

Test Laboratory: Compliance Certification Services Inc.

D835V2-SN 4d015-Head

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d015

Communication System: CW 835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.894 \text{ mho/m}$; $\epsilon_r = 40.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.68 mW/g

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

Reference Value = 51.3 V/m; Power Drift = -0.004 dB

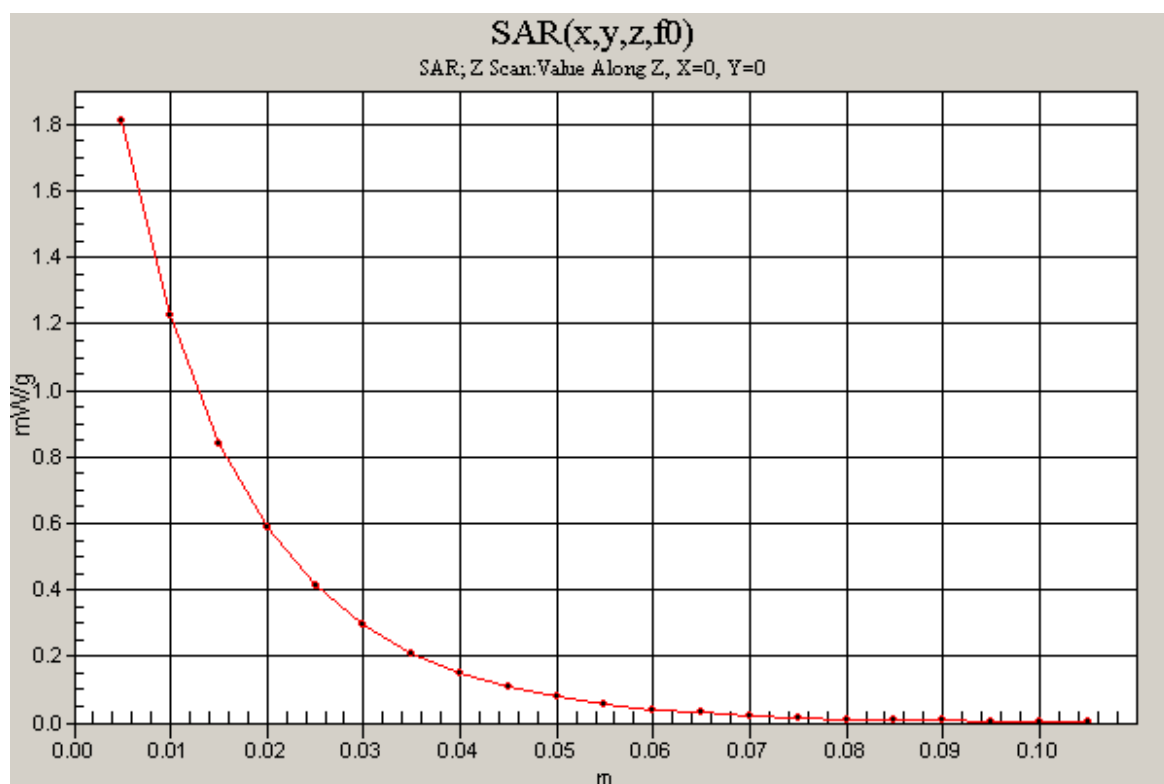
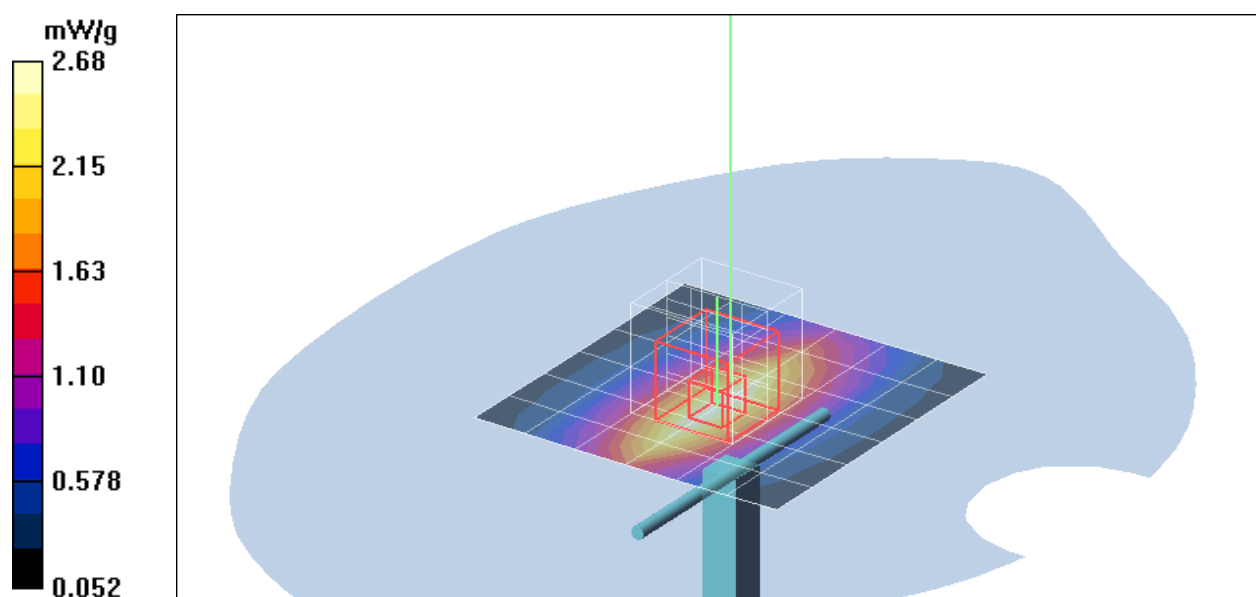
Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 2.21 mW/g; SAR(10 g) = 1.43 mW/g

Maximum value of SAR (measured) = 2.72 mW/g

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

Maximum value of SAR (measured) = 1.81 mW/g



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 (interpolated): $f = 1900$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (measured) = 7.19 mW/g

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

Reference Value = 84.9 V/m; Power Drift = -0.064 dB

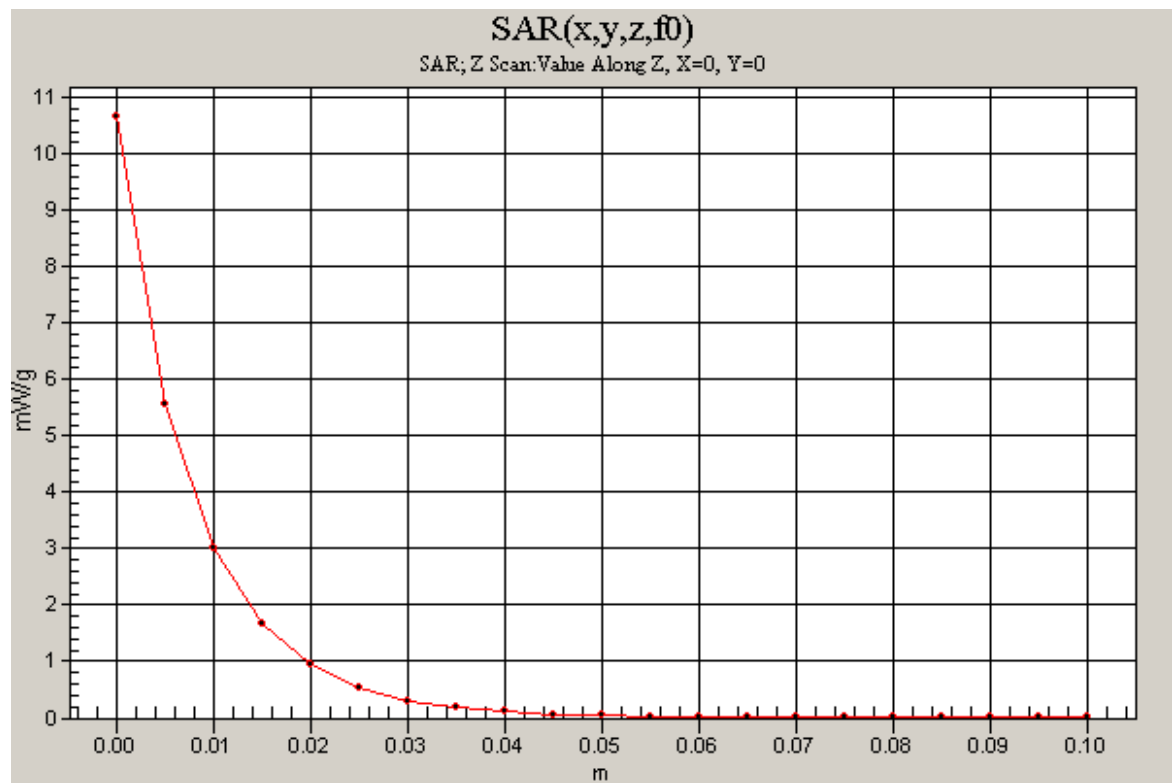
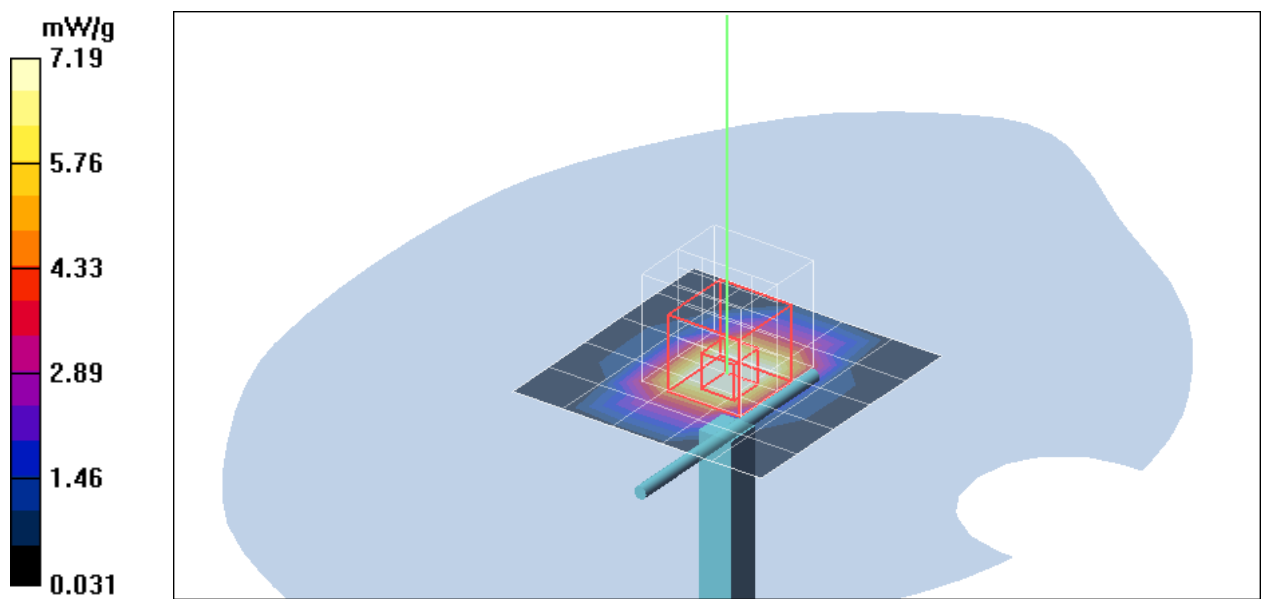
Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 9.39 mW/g; SAR(10 g) = 4.72 mW/g

Maximum value of SAR (measured) = 10.5 mW/g

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

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



Test Laboratory: Compliance Certification Services Inc.

D835V2-SN 4d015-Body

DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d015

Communication System: CW 835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.939 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.5 deg C ; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.72, 9.72, 9.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.83 mW/g

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

Reference Value = 51.7 V/m ; Power Drift = -0.012 dB

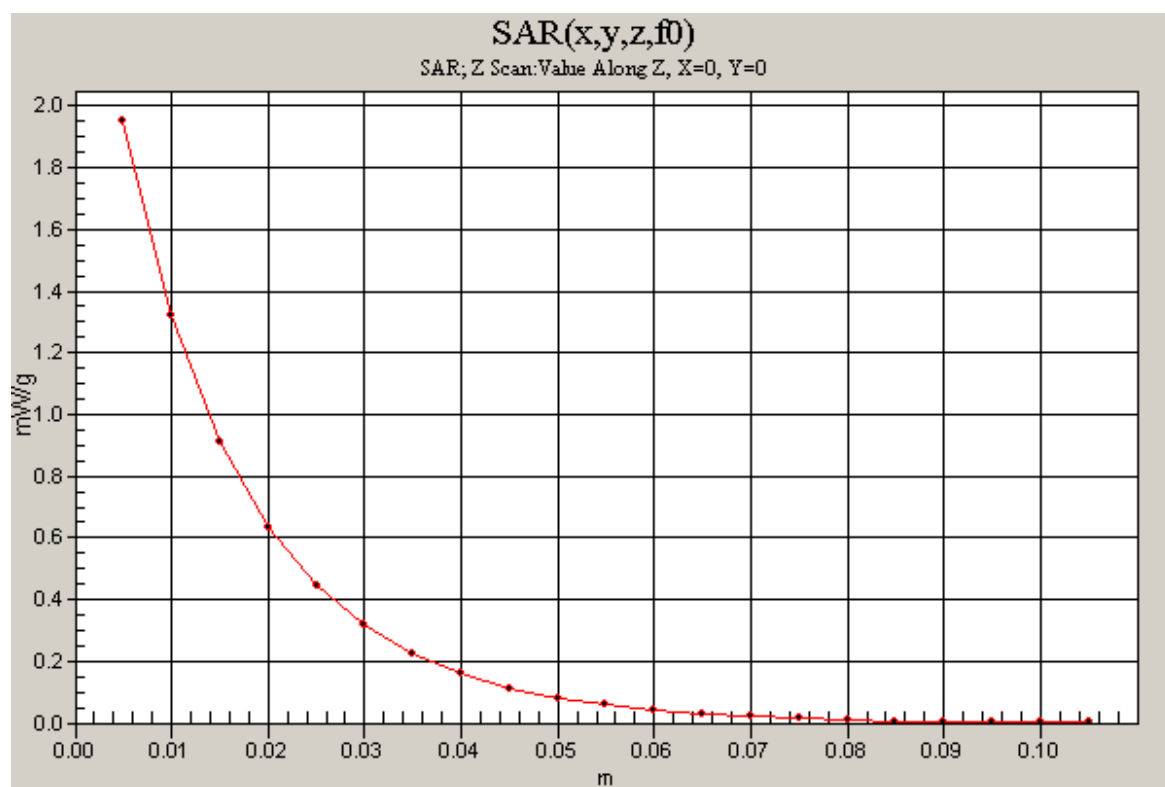
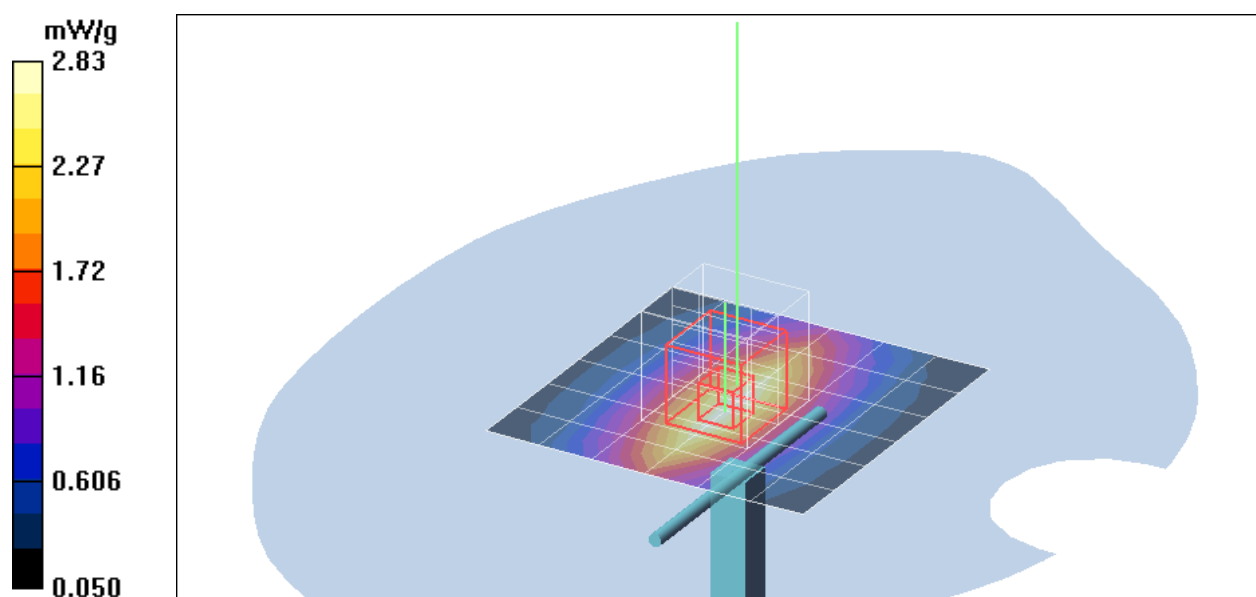
Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 2.35 mW/g; SAR(10 g) = 1.52 mW/g

Maximum value of SAR (measured) = 2.88 mW/g

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

Maximum value of SAR (measured) = 1.95 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; $\sigma = 1.49$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.82, 7.82, 7.82);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

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

Maximum value of SAR (measured) = 8.88 mW/g

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

Reference Value = 97.3 V/m; Power Drift = -0.033 dB

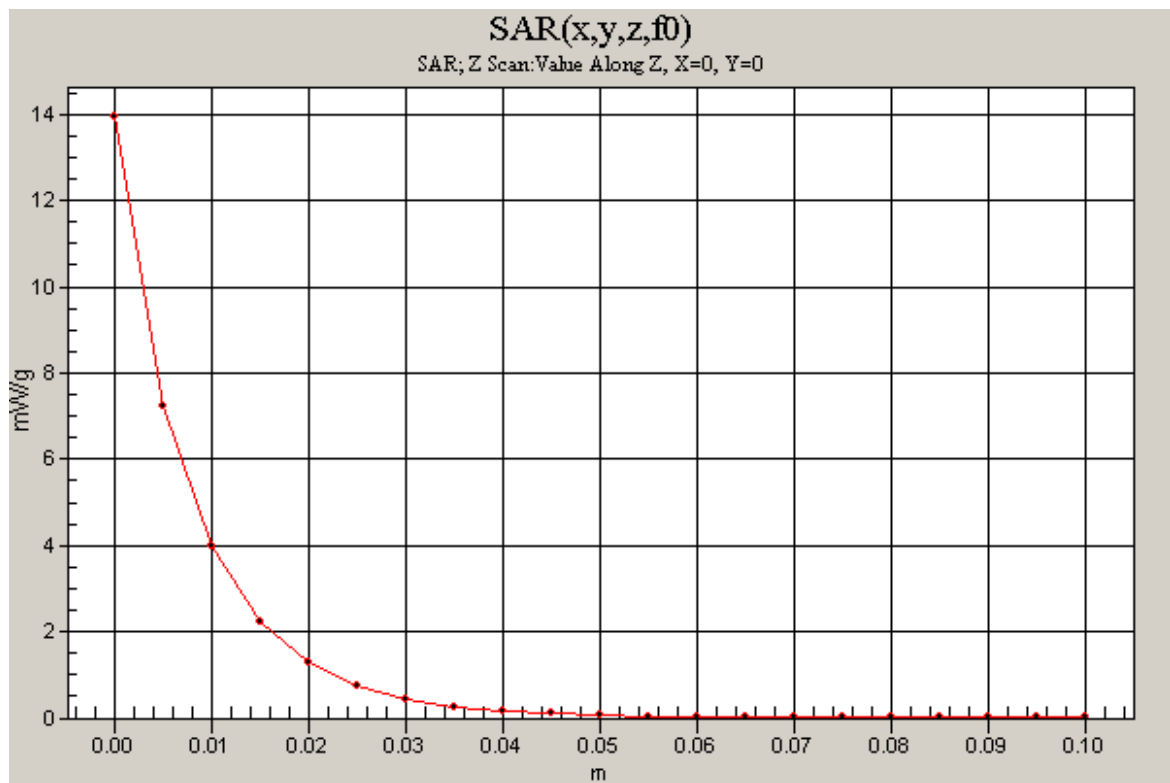
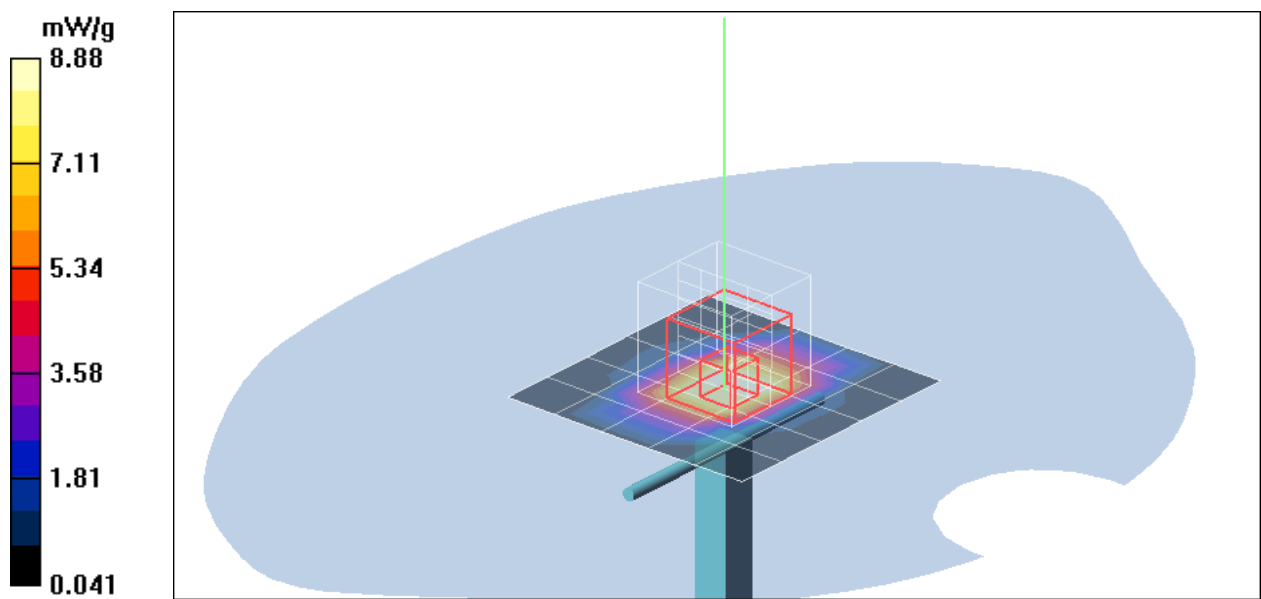
Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.01 mW/g

Maximum value of SAR (measured) = 13.3 mW/g

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

Maximum value of SAR (measured) = 13.9 mW/g



Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Head

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

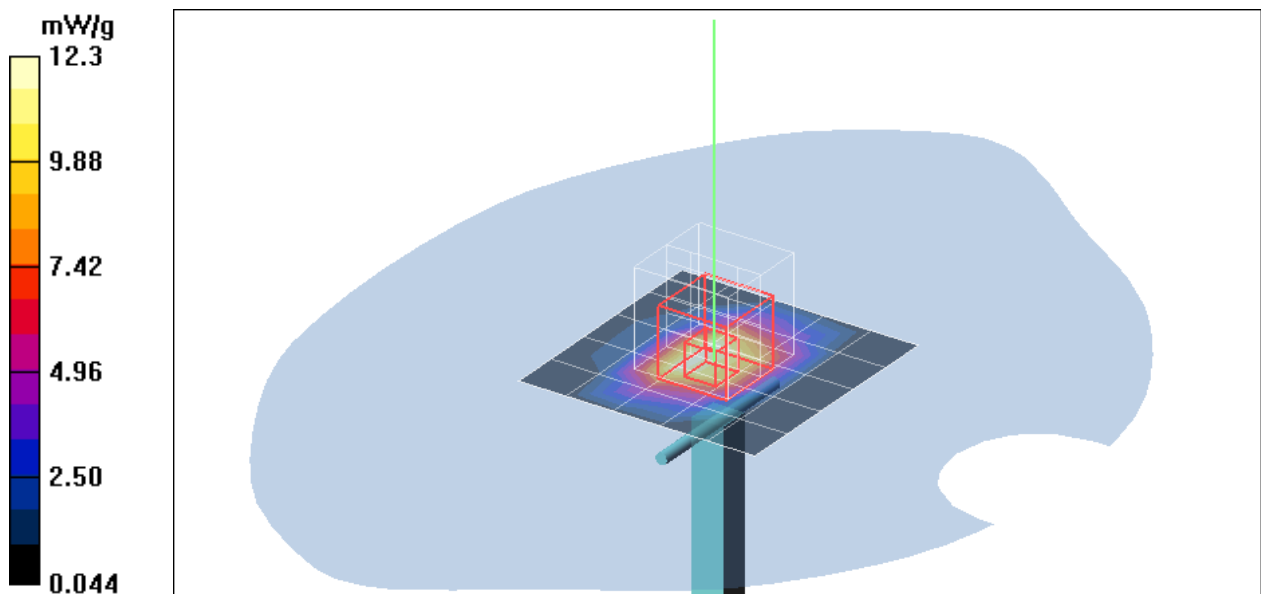
DASY4 Configuration:

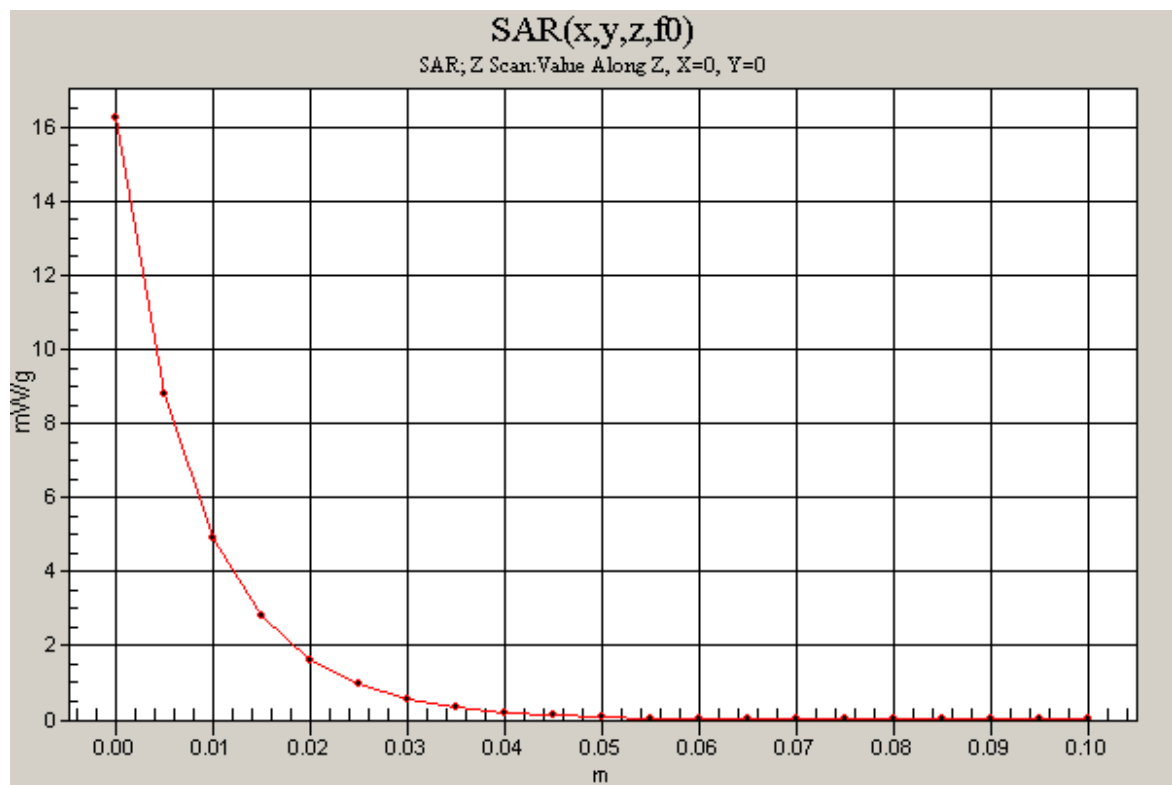
- Probe: EX3DV4 - SN3554; ConvF(6.04, 6.04, 6.04);
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 12.3 mW/g

Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 93.2 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 27.5 W/kg
SAR(1 g) = 14.4 mW/g; SAR(10 g) = 7.38 mW/g
Maximum value of SAR (measured) = 16.2 mW/g

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





Test Laboratory: Compliance Certification Services Inc.

D2450V2-SN 728-Body

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 51.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 9.64 mW/g

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

Reference Value = 87.7 V/m; Power Drift = -0.023 dB

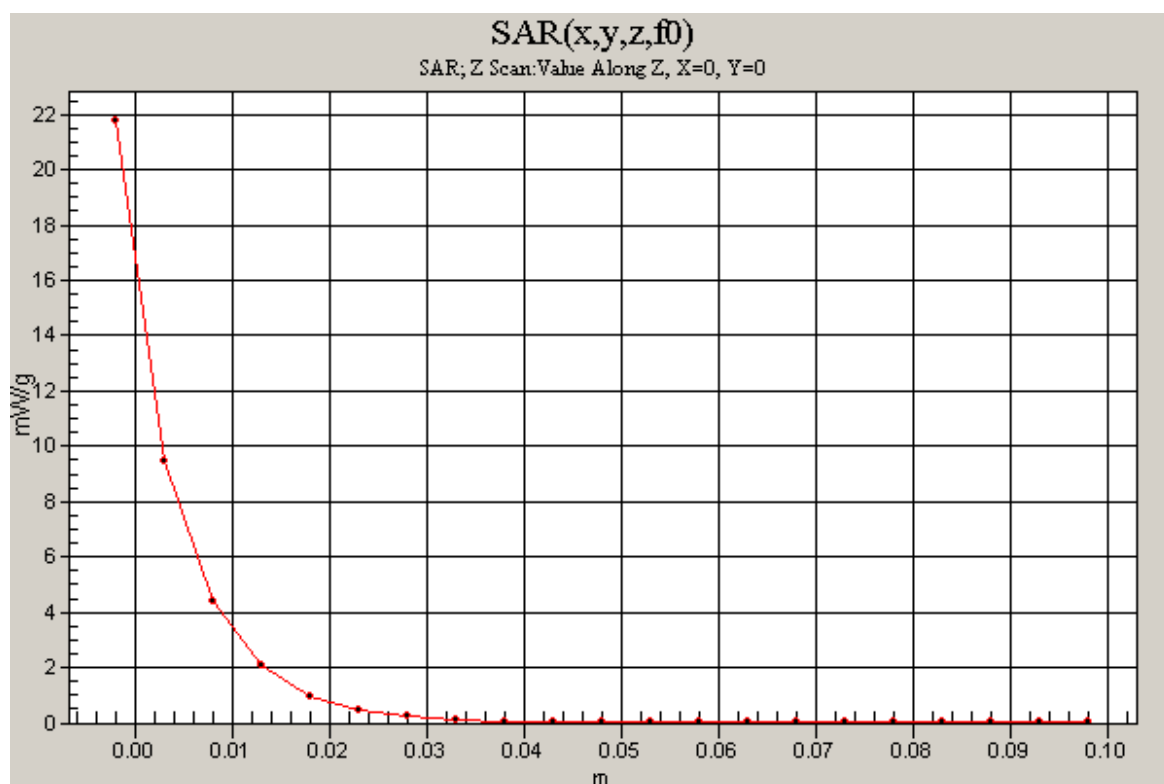
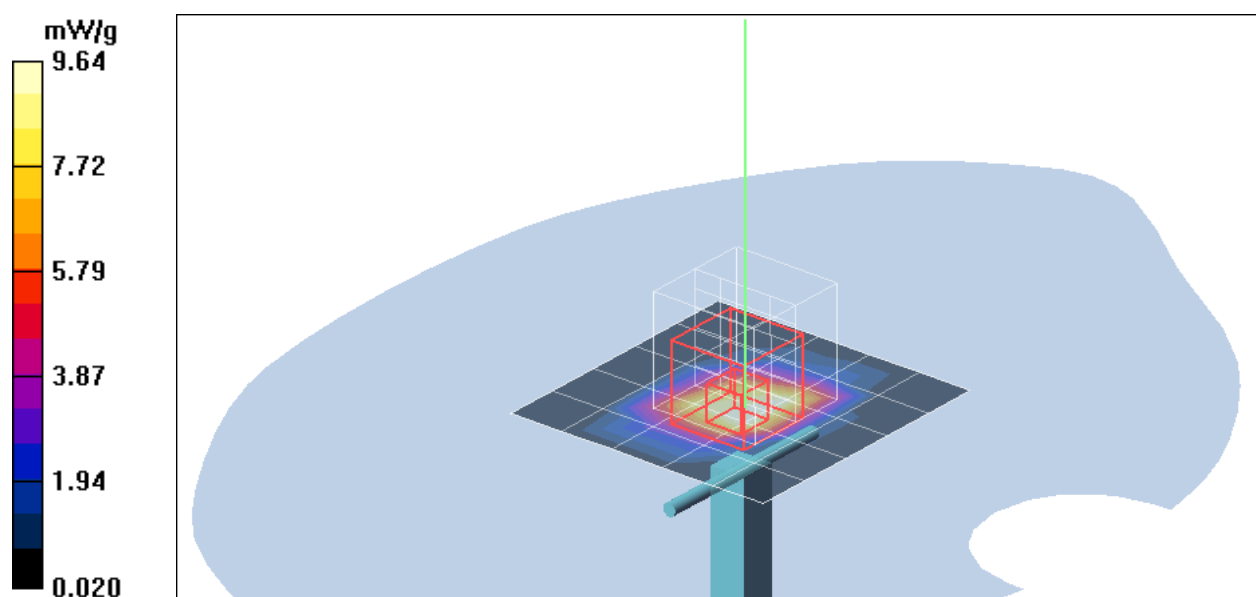
Peak SAR (extrapolated) = 30.8 W/kg

SAR(1 g) = 13.6 mW/g; SAR(10 g) = 5.9 mW/g

Maximum value of SAR (measured) = 15.3 mW/g

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

Maximum value of SAR (measured) = 21.8 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.884$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left Cheek Low CH128/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Left Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.373 mW/g

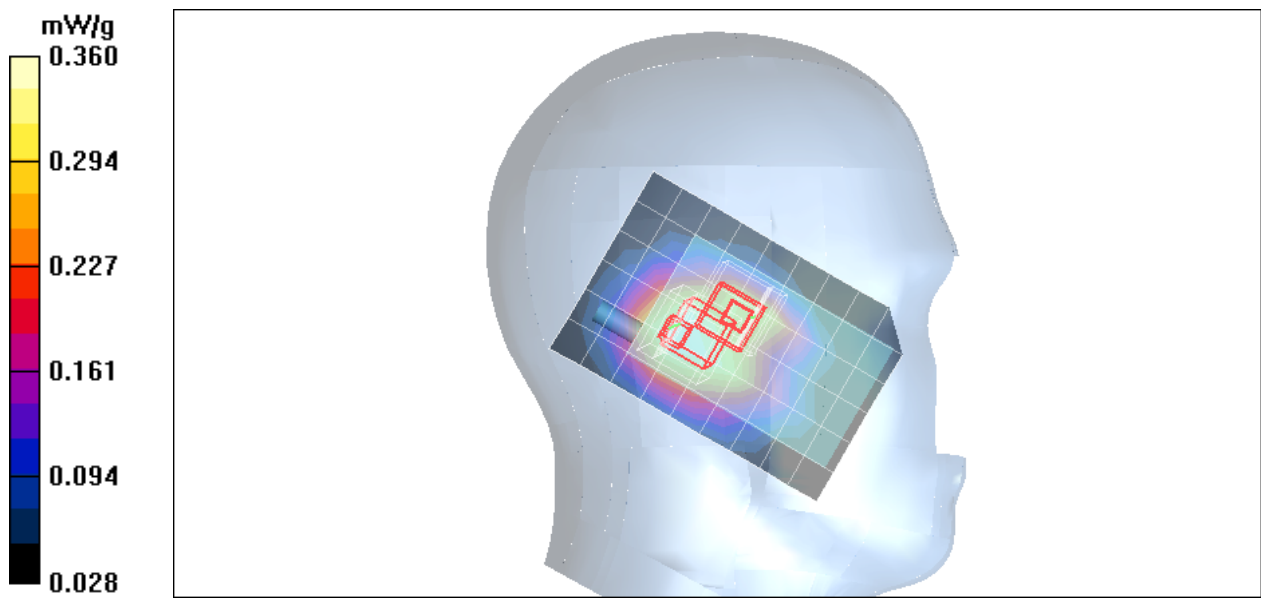
Left Cheek Low CH128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.360 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

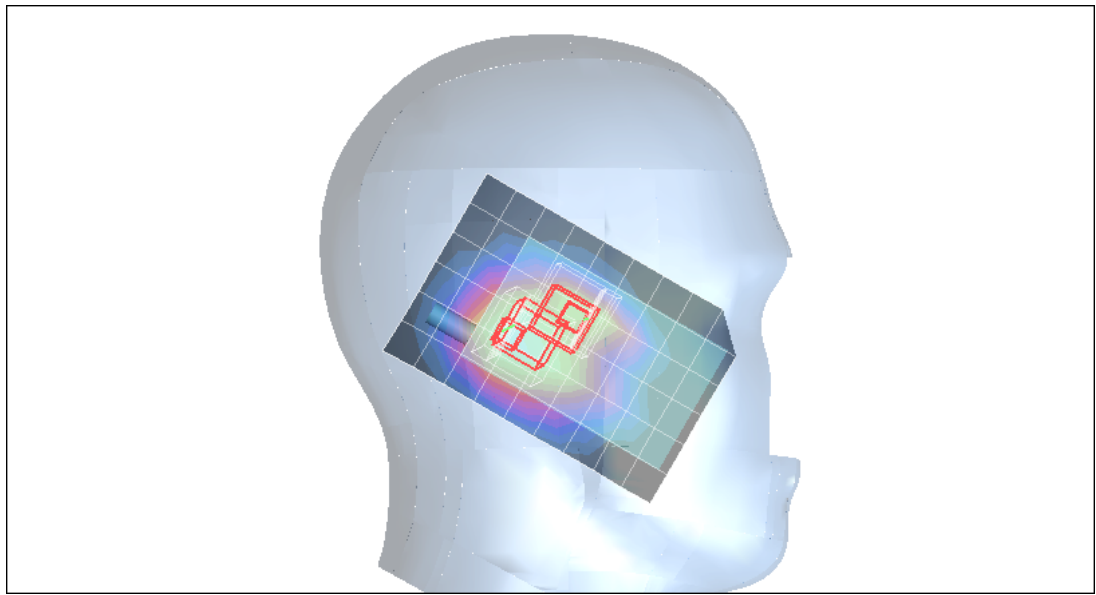
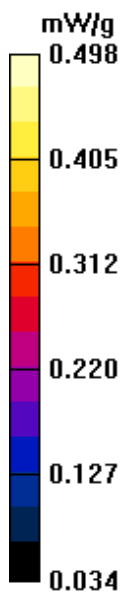
DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left Cheek Middle CH190/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.500 mW/g

Left Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.6 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.302 mW/g
Maximum value of SAR (measured) = 0.495 mW/g

Left Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.6 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.603 W/kg
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.289 mW/g
Maximum value of SAR (measured) = 0.498 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left Cheek High CH251/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Left Cheek High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.596 W/kg

SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.298 mW/g

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

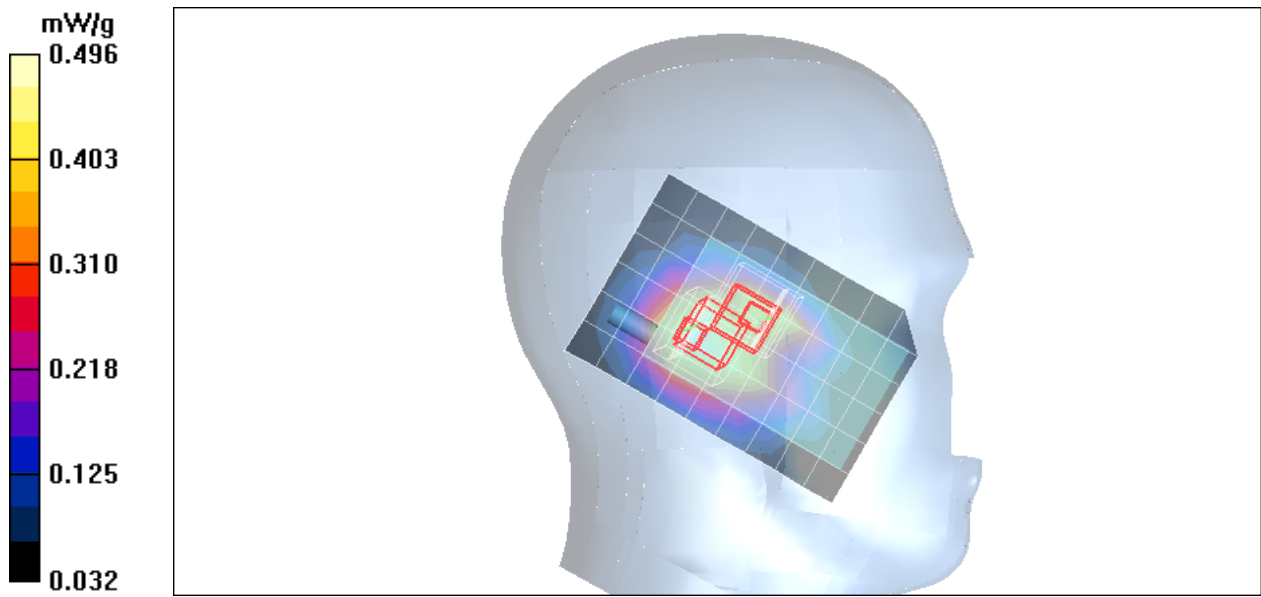
Left Cheek High CH251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.285 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.884$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left Tilted Low CH128/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.438 mW/g

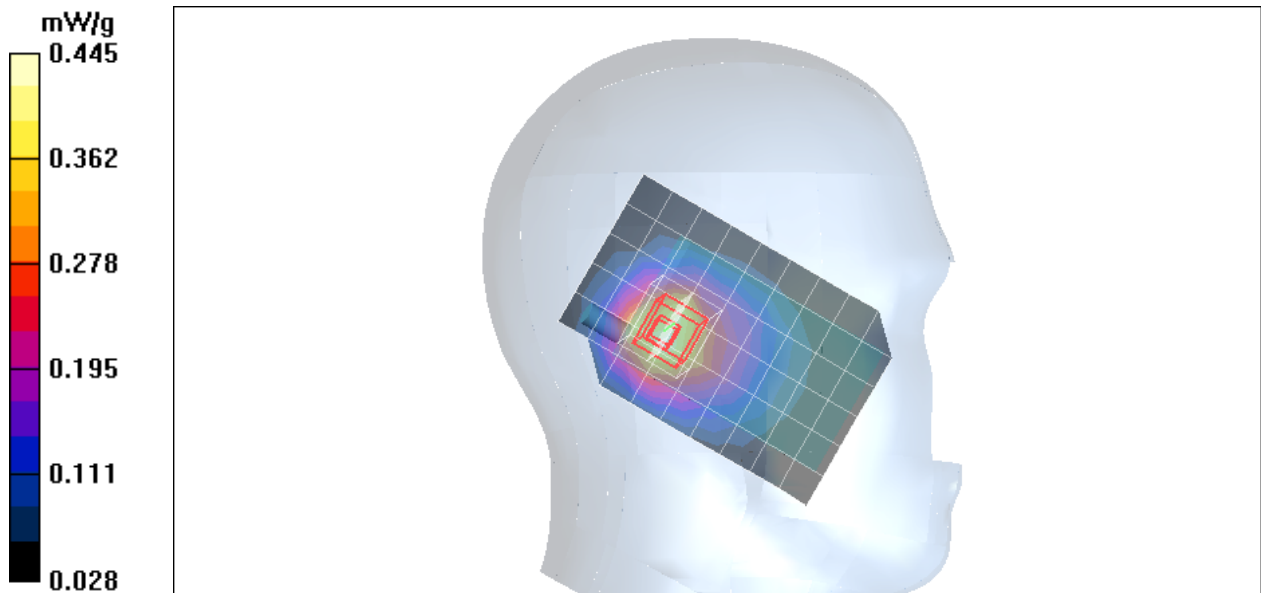
Left Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.3 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.246 mW/g

Maximum value of SAR (measured) = 0.445 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left Tilted Middle CH190/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

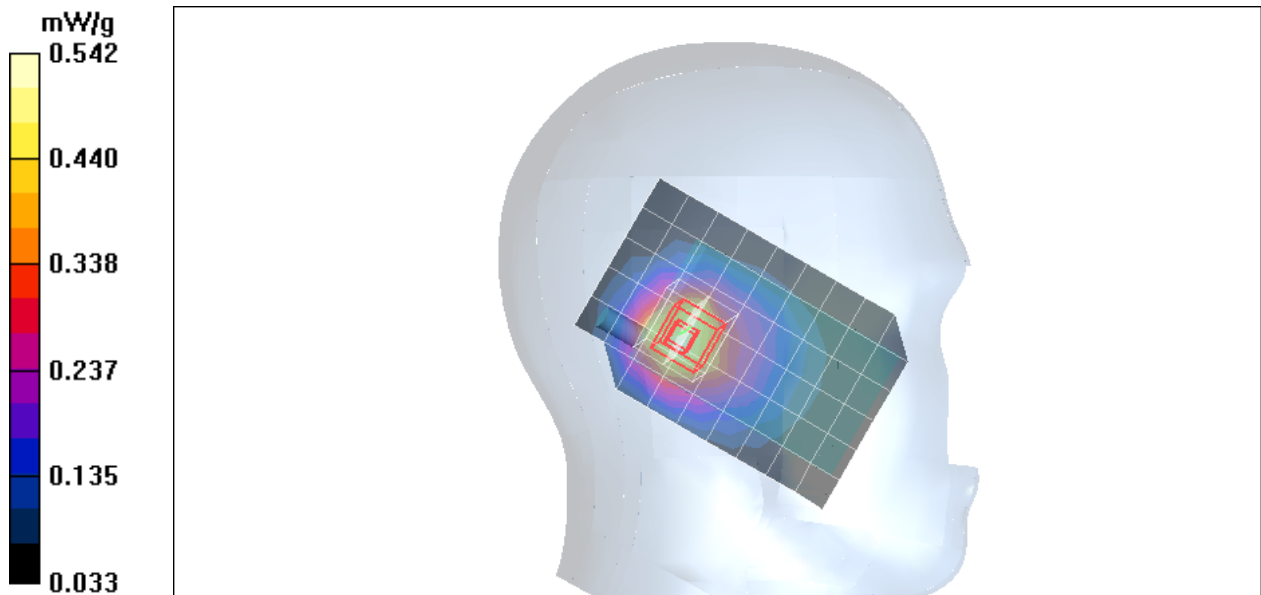
Left Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.0 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.447 mW/g; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 0.542 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Left Tilted High CH251/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.523 mW/g

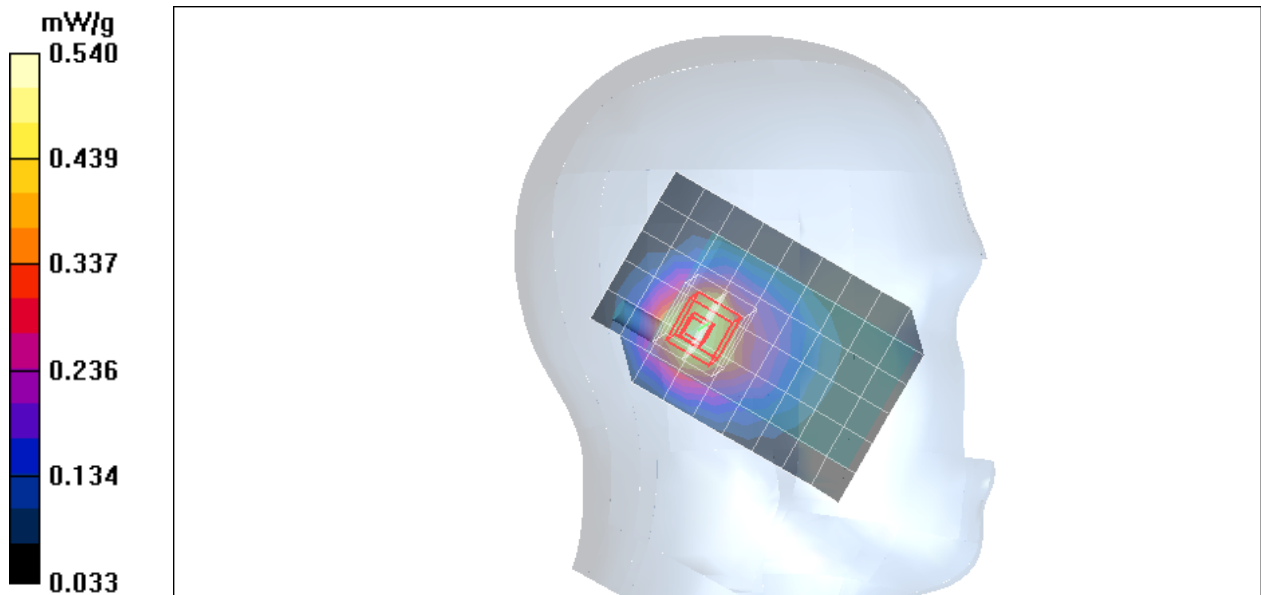
Left Tilted High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 0.658 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 0.540 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.884$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right Cheek Low CH128/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.727 W/kg

SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.301 mW/g

Maximum value of SAR (measured) = 0.578 mW/g

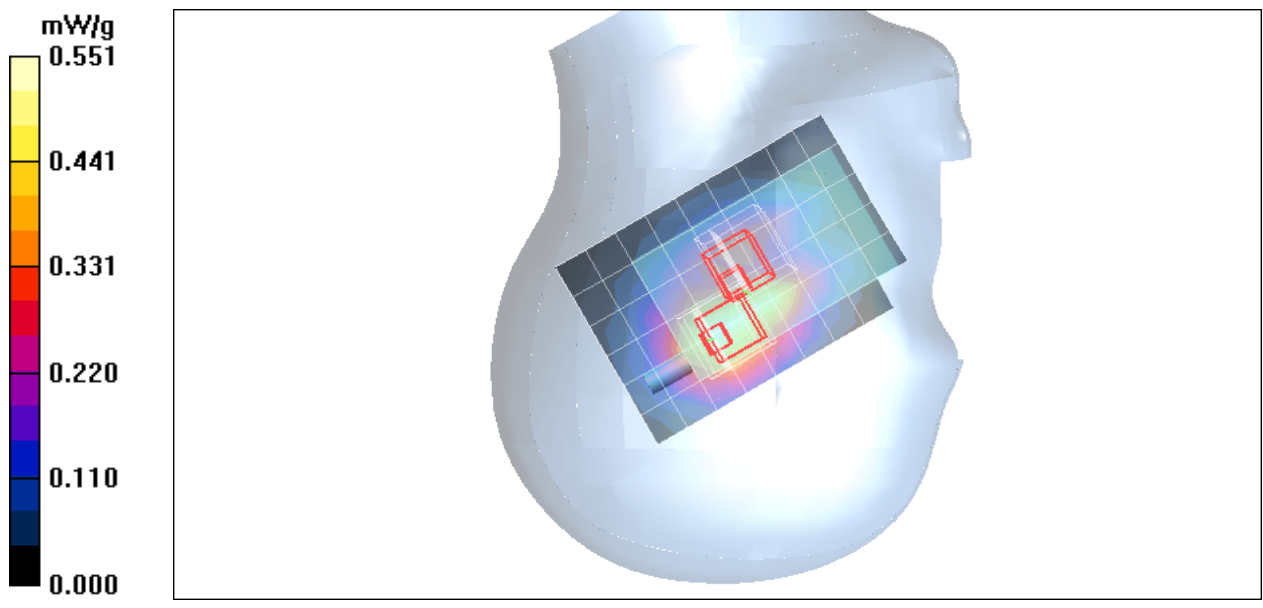
Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.9 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.402 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.347 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right Cheek Middle CH190/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Right Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 0.724 mW/g

Right Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

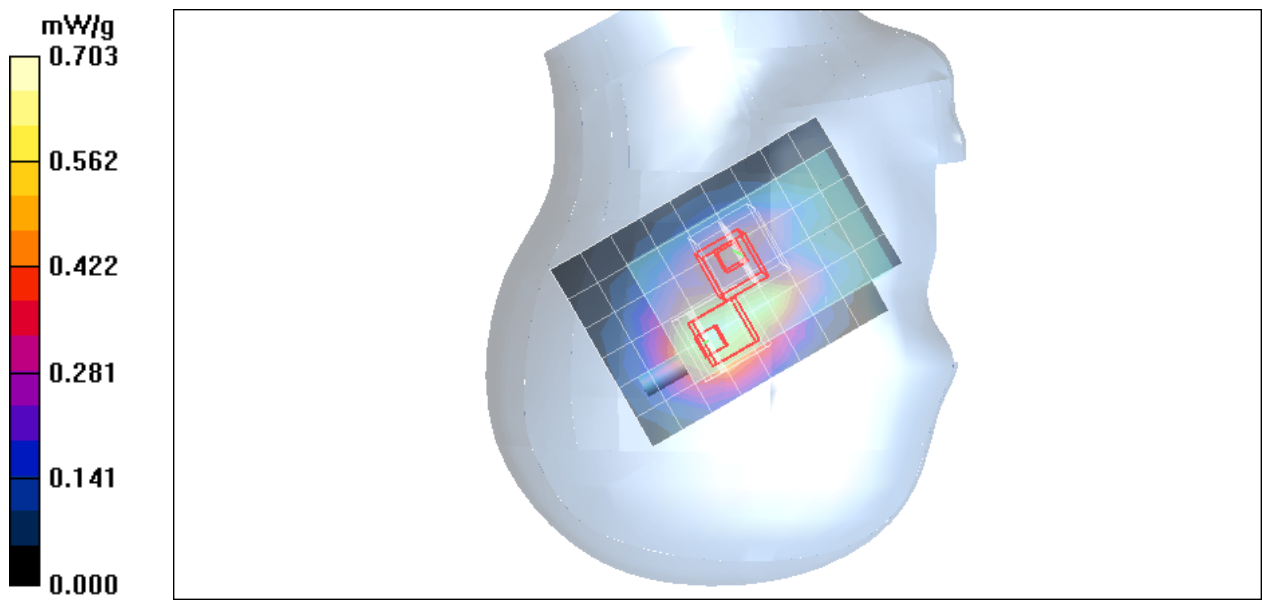
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.523 W/kg

SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.272 mW/g

Maximum value of SAR (measured) = 0.428 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right Cheek High CH251/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.692 mW/g

Right Cheek High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.907 W/kg

SAR(1 g) = 0.564 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 0.717 mW/g

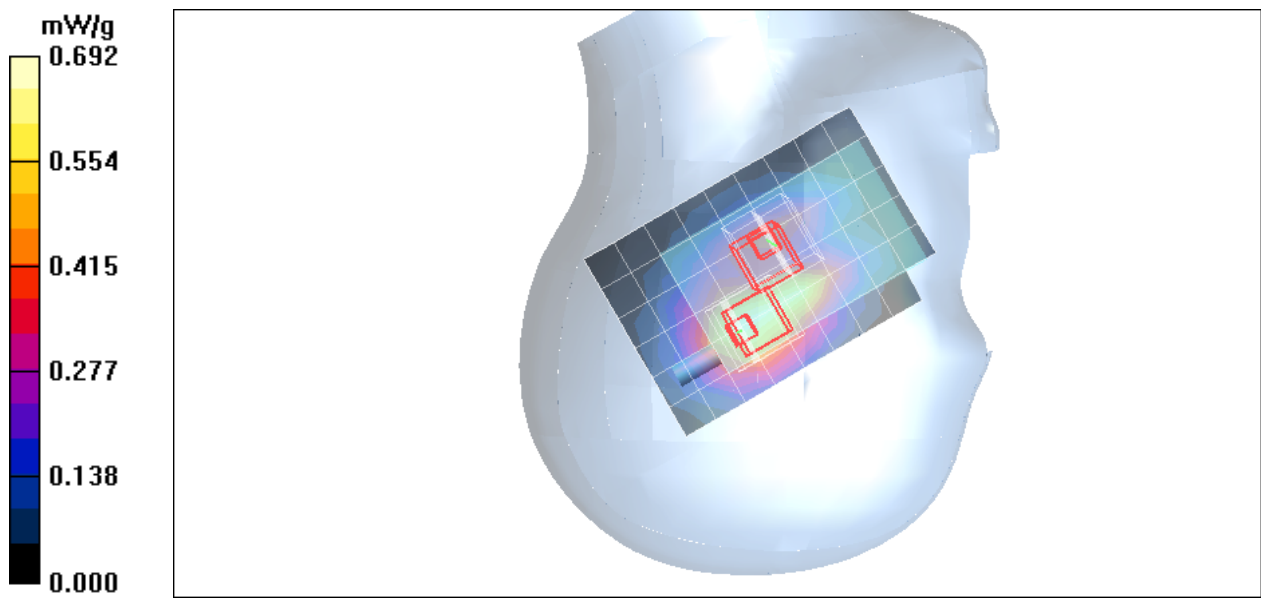
Right Cheek High CH251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.522 W/kg

SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 0.421 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.884$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right Tilted Low CH128/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

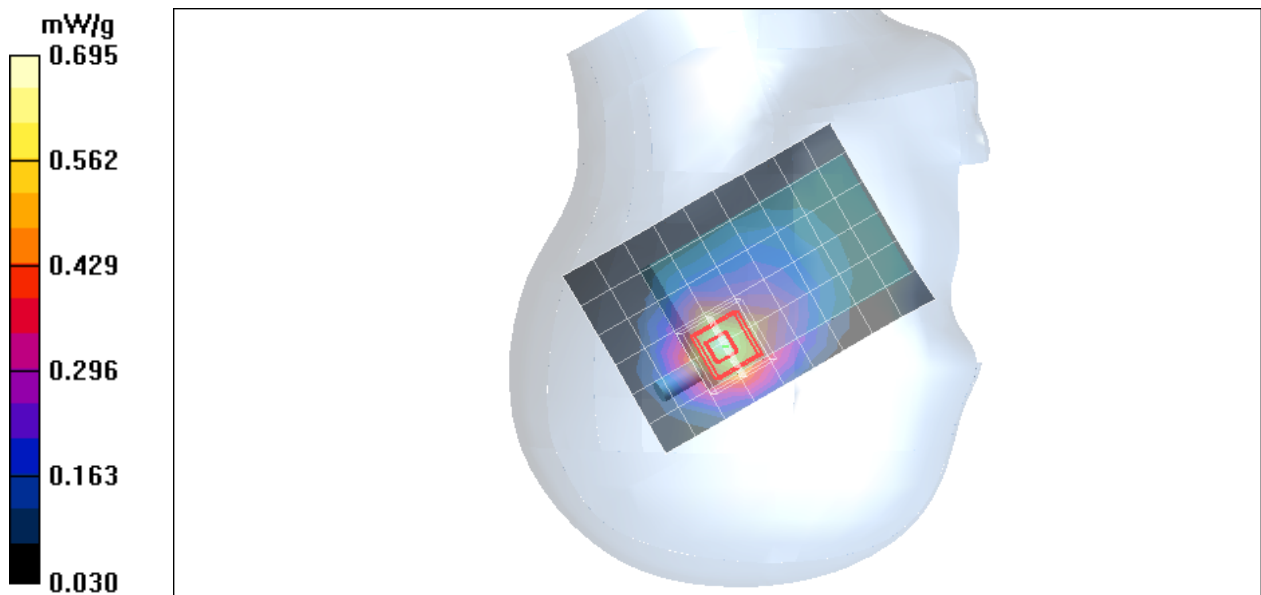
Right Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.8 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.860 W/kg

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.345 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right Tilted Middle CH190/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.840 mW/g

Right Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.05 W/kg

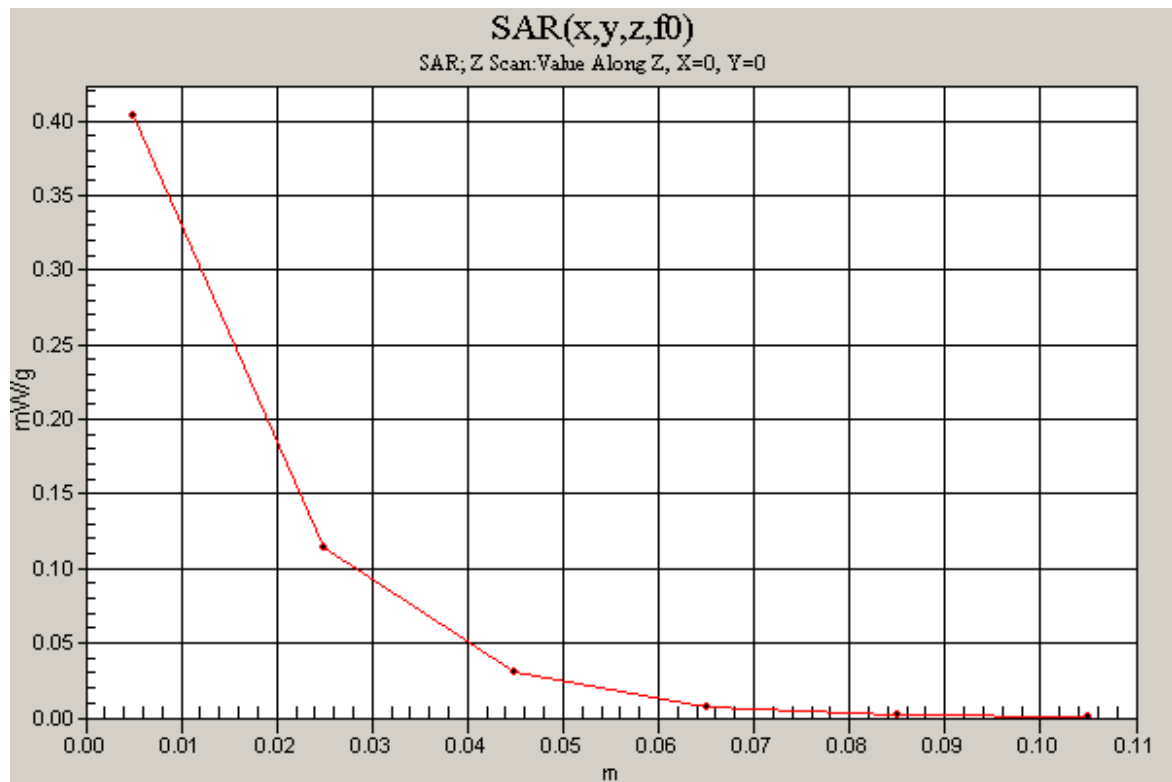
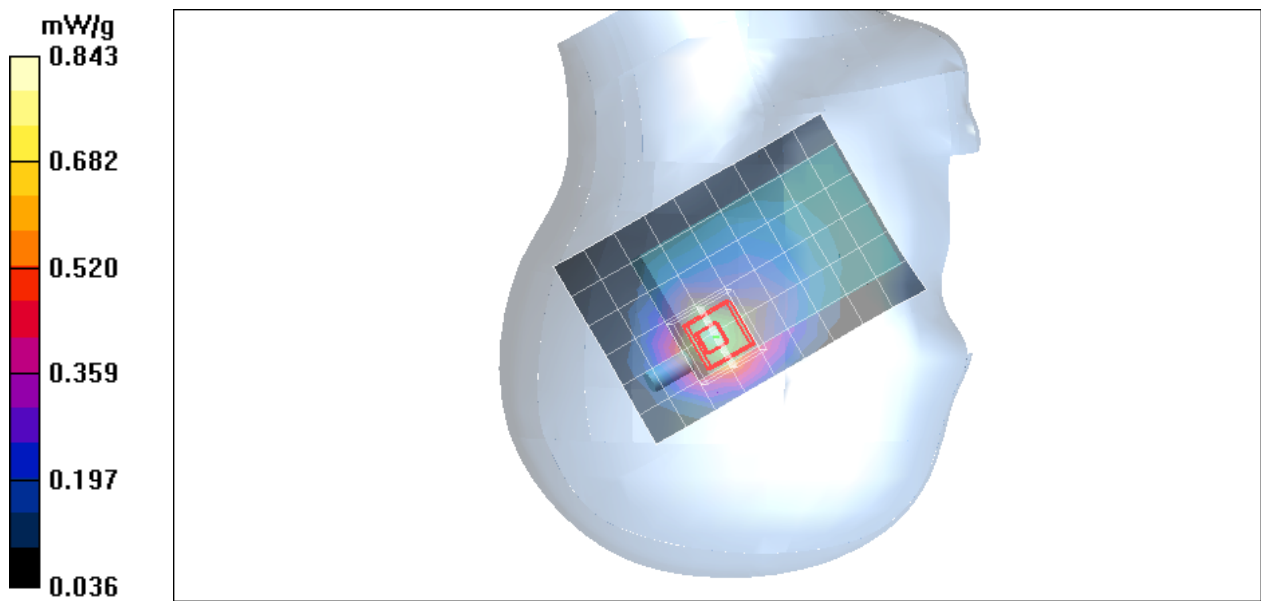
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.843 mW/g

Right Tilted Middle CH190/Z Scan (1x1x6): Measurement grid: dx=20mm, dy=20mm,

dz=20mm

Maximum value of SAR (measured) = 0.404 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Right Tilted High CH251/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

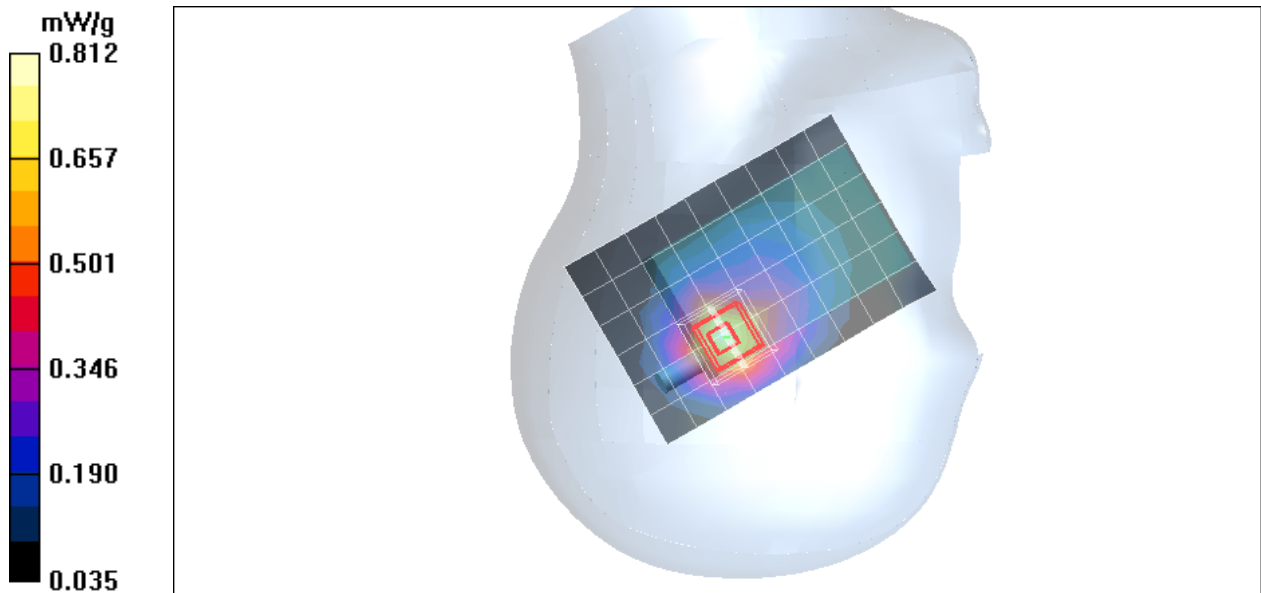
Right Tilted High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.401 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.895$ mho/m; $\epsilon_r = 40.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(9.75, 9.75, 9.75);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

co-location Right Tilted Middle CH190/Area Scan (7x10x1): Measurement grid:

dx=15mm, dy=15mm

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

co-location Right Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 22.4 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.964 W/kg

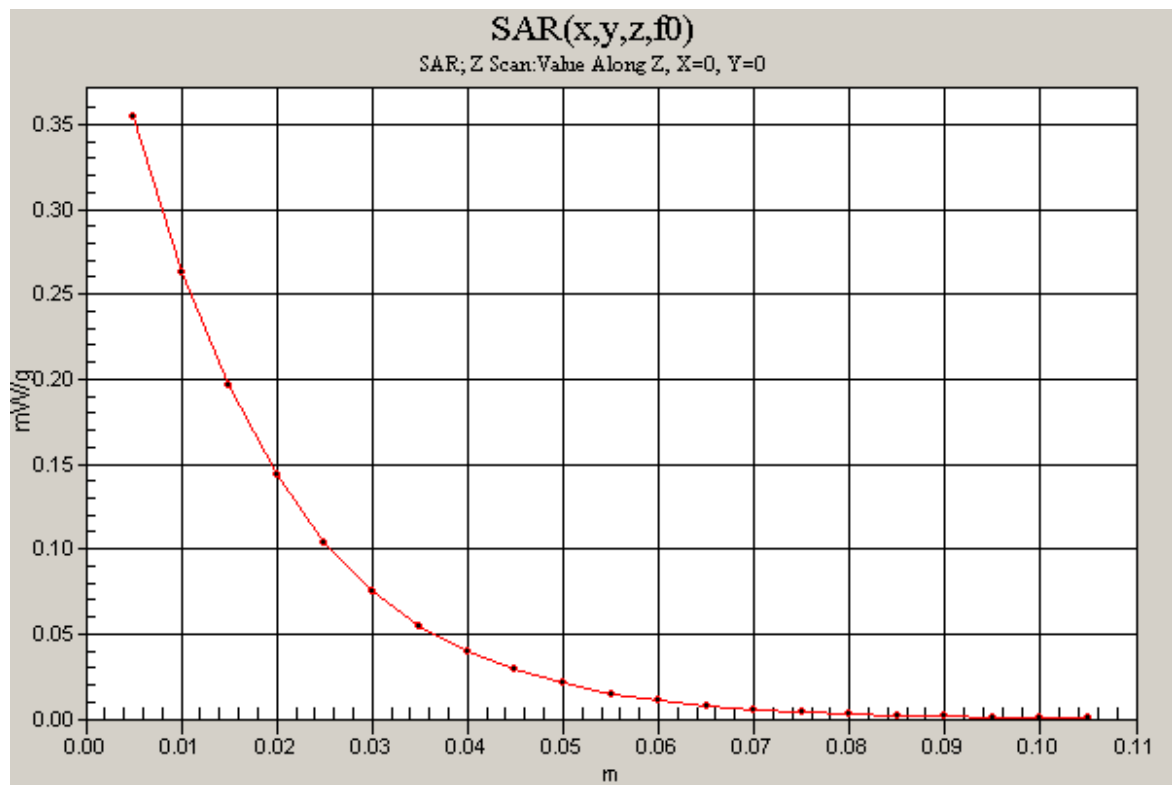
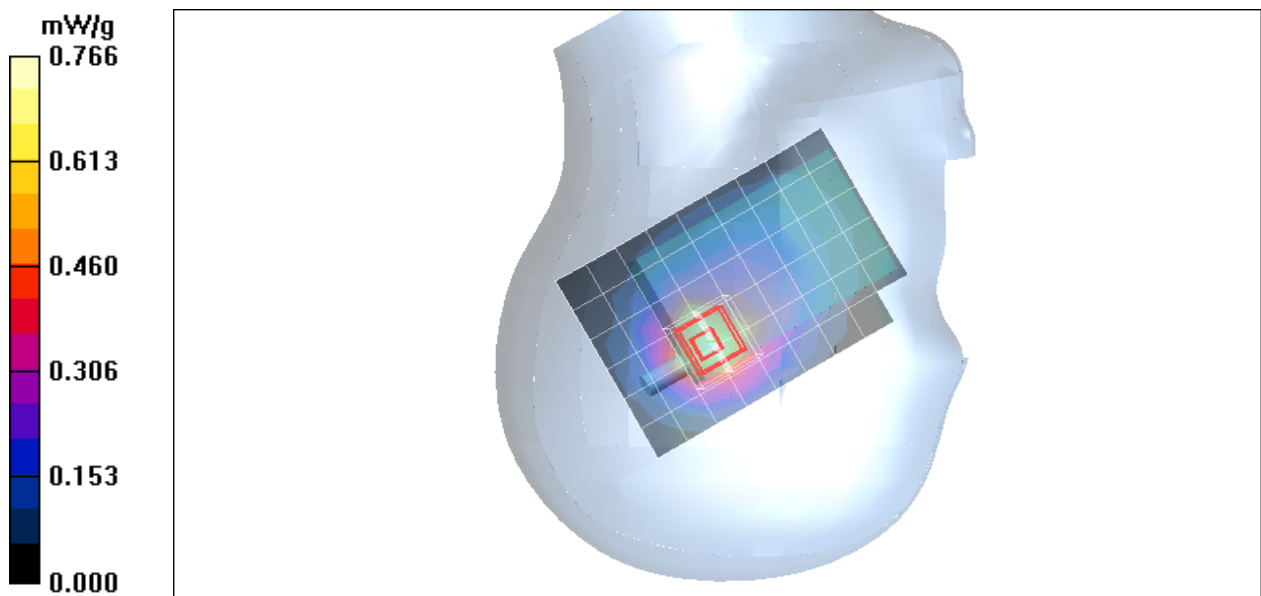
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.373 mW/g

Maximum value of SAR (measured) = 0.769 mW/g

co-location Right Tilted Middle CH190/Z Scan (1x1x21): Measurement grid:

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

Maximum value of SAR (measured) = 0.355 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Left Cheek Low CH512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.221 mW/g

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

Reference Value = 12.6 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

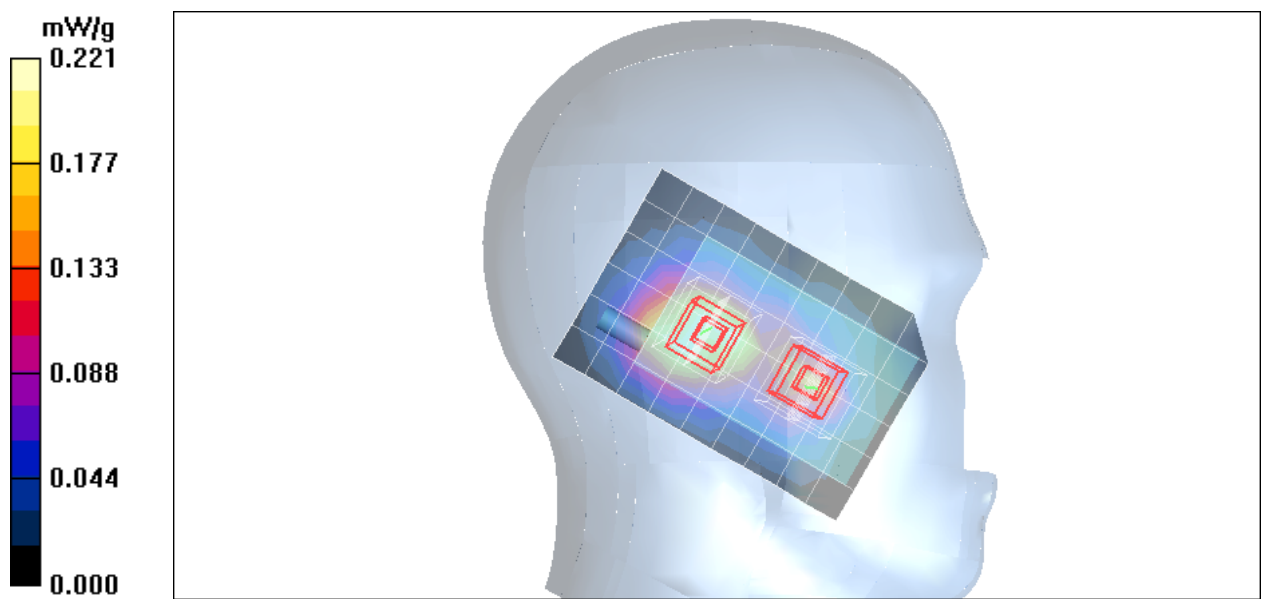
Left Cheek Low CH512/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.6 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Left Cheek Middle CH661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 13.5 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.135 mW/g

Maximum value of SAR (measured) = 0.279 mW/g

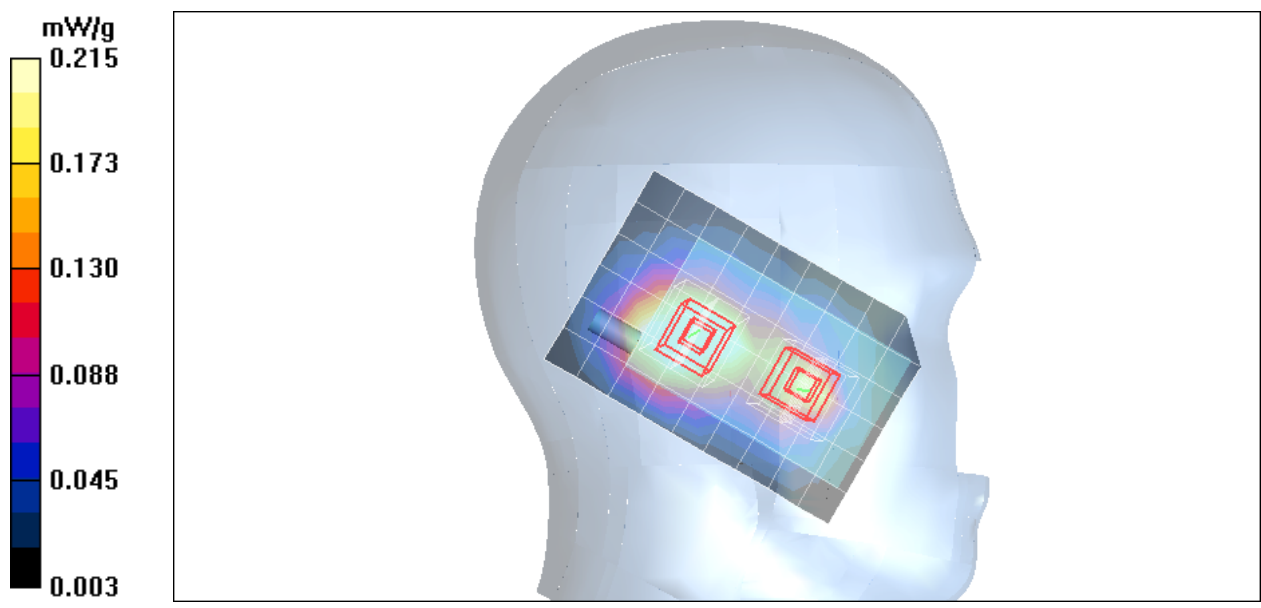
Left Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.5 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.093 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Left Cheek High CH810/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.431 mW/g

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

Reference Value = 16.9 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.219 mW/g

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

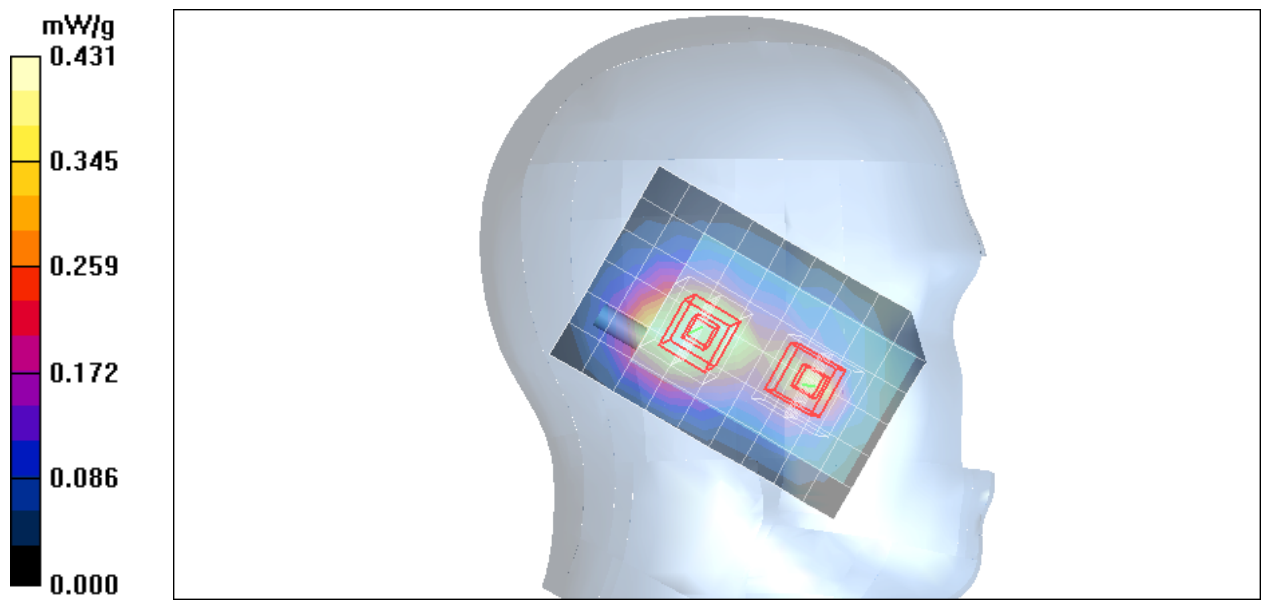
Left Cheek High CH810/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.433 W/kg

SAR(1 g) = 0.285 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.359 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Left Tilted Low CH512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 mW/g

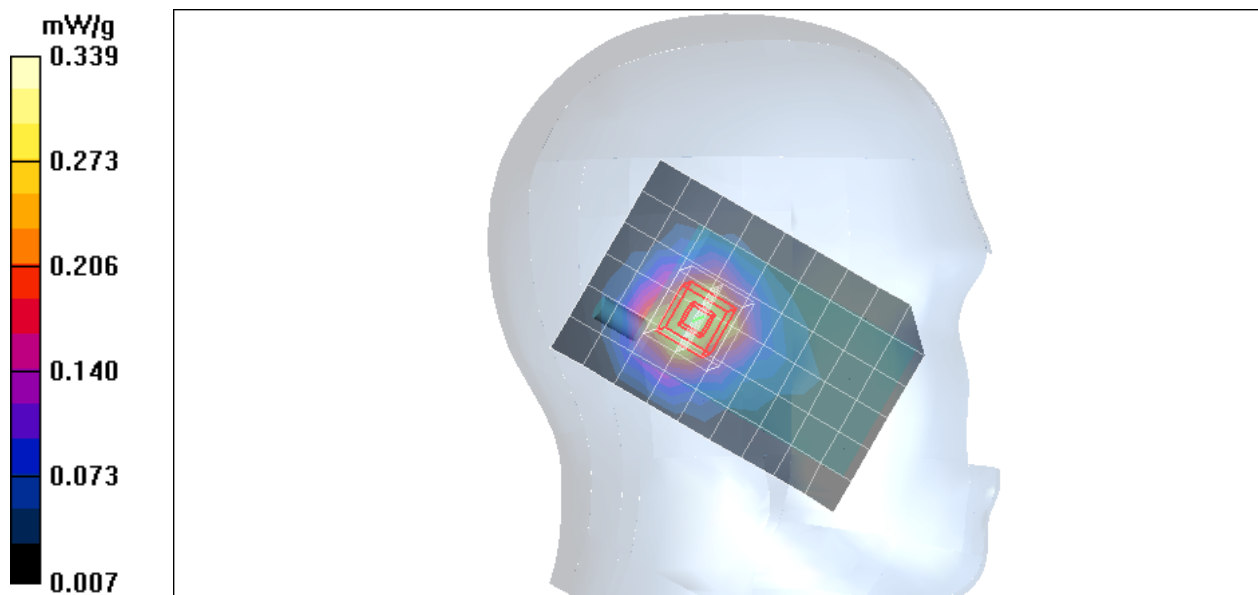
Left Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.339 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Left Tilted Middle CH661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.354 mW/g

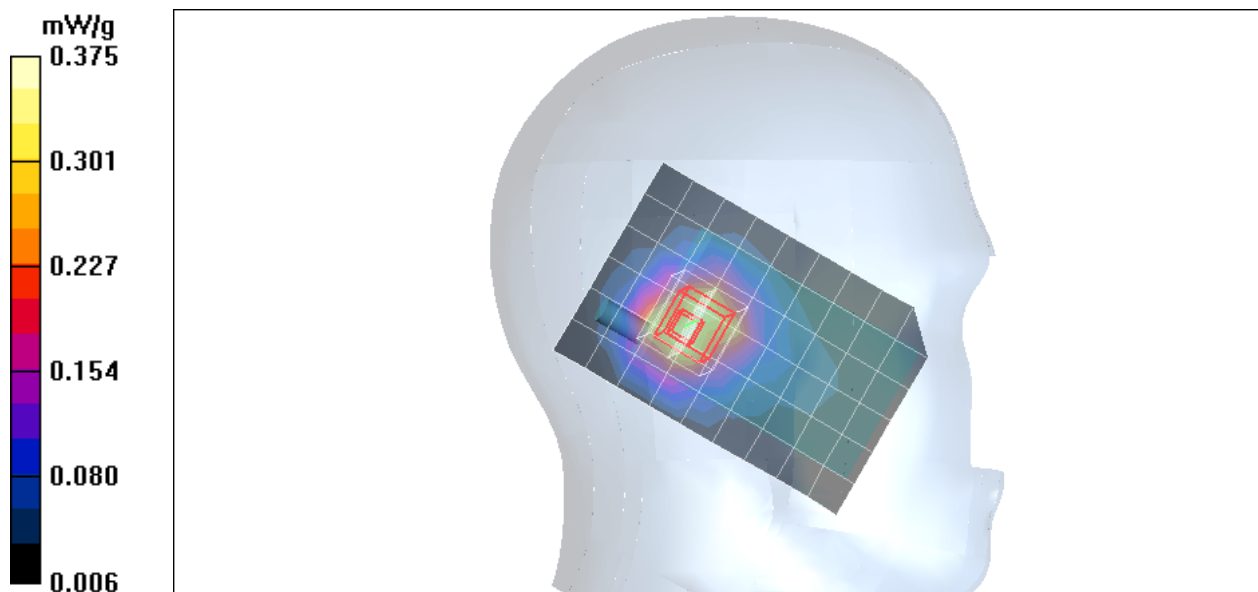
Left Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 0.481 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.177 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8
Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Left Tilted High CH810/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.576 mW/g

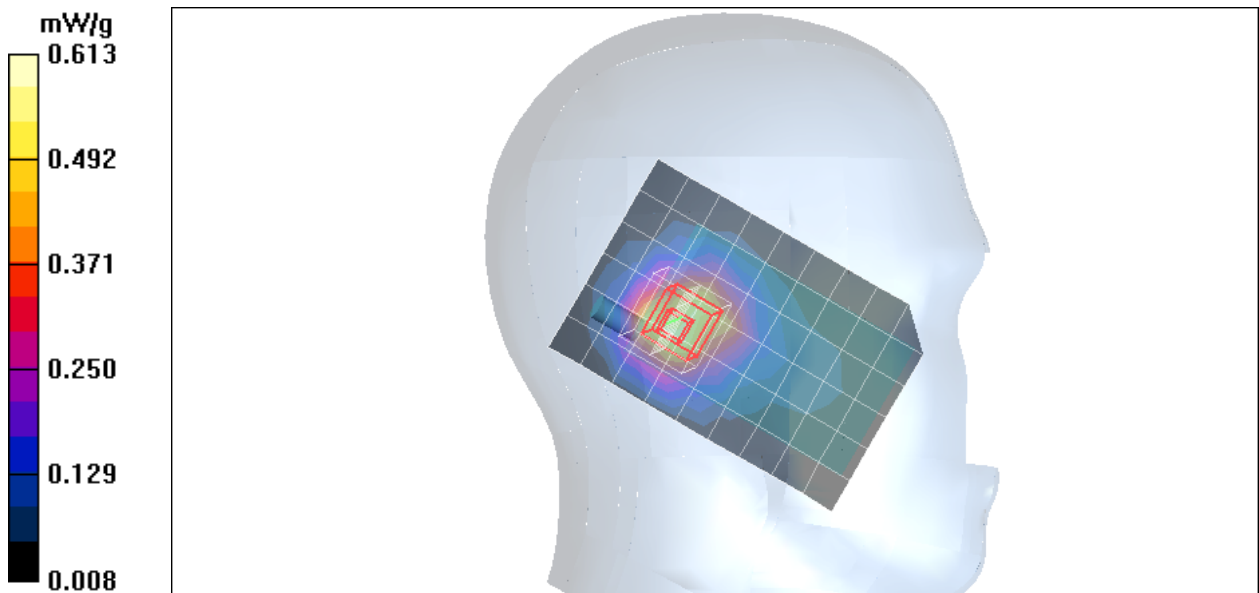
Left Tilted High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.5 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.805 W/kg

SAR(1 g) = 0.488 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 0.613 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right Cheek Low CH512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.261 mW/g

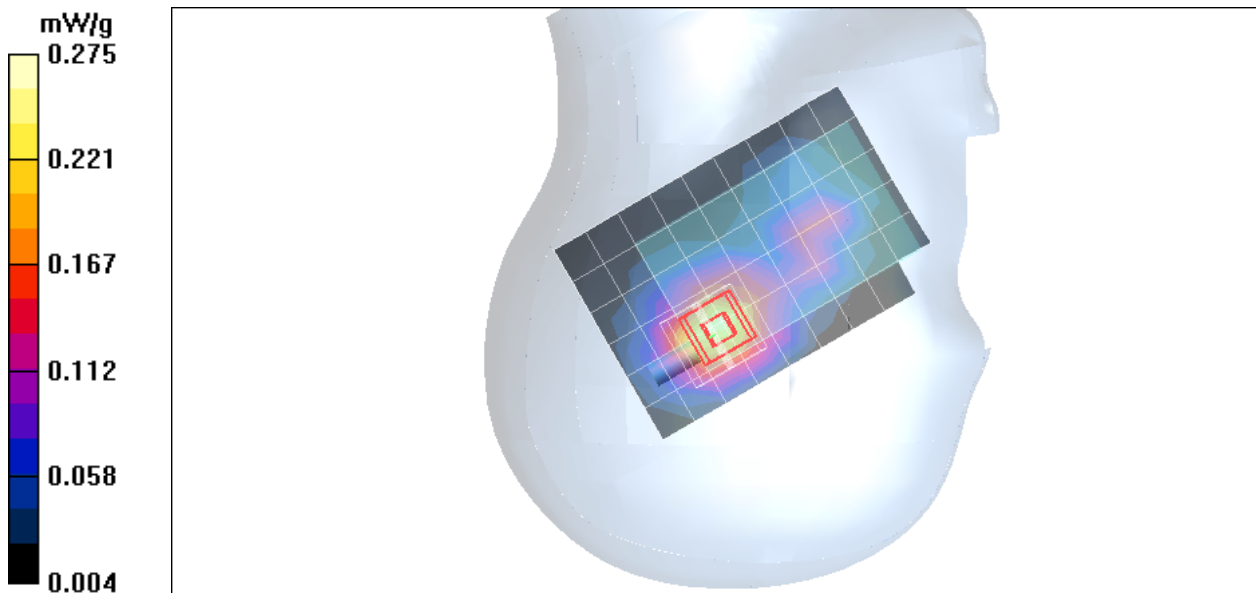
Right Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.275 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right Cheek Middle CH661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.339 mW/g

Right Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

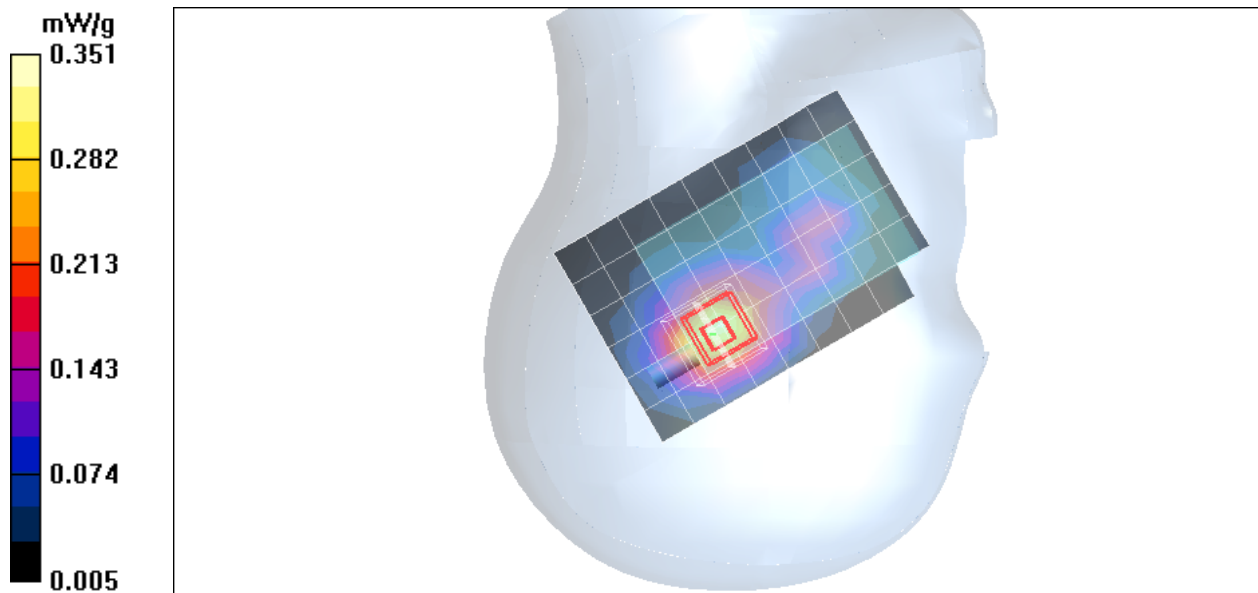
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.459 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.157 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right Cheek High CH810/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.594 mW/g

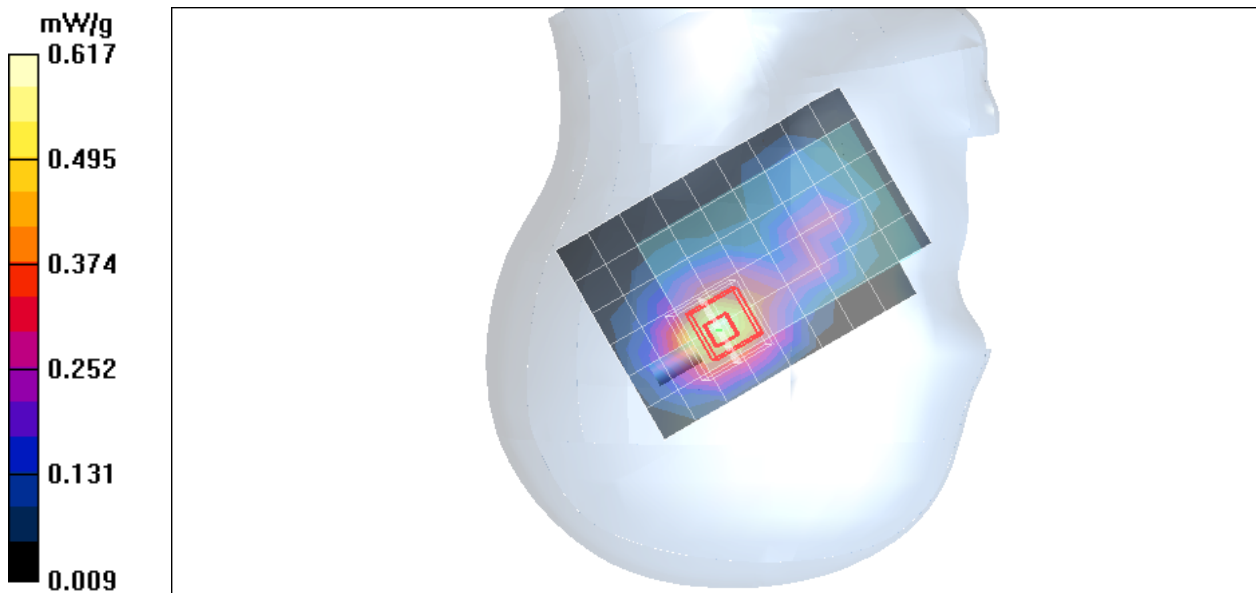
Right Cheek High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 0.617 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right Tilted Low CH512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.333 mW/g

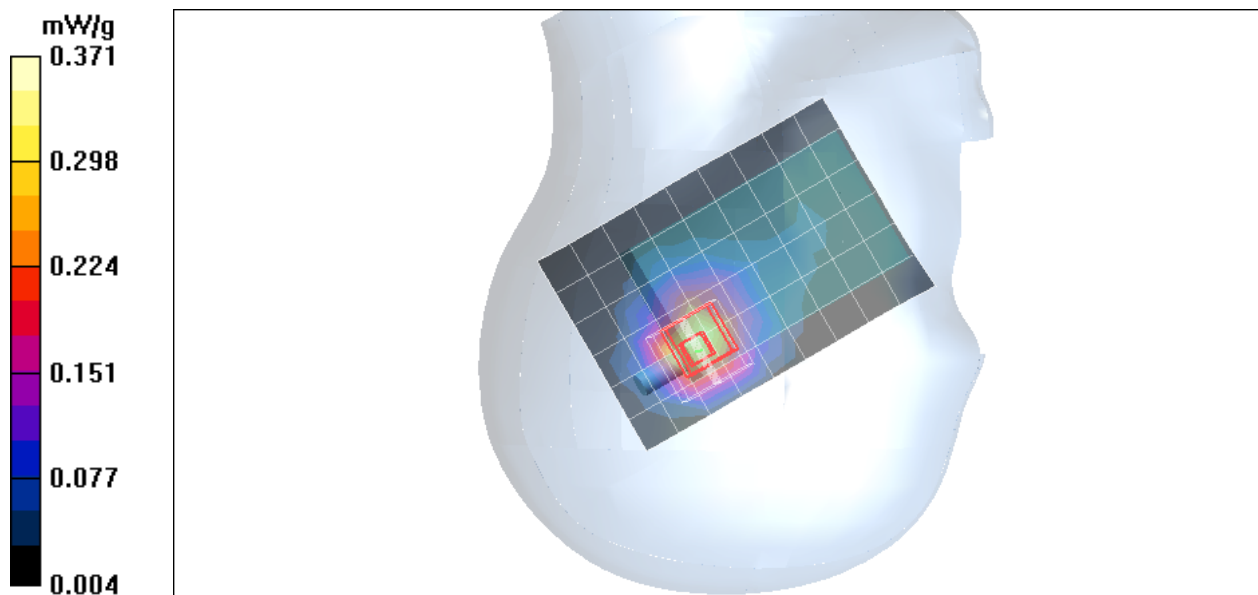
Right Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 13.1 V/m; Power Drift = -0.144 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.283 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.371 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.44$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right Tilted Middle CH661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.423 mW/g

Right Tilted Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

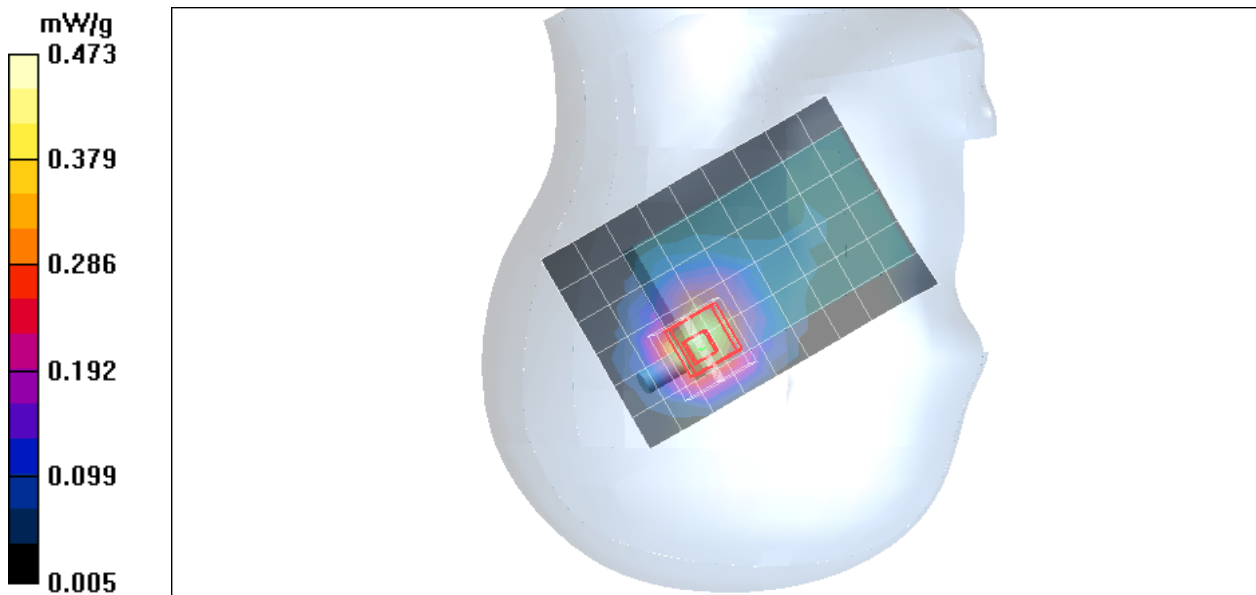
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = -0.046 dB

Peak SAR (extrapolated) = 0.628 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.473 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Right Tilted High CH810/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.713 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 = -0.037 dB

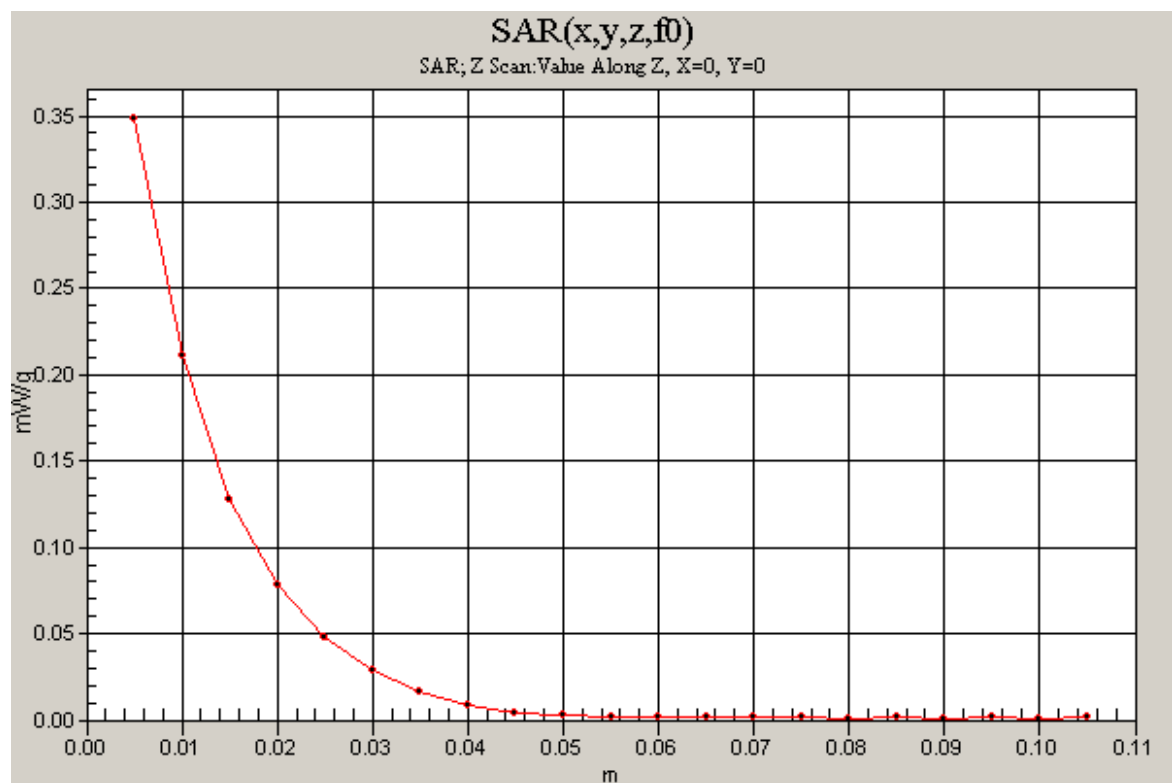
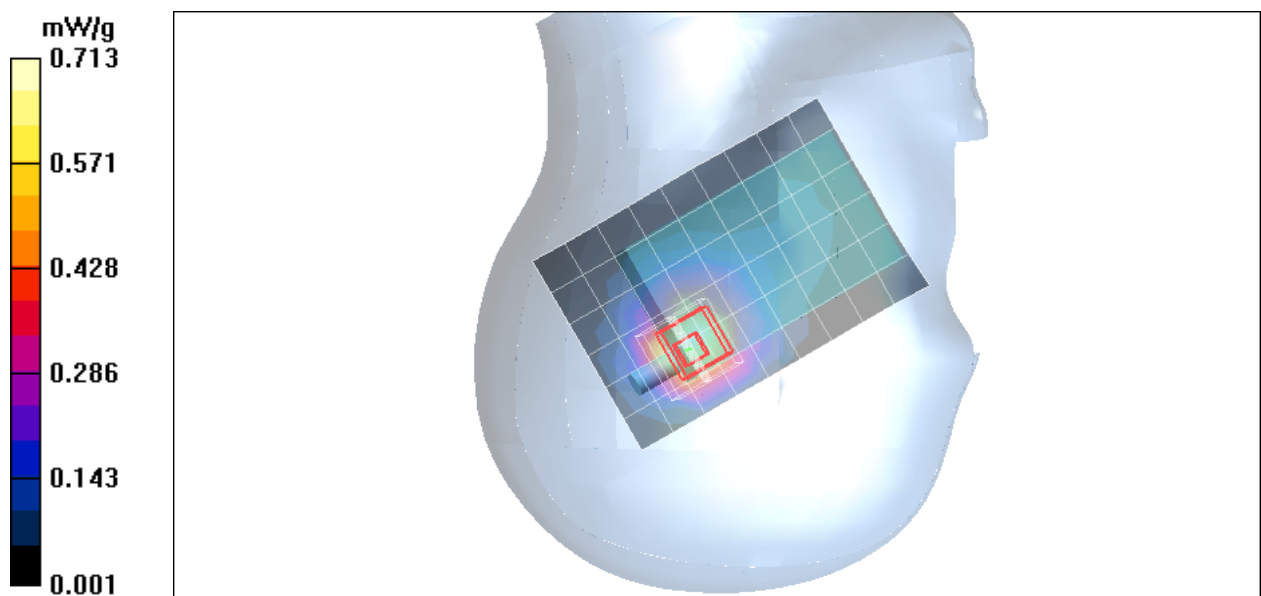
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.340 mW/g

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

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

Maximum value of SAR (measured) = 0.348 mW/g



Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right Head PWG-500

DUT: PWG-500; Type: Wireless IP Phone; Serial: N/A

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

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 38.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.5 deg C; Liquid Temperature: 23.5 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552 ; ConvF(7.95, 7.95, 7.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

co-Location Right Tilted High CH810/Area Scan (7x10x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.995 mW/g

co-Location Right Tilted High CH810/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 23.0 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.465 mW/g

Maximum value of SAR (measured) = 1.06 mW/g

co-Location Right Tilted High CH810/Z Scan (1x1x21): Measurement grid: dx=20mm,

dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.526 mW/g