



N343i

Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 1:38:13 PM

Right Cheek_PCS Ch512_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °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 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 1.44 mW/g

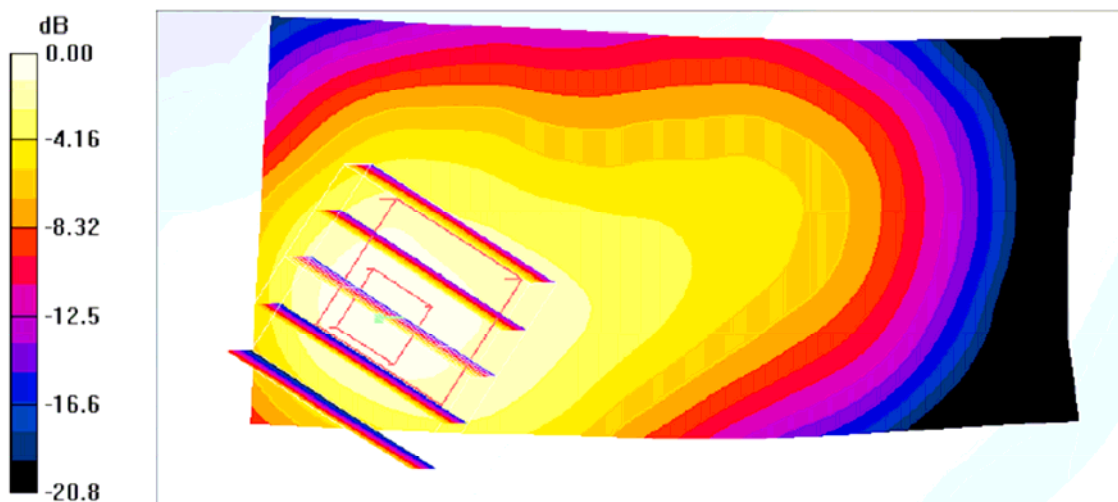
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.5 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.636 mW/g

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





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 12:29:22 PM

Right Cheek_PCS Ch661_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °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 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

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

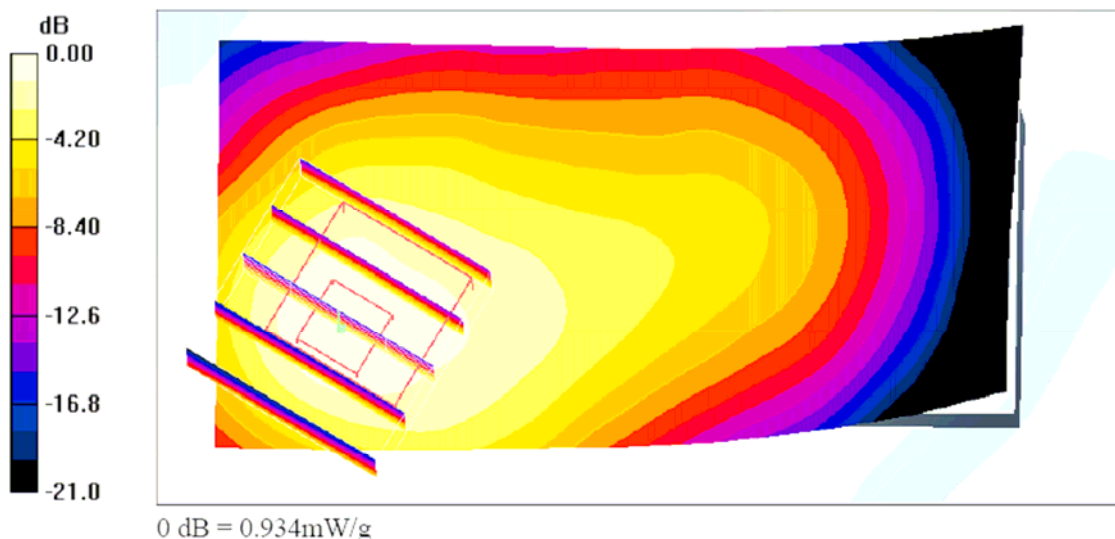
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.840 mW/g; SAR(10 g) = 0.453 mW/g

Maximum value of SAR (measured) = 0.934 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 12:47:55 PM

Right Tilted_PCS Ch661_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.7 °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 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

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

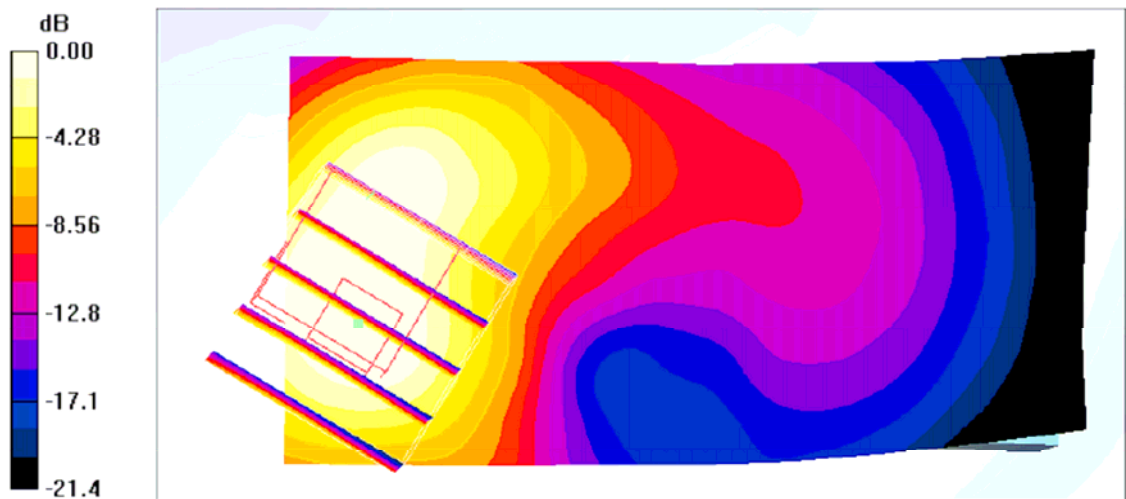
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.1 V/m; Power Drift = -0.055 dB

Peak SAR (extrapolated) = 0.940 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.476mW/g



Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 1:02:33 PM

Left Cheek_PCS Ch661_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °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 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.806 mW/g

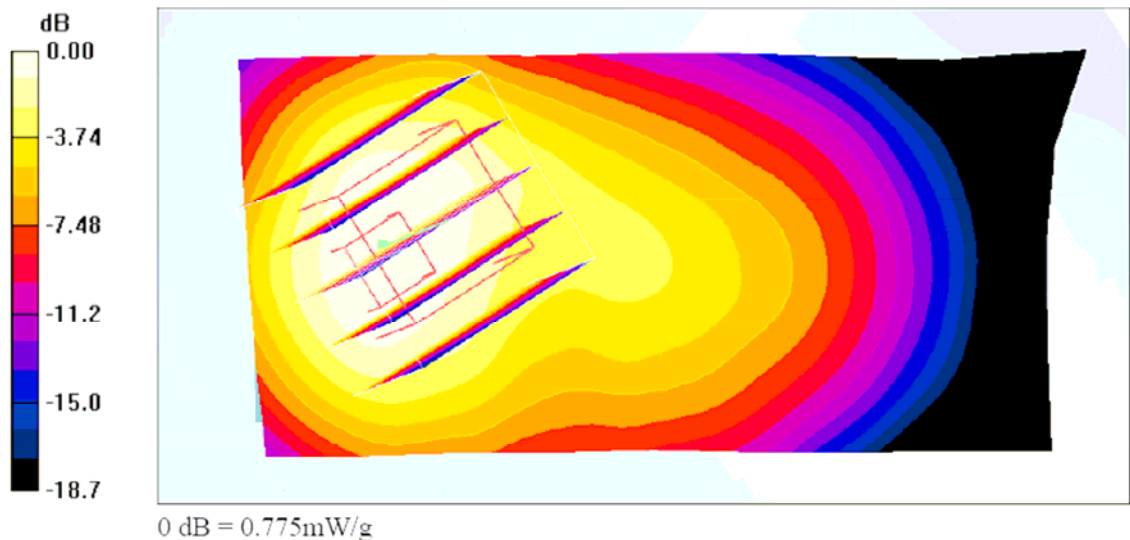
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = 0.067 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.775 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 1:14:33 PM

Left Tilted_PCS Ch661_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.9 °C; Liquid Temperature : 22.1 °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 Sn577; Calibrated: 11/17/2004
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 0.823 mW/g

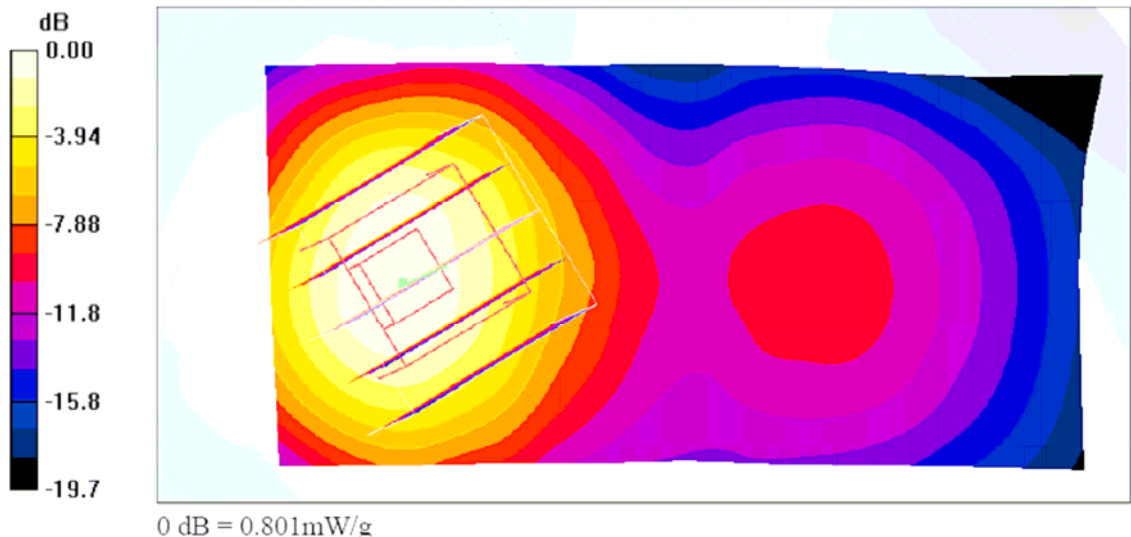
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.0 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.391 mW/g

Maximum value of SAR (measured) = 0.801 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 3:03:09 PM

Body_PCS Ch661_Keypad Up With 1.5cm Gap _20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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

Medium: MSL_1900 Medium parameters used : $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.4 °C; Liquid Temperature : 21.7 °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 Sn577; Calibrated: 11/21/2003
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 18.8 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.568 mW/g; SAR(10 g) = 0.341 mW/g

Maximum value of SAR (measured) = 0.621 mW/g

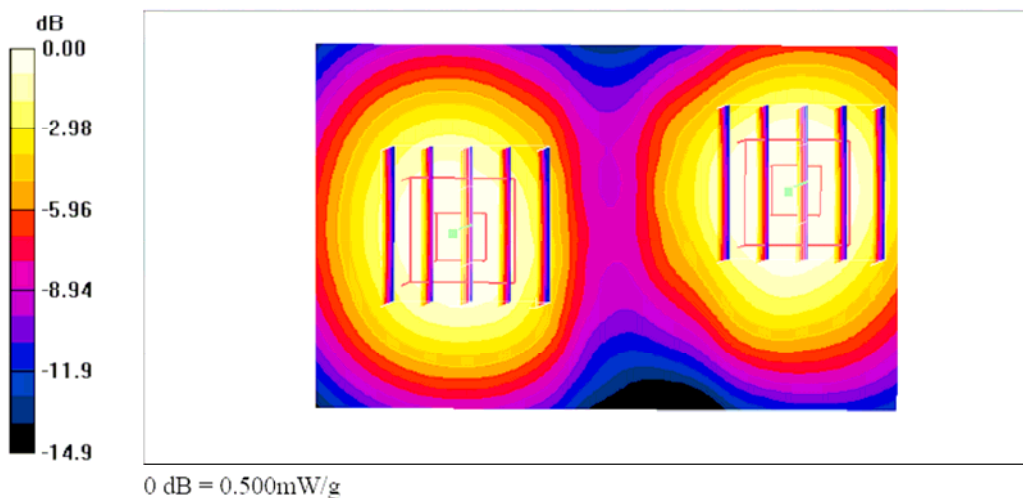
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.676 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.500 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 3:38:42 PM

Body_PCS Ch512_Keypad Down With 1.5cm Gap _20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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

Medium: MSL_1900 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.8 °C; Liquid Temperature : 22.0 °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 Sn577; Calibrated: 11/21/2003
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.75 mW/g

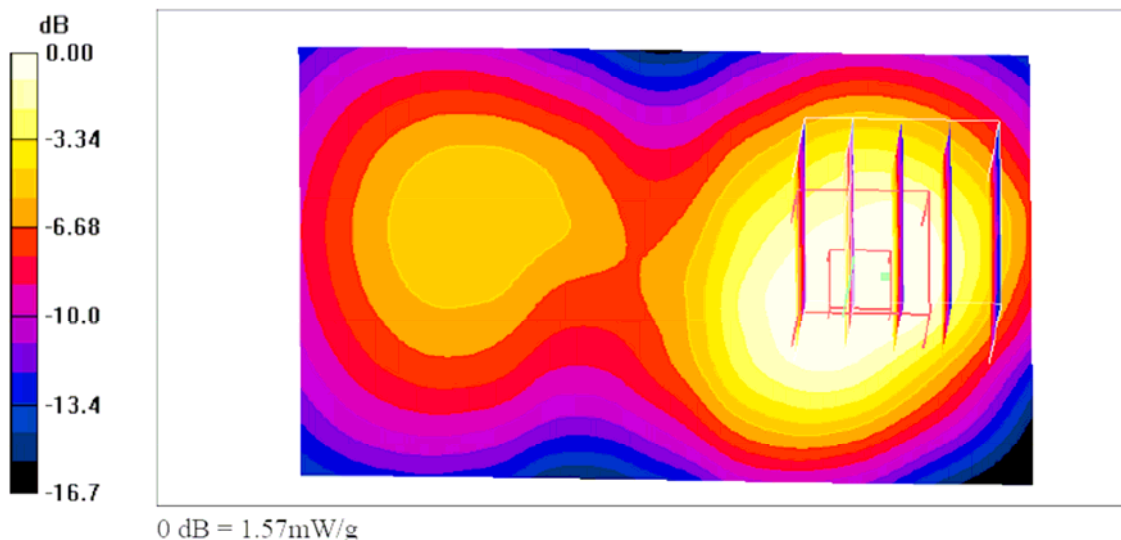
Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.9 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 1.5 mW/g; SAR(10 g) = 0.936 mW/g

Maximum value of SAR (measured) = 1.57 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 3:25:39 PM

Body_PCS Ch661_Keypad Down With 1.5cm Gap _20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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

Medium: MSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.55$ mho/m; $\epsilon_r = 52.7$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.3 °C ; Liquid Temperature : 21.6 °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 Sn577; Calibrated: 11/21/2003
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

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

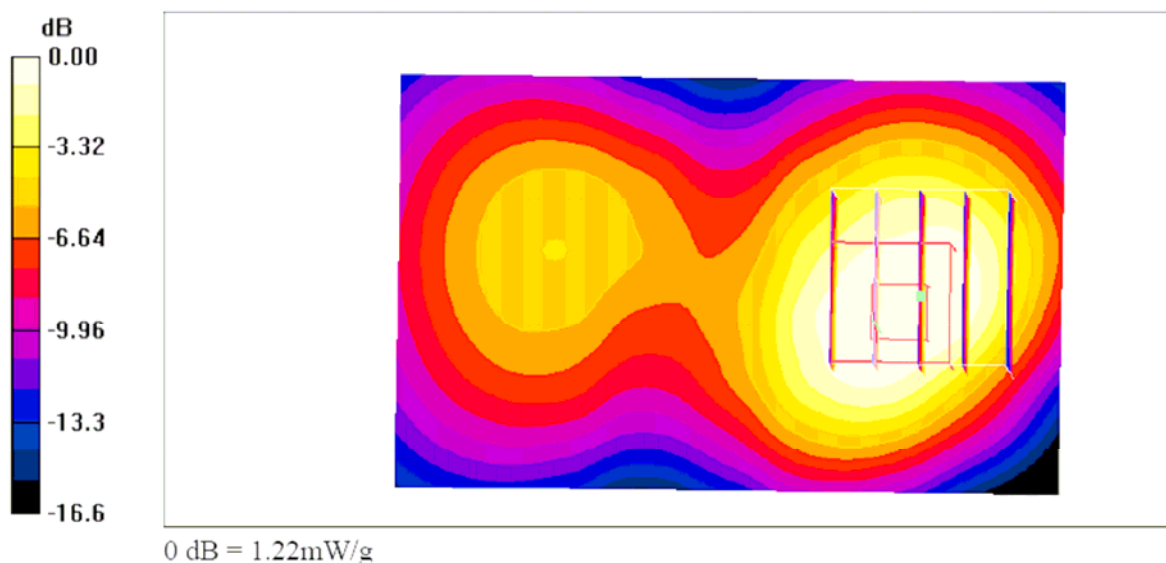
Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.4 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.721 mW/g

Maximum value of SAR (measured) = 1.22 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 3:53:15 PM

Body_PCS Ch810_Keypad Down With 1.5cm Gap_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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

Medium: MSL_1900 Medium parameters used : $f = 1909.8$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 21.5 °C; Liquid Temperature : 21.8 °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 Sn577; Calibrated: 11/21/2003
- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Ch810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.973 mW/g

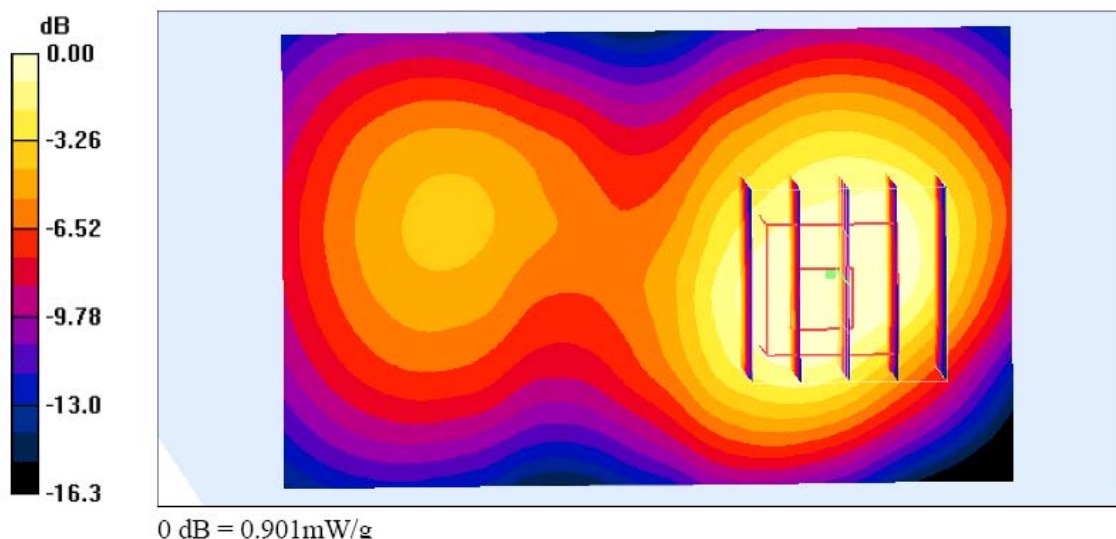
Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.857 mW/g; SAR(10 g) = 0.530 mW/g

Maximum value of SAR (measured) = 0.901 mW/g





Test Laboratory: Sporton International Inc. SAR Testing Lab

Date/Time: 5/31/2005 1:38:13 PM

Right Cheek_PCS Ch512_20050531

DUT: 552401; Type: GSM Dual Band Mobile Phone; Serial: 350421030000600

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; $\epsilon_r = 39.2$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.1 °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 Sn577; Calibrated: 11/17/2004

- Phantom: SAM 12; Type: QD 000 P40 C; Serial: TP-1150

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 1.44 mW/g

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

Reference Value = 26.5 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 2.51 W/kg

SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.636 mW/g

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

