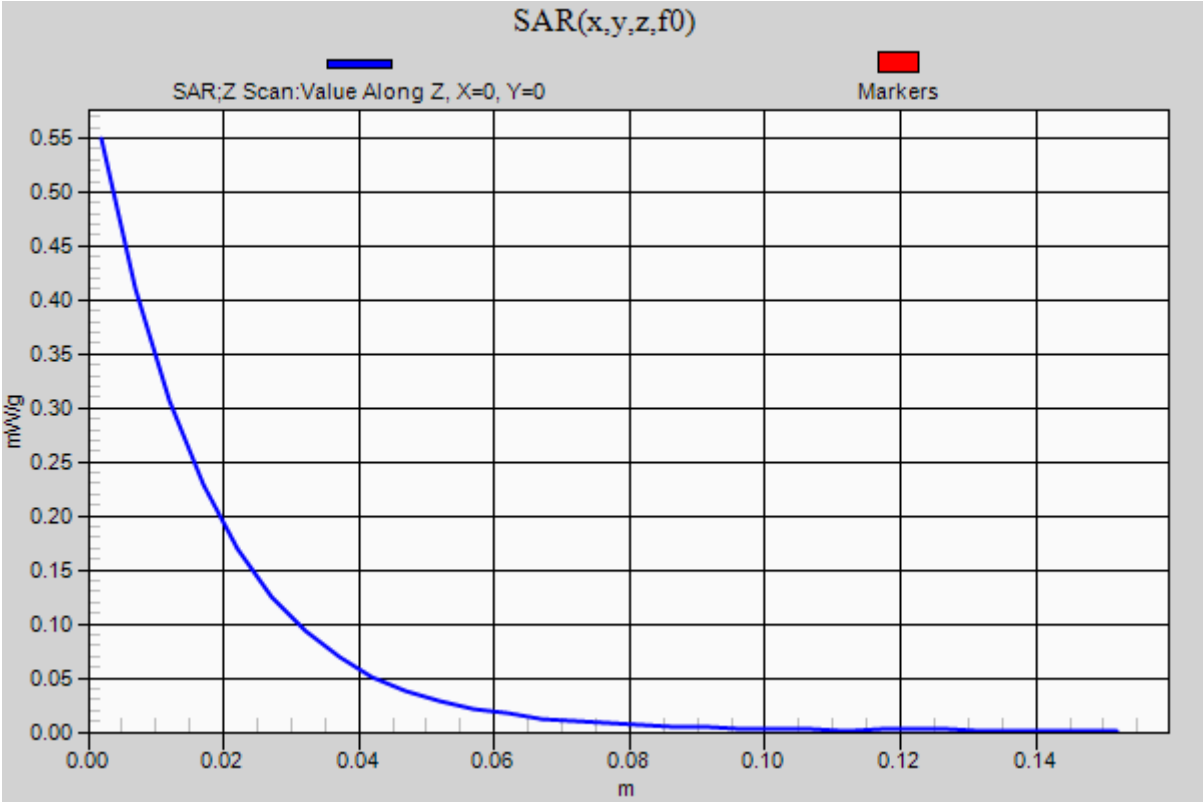


Z Scan at Maximum HEAD SAR position in WCDMA band V

GT-5360B_WCDMA Band V_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 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 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/Z Scan (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.549 mW/g
Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



GT-5360B_WCDMA Band V_836.6MHz _Left_Tilt

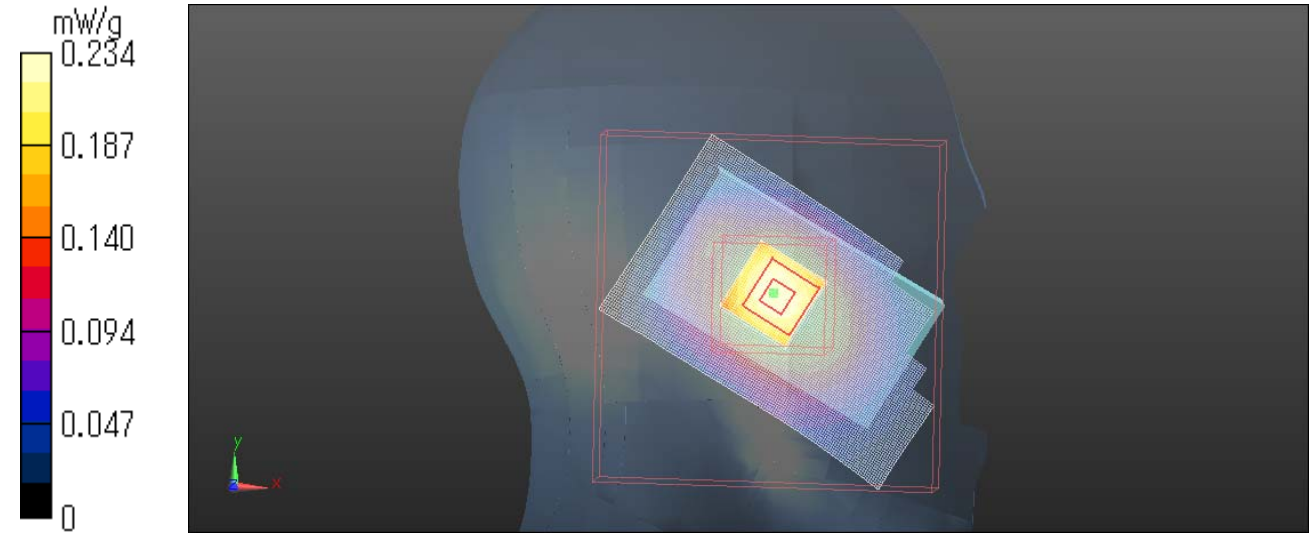
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: 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/Tilt Position - Mid/Area Scan (81x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.234 mW/g

Left-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.289 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.240 mW/g

Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



GT-5360B_WCDMA Band V_836.6MHz _Right_Cheek

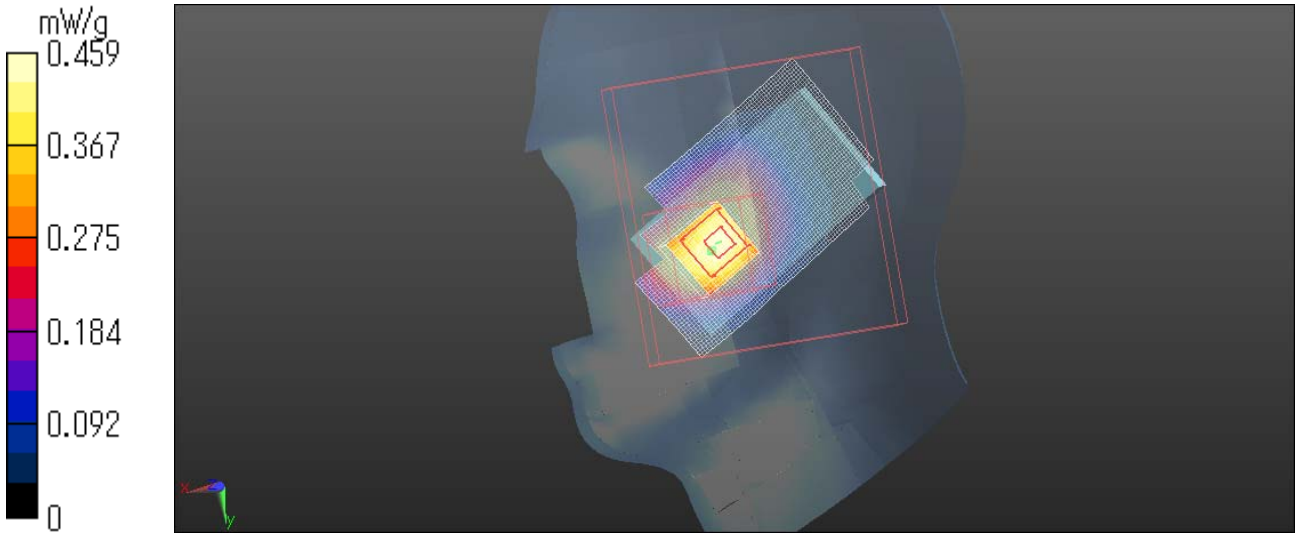
Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 kg/m^3
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5 Configuration
Probe: 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=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Right-Hand-Side HSL/Touch Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.873 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.268 mW/g
Maximum value of SAR (measured) = 0.453 mW/g

Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



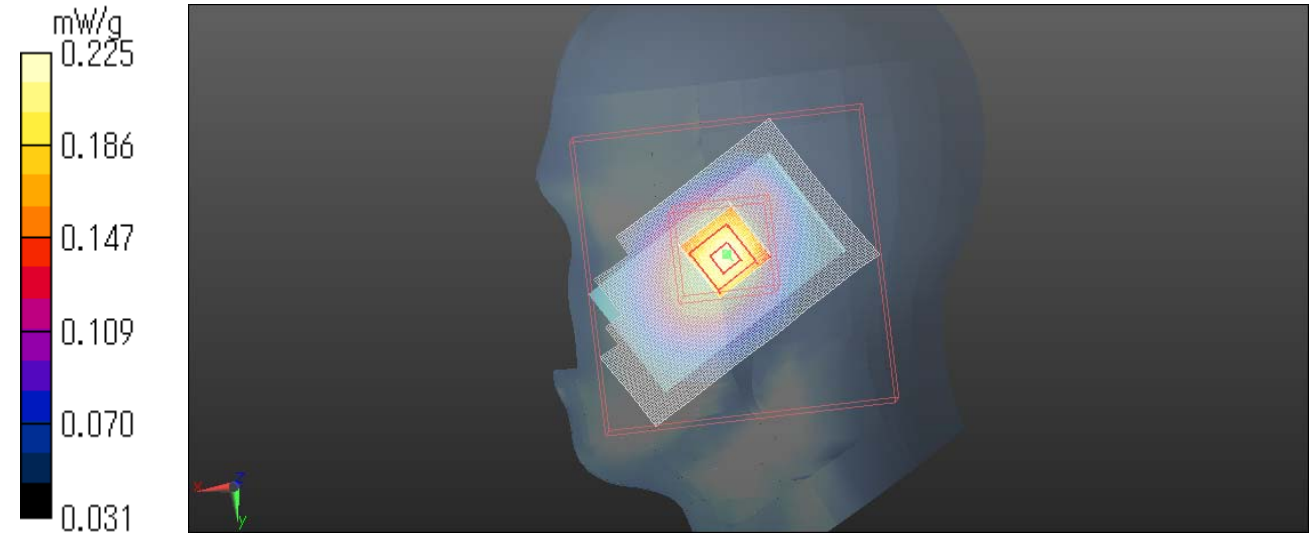
GT-5360B_WCDMA Band V_836.6MHz _Right_Tilt

Communication System: WCDMA V 835M; Communication System Band: WCDMA V band; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.9 mho/m; ε_r = 42; ρ = 1000 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=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.218 mW/g

Right-Hand-Side HSL/Tilt Position - Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.112 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.248 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.142 mW/g
Maximum value of SAR (measured) = 0.225 mW/g

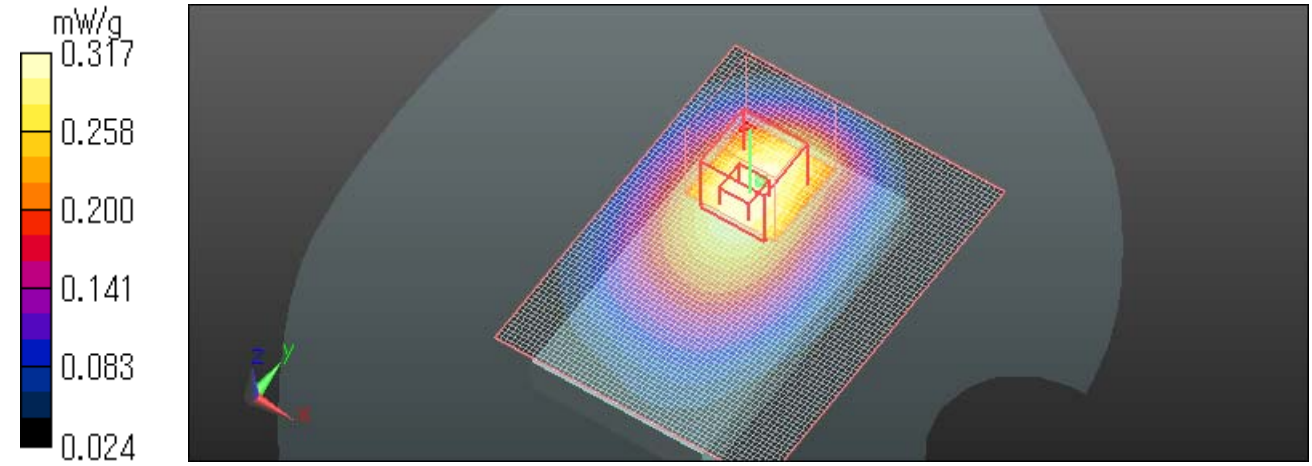
Date: 2011/08/10
Ambient Temp. : 24.2 degree.C. Liquid Temp.; 24.0 degree.C.



v) WCDMA Band V Body/Body-worn
GT-S5360B_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 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.320 mW/g

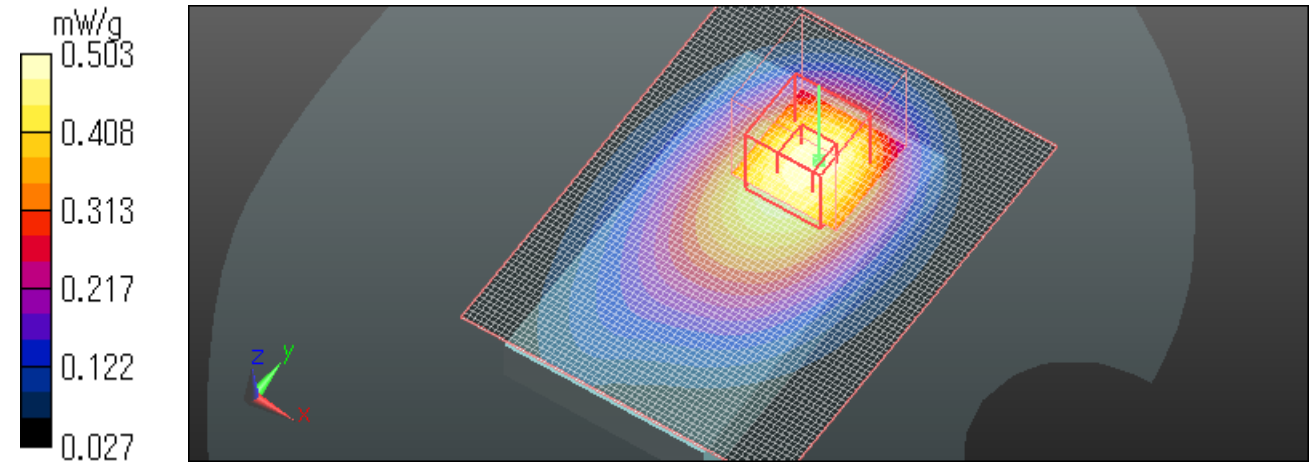
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.073 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.366 W/kg
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.317 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.535 mW/g

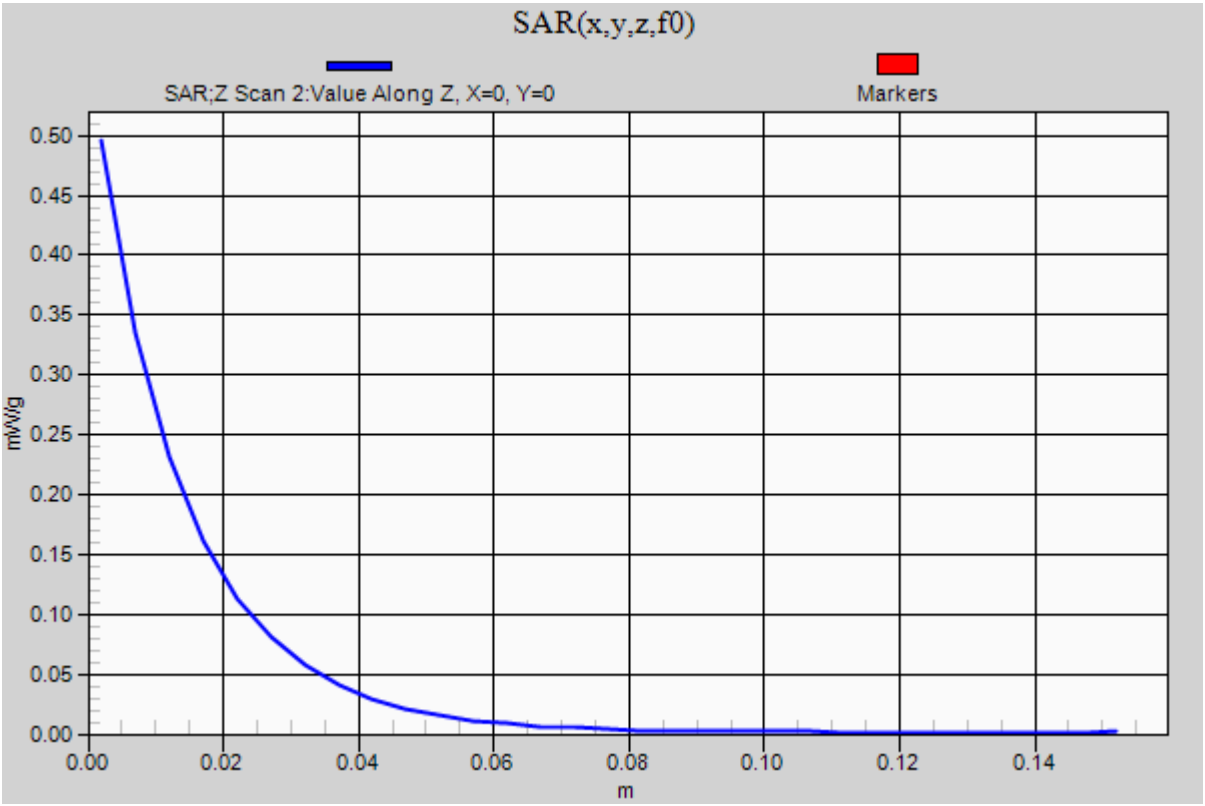
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.175 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.275 mW/g
Maximum value of SAR (measured) = 0.503 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



Z Scan at Maximum Body SAR position in WCDMA band V

GT-S5360B_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 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: SAM with CRP; Type: SAM;
Measurement SW: DASY52, Version 52.6 (1);

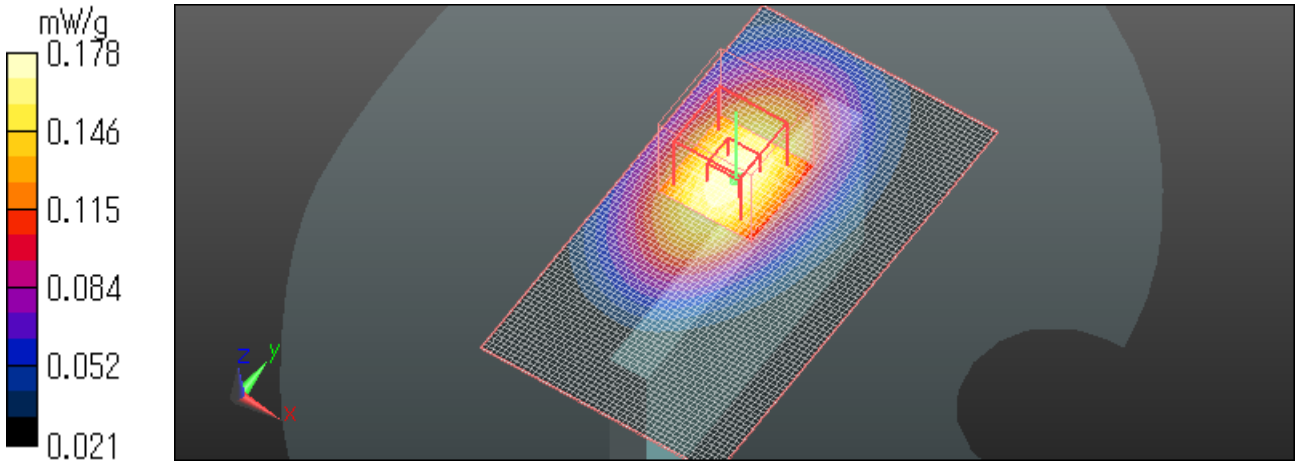
Z Scan 2 (1x1x31): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.496 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.179 mW/g

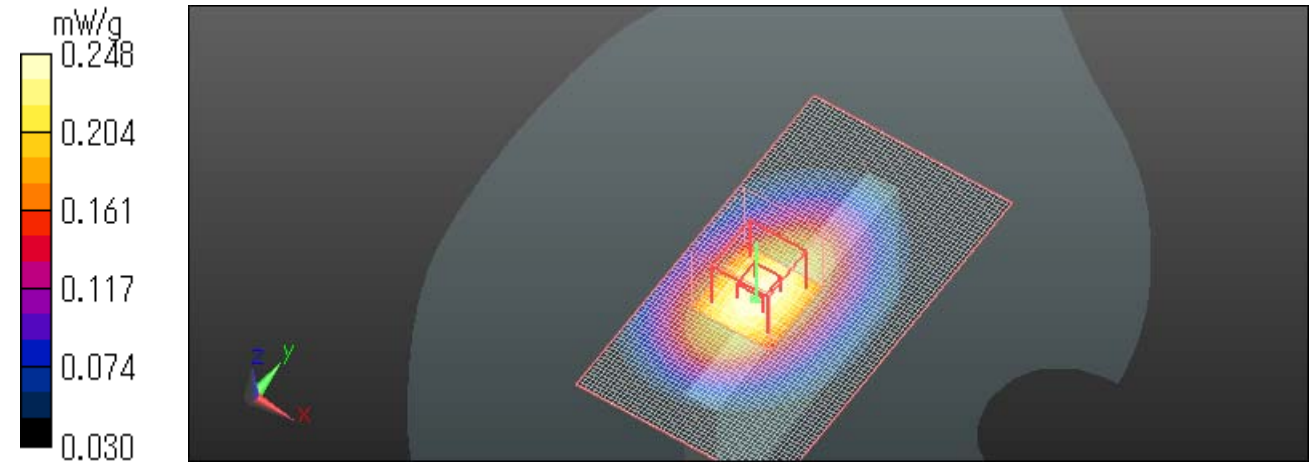
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.154 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.178 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.249 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.855 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.248 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.



GT-S5360B_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 MHz; σ = 0.94 mho/m; ε_r = 53.5; ρ = 1000 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: 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) = 0.084 mW/g

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.577 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.087 mW/g
Date: 2011/08/12
Ambient Temp. : 24.8 degree.C. Liquid Temp.; 24.5 degree.C.