

Test Laboratory: Compliance Certification Services Inc.

D1900V2 SN-5d056 Head

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d056

Communication System: CW1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (measured) = 7.83 mW/g

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

Maximum value of SAR (measured) = 9.37 mW/g

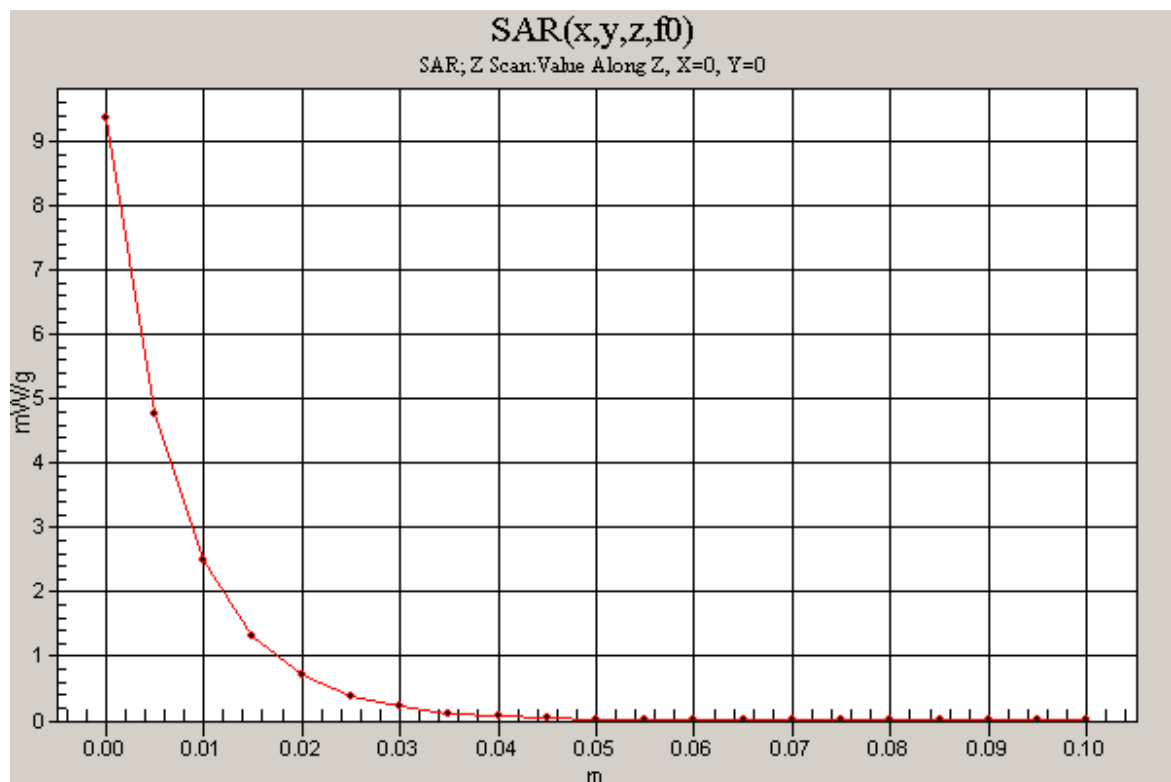
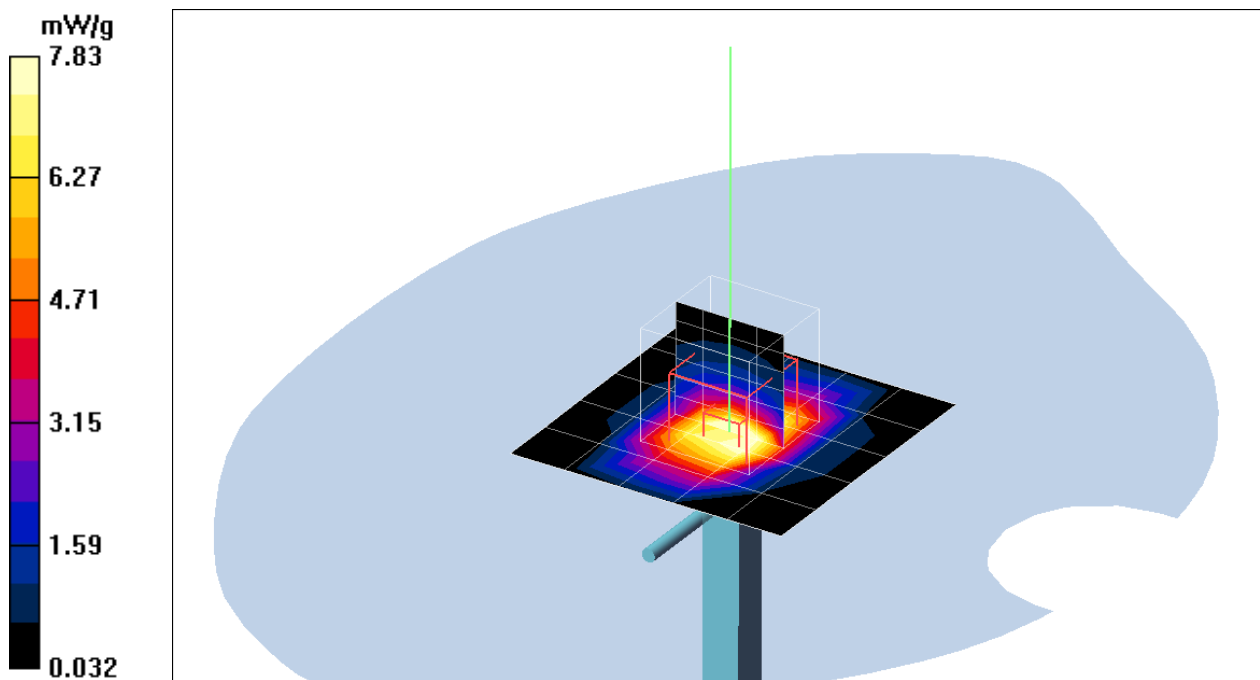
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 85.8 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 9.53 mW/g; SAR(10 g) = 4.69 mW/g

Maximum value of SAR (measured) = 10.7 mW/g



Test Laboratory: Compliance Certification Services Inc.

D1900V2 SN-5d056 Body

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d056

Communication System: CW1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

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

Maximum value of SAR (measured) = 8.05 mW/g

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

Maximum value of SAR (measured) = 10.6 mW/g

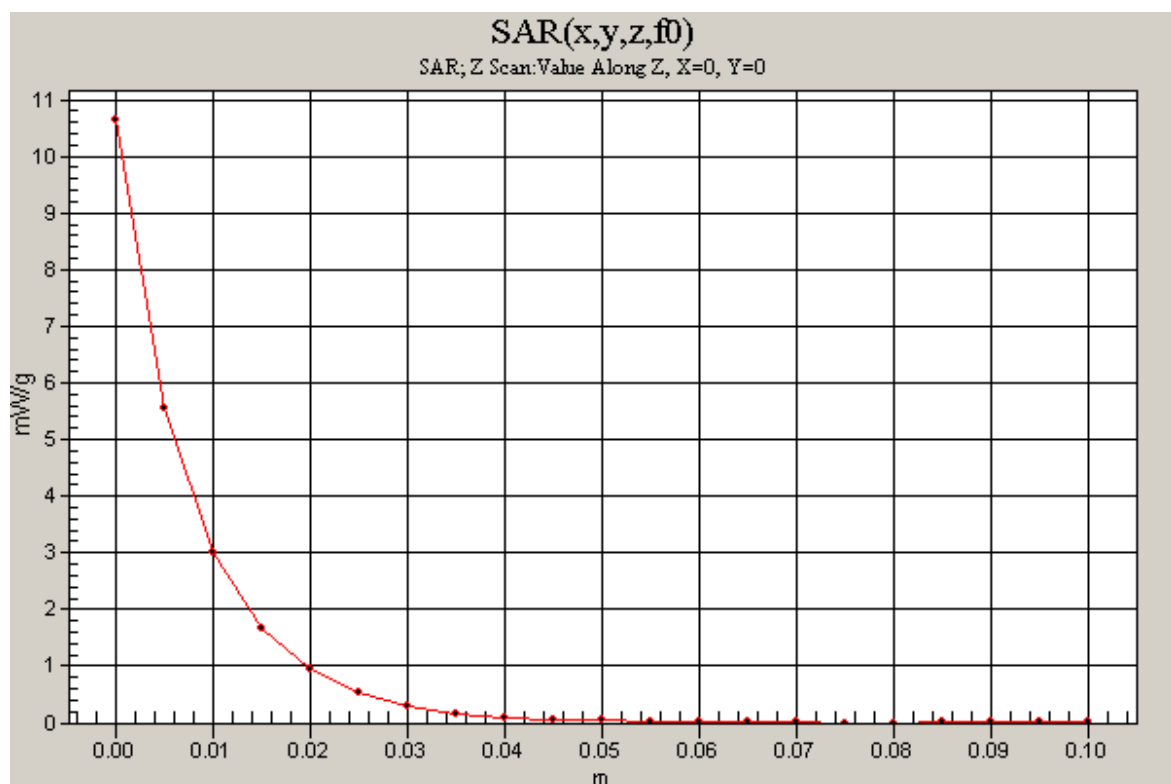
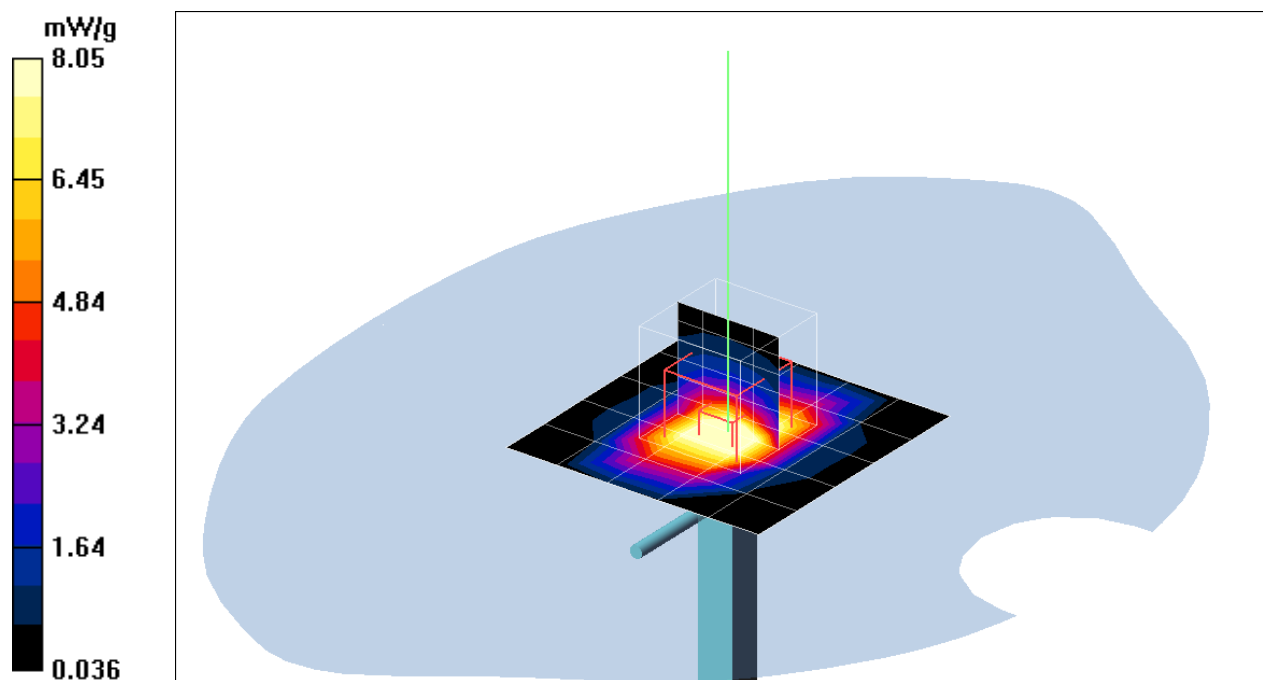
Pin=250mW, d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.3 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 19.8 W/kg

SAR(1 g) = 10.5 mW/g; SAR(10 g) = 5.29 mW/g

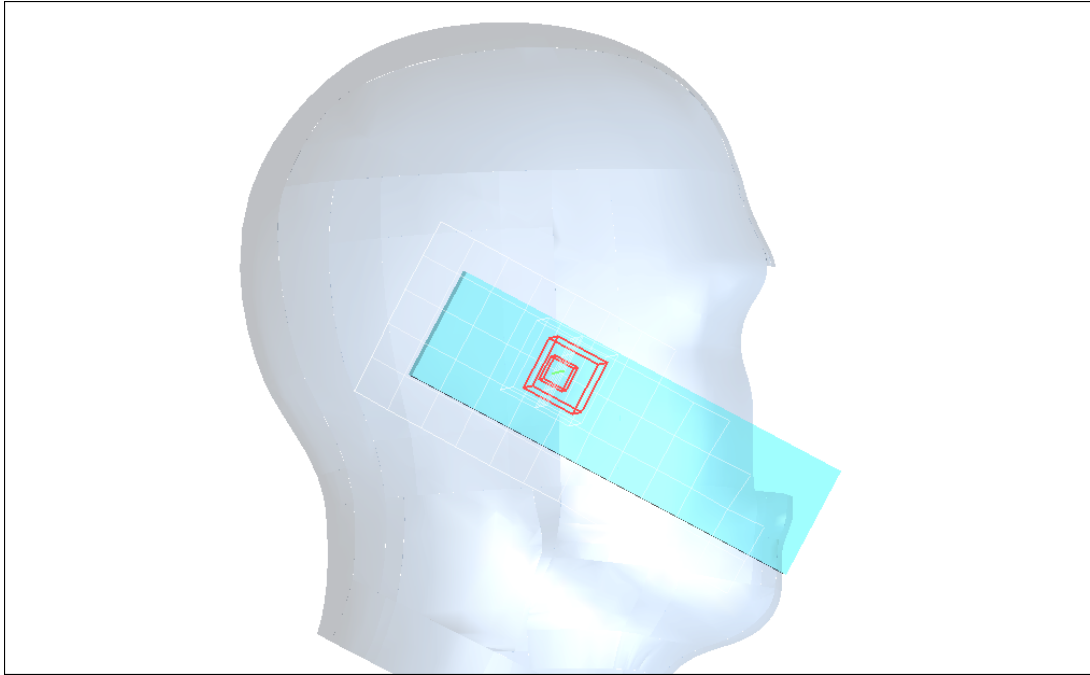
Maximum value of SAR (measured) = 11.9 mW/g



Date/Time: 5/10/2005 11:25:20 AM

Test Laboratory: Compliance Certification Services Inc.

Left Head



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Left CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Left Cheek Low CH512/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.807 mW/g

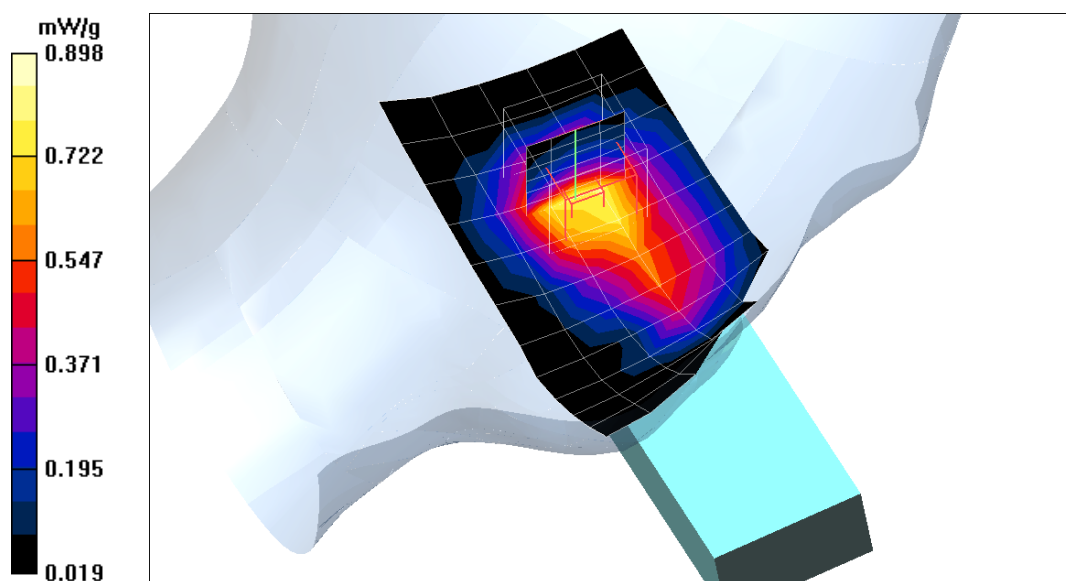
Left Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.518 mW/g

Maximum value of SAR (measured) = 0.898 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Left CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Left Cheek Middle CH661/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.766 mW/g

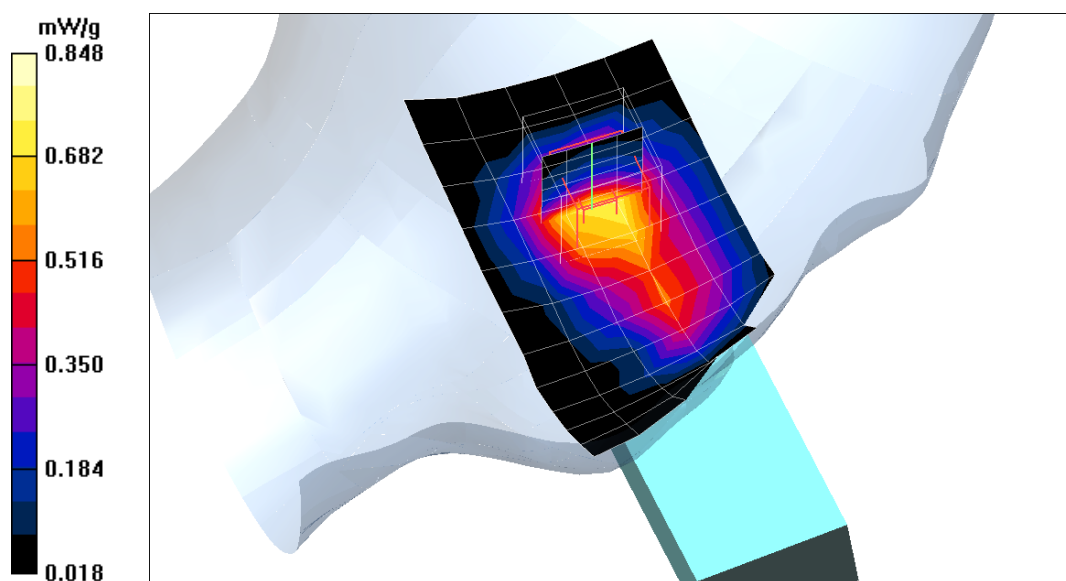
Left Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.476 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Left CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Left Cheek High CH810/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.784 mW/g

Left Cheek 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 = -0.066 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 0.856 mW/g

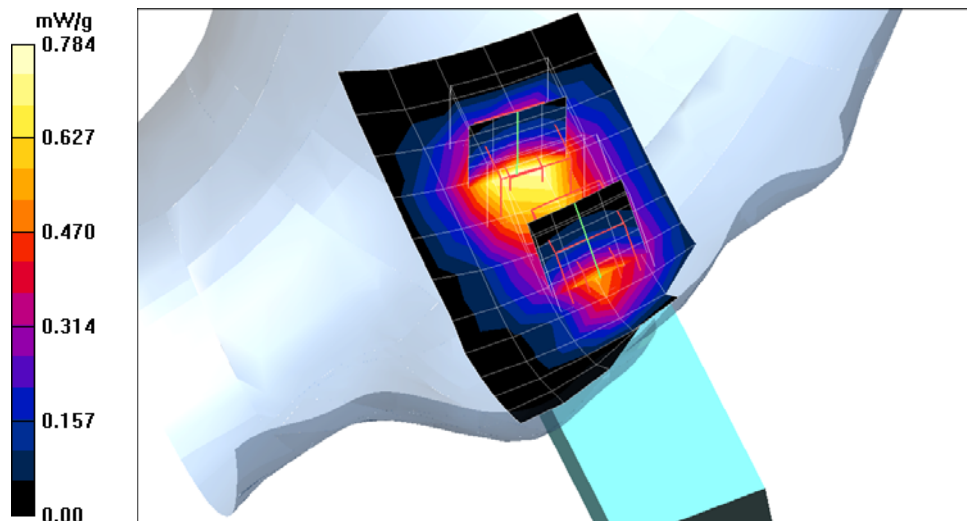
Left Cheek High CH810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.923 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 0.616 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Left CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Left Tilted Low CH512/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.730 mW/g

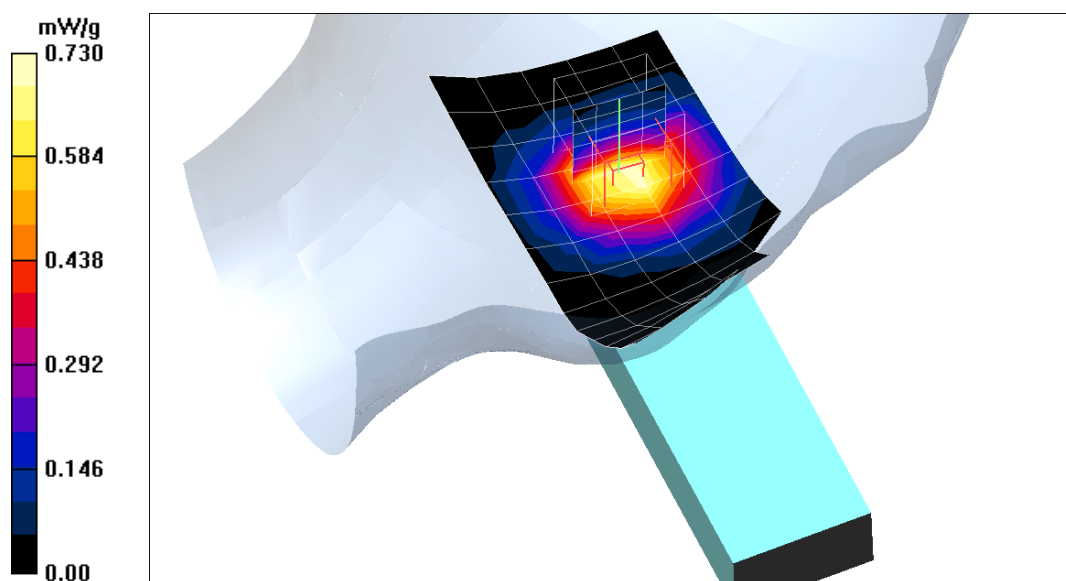
Left Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.9 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.448 mW/g

Maximum value of SAR (measured) = 0.791 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Left CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Left Tilted Middle CH661/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.658 mW/g

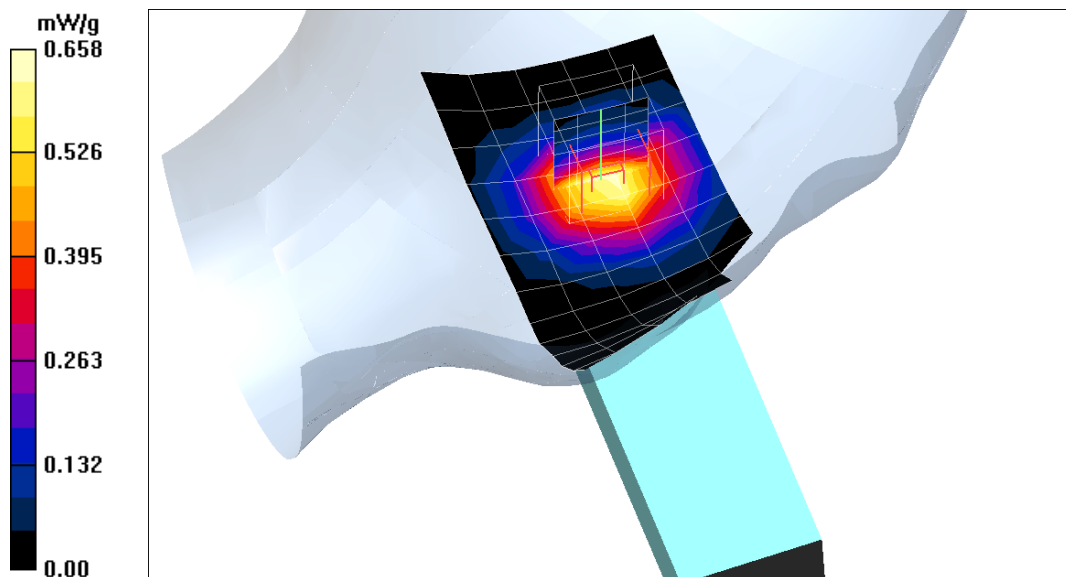
Left Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.956 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.701 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Left CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Left Tilted High CH810/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.662 mW/g

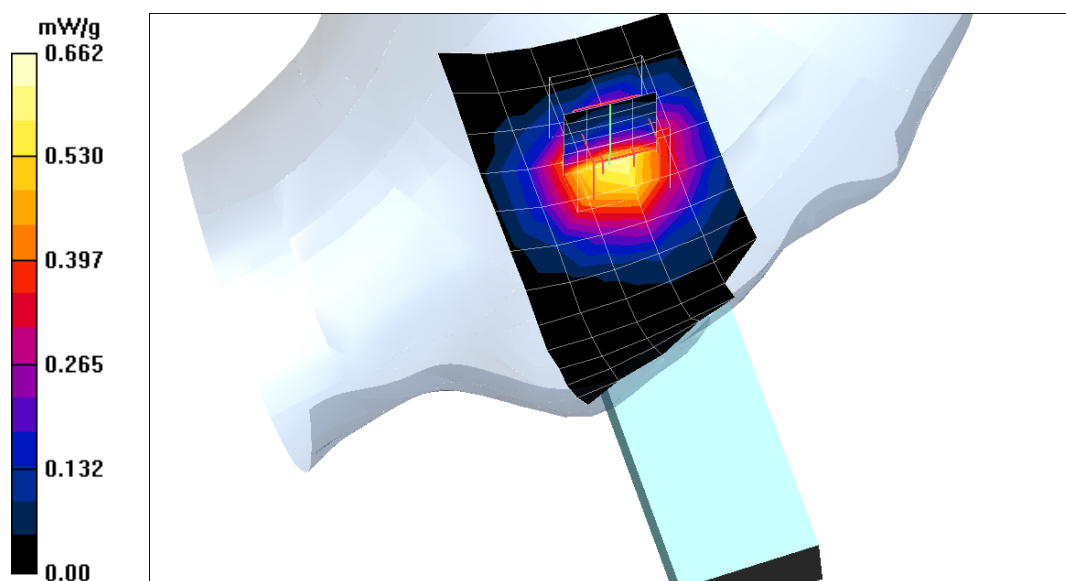
Left Tilted High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = 0.2 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.375 mW/g

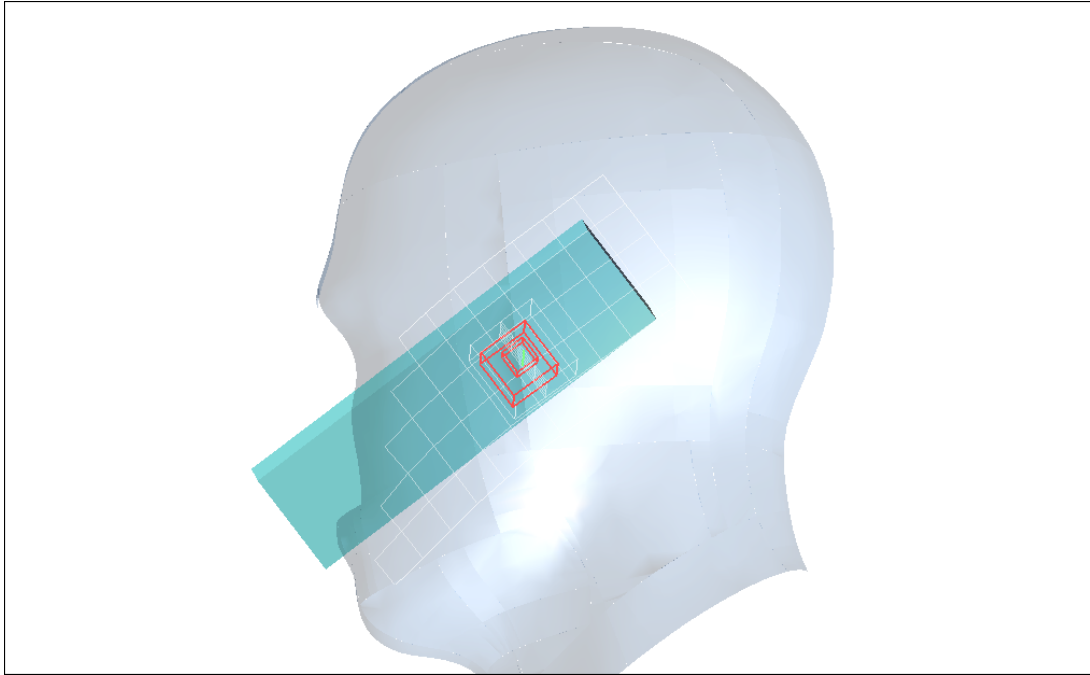
Maximum value of SAR (measured) = 0.673 mW/g



Date/Time: 5/10/2005 1:04:51 PM

Test Laboratory: Compliance Certification Services Inc.

Right Head



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Right Cheek Low CH512/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.854 mW/g

Right Cheek Low CH512/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.16 mW/g

Right Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.057 dB

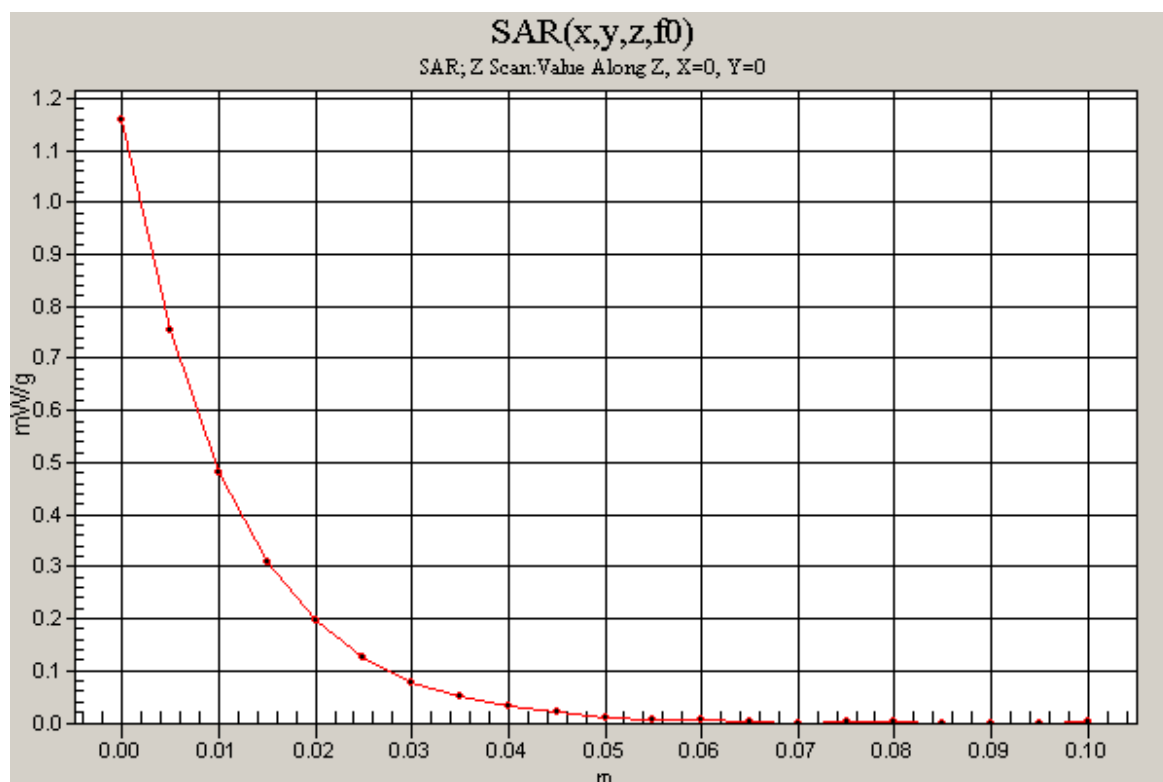
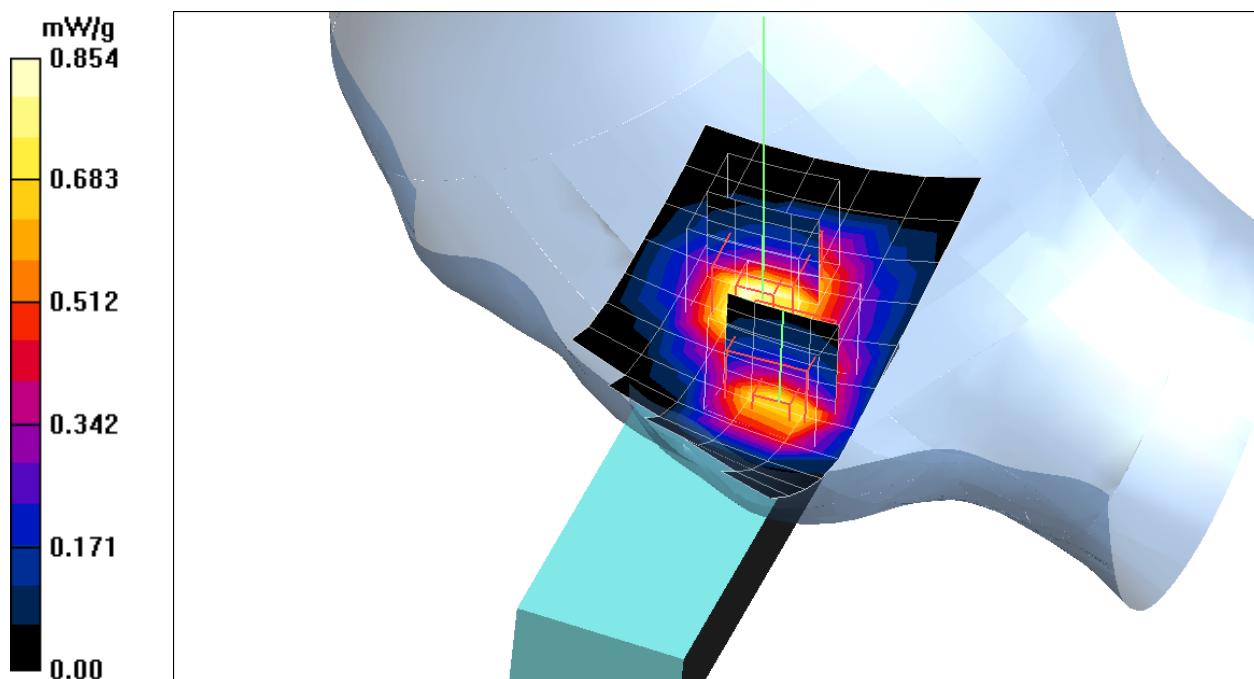
Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.529 mW/g

Maximum value of SAR (measured) = 0.956 mW/g

Right Cheek Low CH512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 0.789 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Right Cheek Middle CH661/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.799 mW/g

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

Reference Value = 18.2 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.813 mW/g; SAR(10 g) = 0.485 mW/g

Maximum value of SAR (measured) = 0.897 mW/g

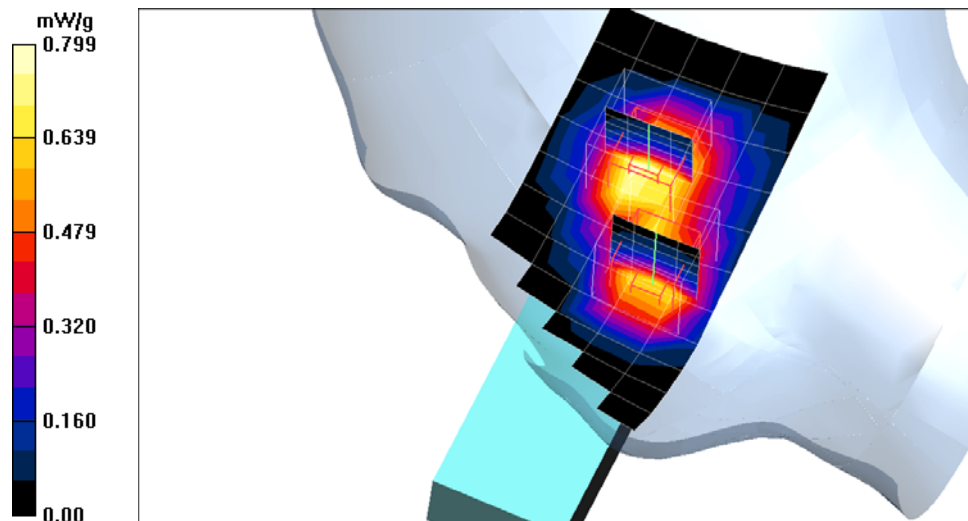
Right Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.409 mW/g

Maximum value of SAR (measured) = 0.747 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 38.9$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Right Cheek High CH810/Area Scan (6x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.827 mW/g

Right Cheek High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.6 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.488 mW/g

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

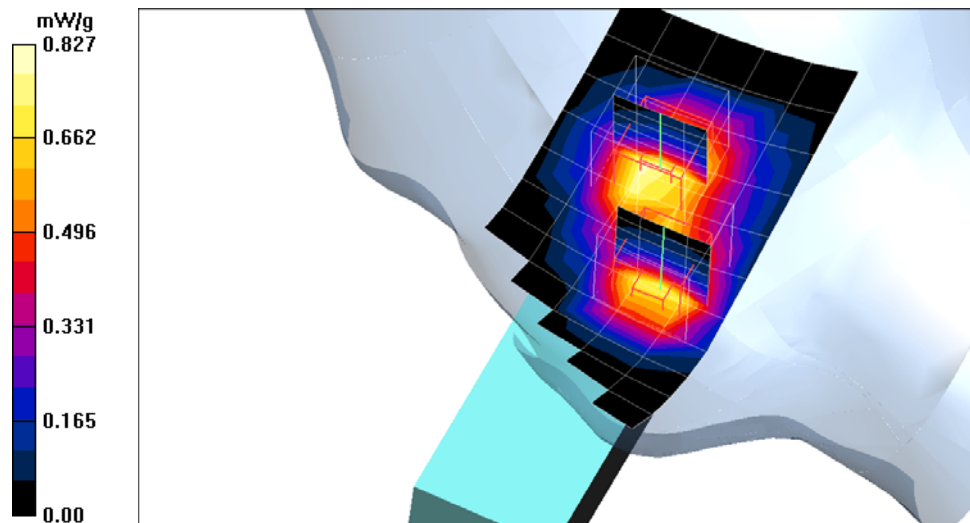
Right Cheek High CH810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.6 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.435 mW/g

Maximum value of SAR (measured) = 0.815 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Right Tilted Low CH512/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.812 mW/g

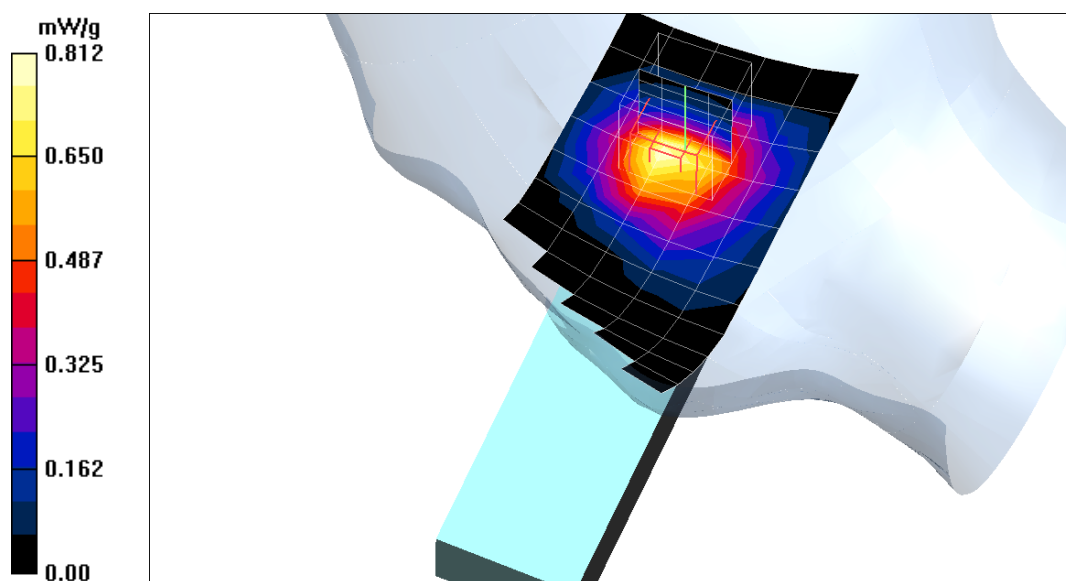
Right Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.767 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.814 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Right Tilted Middle CH661/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.721 mW/g

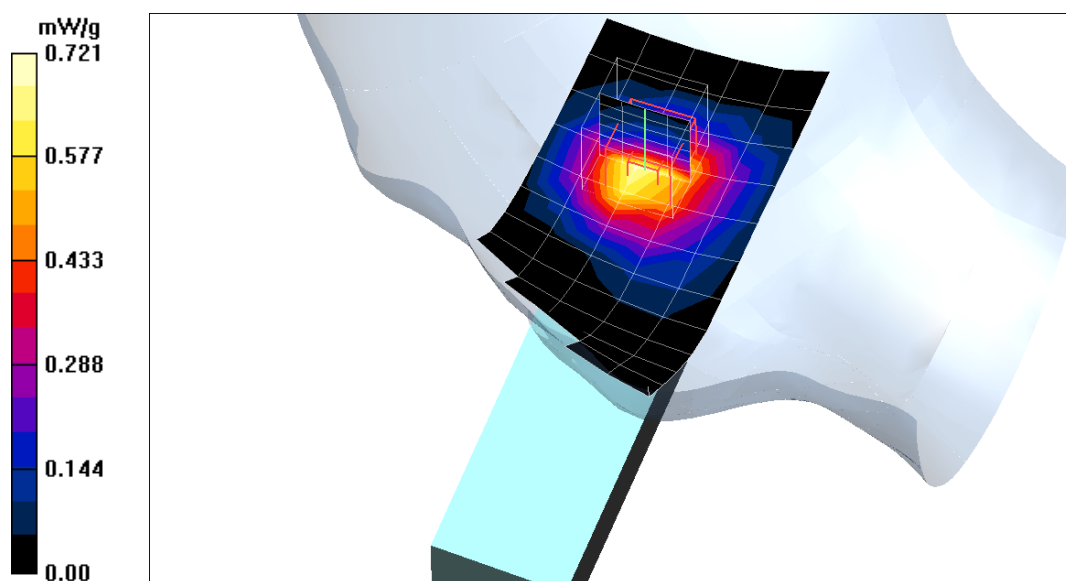
Right Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.745 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Right CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.61, 6.61, 6.61); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Right Tilted High CH810/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.677 mW/g

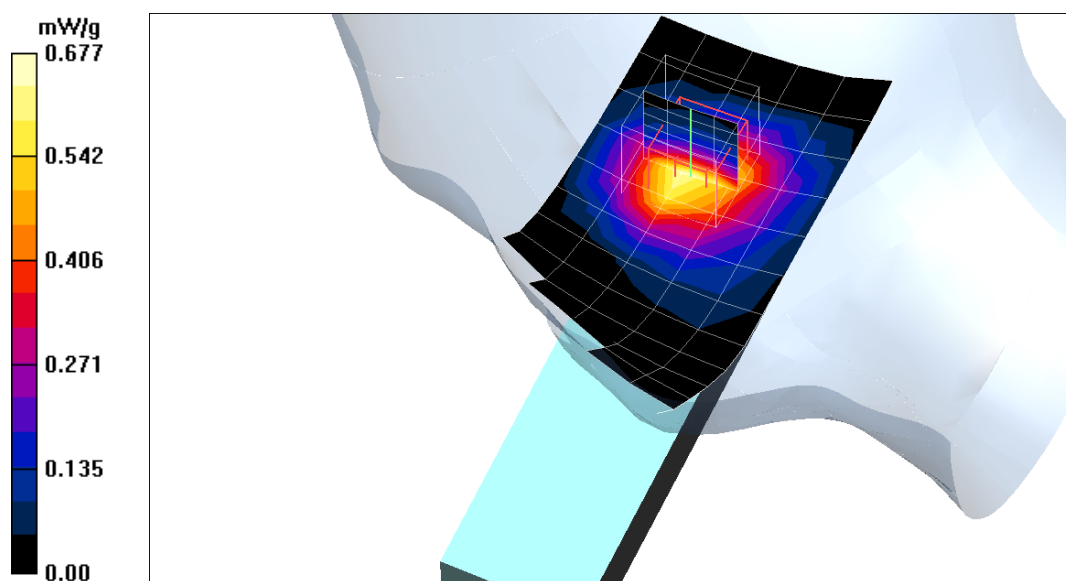
Right Tilted High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.986 W/kg

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.374 mW/g

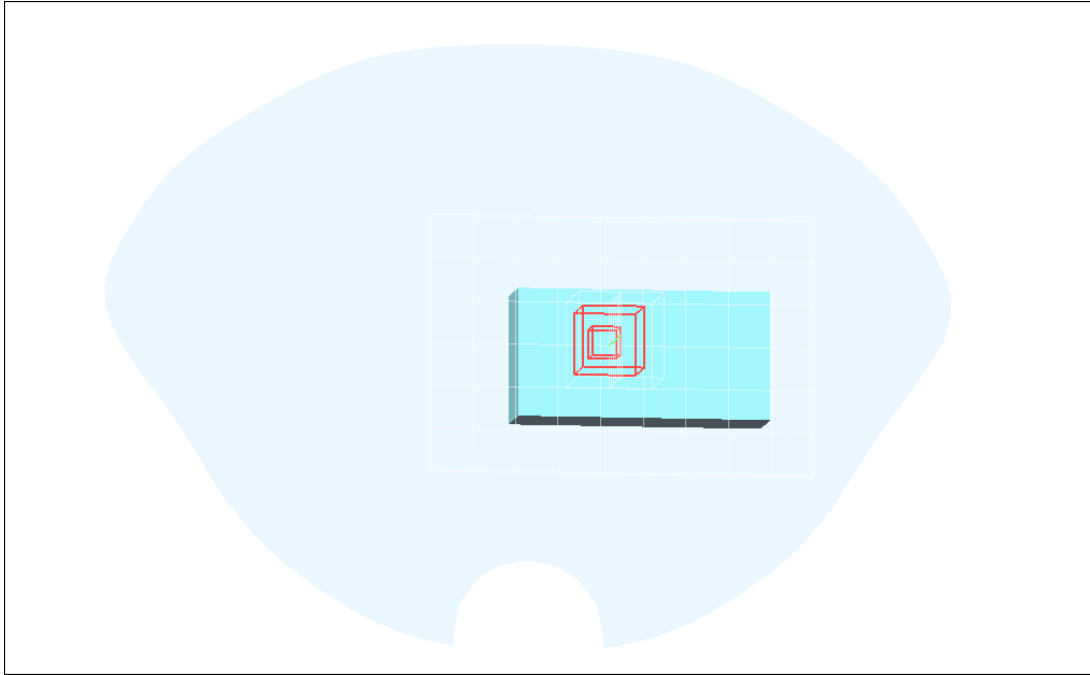
Maximum value of SAR (measured) = 0.687 mW/g



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Test Laboratory: Compliance Certification Services Inc.

Body



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front Body Low CH512/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

Front Body Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.04 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.131 mW/g

Maximum value of SAR (measured) = 0.271 mW/g

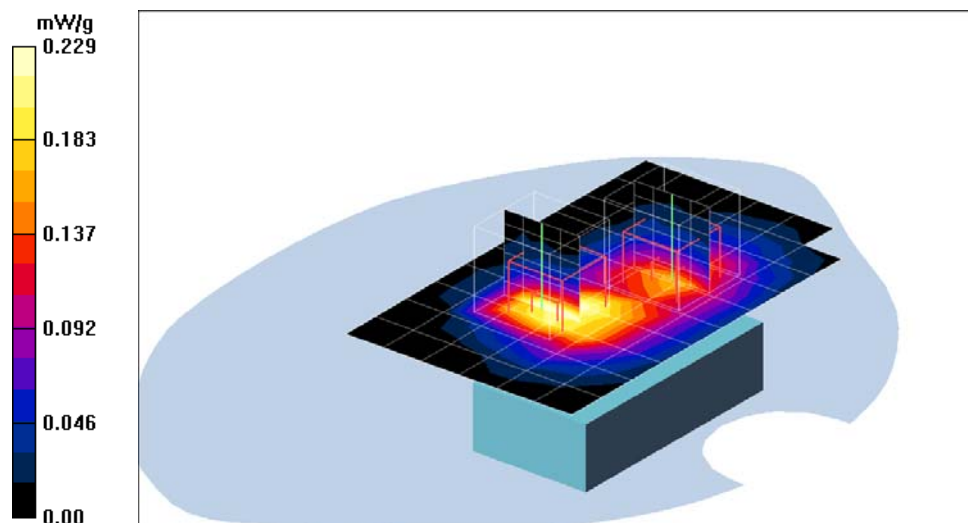
Front Body Low CH512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.04 V/m; Power Drift = 0.181 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front Body Middle CH661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.209 mW/g

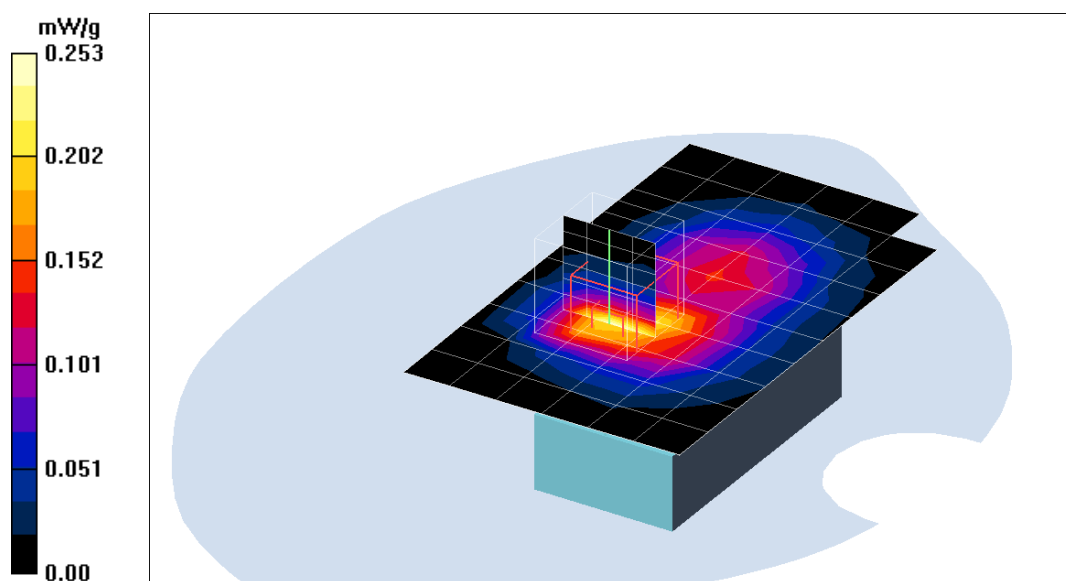
Front Body Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.53 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.119 mW/g

Maximum value of SAR (measured) = 0.253 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front Body High CH810/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.232 mW/g

Front Body High CH810/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.424 mW/g

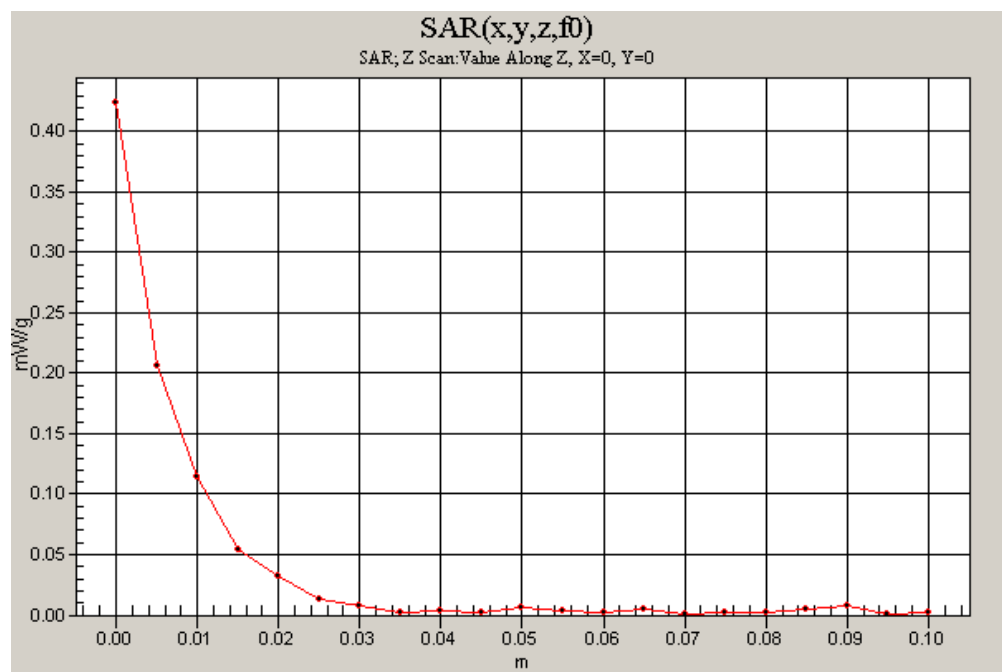
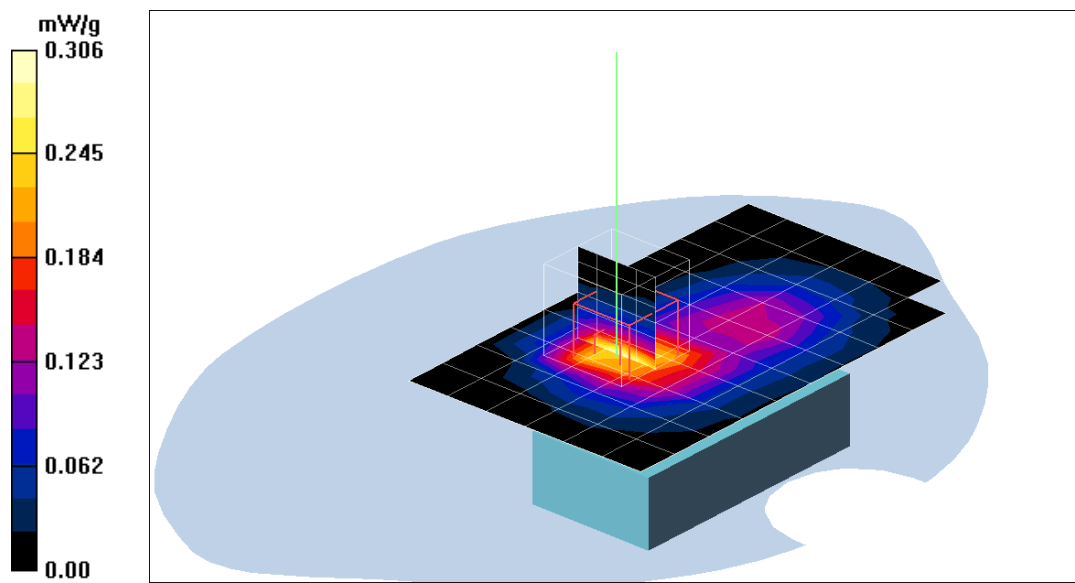
Front Body High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.39 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.306 mW/g



Test Laboratory: Compliance Certification Services Inc.

GPRS 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front Body Low CH512/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.369 mW/g

Front Body Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.732 W/kg

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.227 mW/g

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

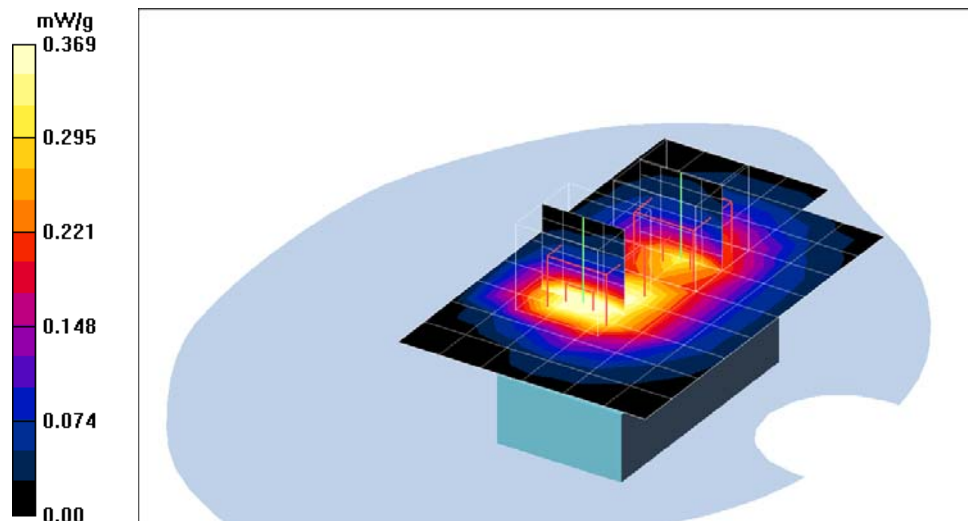
Front Body Low CH512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.55 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.179 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GPRS 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front Body Middle CH661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.374 mW/g

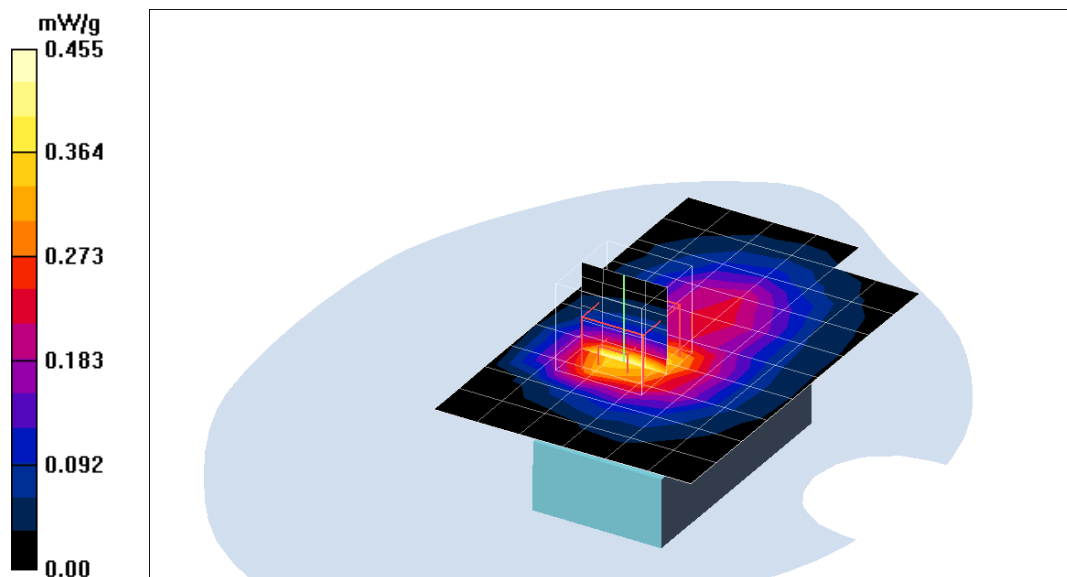
Front Body Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.33 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.455 mW/g



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Test Laboratory: Compliance Certification Services Inc.

GPRS 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Front Body High CH810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Front Body High CH810/Z Scan (1x1x21): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$, $dz=5\text{mm}$

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

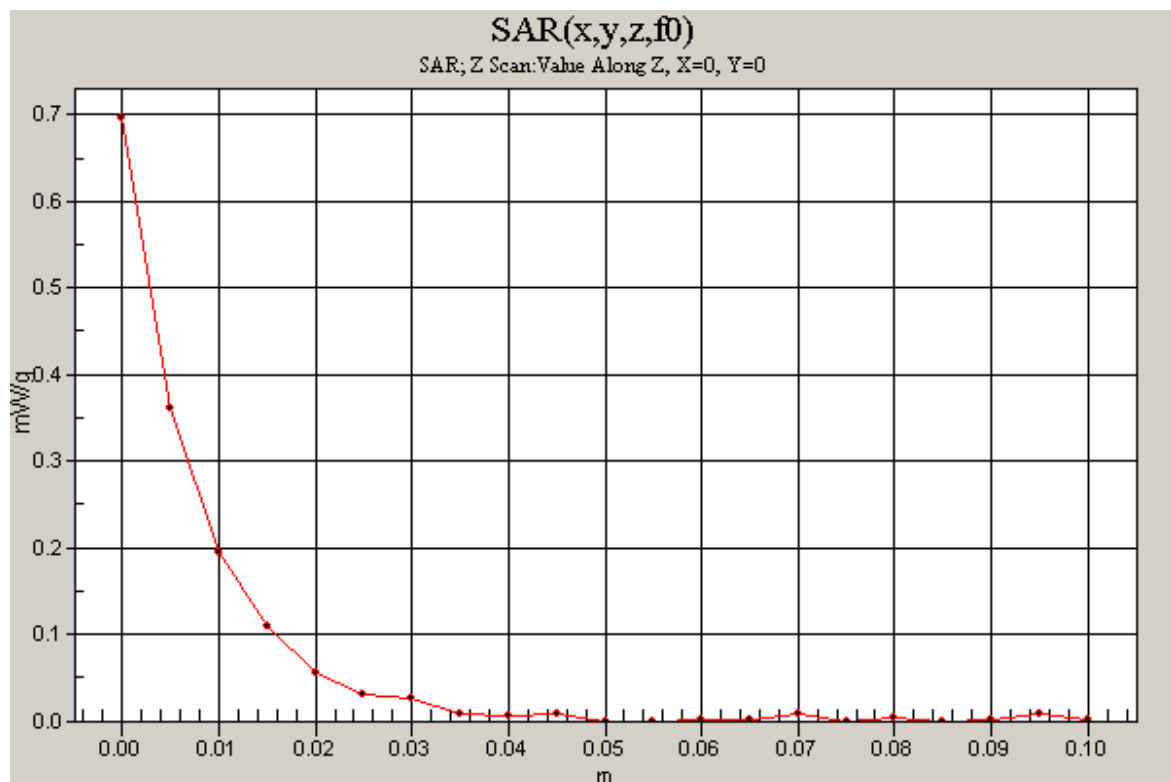
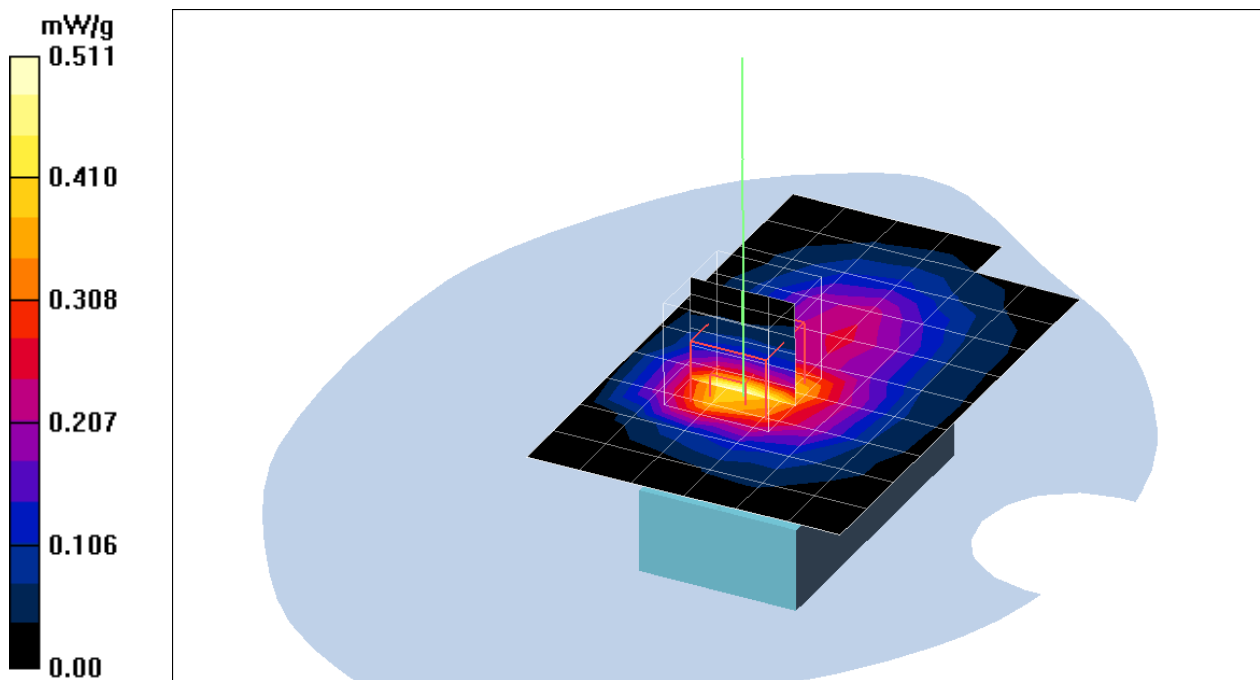
Front Body High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.92 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.867 W/kg

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.511 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Back Body Low CH512/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.073 mW/g

Back Body Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.0728 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.082 mW/g

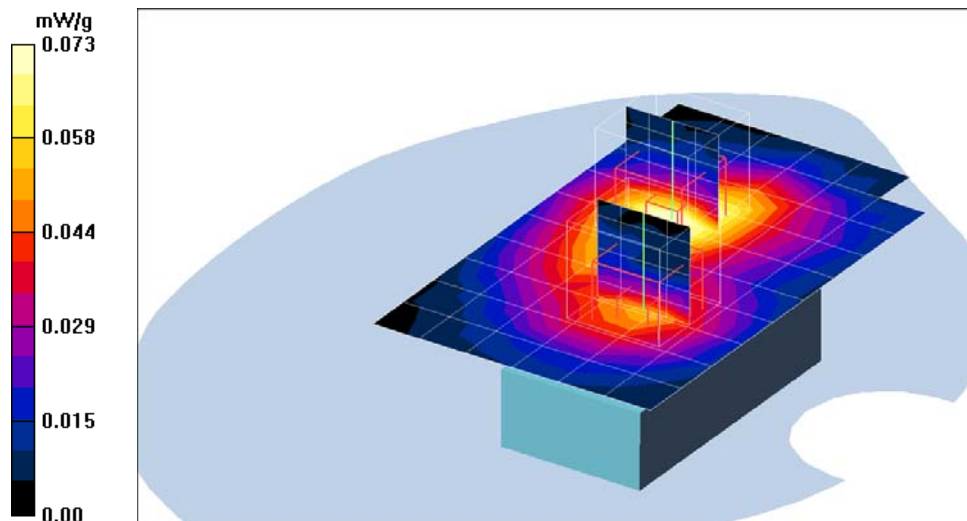
Back Body Low CH512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.079 W/kg

SAR(1 g) = 0.0492 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Back Body Middle CH661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.060 mW/g

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

Reference Value = 4.89 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.130 W/kg

SAR(1 g) = 0.0579 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.063 mW/g

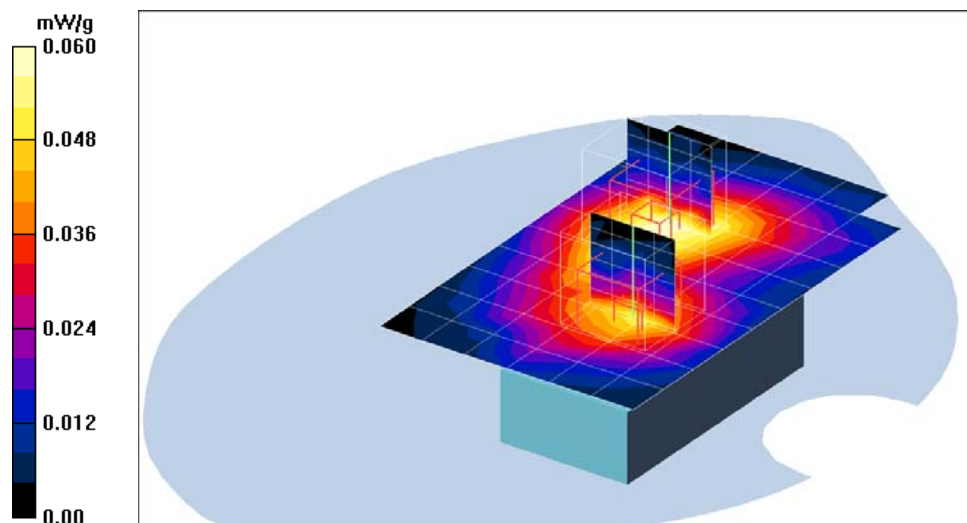
Back Body Middle CH661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.89 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.0499 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Back Body High CH810/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.063 mW/g

Back Body High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.35 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.087 W/kg

SAR(1 g) = 0.0574 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

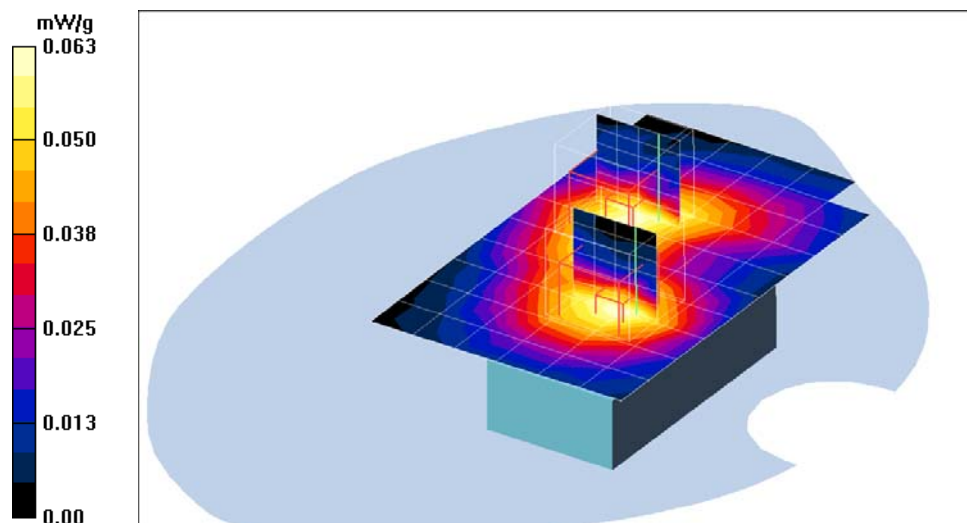
Back Body High CH810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.35 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.089 W/kg

SAR(1 g) = 0.0563 mW/g; SAR(10 g) = 0.035 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GPRS 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Back Body Low CH512/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.140 mW/g

Back Body Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.145 mW/g

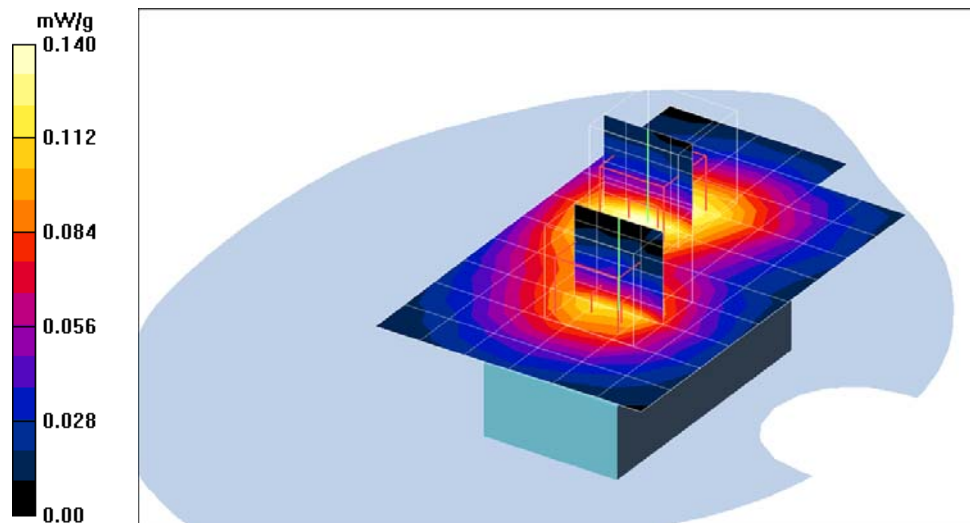
Back Body Low CH512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.41 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.065 mW/g

Maximum value of SAR (measured) = 0.115 mW/g



Test Laboratory: Compliance Certification Services Inc.

GPRS 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Back Body Middle CH661/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.117 mW/g

Back Body Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.31 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.119 mW/g

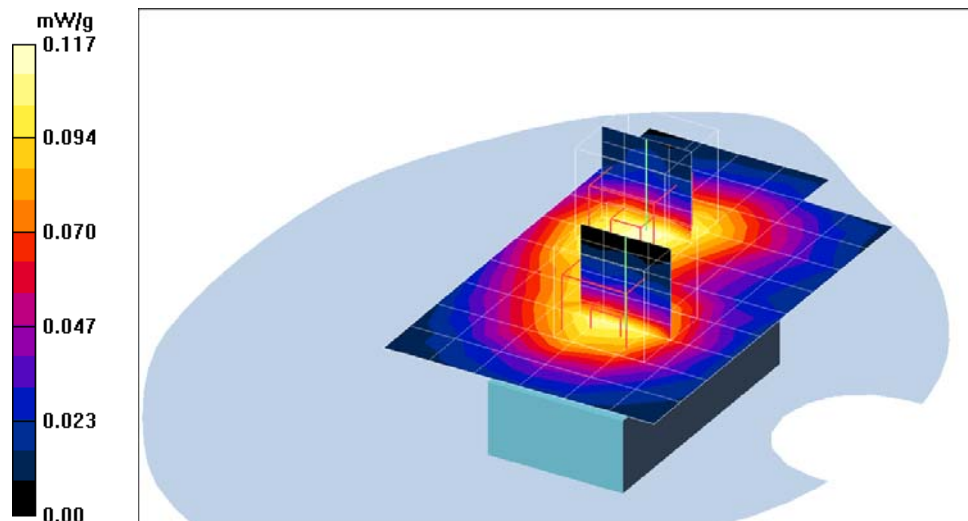
Back Body Middle CH661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.31 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.064 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GPRS 1900-Body CL75

DUT: CL75; Type: Tri-Band Mobile Phone; Serial: N/A

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

Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 52$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 24.1 deg C; Liquid Temperature: 23.2 deg C

Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g

Zoom scan setting: Maximum number of cubes to measure is 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.24, 6.24, 6.24); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Back Body High CH810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.124 mW/g

Back Body High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.91 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.073 mW/g

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

Back Body High CH810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.91 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.174 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.072 mW/g

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

