

Test Laboratory: Compliance Certification Services Inc.

## D835V2-SN 4d015-Head

**DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d015**

Communication System: CW 835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 835$  MHz;  $\sigma = 0.901$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.66 mW/g

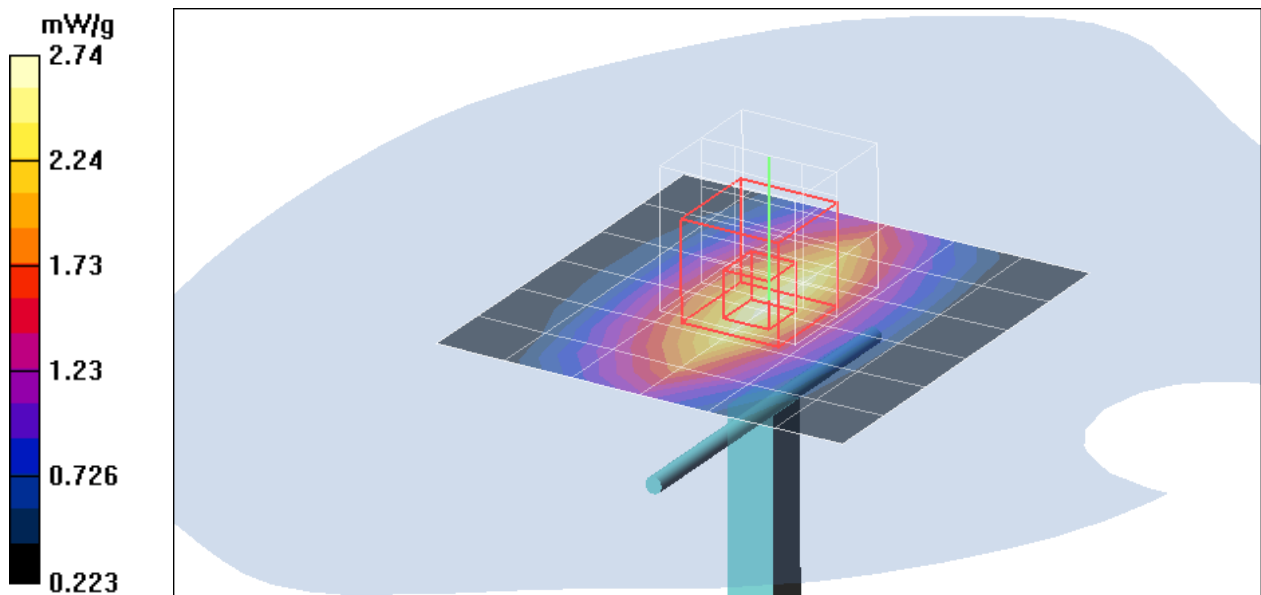
**d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 51.8 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 3.38 W/kg

**SAR(1 g) = 2.23 mW/g; SAR(10 g) = 1.44 mW/g**

Maximum value of SAR (measured) = 2.74 mW/g



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## **D835V2-SN 4d015-Body**

**DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d015**

Communication System: CW 835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 835 \text{ MHz}$ ;  $\sigma = 0.951 \text{ mho/m}$ ;  $\epsilon_r = 56.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### **DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.87 mW/g

**d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 51.7 V/m; Power Drift = -0.012 dB

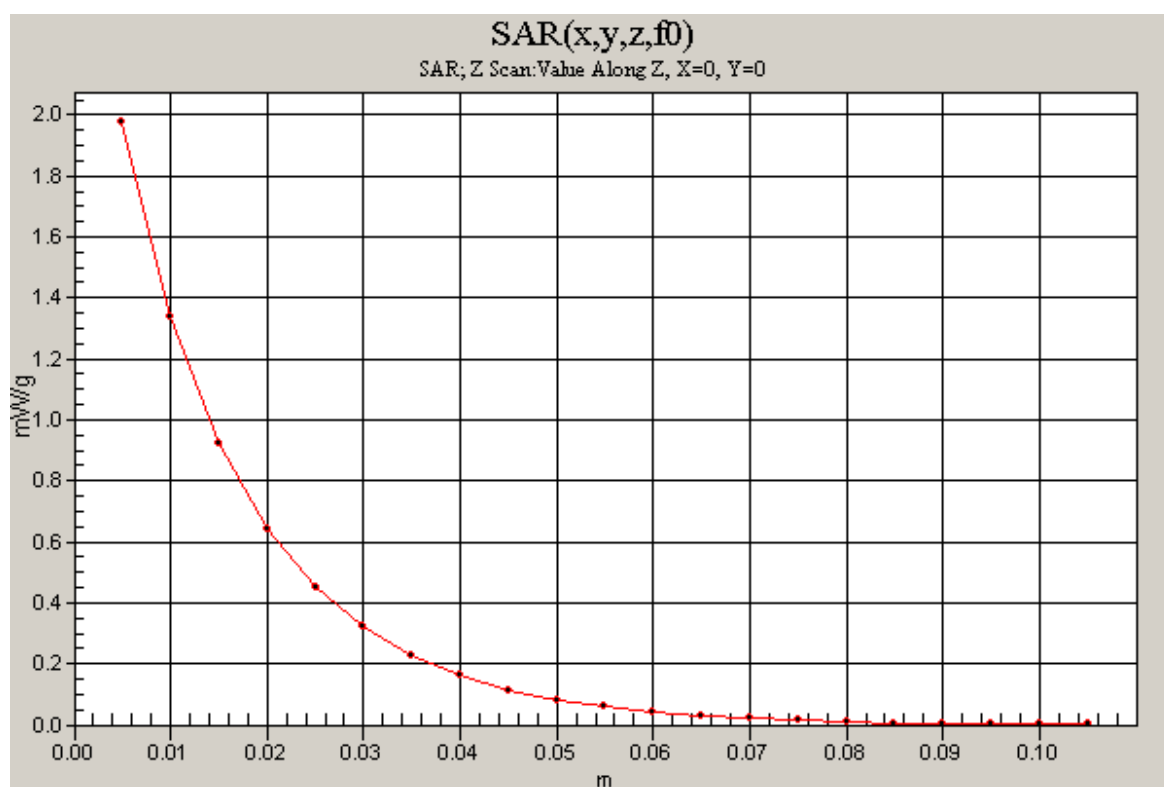
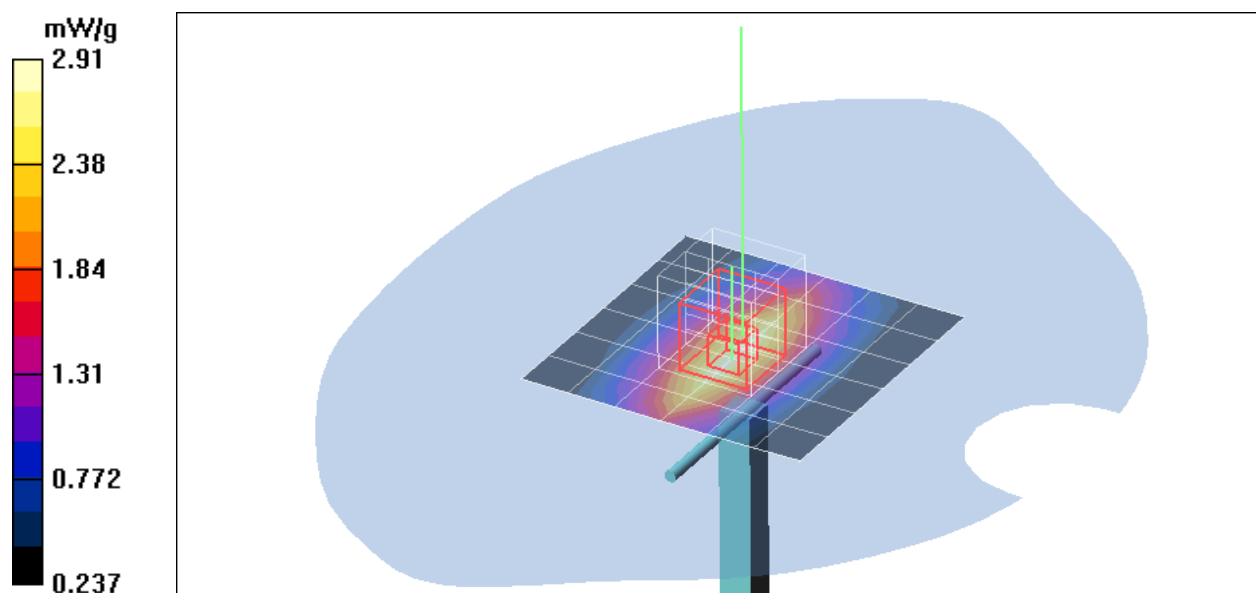
Peak SAR (extrapolated) = 3.61 W/kg

**SAR(1 g) = 2.38 mW/g; SAR(10 g) = 1.54 mW/g**

Maximum value of SAR (measured) = 2.91 mW/g

**d=10mm, Pin=250mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.98 mW/g



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## **D1900V2 SN-5d056 Head**

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d056**

Communication System: CW1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900 \text{ MHz}$ ;  $\sigma = 1.46 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### **DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=250mW,d=10mm/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.19 mW/g

**Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 85.2 V/m; Power Drift = -0.055 dB

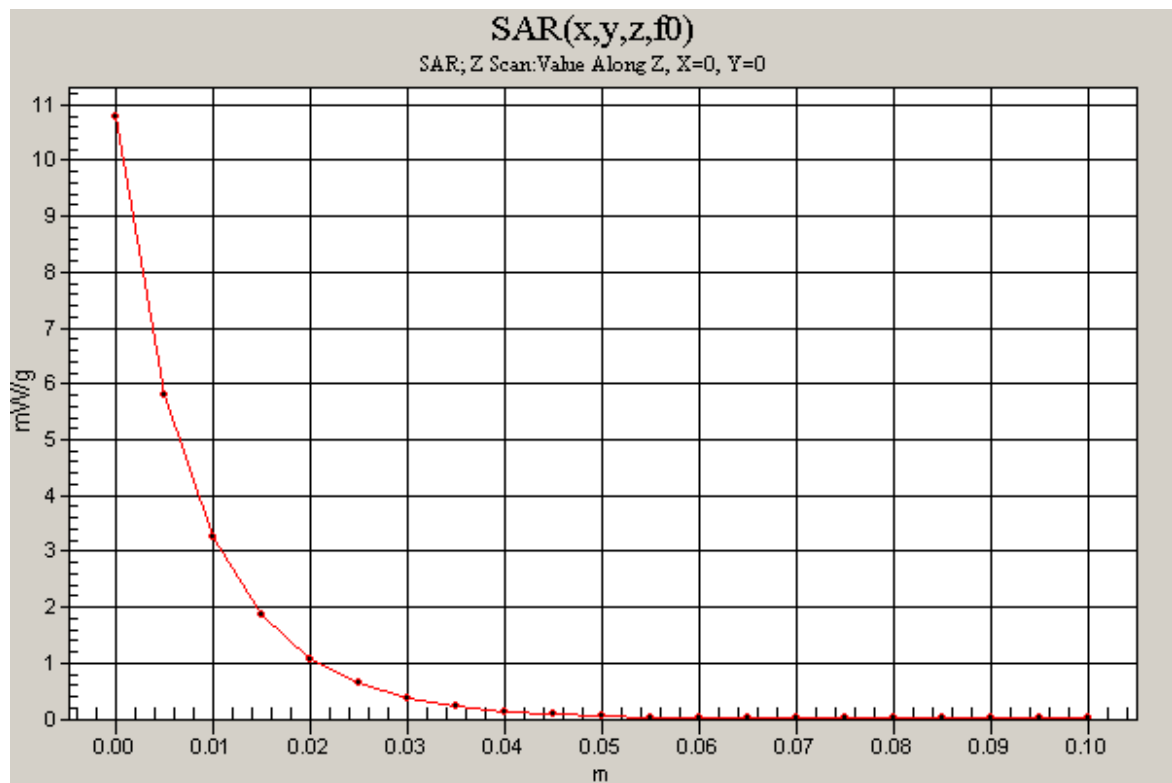
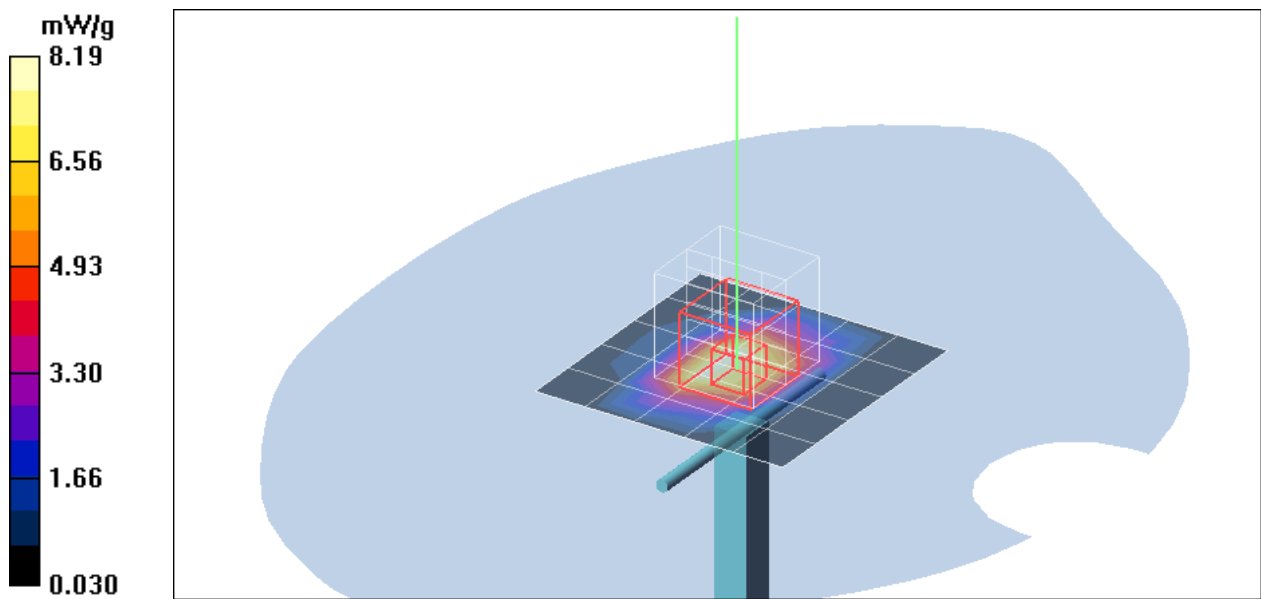
Peak SAR (extrapolated) = 18.0 W/kg

**SAR(1 g) = 9.53 mW/g; SAR(10 g) = 4.88 mW/g**

Maximum value of SAR (measured) = 10.7 mW/g

**Pin=250mW,d=10mm 2/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 10.8 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **D1900V2 SN-5d056 Body**

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d056**

Communication System: CW1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### **DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Pin=250mW,d=10mm/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 9.23 mW/g

**Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 98.2 V/m; Power Drift = -0.005 dB

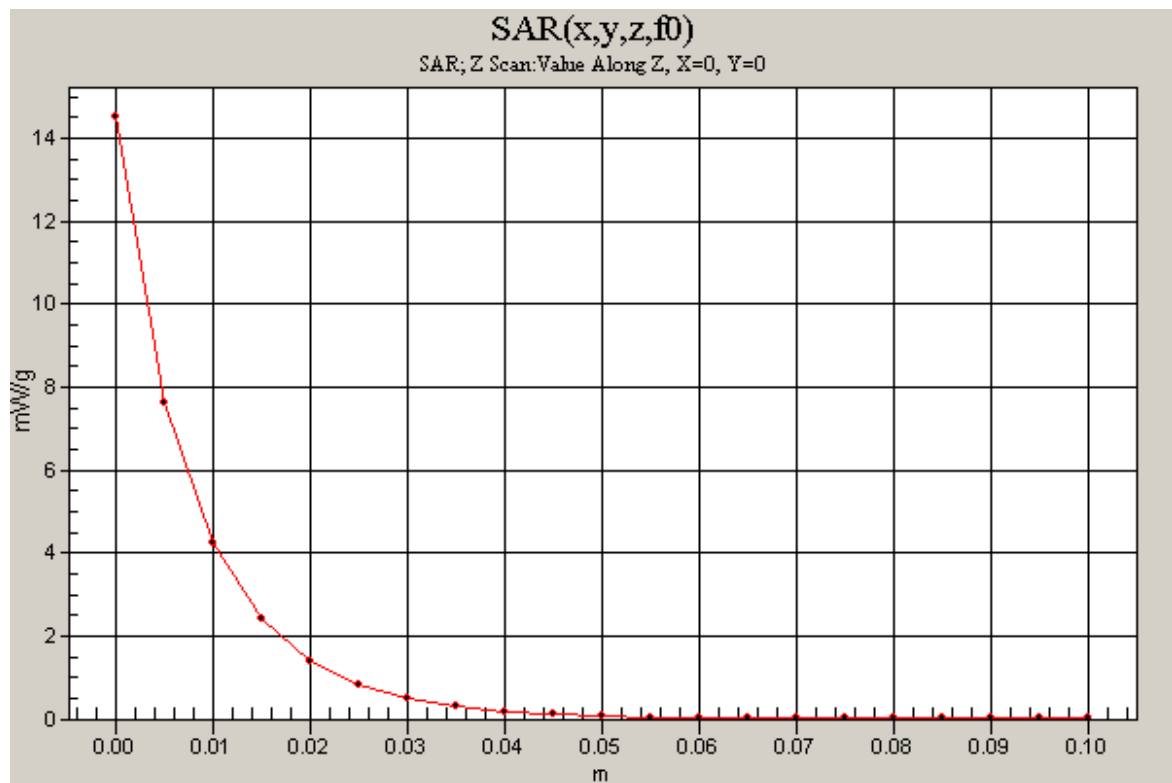
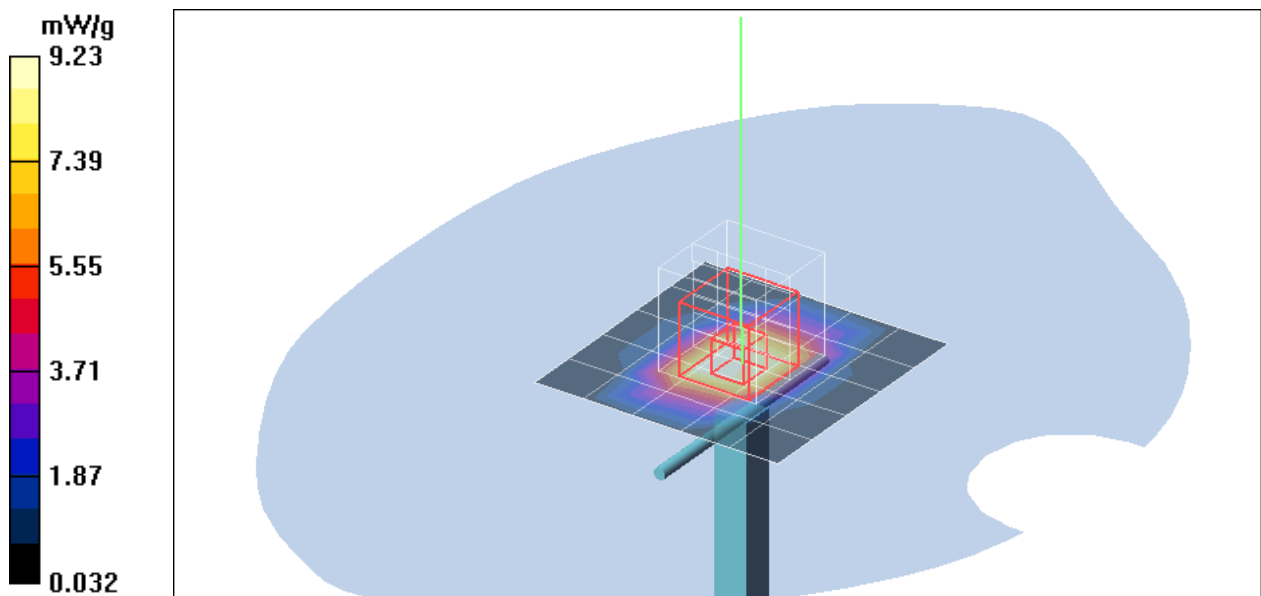
Peak SAR (extrapolated) = 18.4 W/kg

**SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.23 mW/g**

Maximum value of SAR (measured) = 13.8 mW/g

**Pin=250mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 14.5 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Left

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.931$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Cheek Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.569 mW/g

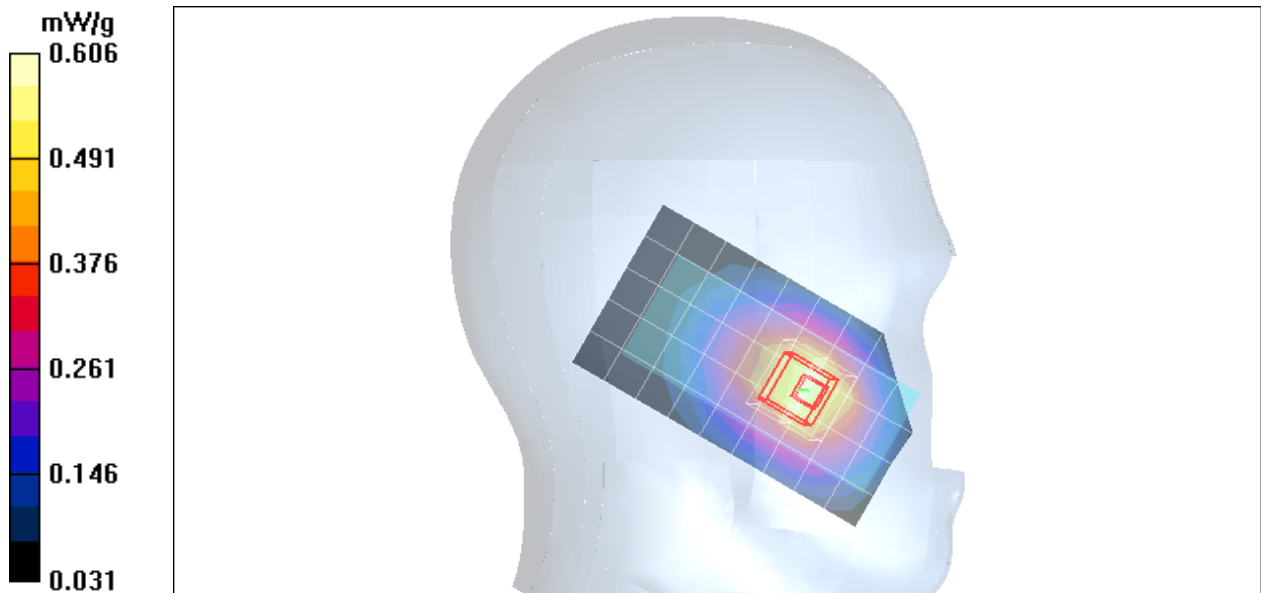
**Left Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.83 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.712 W/kg

**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.340 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Left

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 881.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 881.6$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

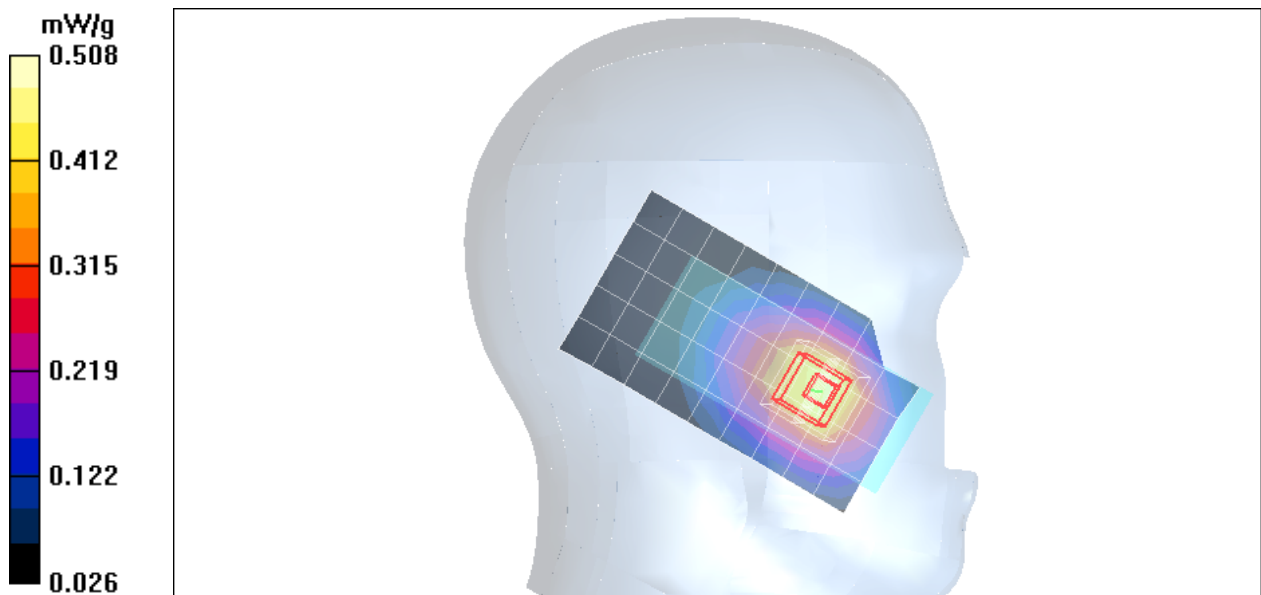
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Cheek Middle CH190/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.455 mW/g

**Left Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 7.80 V/m; Power Drift = -0.093 dB  
Peak SAR (extrapolated) = 0.598 W/kg  
**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.283 mW/g**  
Maximum value of SAR (measured) = 0.508 mW/g



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## GSM850-Left

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 893.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 893.8$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.47, 9.47, 9.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Cheek High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

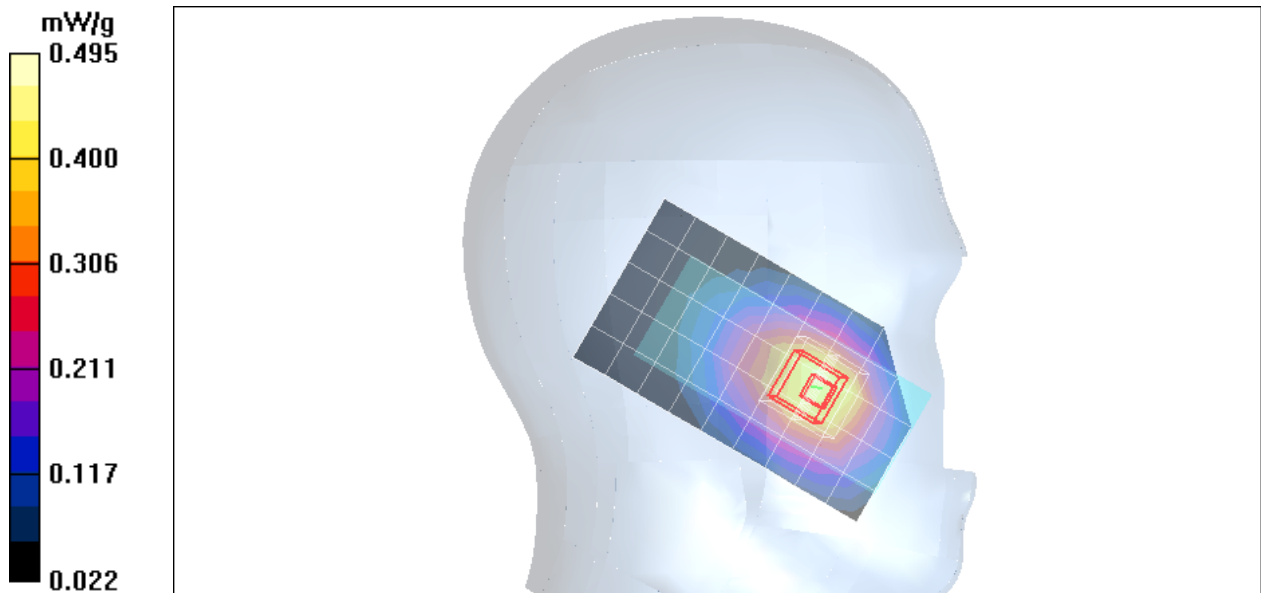
**Left Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.73 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 0.586 W/kg

**SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.495 mW/g



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## GSM850-Left

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.931$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Tilted Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

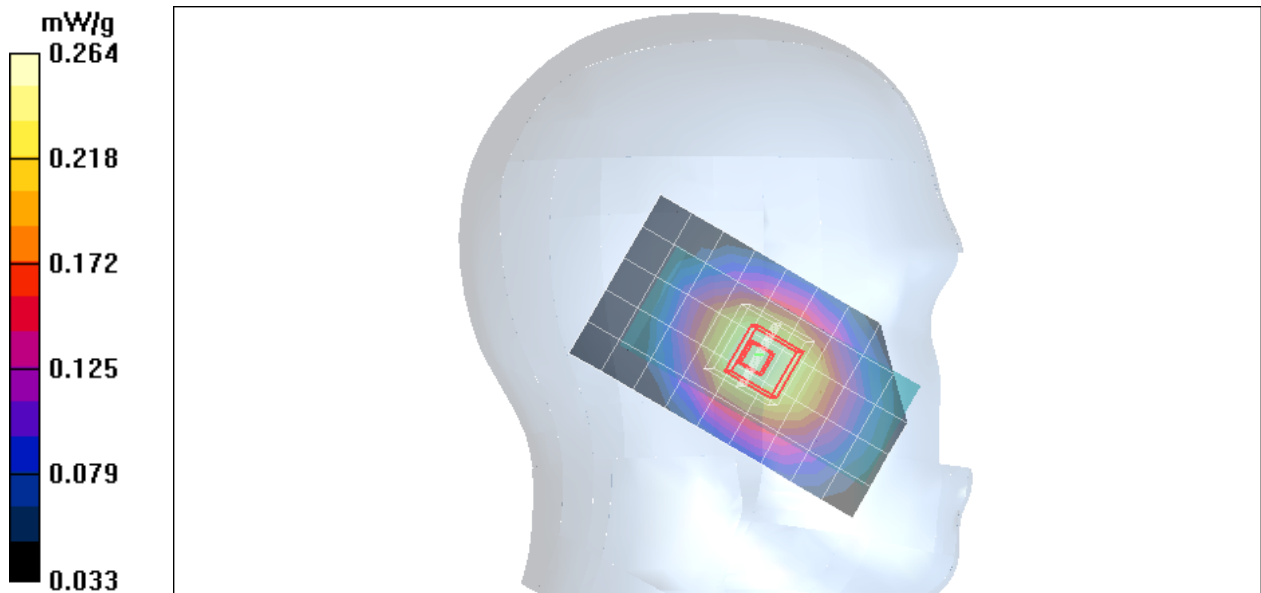
**Left Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.264 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Left

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 881.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 881.6$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Tilted Middle CH190/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

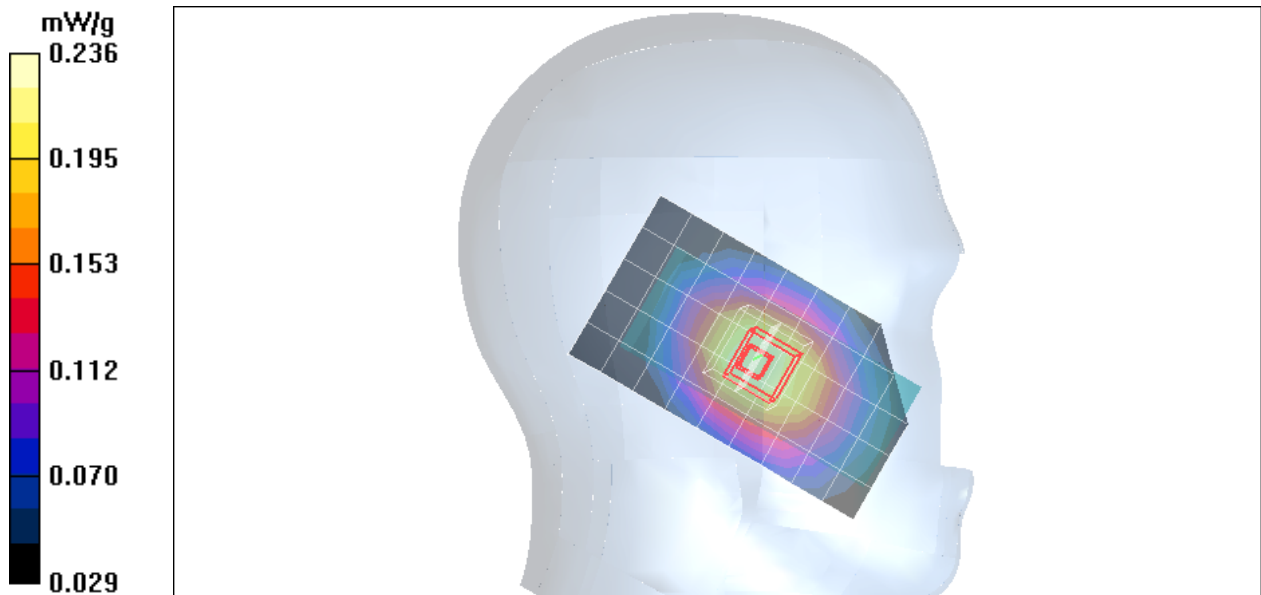
**Left Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.152 mW/g**

Maximum value of SAR (measured) = 0.236 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Left

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 893.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 893.8$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.47, 9.47, 9.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Tilted High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.214 mW/g

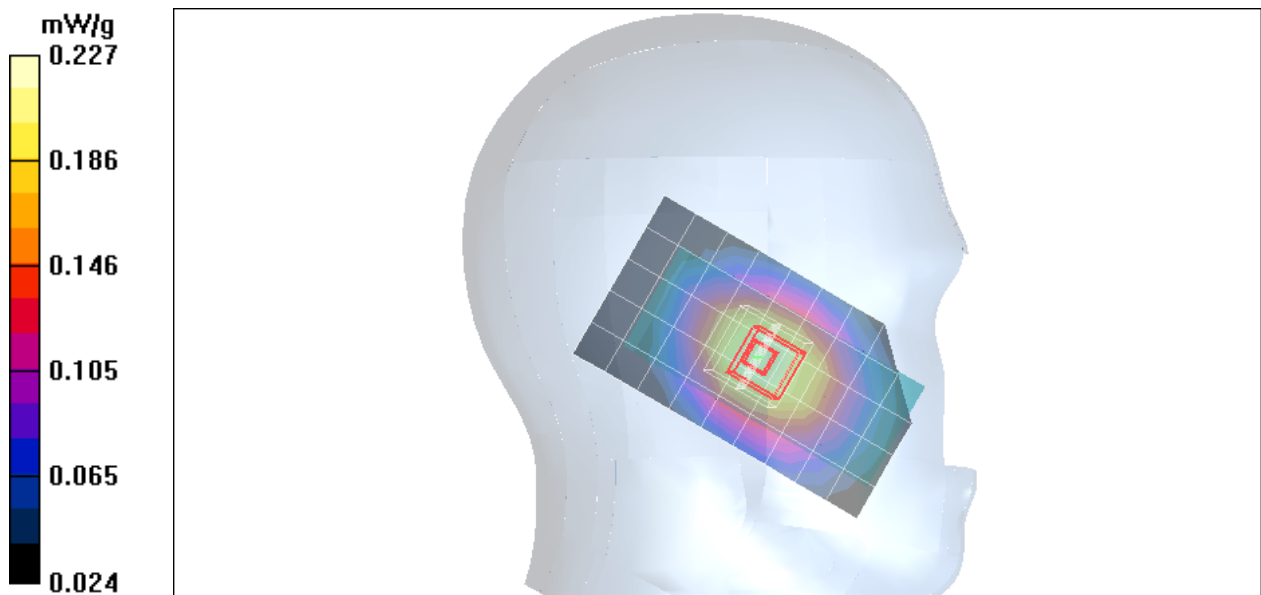
**Left Tilted High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.89 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.261 W/kg

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

Maximum value of SAR (measured) = 0.227 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM850-Right**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.931$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Cheek Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.612 mW/g

**Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.52 V/m; Power Drift = -0.165 dB

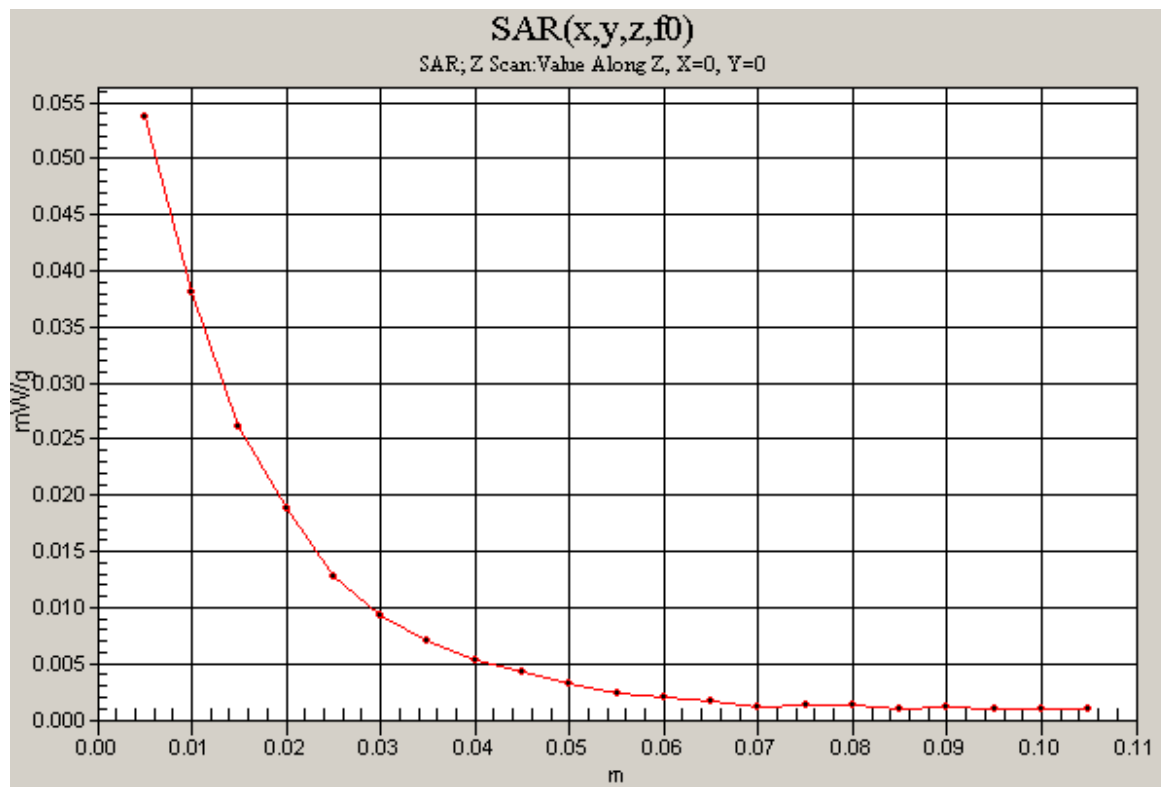
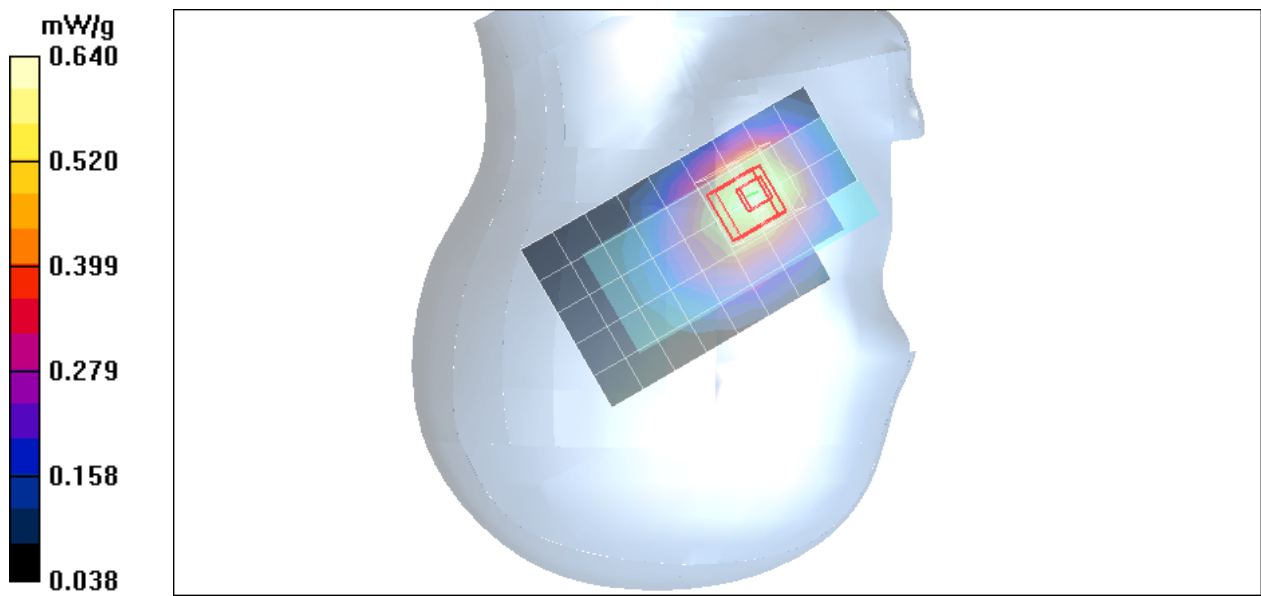
Peak SAR (extrapolated) = 0.787 W/kg

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.359 mW/g**

Maximum value of SAR (measured) = 0.640 mW/g

**Right Cheek Low CH128/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.054 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 881.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 881.6$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Cheek Middle CH190/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.517 mW/g

**Right Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

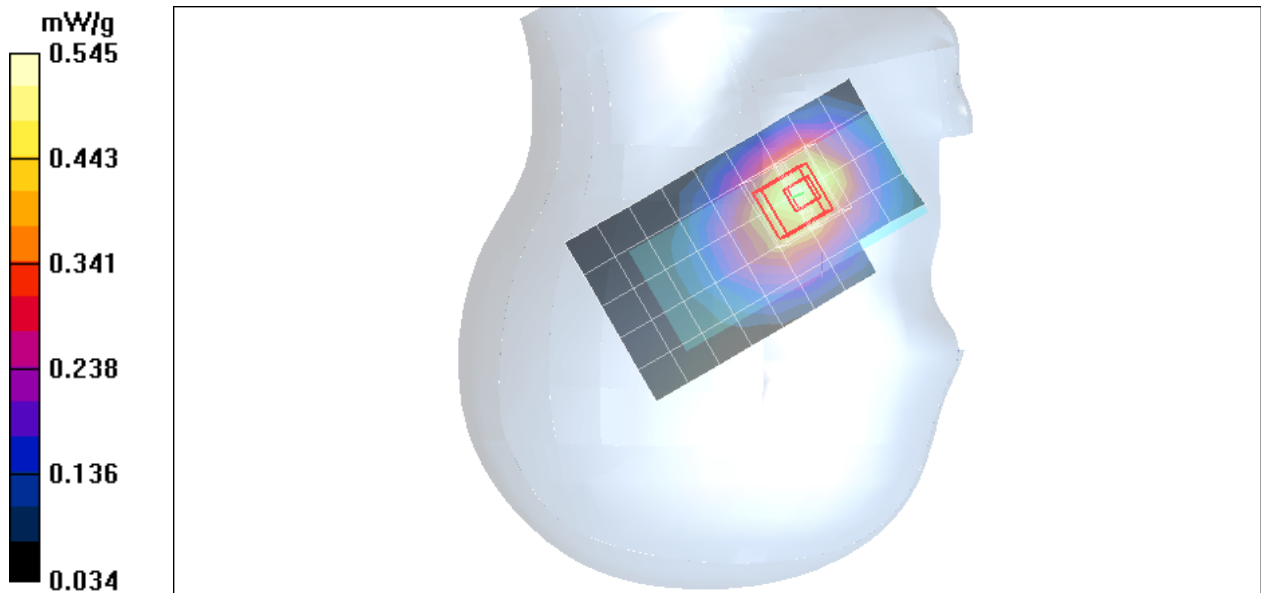
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.45 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.664 W/kg

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.304 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 893.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 893.8$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.47, 9.47, 9.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Cheek High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.509 mW/g

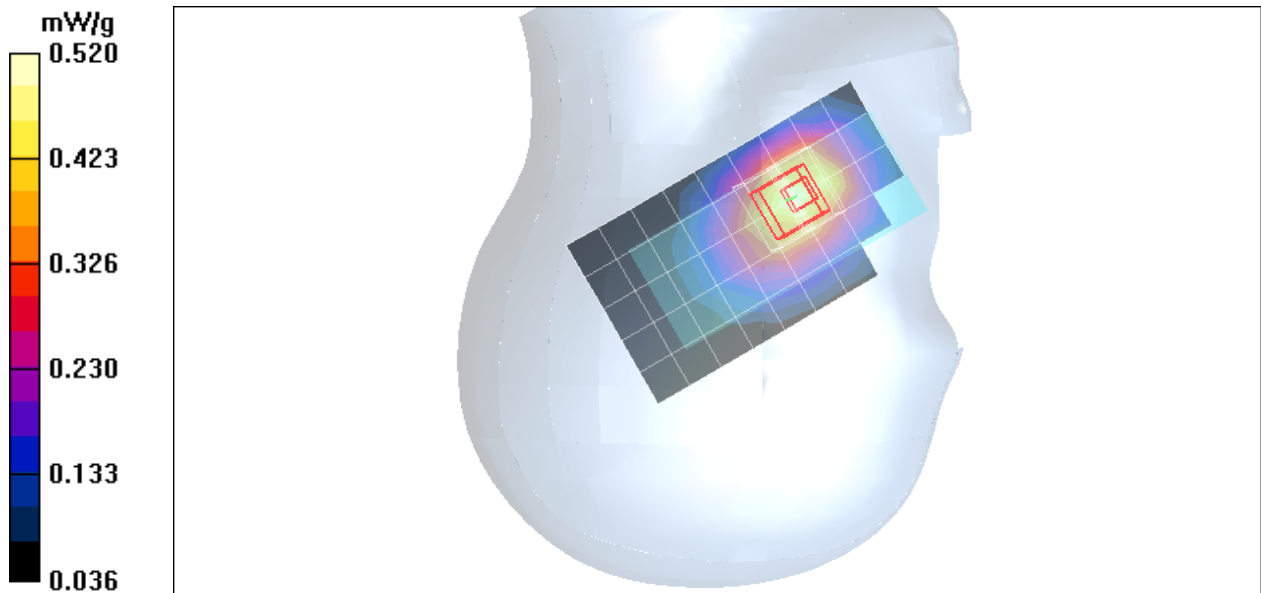
**Right Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.640 W/kg

**SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.297 mW/g**

Maximum value of SAR (measured) = 0.520 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Right

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.931$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Tilted Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.287 mW/g

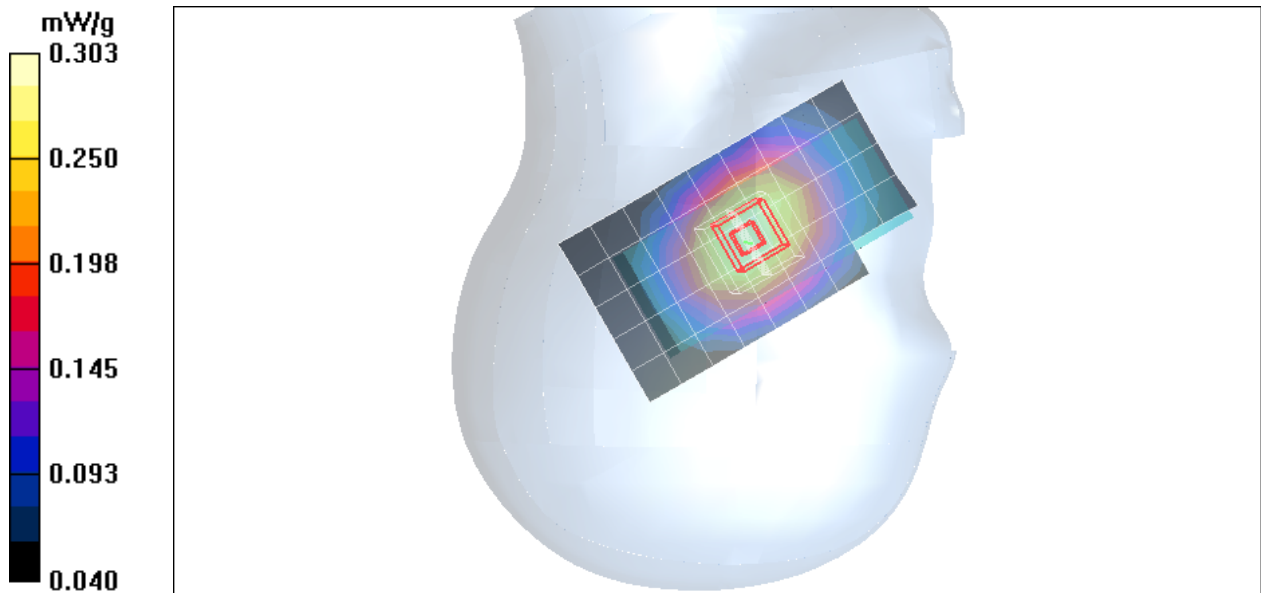
**Right Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.6 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.346 W/kg

**SAR(1 g) = 0.265 mW/g; SAR(10 g) = 0.193 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Right

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 881.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 881.6$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Tilted Middle CH190/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Right Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

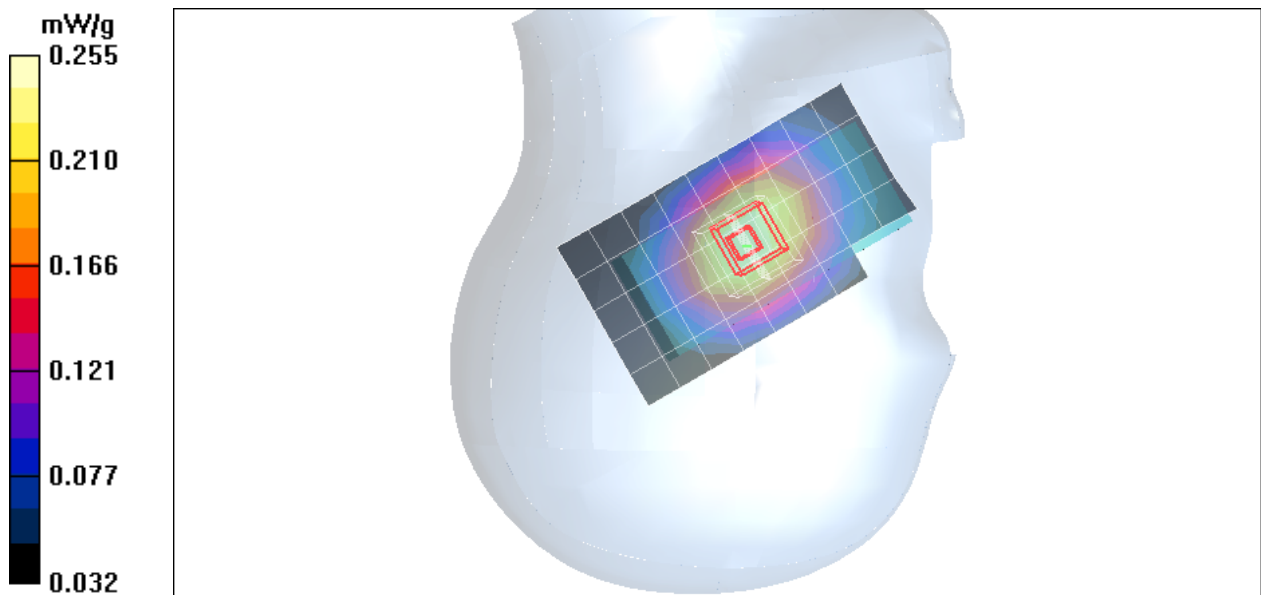
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.161 mW/g**

Maximum value of SAR (measured) = 0.255 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM850-Right

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 893.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 893.8$  MHz;  $\sigma = 0.953$  mho/m;  $\epsilon_r = 40.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.47, 9.47, 9.47);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Tilted High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

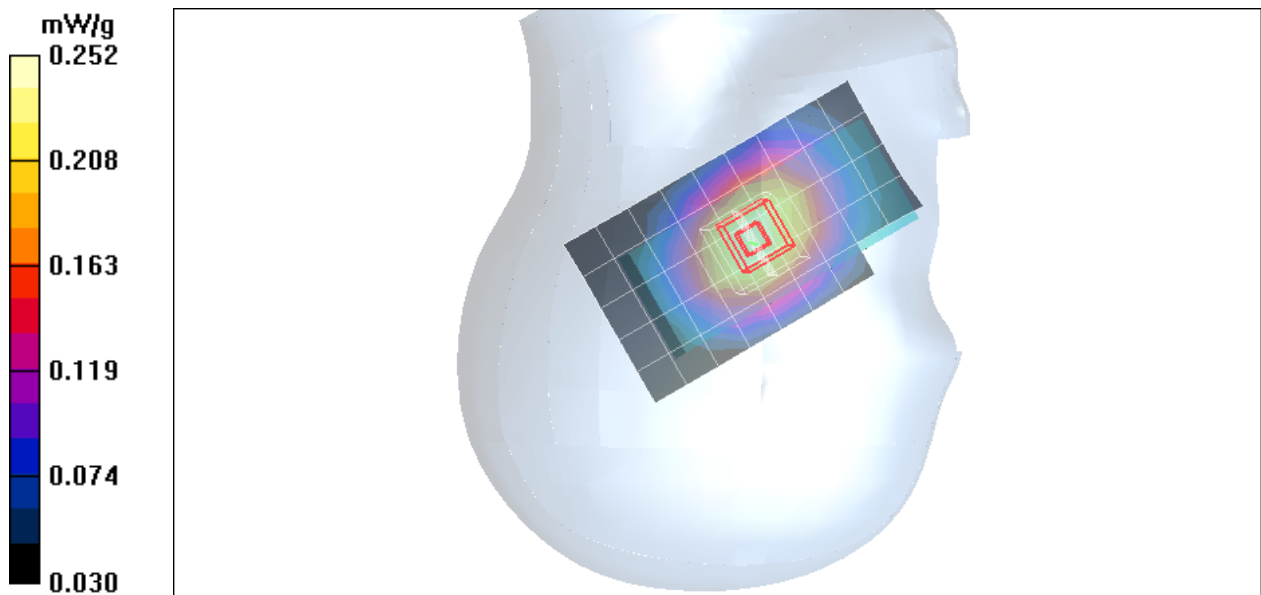
**Right Tilted High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.157 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.931$  mho/m;  $\epsilon_r = 40.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

### **co-Location Bt+GSM Right Cheek Low CH128/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

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

### **co-Location Bt+GSM Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.07 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.787 W/kg

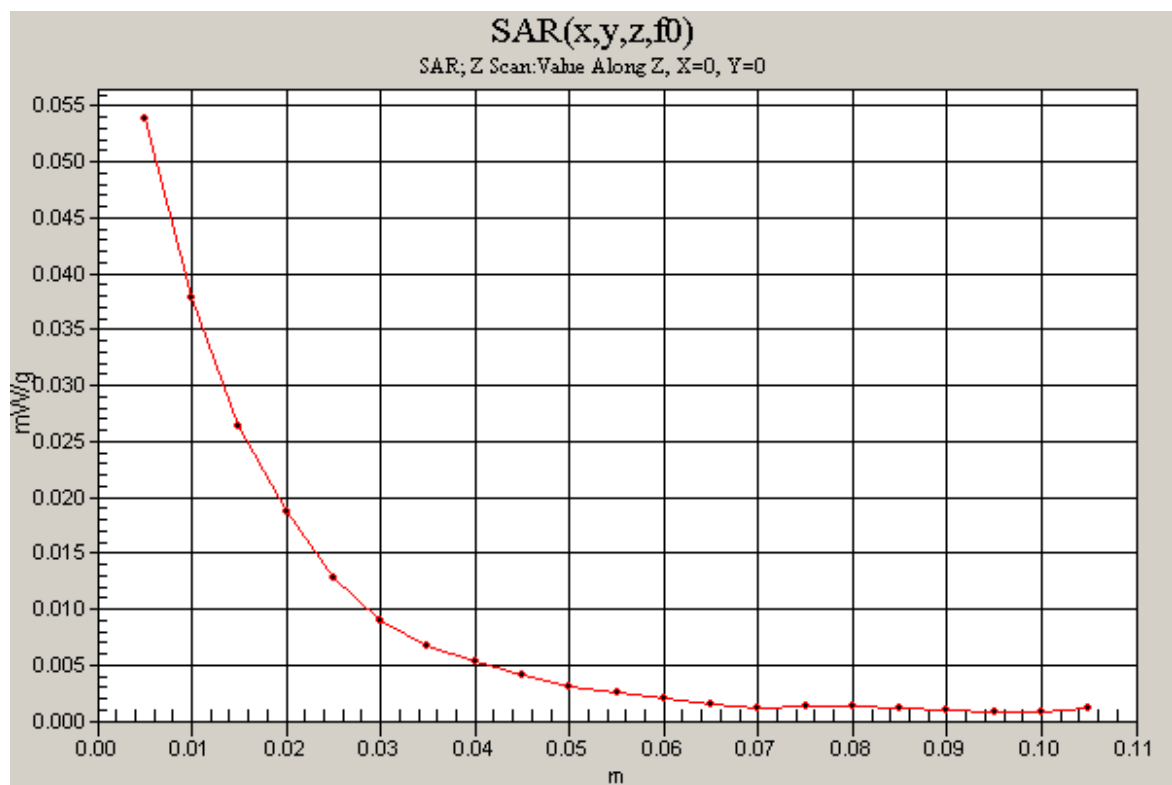
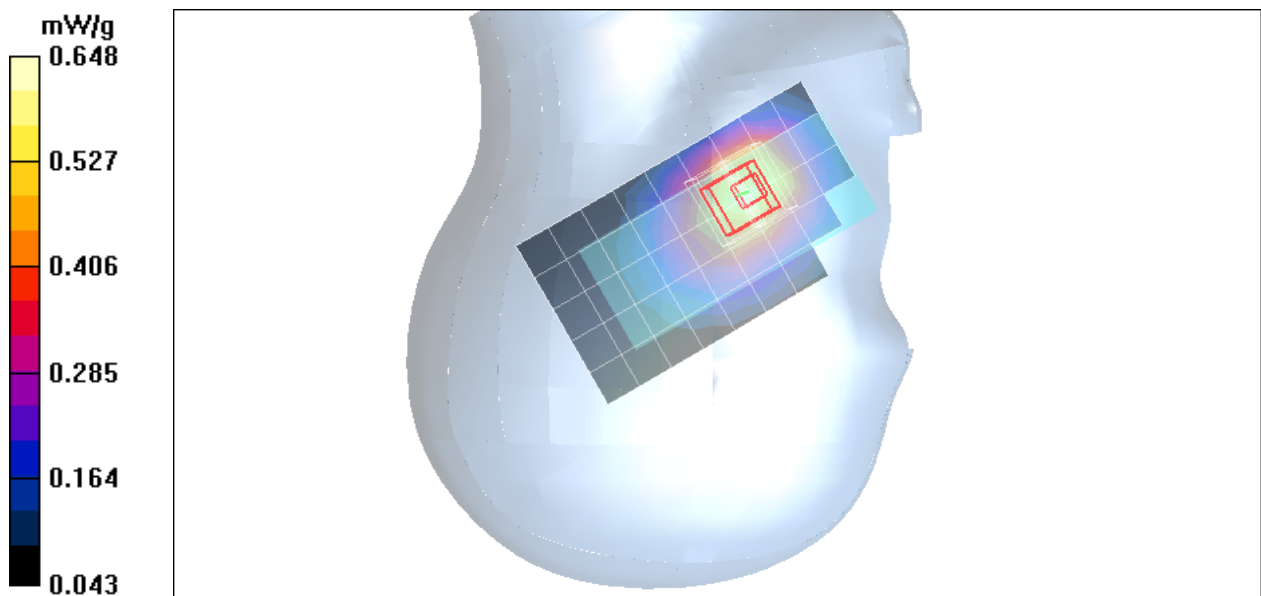
**SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 0.648 mW/g

### **co-Location Bt+GSM Right Cheek Low CH128/Z Scan (1x1x21):** Measurement

grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.054 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 850-Body**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.577 mW/g

**Front Body Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.89 V/m; Power Drift = -0.051 dB

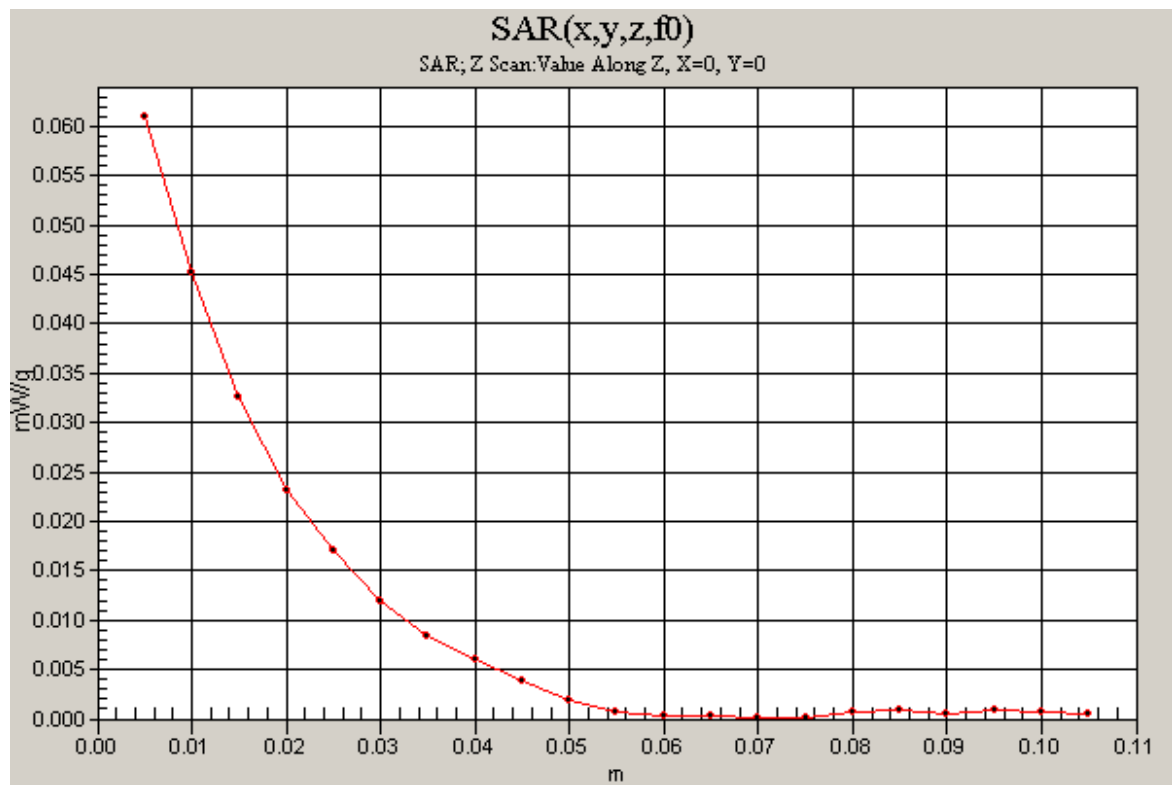
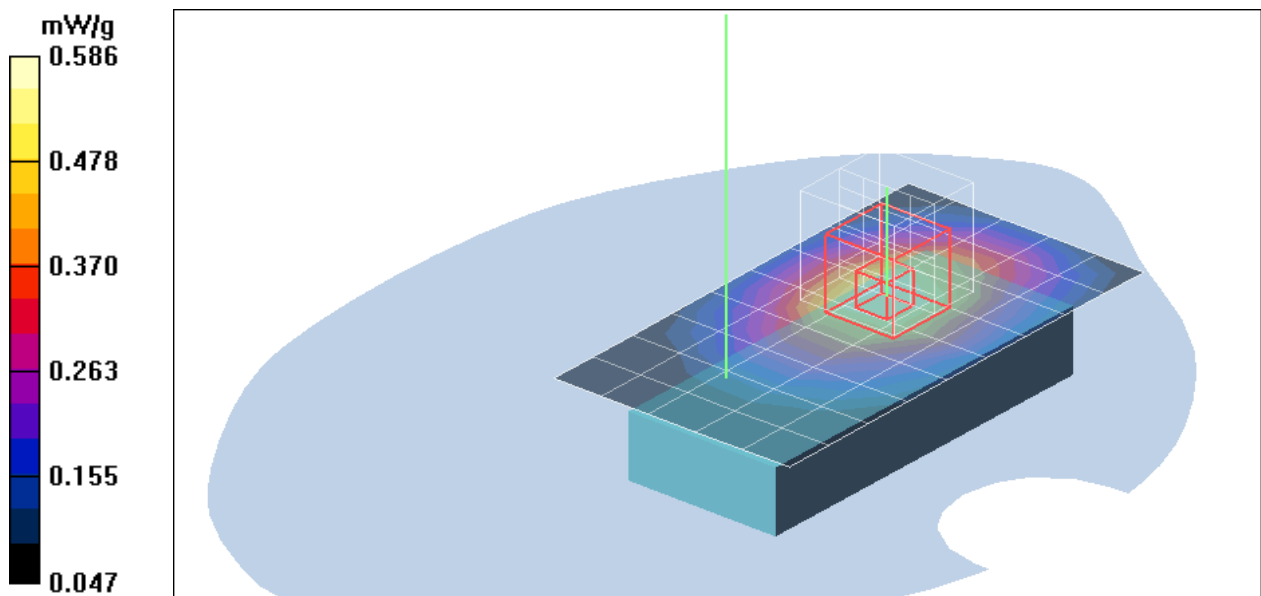
Peak SAR (extrapolated) = 0.693 W/kg

**SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.350 mW/g**

Maximum value of SAR (measured) = 0.586 mW/g

**Front Body Low CH128/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 881.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 881.6$  MHz;  $\sigma = 0.992$  mho/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

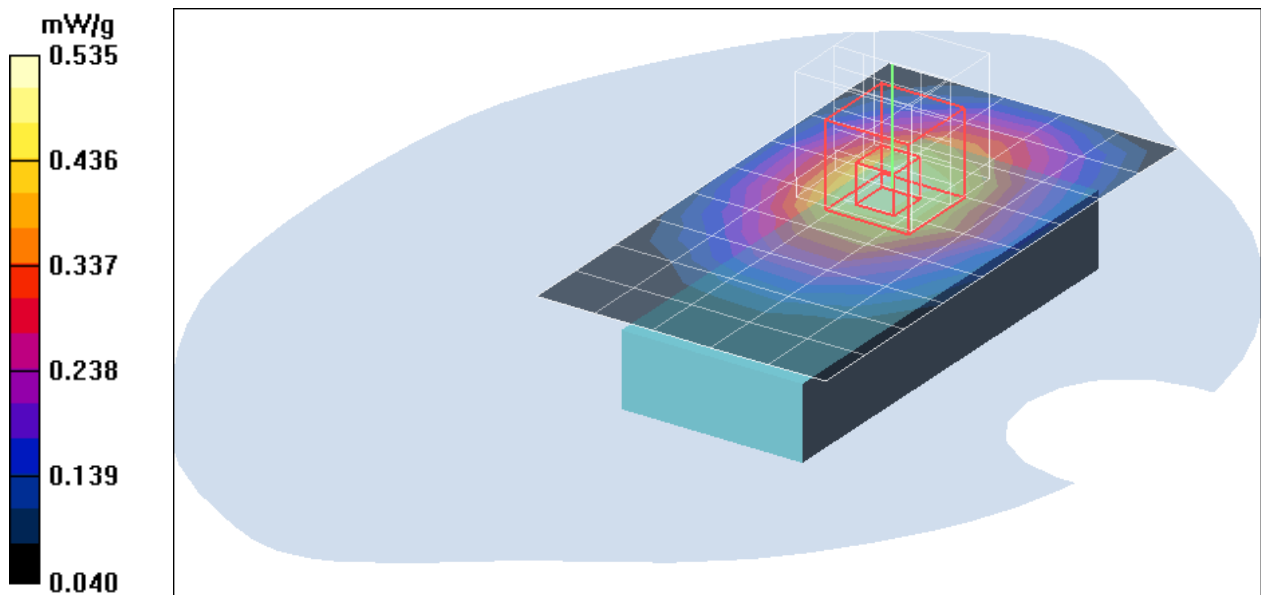
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Middle CH190/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.516 mW/g

**Front Body Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  
dx=7.5mm, dy=7.5mm, dz=5mm  
Reference Value = 8.43 V/m; Power Drift = -0.028 dB  
Peak SAR (extrapolated) = 0.633 W/kg  
**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.316 mW/g**  
Maximum value of SAR (measured) = 0.535 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 893.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 893.8$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.31, 9.31, 9.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body High CH251/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.519 mW/g

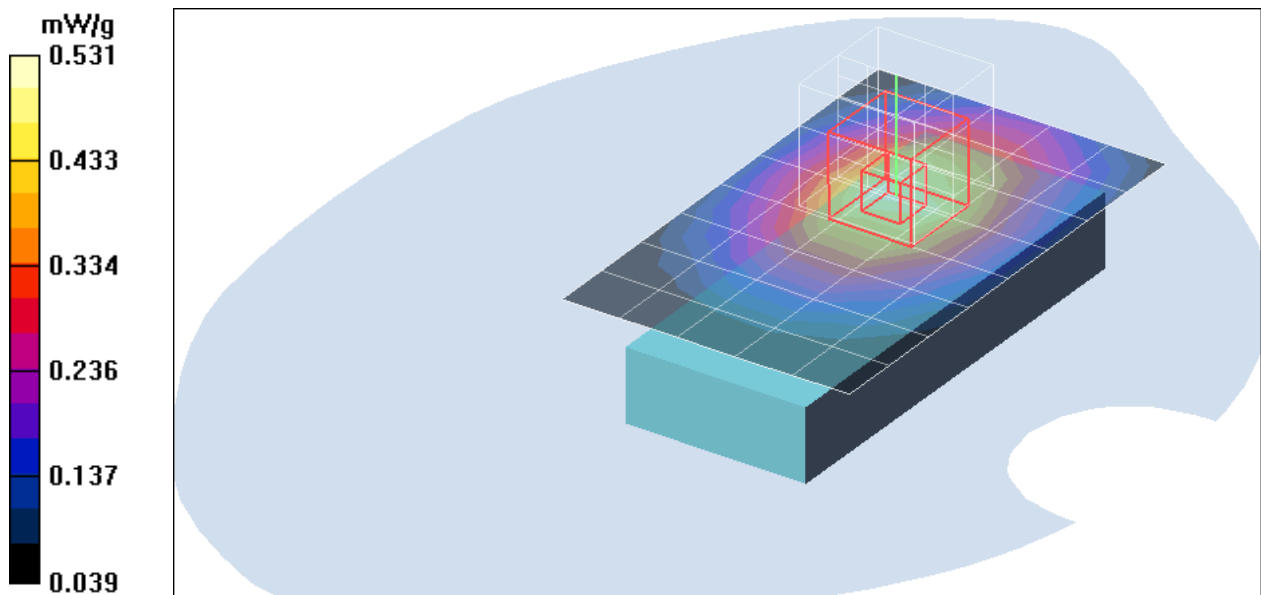
**Front Body High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.32 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.628 W/kg

**SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.312 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **co-location GSM 850+Bt-Body**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GSM 850; Frequency: 869.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

### **DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

### **Front Body Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

### **Front Body Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.99 V/m; Power Drift = -0.059 dB

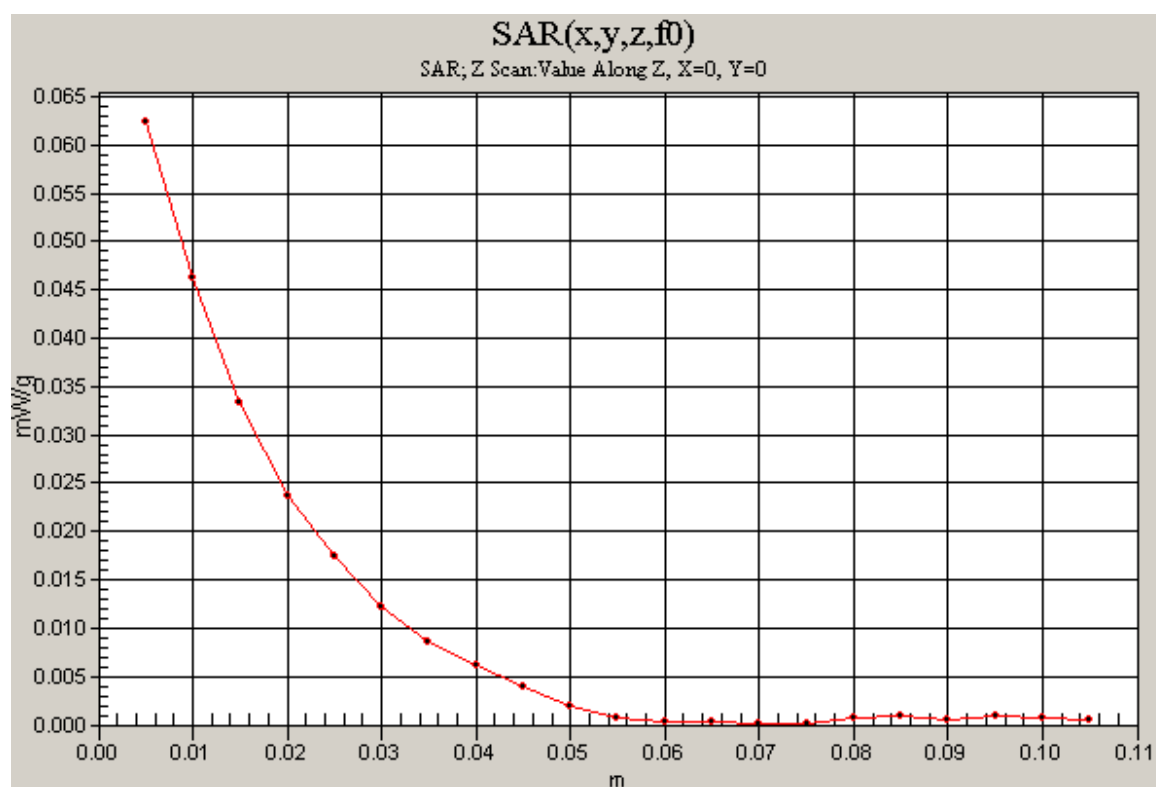
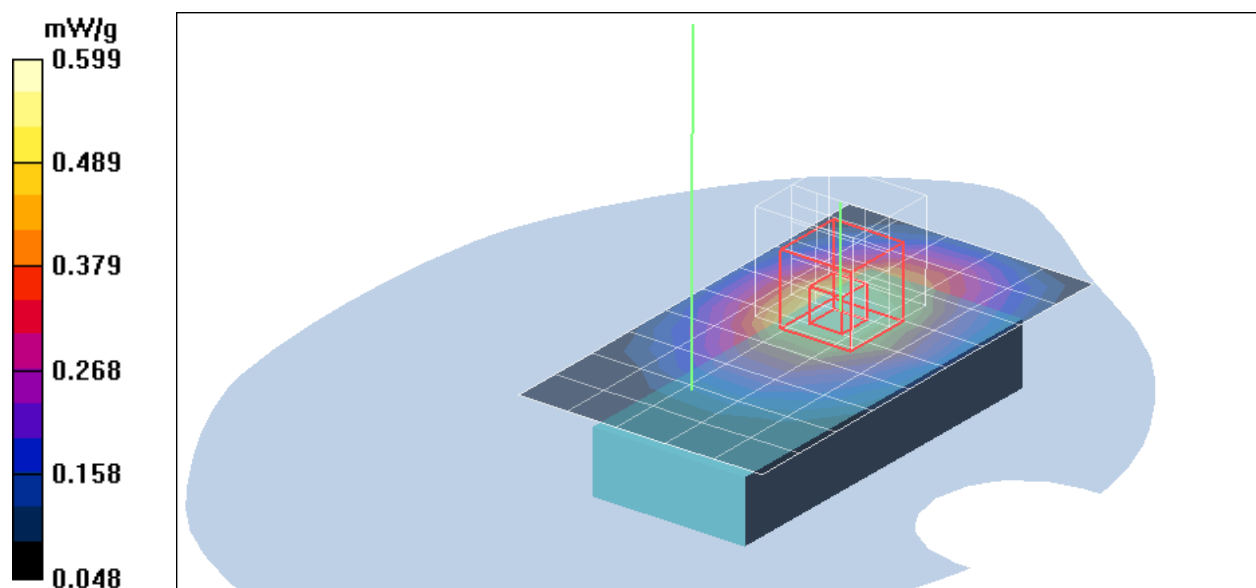
Peak SAR (extrapolated) = 0.708 W/kg

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.358 mW/g**

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

### **Front Body Low CH128/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS850-Body**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 850; Frequency: 869.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.837 mW/g

**Front Body Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.4 V/m; Power Drift = -0.081 dB

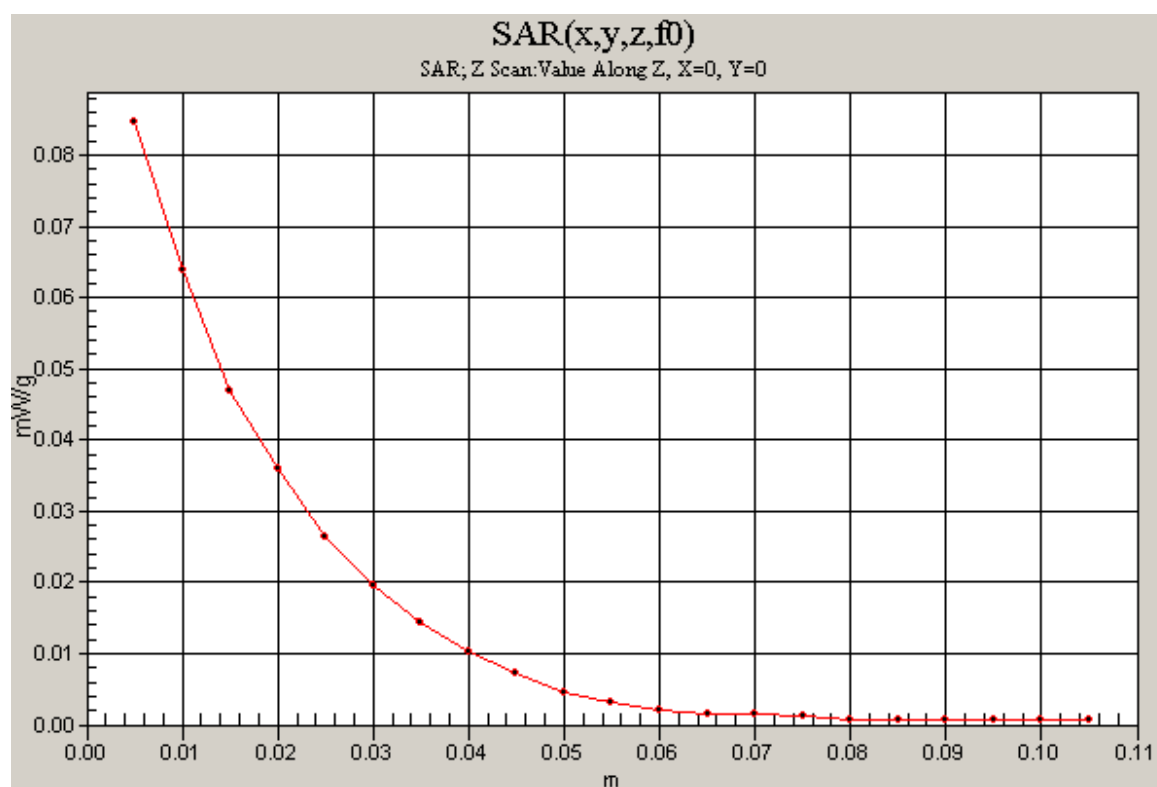
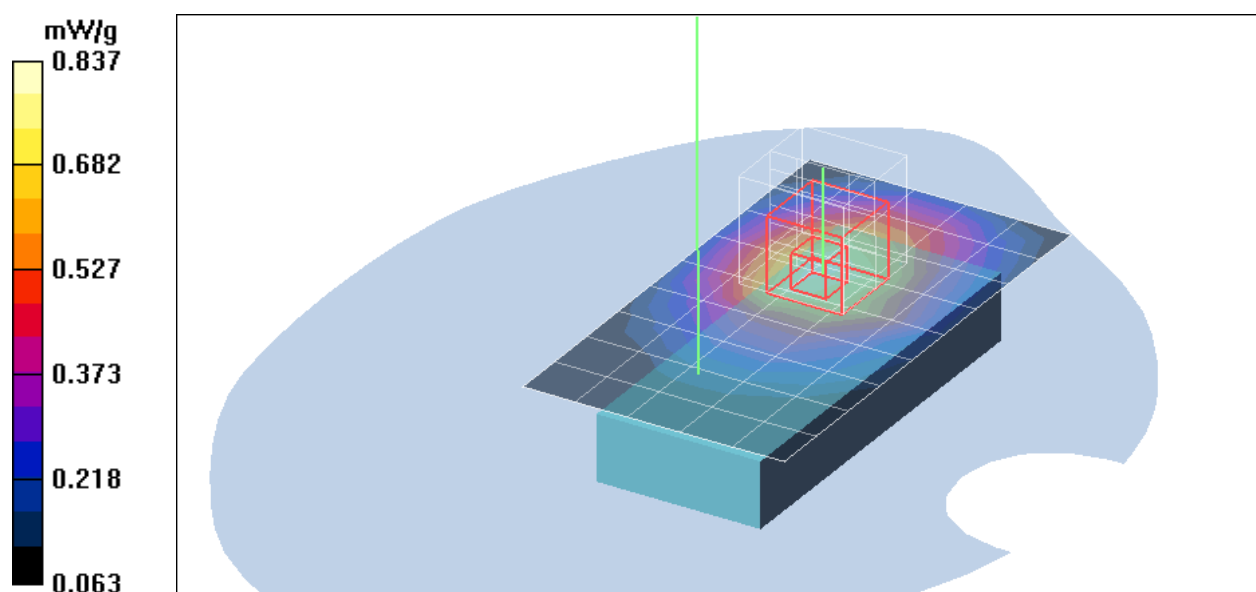
Peak SAR (extrapolated) = 0.988 W/kg

**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.494 mW/g**

Maximum value of SAR (measured) = 0.857 mW/g

**Front Body Low CH128/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.085 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GPRS850-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 850; Frequency: 881.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 881.6$  MHz;  $\sigma = 0.992$  mho/m;  $\epsilon_r = 55.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Middle CH190/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Front Body Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

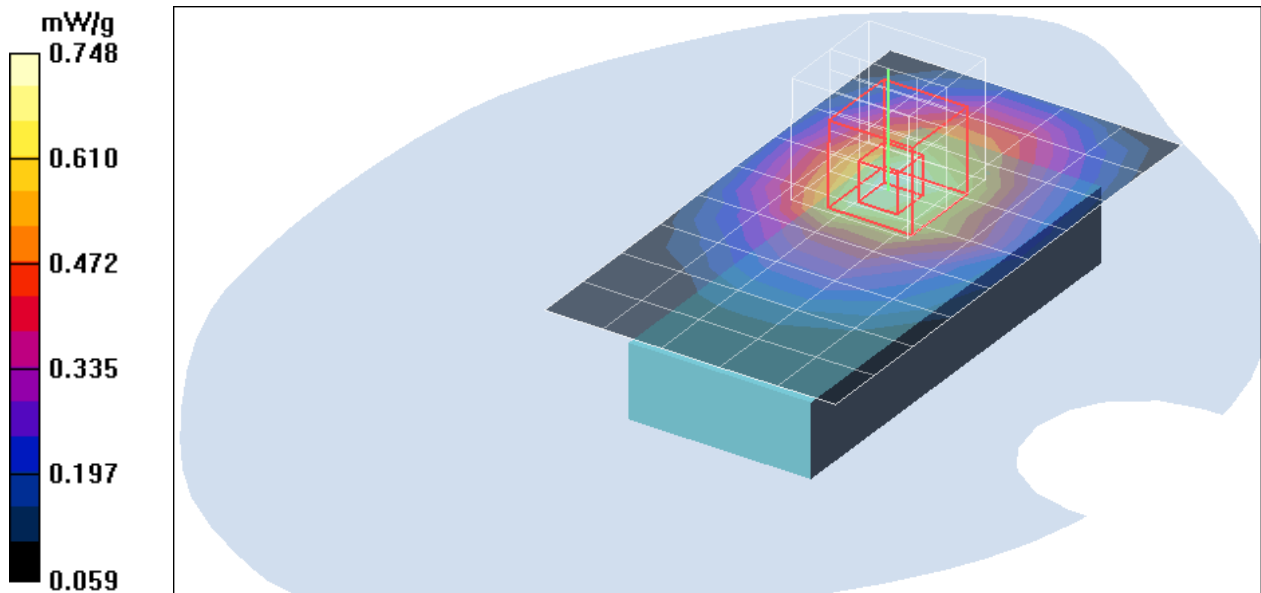
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.92 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.889 W/kg

**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.442 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## GPRS850-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 850; Frequency: 893.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 893.8$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 55.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.31, 9.31, 9.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.733 mW/g

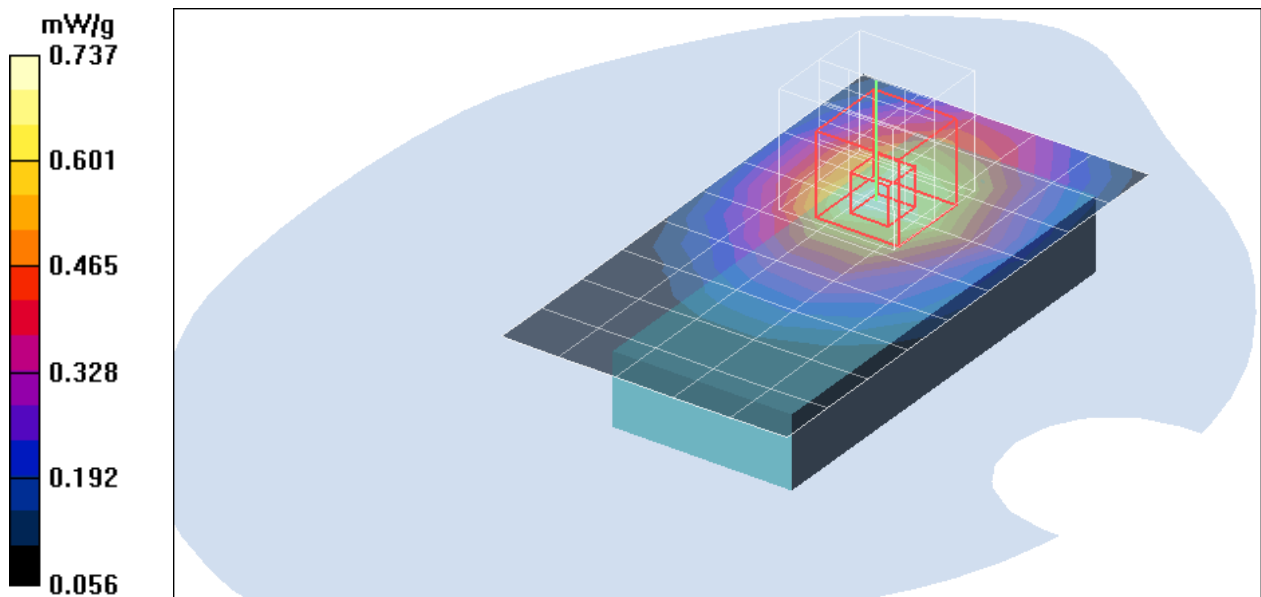
**Front Body High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.876 W/kg

**SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.433 mW/g**

Maximum value of SAR (measured) = 0.737 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **co-location GPRS850+Bt-Body**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 850; Frequency: 869.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 869.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.2 deg C; Liquid Temperature: 23.0 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Front Body Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.069 dB

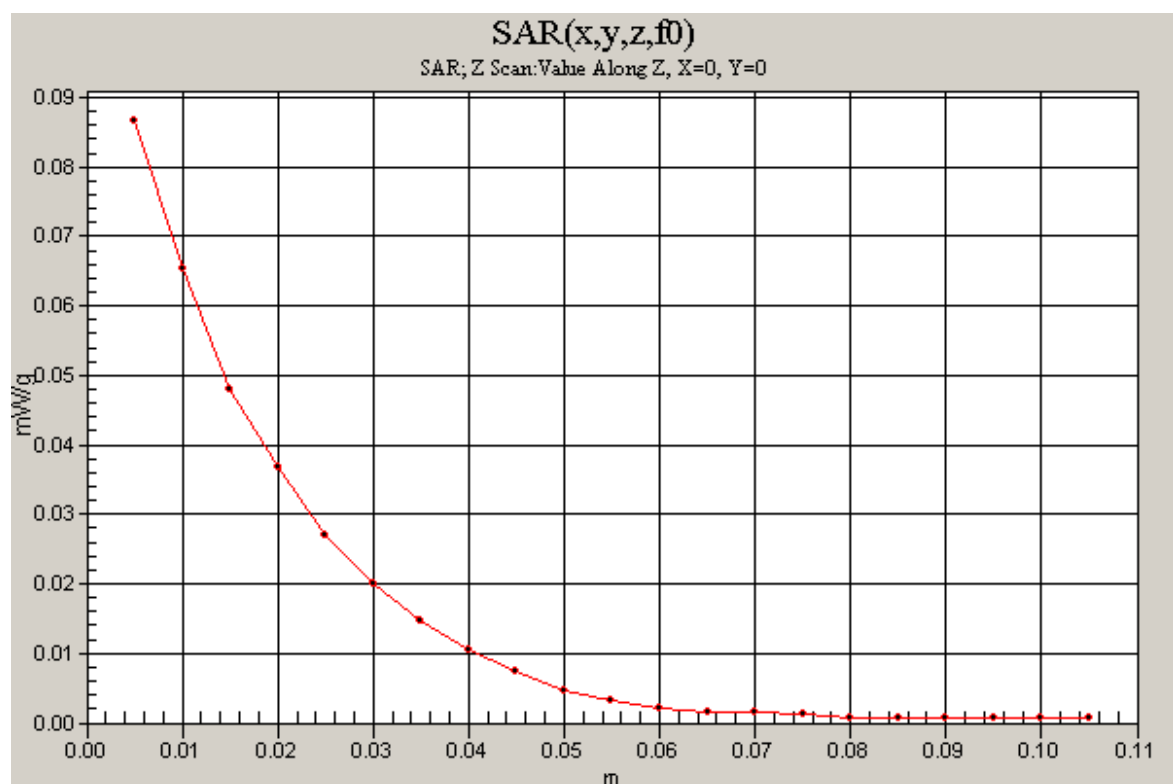
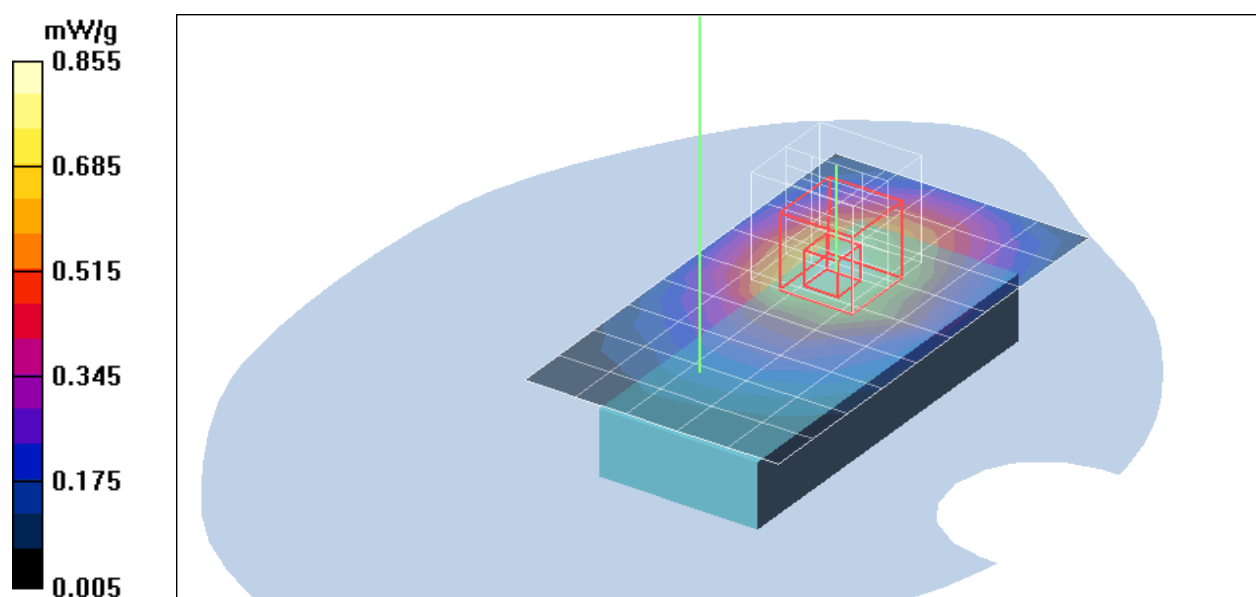
Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.505 mW/g**

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

**Front Body Low CH128/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Left Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Cheek Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.12 mW/g

**Left Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.047 dB

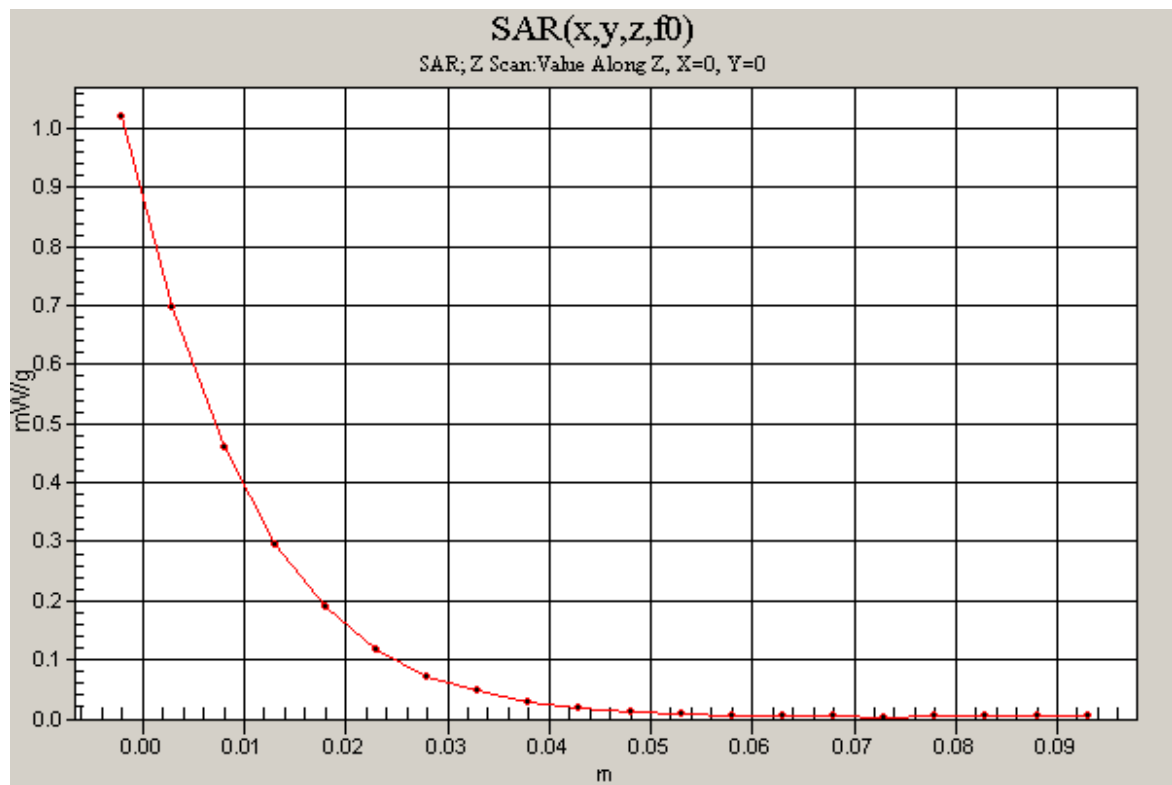
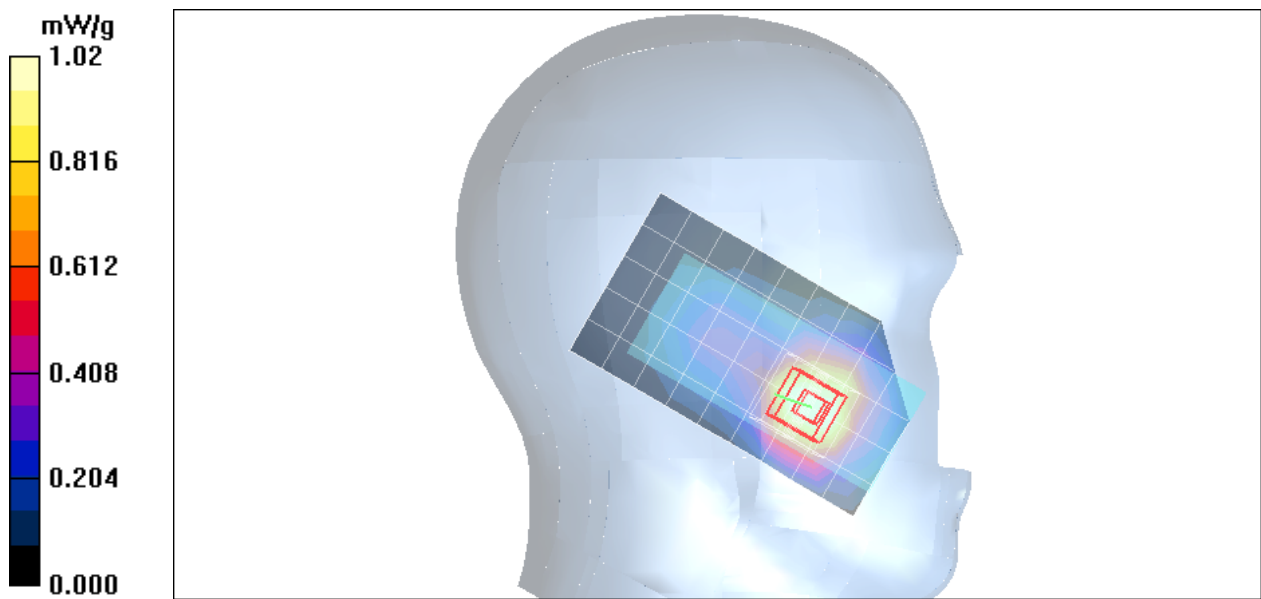
Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 1.040 mW/g; SAR(10 g) = 0.625 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g

**Left Cheek Low CH512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.02 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Left Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**LeftCheek Middle CH661/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

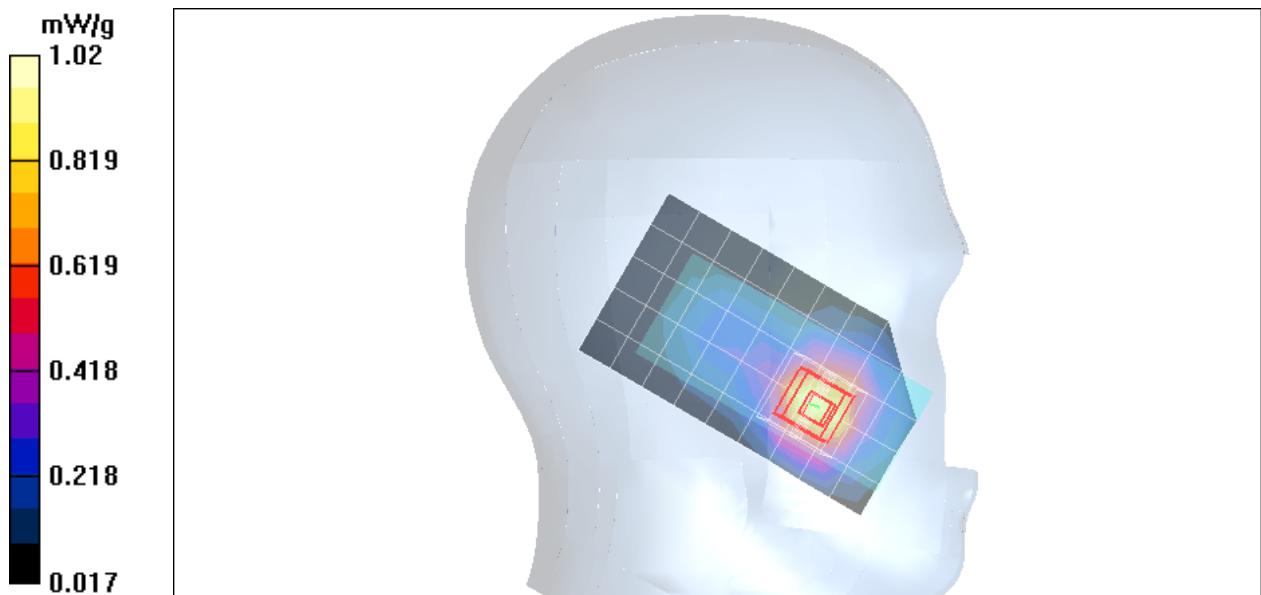
**LeftCheek Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.7 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.496 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Left Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Cheek High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.701 mW/g

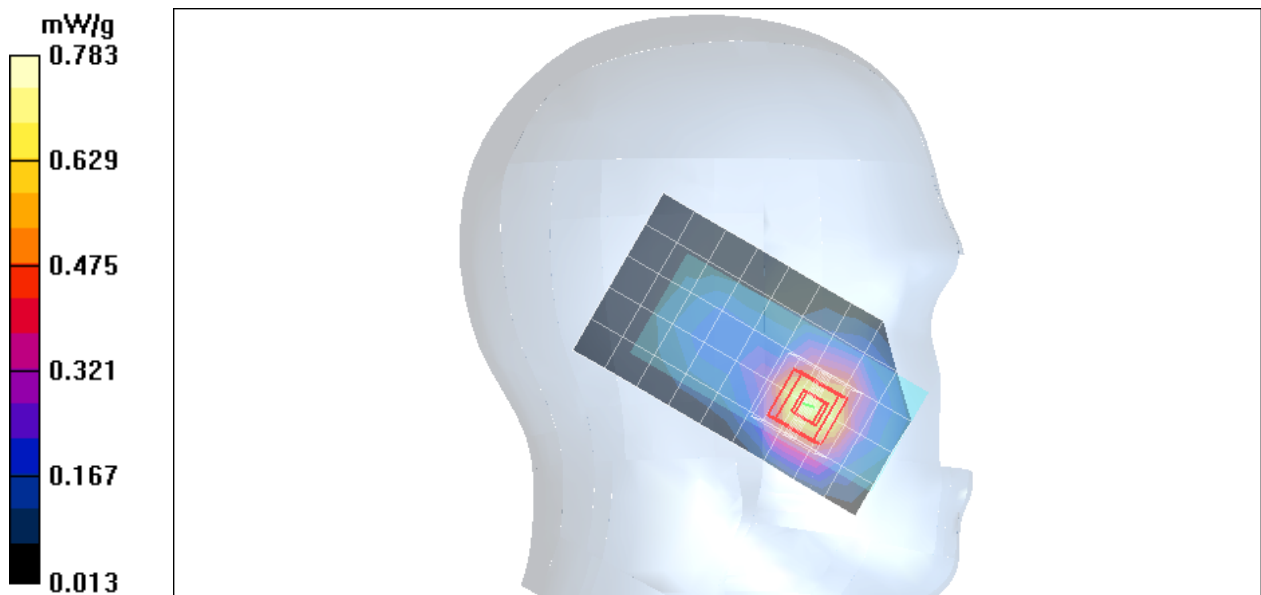
**Left Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.46 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.946 W/kg

**SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.375 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Left Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Tilted Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.368 mW/g

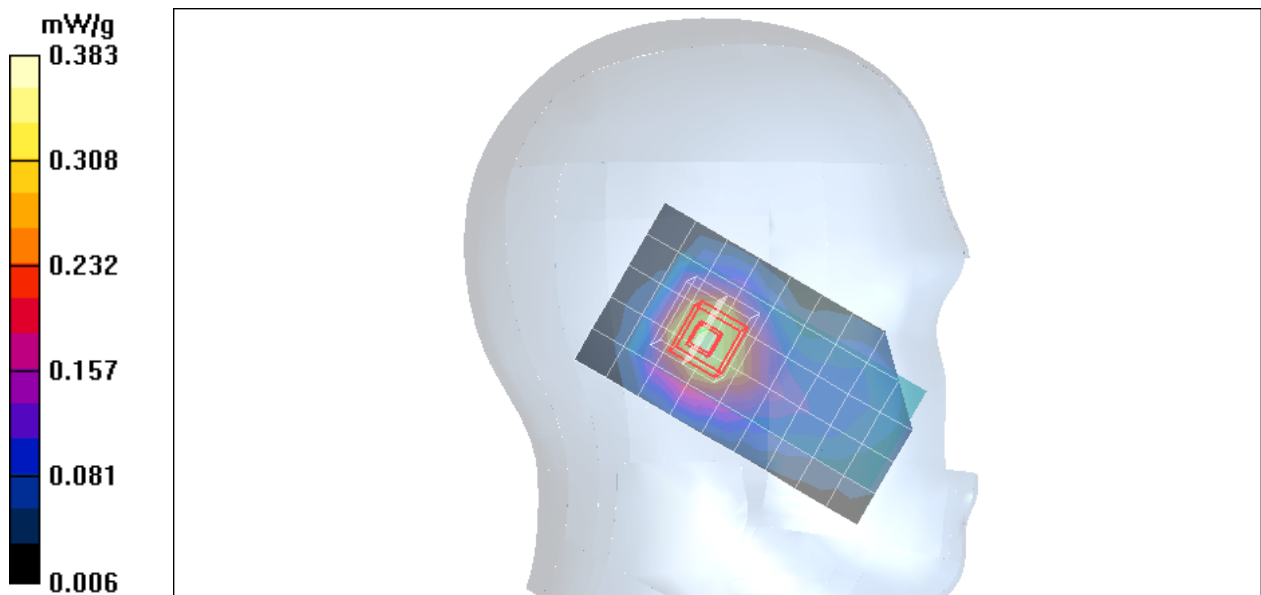
**Left Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.318 mW/g; SAR(10 g) = 0.196 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Left Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Tilted Middle CH661/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

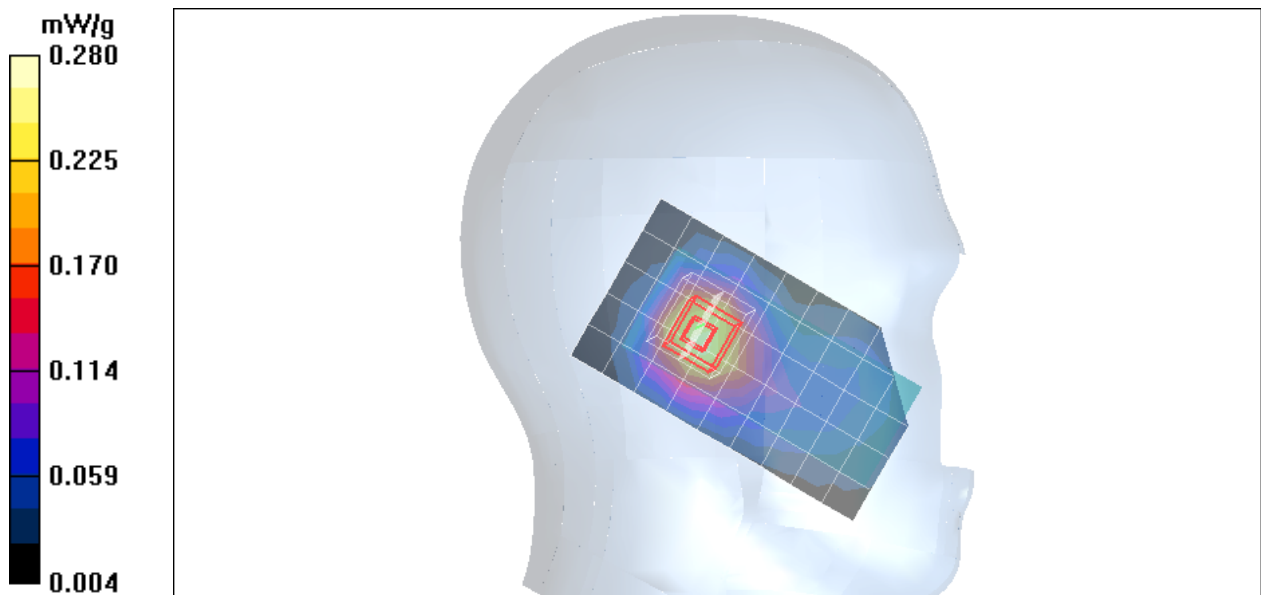
**Left Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.141 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Left Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Left Tilted High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

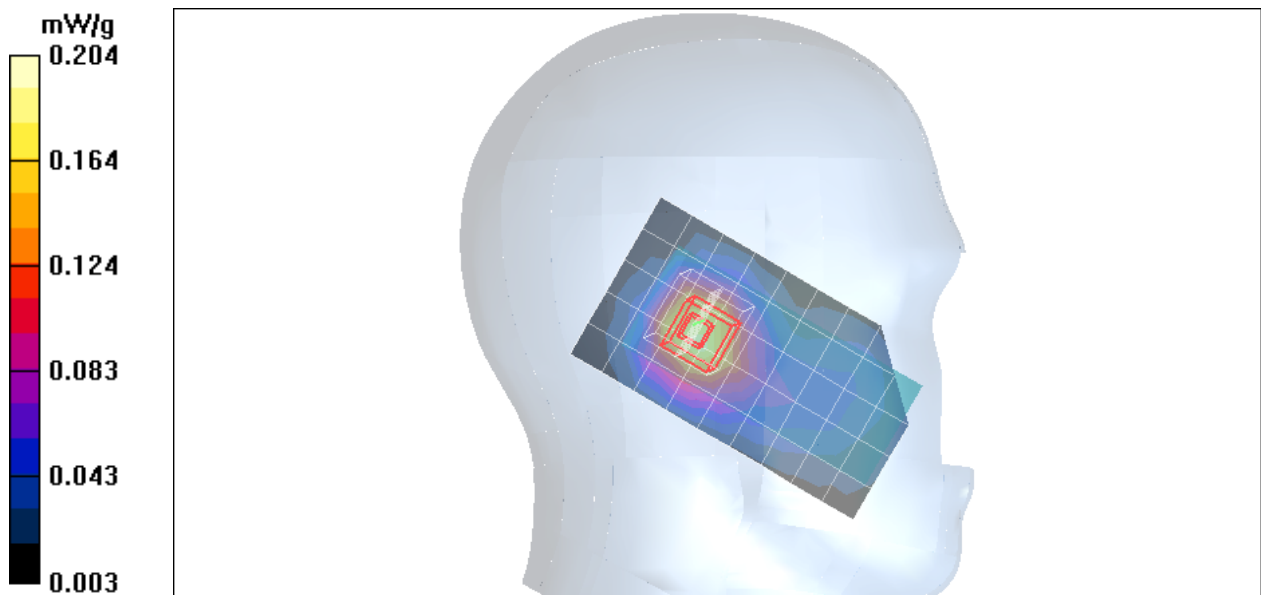
**Left Tilted High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.0 V/m; Power Drift = -0.136 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.100 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Right Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Cheek Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

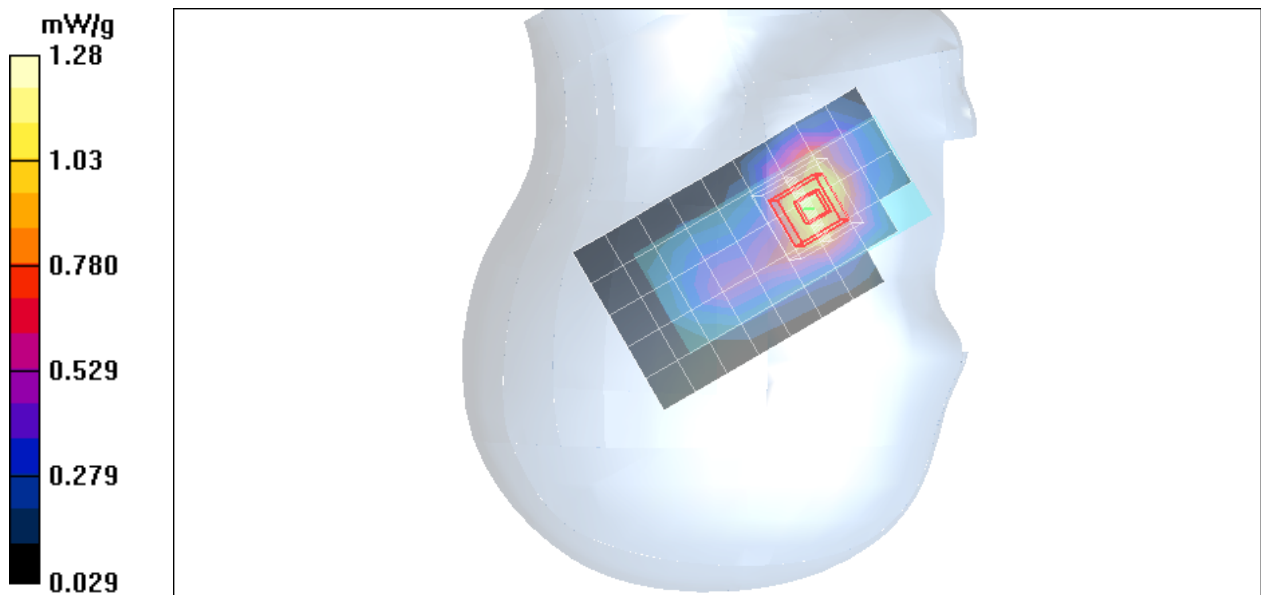
**Right Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.601 mW/g**

Maximum value of SAR (measured) = 1.28 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Right Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Cheek Middle CH661/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.834 mW/g

**Right Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

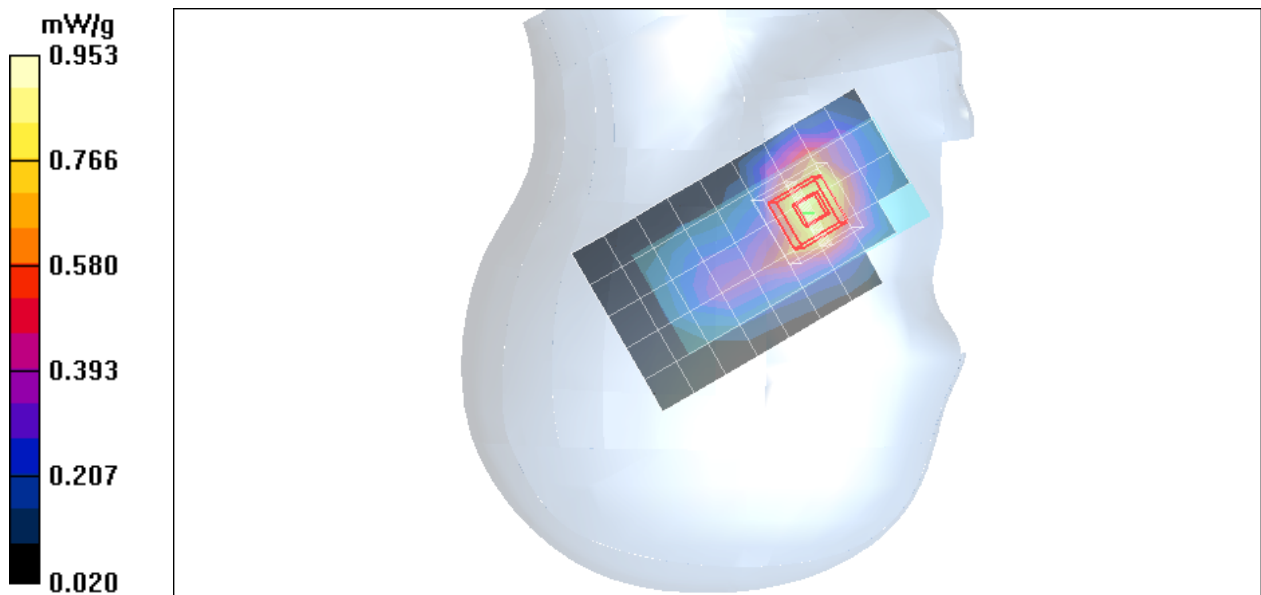
$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.3 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.461 mW/g**

Maximum value of SAR (measured) = 0.953 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Right Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Cheek High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.592 mW/g

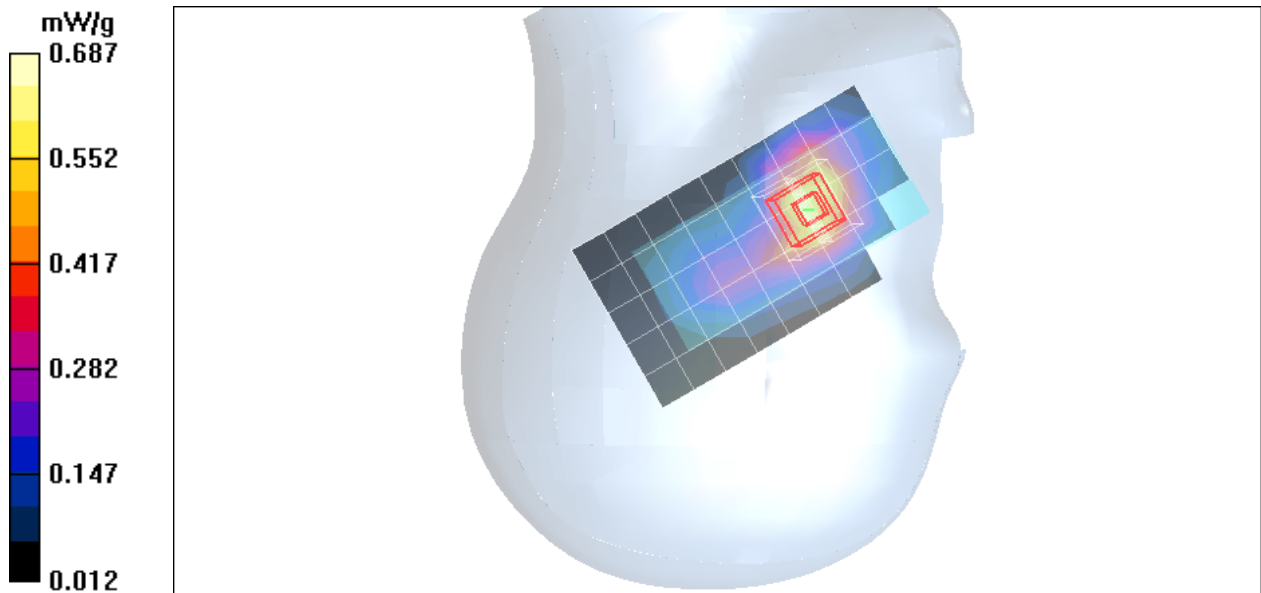
**Right Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.841 W/kg

**SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.687 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Right Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Tilted Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.465 mW/g

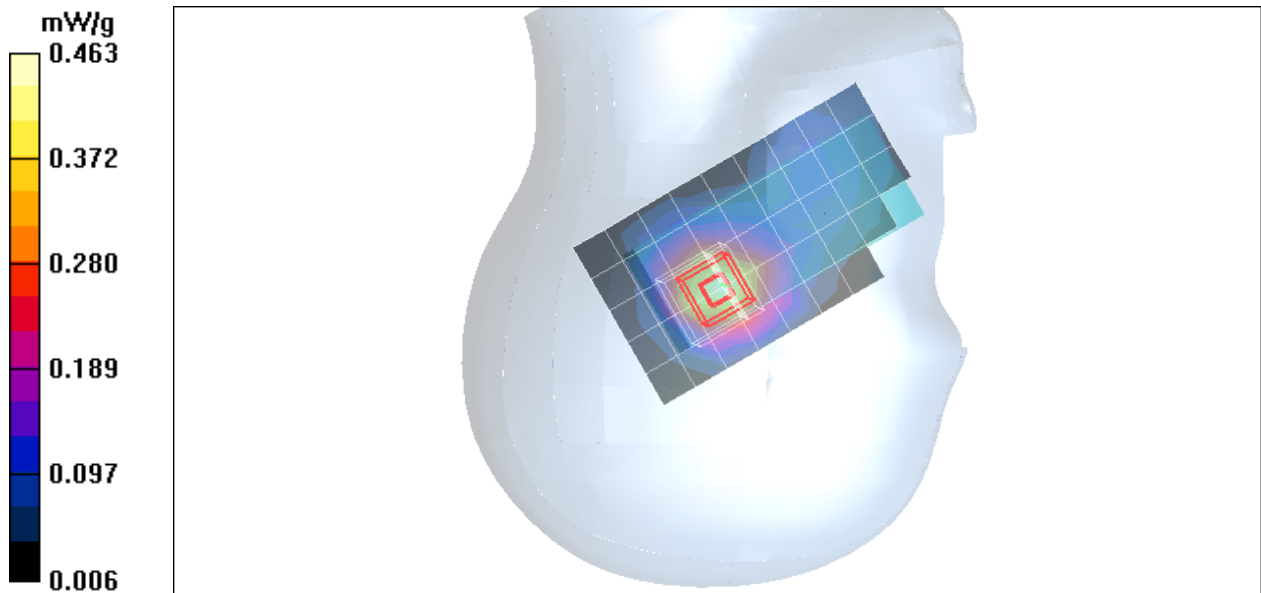
**Right Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.577 W/kg

**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.236 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Right Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Tilted Middle CH661/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.335 mW/g

**Right Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

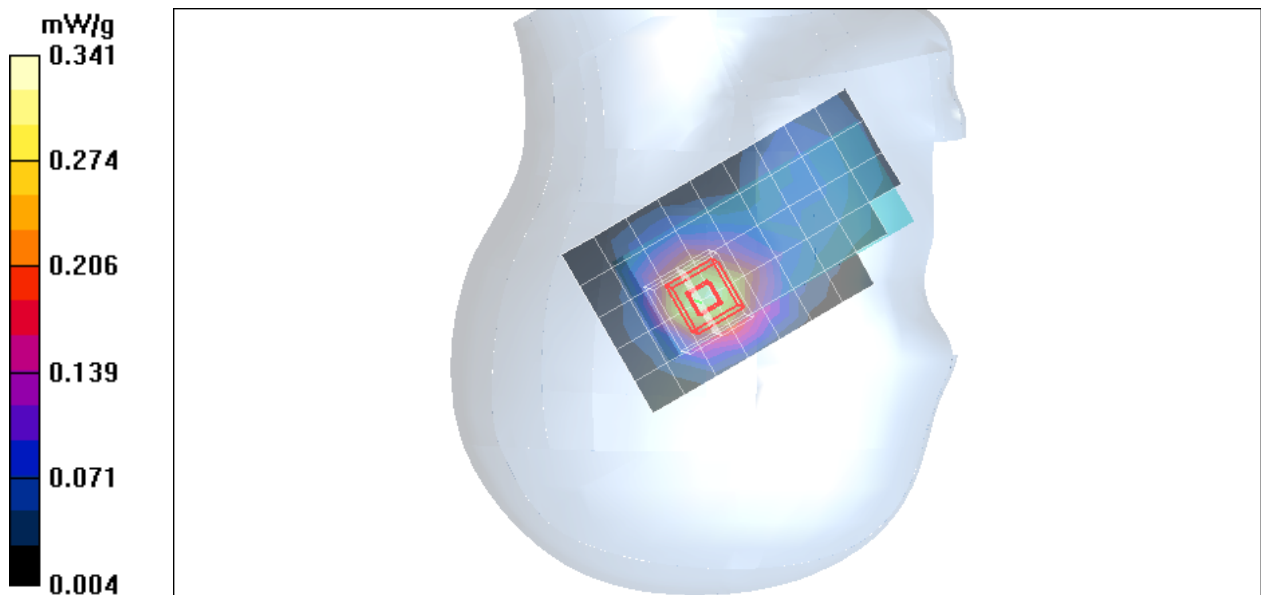
$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.5 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.423 W/kg

**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.341 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Right Head

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.3 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Right Tilted High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.240 mW/g

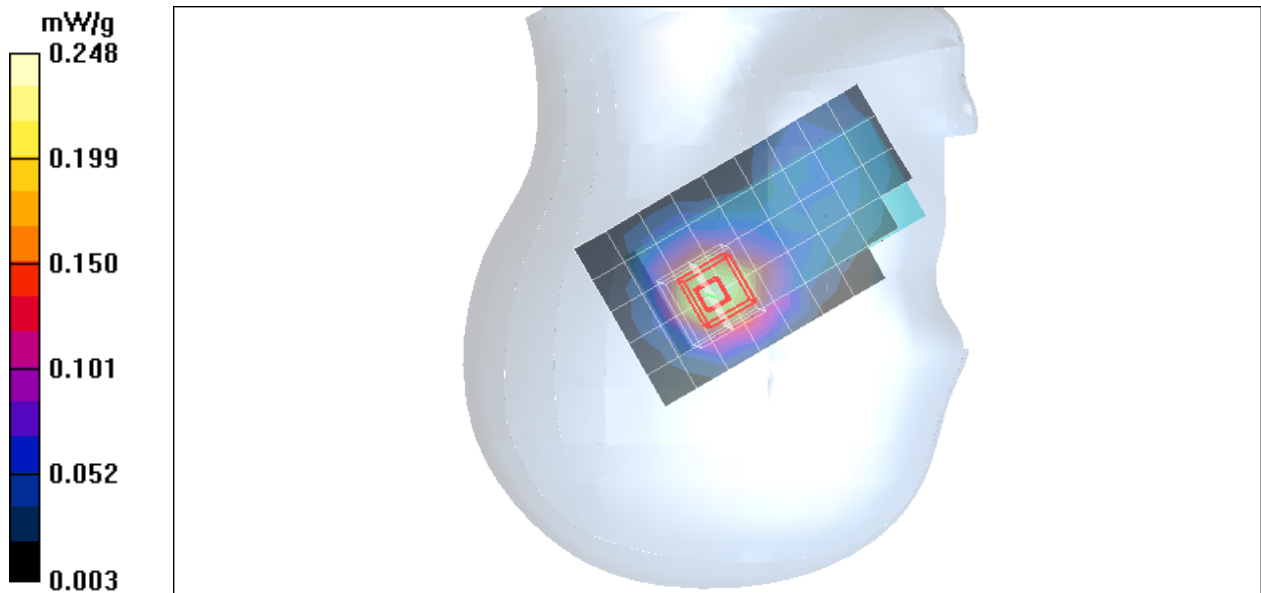
**Right Tilted High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.248 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.623 mW/g

**Front Body Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.013 dB

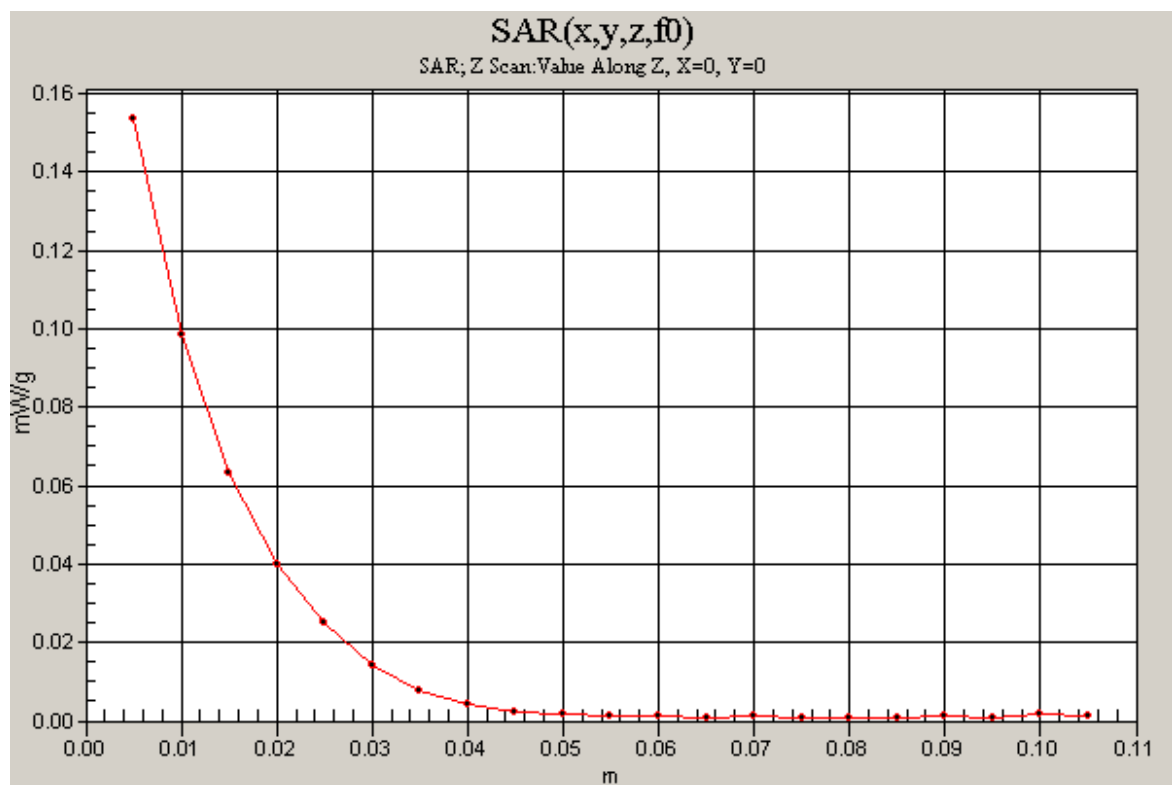
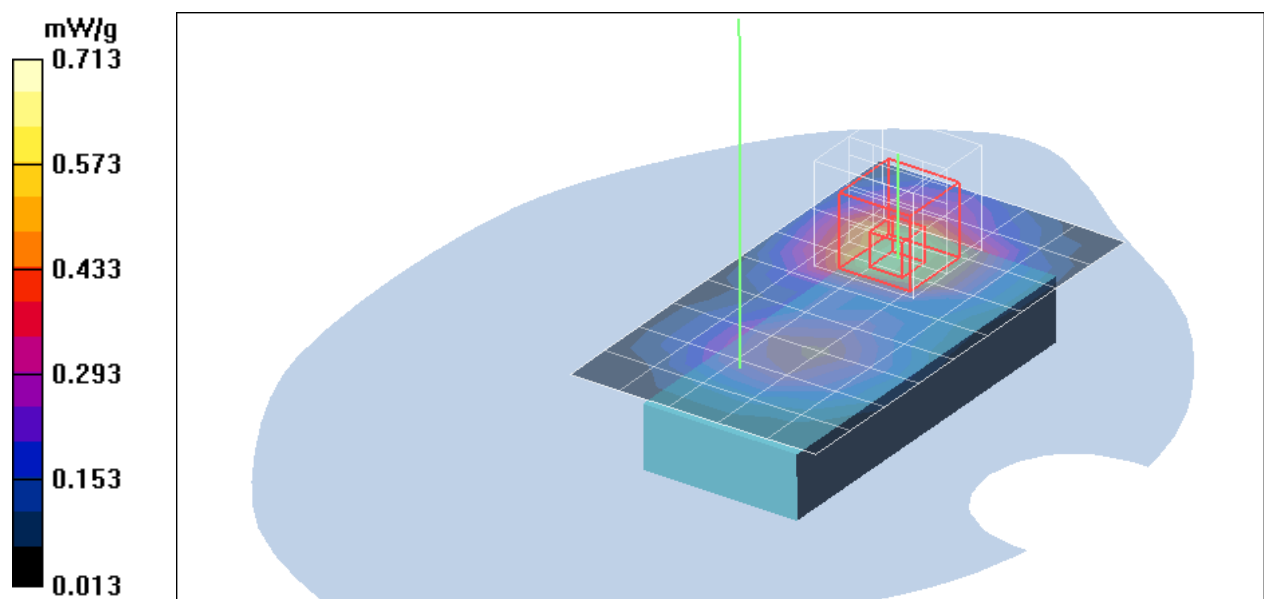
Peak SAR (extrapolated) = 0.875 W/kg

**SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.339 mW/g**

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

**Front Body Low CH512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Middle CH661/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.493 mW/g

**Front Body Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

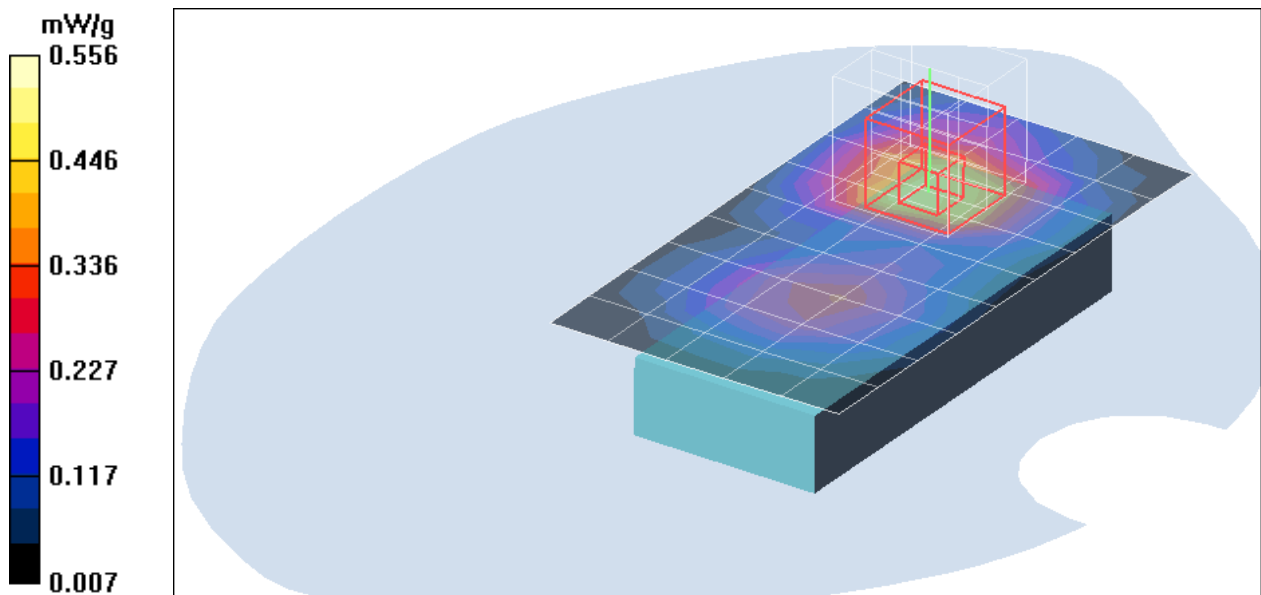
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.683 W/kg

**SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.260 mW/g**

Maximum value of SAR (measured) = 0.556 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body High CH810/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.415 mW/g

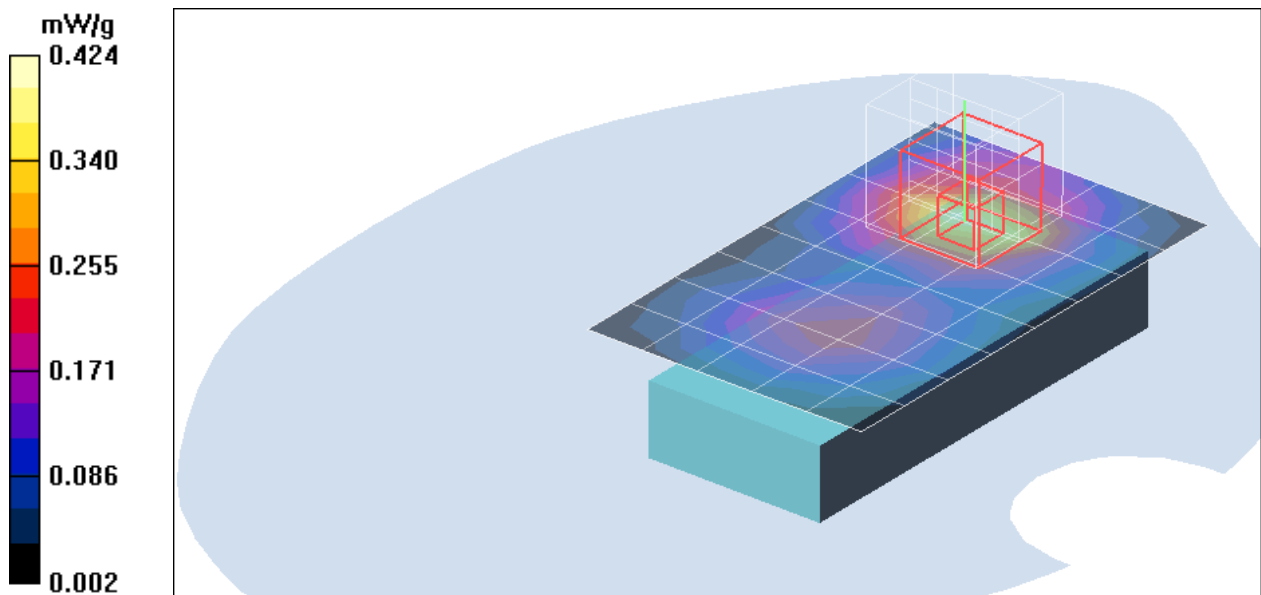
**Front Body High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.03 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.521 W/kg

**SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.424 mW/g



Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

### **co-Location GSM+Bt Front Body Low CH512/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.645 mW/g

### **co-Location GSM+Bt Front Body Low CH512/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.907 W/kg

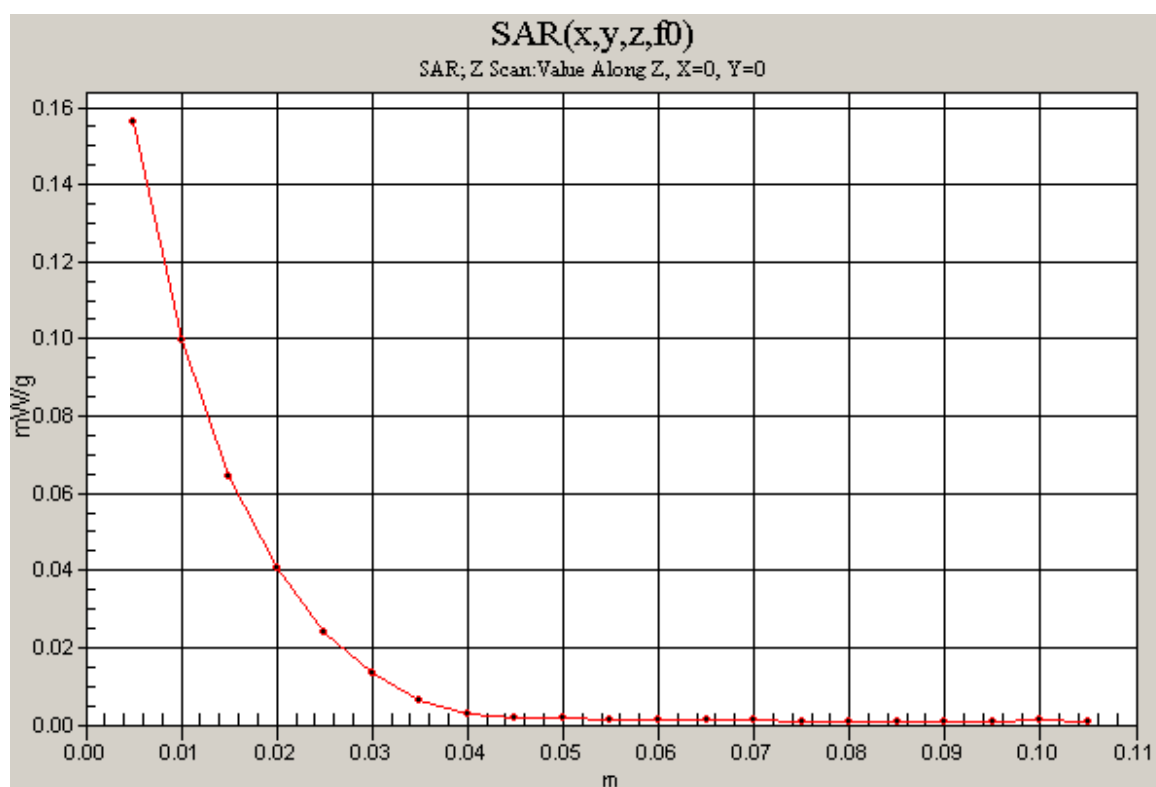
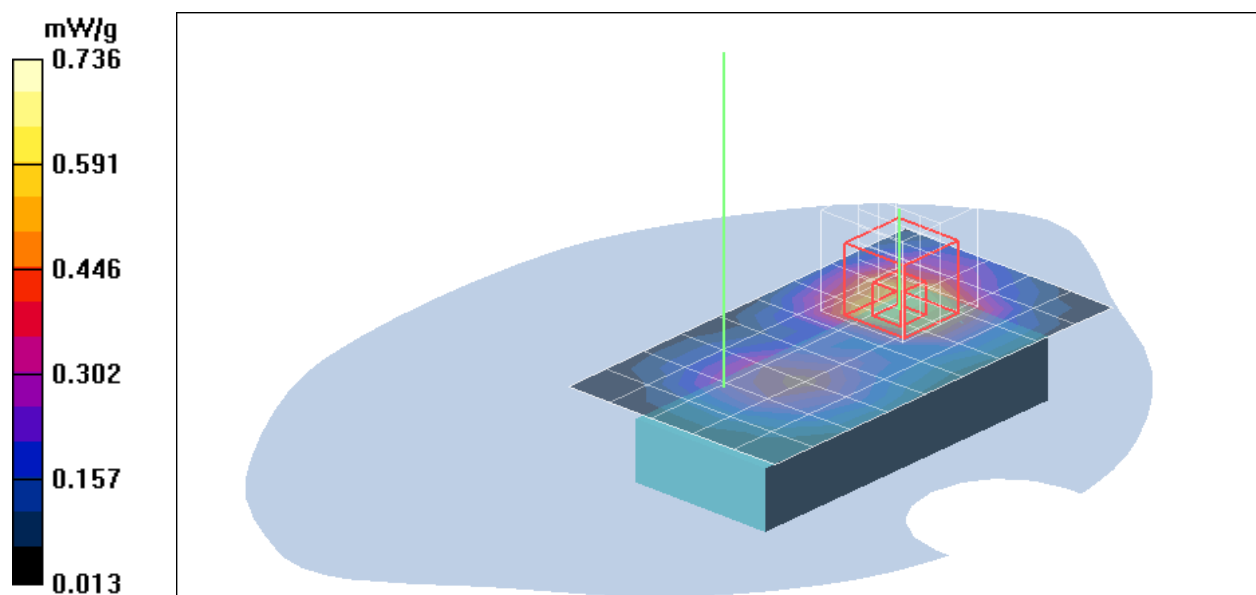
**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.351 mW/g**

Maximum value of SAR (measured) = 0.736 mW/g

### **co-Location GSM+Bt Front Body Low CH512/Z Scan (1x1x21):** Measurement

grid: dx=20mm, dy=20mm, dz=5mm

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900-Body**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.02 mW/g

**Front Body Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = -0.059 dB

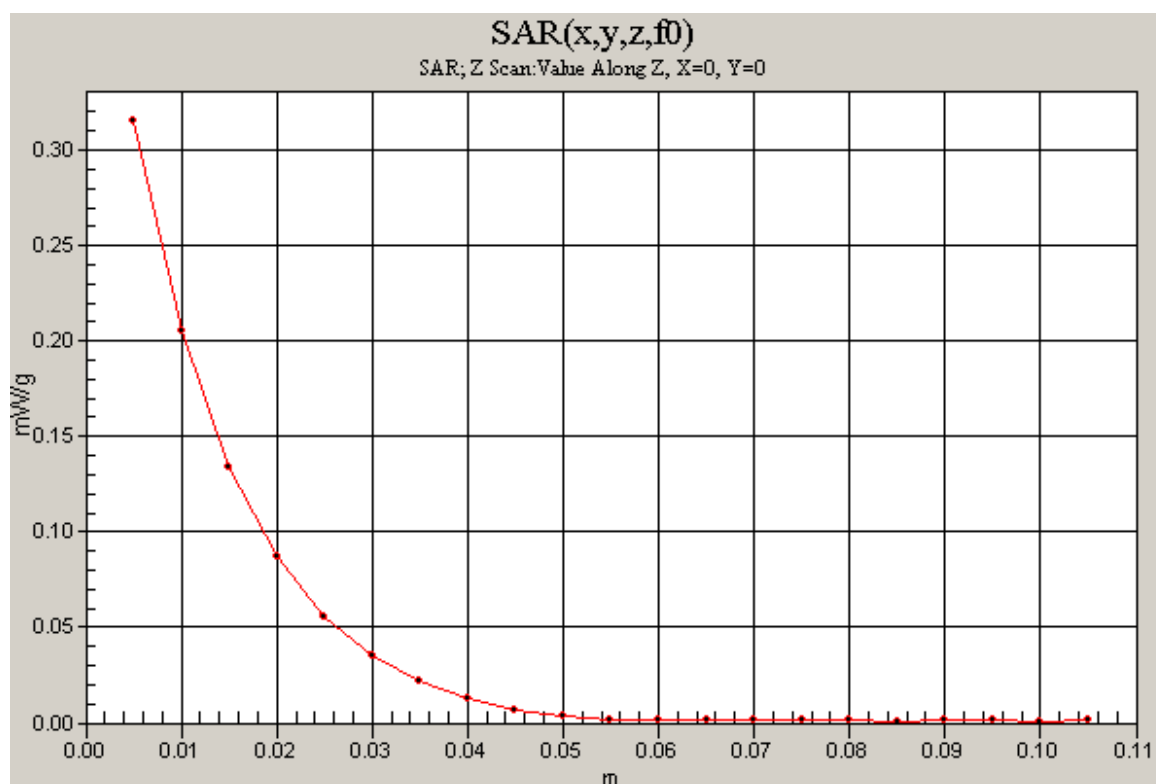
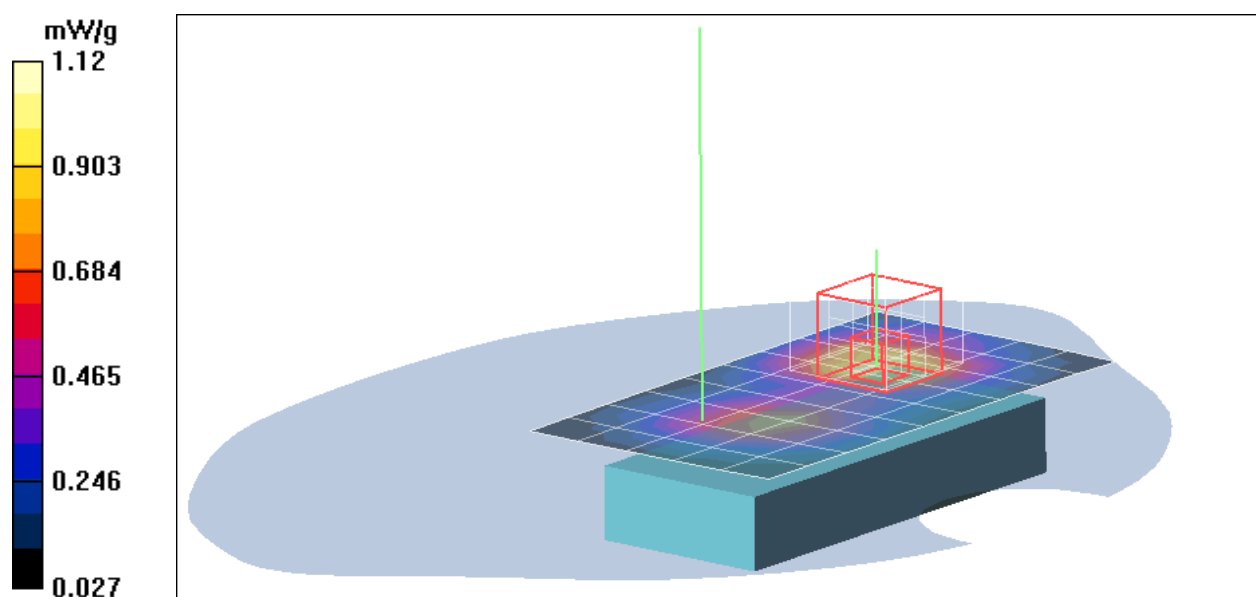
Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.537 mW/g**

Maximum value of SAR (measured) = 1.12 mW/g

**Front Body Low CH512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

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



Test Laboratory: Compliance Certification Services Inc.

## GPRS1900-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.49 \text{ mho/m}$ ;  $\epsilon_r = 51.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body Middle CH661/Area Scan (6x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.828 mW/g

**Front Body Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

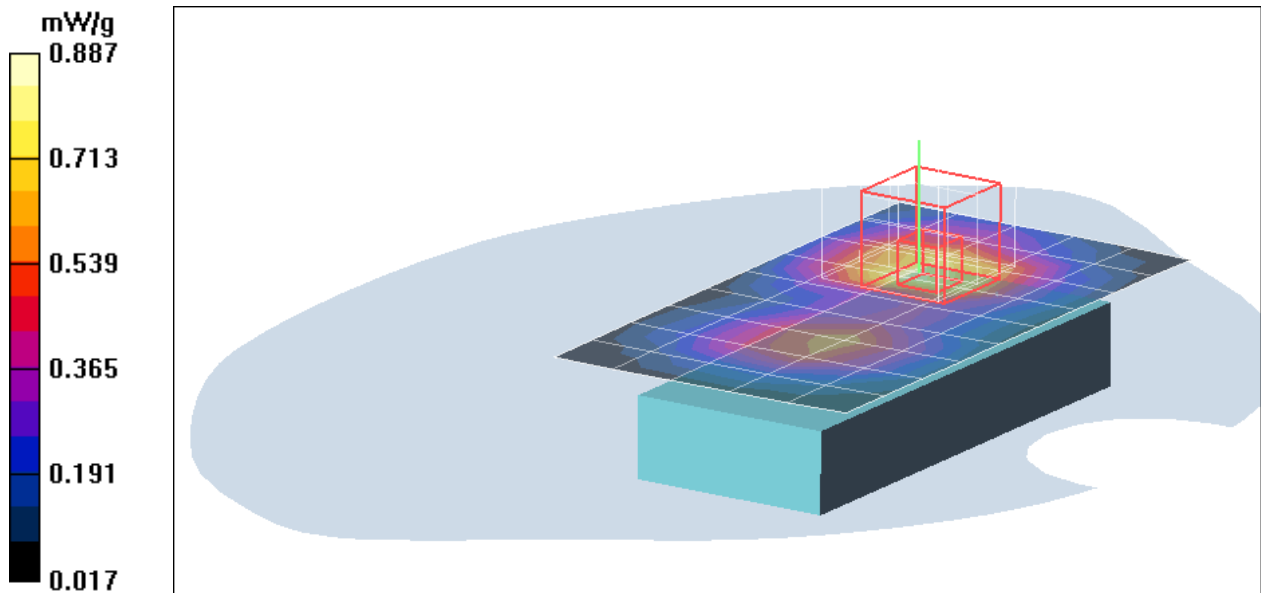
$dx=7.5\text{mm}$ ,  $dy=7.5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.3 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.429 mW/g**

Maximum value of SAR (measured) = 0.887 mW/g



Test Laboratory: Compliance Certification Services Inc.

## GPRS1900-Body

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

**Front Body High CH810/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

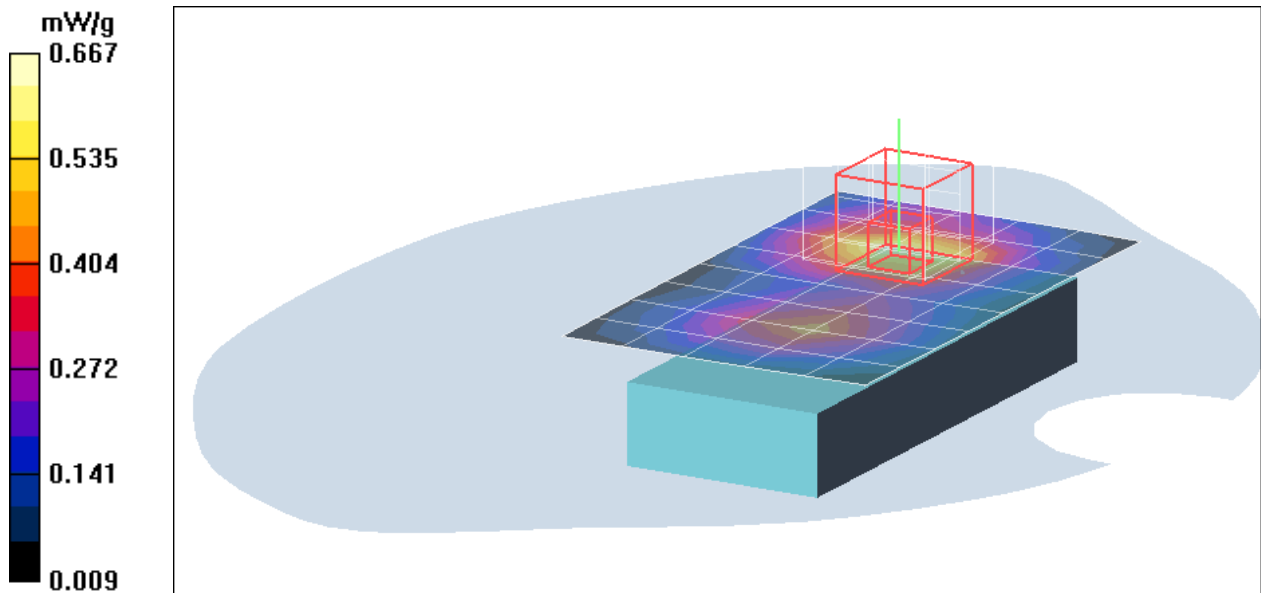
**Front Body High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.827 W/kg

**SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.314 mW/g**

Maximum value of SAR (measured) = 0.667 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900-Body**

**DUT: M1; Type: Smart Phone; Serial: N/A**

Communication System: GPRS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.5 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

### **co-Location GPRS+Bt Front Body Low CH512/Area Scan (6x10x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.10 mW/g

### **co-Location GPRS+Bt Front Body Low CH512/Zoom Scan (5x5x7)/Cube**

**0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.582 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g

### **co-Location GPRS+Bt Front Body Low CH512/Z Scan (1x1x21):** Measurement

grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.335 mW/g

