

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;  $\sigma = 0.907$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

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

**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 52.1 V/m; Power Drift = -0.002 dB

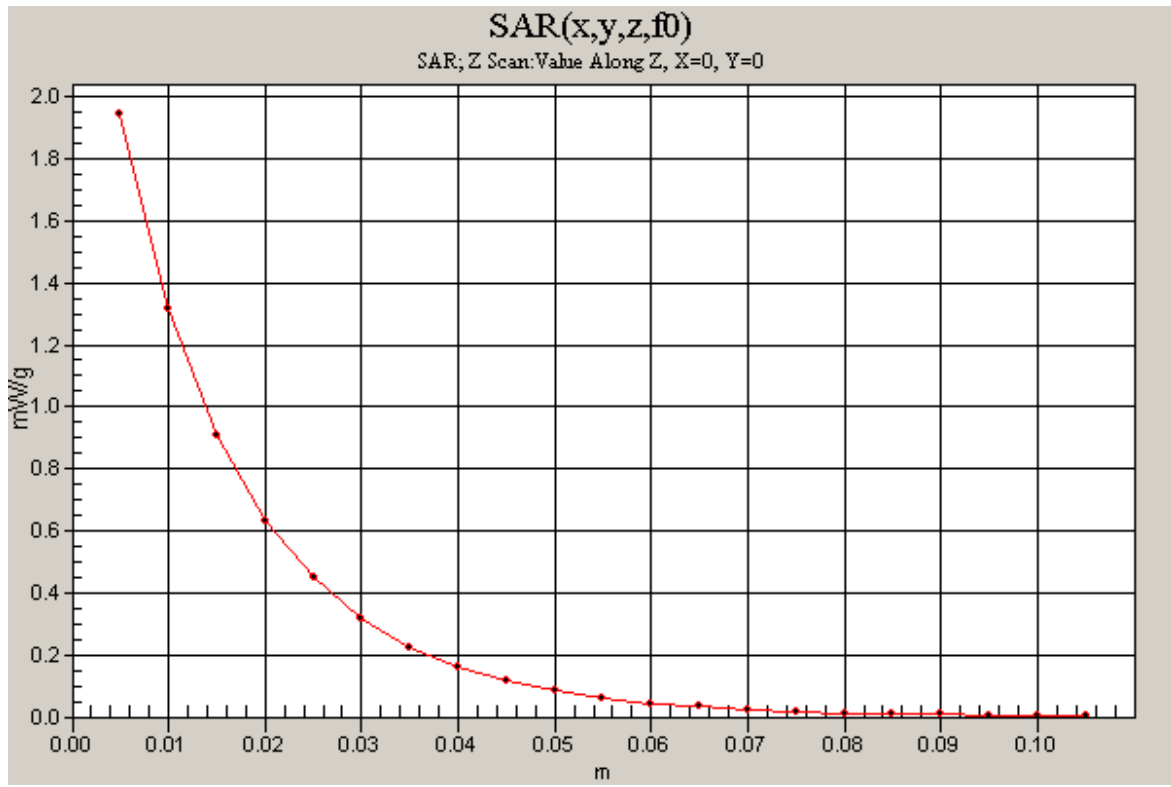
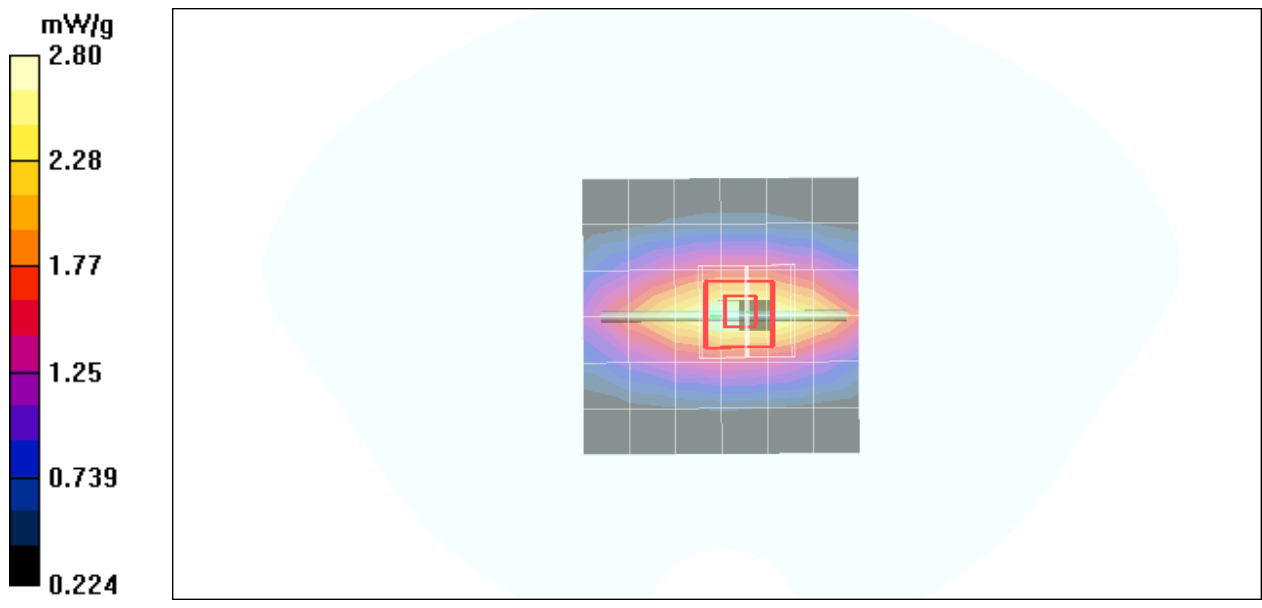
Peak SAR (extrapolated) = 3.44 W/kg

**SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.49 mW/g**

Maximum value of SAR (measured) = 2.80 mW/g

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

Maximum value of SAR (measured) = 1.95 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **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):  $f = 835$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 54.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 2.96 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 53.4 V/m; Power Drift = -0.017 dB

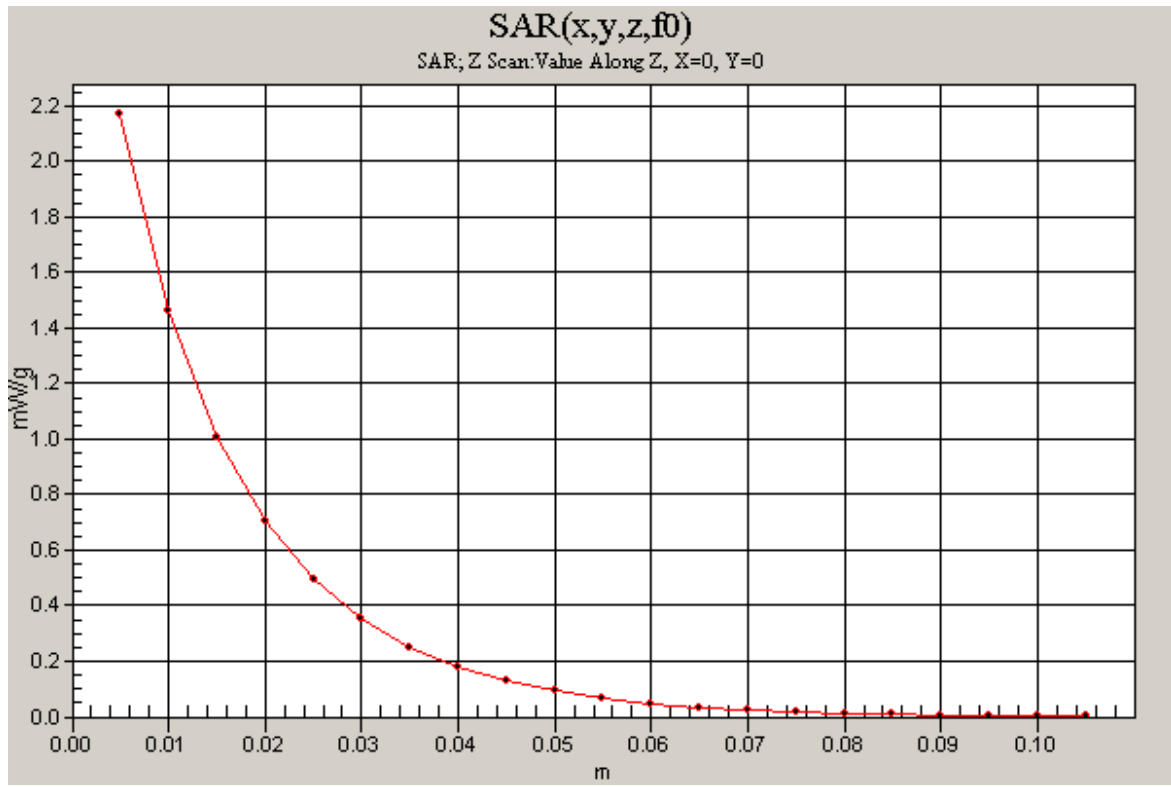
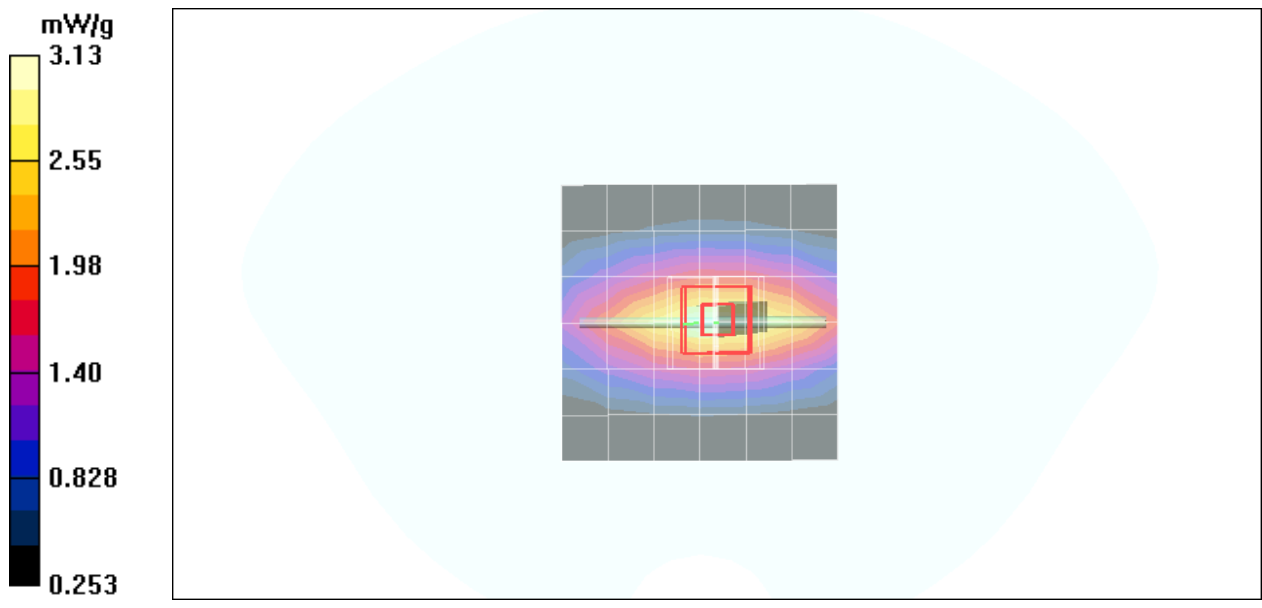
Peak SAR (extrapolated) = 3.67 W/kg

**SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.59 mW/g**

Maximum value of SAR (measured) = 3.03 mW/g

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

Maximum value of SAR (measured) = 2.07 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **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 (interpolated):  $f = 1900$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 8.63 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.3 V/m; Power Drift = -0.044 dB

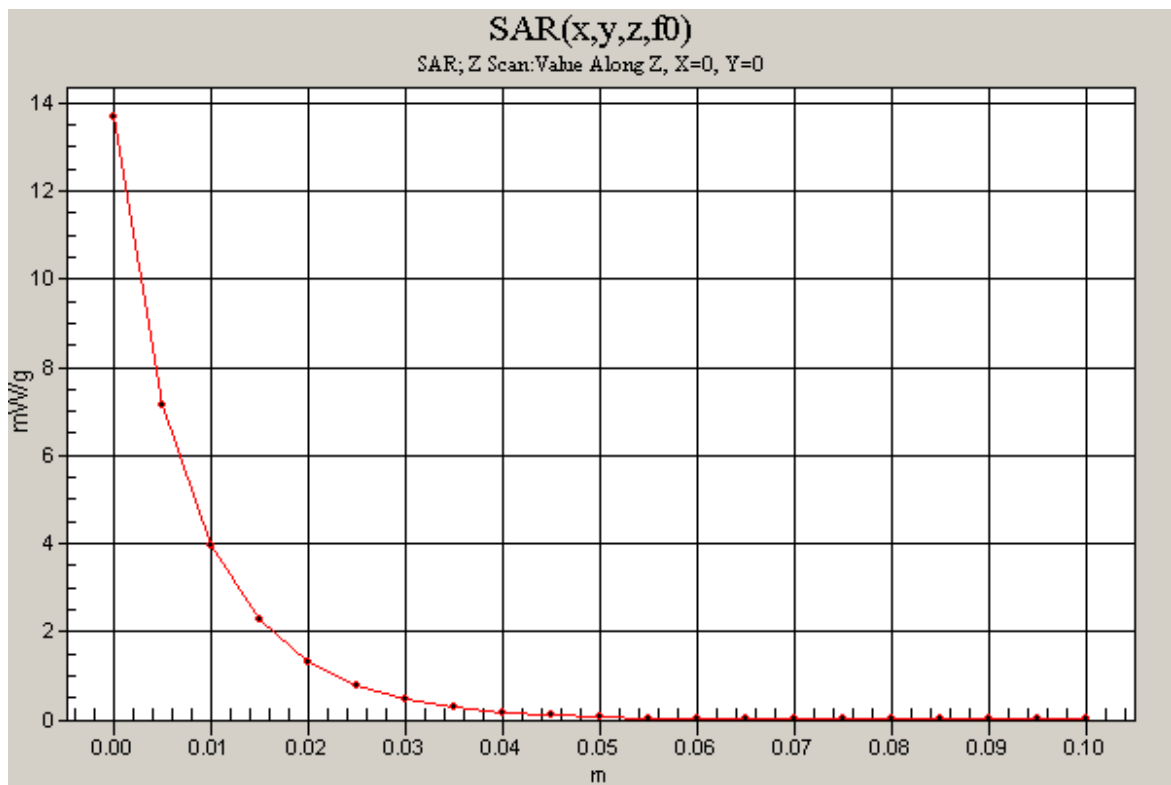
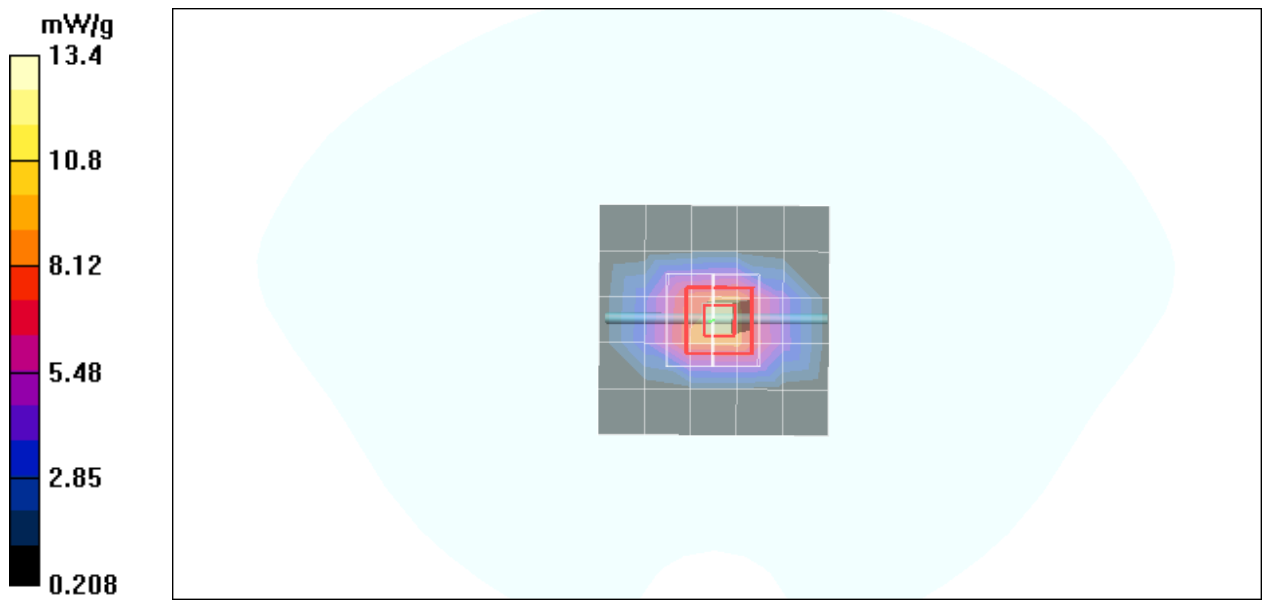
Peak SAR (extrapolated) = 18.1 W/kg

**SAR(1 g) = 9.71 mW/g; SAR(10 g) = 5.06 mW/g**

Maximum value of SAR (measured) = 13.0 mW/g

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

Maximum value of SAR (measured) = 13.7 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;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 9.19 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.3 V/m; Power Drift = -0.015 dB

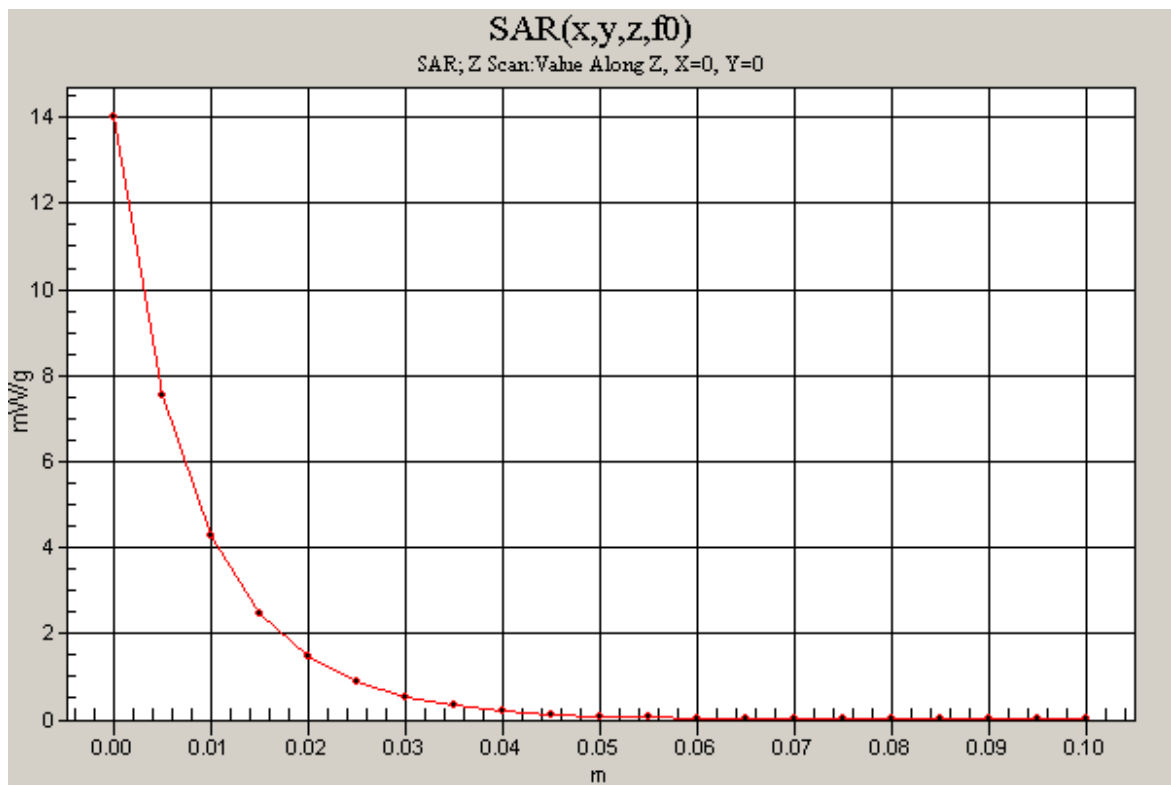
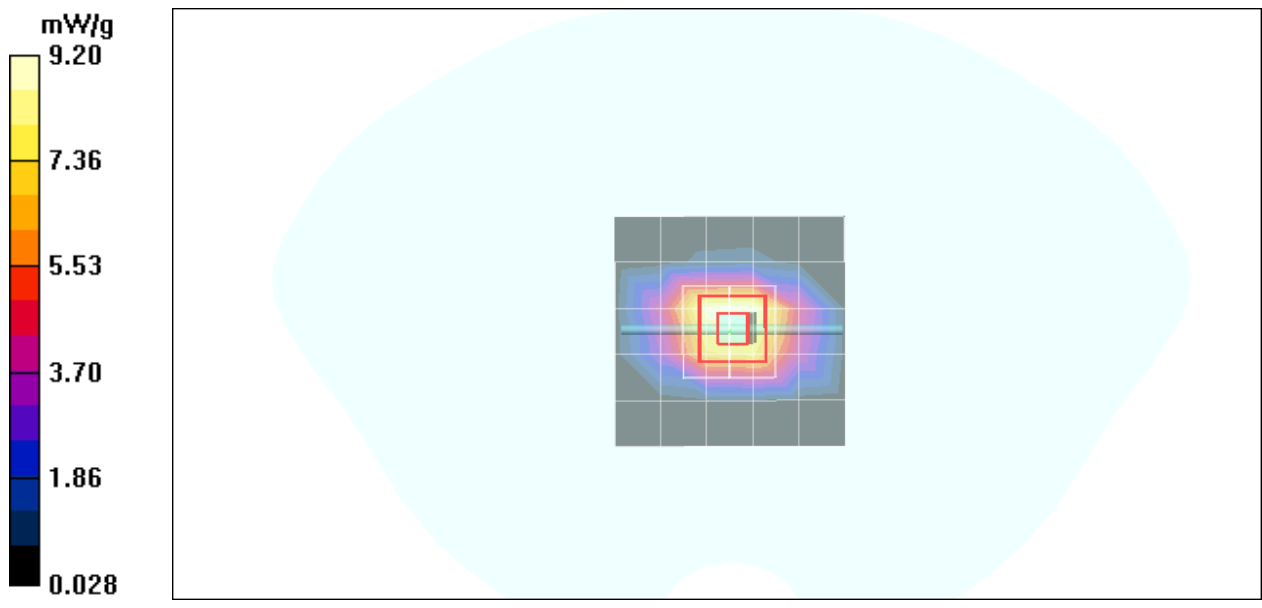
Peak SAR (extrapolated) = 19.3 W/kg

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.31 mW/g**

Maximum value of SAR (measured) = 13.9 mW/g

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

Maximum value of SAR (measured) = 13.9 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **D2450V2 SN-728 Head**

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728**

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 11.4 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.0 V/m; Power Drift = -0.066 dB

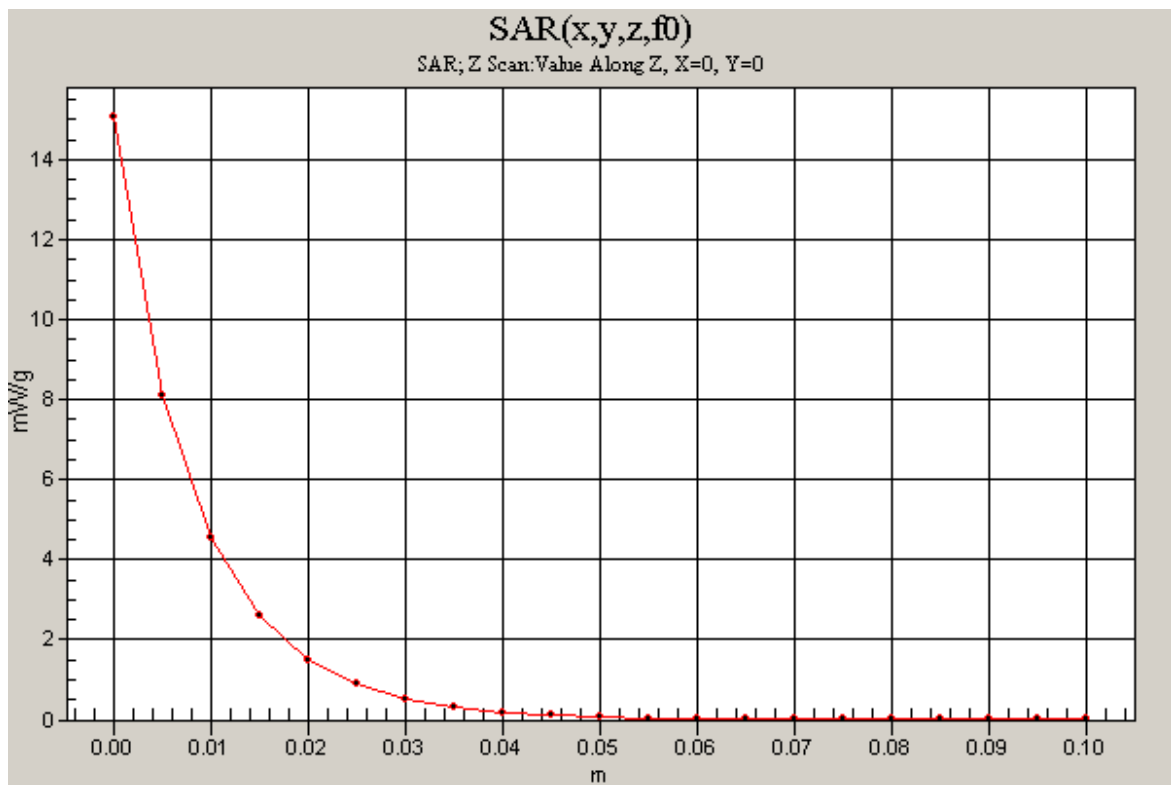
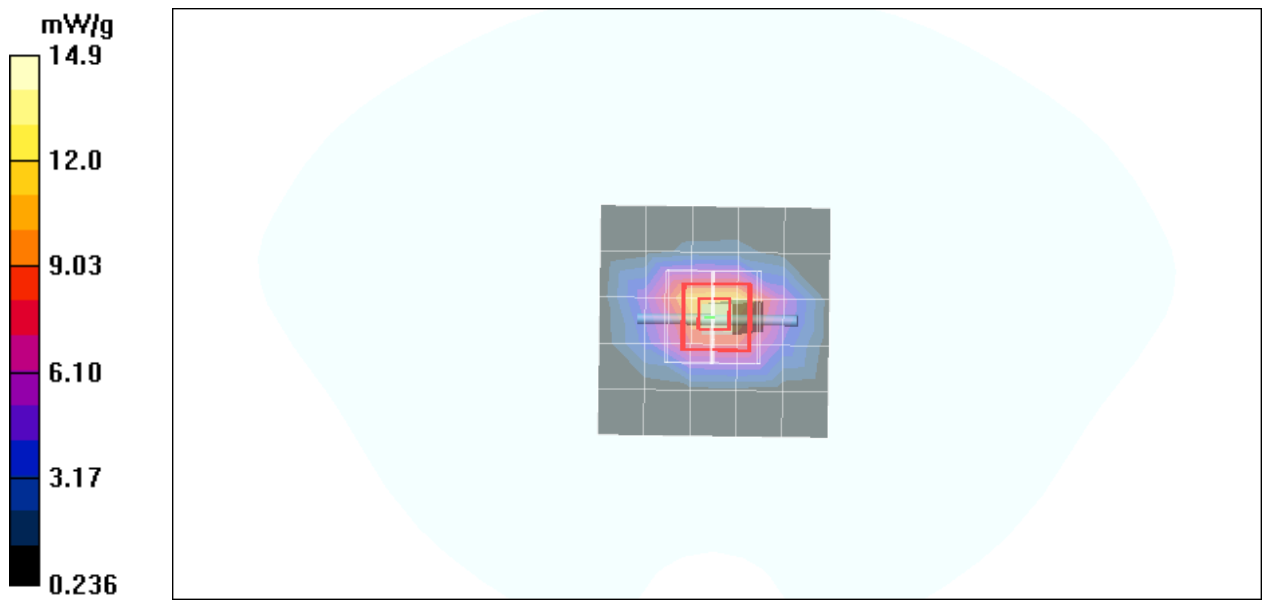
Peak SAR (extrapolated) = 25.2 W/kg

**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.5 mW/g**

Maximum value of SAR (measured) = 14.9 mW/g

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

Maximum value of SAR (measured) = 15.1 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **D2450V2 SN-728 Body**

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728**

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 13.6 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.3 V/m; Power Drift = -0.054 dB

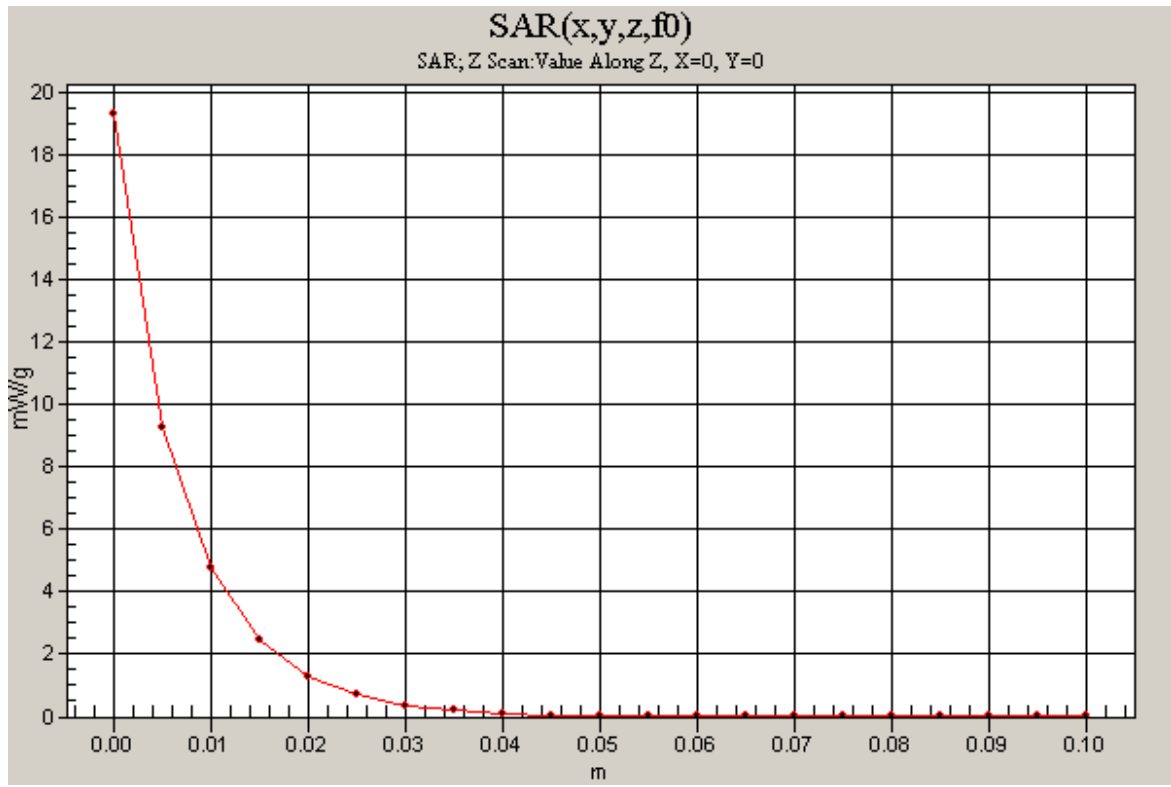
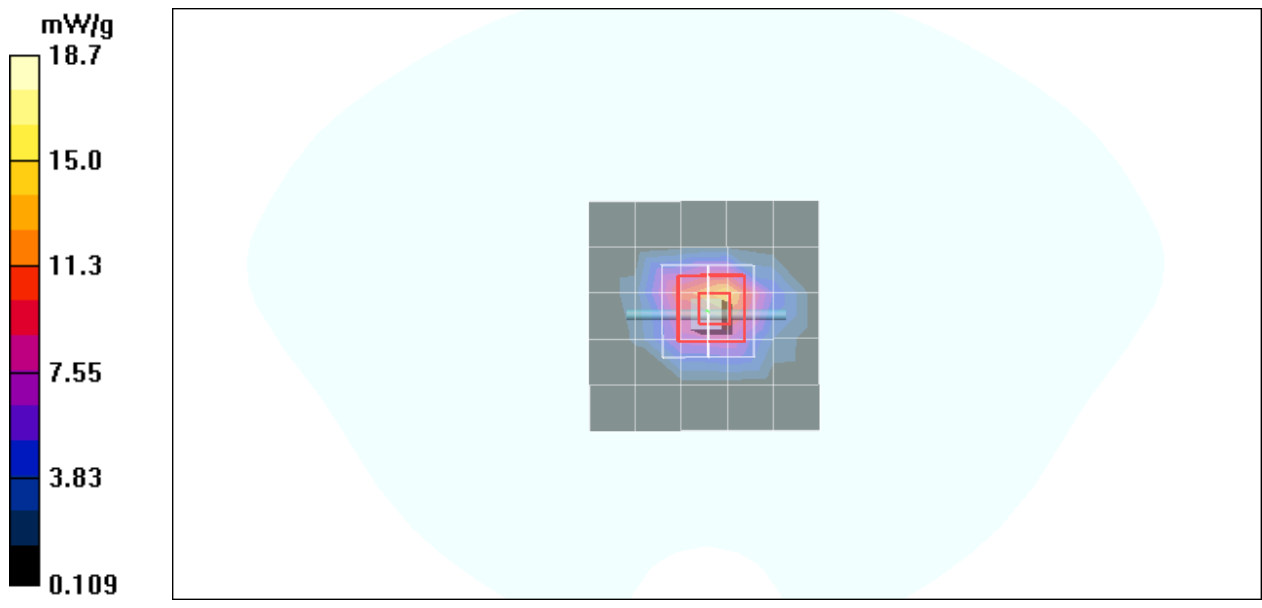
Peak SAR (extrapolated) = 27.1 W/kg

**SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.03 mW/g**

Maximum value of SAR (measured) = 18.1 mW/g

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

Maximum value of SAR (measured) = 19.0 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek Middle CH190/Area Scan (6x9x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.322 mW/g

**Left Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:** Measurement

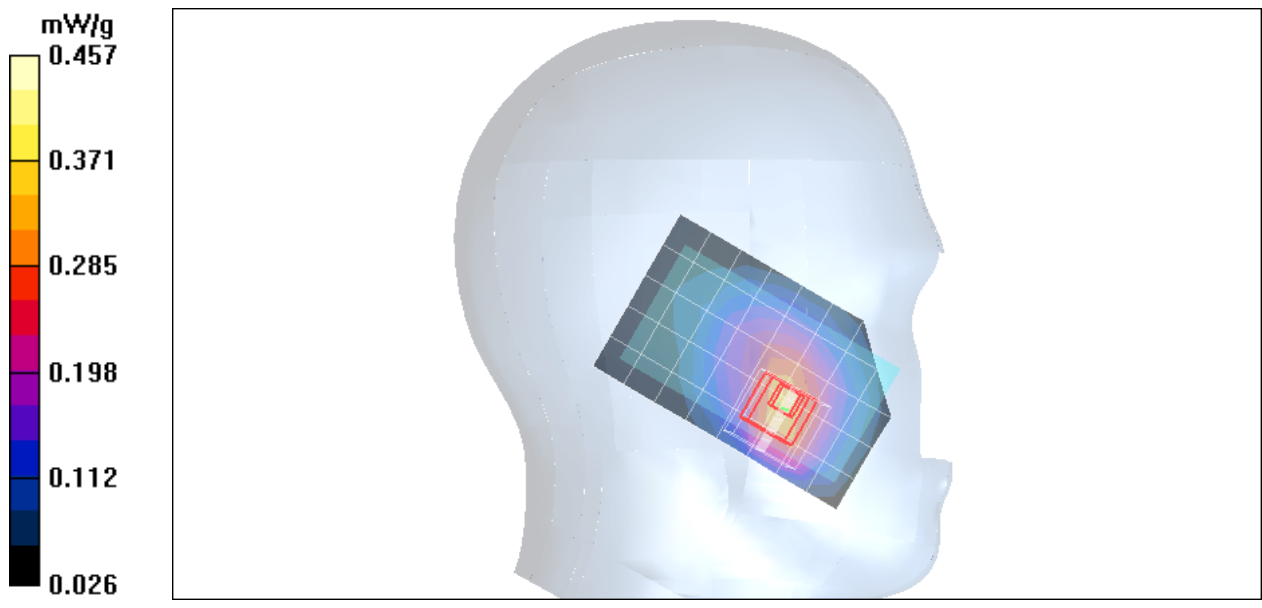
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 7.53 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.187 mW/g**

Maximum value of SAR (measured) = 0.317 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilted Middle CH190/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.184 mW/g

**Left Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.3 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.158 mW/g

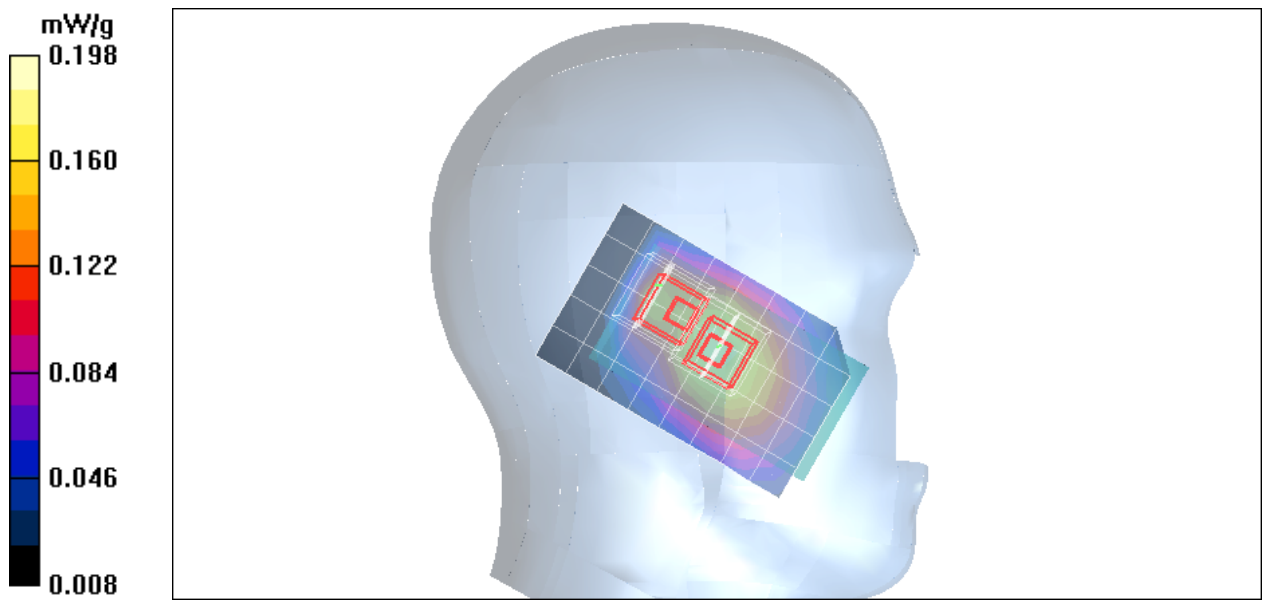
**Left Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.3 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.213 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.189 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek Middle CH190/Area Scan (6x9x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.292 mW/g

**Right Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:** Measurement

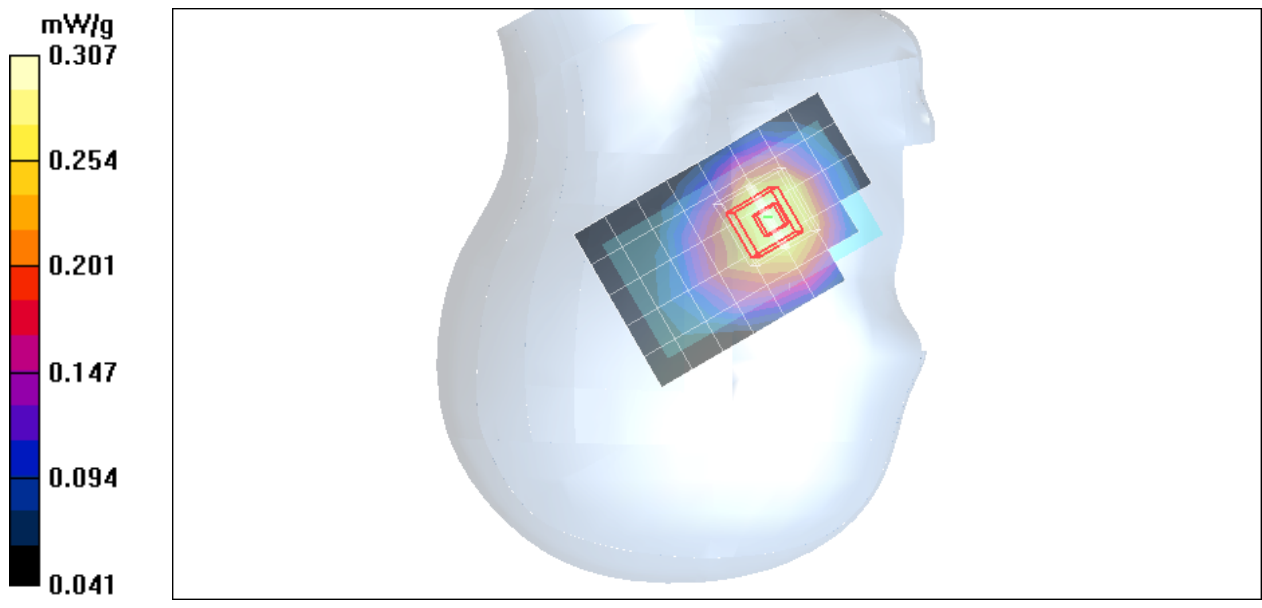
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 7.49 V/m; Power Drift = -0.135 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.199 mW/g**

Maximum value of SAR (measured) = 0.307 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head PB74100 LCDII+CAMERAI+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek Middle CH190/Area Scan (6x9x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.294 mW/g

**Right Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:** Measurement

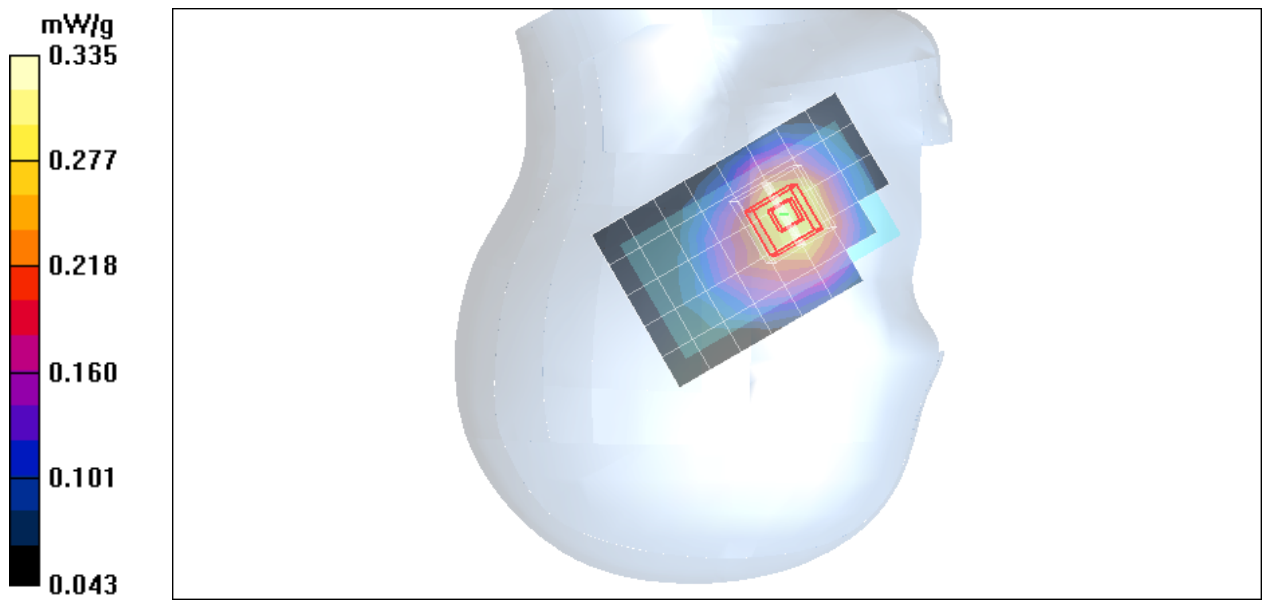
grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.42 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.908$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilted Middle CH190/Area Scan (6x9x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.175 mW/g

**Right Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0:** Measurement

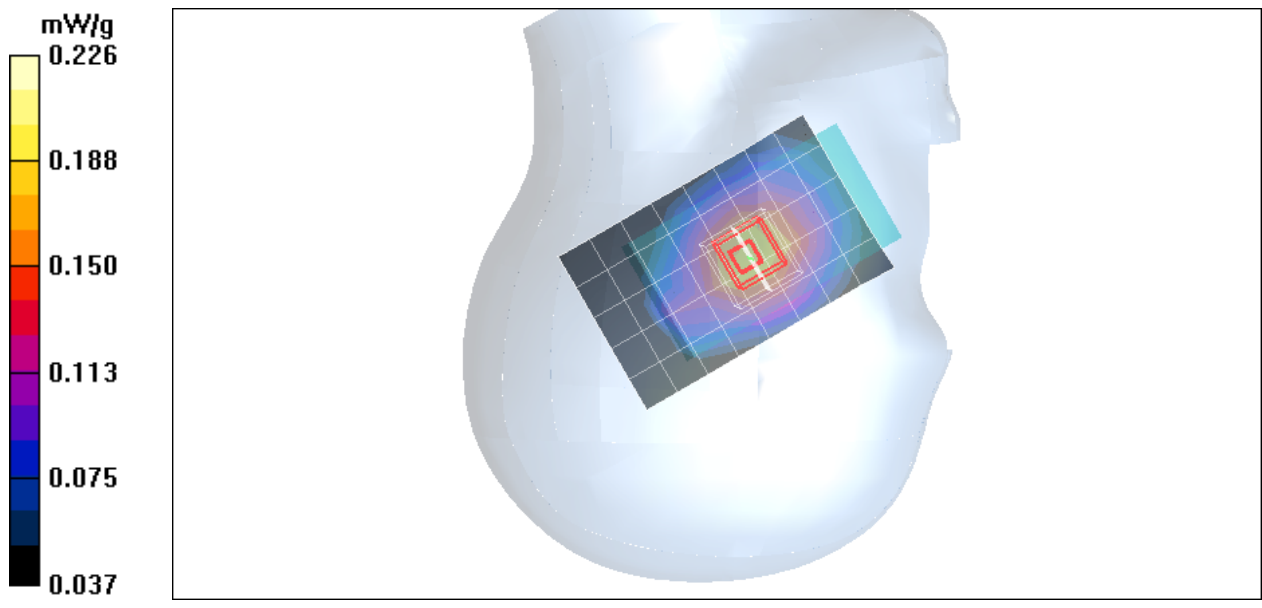
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 11.9 V/m; Power Drift = -0.060 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.186 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek Low CH512/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.50 mW/g

**Left Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=3mm

Reference Value = 11.7 V/m; Power Drift = -0.049 dB

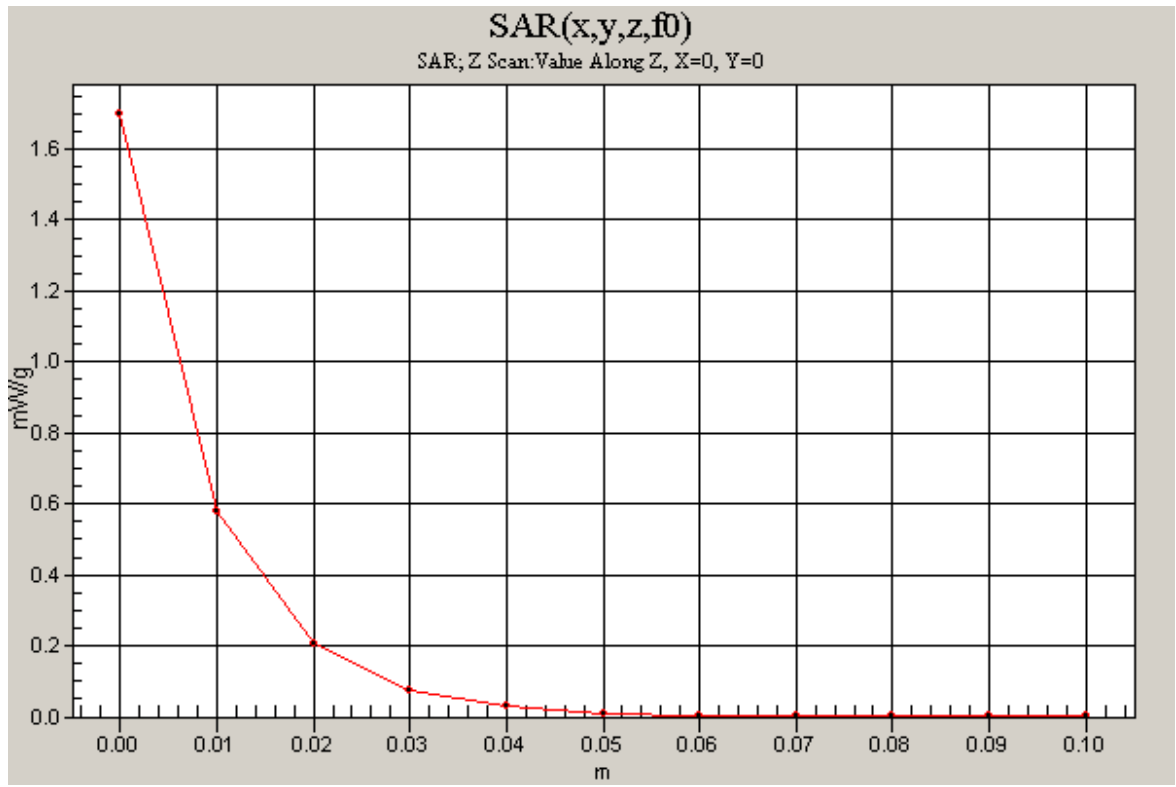
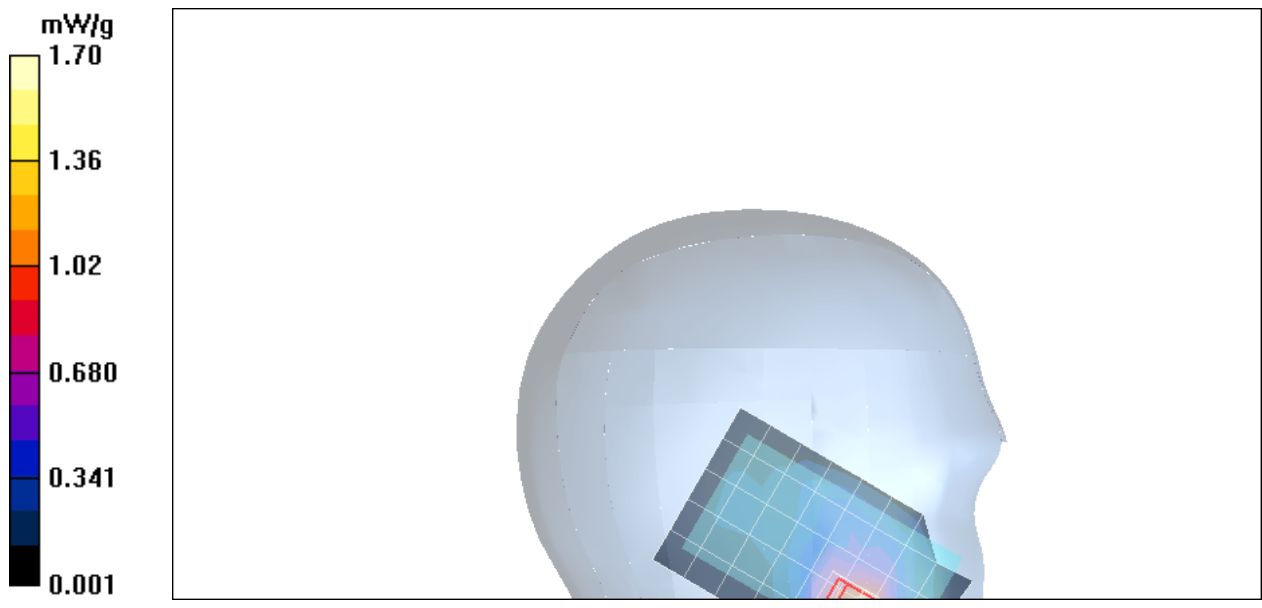
Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 1.270 mW/g; SAR(10 g) = 0.689 mW/g**

Maximum value of SAR (measured) = 1.68 mW/g

**Left Cheek Low CH512/Z Scan (1x1x11):** Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 1.70 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Left Head PB74100 LCDII+CAMERAI+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.31$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek Low CH512/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.51 mW/g

**Left Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

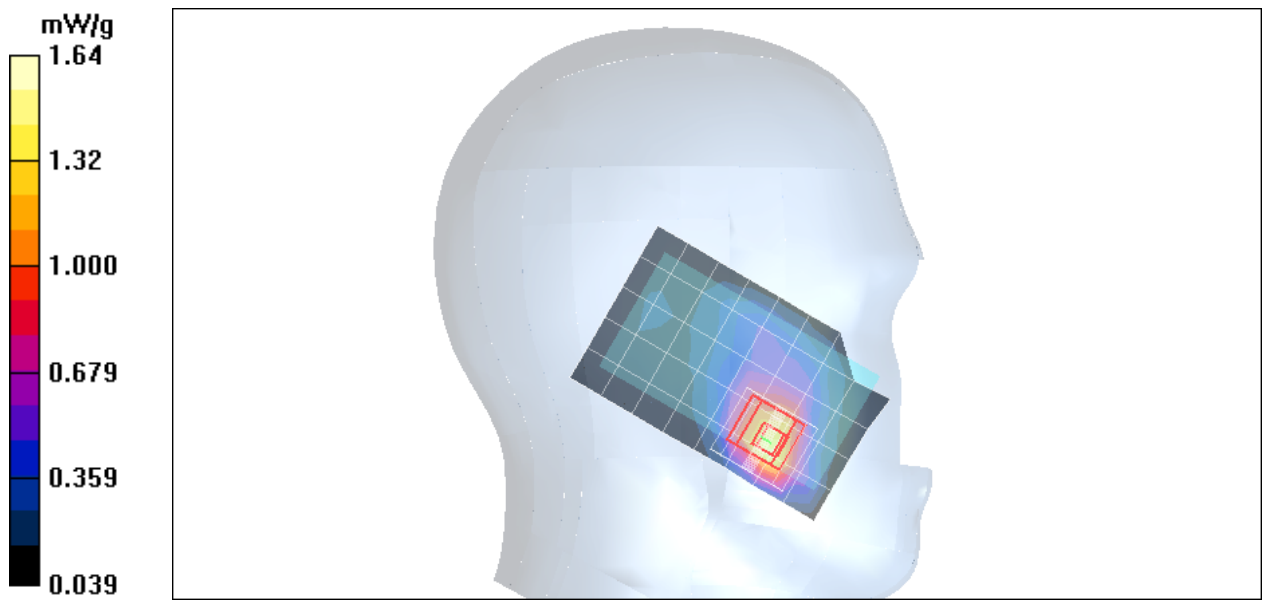
dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.7 V/m; Power Drift = -0.000 dB

Peak SAR (extrapolated) = 2.19 W/kg

**SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.679 mW/g**

Maximum value of SAR (measured) = 1.64 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **Left Cheek Middle CH661/Area Scan (6x9x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

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

### **Left Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0:** Measurement

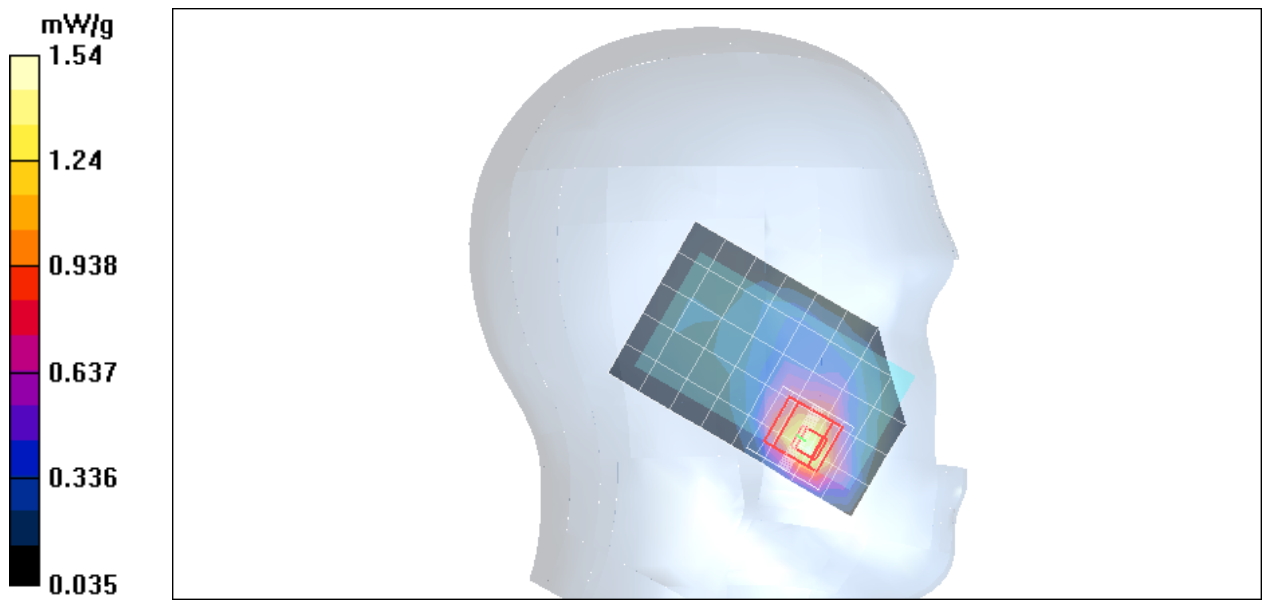
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 11.3 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 2.06 W/kg

**SAR(1 g) = 1.170 mW/g; SAR(10 g) = 0.634 mW/g**

Maximum value of SAR (measured) = 1.54 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 1.04 mW/g

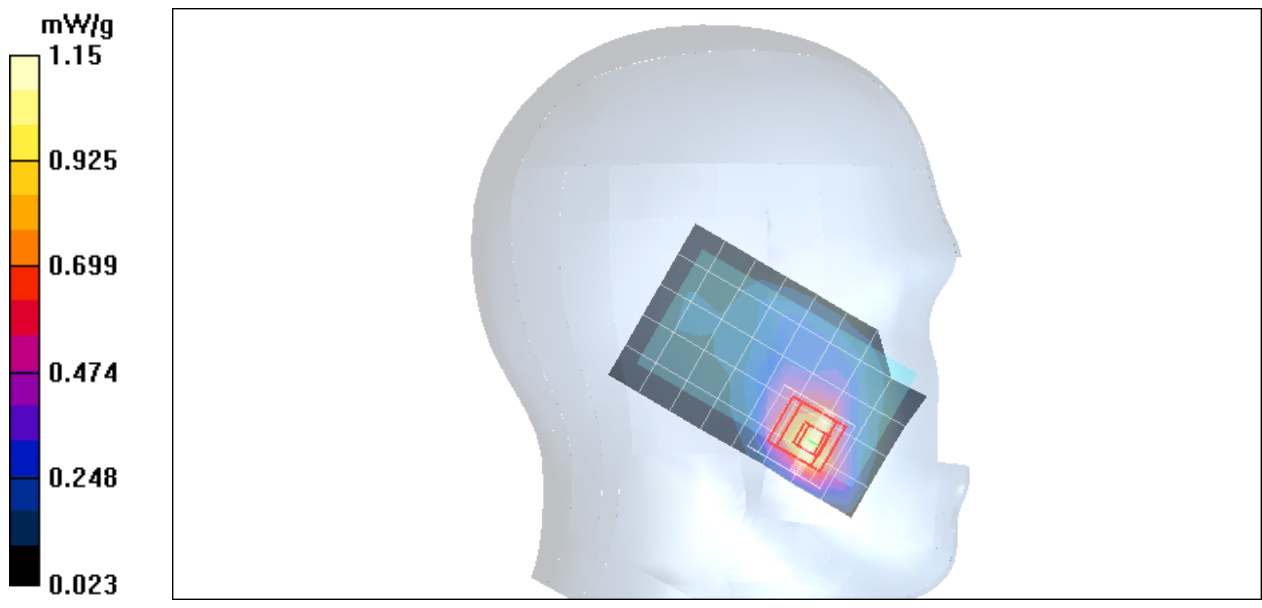
**Left Cheek High CH810/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.72 V/m; Power Drift = -0.097 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.471 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilted Middle CH661/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

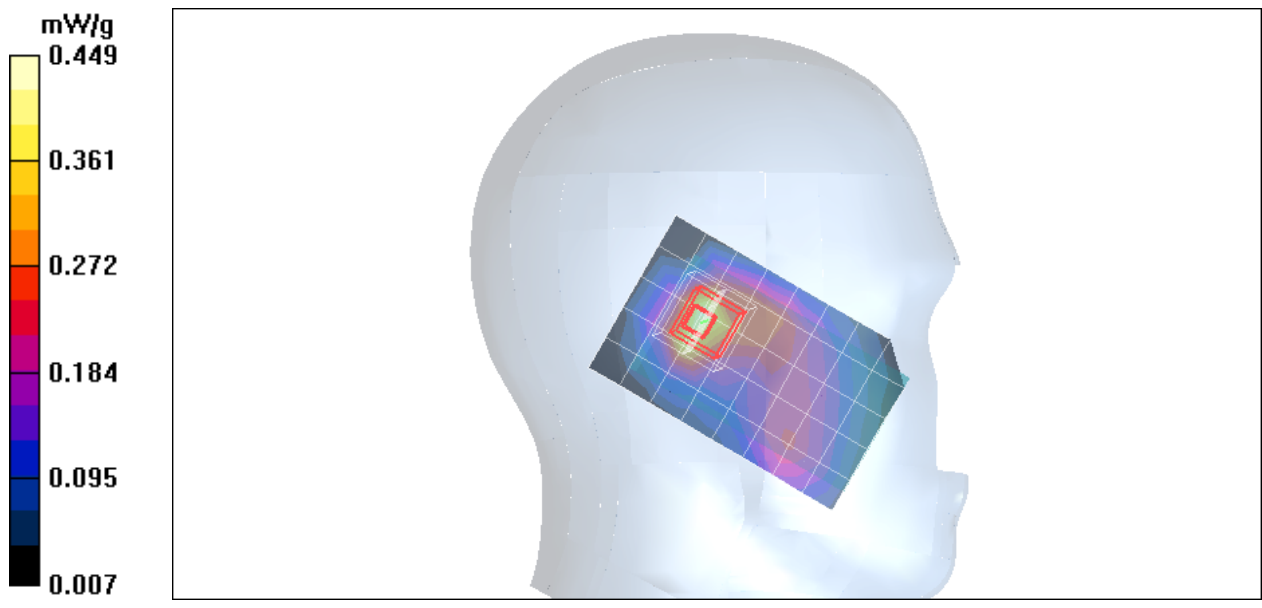
**Left Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.213 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Right Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek Middle CH661/Area Scan (6x9x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.878 mW/g

**Right Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0:** Measurement

grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 11.7 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.489 mW/g**

Maximum value of SAR (measured) = 0.913 mW/g

**Right Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 1:** Measurement

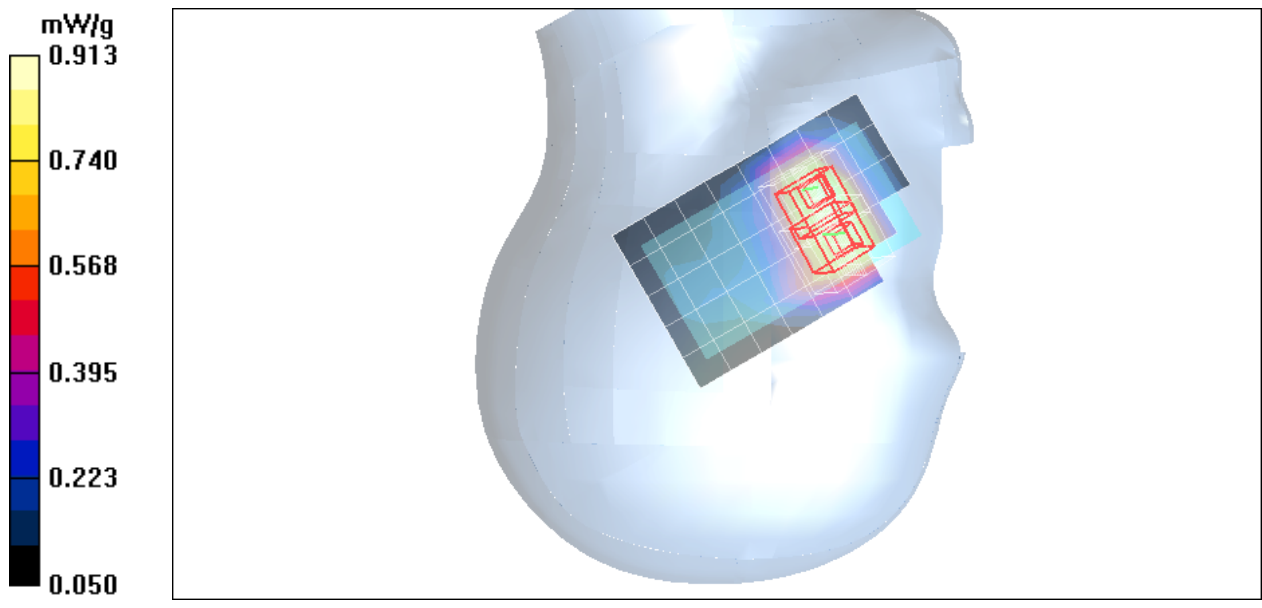
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 11.7 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.463 mW/g**

Maximum value of SAR (measured) = 0.913 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Right Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilted Middle CH661/Area Scan (6x9x1):** Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.326 mW/g

**Right Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0:** Measurement

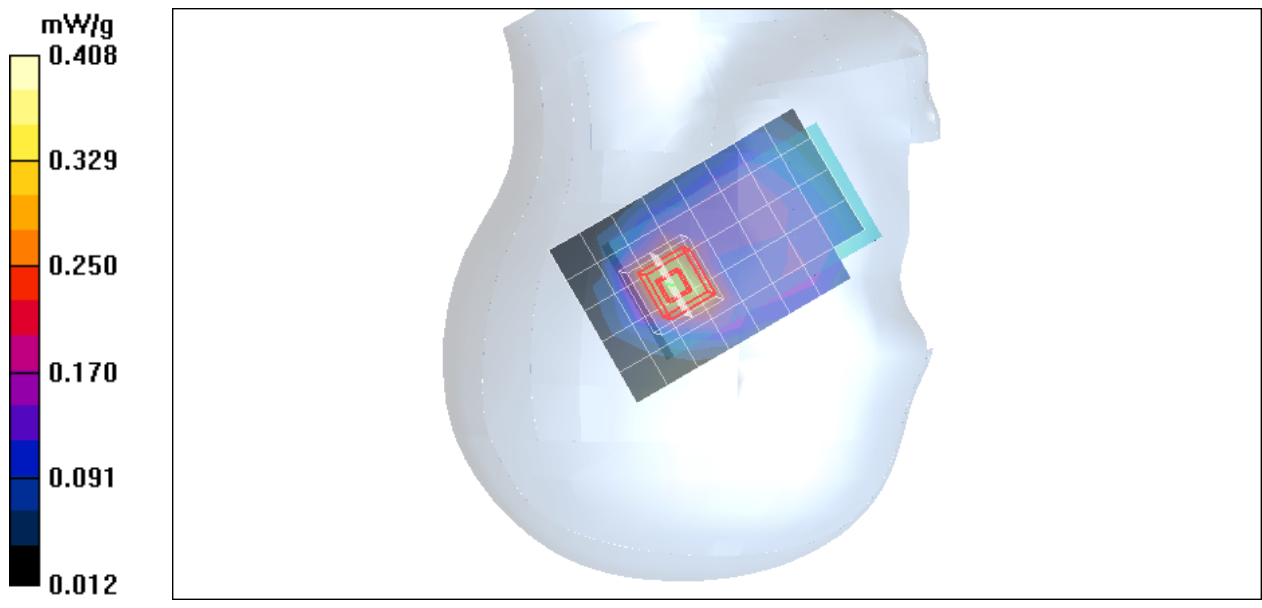
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 15.6 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.518 W/kg

**SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.188 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835-Body PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **GSM Body Face Up Middle CH190/Area Scan (6x10x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.111 mW/g

### **GSM Body Face Up Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

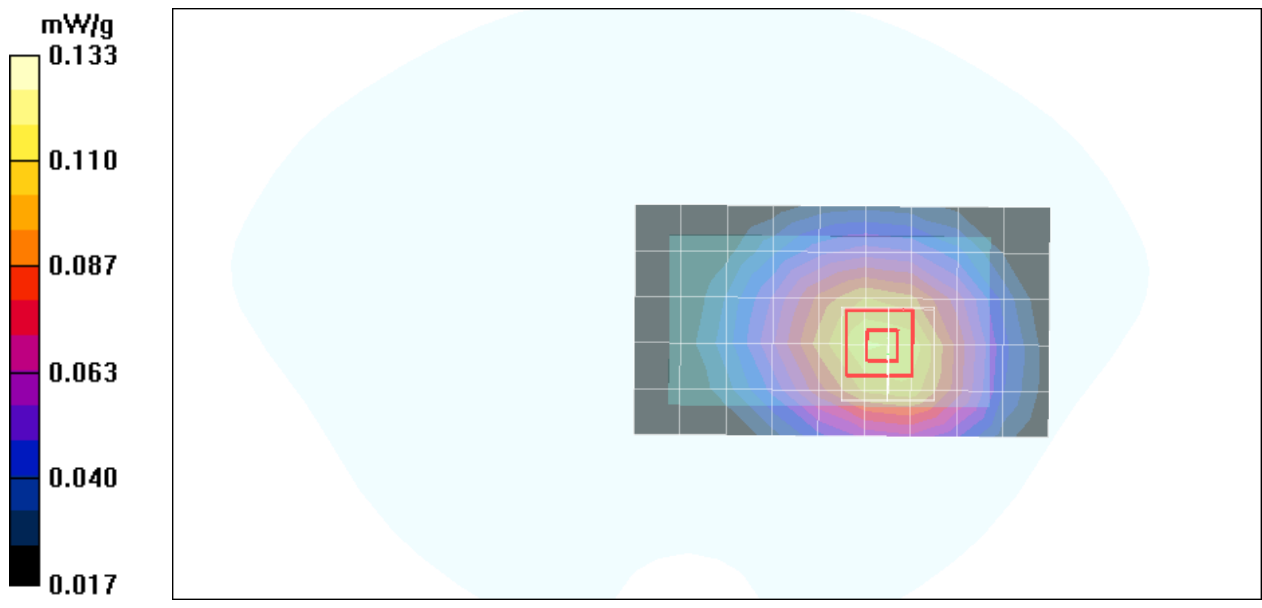
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.46 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.072 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835-Body PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GSM Body Face Down Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.195 mW/g

## **GSM Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

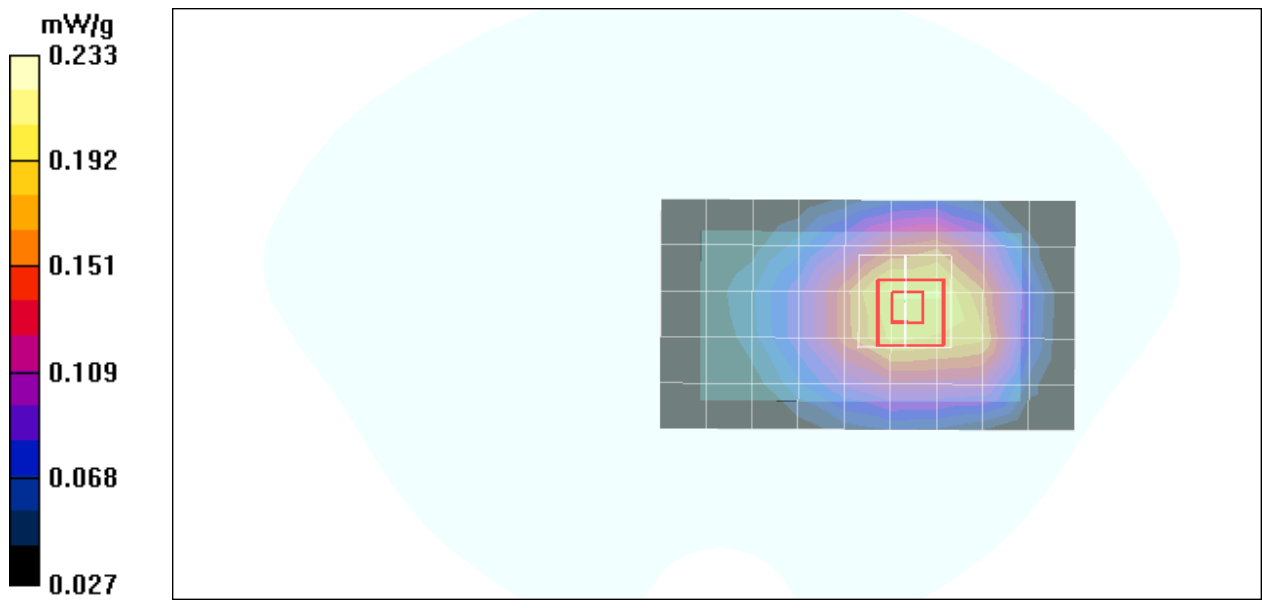
**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 6.16 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.203 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM 835-Body PB74100 LCDII+CAMERAII+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **GSM Body Face Down Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.161 mW/g

### **GSM Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.54 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.191 W/kg

**SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (measured) = 0.164 mW/g

### **GSM Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

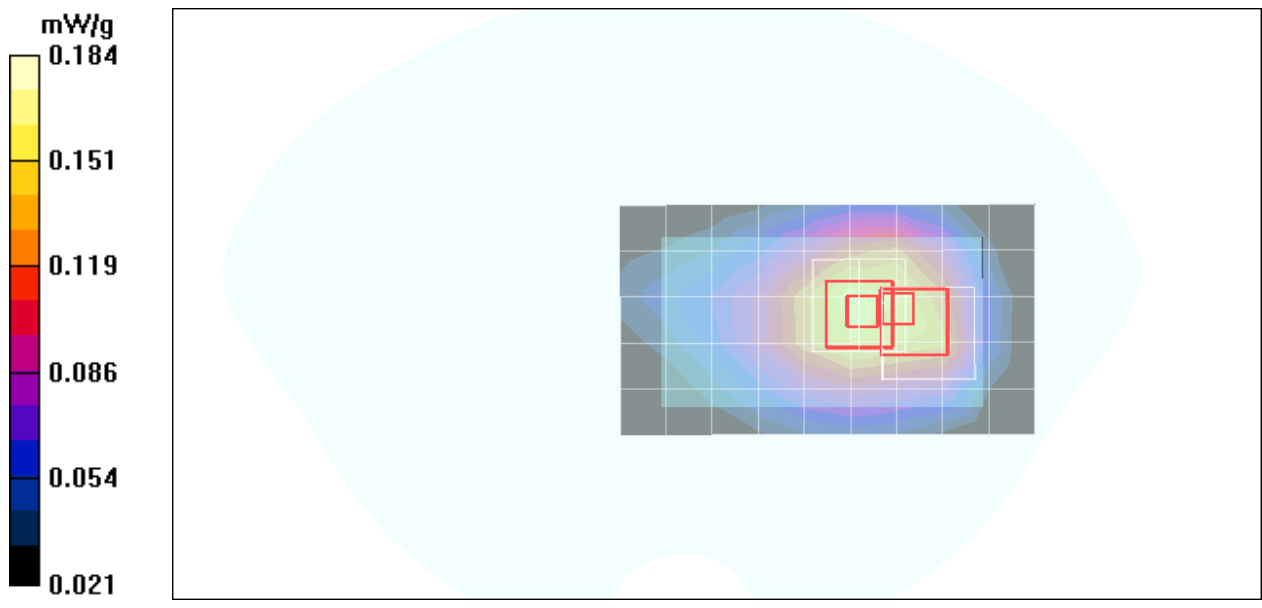
**1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.54 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GPRS Body Face Up Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.281 mW/g

## **GPRS Body Face Up Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

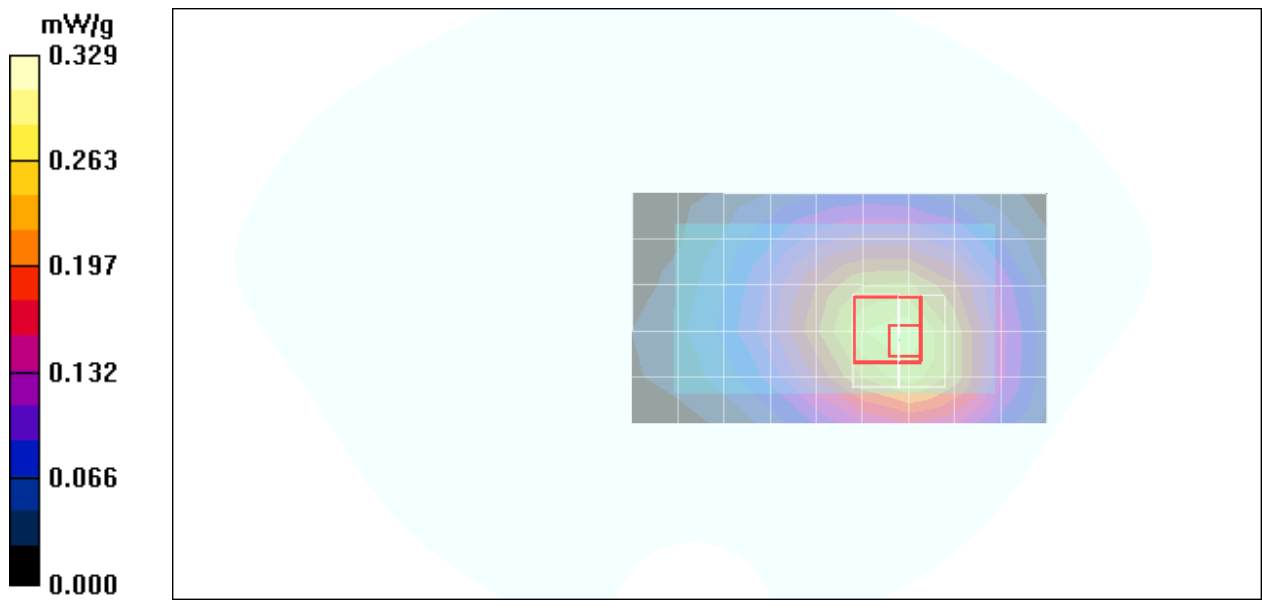
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 6.91 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.177 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GPRS Body Face Down Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.609 mW/g

## **GPRS Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.1 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.750 W/kg

**SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.401 mW/g**

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

## **GPRS Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

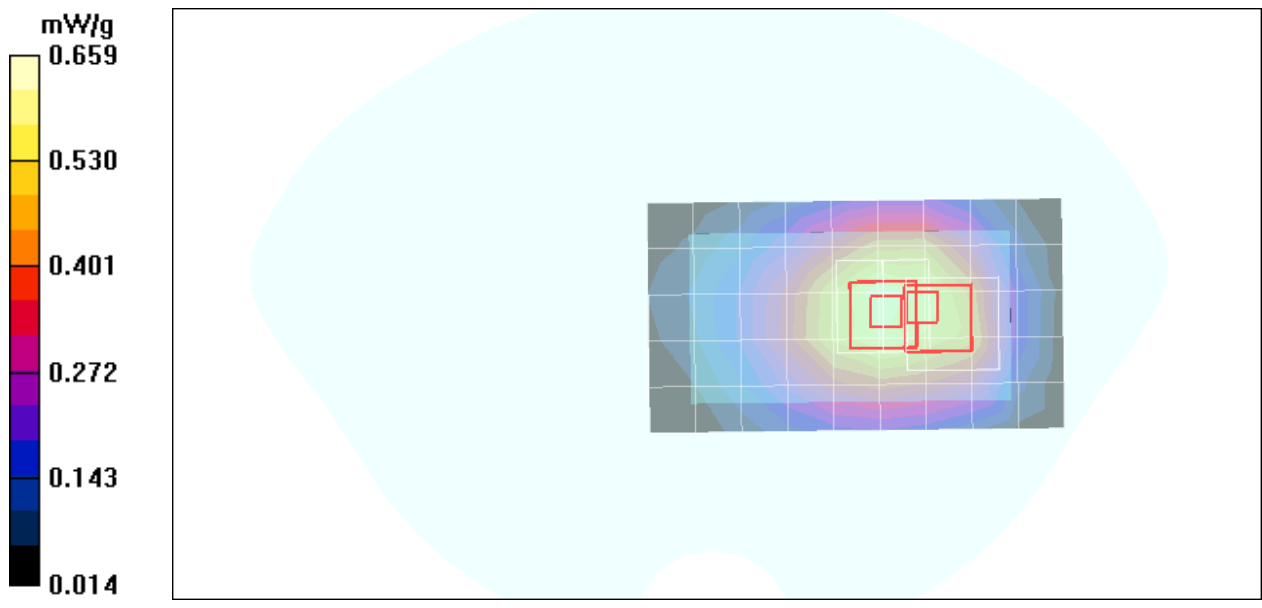
**1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.1 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.321 mW/g**

Maximum value of SAR (measured) = 0.589 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PB74100 class 12 LCDII+CAMERAII+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **GPRS Body Face Down Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.605 mW/g

### **GPRS Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.1 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.362 mW/g**

Maximum value of SAR (measured) = 0.605 mW/g

### **GPRS Body Face Down Middle CH190/Zoom Scan (7x7x9)/Cube**

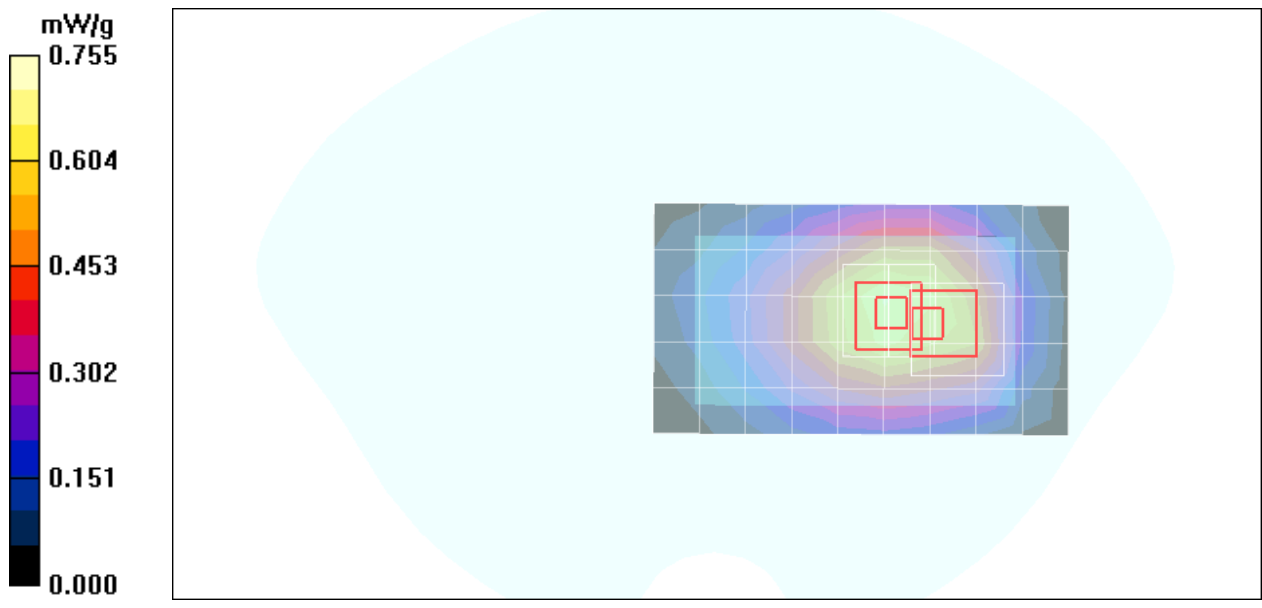
**1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.1 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.600 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **EGPRS Body Face Up Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.103 mW/g

## **EGPRS Body Face Up Middle CH190/Zoom Scan (7x7x9)/Cube**

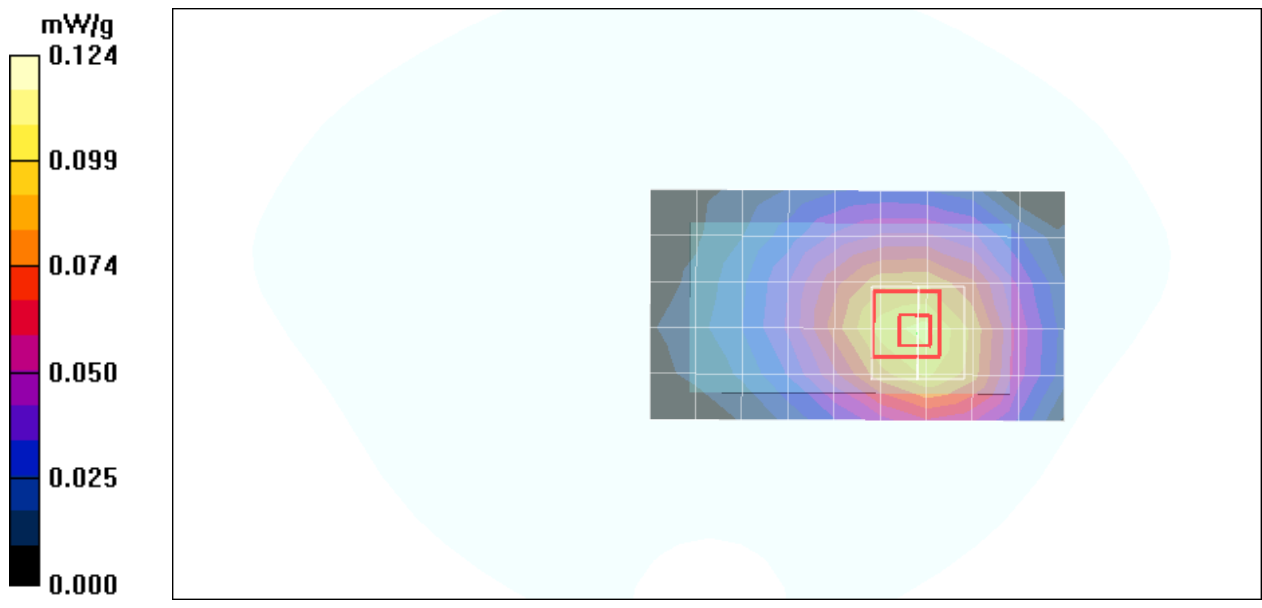
**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.11 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.121 W/kg

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **EGPRS Body Face Down Middle CH190/Area Scan (6x10x1):**

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

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

## **EGPRS Body Face Down Middle CH190/Zoom Scan**

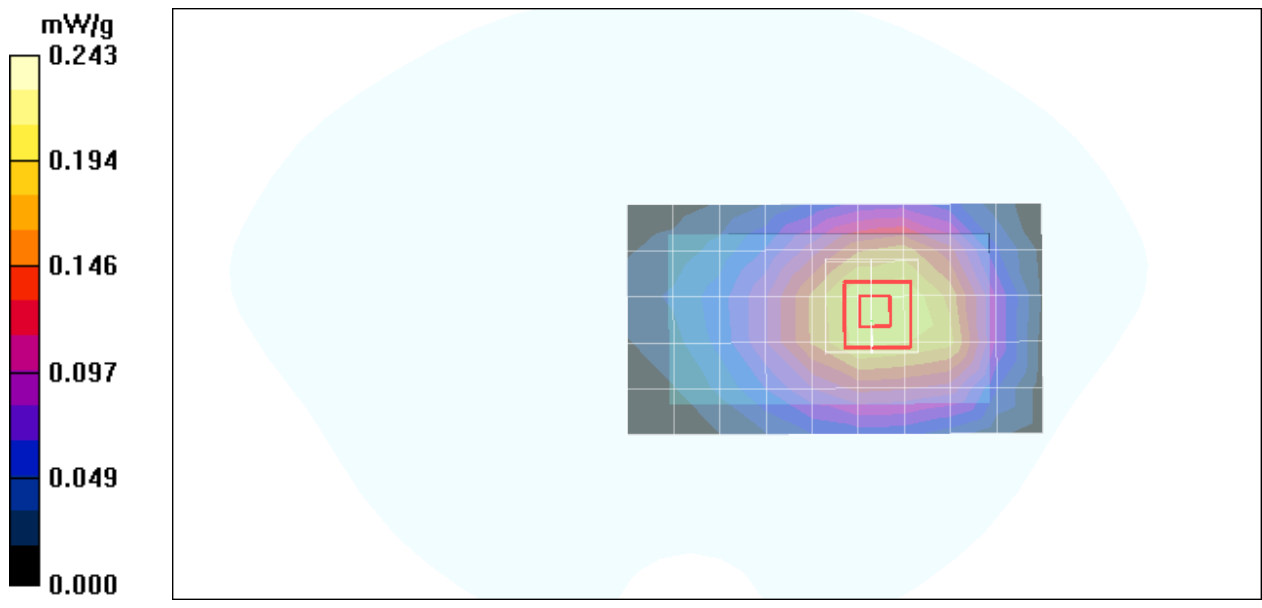
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.67 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.288 W/kg

**SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.144 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PB74100 class 12 LCDII+CAMERAII+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 54.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **EGPRS Body Face Down Middle CH190/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.193 mW/g

### **EGPRS Body Face Down Middle CH190/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 6.61 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.247 W/kg

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.201 mW/g

### **EGPRS Body Face Down Middle CH190/Zoom Scan**

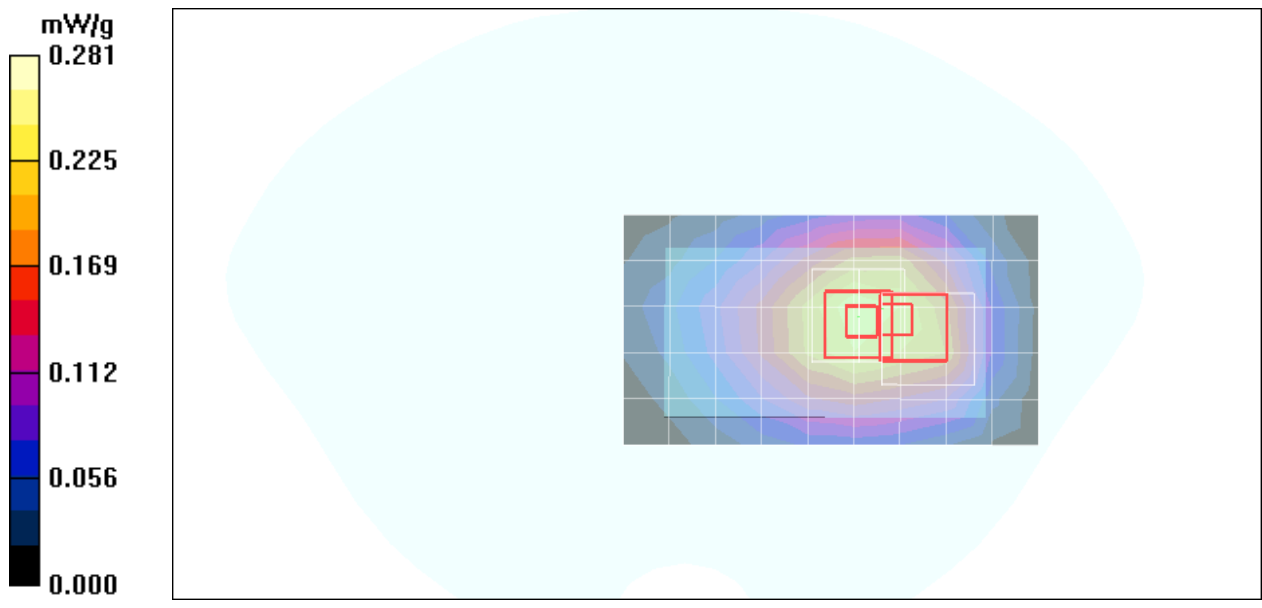
**(7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 6.61 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.230 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Body PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 0.301 mW/g

**GSM Body Face Up Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 10.6 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.427 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 0.327 mW/g

**GSM Body Face Up Middle CH661/Zoom Scan (7x7x9)/Cube 1:**

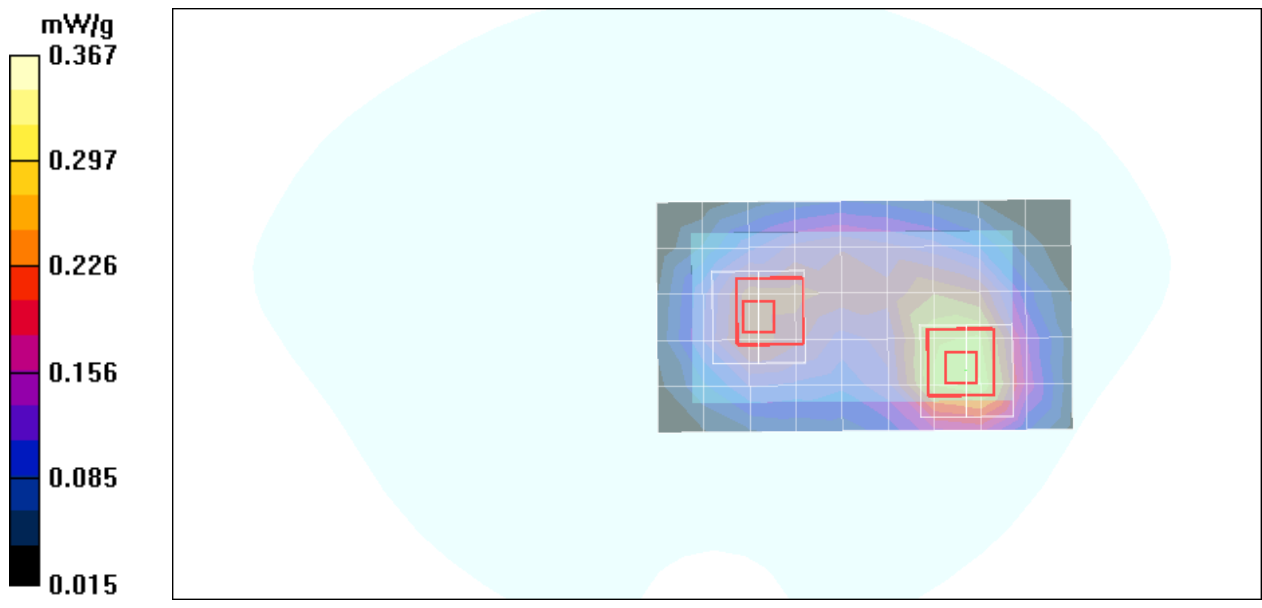
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 10.6 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.291 W/kg

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.122 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Body PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GSM Body Face Down Middle CH661/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.444 mW/g

## **GSM Body Face Down Middle CH661/Zoom Scan (7x7x9)/Cube**

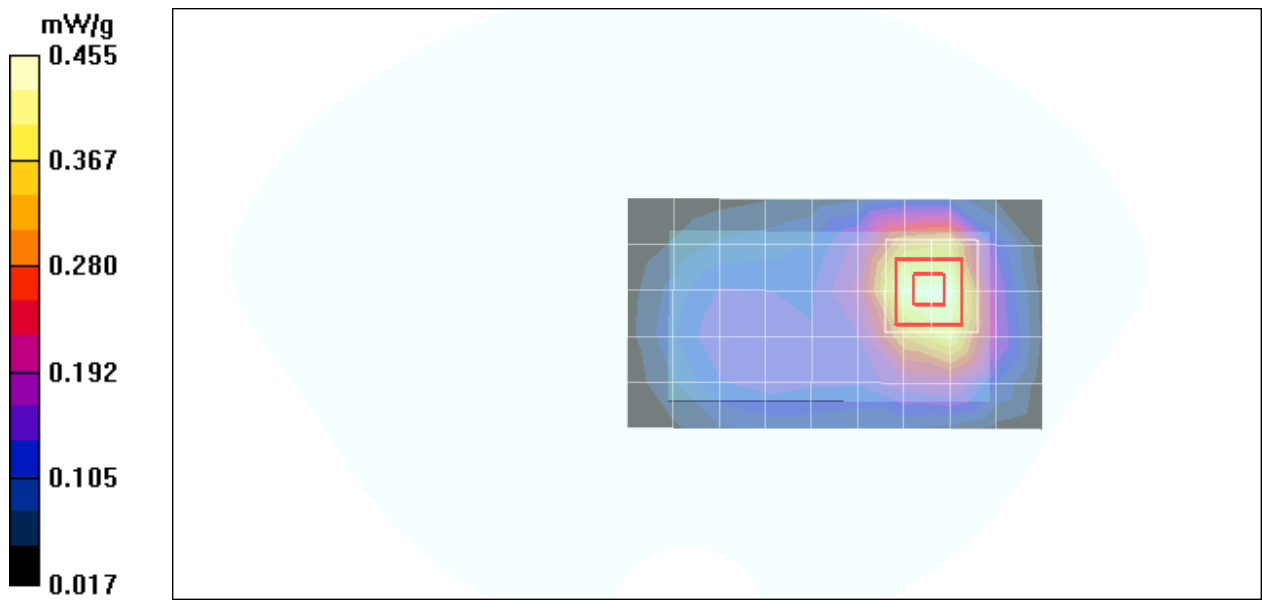
**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.25 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.671 W/kg

**SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.225 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GSM1900 -Body PB74100 LCDII+CAMERAI+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GSM Body Face Down Middle CH661/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.421 mW/g

## **GSM Body Face Down Middle CH661/Zoom Scan (7x7x9)/Cube**

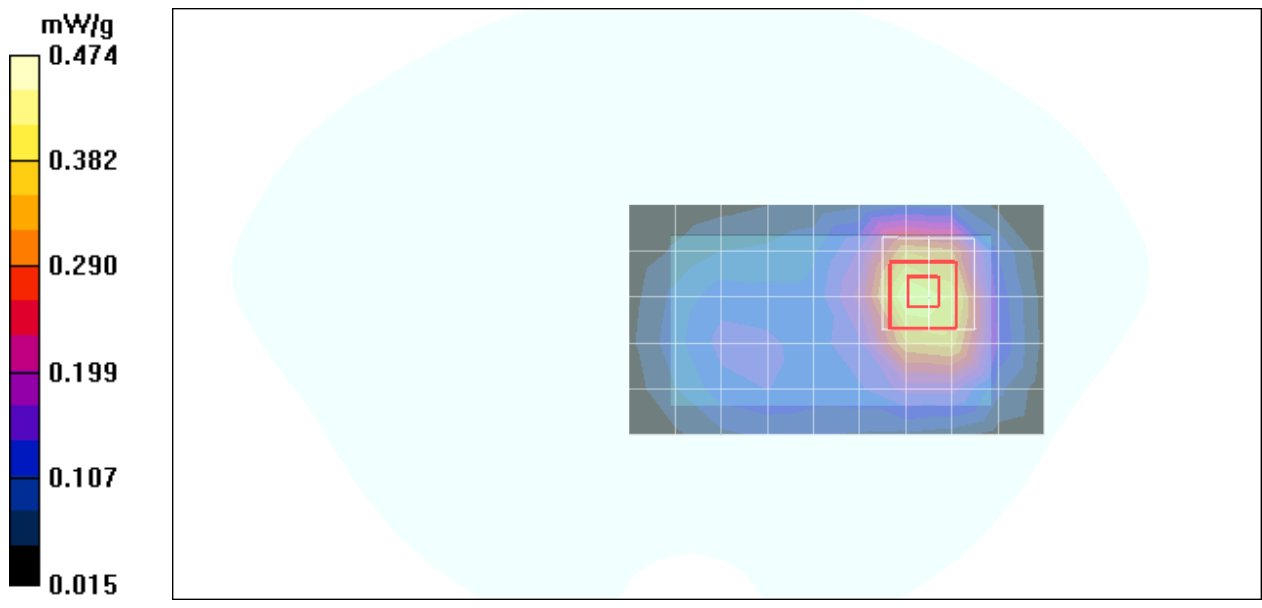
**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.94 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.630 W/kg

**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 0.474 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900 -Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **GPRS Body Face Up Middle CH661/Area Scan (6x10x1):**

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

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

### **GPRS Body Face Up Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 17.0 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.691 mW/g; SAR(10 g) = 0.410 mW/g**

Maximum value of SAR (measured) = 0.882 mW/g

### **GPRS Body Face Up Middle CH661/Zoom Scan (7x7x9)/Cube 1:**

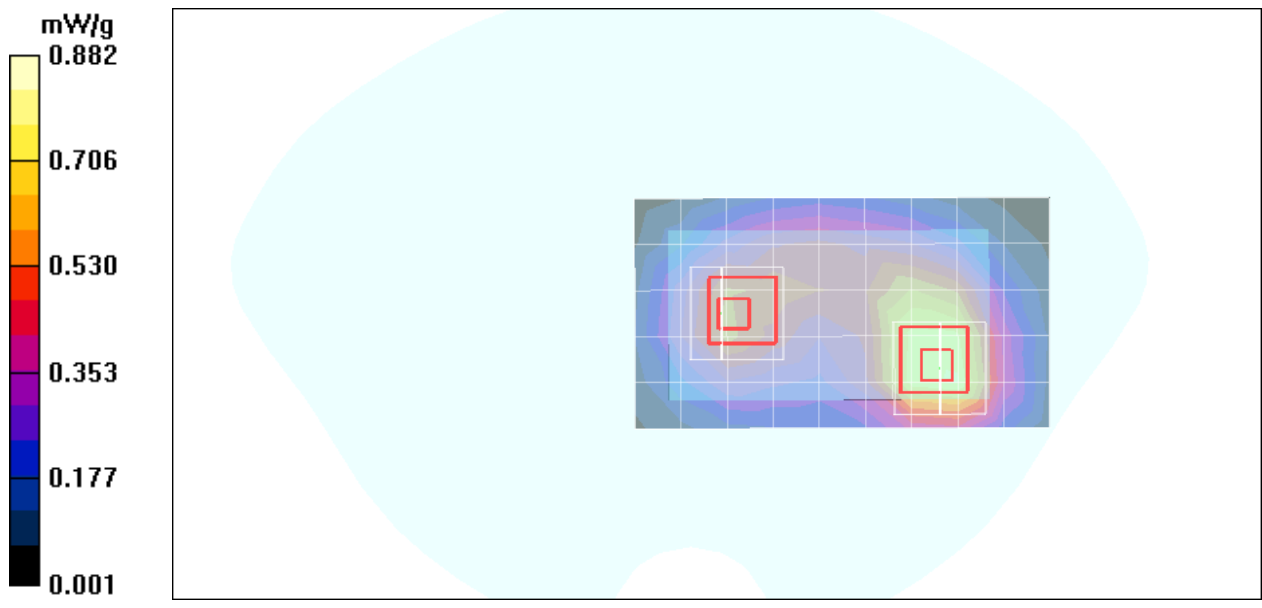
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 17.0 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.740 W/kg

**SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.297 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900 -Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GPRS Body Face Down Low CH512/Area Scan (6x10x1):**

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

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

## **GPRS Body Face Down Low CH512/Zoom Scan (7x7x9)/Cube 0:**

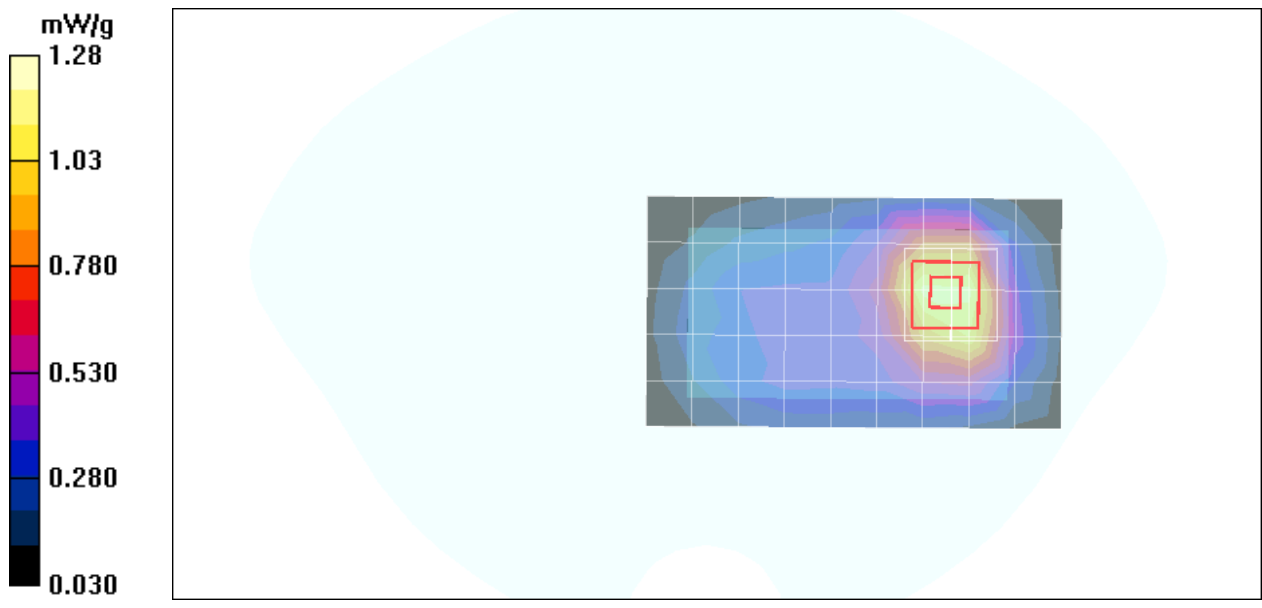
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 15.1 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.994 mW/g; SAR(10 g) = 0.578 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900 -Body PB74100 class 12 LCDII+CAMERAII+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **GPRS Body Face Down Low CH512/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 1.11 mW/g

### **GPRS Body Face Down Low CH512/Zoom Scan (7x7x9)/Cube 0:**

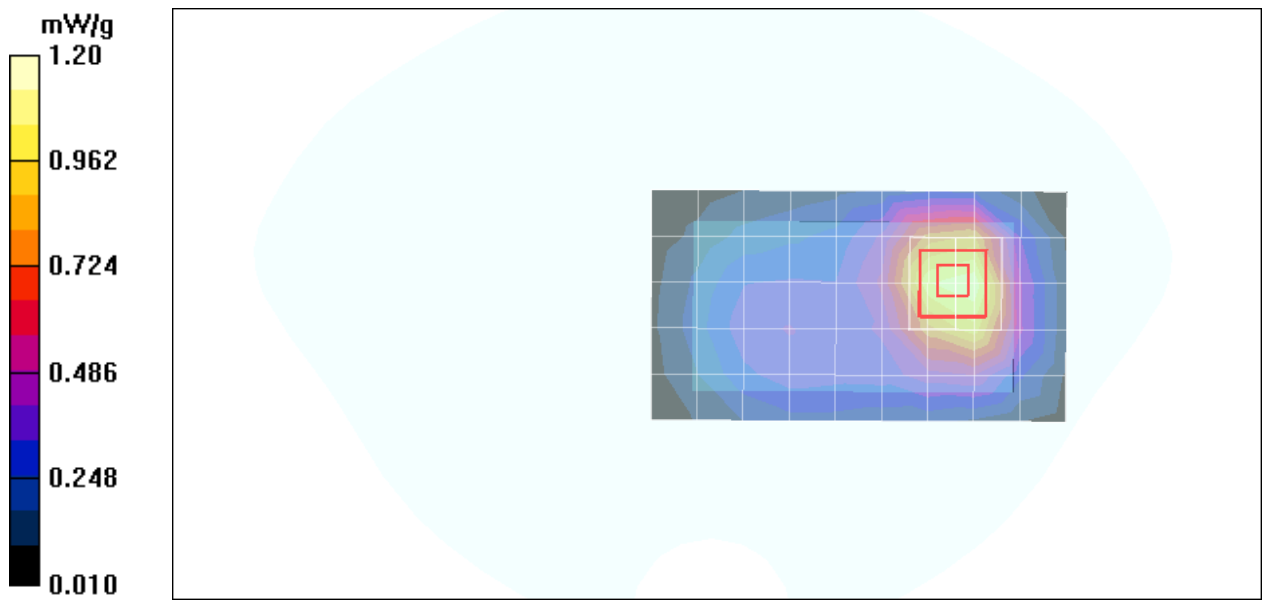
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.9 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.937 mW/g; SAR(10 g) = 0.546 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900 -Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GPRS Body Face Down Middle CH661/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 1.13 mW/g

## **GPRS Body Face Down Middle CH661/Zoom Scan (7x7x9)/Cube**

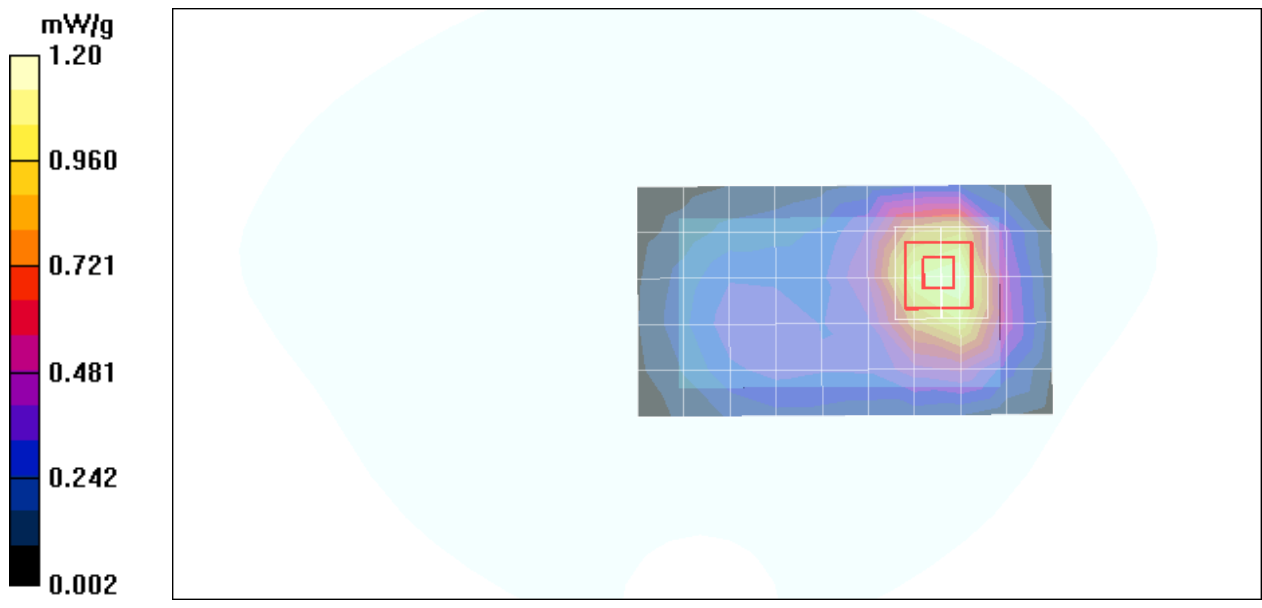
**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.1 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.541 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS1900 -Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1909.8$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **GPRS Body Face Down Middle CH810/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.935 mW/g

## **GPRS Body Face Down Middle CH810/Zoom Scan (7x7x9)/Cube**

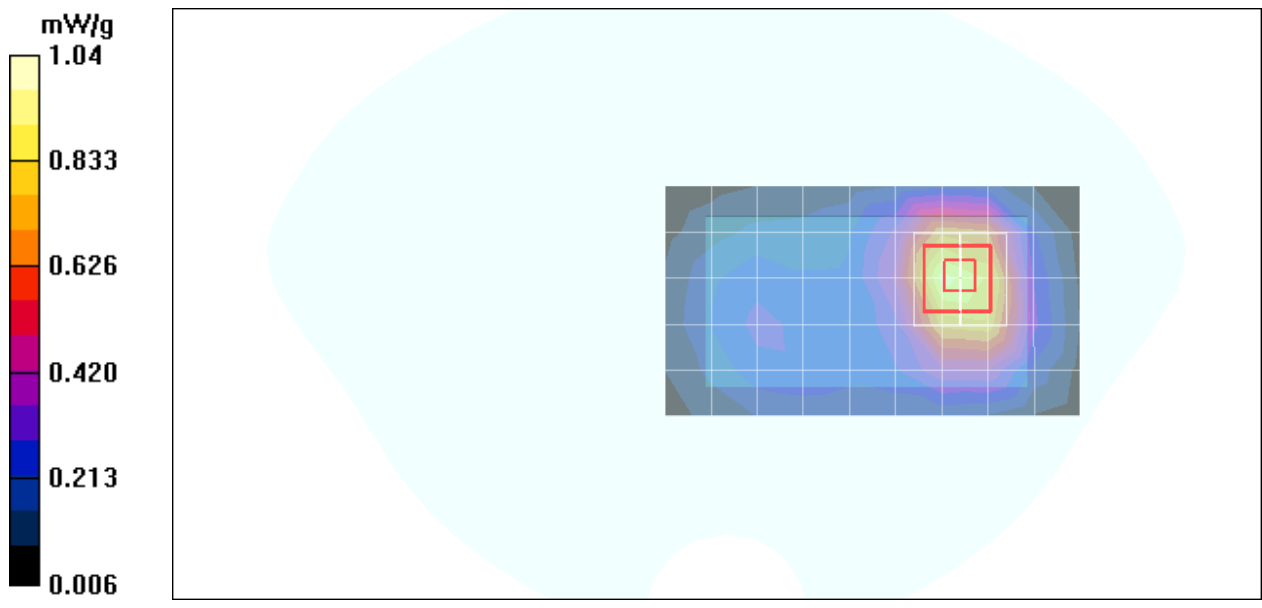
**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.1 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.468 mW/g**

Maximum value of SAR (measured) = 1.04 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900 -Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **EGPRS Body Face Up Middle CH661/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.456 mW/g

### **EGPRS Body Face Up Middle CH661/Zoom Scan (7x7x9)/Cube**

**0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.9 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.854 W/kg

**SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.514 mW/g

### **EGPRS Body Face Up Middle CH661/Zoom Scan (7x7x9)/Cube**

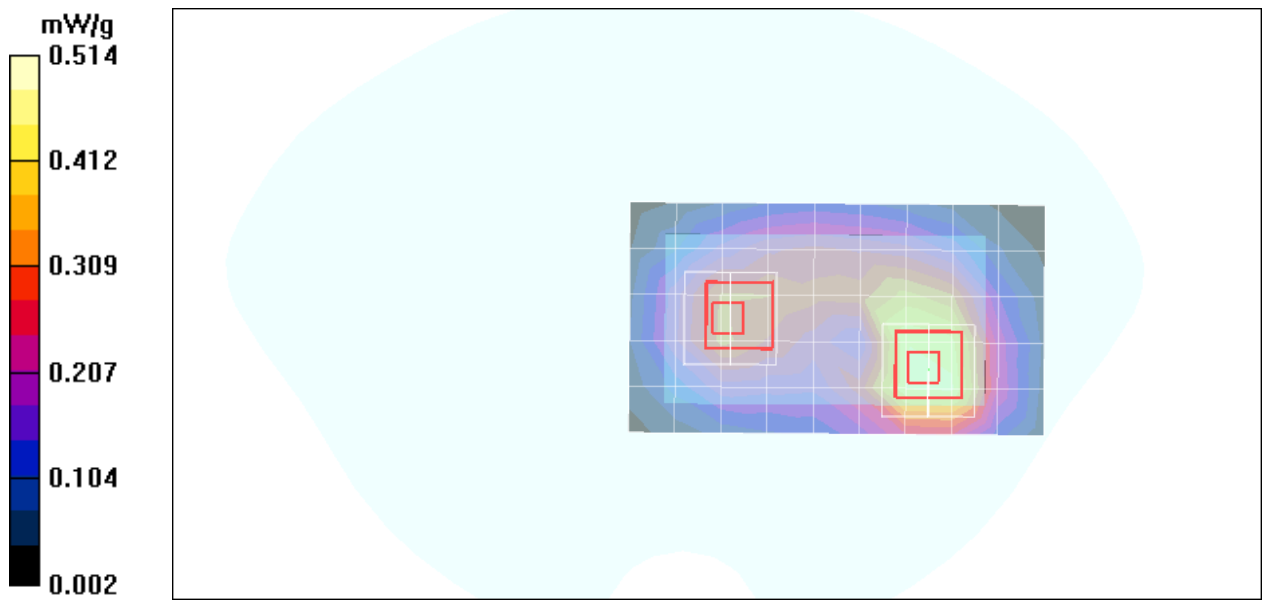
**1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.9 V/m; Power Drift = 0.024 dB

Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.177 mW/g**

Maximum value of SAR (measured) = 0.342 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900 -Body PB74100 class 12**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

## **EGPRS Body Face Down Middle CH661/Area Scan (6x10x1):**

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

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

## **EGPRS Body Face Down Middle CH661/Zoom Scan**

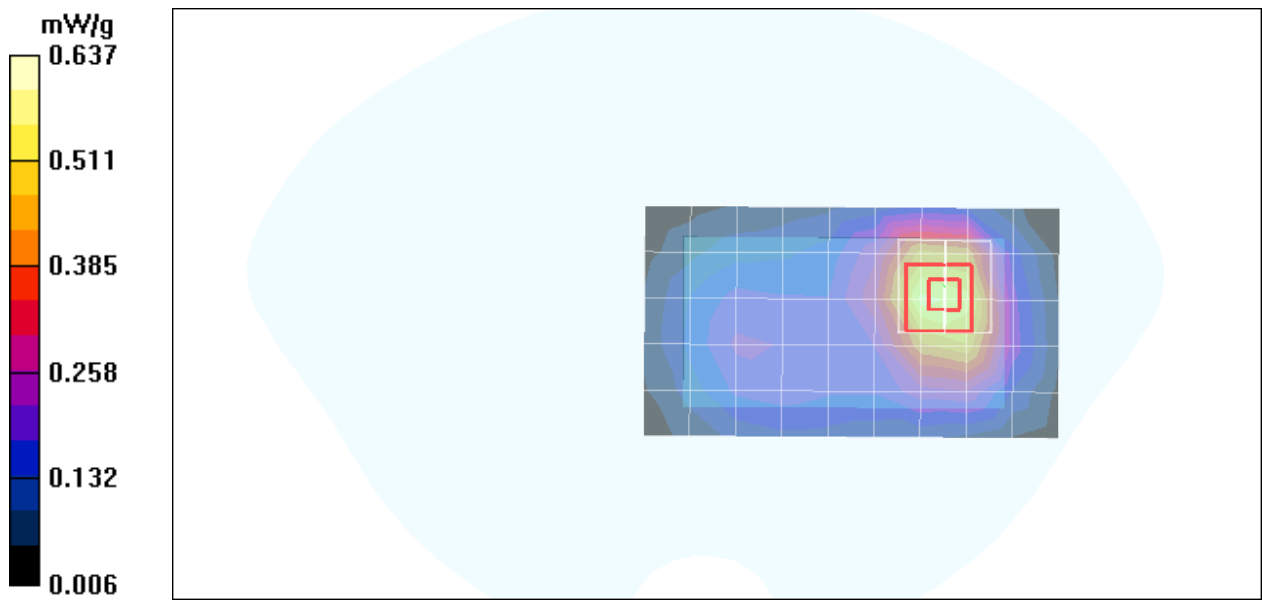
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 11.1 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.835 W/kg

**SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.637 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900 -Body PB74100 class 12 LCDII+CAMERAI+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.5 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 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **EGPRS Body Face Down Middle CH661/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.537 mW/g

### **EGPRS Body Face Down Middle CH661/Zoom Scan**

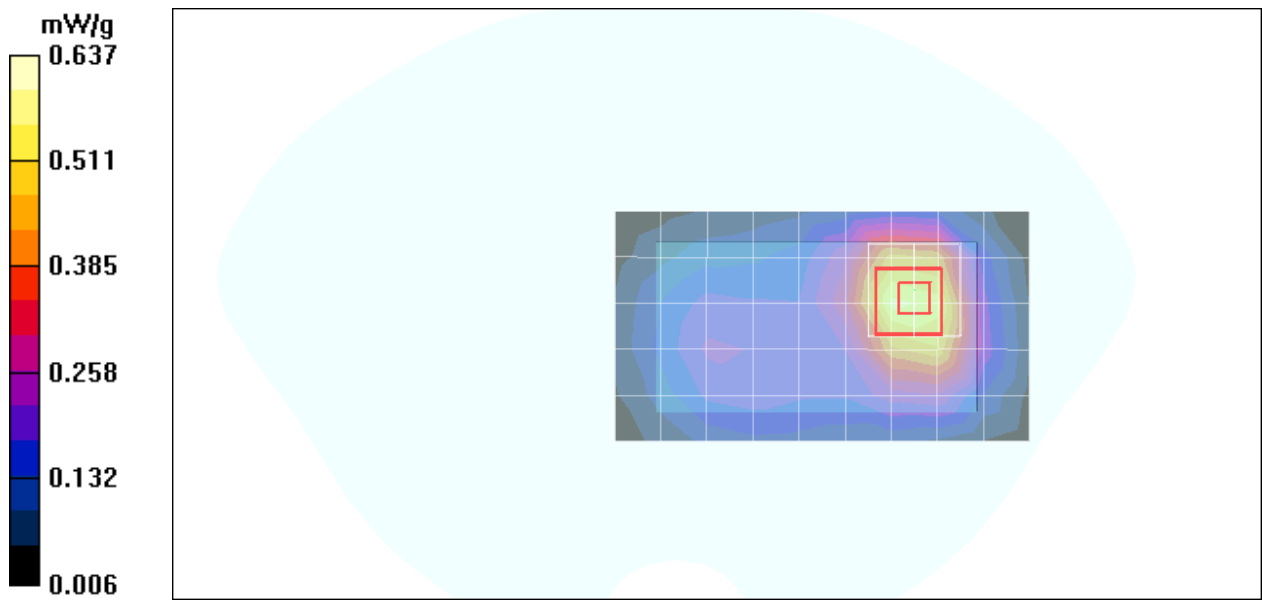
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 9.3 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.796 W/kg

**SAR(1 g) = 0.455 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.601 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Left Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

### **DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek High 2462/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.260 mW/g

**Left Cheek High 2462/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

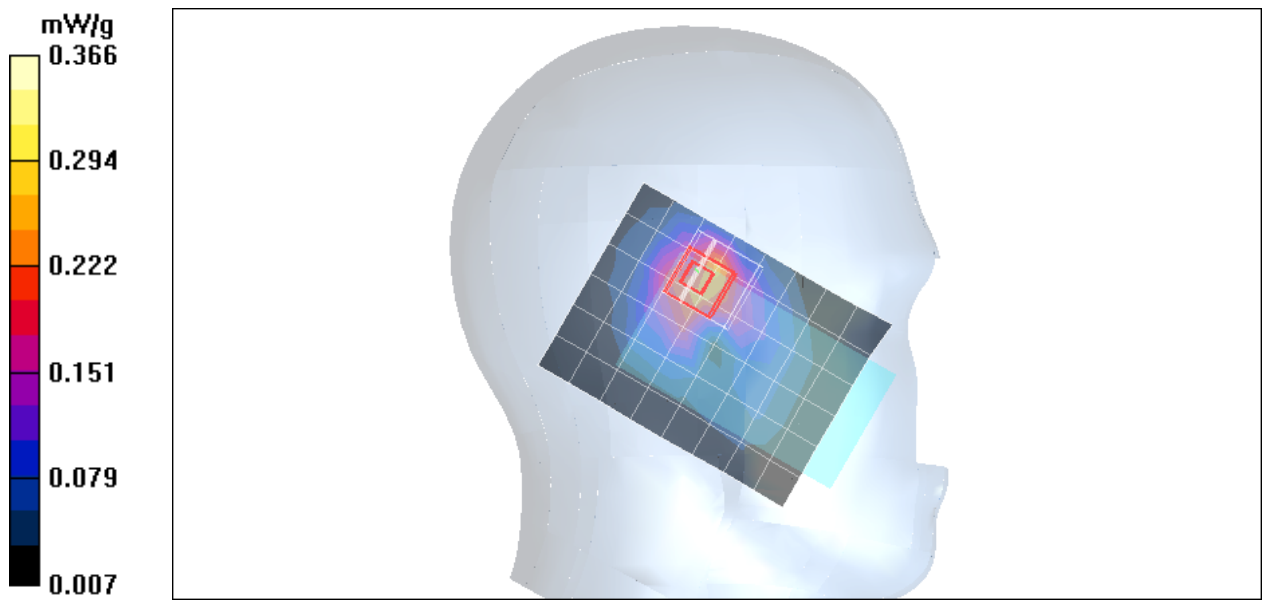
dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.3 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.266 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Left Head PB74100 LCDII+CAMERAII+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Cheek High 2462/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.159 mW/g

**Left Cheek High 2462/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

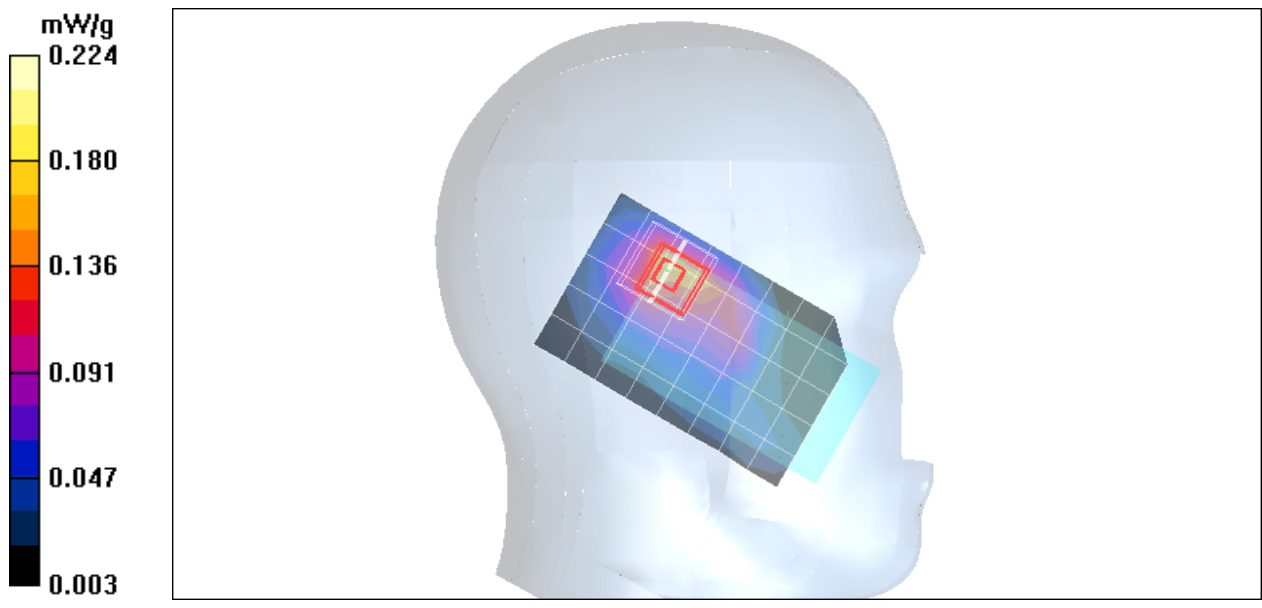
dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.98 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.071 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## WLAN 80211b -Left Head PB74100

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Left Tilted High 2462/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.185 mW/g

**Left Tilted High 2462/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.21 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.205 mW/g

**Left Tilted High 2462/Zoom Scan (7x7x9)/Cube 1:** Measurement grid:

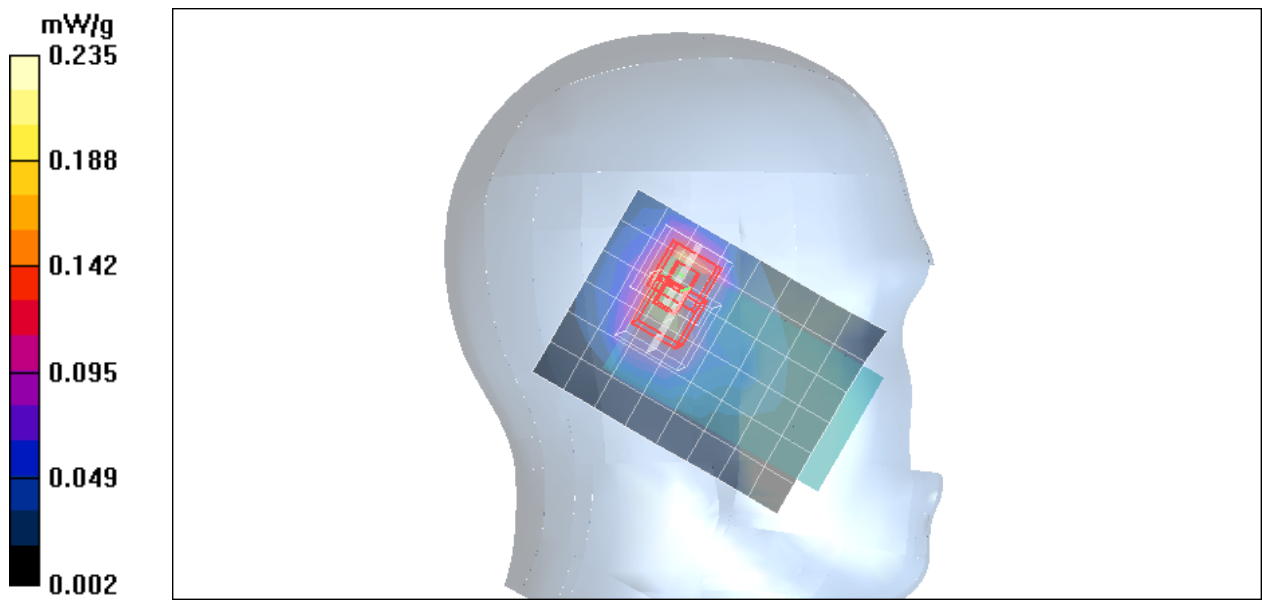
dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.21 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.157 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Right Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Cheek High 2462/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.168 mW/g

**Right Cheek High 2462/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

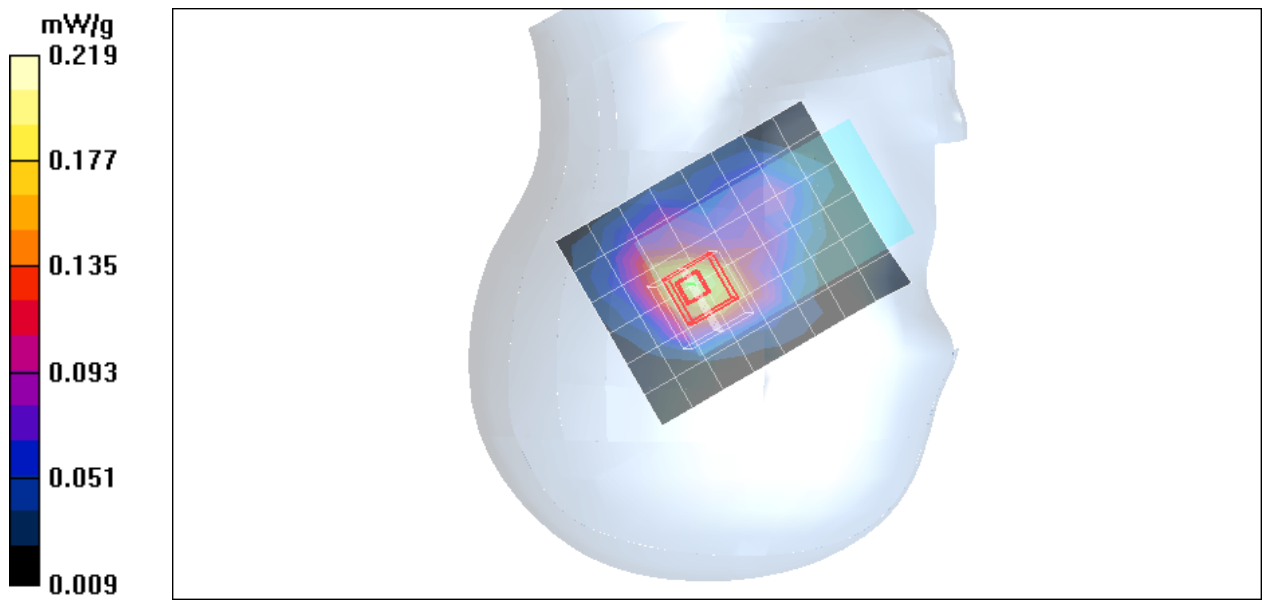
dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.8 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.062 mW/g**

Maximum value of SAR (measured) = 0.175 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Right Head PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 40.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Right Tilted High 2462/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.1650 mW/g

**Right Tilted High 2462/Zoom Scan (7x7x9)/Cube 0:** Measurement grid:

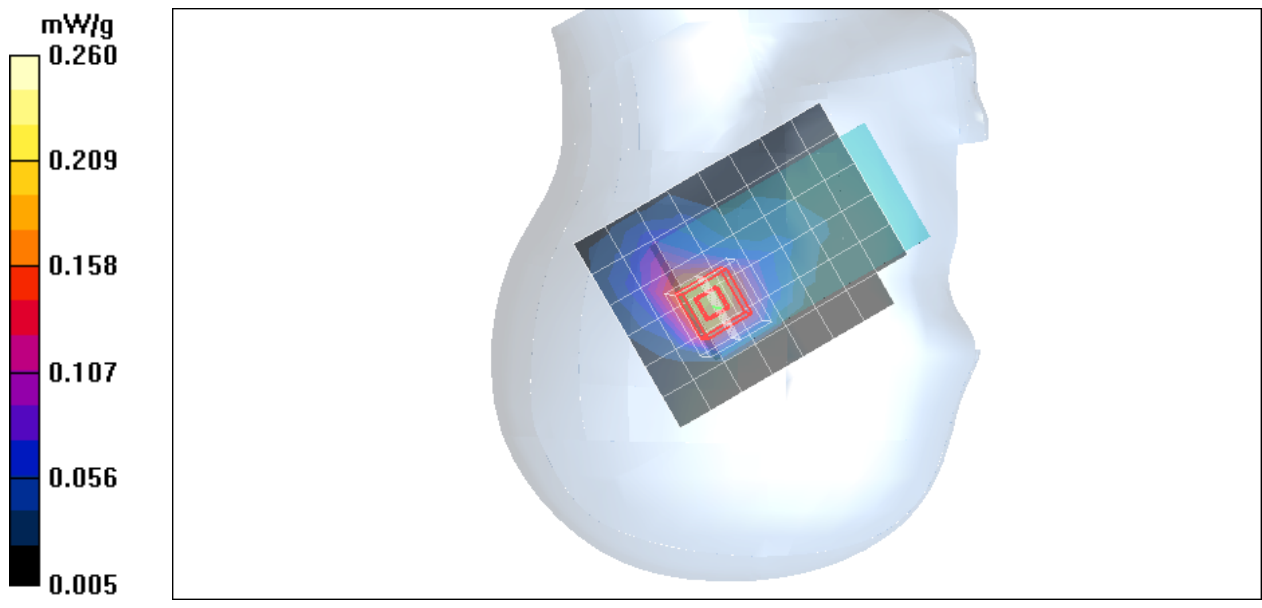
dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.5 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Body PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **802.11b Body Face Down High 2462/Area Scan (6x10x1):**

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

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

### **802.11b Body Face Down High 2462/Zoom Scan (7x7x9)/Cube 0:**

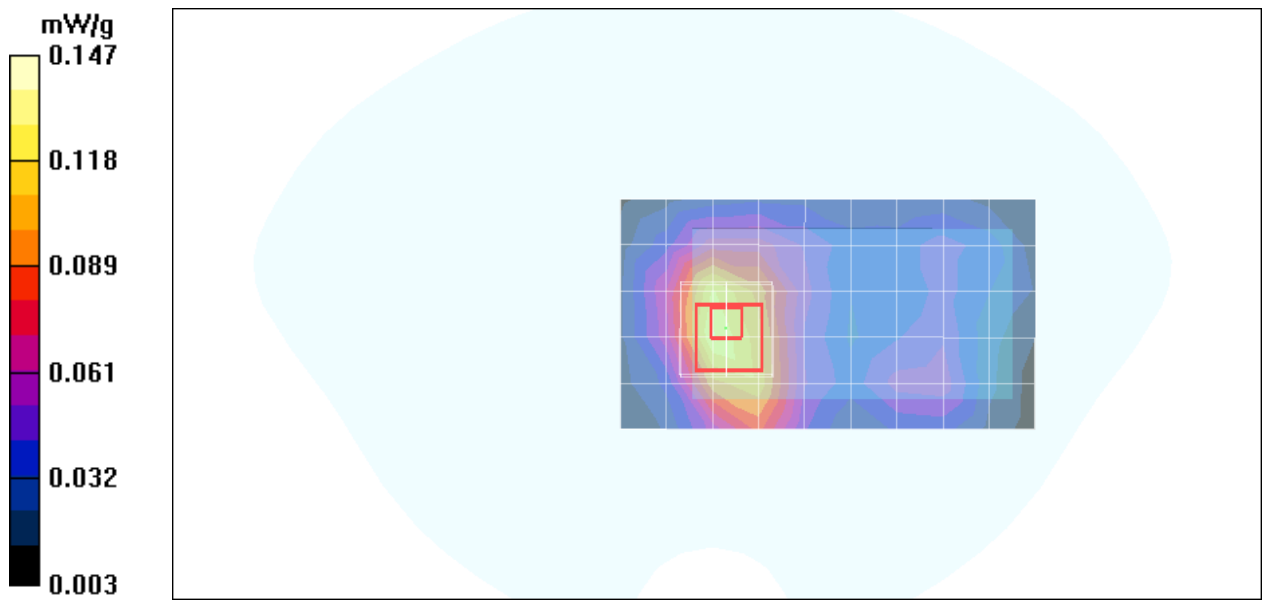
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 7.2 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.201 W/kg

**SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.135 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Body PB74100 LCDII+CAMERAI+BatteryII**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **802.11b Body Face Down High 2462/Area Scan (6x10x1):**

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

Maximum value of SAR (measured) = 0.125 mW/g

### **802.11b Body Face Down High 2462/Zoom Scan (7x7x9)/Cube 0:**

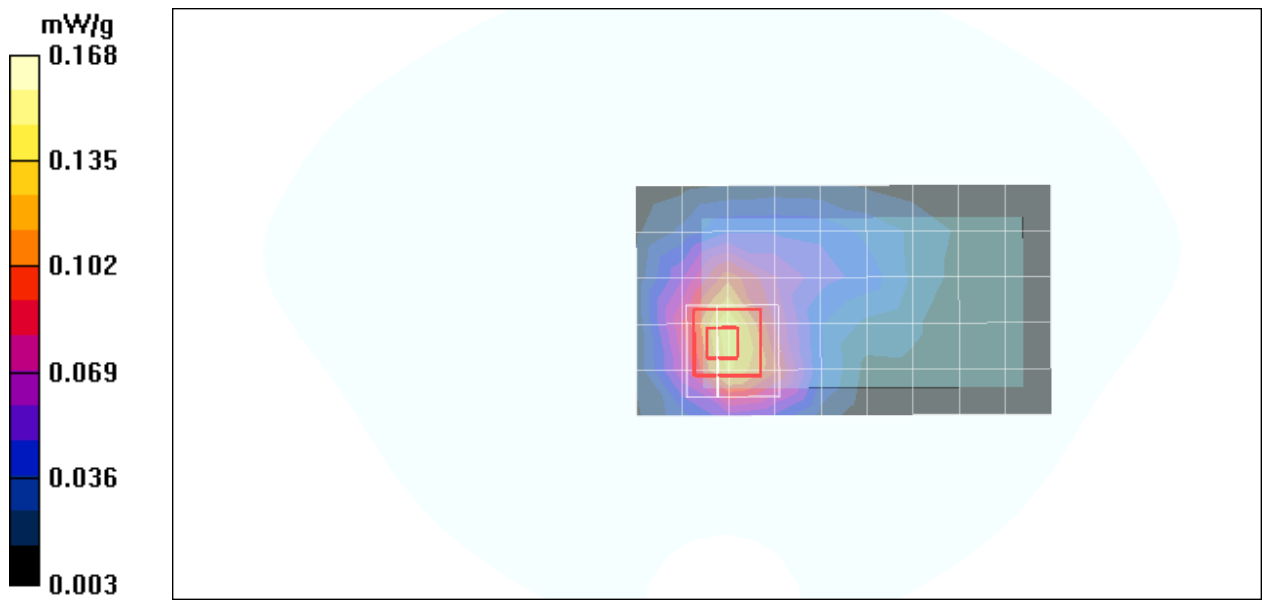
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 6.10 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.129 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WLAN 80211b -Body PB74100**

**DUT: PB74100; Type: PB74100; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 51.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 6/24/2009
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

### **802.11b Body Face Up High 2462/Area Scan (6x10x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.068 mW/g

### **802.11b Body Face Up High 2462/Zoom Scan (7x7x9)/Cube 0:**

Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 5.52 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.144 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.031 mW/g**

Maximum value of SAR (measured) = 0.068 mW/g

