



Appendix B - SAR Measurement Data

Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 11:00:55

Left Cheek_GSM850 Ch189_20041206_2203

DUT: Arima 2203; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.14 mW/g

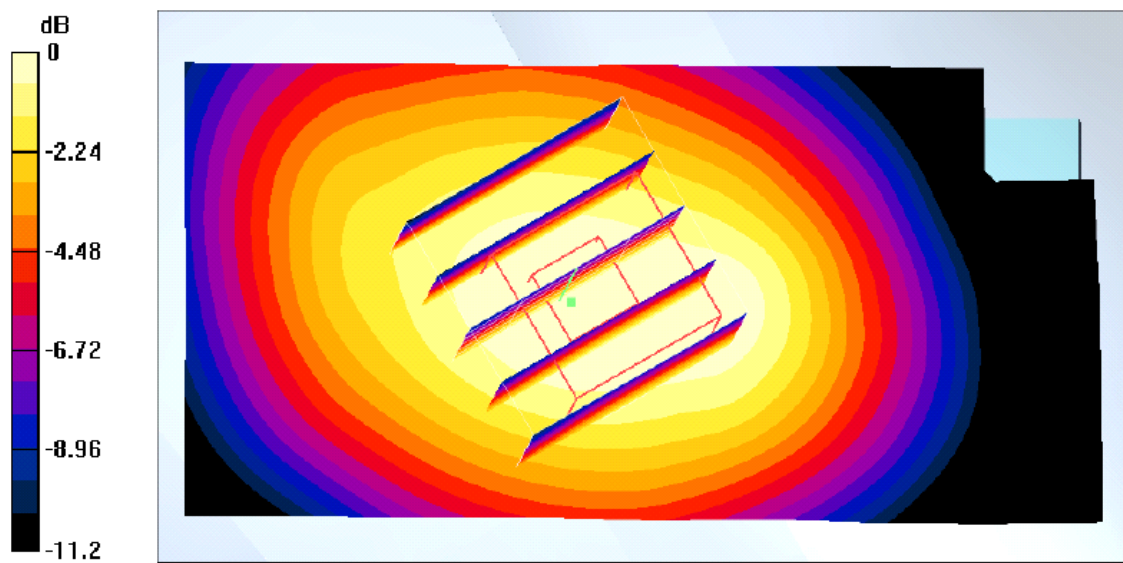
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.1 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.740 mW/g

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



0 dB = 1.13mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 15:33:28

Left Tilted_PCS Ch661_20041206_2203

DUT: Arima 2203; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 22.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.16, 5.16, 5.16); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.948 mW/g

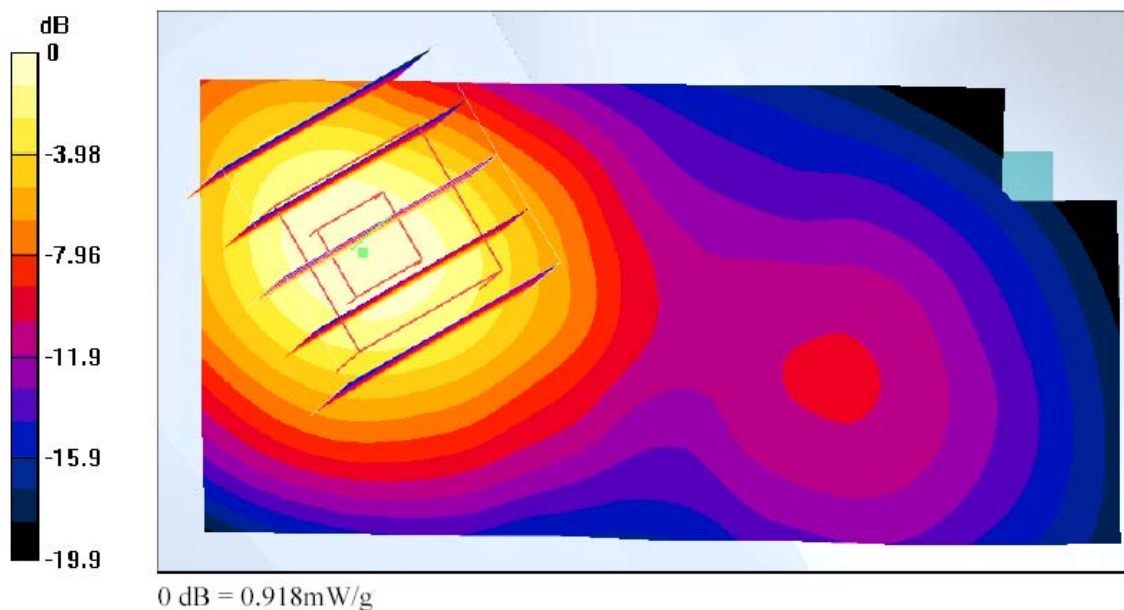
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.7 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.4 W/kg

SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.442 mW/g

Maximum value of SAR (measured) = 0.918 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 13:09:08

Body_GSM850 Ch189_Keypad Down With 1.5cm Gap _20041206_2203

DUT: Arima 2203; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.716 mW/g

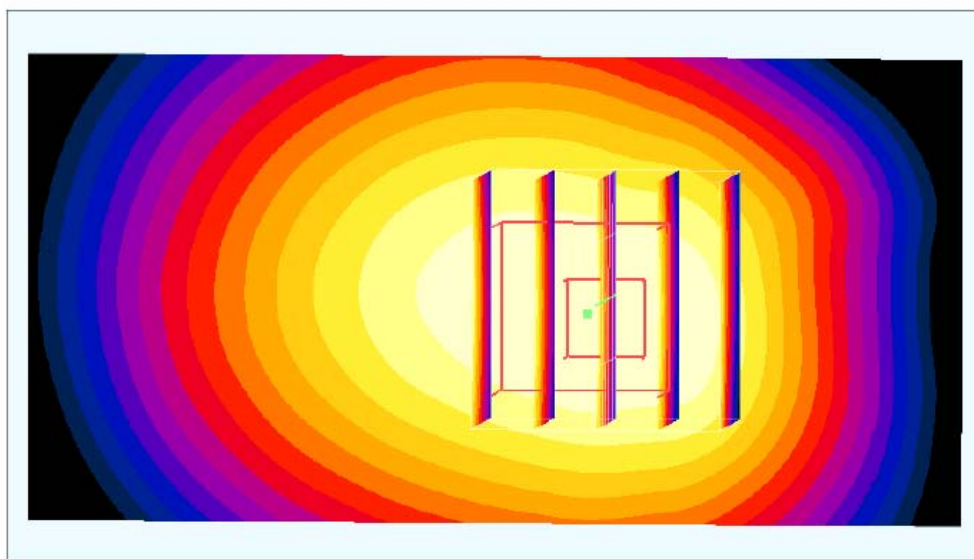
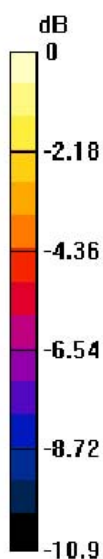
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.695 mW/g



0 dB = 0.695mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 17:52:59

Body_PCS Ch661_Keypad Down With 1.5cm Gap _20041206_2203

DUT: Arima 2203; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.56, 4.56, 4.56); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

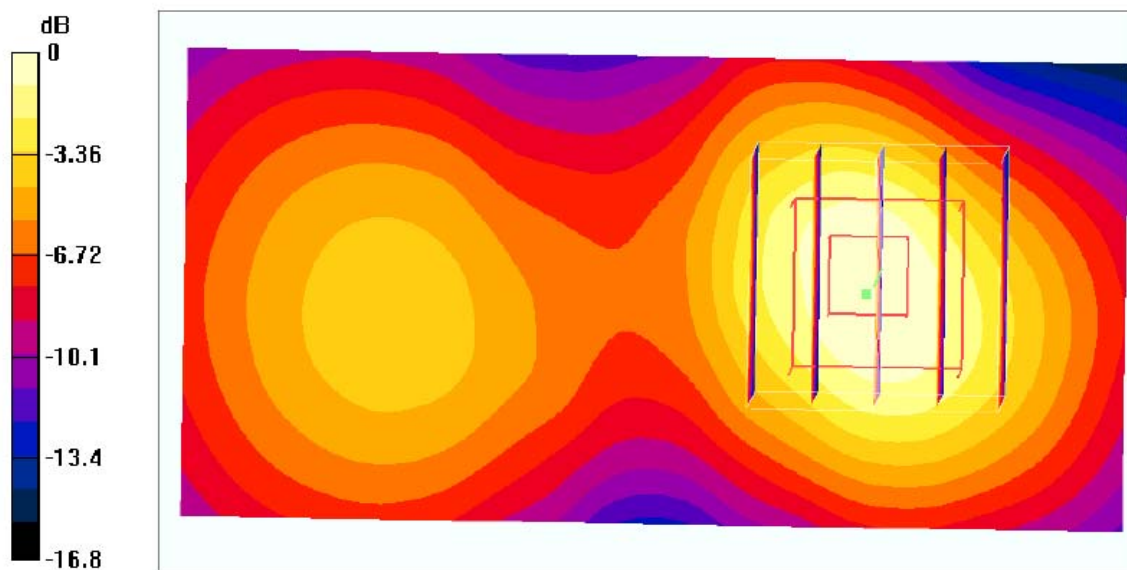
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.676 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.743mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 11:15:54

Left Cheek_GSM850 Ch189_20041206_2204**DUT: Arima 2204; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342**

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 °C; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

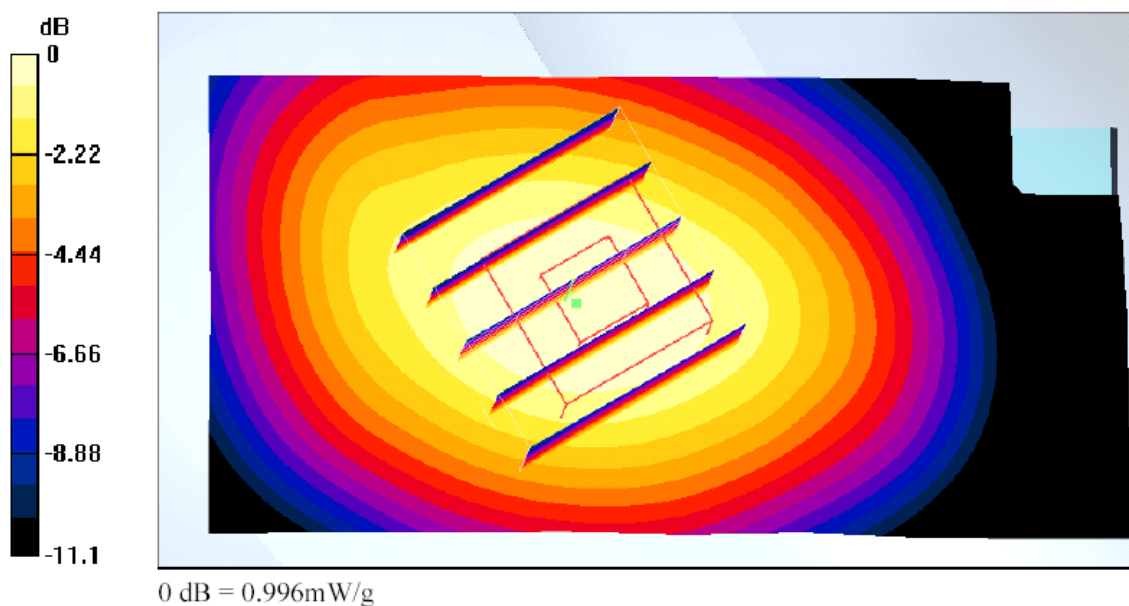
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.7 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.643 mW/g

Maximum value of SAR (measured) = 0.996 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 15:47:51

Left Tilted_PCS Ch661_20041206_2204

DUT: Arima 2204; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 22.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.16, 5.16, 5.16); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.873 mW/g

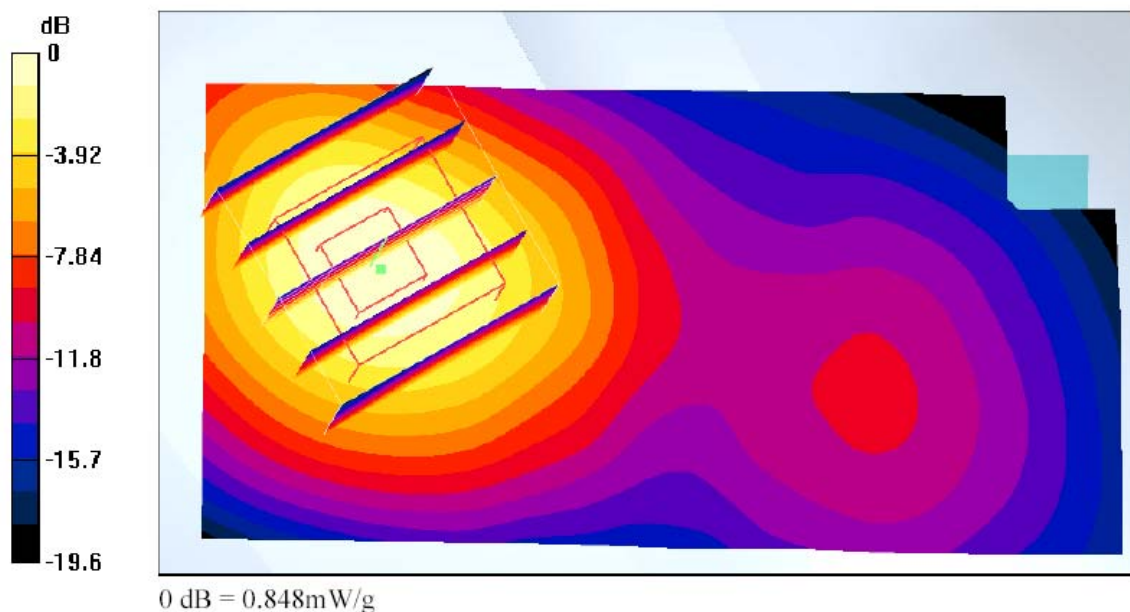
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.848 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 13:22:16

Body_GSM850 Ch189_Keypad Down With 1.5cm Gap_20041206_2204

DUT: Arima 2204; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.7 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

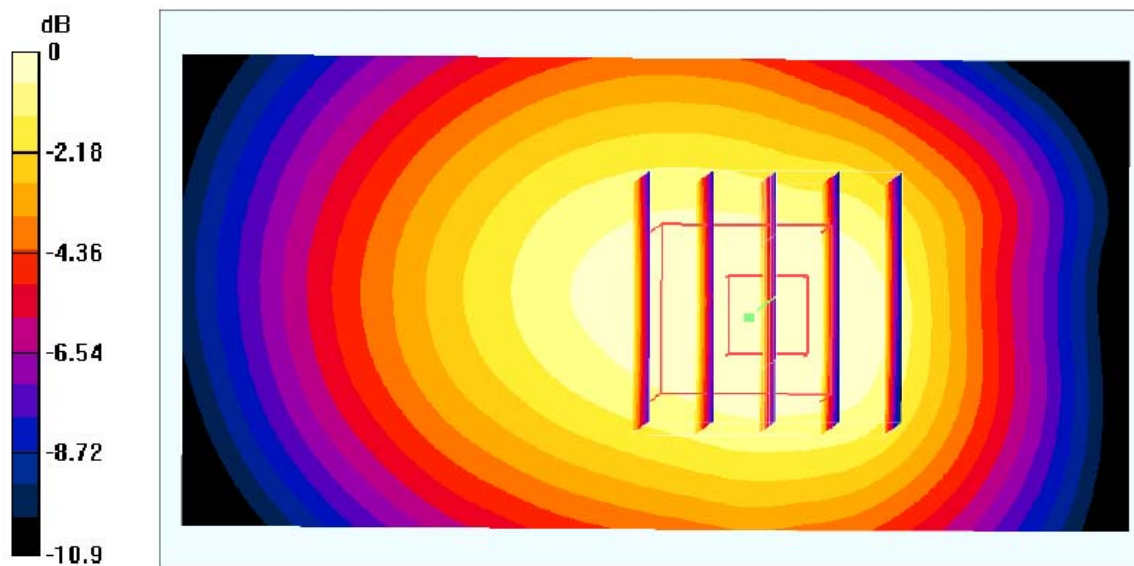
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.388 mW/g

Maximum value of SAR (measured) = 0.573 mW/g



0 dB = 0.573mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 18:06:10

Body_PCS Ch661_Keypad Down With 1.5cm Gap_20041206_2204

DUT: Arima 2204; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 22.1 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.56, 4.56, 4.56); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.655 mW/g

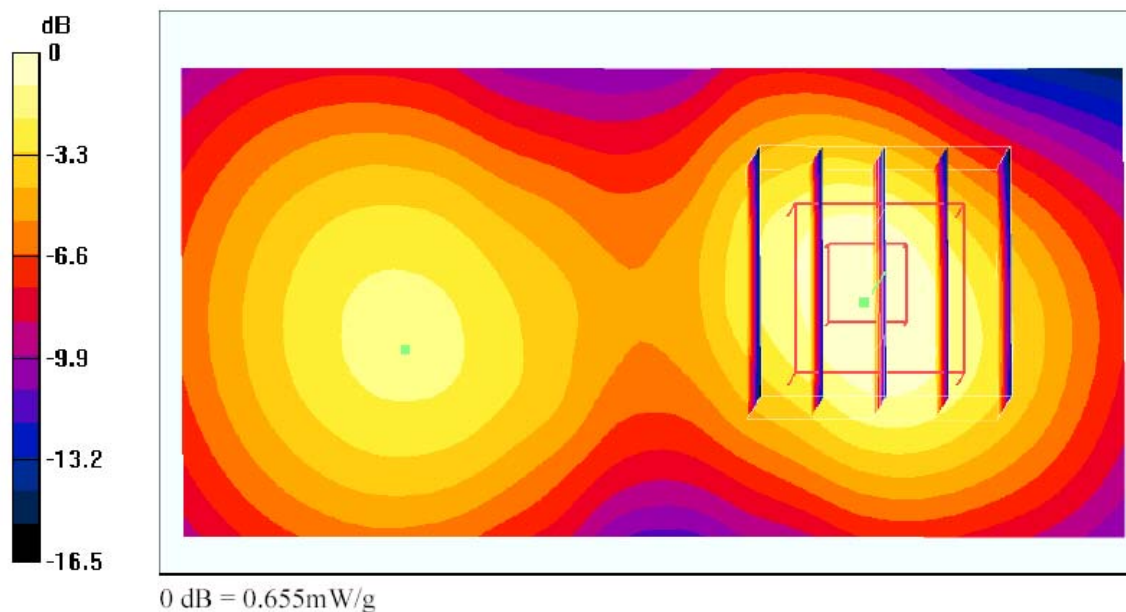
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 0.655 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 10:16:20

Right Cheek_GSM850 Ch189_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.944 mW/g

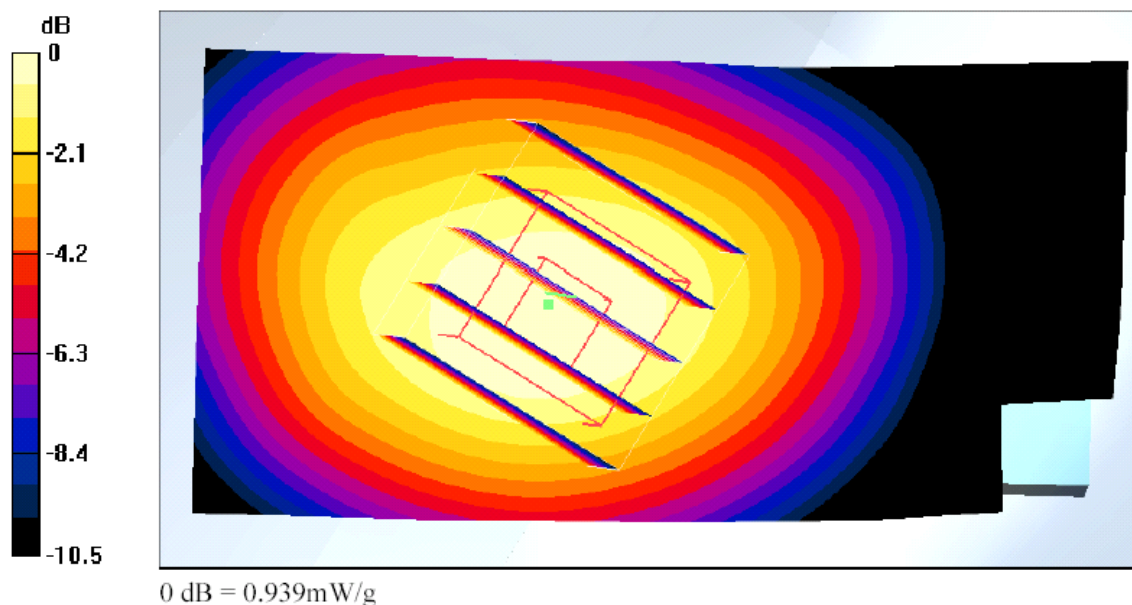
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.615 mW/g

Maximum value of SAR (measured) = 0.939 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 15:02:15

Right Tilted_PCS Ch661_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C ; Liquid Temperature : 21.8 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.16, 5.16, 5.16); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.706 mW/g

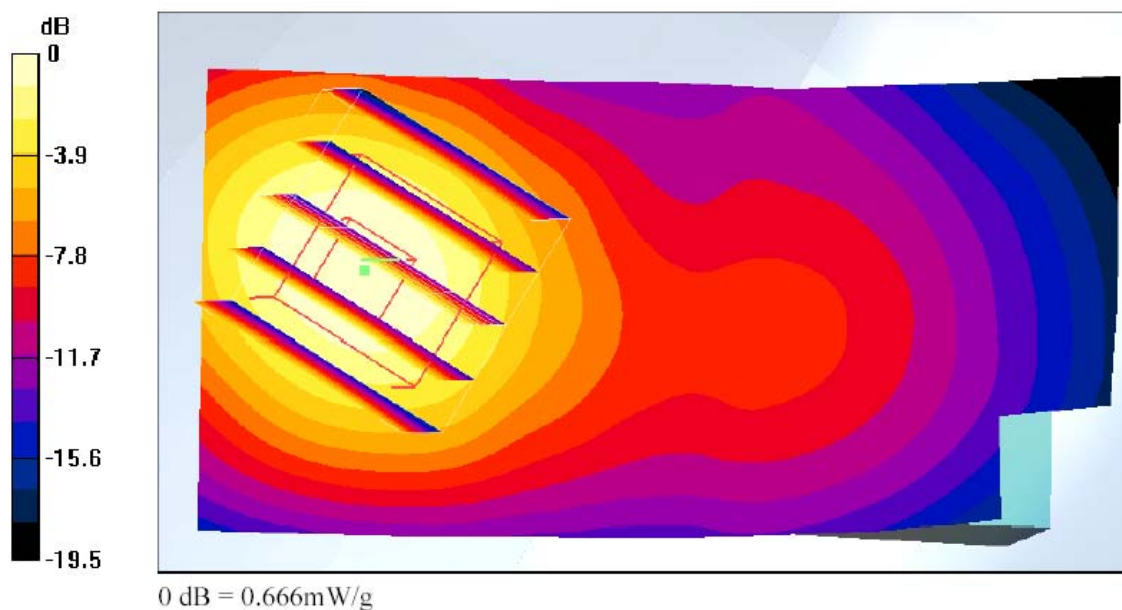
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.979 W/kg

SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.666 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 09:30:38

Left Cheek_GSM850 Ch128_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: MSL_850 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.925$ mho/m; $\epsilon_r = 54.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.6 °C; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch128/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.911 mW/g

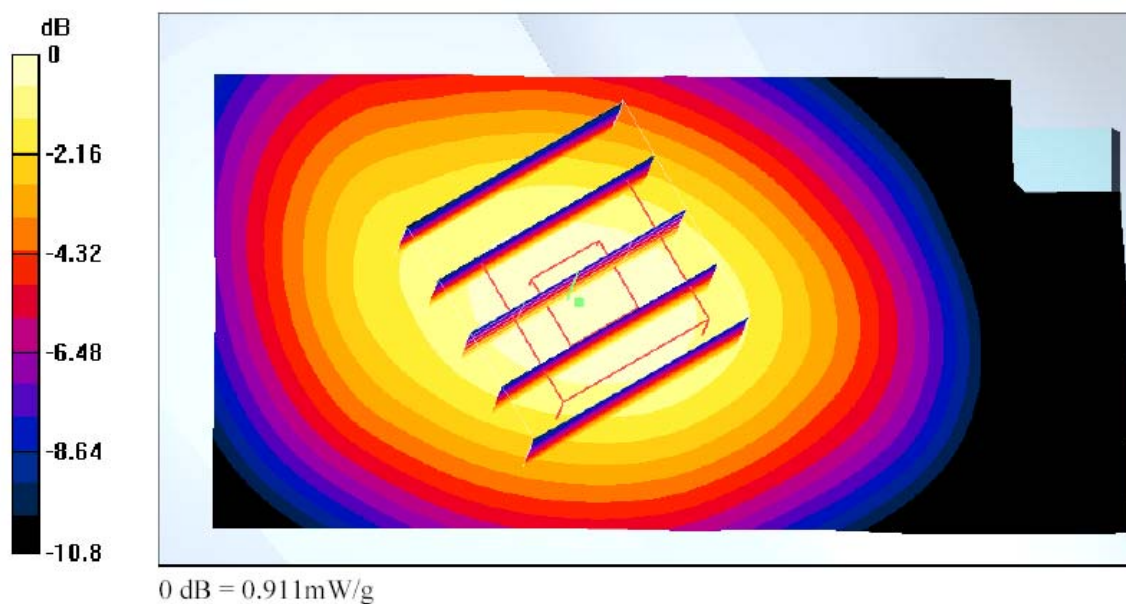
Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.585 mW/g

Maximum value of SAR (measured) = 0.911 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 09:52:40

Left Cheek_GSM850 Ch189_20041206_2205**DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342**

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 22.1 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 mW/g

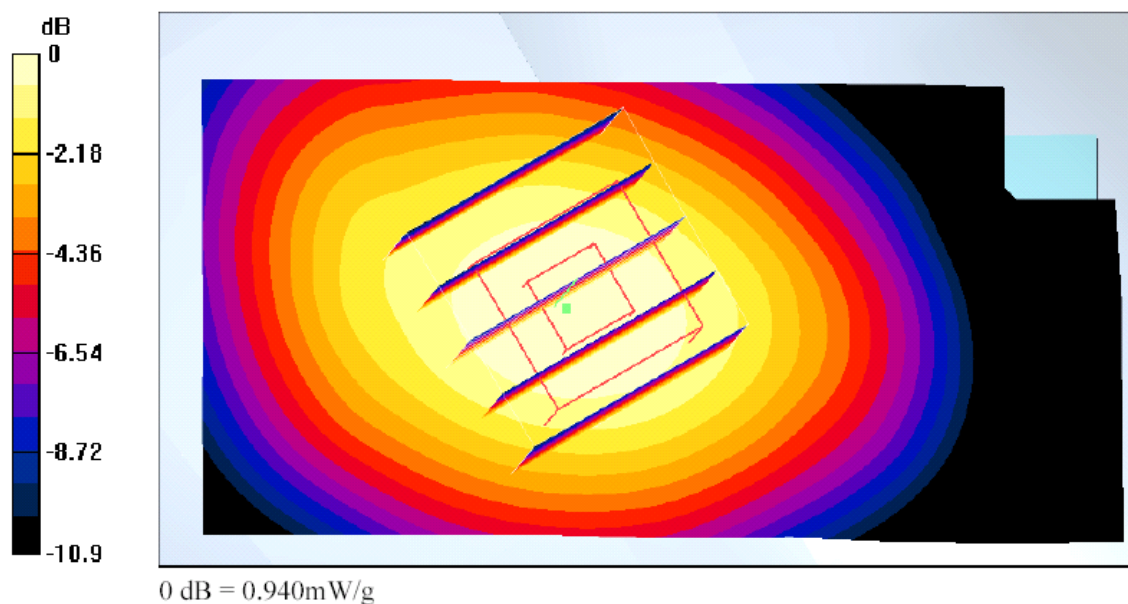
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 1.2 W/kg

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.614 mW/g

Maximum value of SAR (measured) = 0.940 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 10:04:30

Left Cheek_GSM850 Ch251_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_850 Medium parameters used : $f = 848.8$ MHz; $\sigma = 0.948$ mho/m; $\epsilon_r = 54.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 22.3 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch251/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.714 mW/g

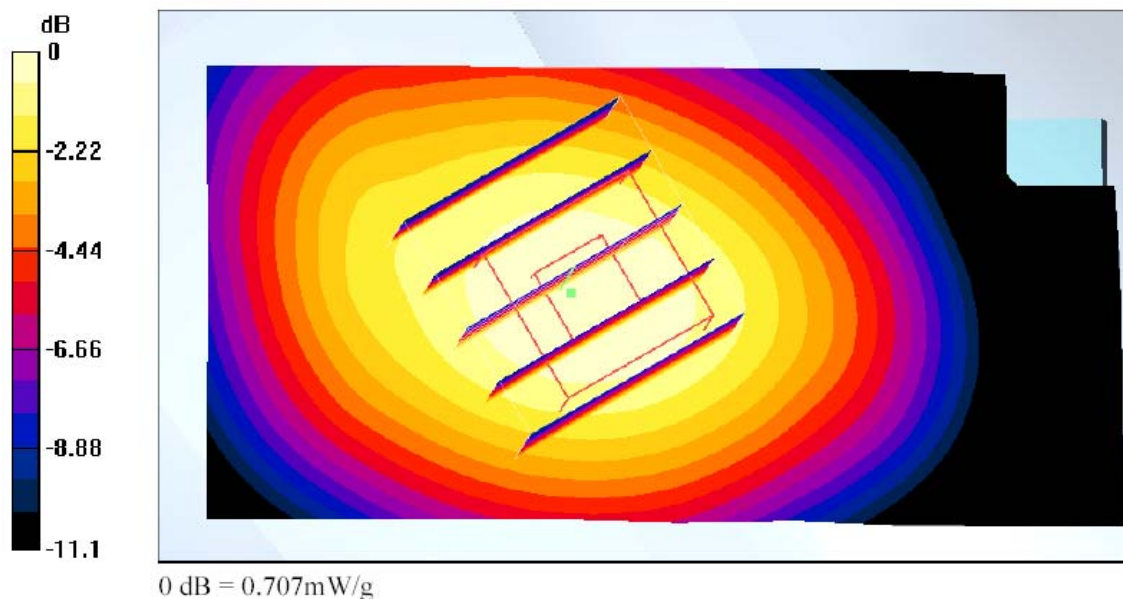
Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.707 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 14:20:22

Left Tilted_PCS Ch512_20041206_2205**DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342**

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

Medium: HSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.0 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.16, 5.16, 5.16); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch512/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.757 mW/g

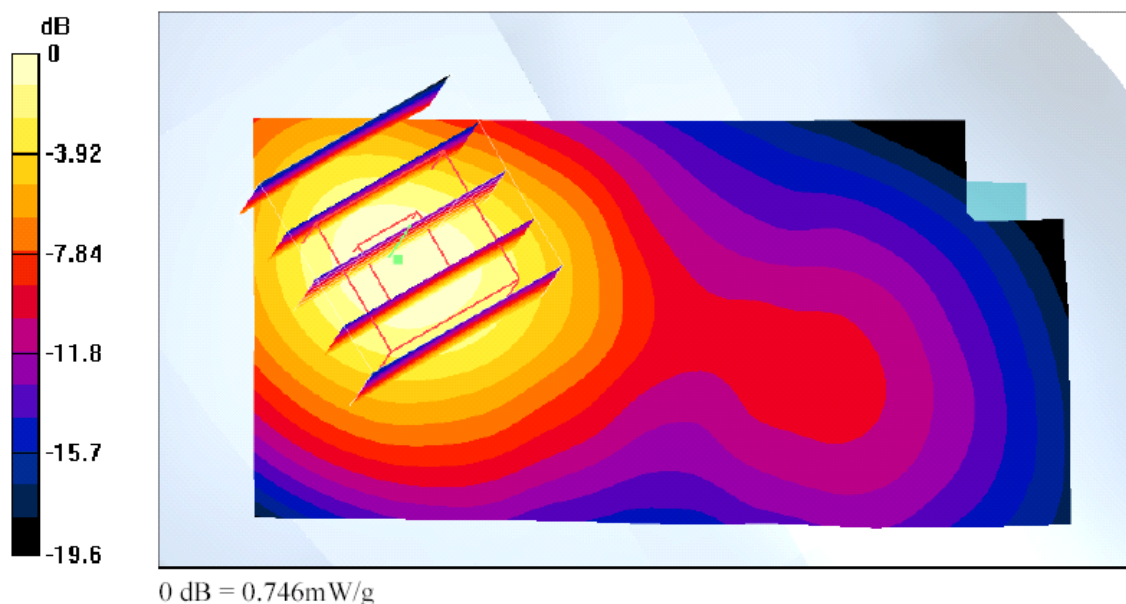
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.4 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.746 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 14:37:42

Left Tilted_PCS Ch661_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 20.8 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.16, 5.16, 5.16); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.818 mW/g

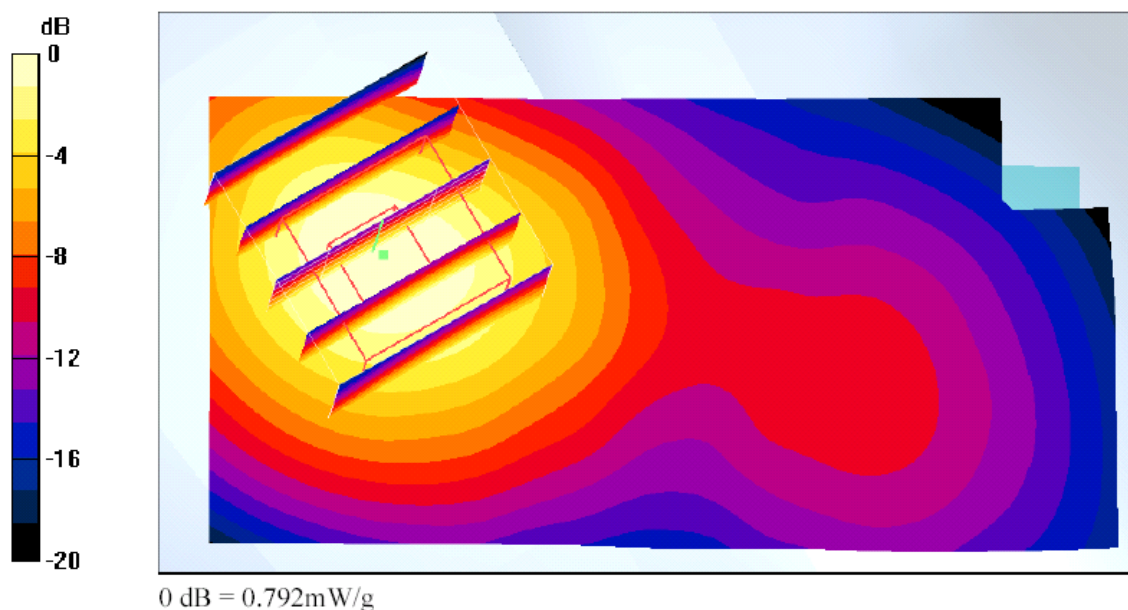
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.792 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 14:49:55

Left Tilted_PCS Ch810_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL_1900 Medium parameters used : $f = 1909.8$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 20.9 °C; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(5.16, 5.16, 5.16); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch810/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.714 mW/g

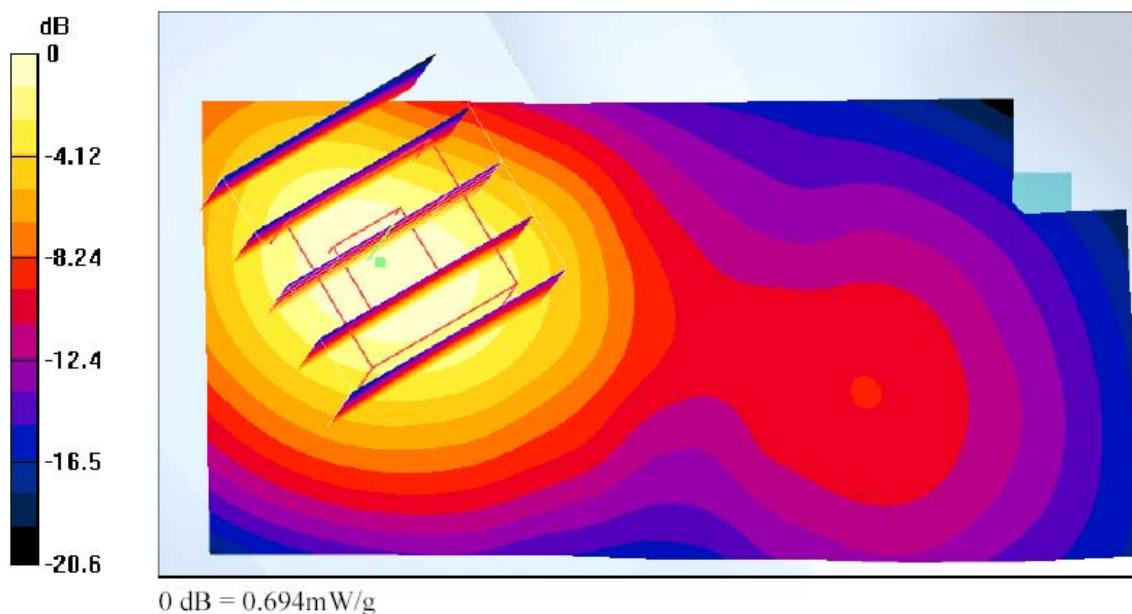
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20 V/m; Power Drift = -0.0 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.335 mW/g

Maximum value of SAR (measured) = 0.694 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 10:58:06

Body_GSM850 Ch189_Keypad Down With 1.5cm Gap_20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 23.0 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.703 mW/g

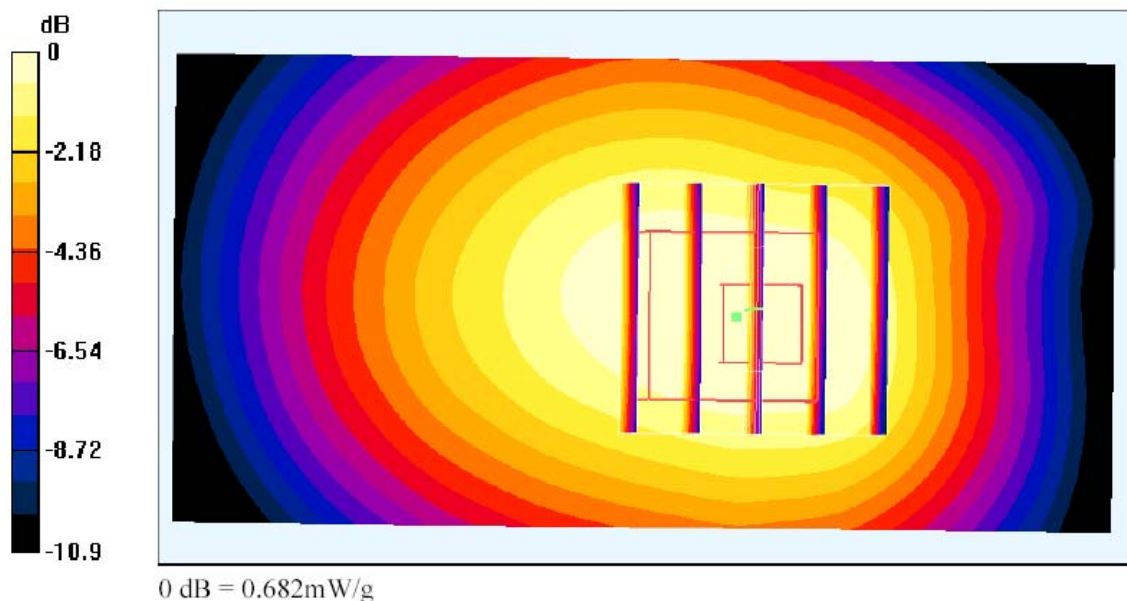
Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.893 W/kg

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.682 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 16:38:10

Body_PCS Ch661_Keypad Down With 1.5cm Gap _20041206_2205

DUT: Arima 2205; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342

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

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(4.56, 4.56, 4.56); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch661/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.709 mW/g

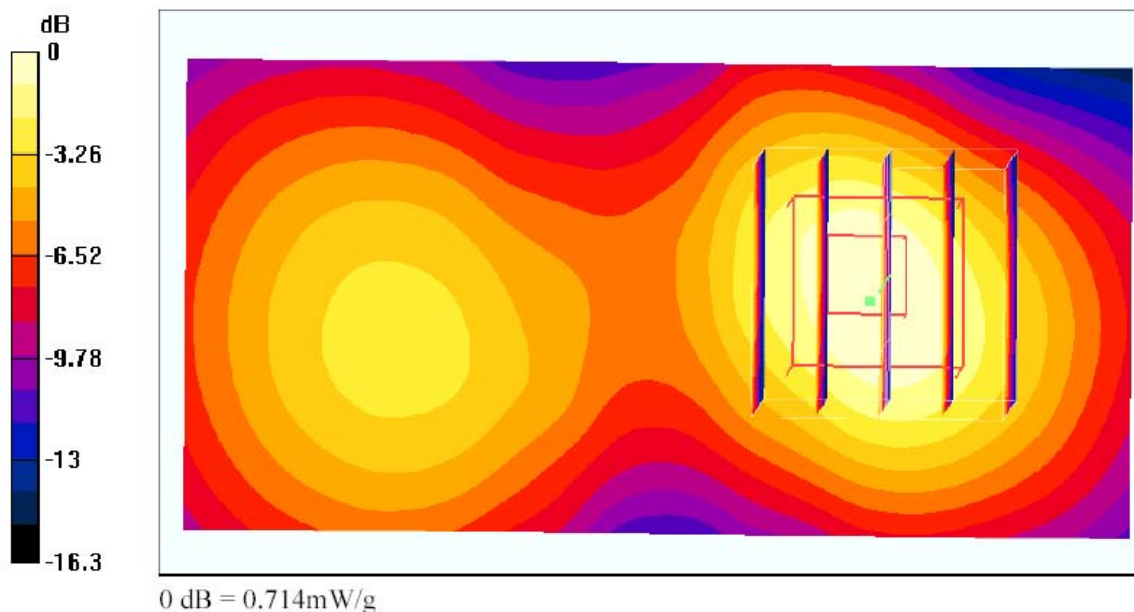
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.714 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 12/06/04 10:41:08

Left Cheek_GSM850 Ch189_20041206_2207**DUT: Arima 2207; Type: GSM850/PCS1900 Dual Band Mobile Phone; Serial: 004601789012342**

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

Medium: MSL_850 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 54.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 22.4 °C

DASY4 Configuration:

- Probe: ET3DV6 - SN1788; ConvF(6.53, 6.53, 6.53); Calibrated: 9/30/2004
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
- Electronics: DAE3 Sn541; Calibrated: 4/26/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 22; Postprocessing SW: SEMCAD, V1.8 Build 127

Ch189/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 27.5 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.681 mW/g

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

