



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527C_POD 1_B2

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.26, 5.26, 5.26); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.505 mW/g

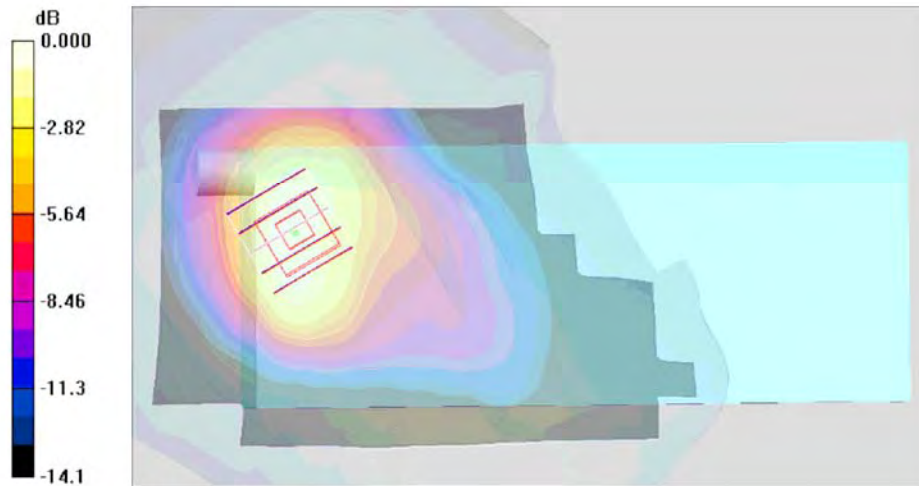
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.123 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.482 mW/g



0 dB = 0.482mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527C_POD 2_B2

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.26, 5.26, 5.26); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.498 mW/g

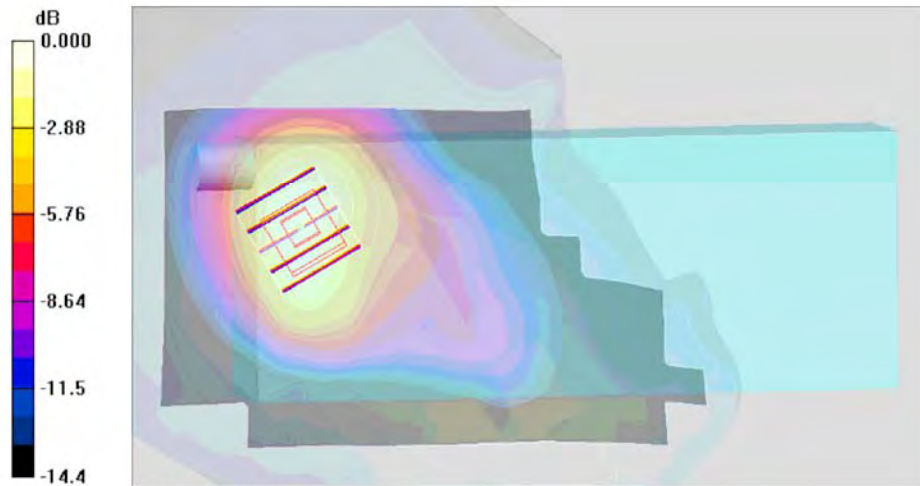
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.8 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 0.496 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527C_POD 3_B2

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.9 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.26, 5.26, 5.26); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

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

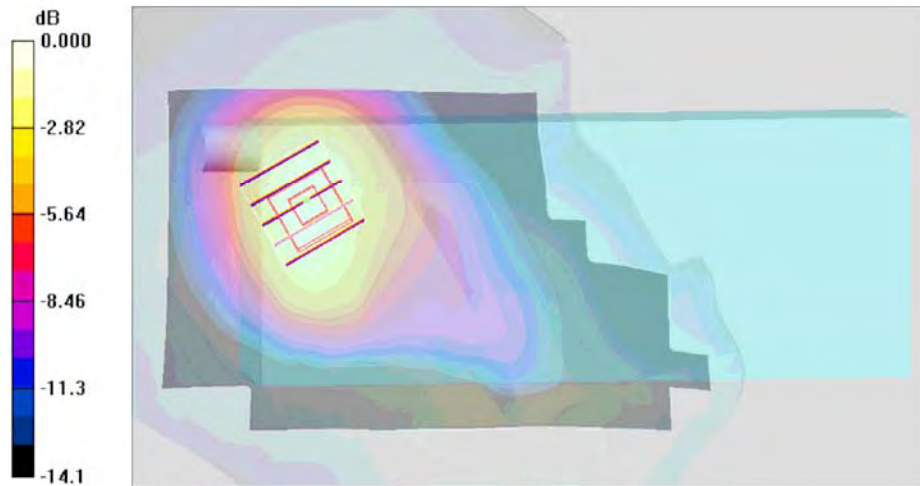
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527C_POD 3_B3

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

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

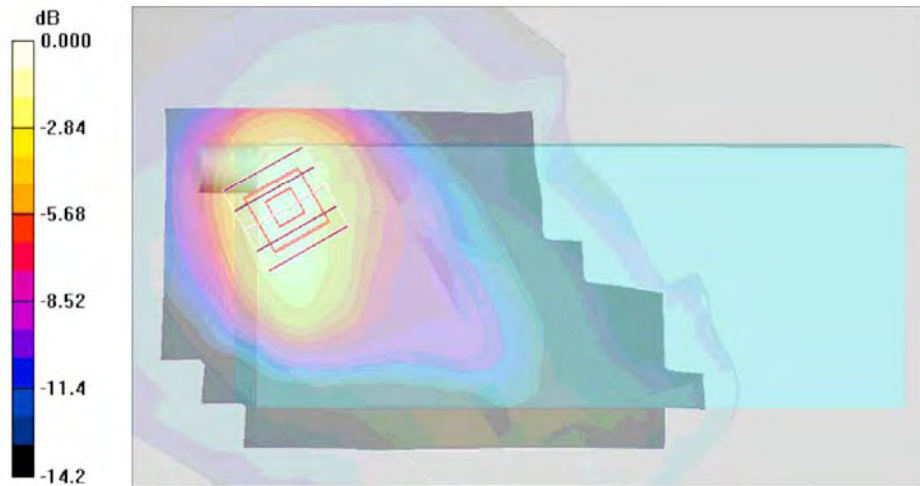
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527C_POD 4_B2

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.26, 5.26, 5.26); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.479 mW/g

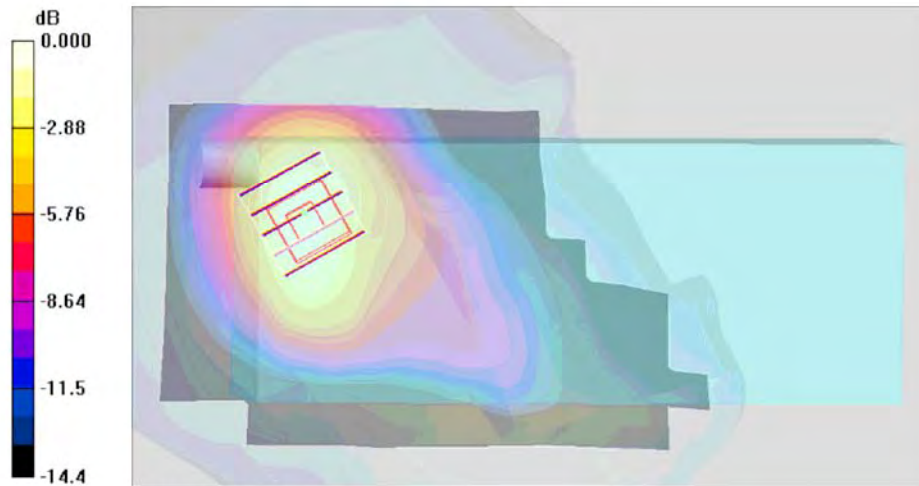
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.668 W/kg

SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.475 mW/g



0 dB = 0.475mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527C_POD 6_B2

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.26, 5.26, 5.26); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.487 mW/g

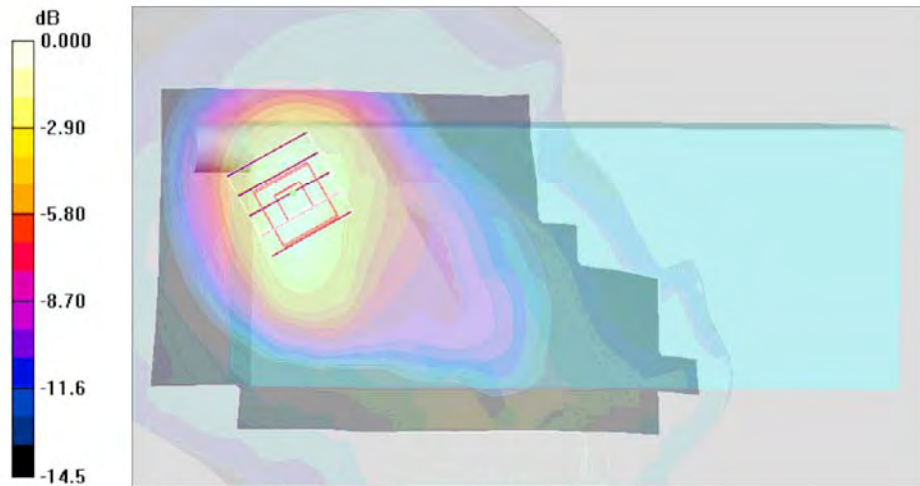
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 0.478 mW/g



0 dB = 0.478mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/4

Left Tilted_PCS Ch512_7527S_POD 3_B2

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3
Medium: HSL_1900 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.1 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.26, 5.26, 5.26); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch512/Area Scan (81x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.311 mW/g

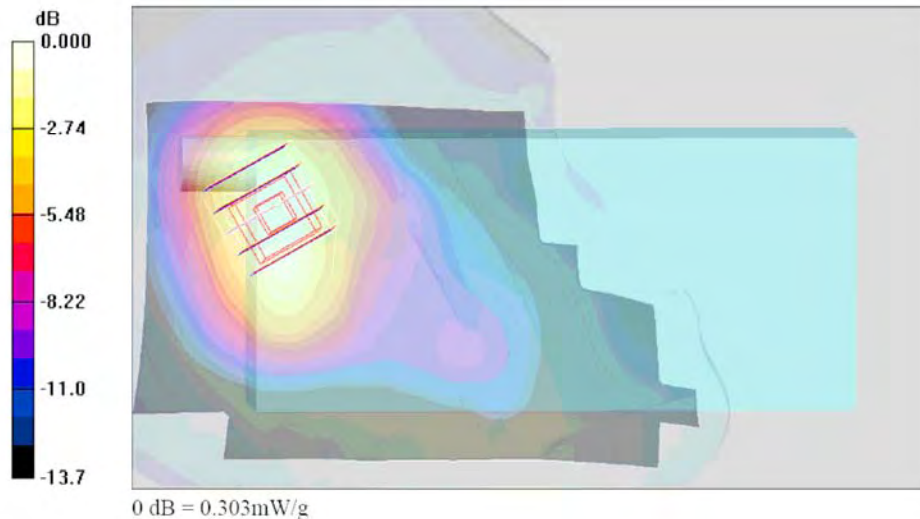
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.434 W/kg

SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.172 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 10:50:02 AM

Left Tilted_GSM850 Ch251_20070204_Bluetooth On_PC528

DUT: 710211

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_850 Medium parameters used: $f = 849$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch251/Area Scan (71x181x1): Measurement grid: dx=15mm, dy=15mm

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

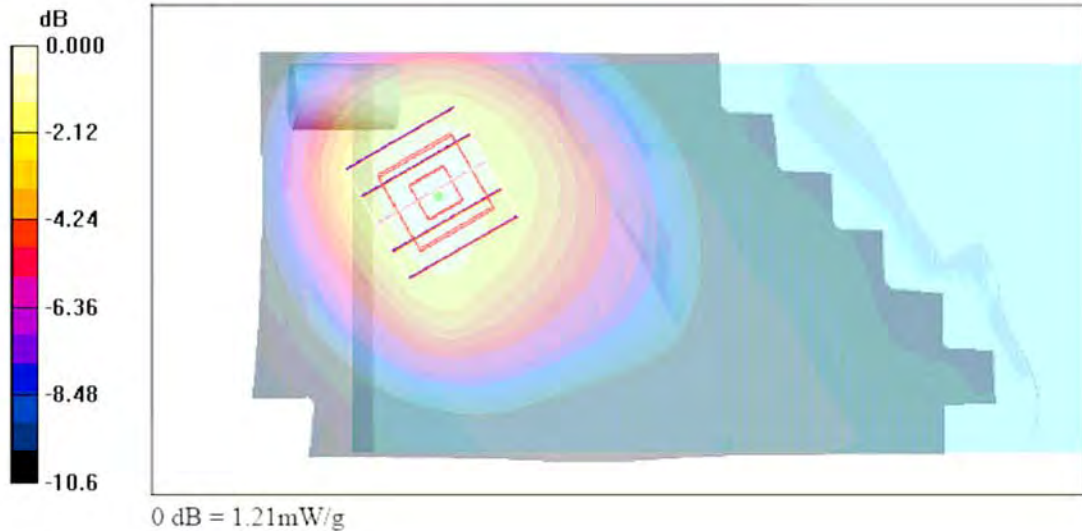
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.1 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.759 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 2:14:32 PM

Left Tilted_PCS Ch512_20070204_Bluetooth On_PC528

DUT: 710211

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch512/Area Scan (71x181x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.619 mW/g

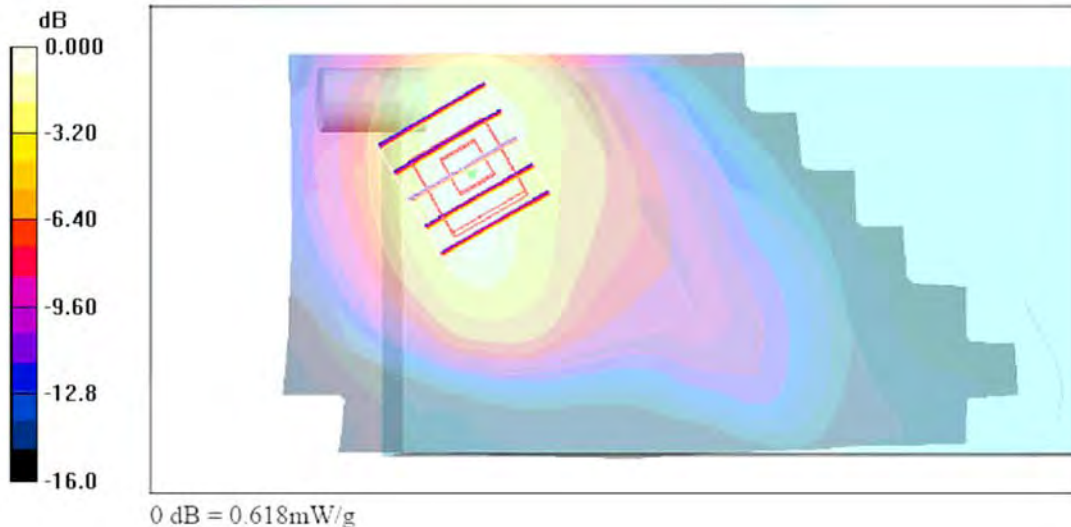
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.322 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 11:20:15 AM

Left Tilted_GSM850 Ch251_20070204_Bluetooth On_PC529

DUT: 710211

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_850 Medium parameters used: $f = 849$ MHz; $\sigma = 0.912$ mho/m; $\epsilon_r = 42.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 20.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.6, 6.6, 6.6); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch251/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.25 mW/g

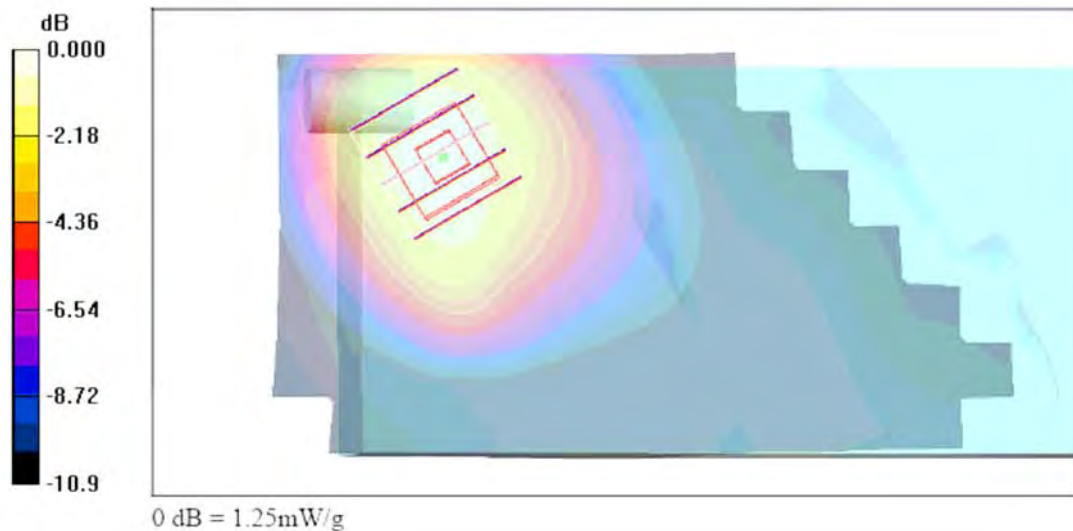
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.3 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.775 mW/g

Maximum value of SAR (measured) = 1.25 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 2:42:50 PM

Left Tilted_PCS Ch512_20070204_Bluetooth On_PC529

DUT: 710211

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 20.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.3, 5.3, 5.3); Calibrated: 9/19/2006

- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 11/21/2006

- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch512/Area Scan (71x161x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.696 mW/g

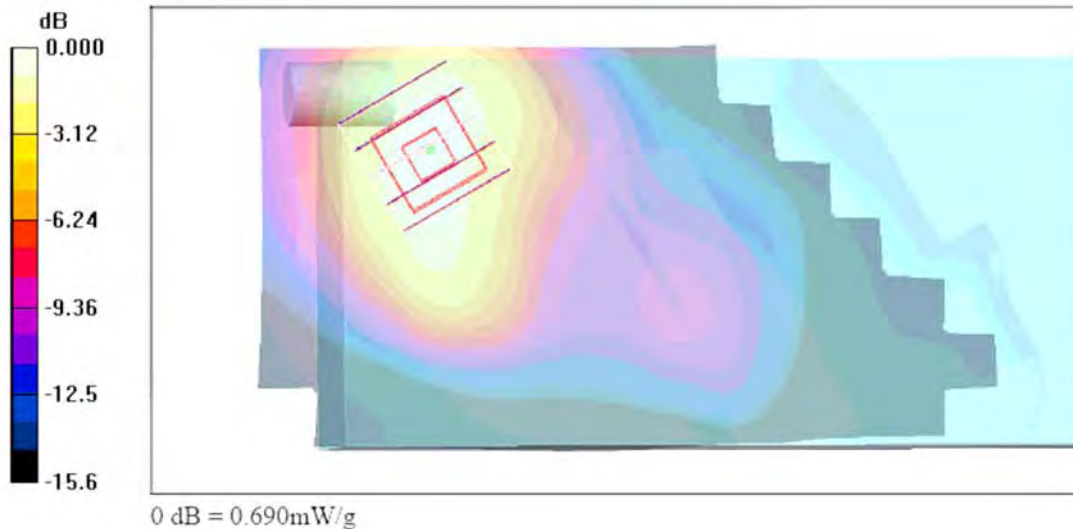
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 0.690 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 3:57:03 PM

Body_GSM850 Ch189_Keypad Up with 1.5cm Gap_20070204_GPRS8_PC528

DUT: 710211

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch189/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.286 mW/g

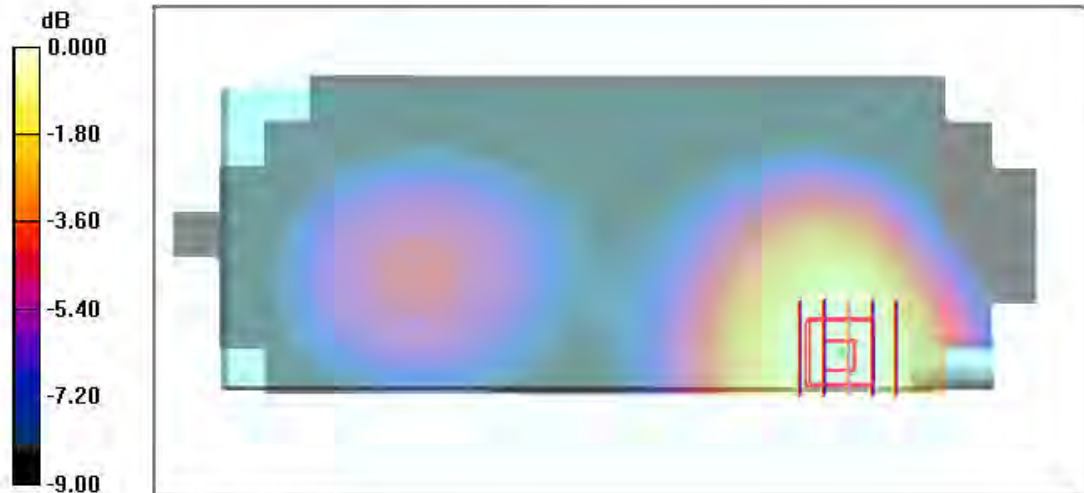
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.93 V/m; Power Drift = -0.099 dB

Peak SAR (extrapolated) = 0.346 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.195 mW/g

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



0 dB = 0.282mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 6:57:18 PM

Body_GSM850 Ch251_Keypad Up with 1.5cm Gap_20070204_GPRS10_PC528

DUT: 710211

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used: $f = 849$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006

- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 11/21/2006

- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch251/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

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

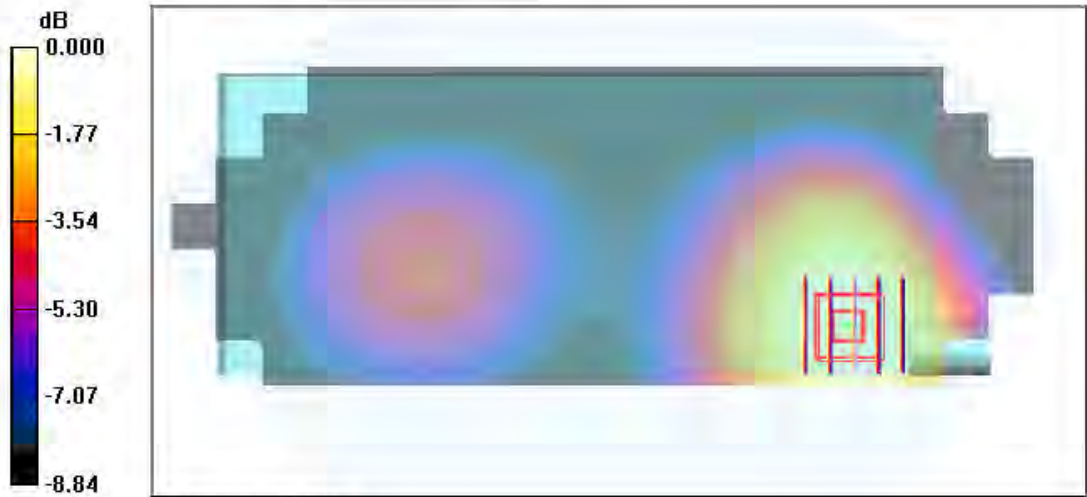
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.85 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.309 mW/g

Maximum value of SAR (measured) = 0.447 mW/g



0 dB = 0.447mW/g



Test Laboratory: Sporton International Inc, SAR Testing Lab

Date/Time: 2/4/2007 4:44:55 PM

Body_GSM850 Ch189_Keypad Up with 1.5cm Gap_20070204_GPRS12_PC528

DUT: 710211

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch189/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.314 mW/g

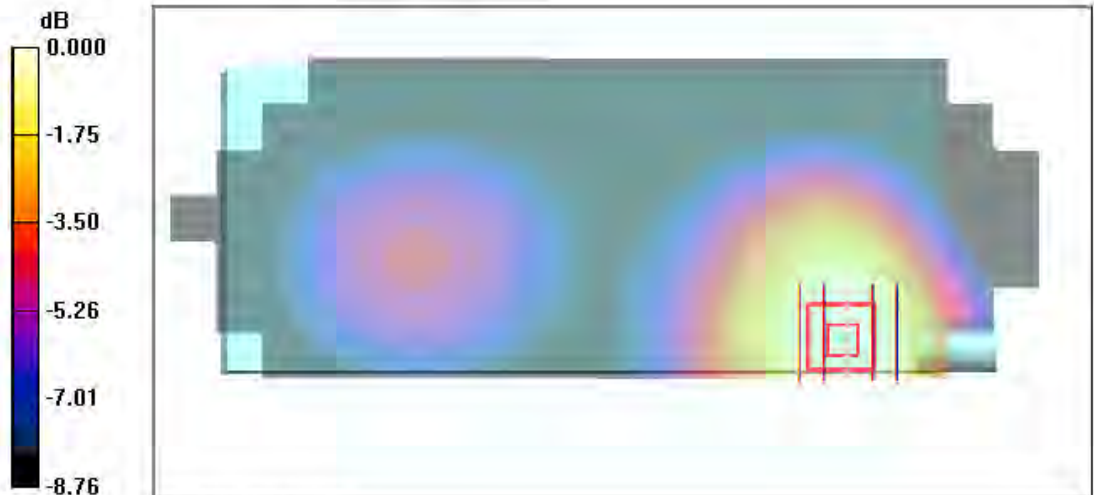
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.40 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.313 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 5:18:16 PM

Body_GSM850 Ch189_Keypad Up with 1.5cm Gap_20070204_EDGES_PC528

DUT: 710211

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006

- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 11/21/2006

- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch189/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

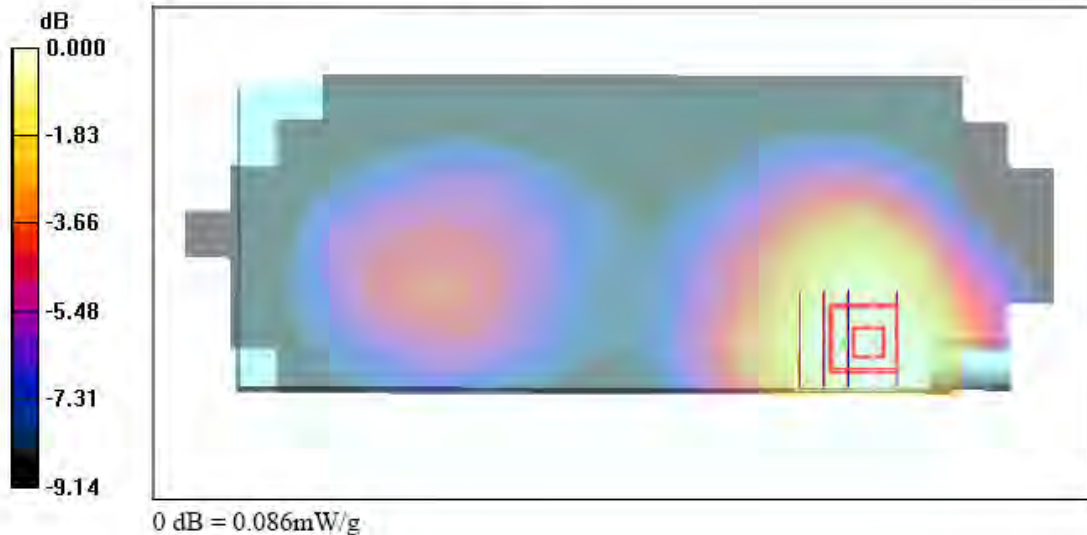
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.79 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.086 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 5:49:37 PM

Body_GSM850 Ch189_Keypad Up with 1.5cm Gap_20070204_EDGE10_PC528

DUT: 710211

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch189/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.096 mW/g

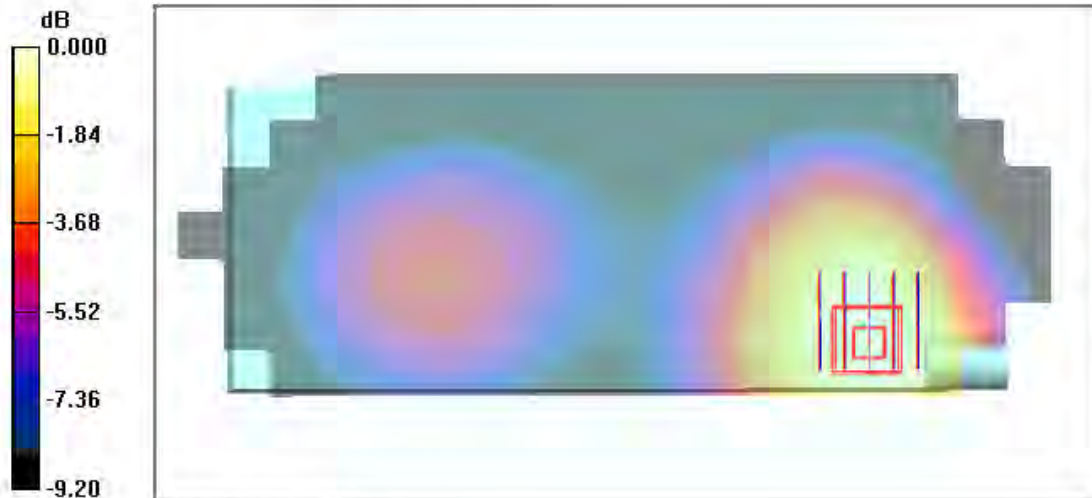
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.23 V/m; Power Drift = -0.172 dB

Peak SAR (extrapolated) = 0.125 W/kg

SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.099 mW/g



0 dB = 0.099mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 6:11:41 PM

Body_GSM850 Ch189_Keypad Up with 1.5cm Gap_20070204_EDGE12_PC528

DUT: 710211

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006

- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 11/21/2006

- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch189/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

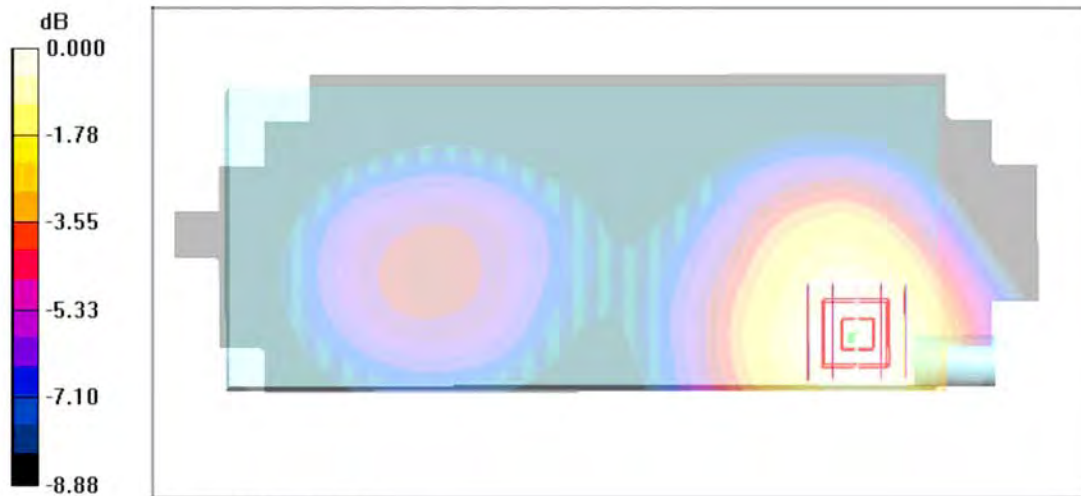
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.49 V/m; Power Drift = -0.132 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 11:57:01 AM

Body_PCS Ch661_Keypad Up with 1.5cm Gap_20070205_GPRS8_PC528

DUT: 710211

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch661/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

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

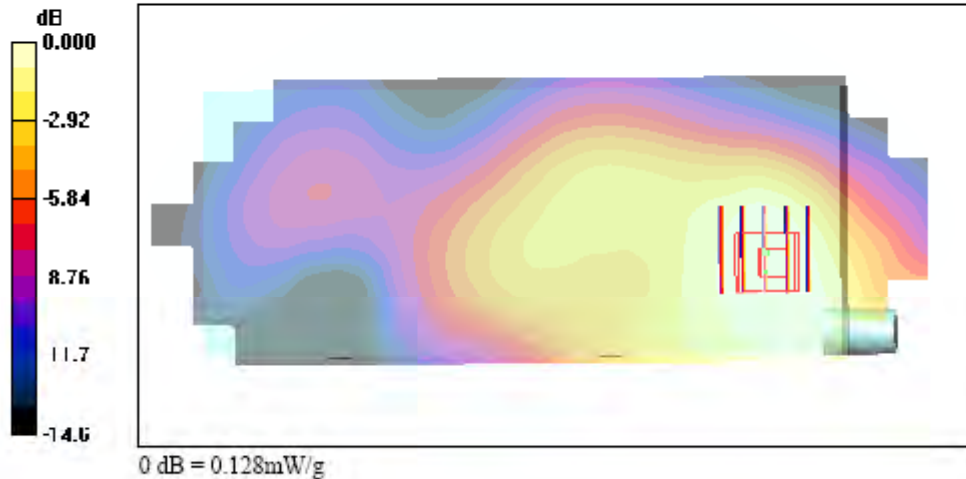
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.23 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.128 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 5:31:33 PM

Body_PCS Ch512_Keypad Up with 1.5cm Gap_20070205_GPRS10_PC528

DUT: 710211

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

Medium: MSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch512/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.173 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.172 mW/g

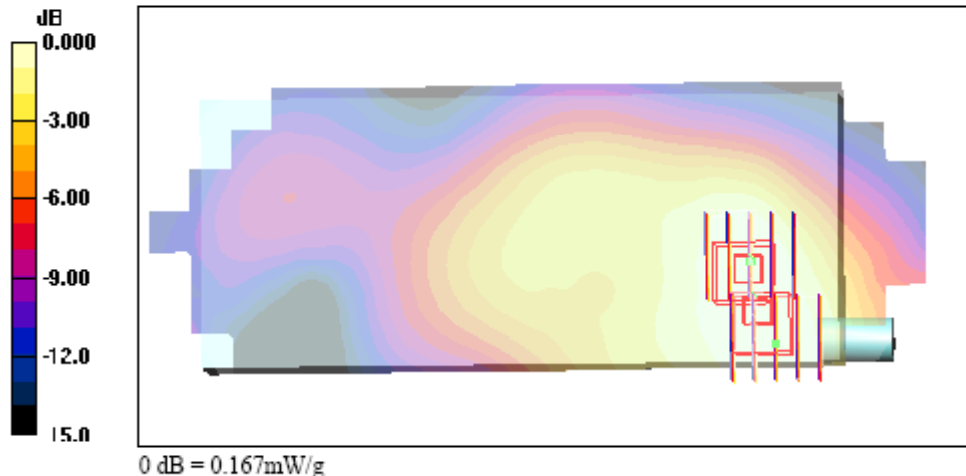
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.230 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.101 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 1:27:57 PM

Body_PCS Ch661_Keypad Up with 1.5cm Gap_20070205_GPRS12_PC528

DUT: 710211

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch661/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

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

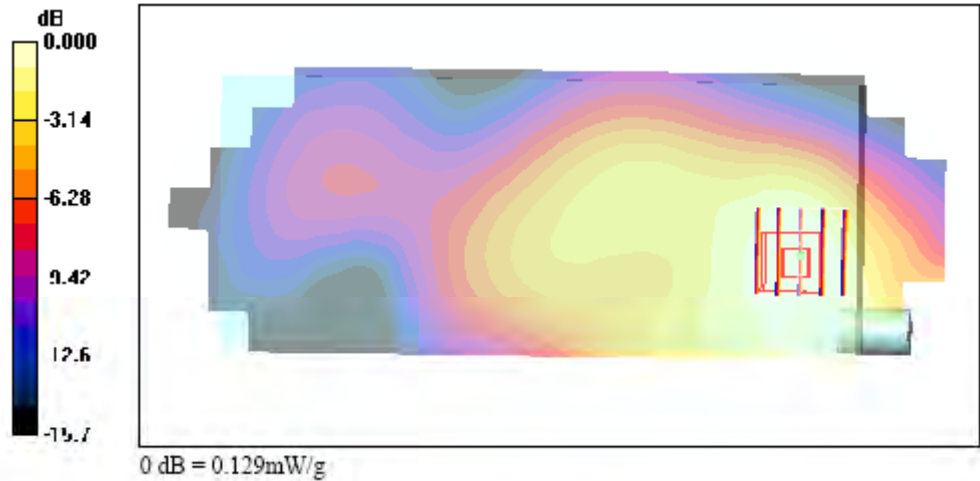
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.00 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.176 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.079 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 3:37:01 PM

Body_PCS Ch661_Keypad Up with 1.5cm Gap_20070205_EDGE8_PC528

DUT: 710211

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch661/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.039 mW/g

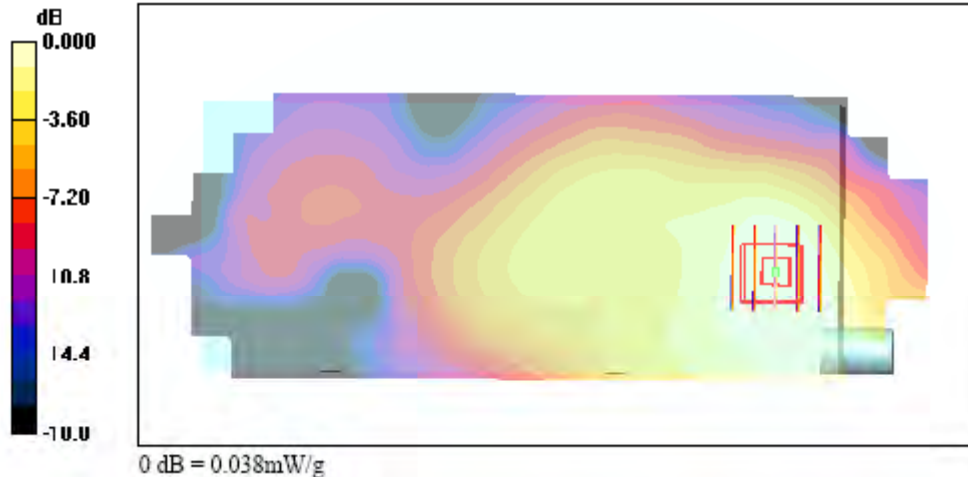
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.80 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.052 W/kg

SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.038 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 3:03:49 PM

Body_PCS Ch661_Keypad Up with 1.5cm Gap_20070205_EDGE10_PC528

DUT: 710211

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

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch661/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.046 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.16 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.065 W/kg

SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.047 mW/g

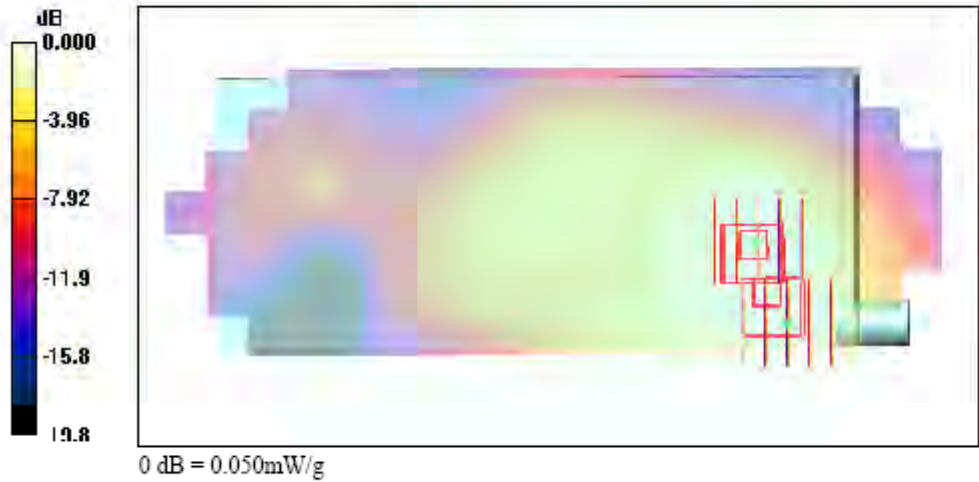
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.16 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.050 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 4:06:24 PM

Body_PCS Ch661_Keypad Up with 1.5cm Gap_20070205_EDGE12_PC528

DUT: 710211

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch661/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.039 mW/g

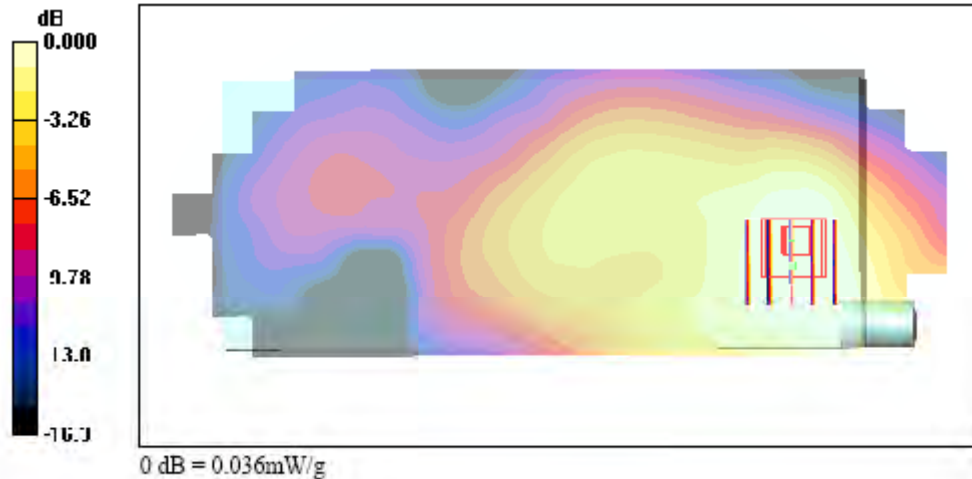
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.74 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.036 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 3:30:58 PM

Body_GSM850 Ch189_Keypad Down with 1.5cm Gap_20070204_GPRS8_PC528

DUT: 710211

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.972$ mho/m; $\epsilon_r = 56.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.1 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch189/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.262 mW/g

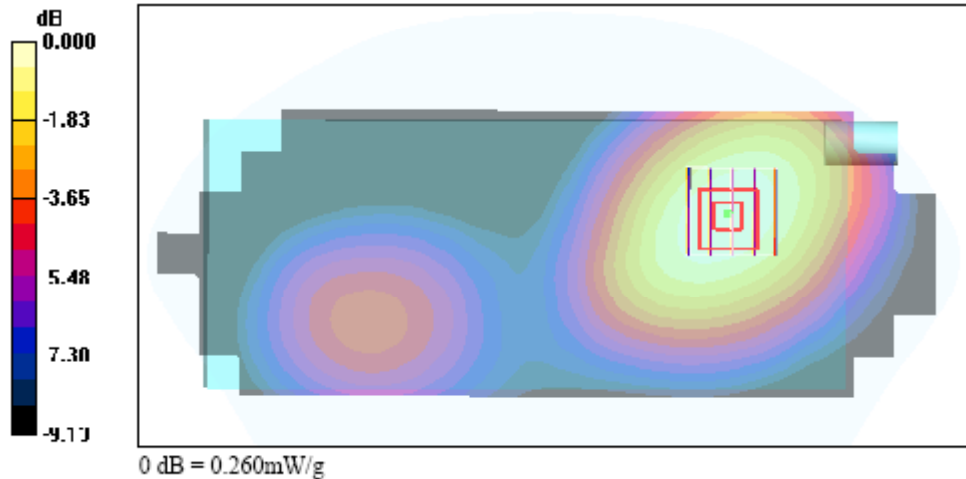
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.69 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.179 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 11:02:10 AM

Body_PCS Ch661_Keypad Down with 1.5cm Gap_20070205_GPRS8_PC528

DUT: 710211

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch661/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.079 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.08 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.118 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.078 mW/g

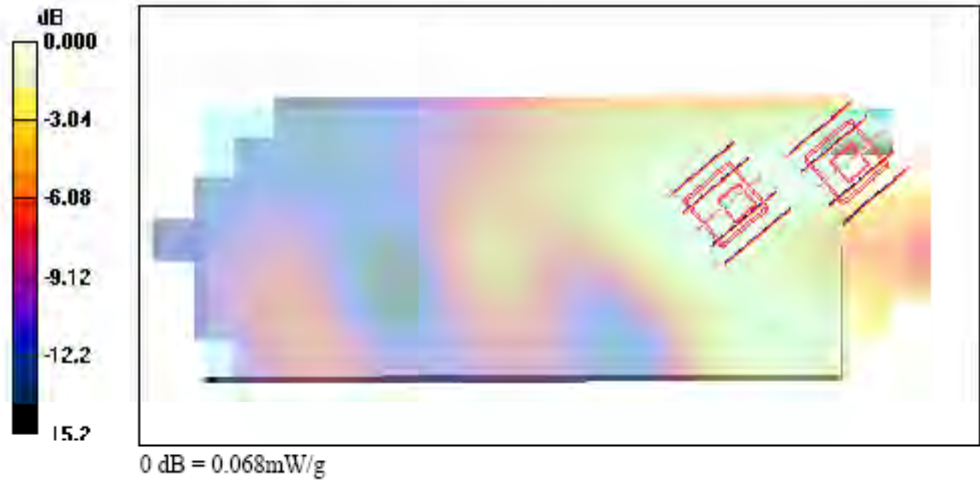
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.08 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.094 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.041 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 7:20:15 PM

Body_GSM850 Ch251_Keypad Up with 1.5cm Gap_20070204_GPRS10_BT On_PC528

DUT: 710211

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used: $f = 849$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch251/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.435 mW/g

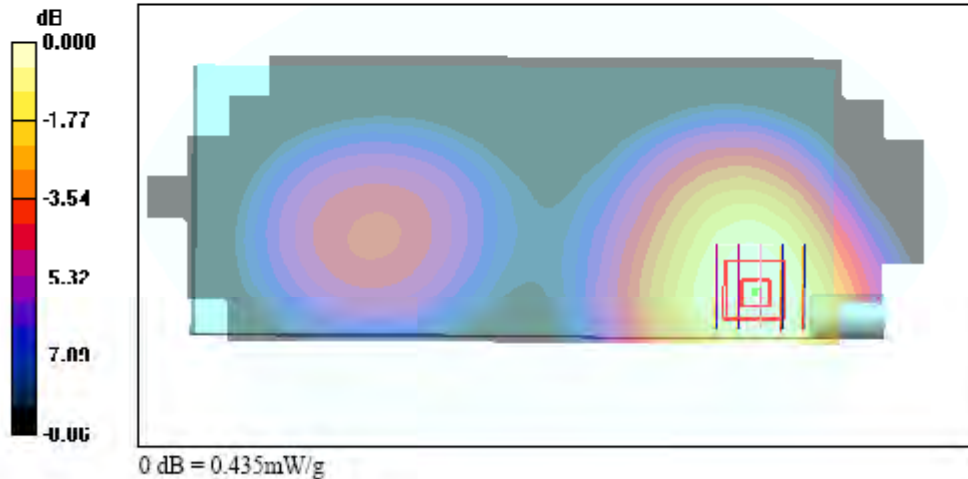
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.72 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.409 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.435 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 6:59:36 PM

Body_PCS Ch512_Keypad Up with 1.5cm Gap_20070205_GPRS10_Bluetooth On_PC528

DUT: 710211

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

Medium: MSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch512/Area Scan (71x191x1): Measurement grid: dx=15mm, dy=15mm

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

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.38 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.100 mW/g

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

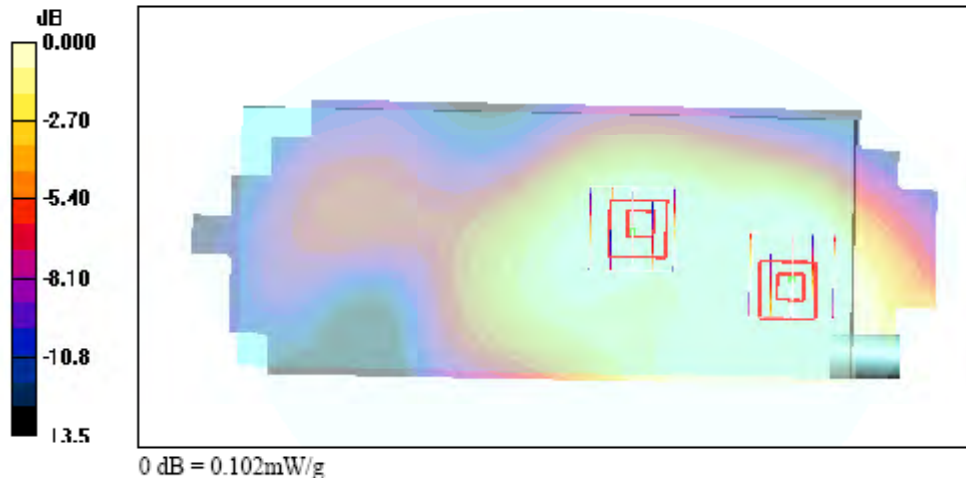
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.38 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.064 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/4/2007 8:00:53 PM

Body_GSM850 Ch251_Keypad Up with 1.5cm Gap_20070204_GPRS10_PC529

DUT: 710211

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL_850 Medium parameters used: $f = 849$ MHz; $\sigma = 0.984$ mho/m; $\epsilon_r = 56.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch251/Area Scan (71x171x1): Measurement grid: dx=15mm, dy=15mm

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

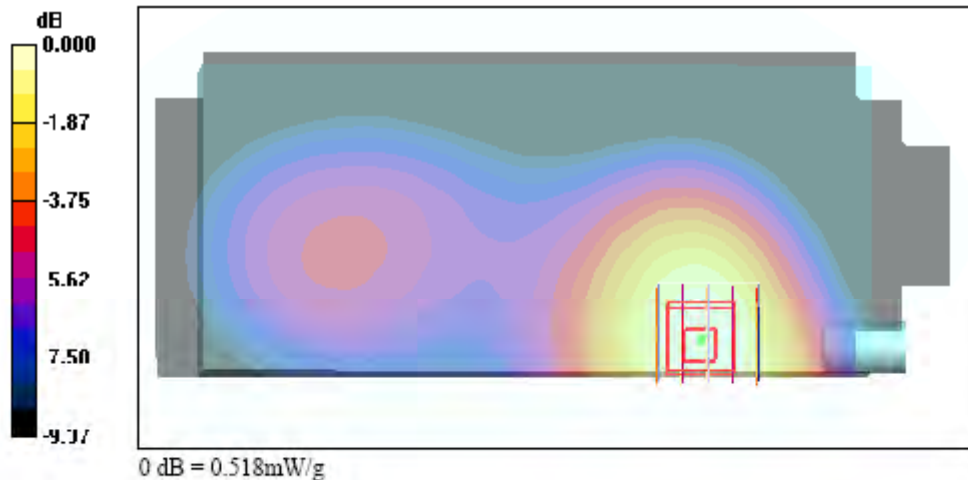
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.348 mW/g

Maximum value of SAR (measured) = 0.518 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 2/5/2007 7:56:43 PM

Body_PCS Ch512_Keypad Up with 1.5cm Gap_GPRS10_PC529

DUT: 710211

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

Medium: MSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 18.9 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.67, 4.67, 4.67); Calibrated: 9/19/2006
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 11/21/2006
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Ch512/Area Scan (71x171x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.182 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.93 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.183 mW/g

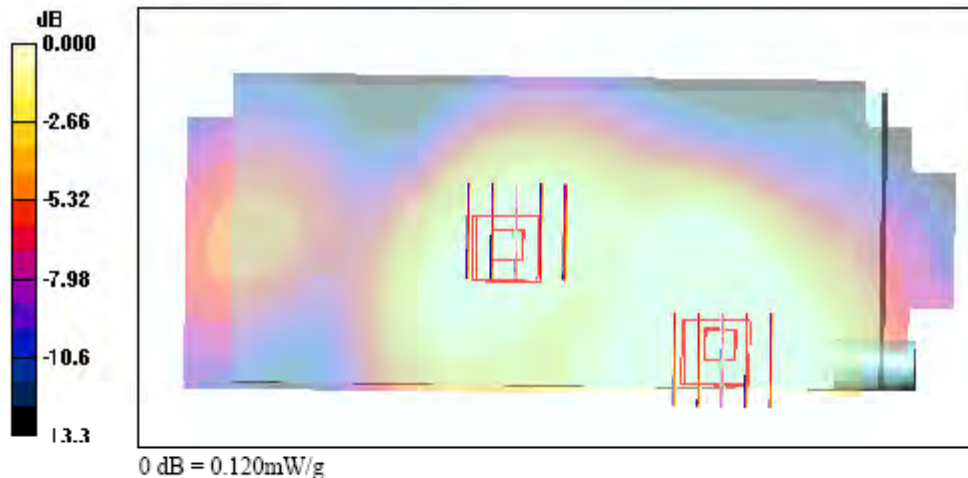
Ch512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.93 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.120 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/5

Body_GSM850 Ch189_Holster Right Side Touch_7527C_Endcap 1_B2_GPRS8

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.386 mW/g

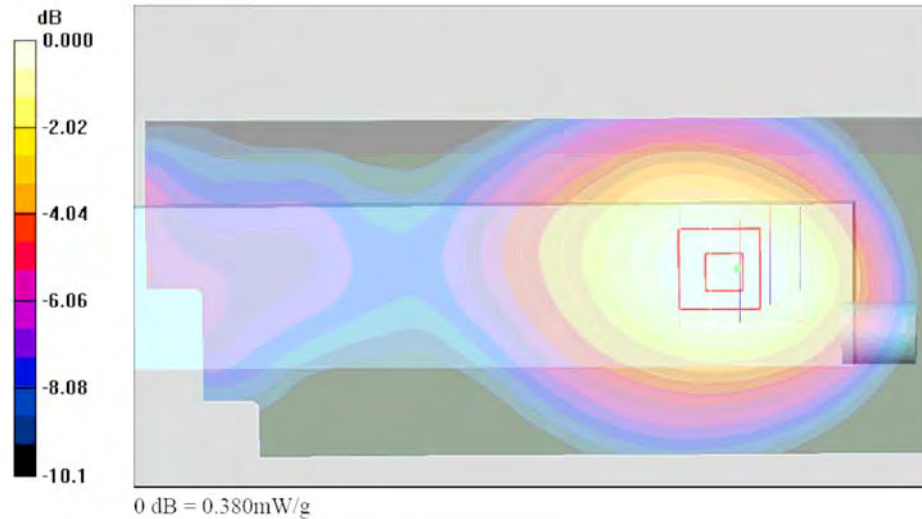
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.480 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.380 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/5

Body_GSM850_Ch189_Holster Left Side Touch_7527C_Endcap 1_B2_GPRS8

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

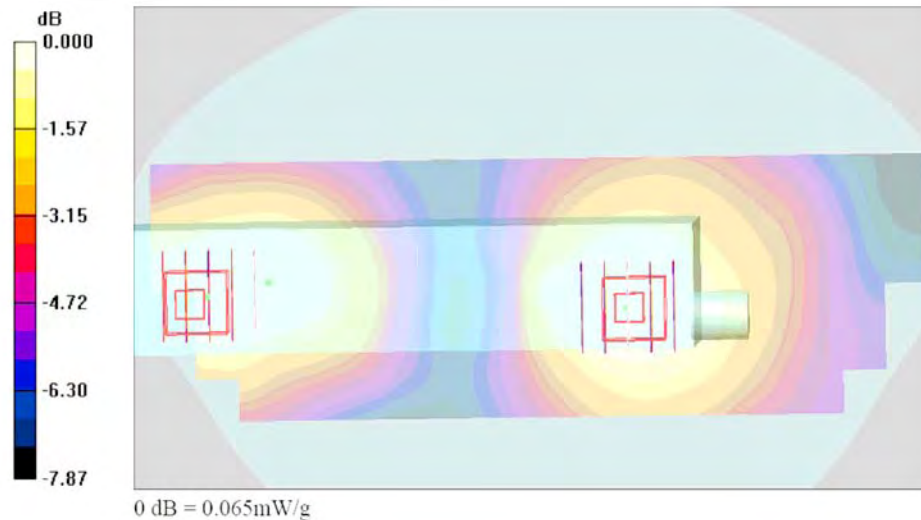
DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (61x201x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.069 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.68 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.083 W/kg
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.068 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.68 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.065 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/5

Body_GSM850_Ch189_Holster Right Side Touch_7527C_POD 2_B2_GPRS10

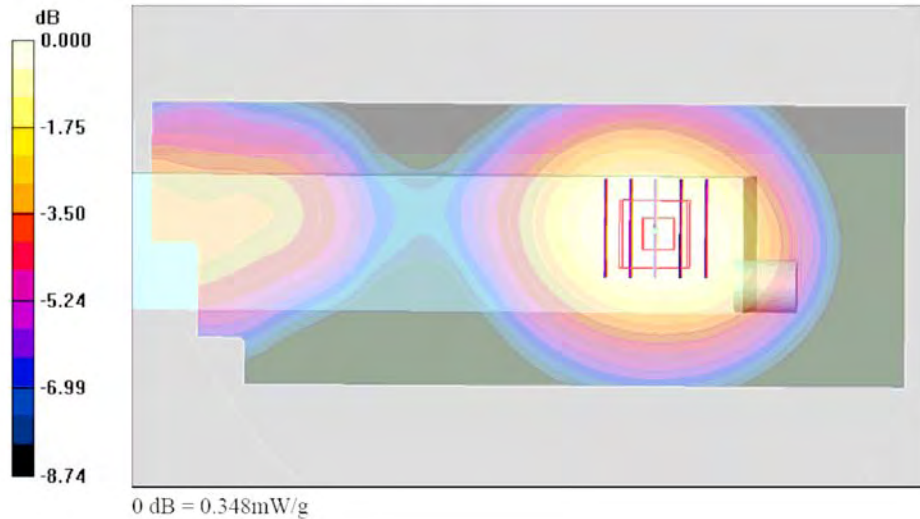
Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.427 W/kg
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.240 mW/g
Maximum value of SAR (measured) = 0.348 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/5

Body_GSM850 Ch189_Holster Right Side Touch_7527C_POD 6_B2_GPRS10

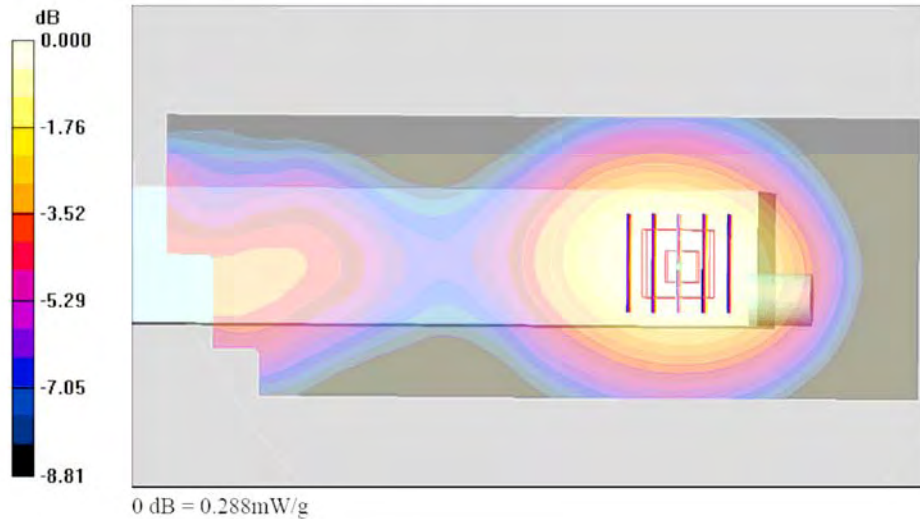
Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.33, 6.33, 6.33); Calibrated: 2006/9/19
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-B; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.290 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.350 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.288 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date: 2007/5/5

Body_GSM850_Ch189_Holster Right Side Touch_7527C_POD 3_B2_GPRS10

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4
Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.18, 6.18, 6.18); Calibrated: 2006/5/31
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2006/11/21
- Phantom: SAM-A; Type: QD 000 P40 C; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Ch189/Area Scan (61x171x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.392 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.91 V/m; Power Drift = -0.100 dB
Peak SAR (extrapolated) = 0.489 W/kg
SAR(1 g) = 0.368 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 0.390 mW/g

