

Test Laboratory: Compliance Certification Services Inc.

## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Front Low CH128/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.136 mW/g

**GSM Body Front Low CH128/Zoom Scan (5x5x7)/Cube 0:**

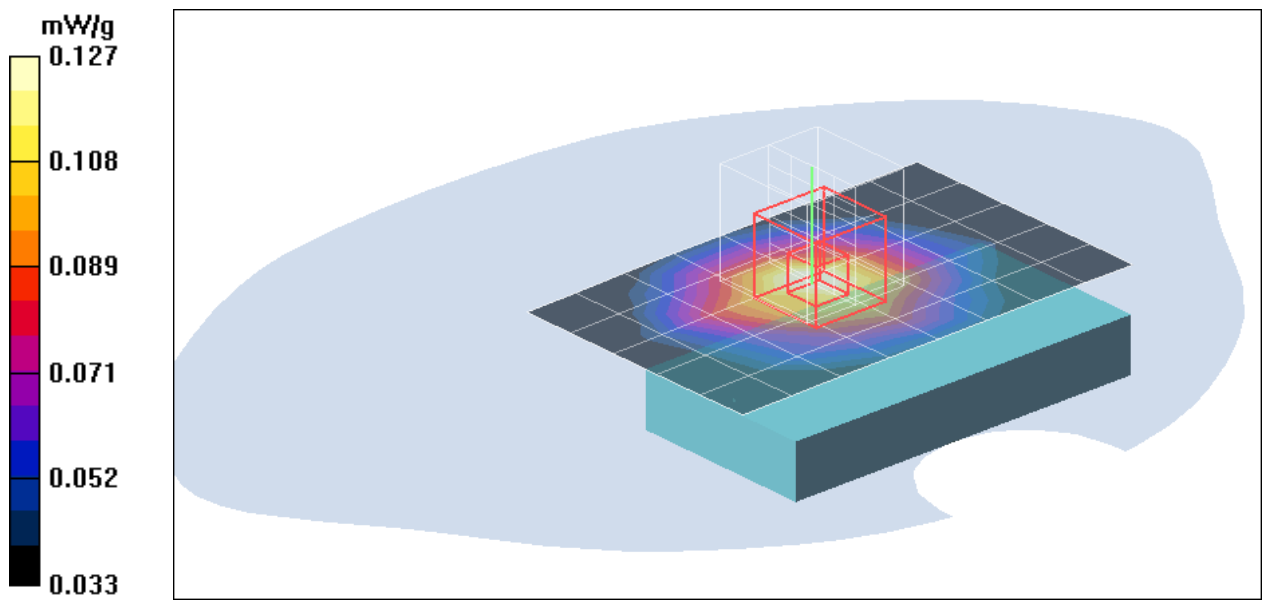
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.74 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.127 mW/g



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## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.932$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Front Middle CH190/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.215 mW/g

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

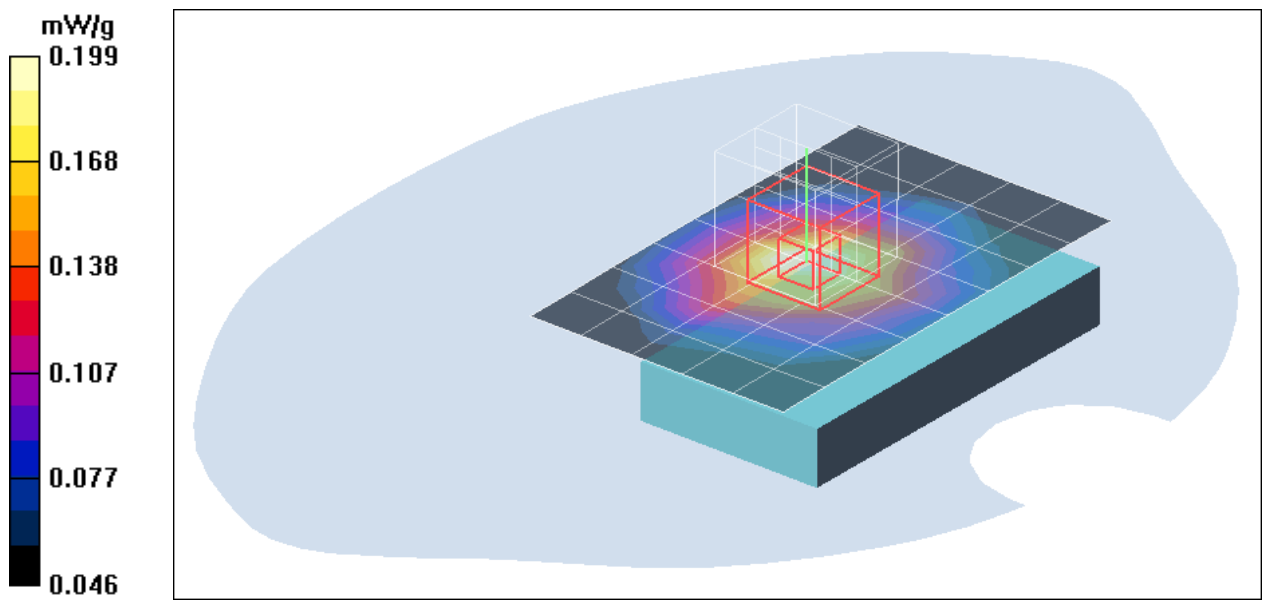
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 10.9 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 0.199 W/kg

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.152 mW/g**

Maximum value of SAR (measured) = 0.199 mW/g



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## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Front High CH251/Area Scan (6x9x1):** Measurement grid:

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

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

**GSM Body Front High CH251/Zoom Scan (5x5x7)/Cube 0:**

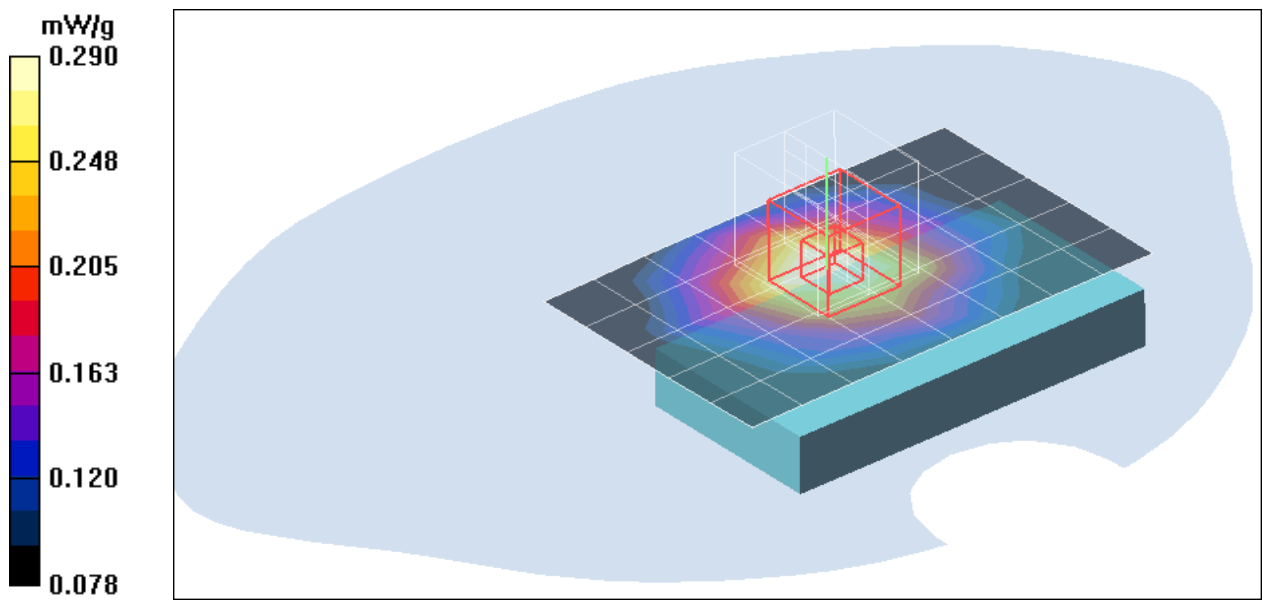
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 13.7 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.290 W/kg

**SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.290 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GSM 850; Frequency: 824.2 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Back Low CH128/Area Scan (6x10x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.442 mW/g

**GSM Body Back Low CH128/Zoom Scan (5x5x7)/Cube 0:**

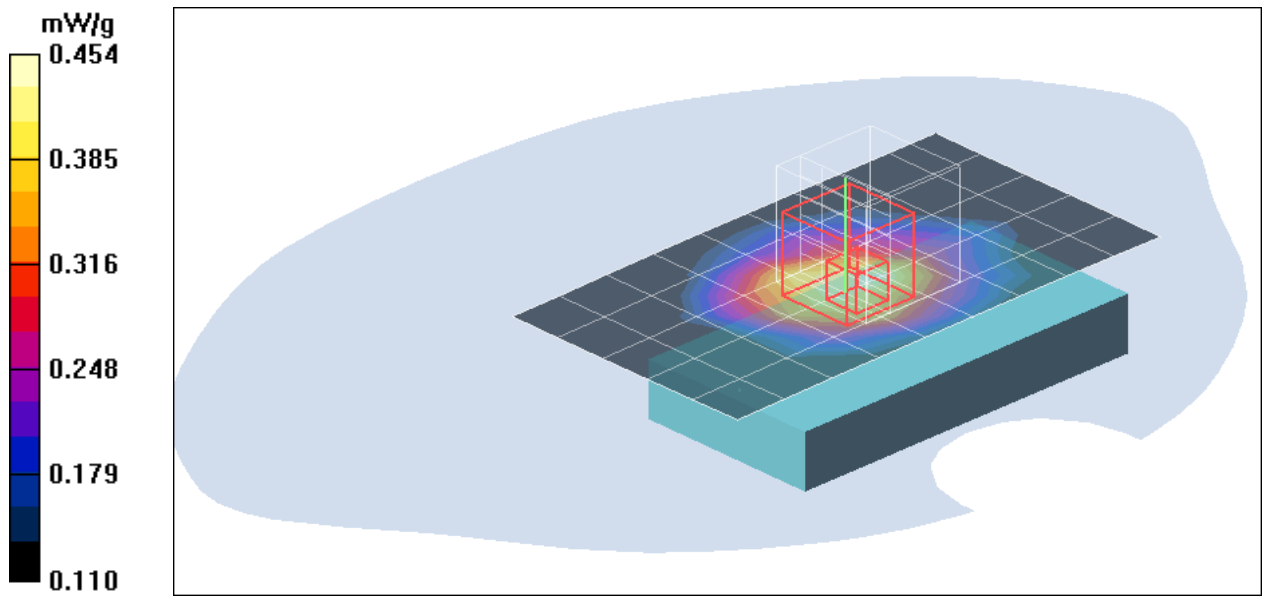
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 16.0 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.356 mW/g**

Maximum value of SAR (measured) = 0.454 mW/g





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## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.932$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Back Middle CH190/Area Scan (6x9x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.698 mW/g

**GSM Body Back Middle CH190/Zoom Scan (5x5x7)/Cube 0:**

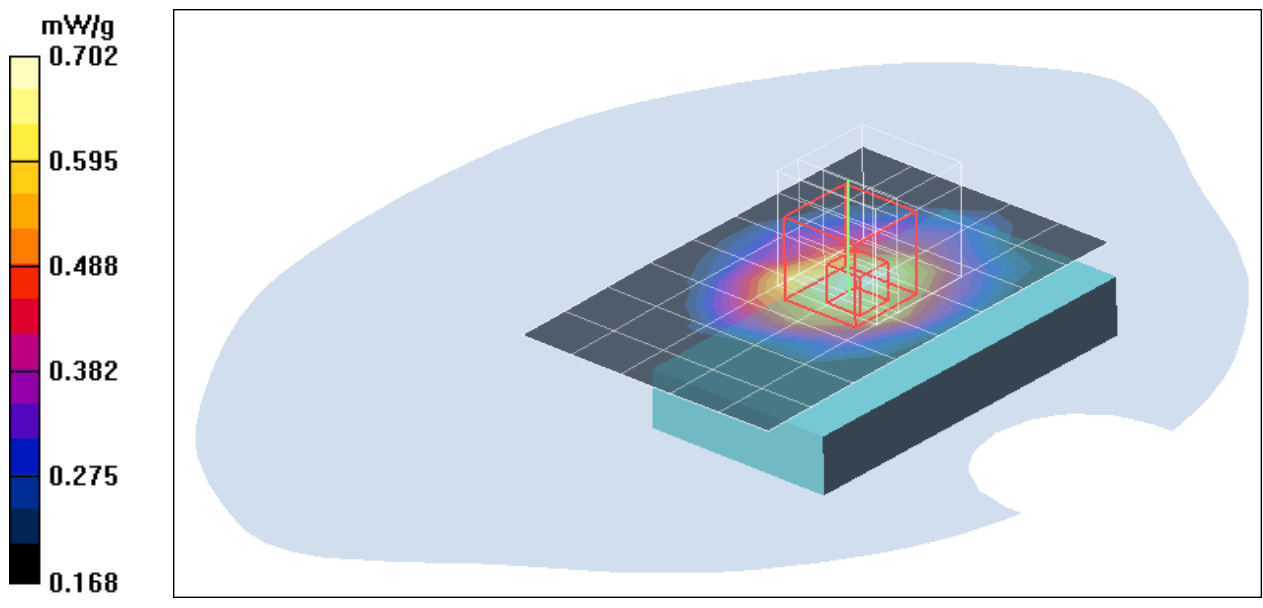
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 0.719 W/kg

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.554 mW/g**

Maximum value of SAR (measured) = 0.702 mW/g



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## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Back High CH251/Area Scan (6x9x1):** Measurement grid:

dx=15mm, dy=15mm

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

**GSM Body Back High CH251/Zoom Scan (5x5x7)/Cube 0:**

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

Reference Value = 23.8 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 1.06 W/kg

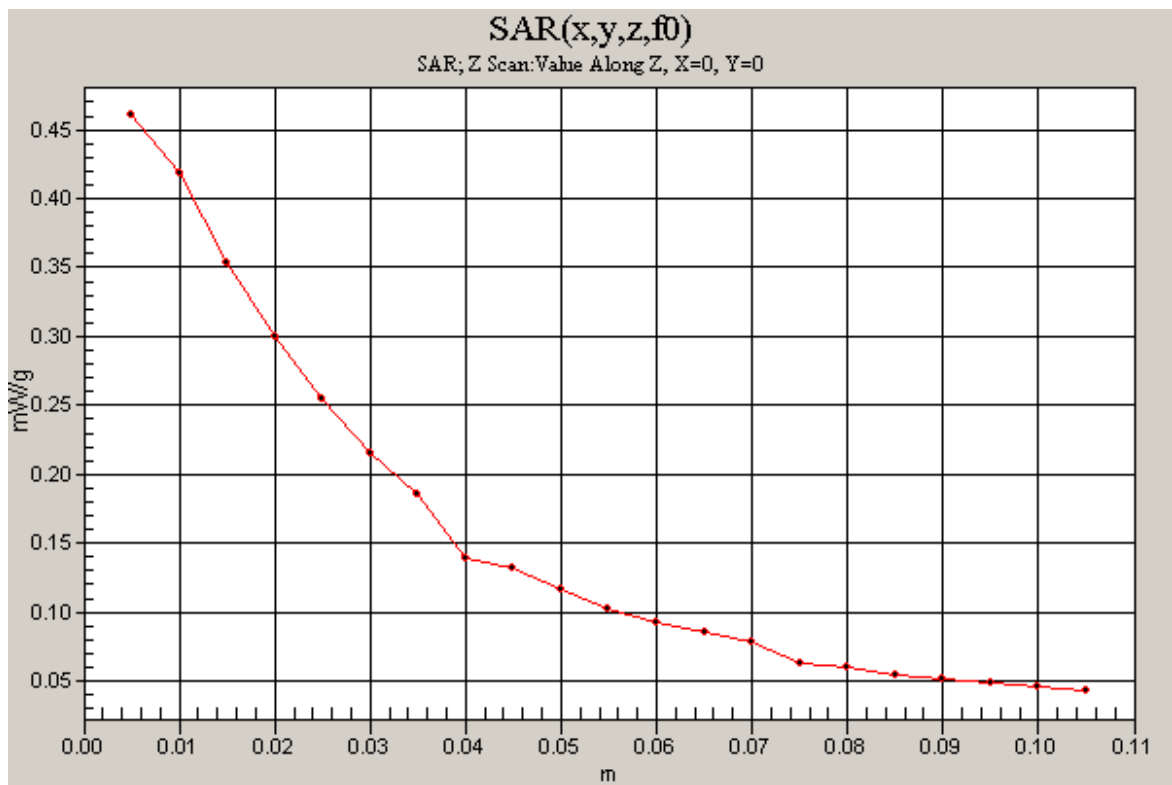
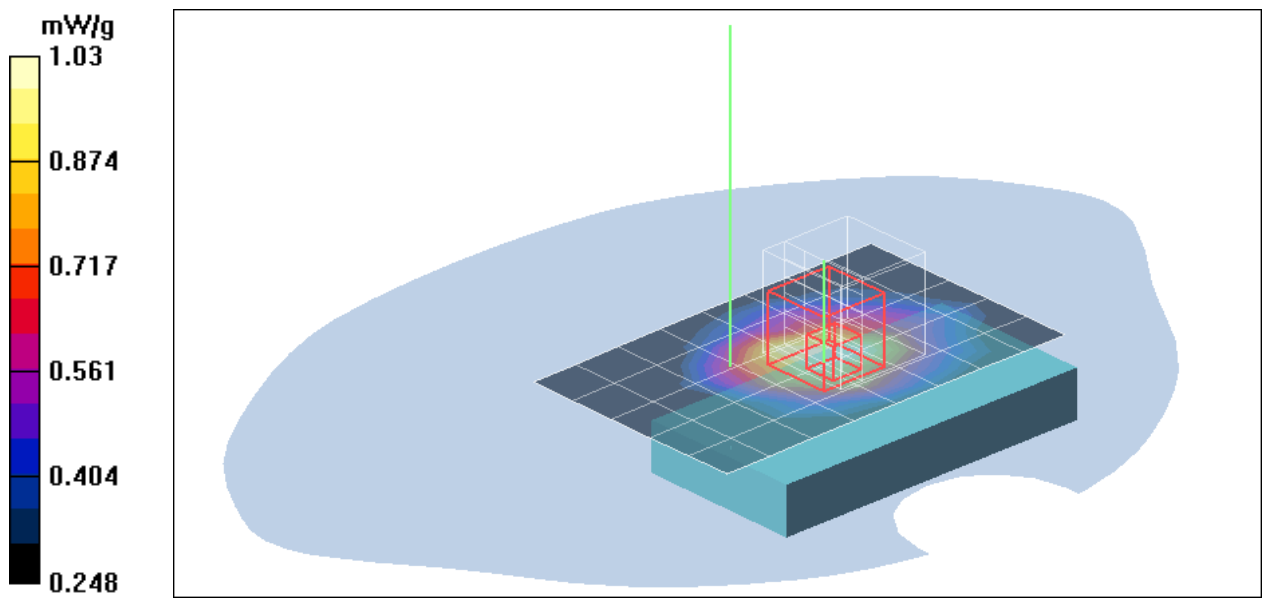
**SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.816 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g

**GSM Body Back High CH251/Z Scan (1x1x21):** Measurement grid:

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

Maximum value of SAR (measured) = 0.460 mW/g



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## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## **co-Location 802.11b+Bt+GSM Body Back High CH251/Area**

**Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

## **co-Location 802.11b+Bt+GSM Body Back High CH251/Zoom**

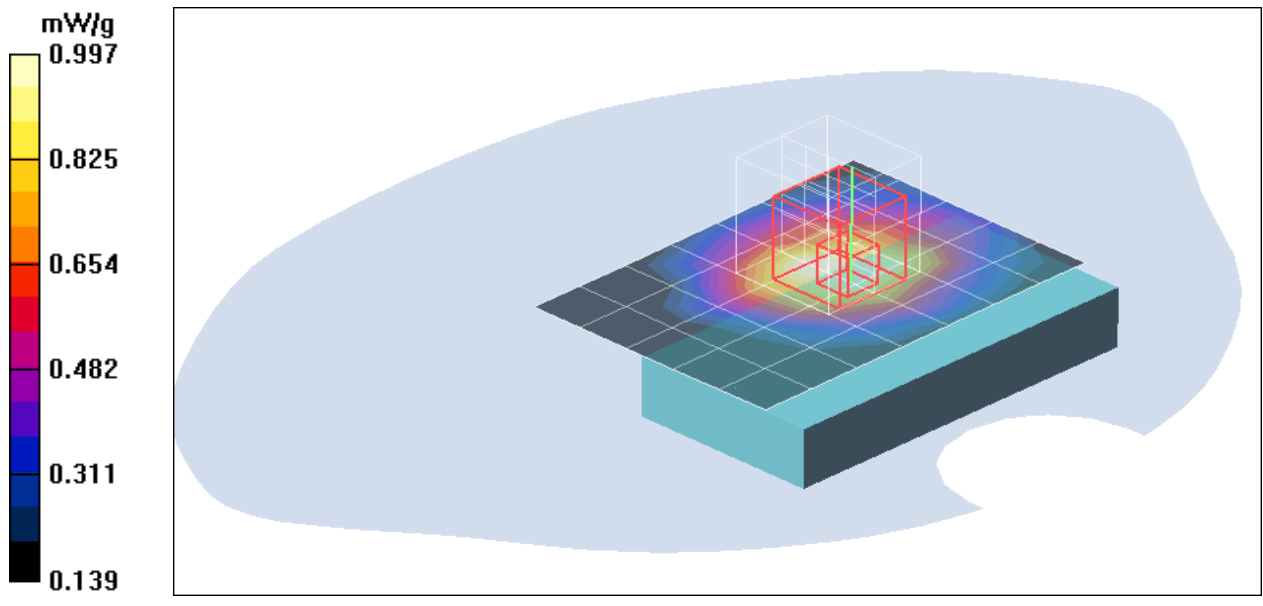
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.701 mW/g**

Maximum value of SAR (measured) = 0.997 mW/g



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## **GSM 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GSM 850; Frequency: 848.8 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11g+Bt+GSM Body Back High CH251/Area**

**Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.909 mW/g

### **co-Location 802.11g+Bt+GSM Body Back High CH251/Zoom**

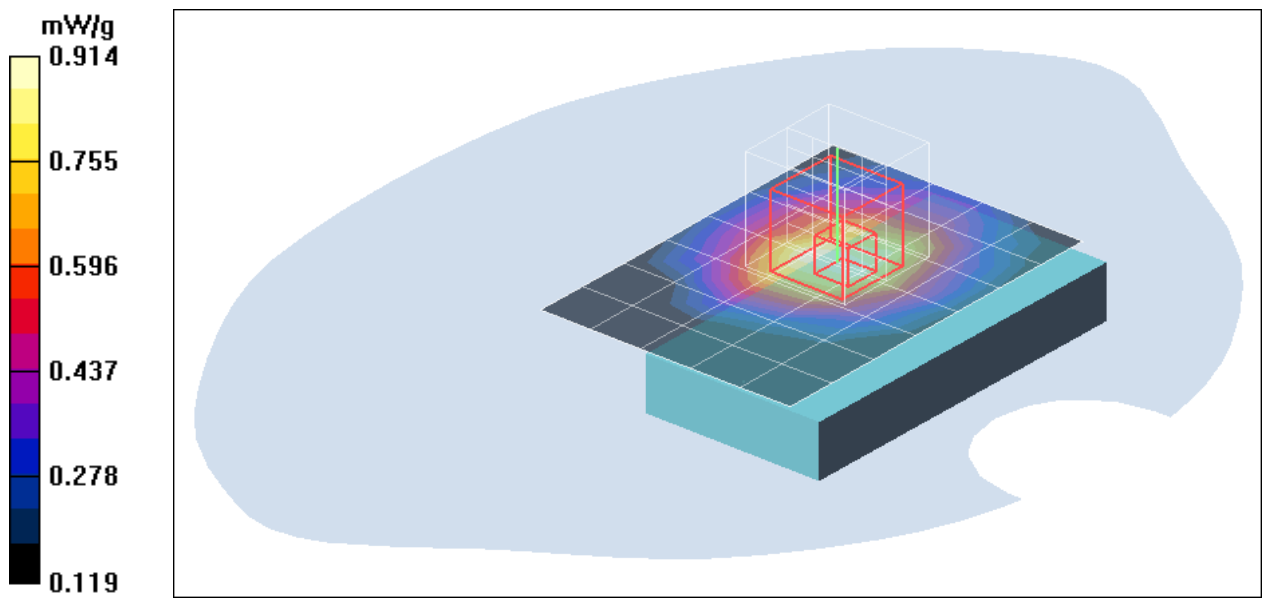
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 0.990 W/kg

**SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 0.914 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Front Low CH512/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.108 mW/g

**GSM Body Front Low CH512/Zoom Scan (5x5x7)/Cube 0:**

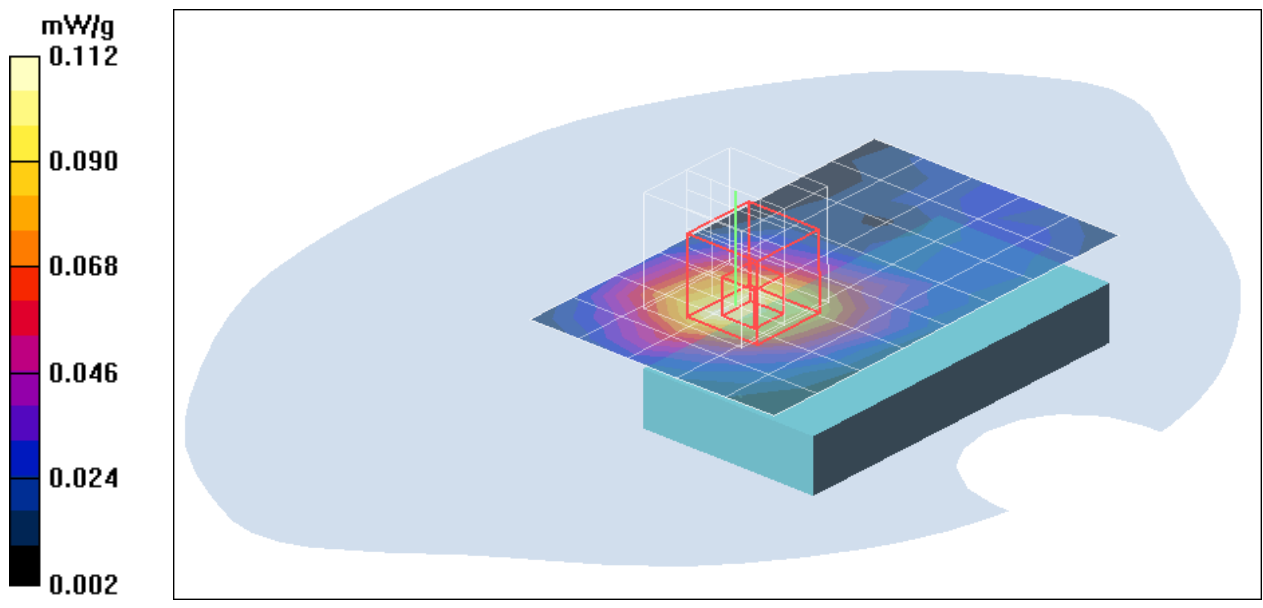
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.20 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.137 W/kg

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.112 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Front Middle CH661/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.131 mW/g

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

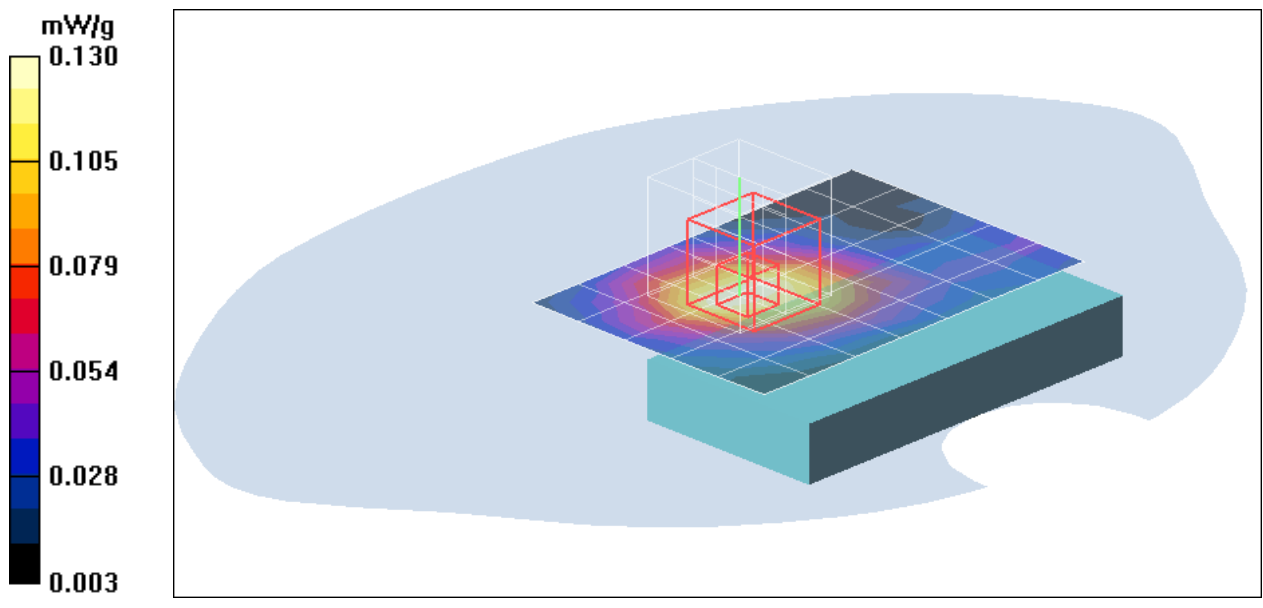
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 9.05 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.130 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Front High CH810/Area Scan (6x8x1):** Measurement grid:

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

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

**GSM Body Front High CH810/Zoom Scan (5x5x7)/Cube 0:**

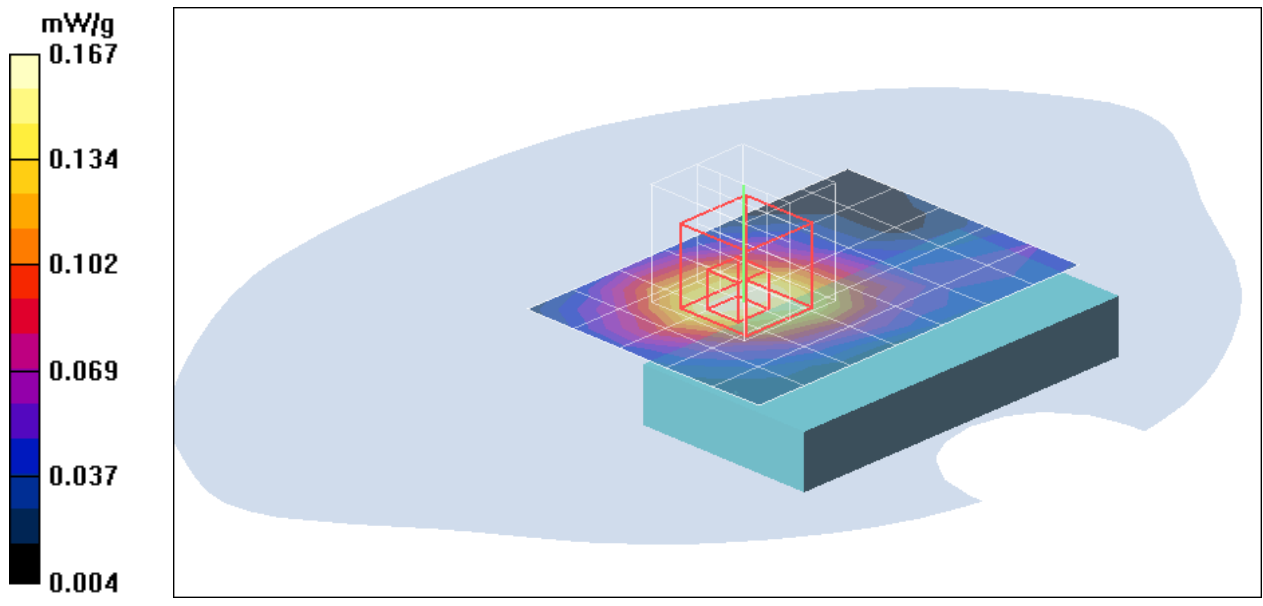
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 10.2 V/m; Power Drift = -0.137 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.086 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Back Low CH512/Area Scan (6x8x1):** Measurement grid:

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

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

**GSM Body Back Low CH512/Zoom Scan (5x5x7)/Cube 0:**

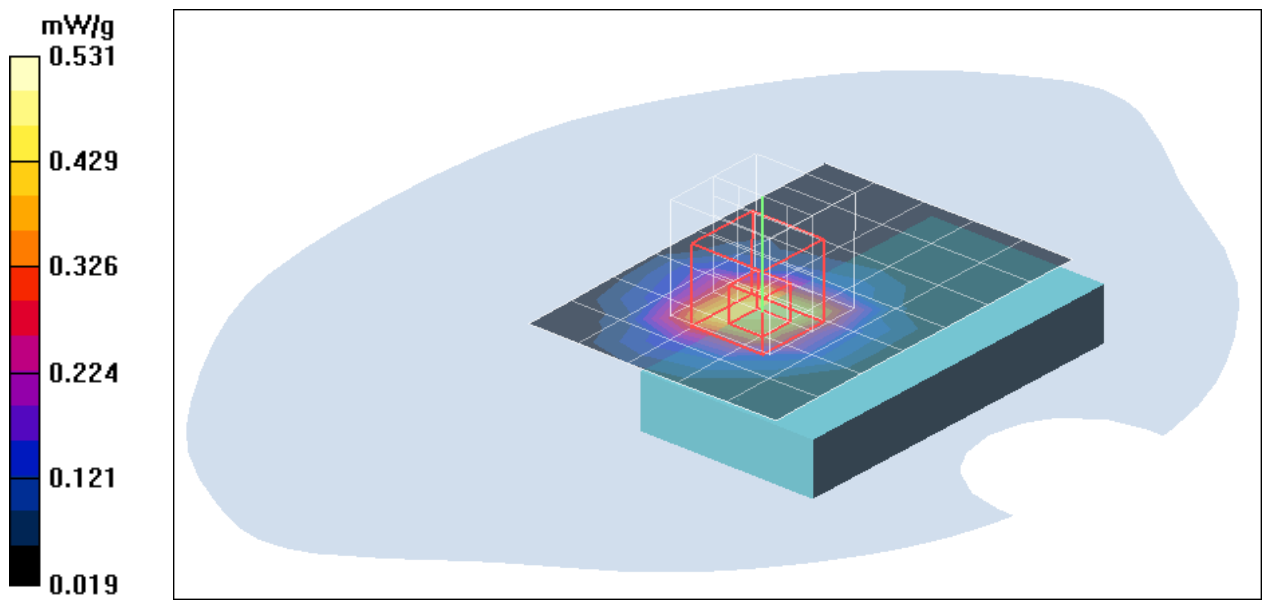
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 17.2 V/m; Power Drift = 0.060 dB

Peak SAR (extrapolated) = 0.595 W/kg

**SAR(1 g) = 0.440 mW/g; SAR(10 g) = 0.267 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Back Middle CH661/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.501 mW/g

**GSM Body Back Middle CH661/Zoom Scan (5x5x7)/Cube 0:**

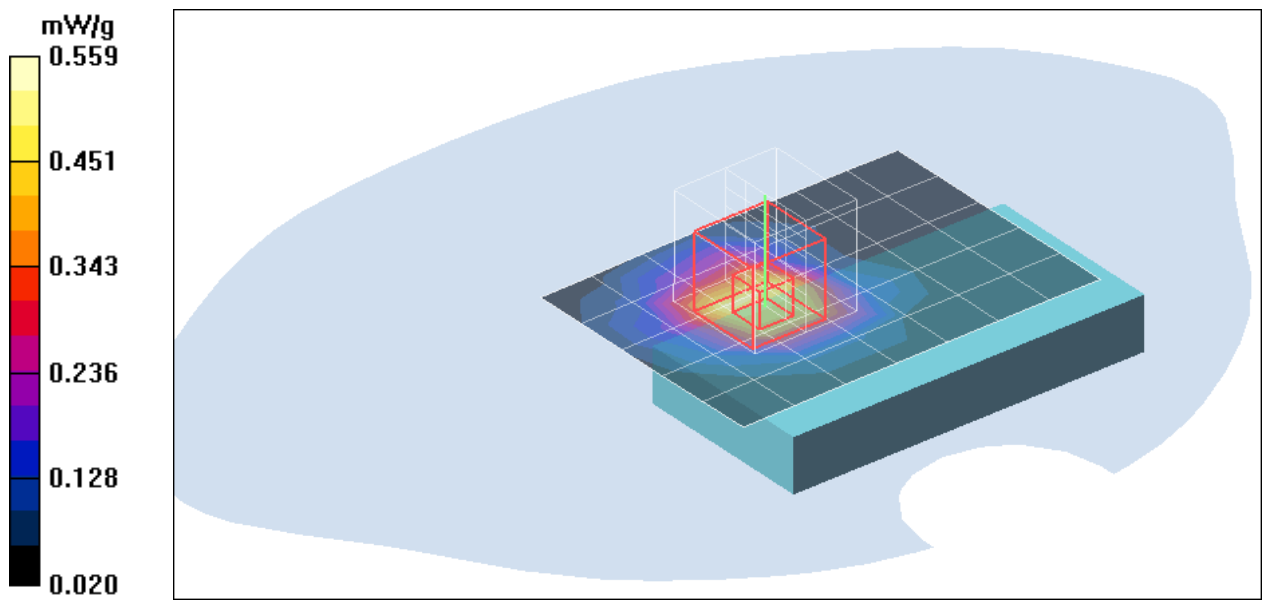
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 17.8 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.630 W/kg

**SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.287 mW/g**

Maximum value of SAR (measured) = 0.559 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GSM Body Back High CH810/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.516 mW/g

**GSM Body Back High CH810/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 18.1 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.671 W/kg

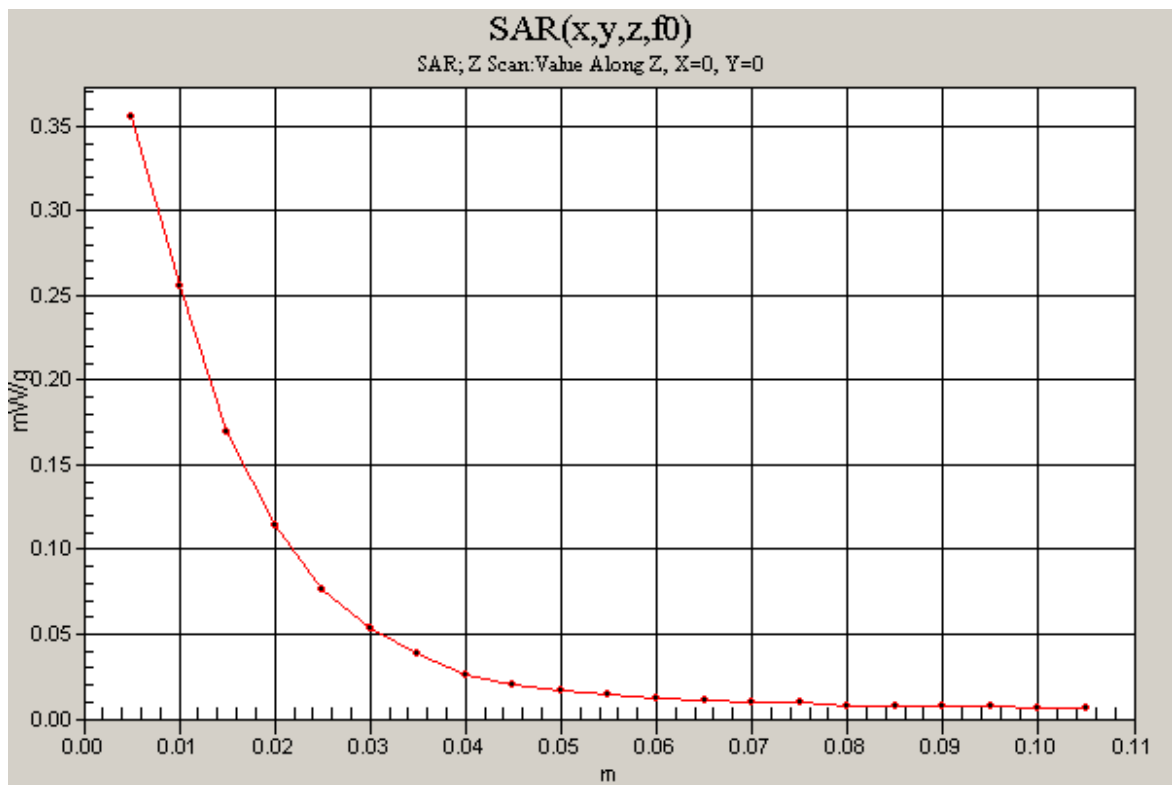
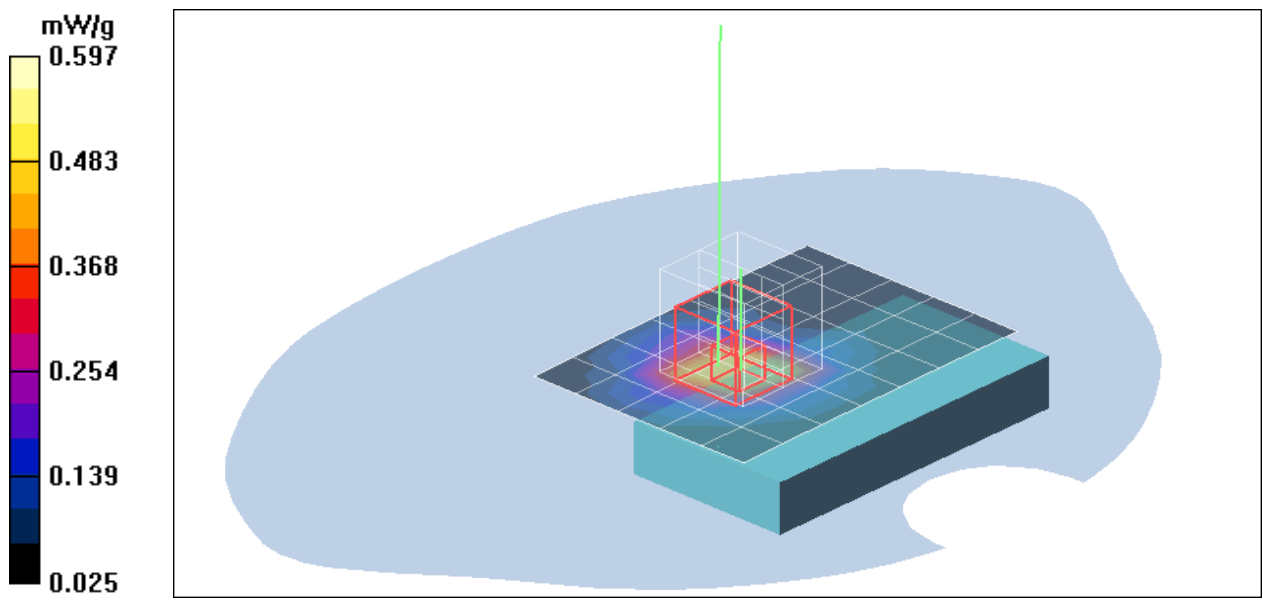
**SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 0.597 mW/g

**GSM Body Back High CH810/Z Scan (1x1x21):** Measurement grid:

$dx=20$ mm,  $dy=20$ mm,  $dz=5$ mm

Maximum value of SAR (measured) = 0.356 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11b+GSM Body Back High CH810/Area Scan**

**(6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

### **co-Location 802.11b+GSM Body Back High CH810/Zoom Scan**

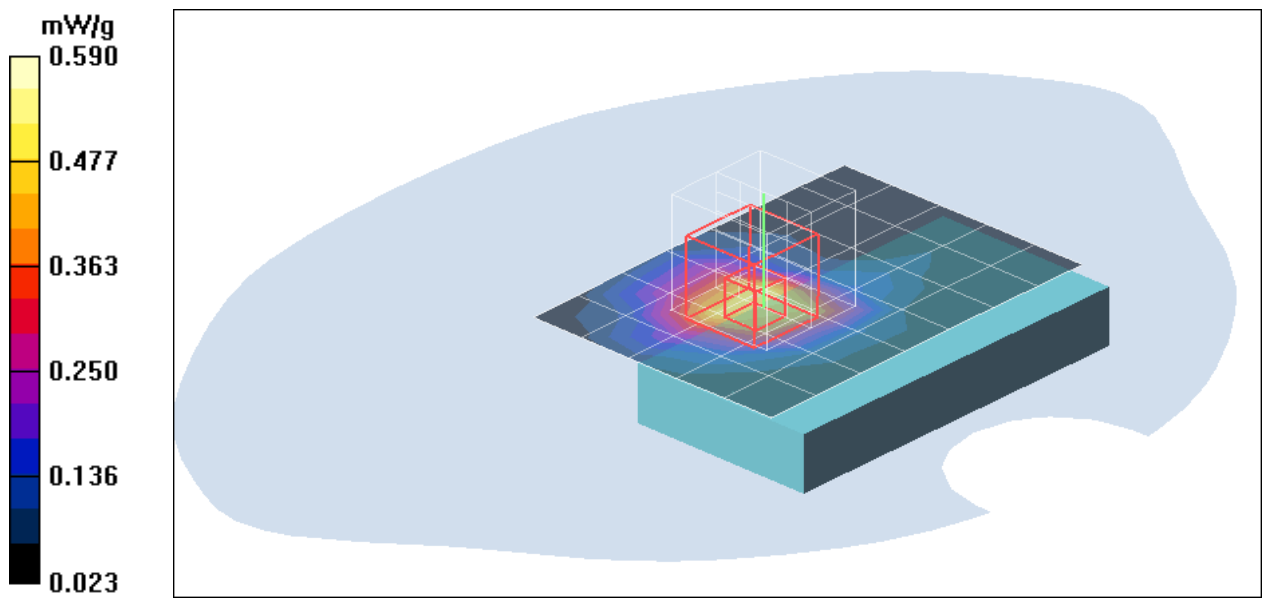
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.665 W/kg

**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.304 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **PCS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; 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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11g+GSM Body Back High CH810/Area Scan**

**(6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

### **co-Location 802.11g+GSM Body Back High CH810/Zoom Scan**

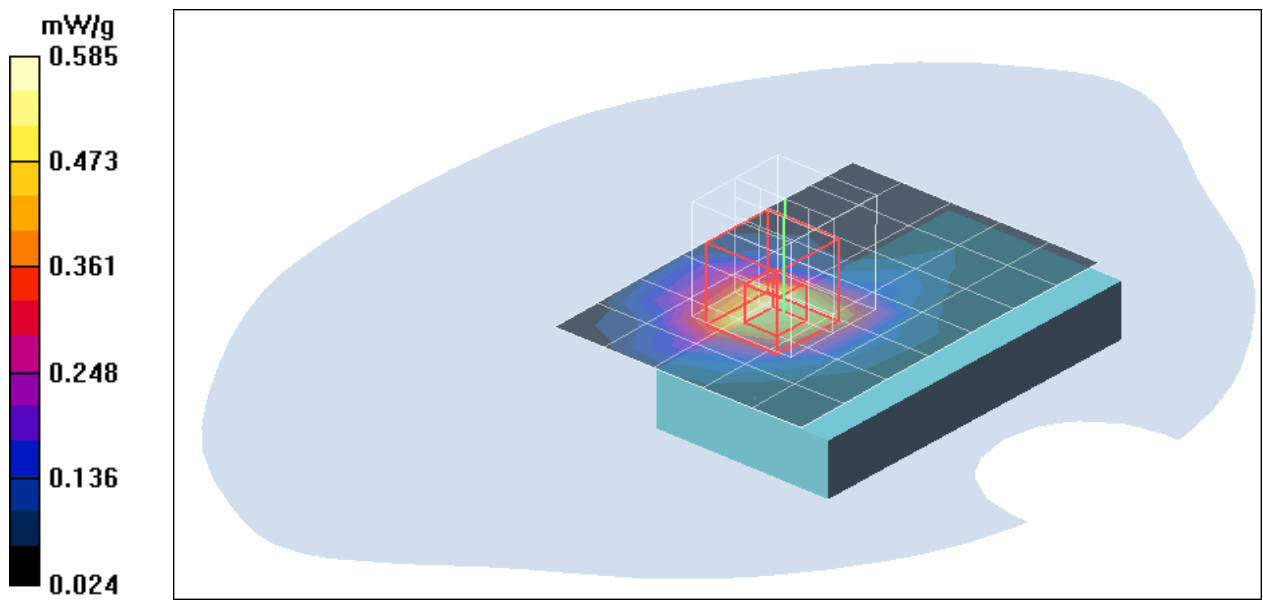
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.656 W/kg

**SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.304 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GPRS Body Front Low CH128/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.218 mW/g

**GPRS Body Front Low CH128/Zoom Scan (5x5x7)/Cube 0:**

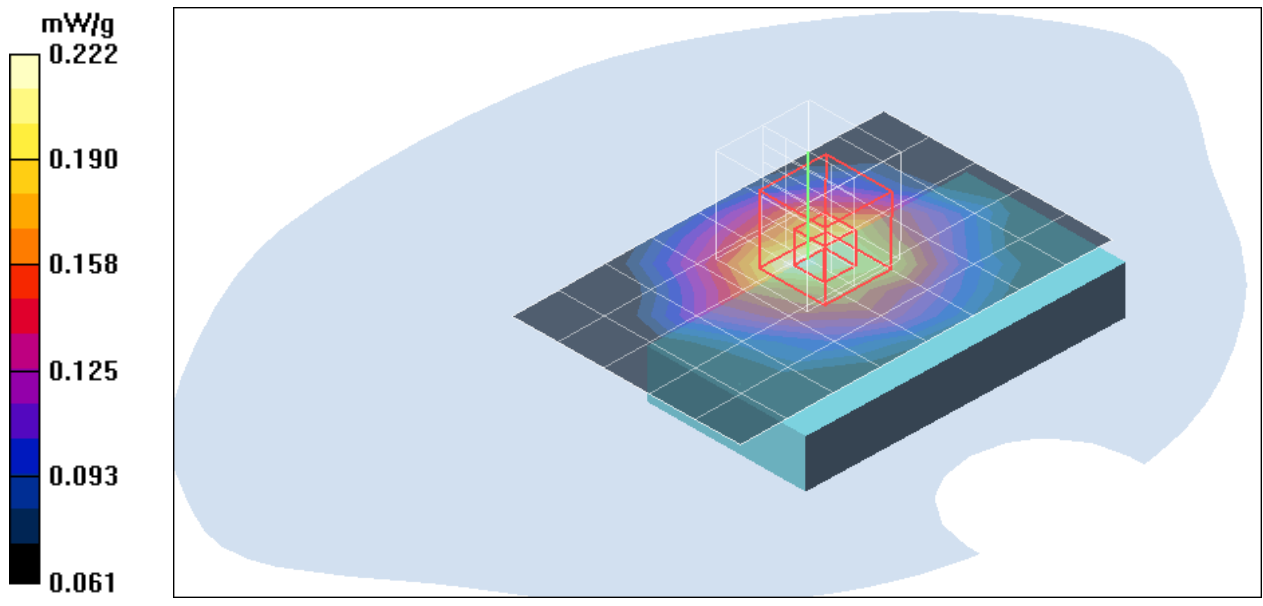
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 11.4 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.229 W/kg

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.168 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.932$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

## **GPRS Body Front Middle CH190/Area Scan (6x8x1):** Measurement

grid: dx=15mm, dy=15mm

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

## **GPRS Body Front Middle CH190/Zoom Scan (5x5x7)/Cube 0:**

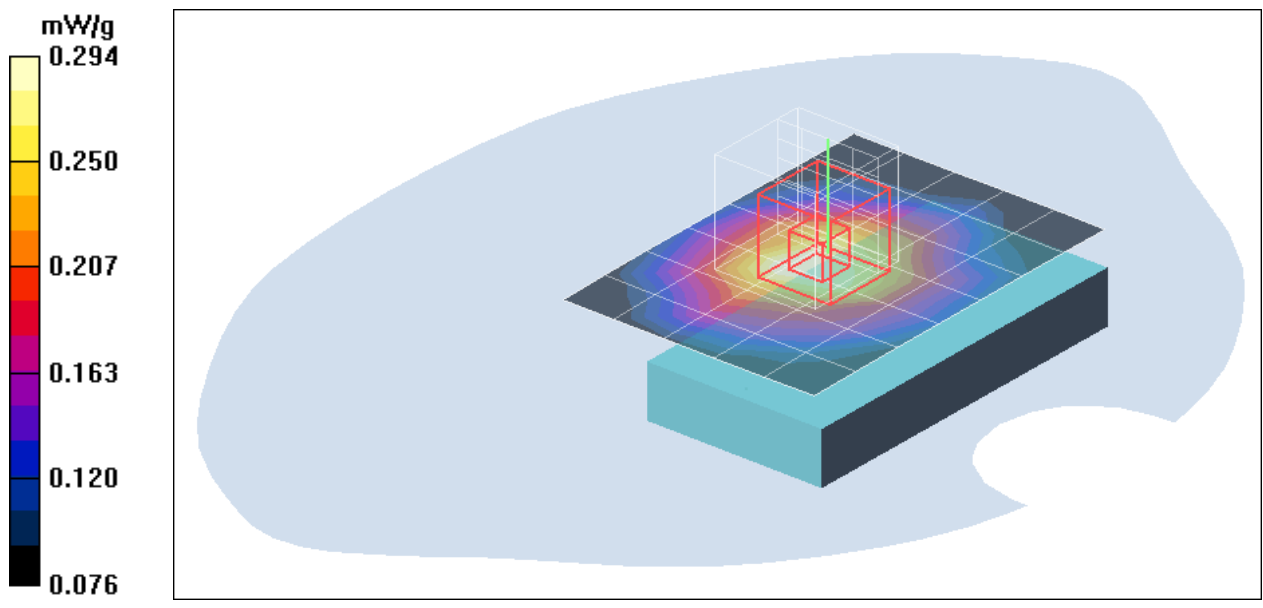
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.233 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GPRS Body Front High CH251/Area Scan (6x8x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.394 mW/g

**GPRS Body Front High CH251/Zoom Scan (5x5x7)/Cube 0:**

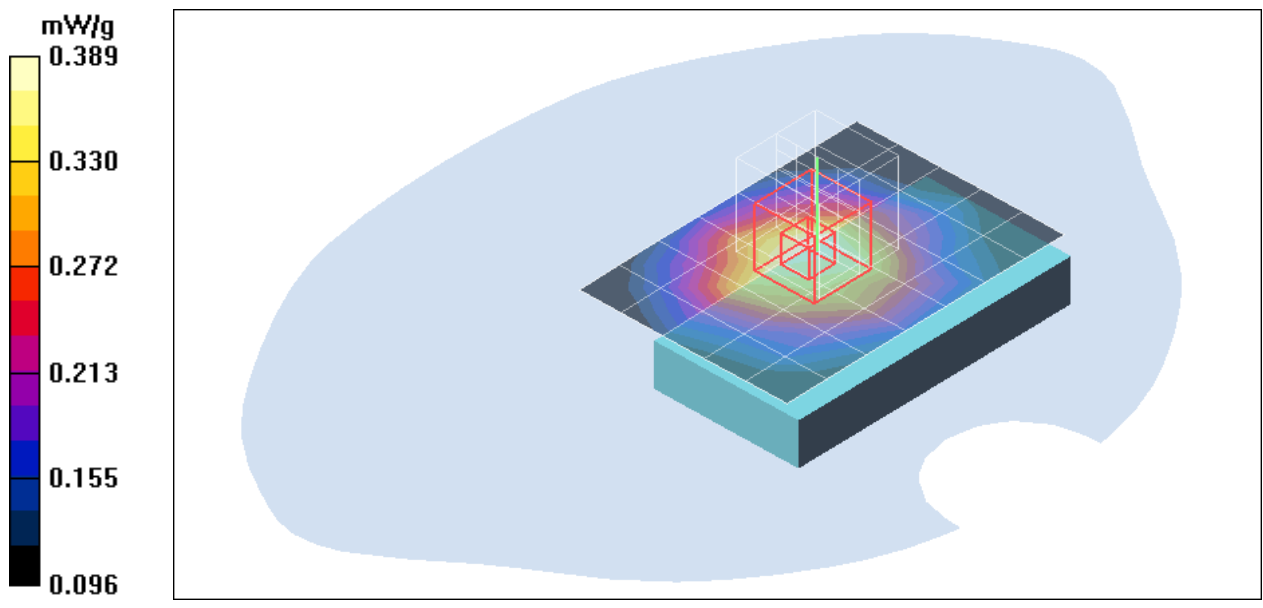
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.389 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GPRS Body Back Low CH128/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.847 mW/g

**GPRS Body Back Low CH128/Zoom Scan (5x5x7)/Cube 0:**

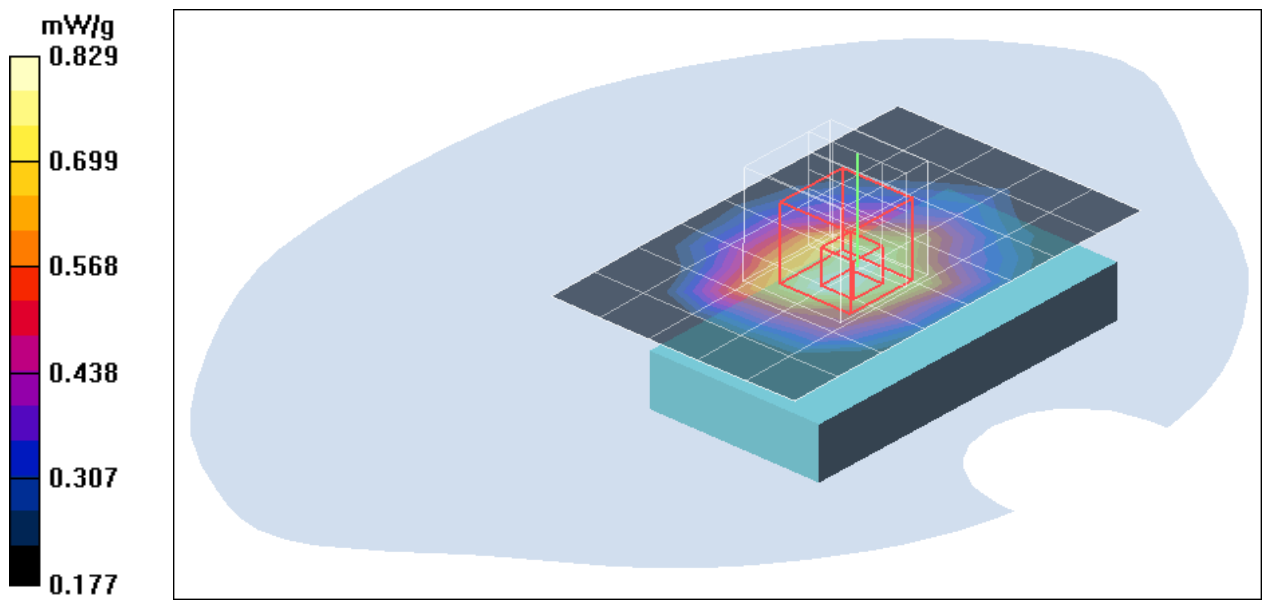
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 22.6 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.856 W/kg

**SAR(1 g) = 0.808 mW/g; SAR(10 g) = 0.660 mW/g**

Maximum value of SAR (measured) = 0.829 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.932$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GPRS Body Back Middle CH190/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.34 mW/g

**GPRS Body Back Middle CH190/Zoom Scan (5x5x7)/Cube 0:**

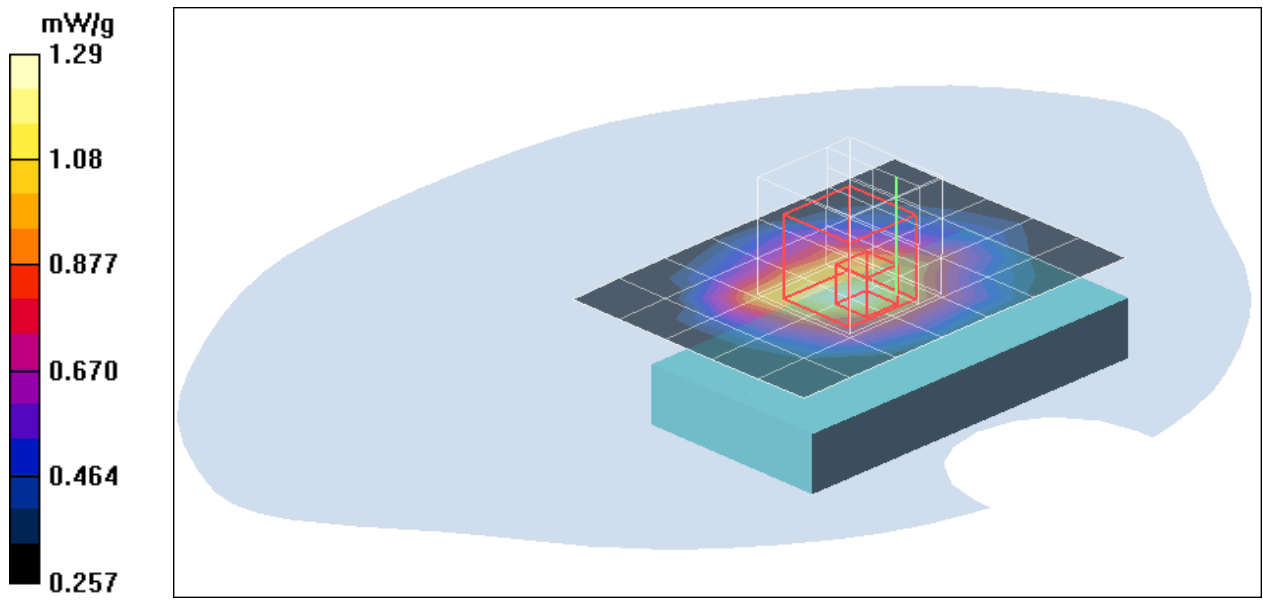
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 25.6 V/m; Power Drift = -0.087 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 1.190 mW/g; SAR(10 g) = 0.971 mW/g**

Maximum value of SAR (measured) = 1.29 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**GPRS Body Back High CH251/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.87 mW/g

**GPRS Body Back High CH251/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 29.6 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.60 W/kg

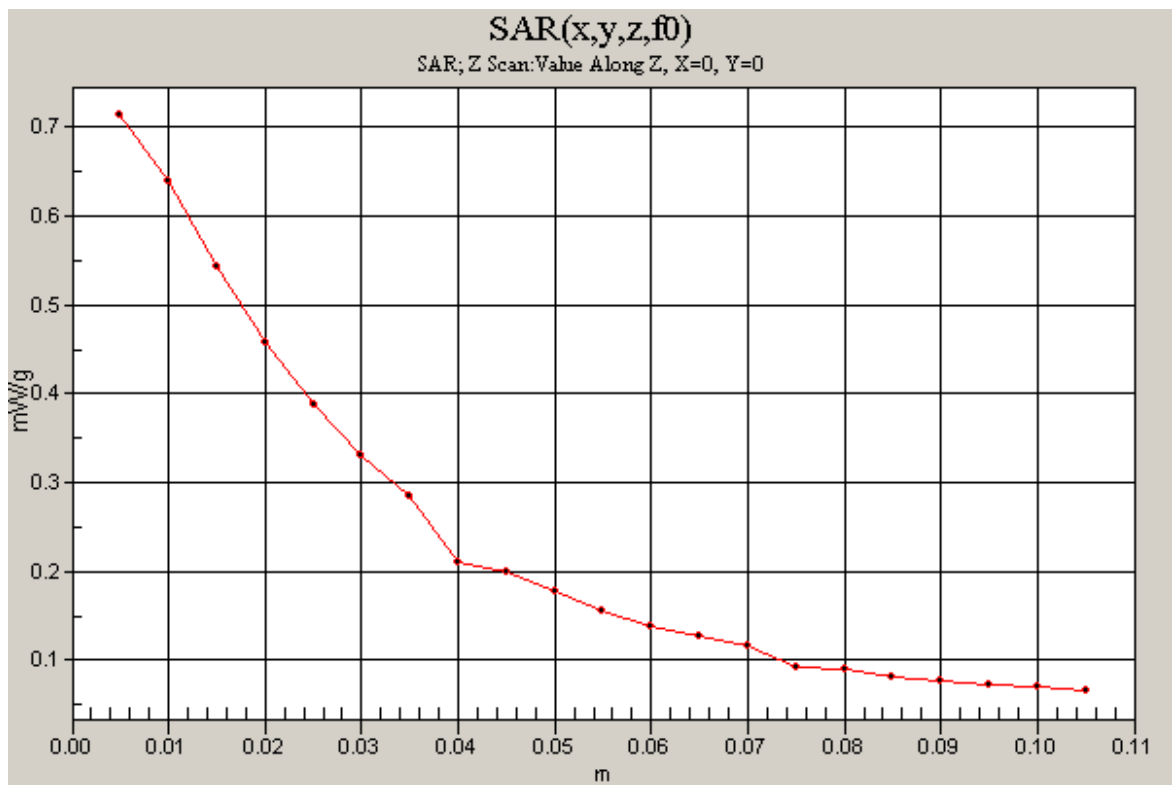
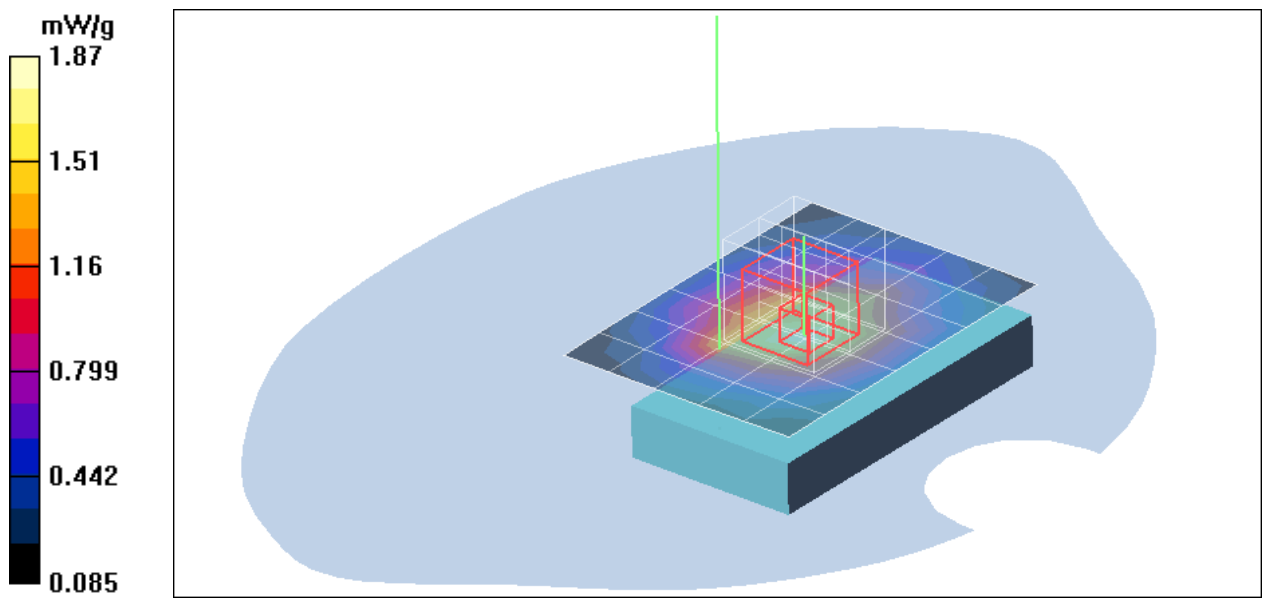
**SAR(1 g) = 1.530 mW/g; SAR(10 g) = 1.26 mW/g**

Maximum value of SAR (measured) = 1.59 mW/g

**GPRS Body Back High CH251/Z Scan (1x1x21):** Measurement grid:

$dx=20$ mm,  $dy=20$ mm,  $dz=5$ mm

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



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11b+Bt+GPRS Body Back High CH251/Area**

**Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.61 mW/g

### **co-Location 802.11b+Bt+GPRS Body Back High CH251/Zoom**

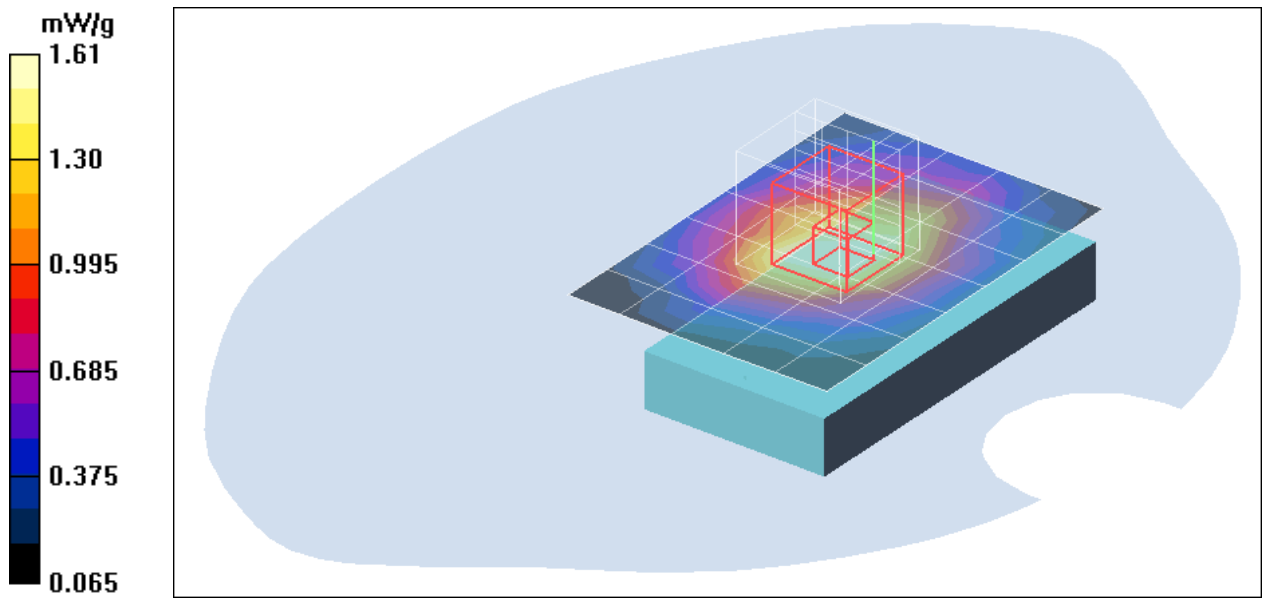
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.4 V/m; Power Drift = -0.133 dB

Peak SAR (extrapolated) = 1.69 W/kg

**SAR(1 g) = 1.470 mW/g; SAR(10 g) = 1.12 mW/g**

Maximum value of SAR (measured) = 1.58 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: GPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11g+Bt+GPRS Body Back High CH251/Area**

**Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

### **co-Location 802.11g+Bt+GPRS Body Back High CH251/Zoom**

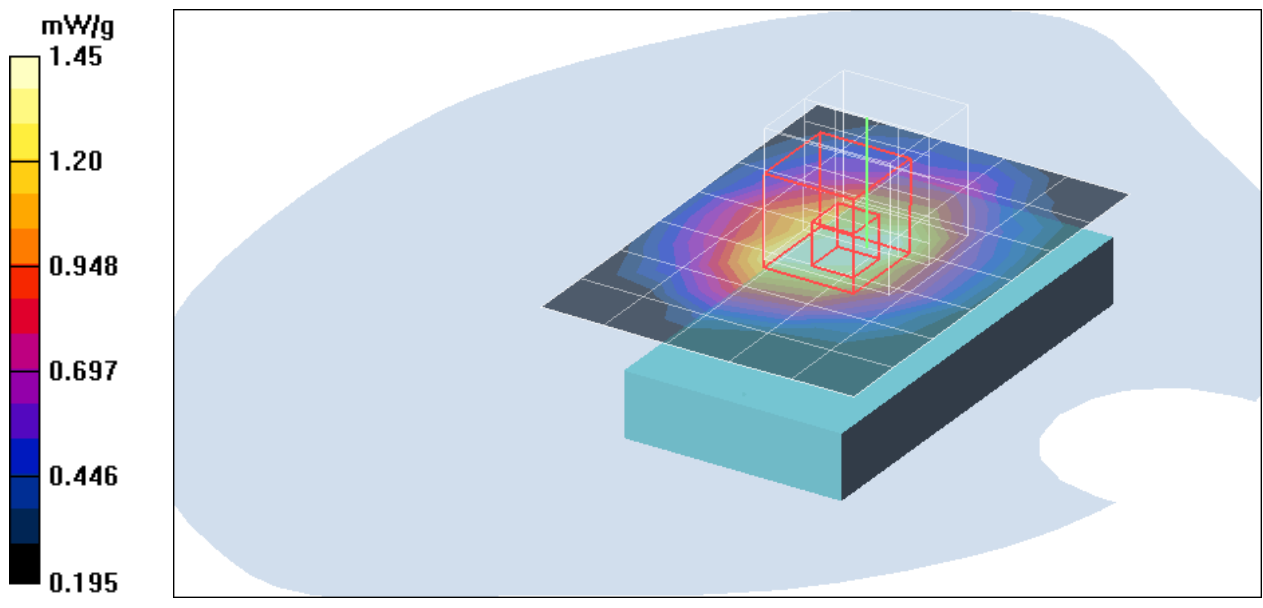
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.5 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 1.320 mW/g; SAR(10 g) = 1 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: EGPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Front Low CH128/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.059 mW/g

**EGPRS Body Front Low CH128/Zoom Scan (5x5x7)/Cube 0:**

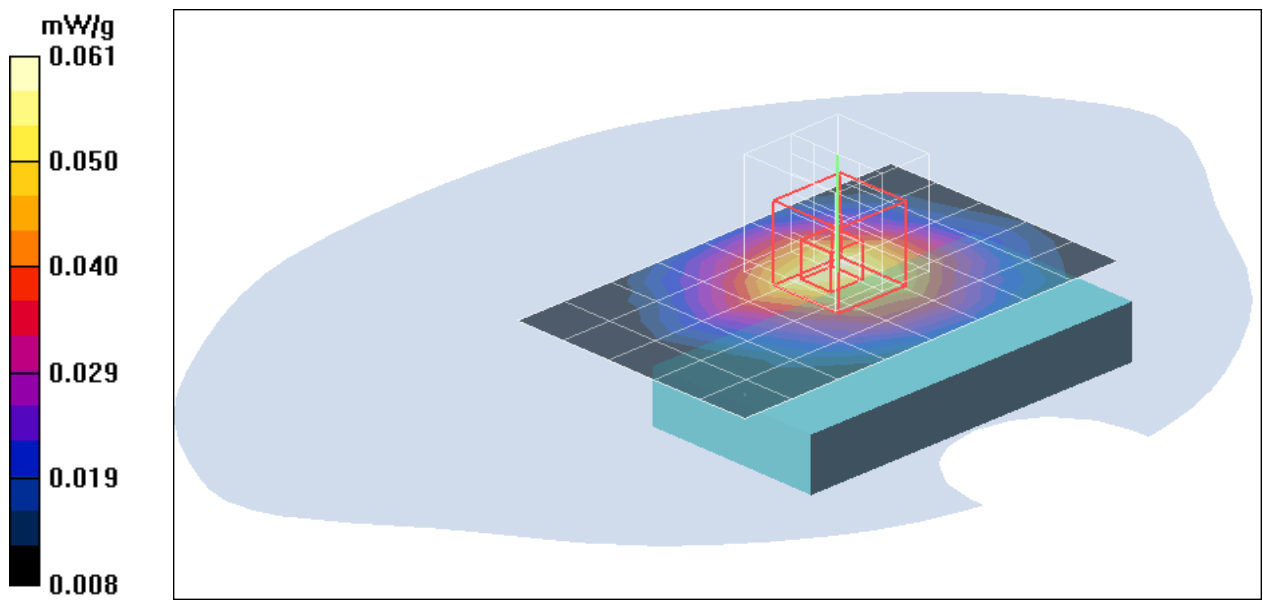
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 5.40 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.064 W/kg

**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.041 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.932$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **EGPRS Body Front Middle CH190/Area Scan (6x8x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.106 mW/g

### **EGPRS Body Front Middle CH190/Zoom Scan (5x5x7)/Cube 0:**

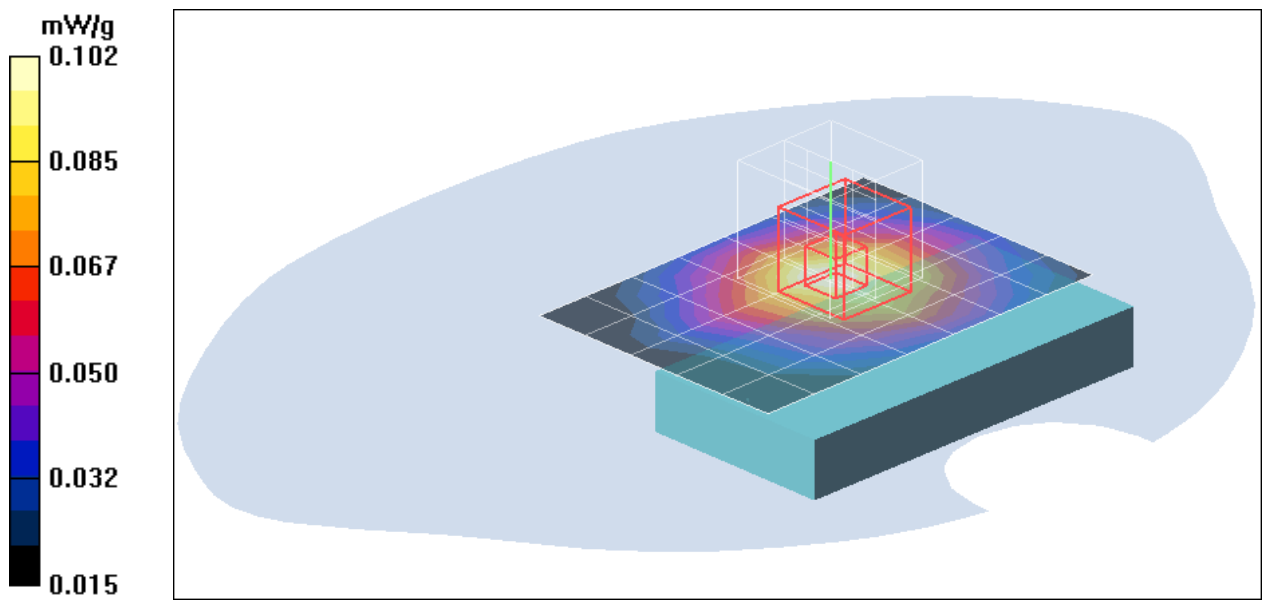
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.102 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: EGPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Front High CH251/Area Scan (6x8x1):** Measurement grid:

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

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

**EGPRS Body Front High CH251/Zoom Scan (5x5x7)/Cube 0:**

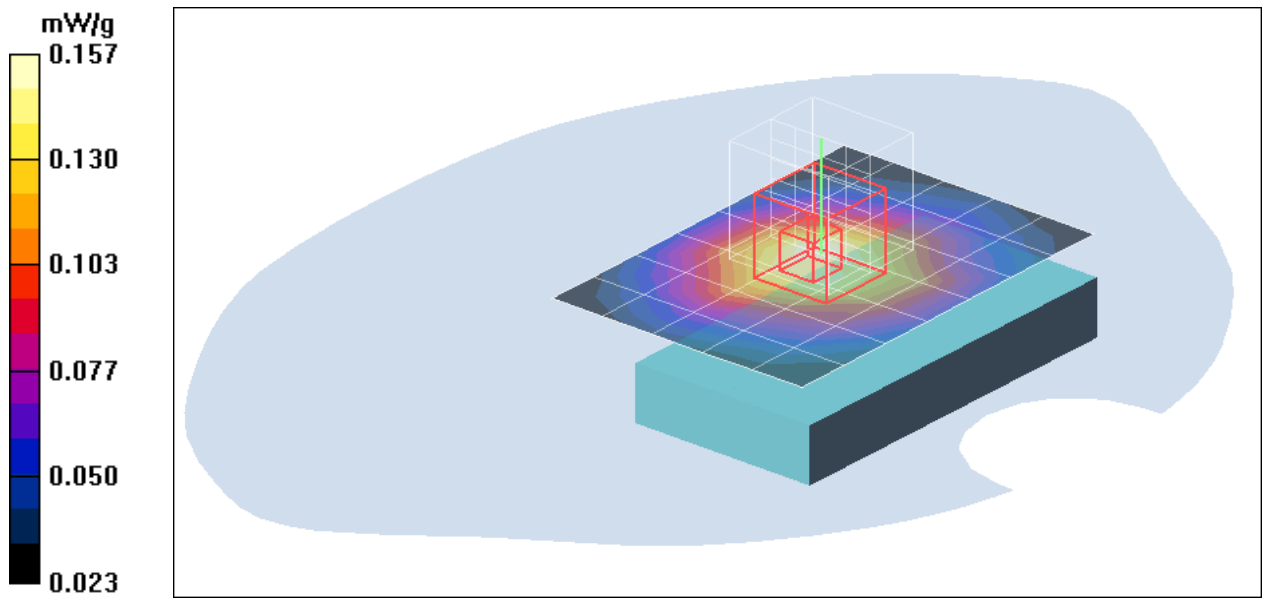
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.90 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.109 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: EGPRS 850; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.921$  mho/m;  $\epsilon_r = 55.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Back Low CH128/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.233 mW/g

**EGPRS Body Back Low CH128/Zoom Scan (5x5x7)/Cube 0:**

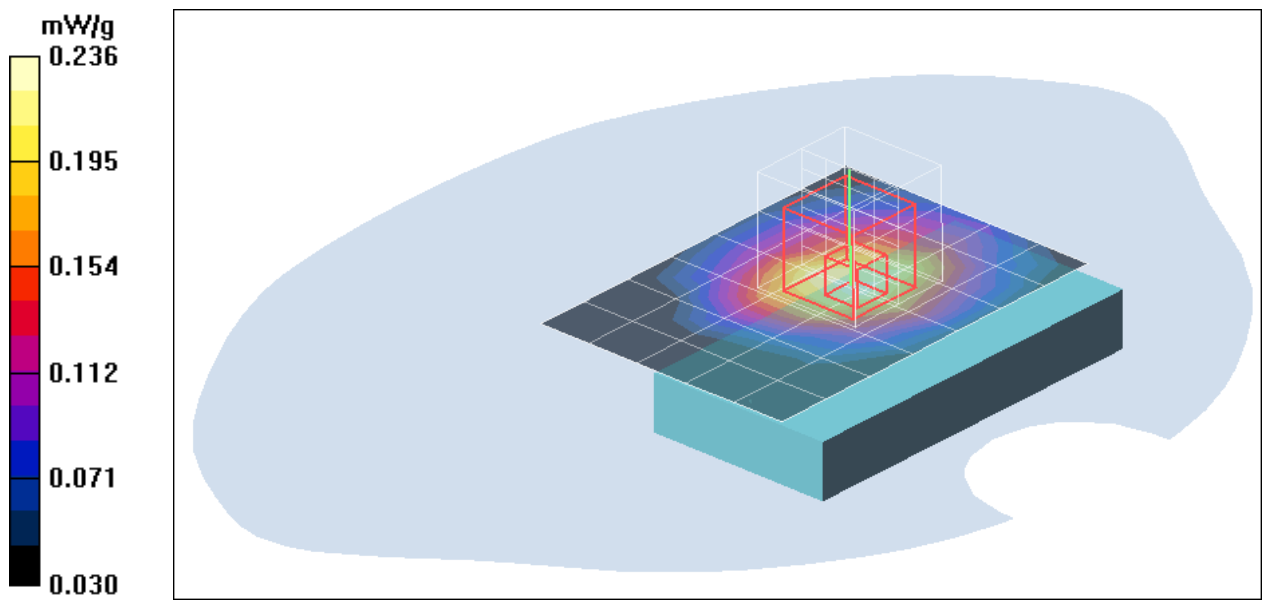
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.85 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.158 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.932$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **EGPRS Body Back Middle CH190/Area Scan (6x8x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.353 mW/g

### **EGPRS Body Back Middle CH190/Zoom Scan (5x5x7)/Cube 0:**

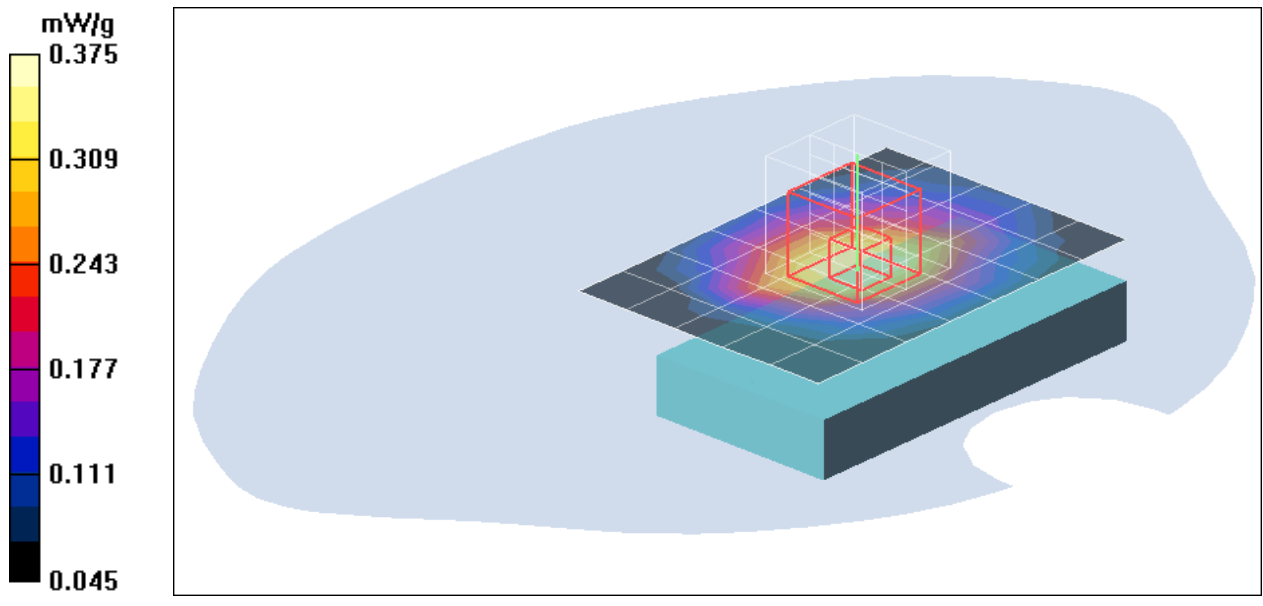
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.255 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: EGPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Back High CH251/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.497 mW/g

**EGPRS Body Back High CH251/Zoom Scan (5x5x7)/Cube 0:**

Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 13.3 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.608 W/kg

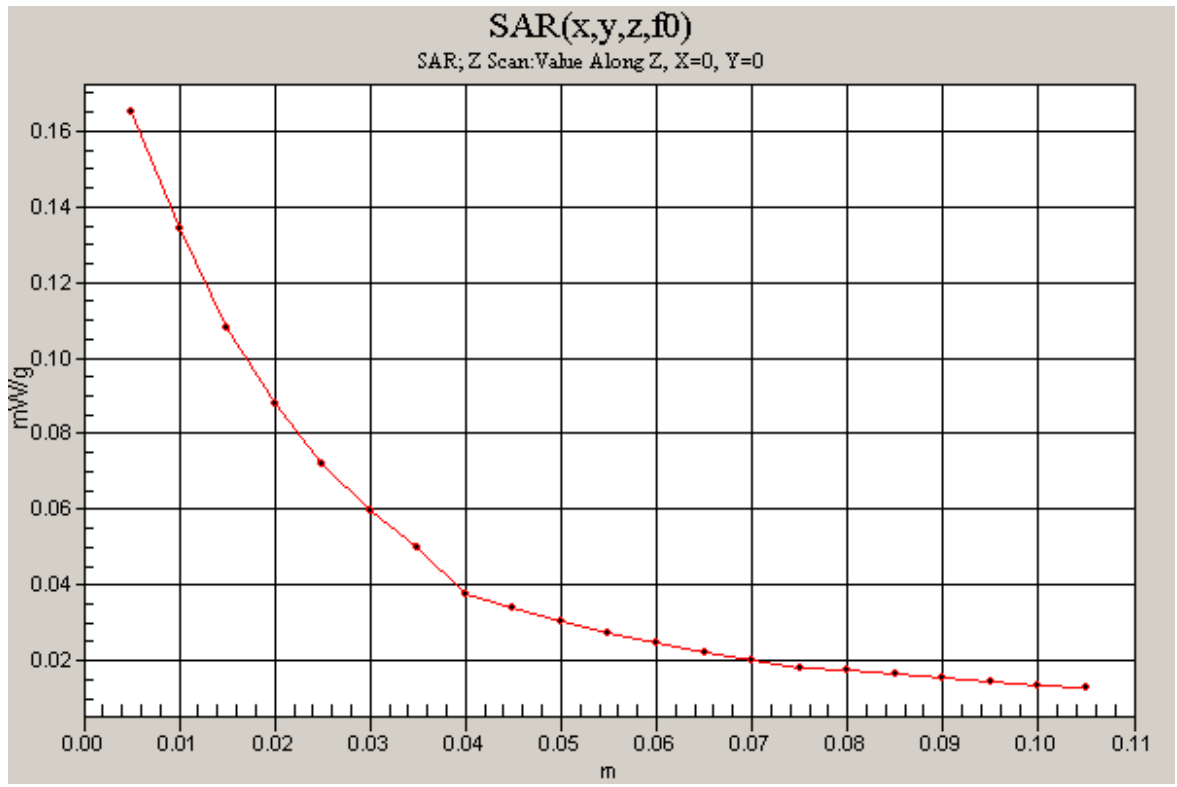
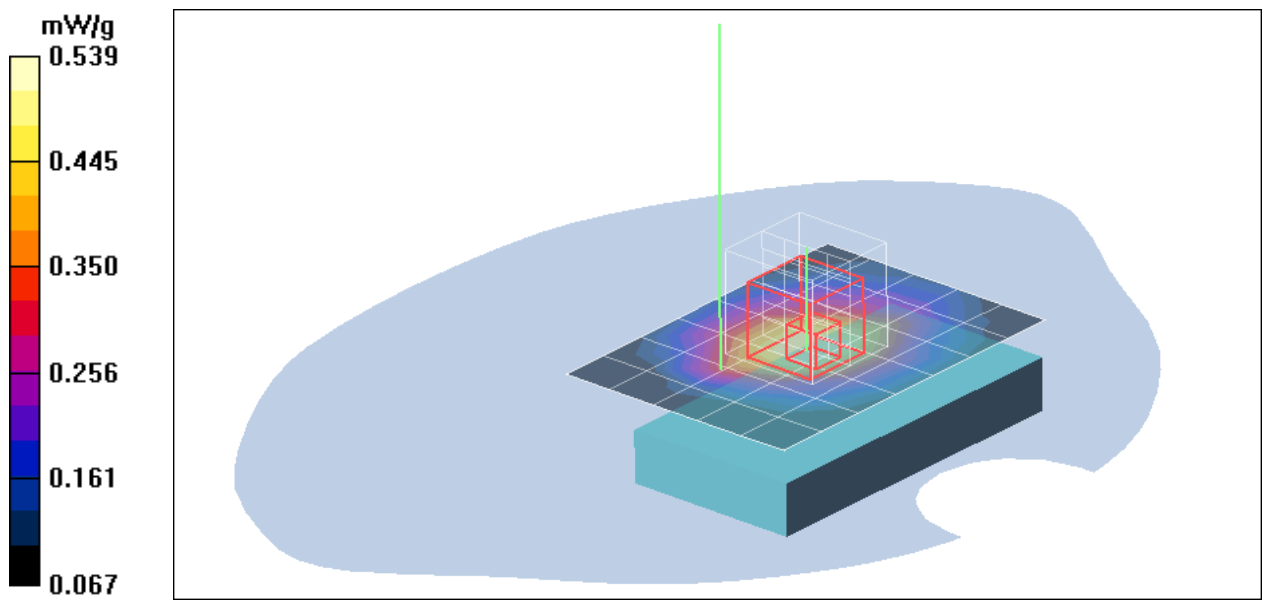
**SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.366 mW/g**

Maximum value of SAR (measured) = 0.539 mW/g

**EGPRS Body Back High CH251/Z Scan (1x1x21):** Measurement grid:

$dx=20$ mm,  $dy=20$ mm,  $dz=5$ mm

Maximum value of SAR (measured) = 0.165 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: EGPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11b+Bt+EGPRS Body Back High CH251/Area**

**Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.551 mW/g

### **co-Location 802.11b+Bt+EGPRS Body Back High CH251/Zoom**

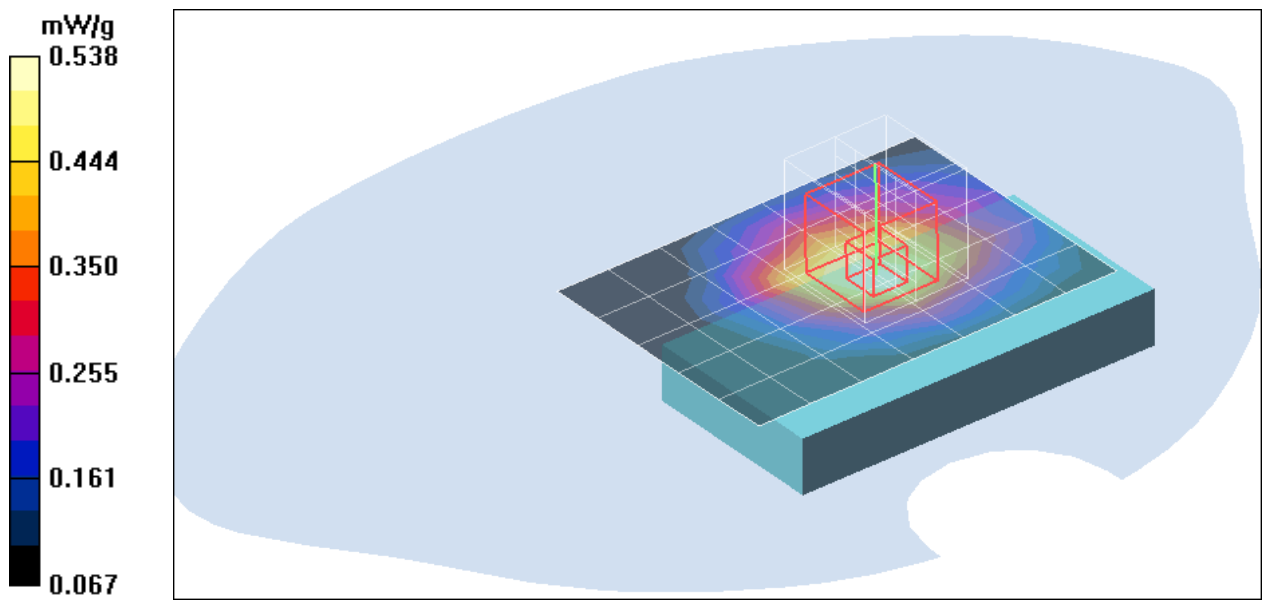
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.569 W/kg

**SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.361 mW/g**

Maximum value of SAR (measured) = 0.538 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 835-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

Communication System: EGPRS 850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.943$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 25.6 deg C; Liquid Temperature: 24.6 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.96, 10.96, 10.96);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11g+Bt+EGPRS Body Back High CH251/Area**

**Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.512 mW/g

### **co-Location 802.11g+Bt+EGPRS Body Back High CH251/Zoom**

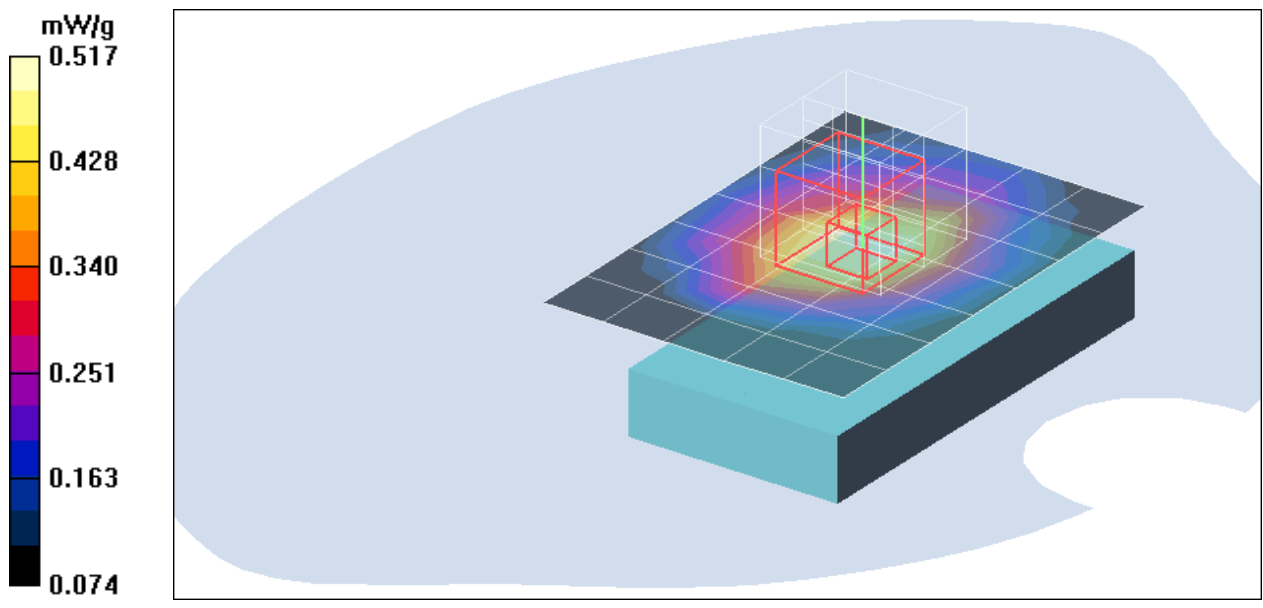
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.554 W/kg

**SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.357 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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

Phantom section: Flat Section

Air Temperature: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Front Low CH512/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.100 mW/g

**EGPRS Body Front Low CH512/Zoom Scan (5x5x7)/Cube 0:**

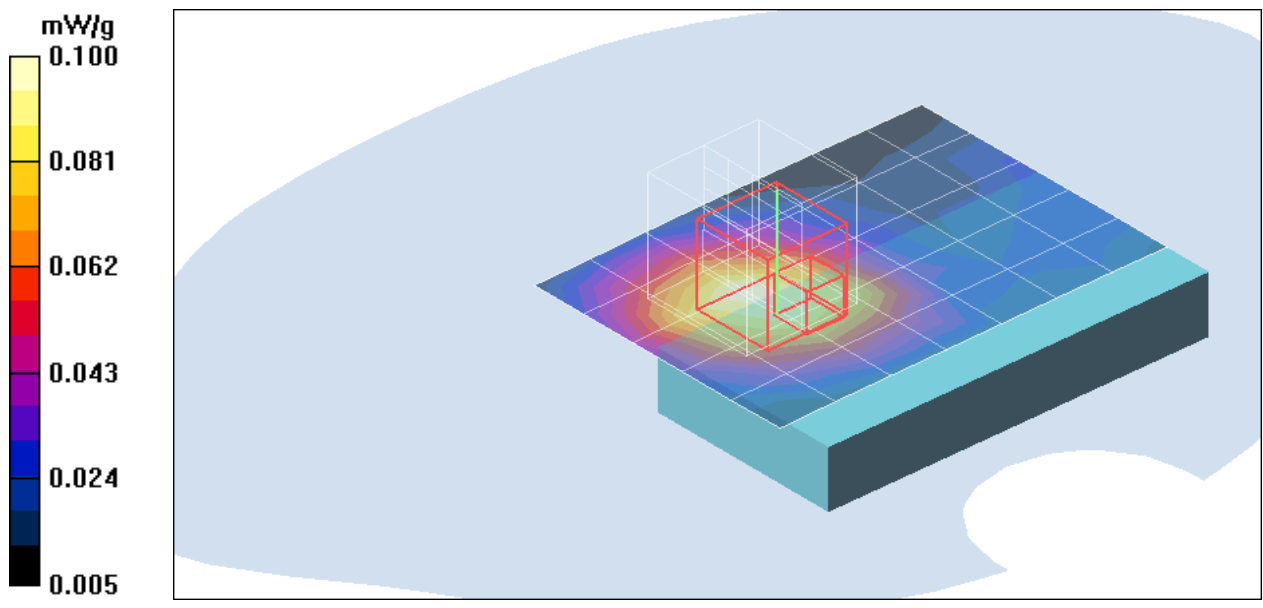
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.01 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.093 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **EGPRS Body Front Middle CH661/Area Scan (6x8x1):** Measurement

grid: dx=15mm, dy=15mm

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

### **EGPRS Body Front Middle CH661/Zoom Scan (5x5x7)/Cube 0:**

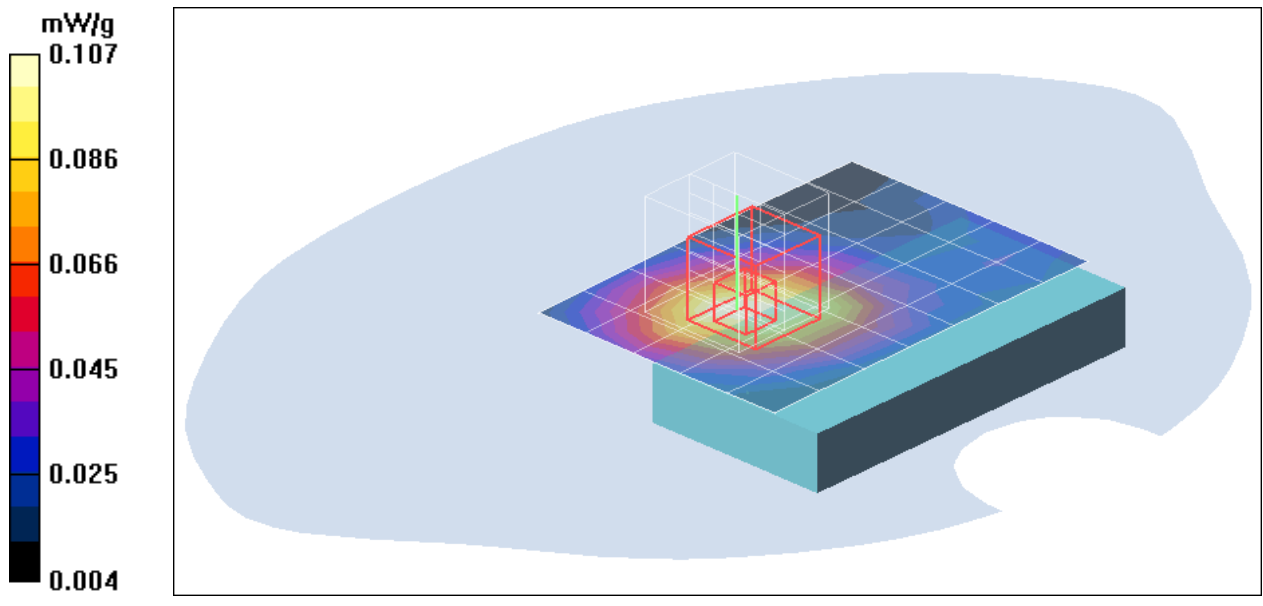
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.25 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.119 W/kg

**SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.061 mW/g**

Maximum value of SAR (measured) = 0.107 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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

Phantom section: Flat Section

Air Temperature: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Front High CH810/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.121 mW/g

**EGPRS Body Front High CH810/Zoom Scan (5x5x7)/Cube 0:**

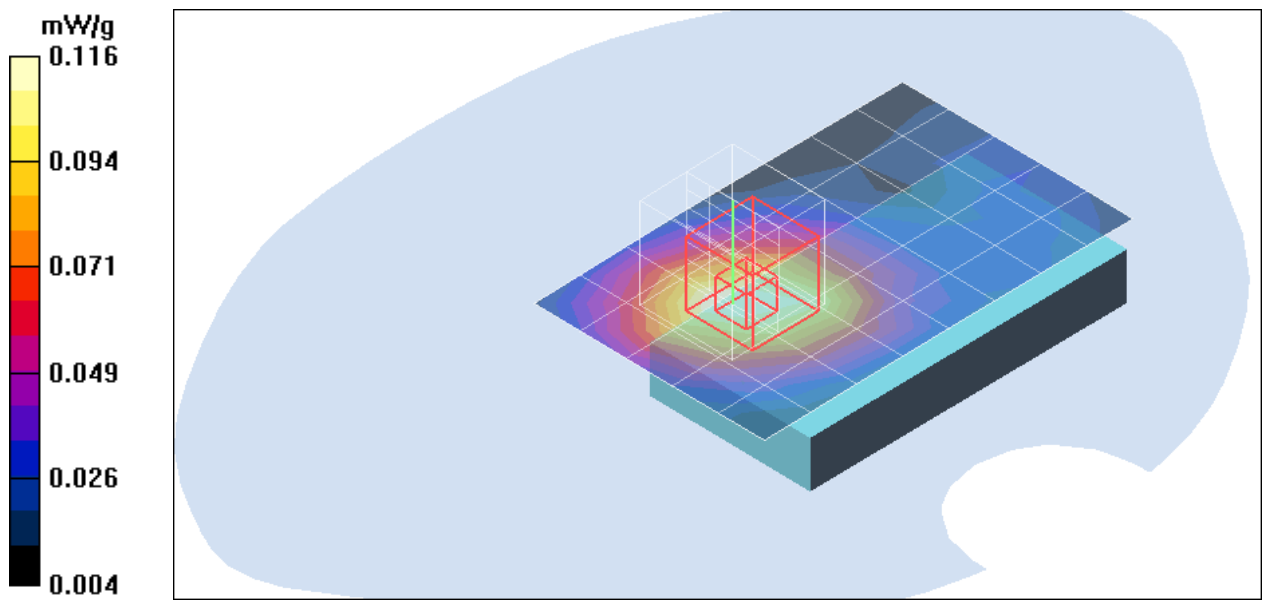
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.38 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.116 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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

Phantom section: Flat Section

Air Temperature: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Back Low CH512/Area Scan (6x9x1):** Measurement grid:

dx=15mm, dy=15mm

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

**EGPRS Body Back Low CH512/Zoom Scan (5x5x7)/Cube 0:**

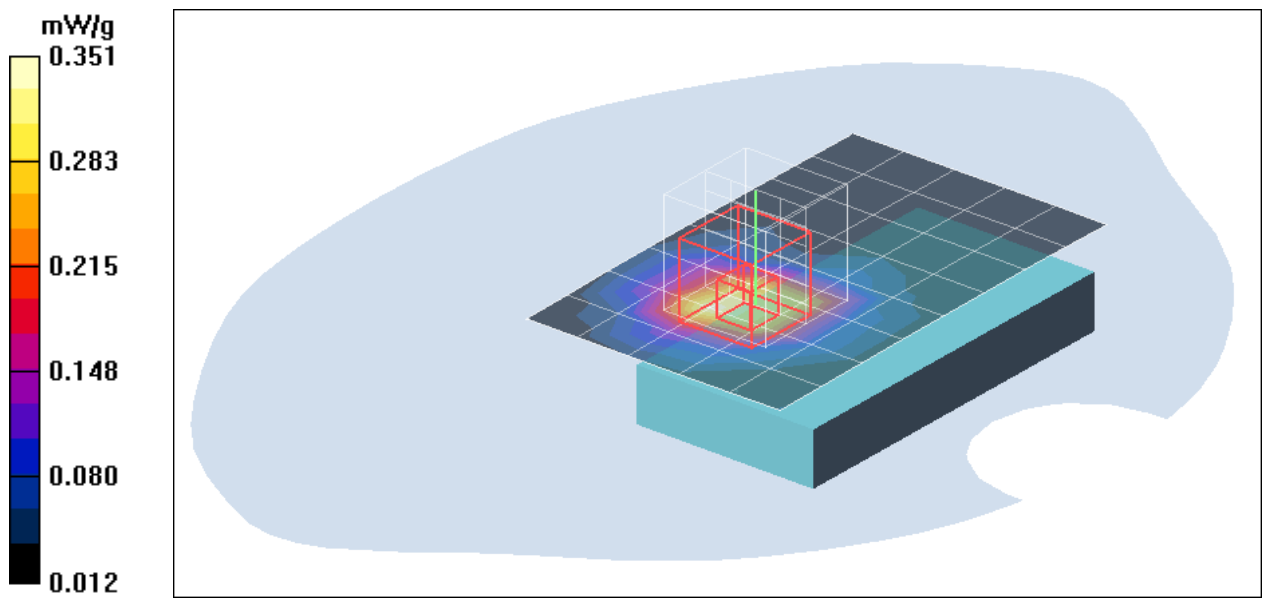
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.1 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.399 W/kg

**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.351 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **EGPRS Body Back Middle CH661/Area Scan (6x8x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.407 mW/g

### **EGPRS Body Back Middle CH661/Zoom Scan (5x5x7)/Cube 0:**

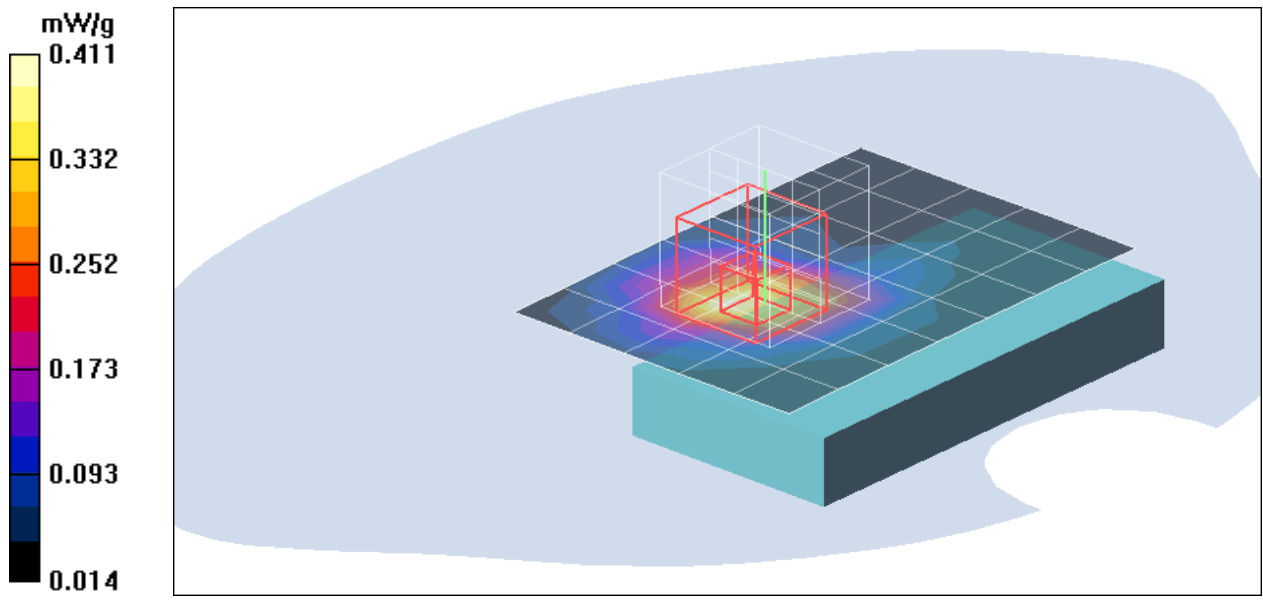
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.476 W/kg

**SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.411 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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

Phantom section: Flat Section

Air Temperature: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**EGPRS Body Back High CH810/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.394 mW/g

**EGPRS Body Back High CH810/Zoom Scan (5x5x7)/Cube 0:**

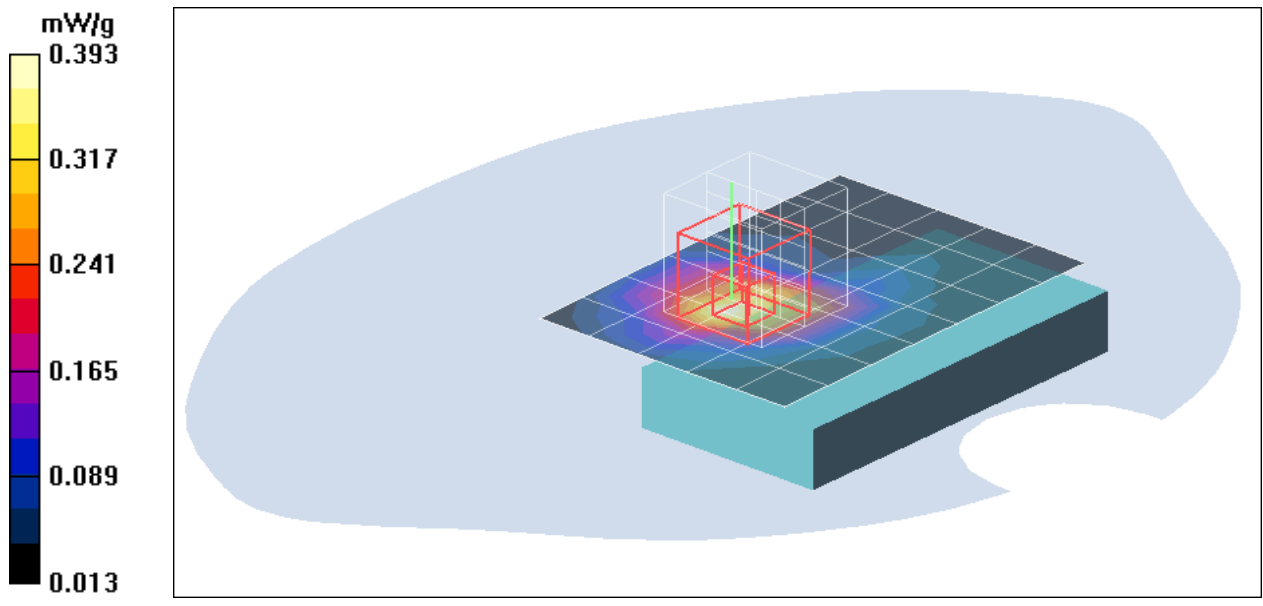
Measurement grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 15.2 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.393 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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

Phantom section: Flat Section

Air Temperature: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11b+EGPRS Body Back High CH810/Area Scan**

**(6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.364 mW/g

### **co-Location 802.11b+EGPRS Body Back High CH810/Zoom**

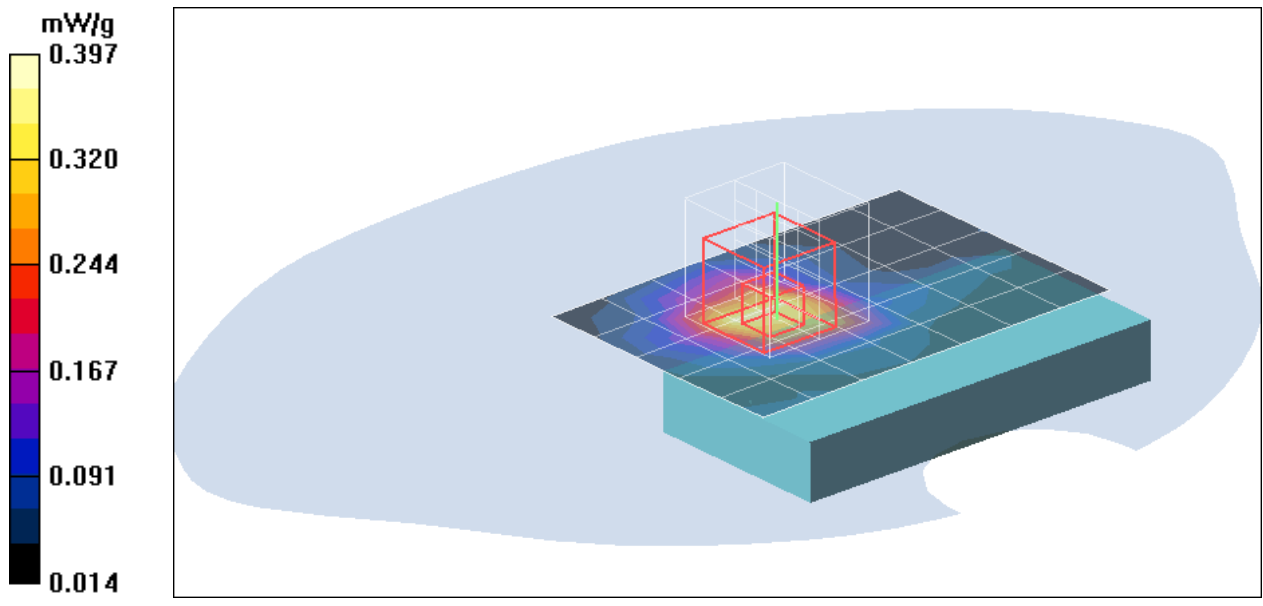
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.397 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS1900-Body PHOE100**

**DUT: PHOE100; Type: PHOE100; Serial: N/A**

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

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

Phantom section: Flat Section

Air Temperature: 25.8 deg C; Liquid Temperature: 24.8 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.43, 8.43, 8.43);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location 802.11g+EGPRS Body Back High CH810/Area Scan**

**(6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

### **co-Location 802.11g+EGPRS Body Back High CH810/Zoom**

**Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.8 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.400 mW/g

### **co-Location 802.11g+EGPRS Body Back High CH810/Z Scan**

**(1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.229 mW/g

