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 MHz; σ = 0.881 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
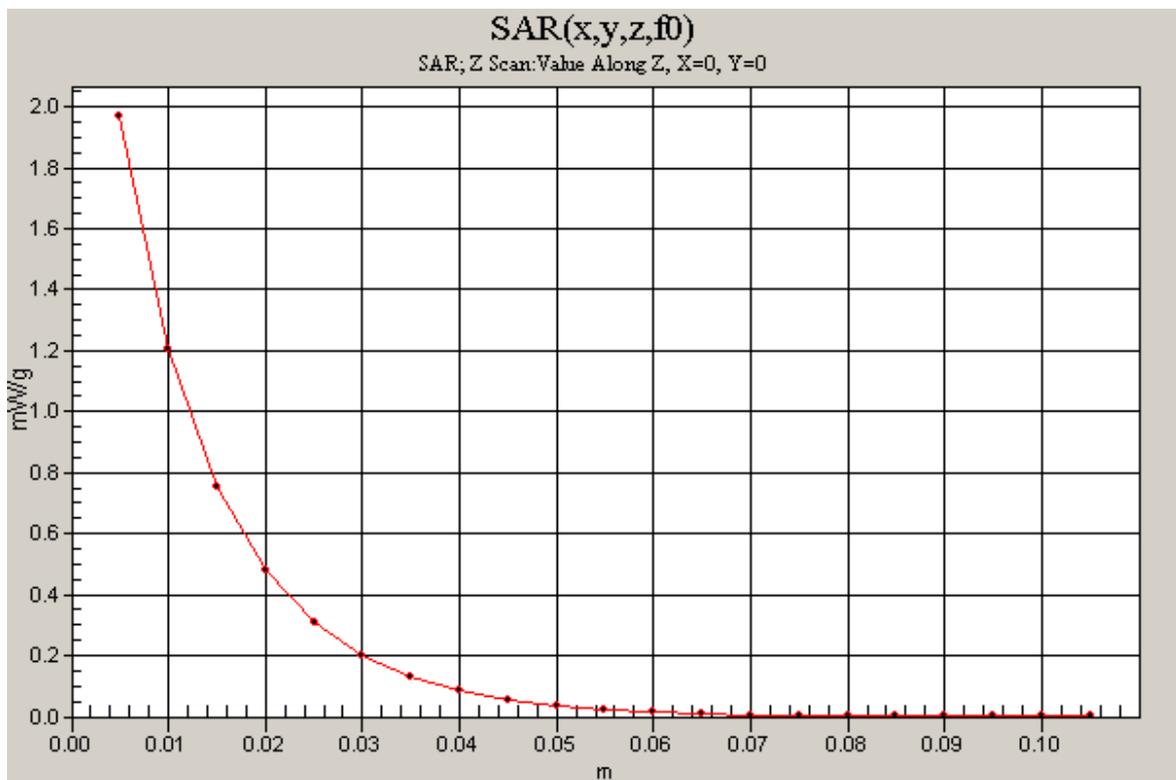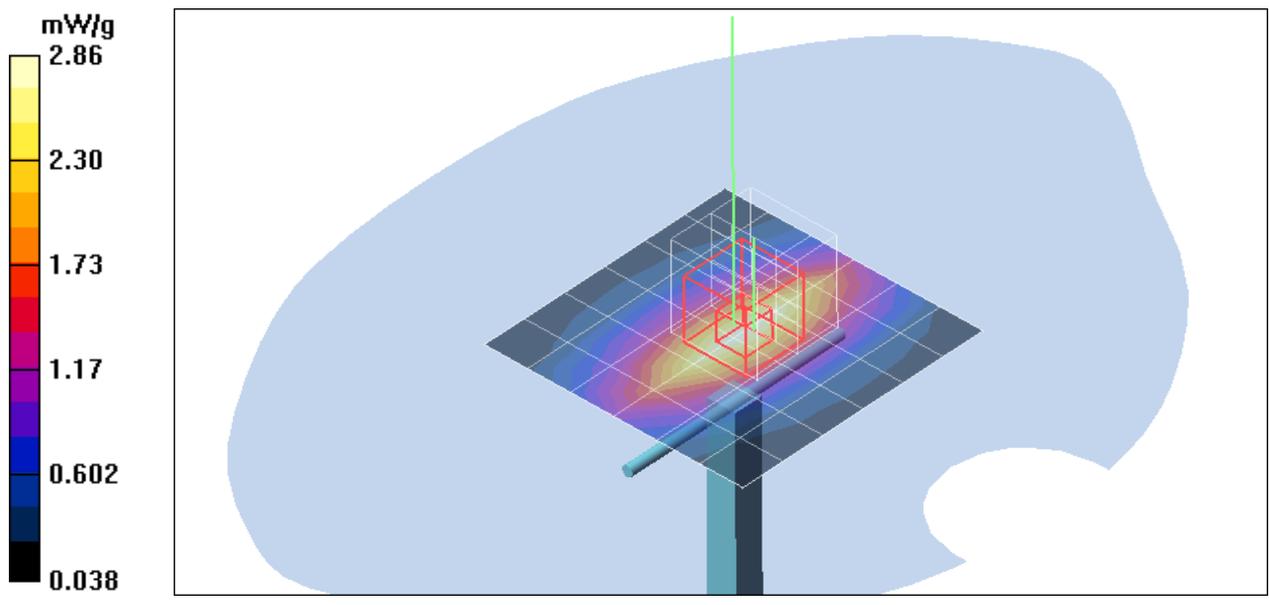Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.86 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 52.4 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 3.74 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.36 mW/g
Maximum value of SAR (measured) = 2.97 mW/g

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 1.97 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

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; σ = 1.43 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
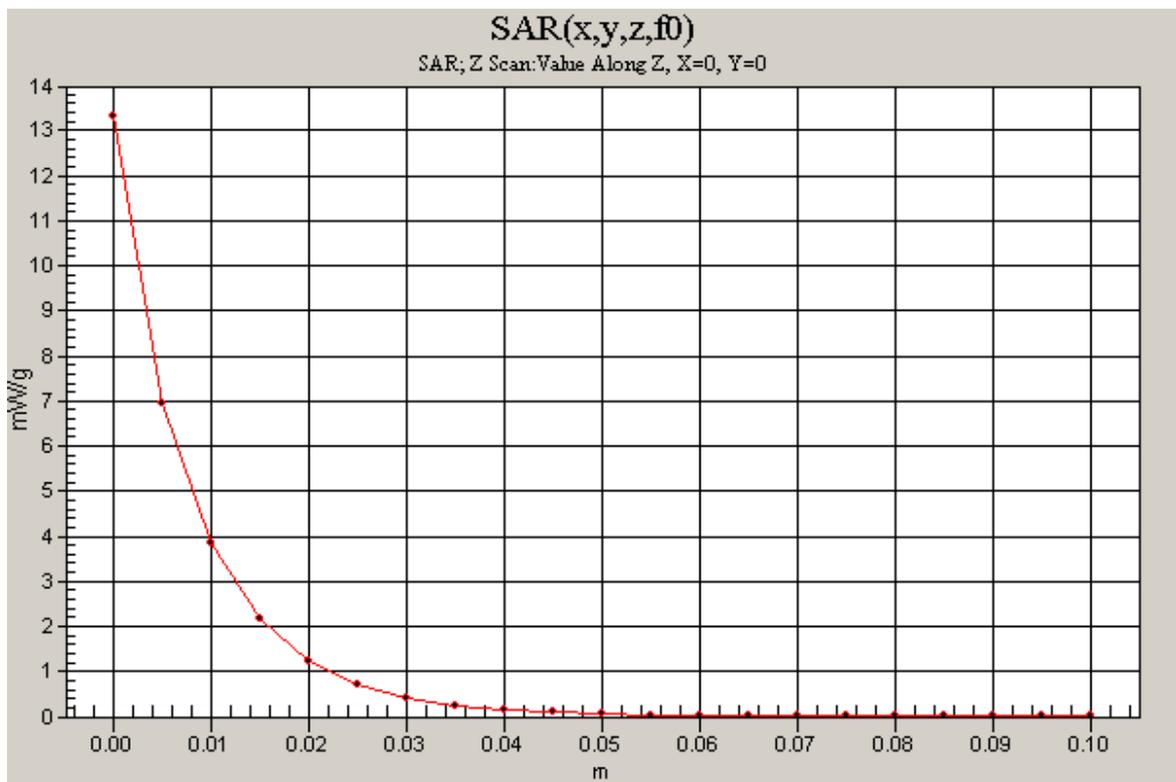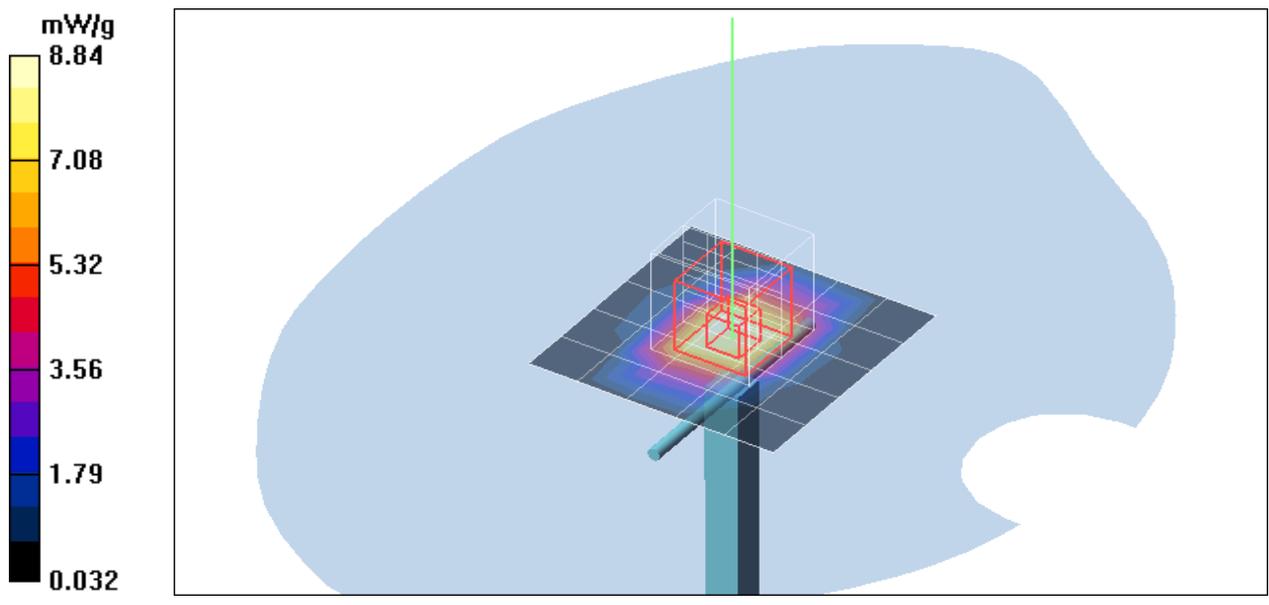Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.84 mW/g

# Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 96.6 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 9.48 mW/g; SAR(10 g) = 4.84 mW/g
Maximum value of SAR (measured) = 12.8 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.3 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 MHz; σ = 0.941 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg
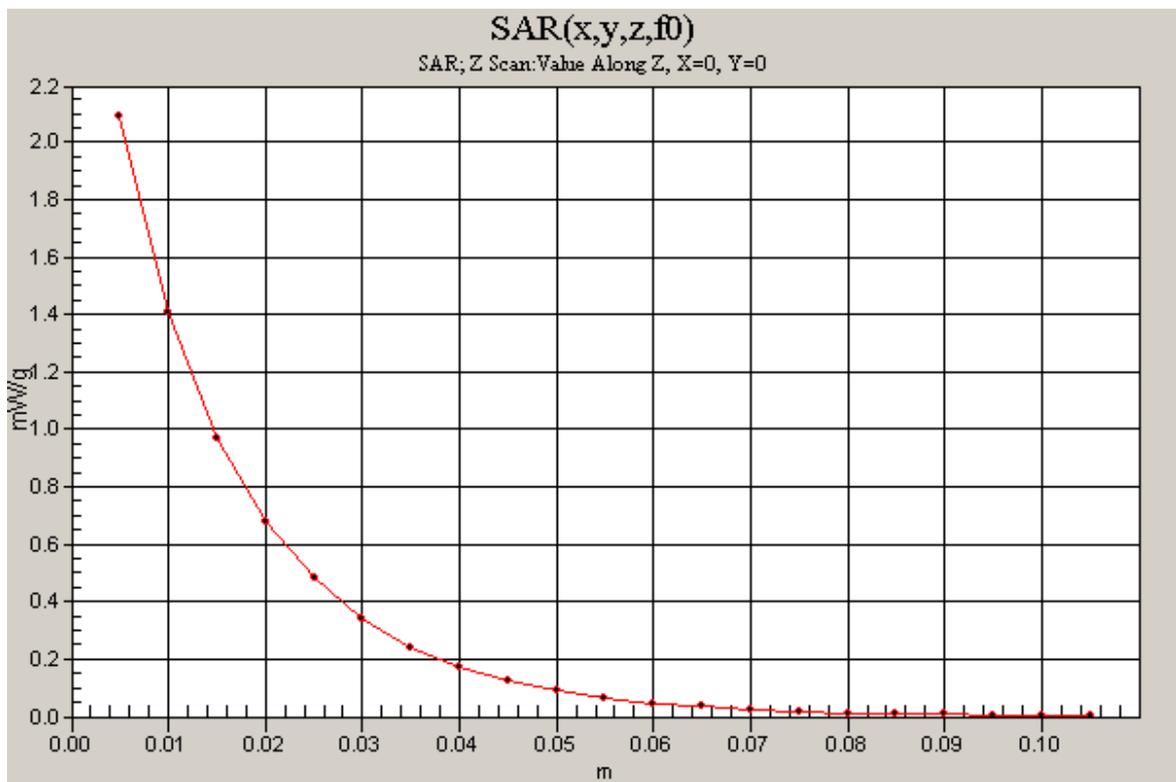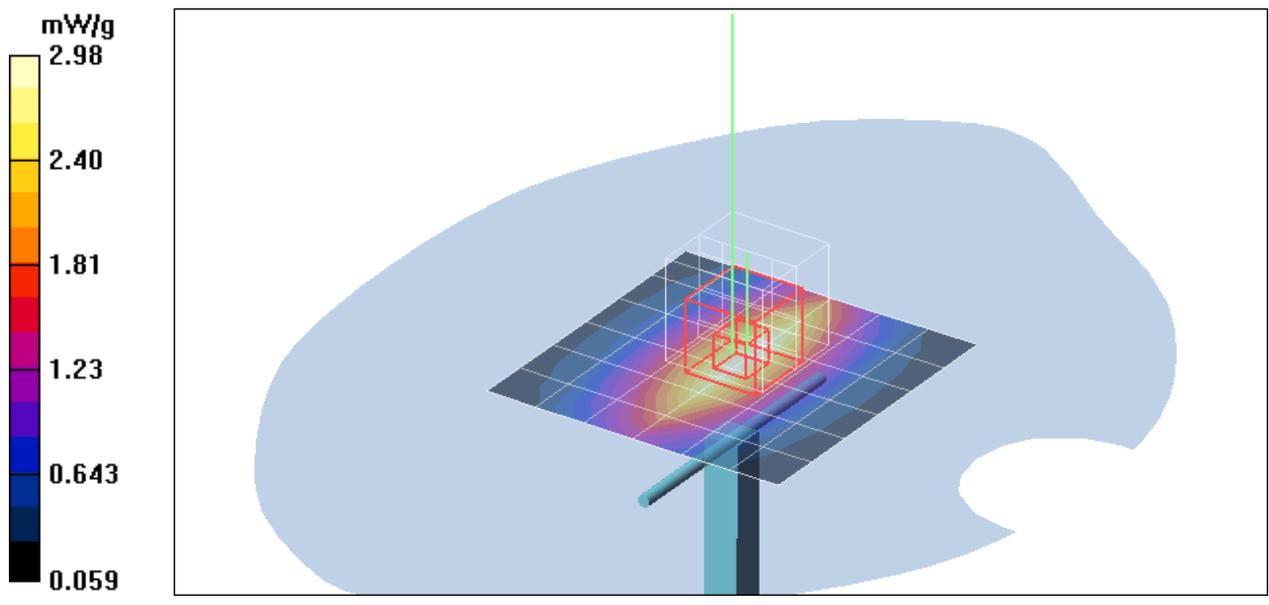
DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.74, 7.74, 7.74);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.98 mW/g

# d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 53.0 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 3.80 W/kg
SAR(1 g) = 2.49 mW/g; SAR(10 g) = 1.6 mW/g
Maximum value of SAR (measured) = 3.05 mW/g

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 2.09 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

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; σ = 1.51 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.3 deg C;Liquid Temperature:23.3 deg C
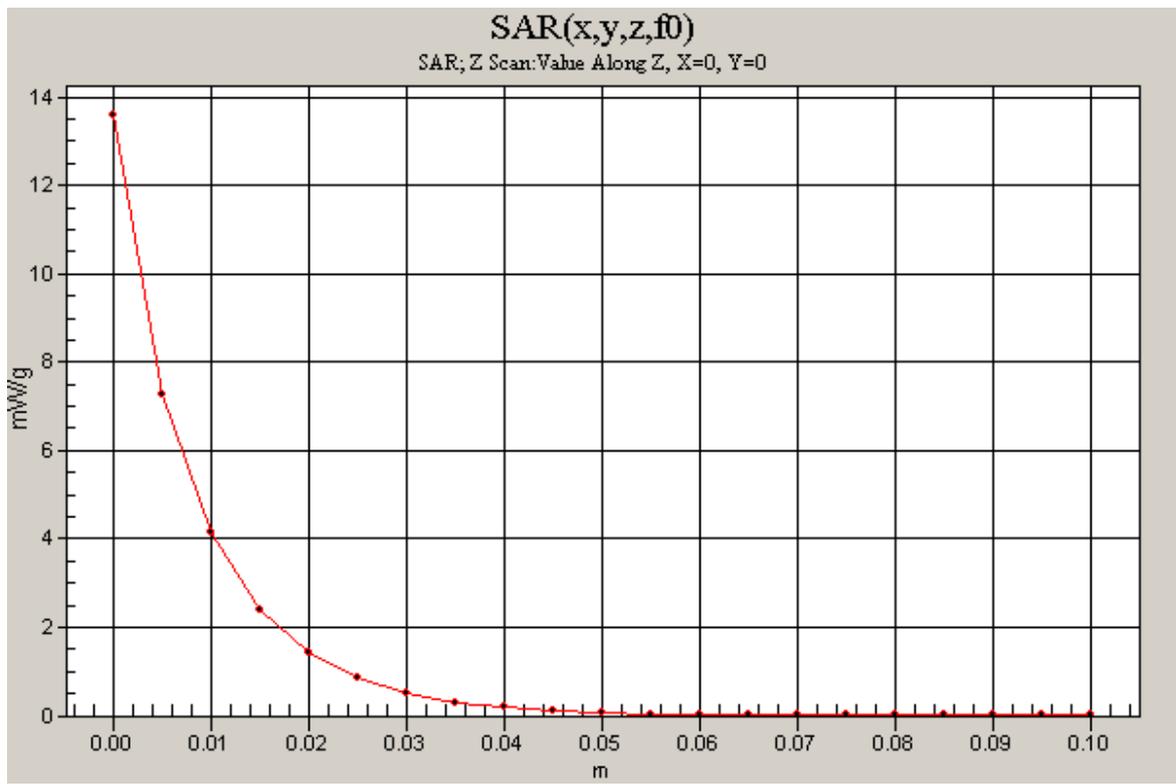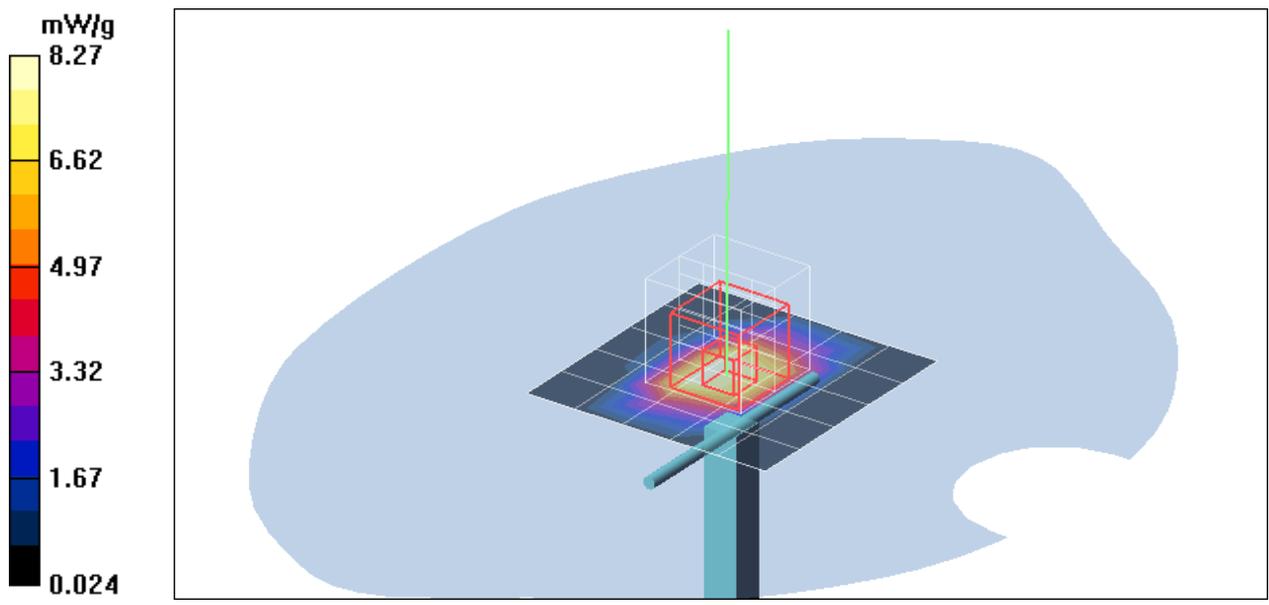Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.27, 6.27, 6.27);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.27 mW/g

# Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 94.0 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 9.32 mW/g; SAR(10 g) = 4.8 mW/g
Maximum value of SAR (measured) = 12.5 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.6 mW/g

mW/g
8.27
6.62
4.97
3.32
1.67
0.024

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

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 (interpolated): f = 2450 MHz; σ = 1.77 mho/m; ε_r = 39.6; ρ = 1000 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
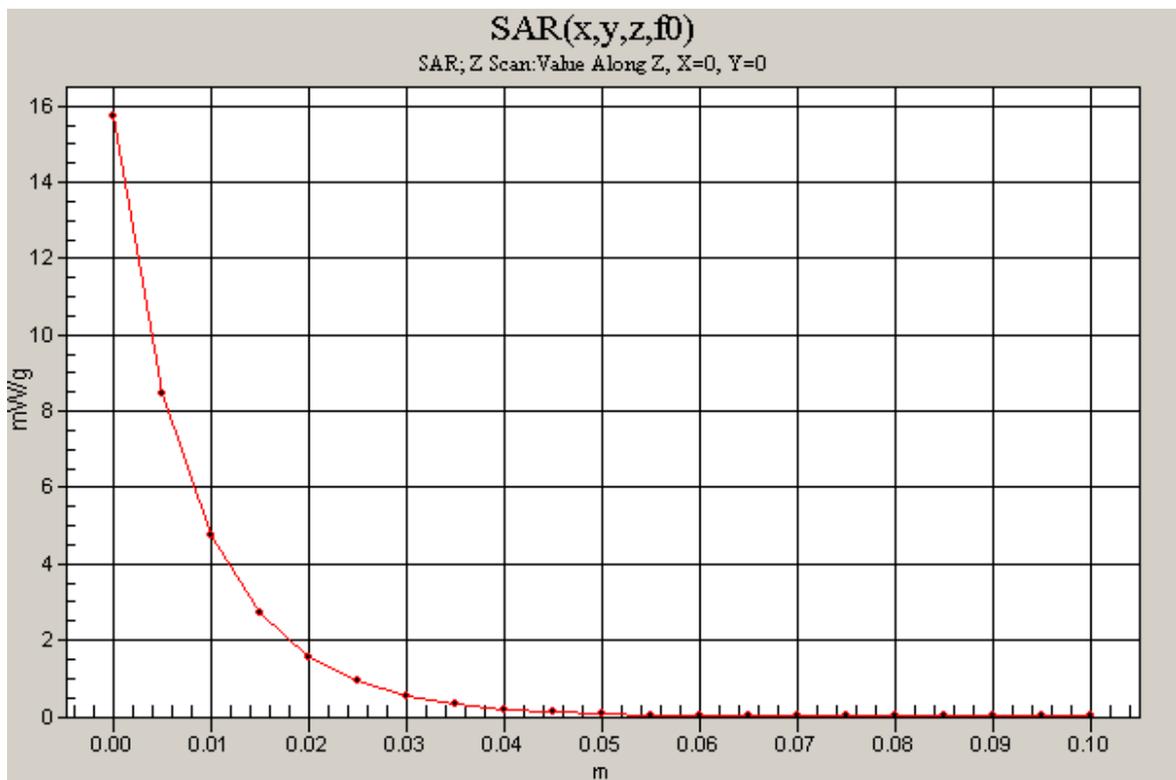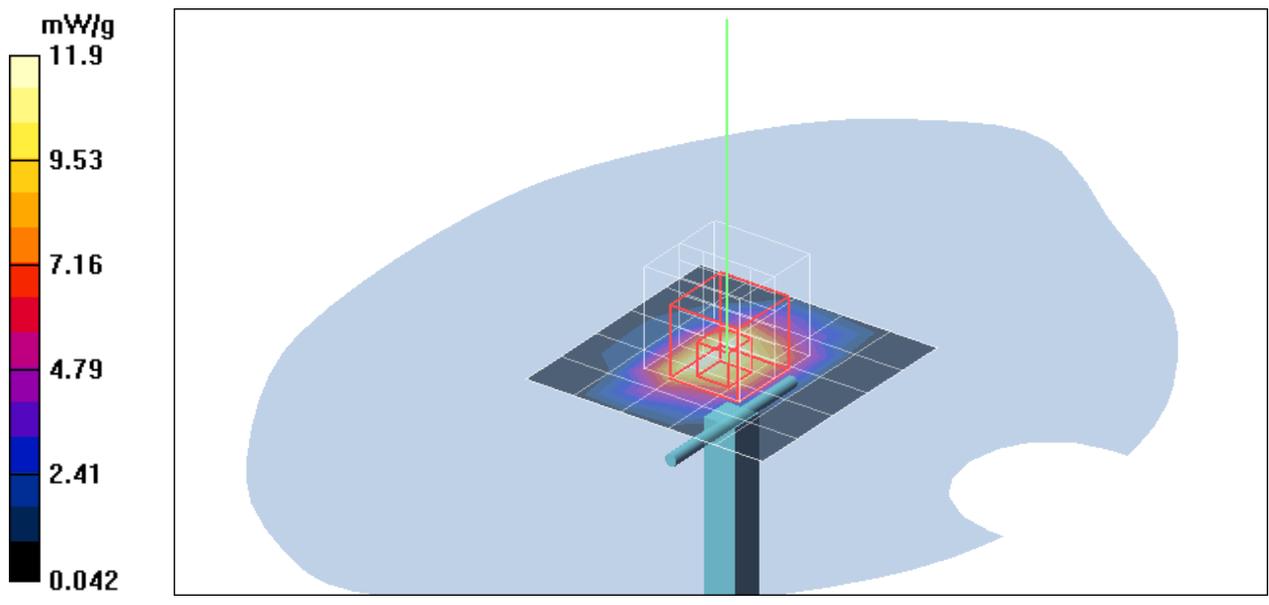
DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.04, 6.04, 6.04);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.9 mW/g

# Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 93.3 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 26.4 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 7.12 mW/g
Maximum value of SAR (measured) = 15.6 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 15.7 mW/g

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; σ = 2 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
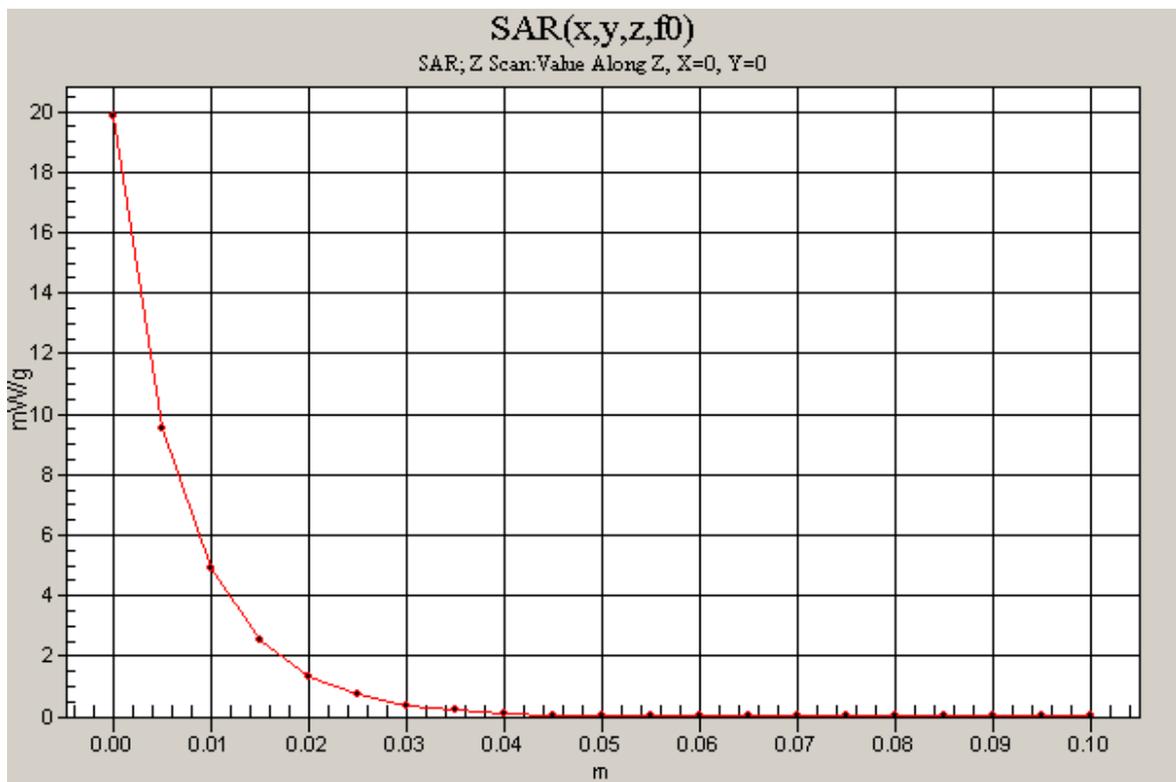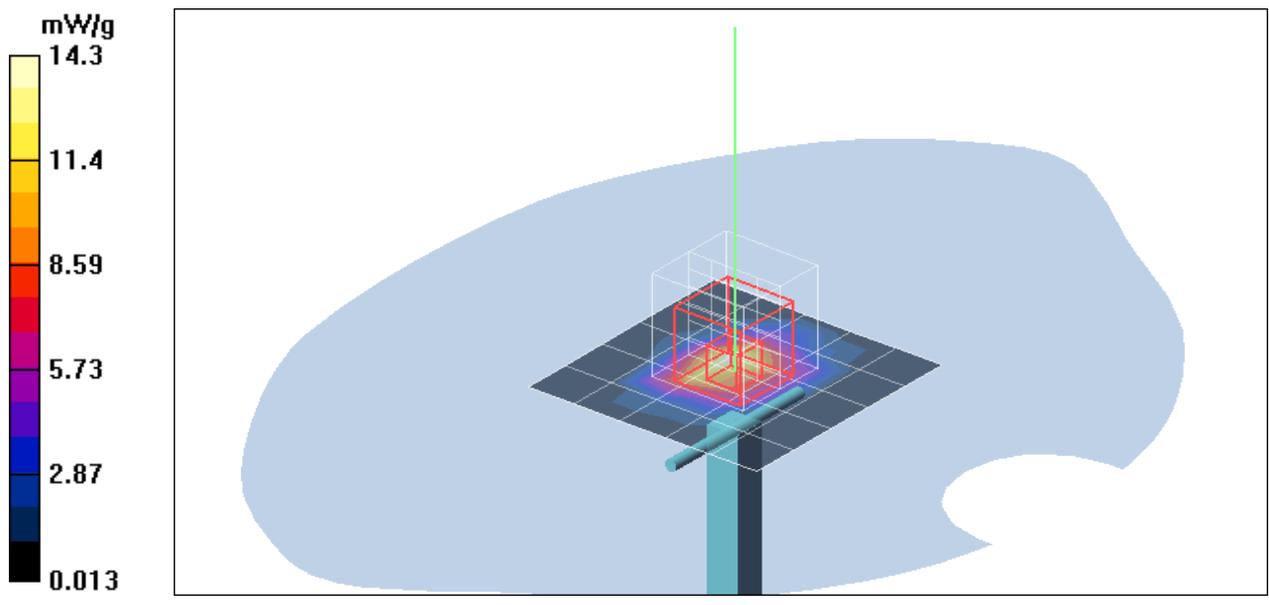Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.3 mW/g

# Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 97.6 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 28.6 W/kg
SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.26 mW/g
Maximum value of SAR (measured) = 19.4 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 19.9 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.871 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3

Phantom section: Left Section

Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
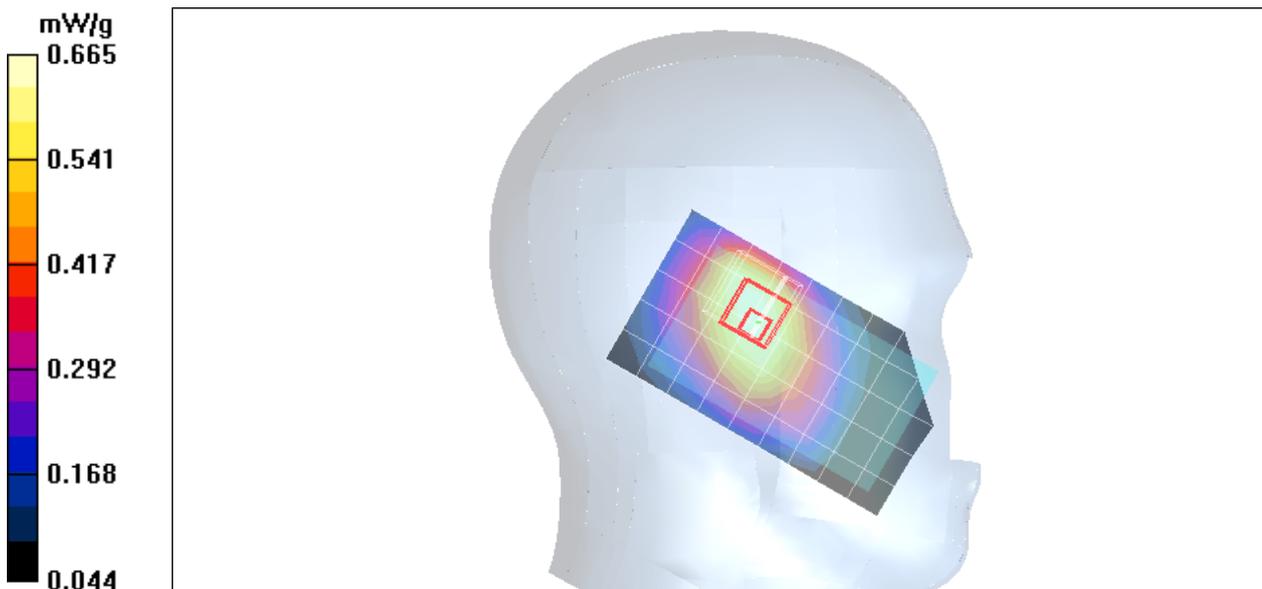
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Cheek Low CH128/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.665 mW/g

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

dy=7.5mm, dz=5mm

Reference Value = 23.4 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.801 W/kg

SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.669 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.882 mho/m; $ε_r$ = 41.1; ρ = 1000 kg/m^3

Phantom section: Left Section

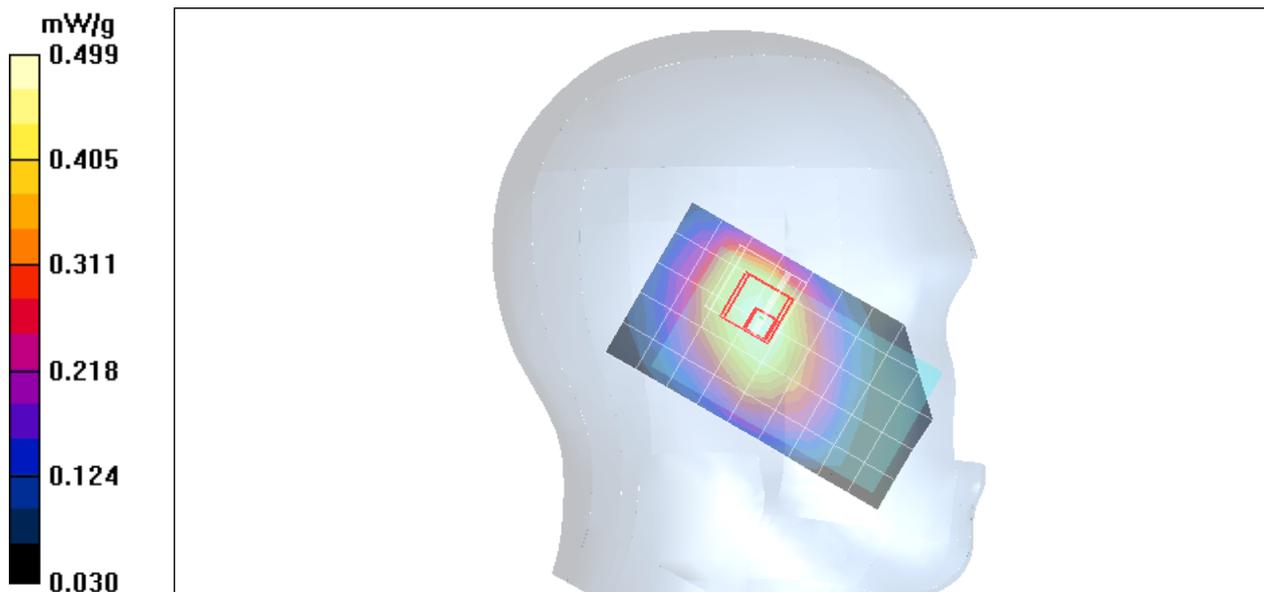Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Cheek Middle CH190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.491 mW/g

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

Reference Value = 19.9 V/m; Power Drift = -0.000 dB

Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.306 mW/g

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

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.893 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Left Section

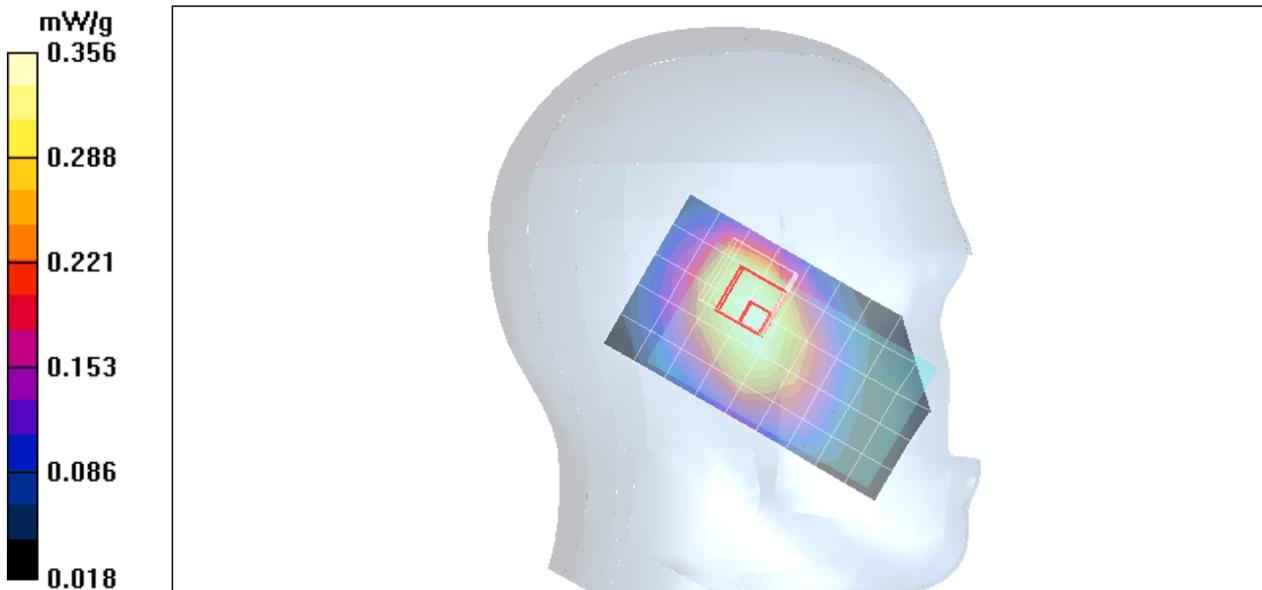Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Cheek High CH251/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.353 mW/g

Left Cheek High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.424 W/kg
SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 0.356 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.871 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
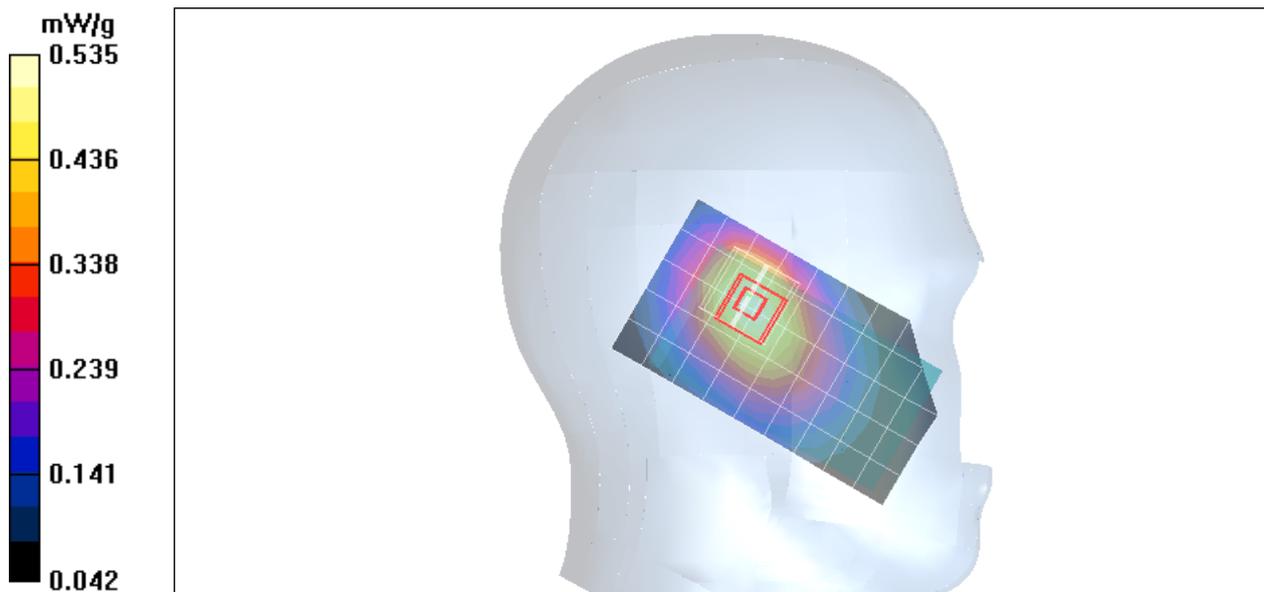Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Tilted Low CH128/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.536 mW/g

Left Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 21.2 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.627 W/kg
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.535 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.882 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Left Section
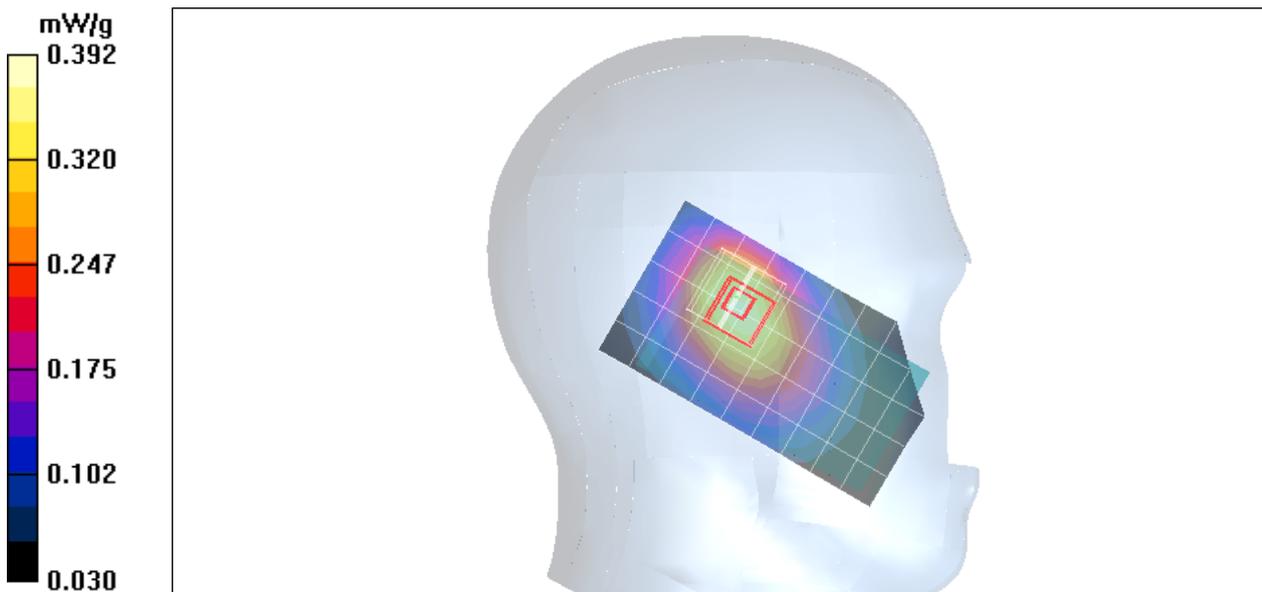Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Tilted Middle CH190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.386 mW/g

Left Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.000 dB
Peak SAR (extrapolated) = 0.462 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.392 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 848.8 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.893 mho/m; $ε_r$ = 41; ρ = 1000 kg/m^3
Phantom section: Left Section
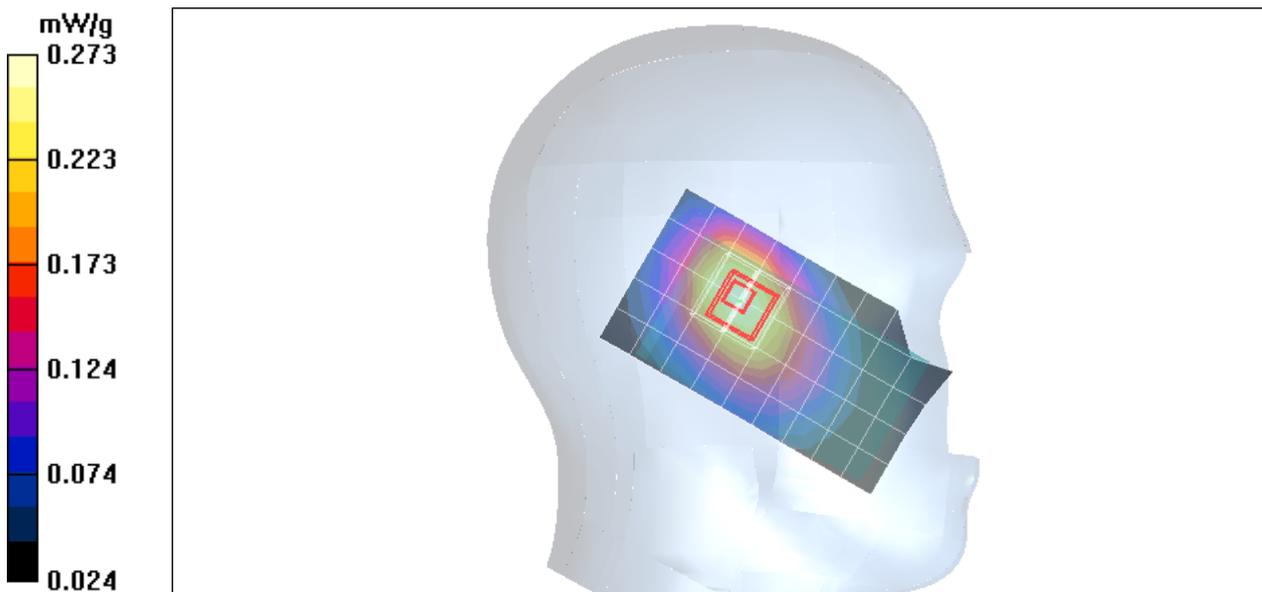Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Tilted High CH251/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.274 mW/g

Left Tilted High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 14.8 V/m; Power Drift = -0.047 dB
Peak SAR (extrapolated) = 0.323 W/kg
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.273 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.871 mho/m; $ε_r$ = 41.3; ρ = 1000 kg/m^3

Phantom section: Right Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
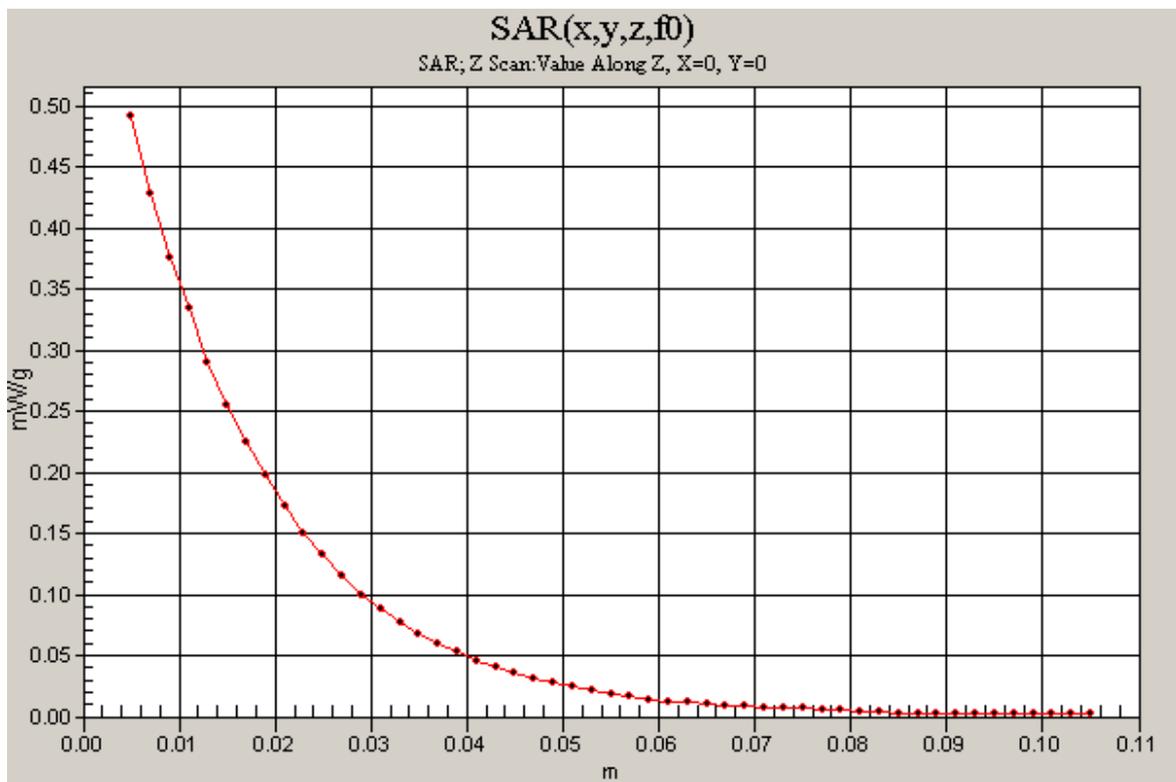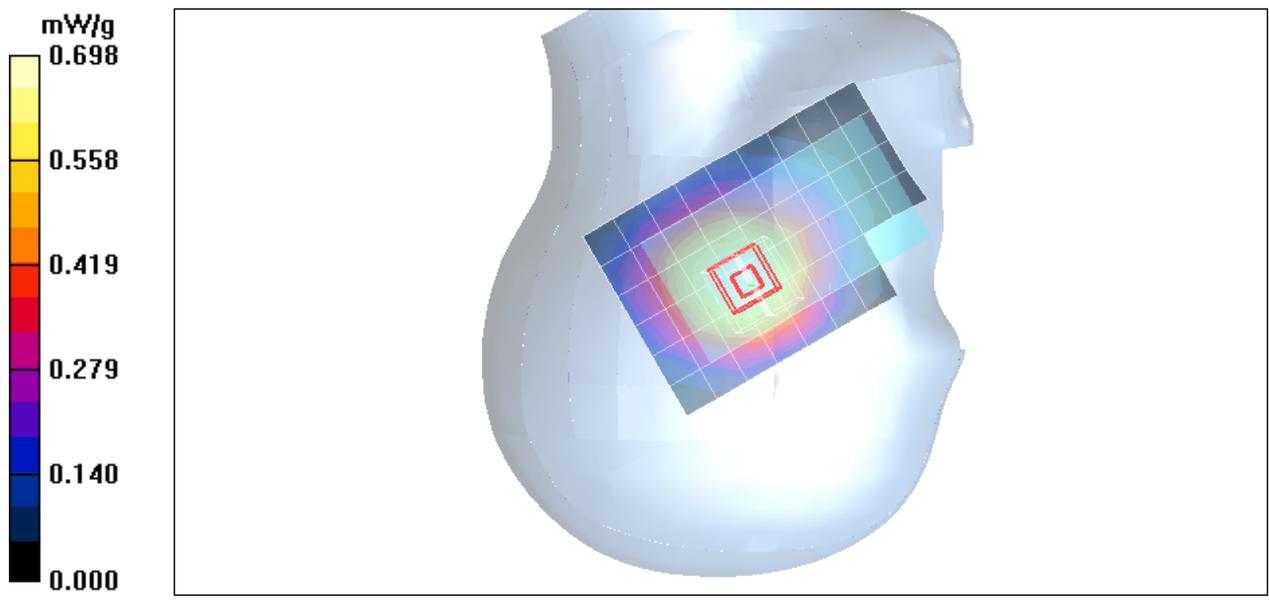Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Cheek Low CH128/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.698 mW/g

Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 0.732 mW/g

Right Cheek Low CH128/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Maximum value of SAR (measured) = 0.491 mW/g

SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.882 mho/m; $ε_r$ = 41.1; ρ = 1000 kg/m³
Phantom section: Right Section
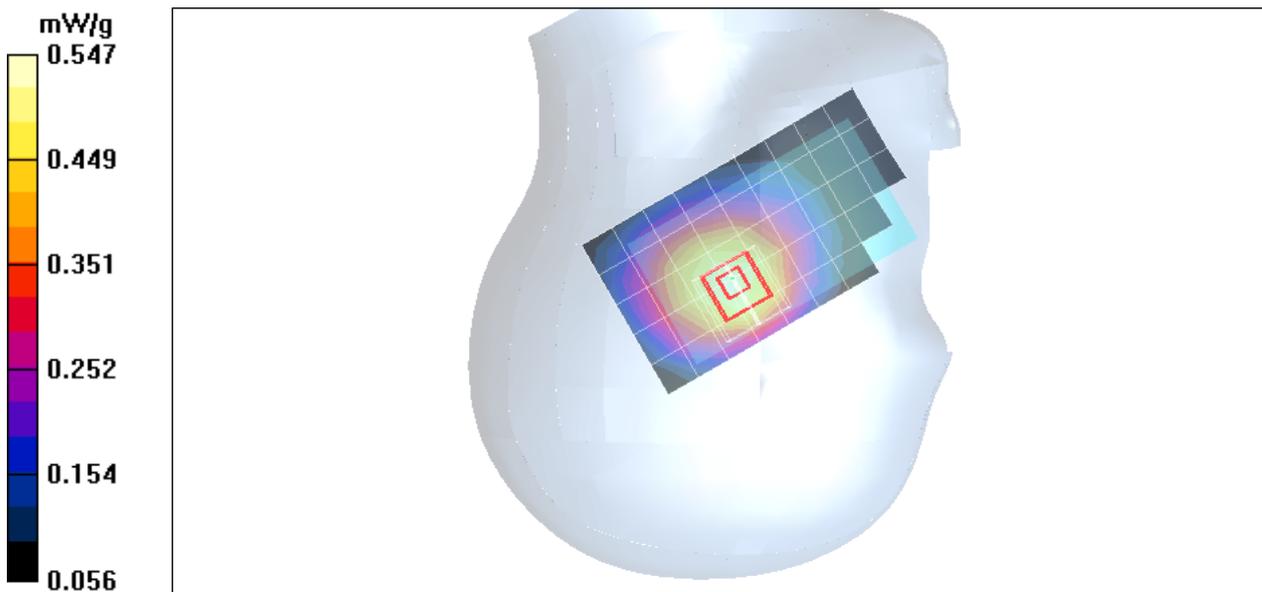Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Cheek Middle CH190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.539 mW/g

Right Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.360 mW/g
Maximum value of SAR (measured) = 0.547 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.893 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Right Section

Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Cheek High CH251/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
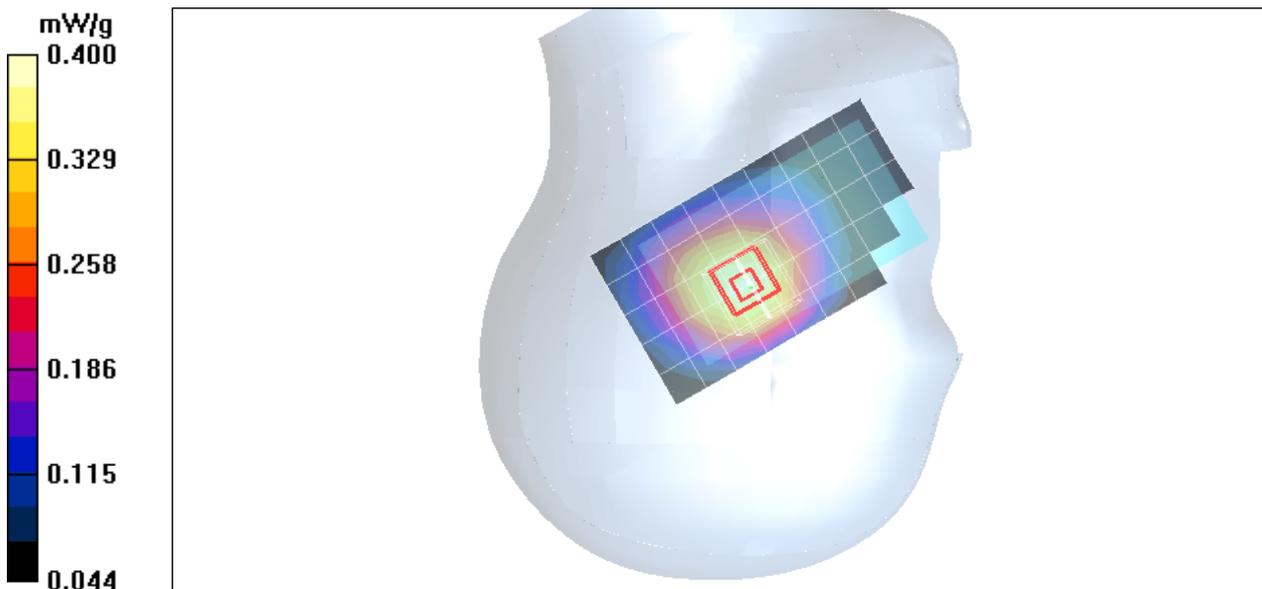Maximum value of SAR (measured) = 0.387 mW/g

Right Cheek High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 18.6 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.452 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.400 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.871 mho/m; $ε_r$ = 41.3; ρ = 1000 kg/m^3

Phantom section: Right Section

Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Tilted Low CH128/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
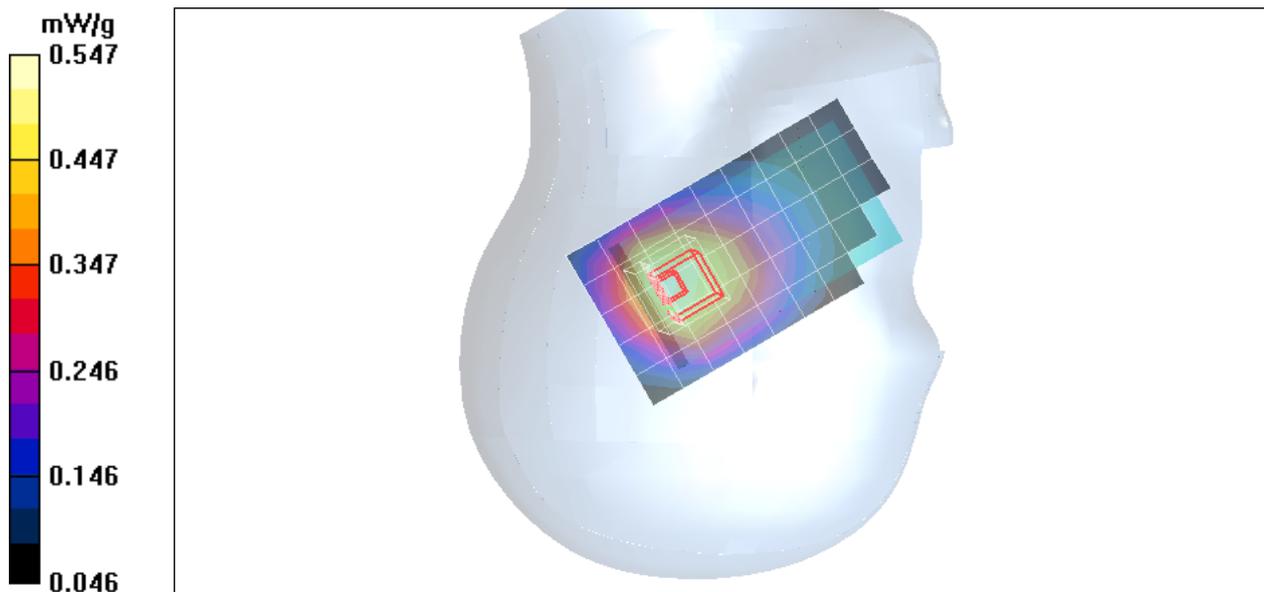
Maximum value of SAR (measured) = 0.537 mW/g

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

Reference Value = 24.9 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 0.547 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 836.6 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.882 mho/m; $ε_r$ = 41.1; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Tilted Middle CH190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.391 mW/g

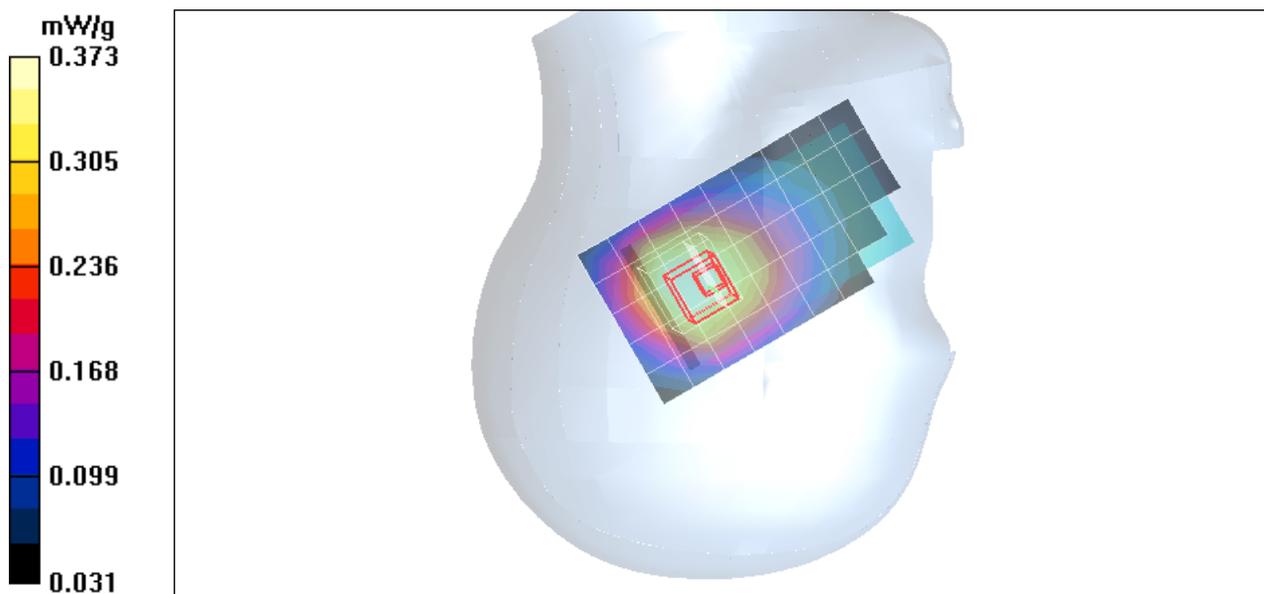## Right Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.248 mW/g
Maximum value of SAR (measured) = 0.373 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.893 mho/m; ε_r = 41; ρ = 1000 kg/m^3

Phantom section: Right Section

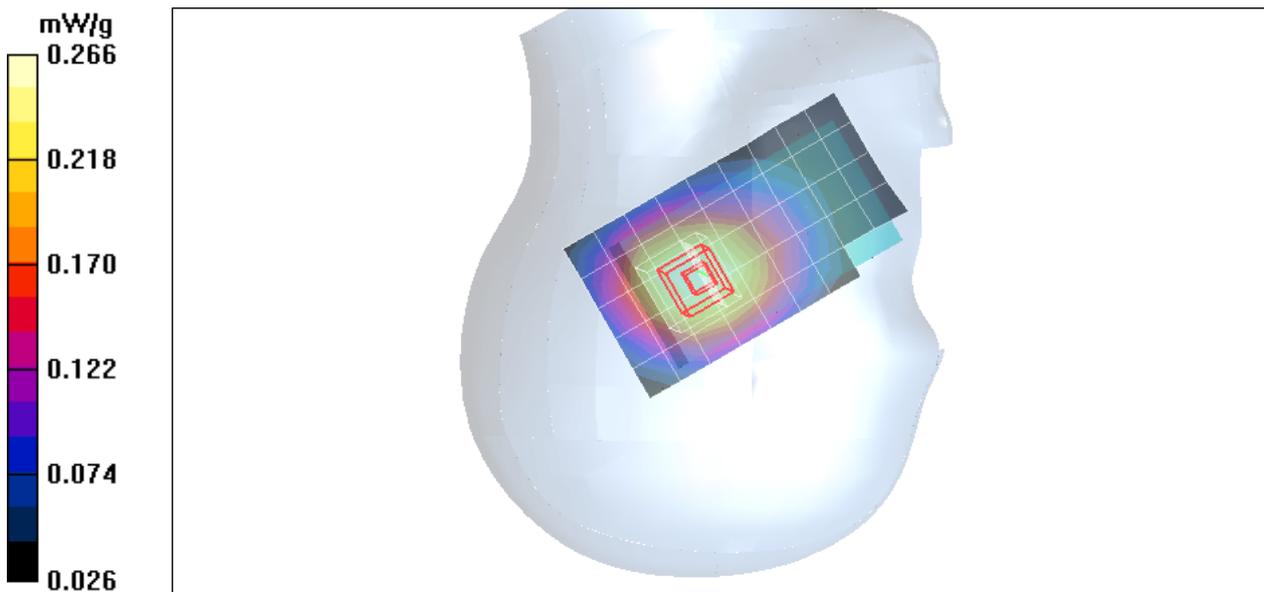Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Tilted High CH251/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.260 mW/g

Right Tilted High CH251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.266 mW/g

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA100; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.871 mho/m; $ε_r$ = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(7.9, 7.9, 7.9);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

co-Location 802.11b+Bt+Right Cheek Low CH128/Area Scan (7x10x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.708 mW/g

co-Location 802.11b+Bt+Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.6 V/m; Power Drift = -0.060 dB
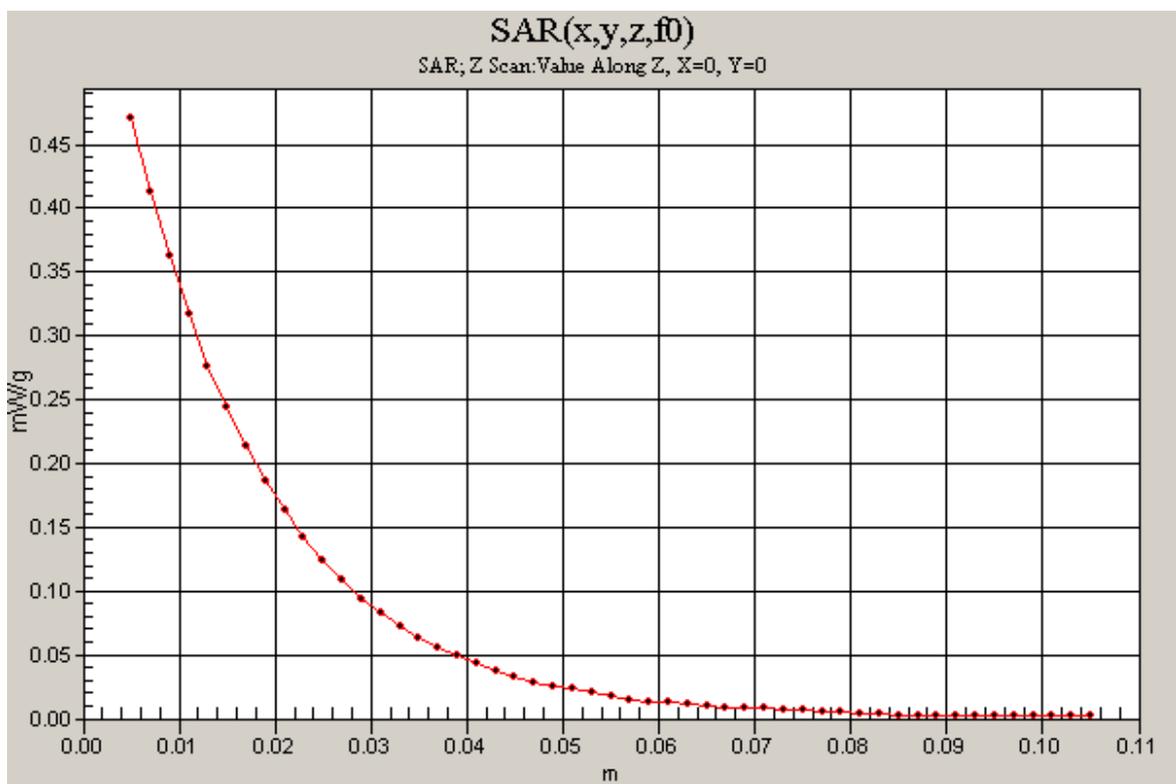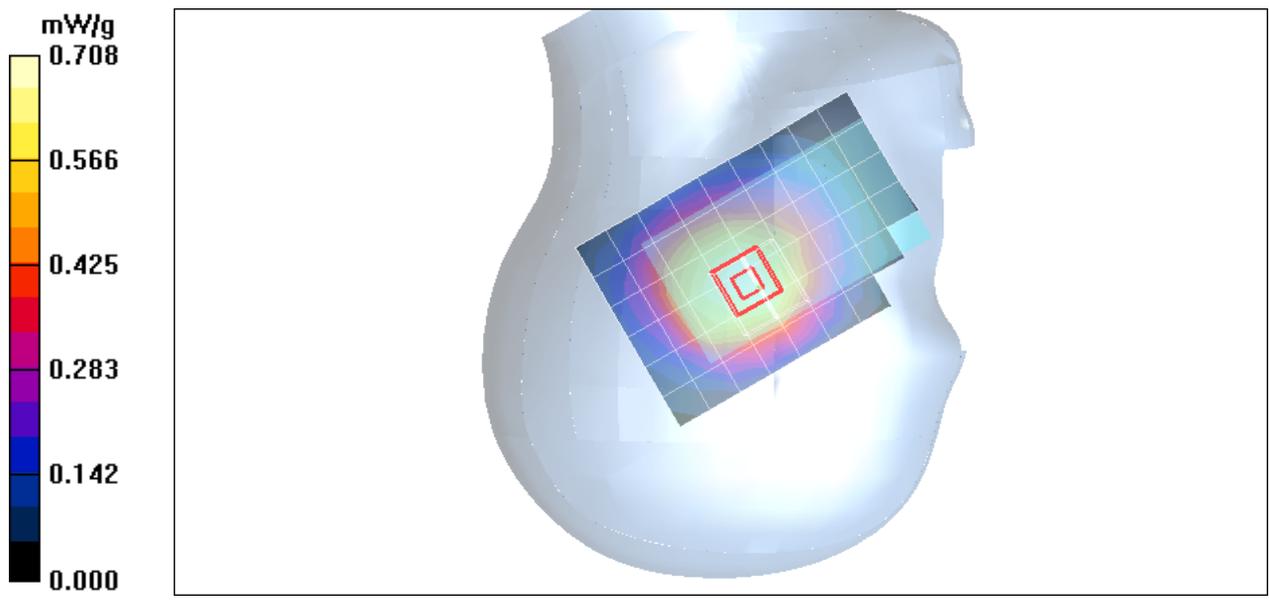Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 0.705 mW/g

co-Location 802.11b+Bt+Right Cheek Low CH128/Z Scan (1x1x51):
Measurement grid: dx=20mm, dy=20mm, dz=2mm
Maximum value of SAR (measured) = 0.471 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

GSM 850-Right HERA110 close

DUT: HERA100; Type: PDA phone; Serial: N/A

Communication System: GSM 850; Frequency: 824.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.871 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(7.9, 7.9, 7.9);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

co-Location 802.11g+Bt+Right Cheek Low CH128/Area Scan (7x10x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.650 mW/g

co-Location 802.11g+Bt+Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.2 V/m; Power Drift = -0.013 dB
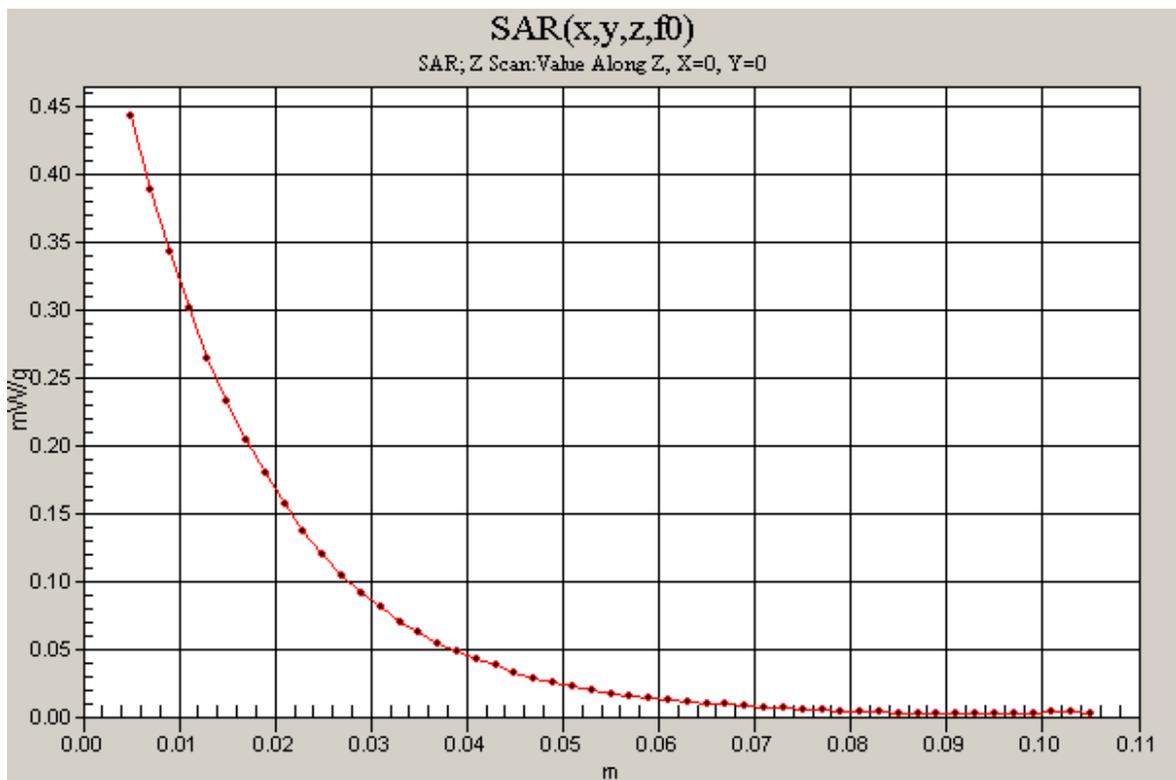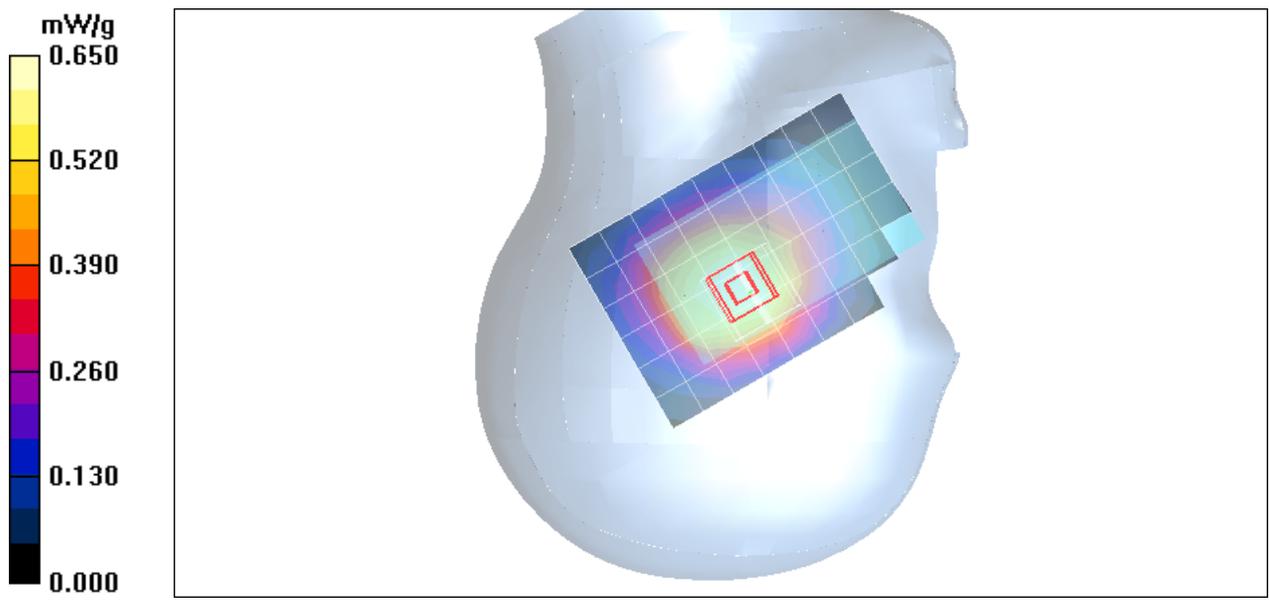Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.435 mW/g
Maximum value of SAR (measured) = 0.657 mW/g

co-Location 802.11g+Bt+Right Cheek Low CH128/Z Scan (1x1x51):
Measurement grid: dx=20mm, dy=20mm, dz=2mm
Maximum value of SAR (measured) = 0.443 mW/g

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.38 mho/m; $ε_r$ = 39.7; ρ = 1000 kg/m^3
Phantom section: Left Section
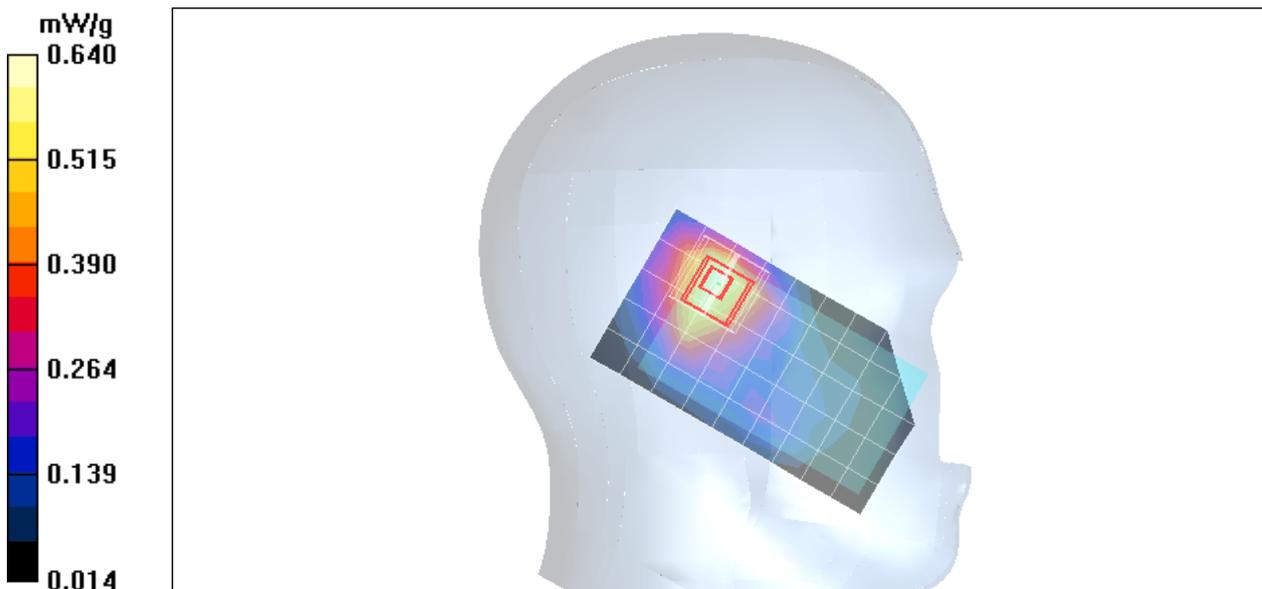Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Cheek Low CH512/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.627 mW/g

Left Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.295 mW/g
Maximum value of SAR (measured) = 0.640 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Left Section
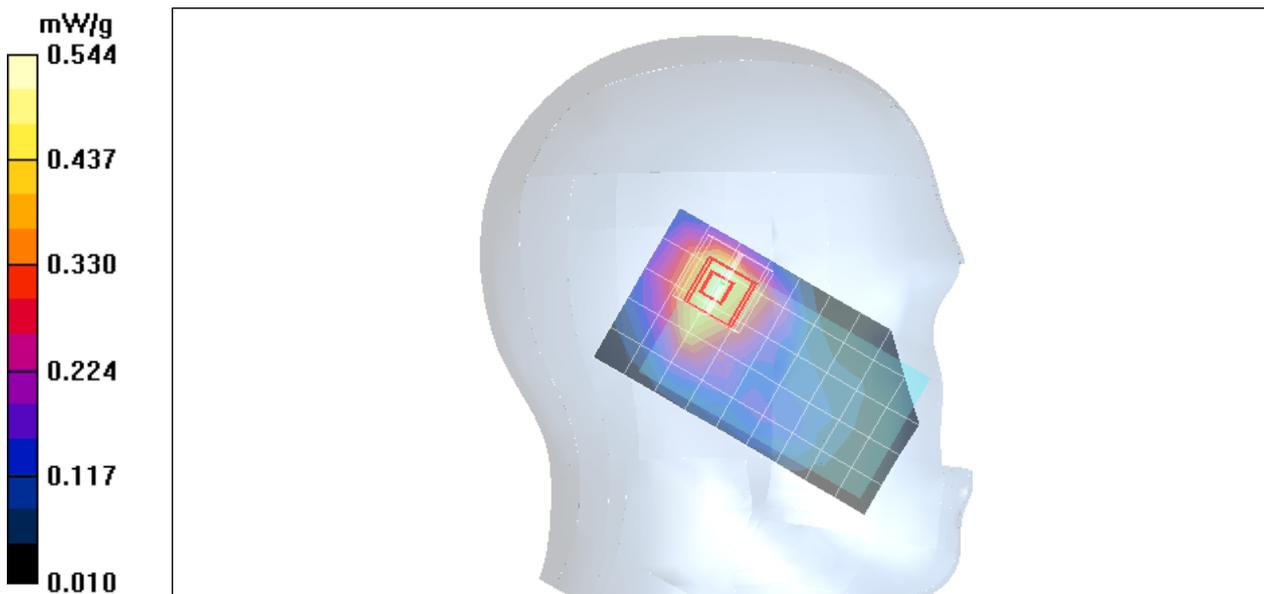Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Cheek Middle CH661/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.508 mW/g

Left Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 0.722 W/kg
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.247 mW/g
Maximum value of SAR (measured) = 0.544 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Phantom section: Left Section

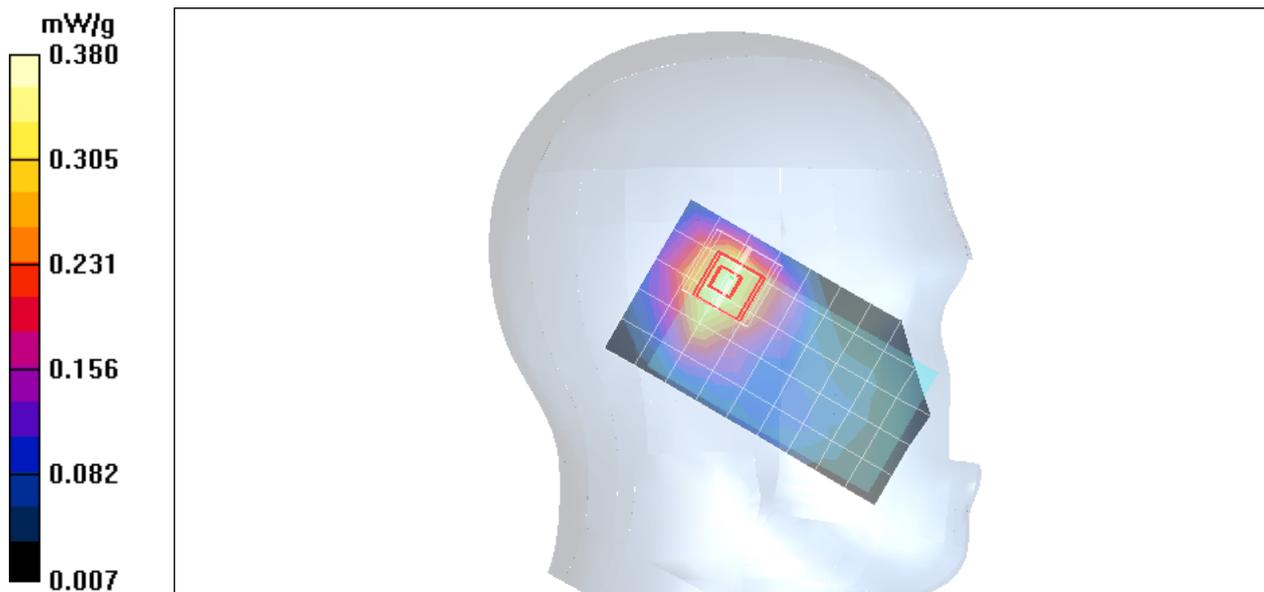Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Cheek High CH810/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.353 mW/g

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

dy=7.5mm, dz=5mm

Reference Value = 14.7 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.172 mW/g

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

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.38 mho/m; $ε_r$ = 39.7; ρ = 1000 kg/m^3

Phantom section: Left Section
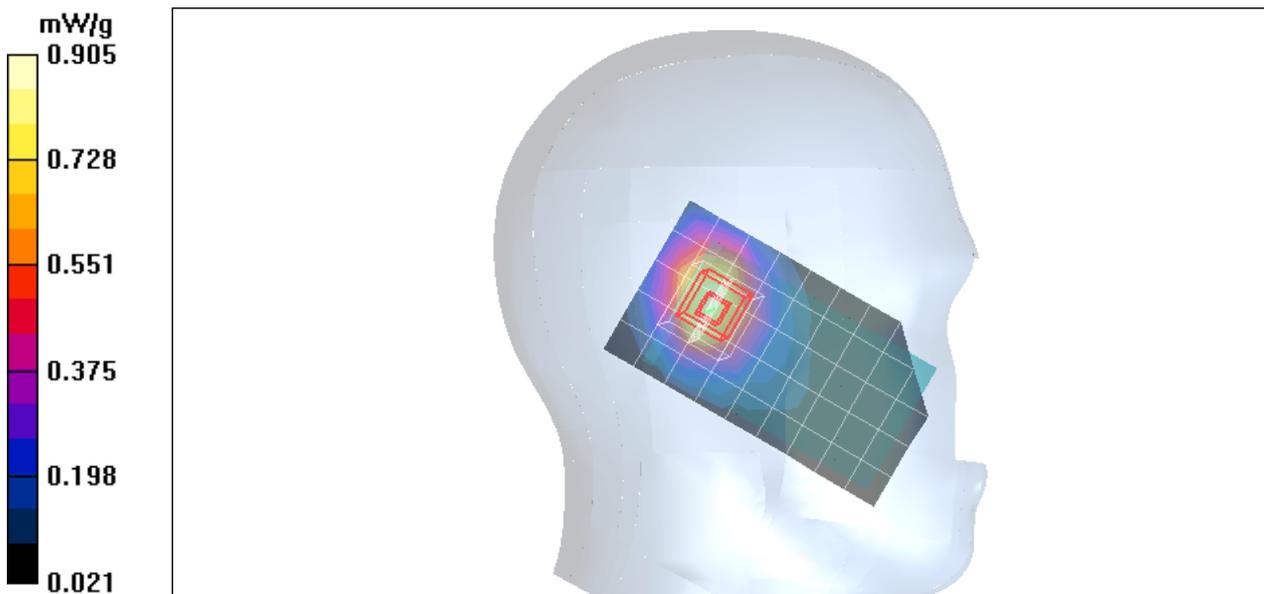Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Tilted Low CH512/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.871 mW/g

Left Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.905 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Left Section

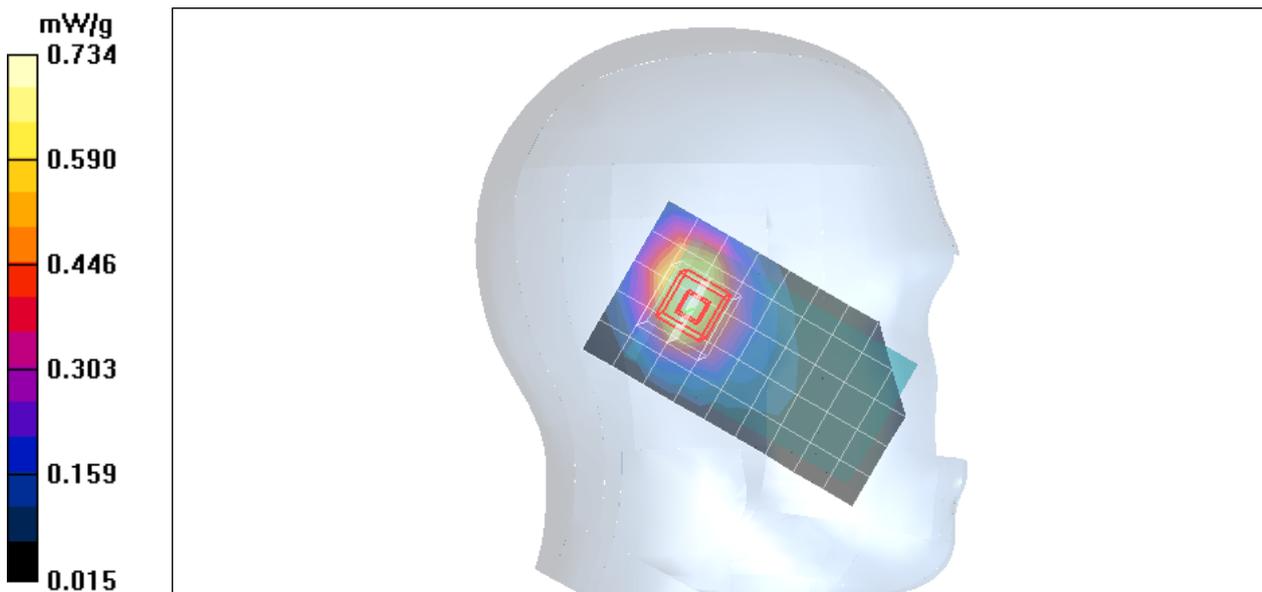Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Tilted Middle CH661/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.725 mW/g

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

Reference Value = 23.3 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.967 W/kg

SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.734 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Left HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Phantom section: Left Section
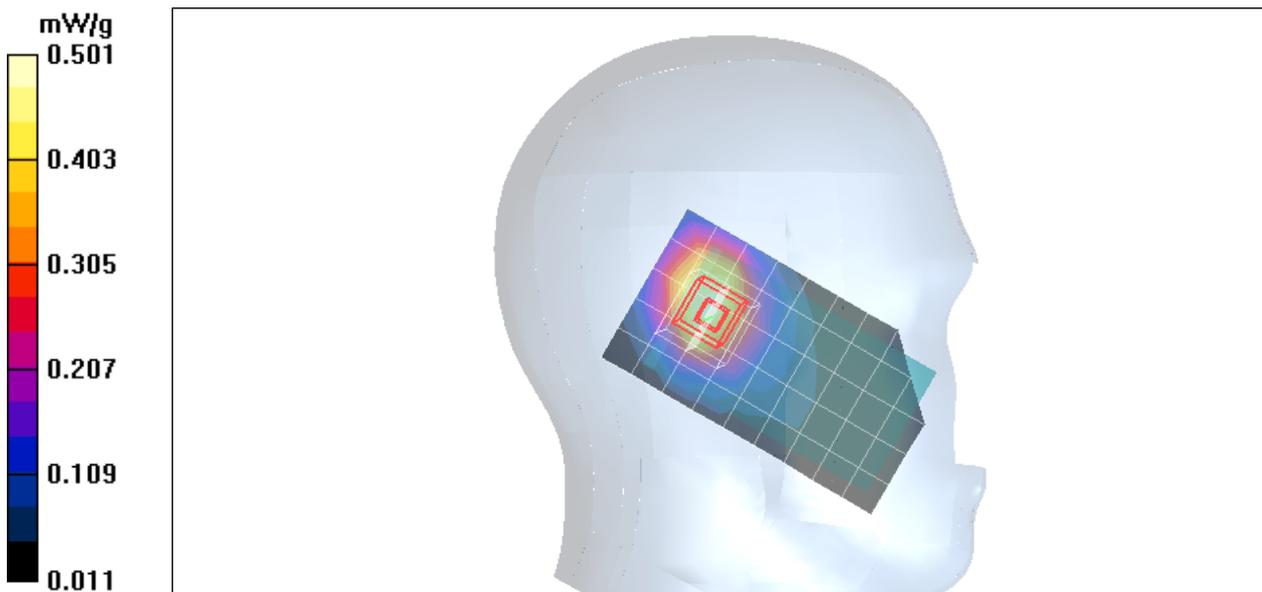Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Left Tilted High CH810/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.499 mW/g

Left Tilted High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.236 mW/g
Maximum value of SAR (measured) = 0.501 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3

Phantom section: Right Section

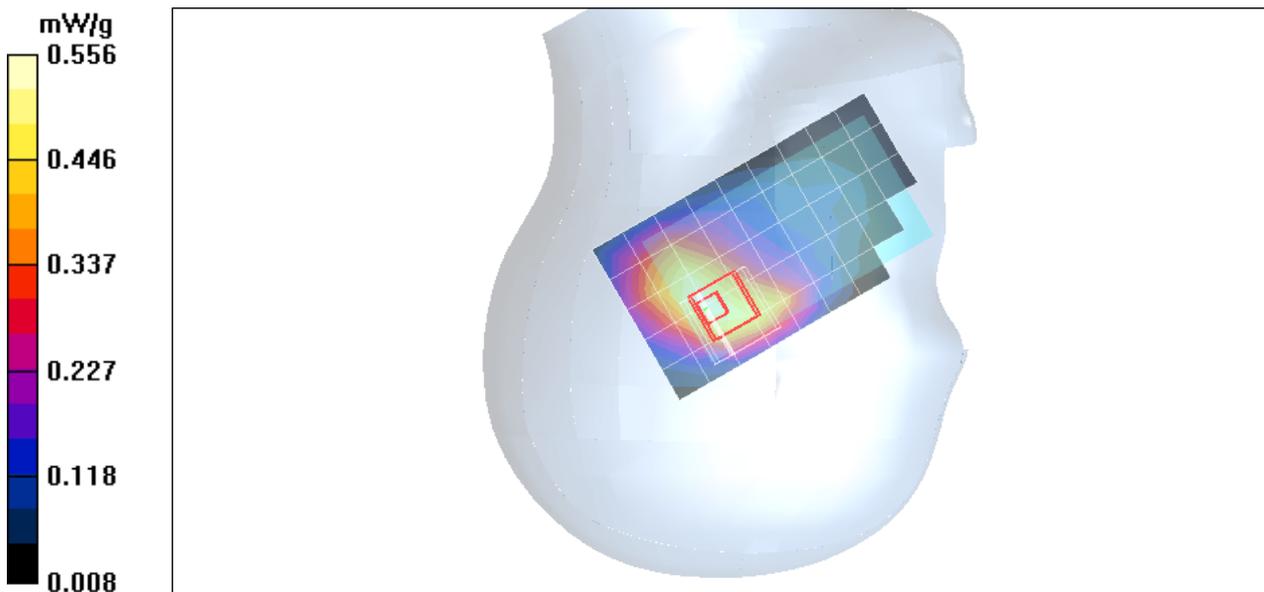Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Cheek Low CH512/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.559 mW/g

Right Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.4 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.556 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Right Section
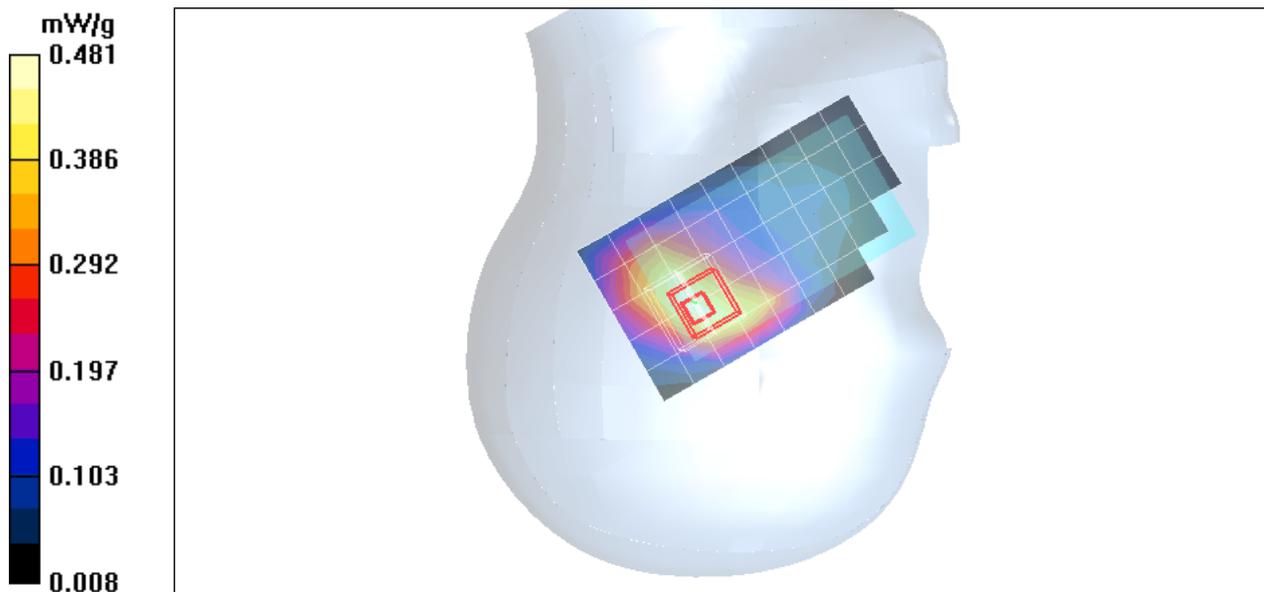Air Temperature:24.1 deg C;Liquid Temperature:23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Cheek Middle CH661/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.484 mW/g

Right Cheek 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 = -0.009 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.481 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:8
Medium parameters used: f = 1910 MHz; σ = 1.44 mho/m; $ε_r$ = 39.4; ρ = 1000 kg/m^3
Phantom section: Right Section
Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(6.57, 6.57, 6.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Cheek High CH810/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
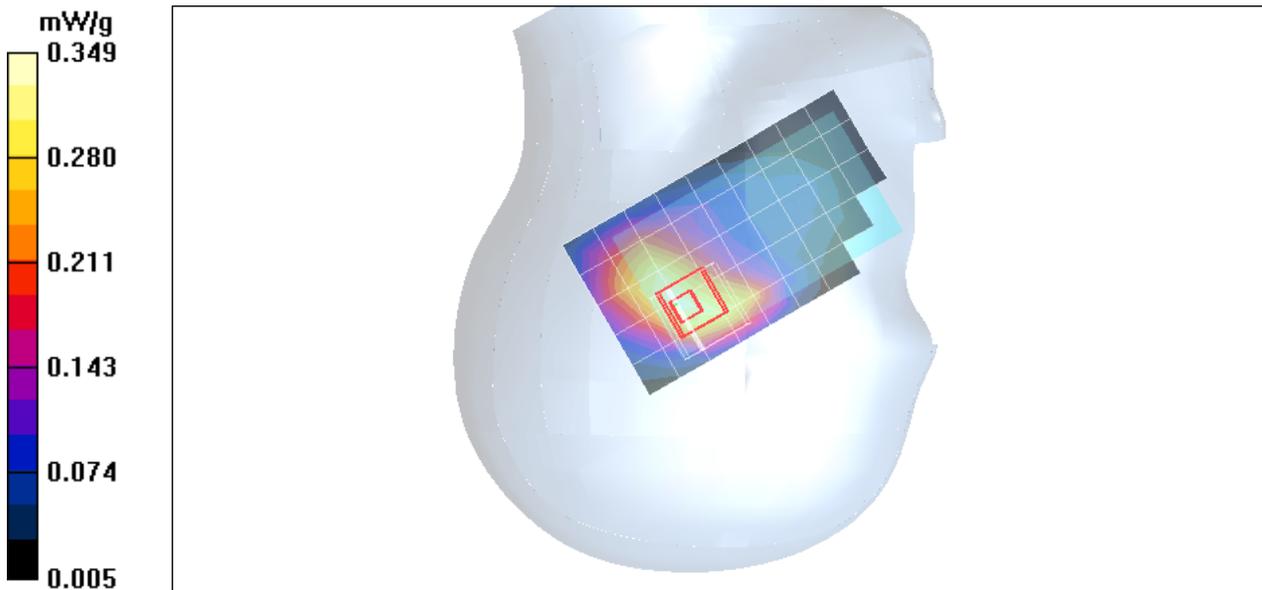Maximum value of SAR (measured) = 0.347 mW/g

Right Cheek High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm,
dy=7.5mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.349 mW/g

Test Laboratory: Compliance Certification Services Inc.

PCS1900-Right HERA110 close

DUT: HERA110; Type: PDA phone; Serial: N/A

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

Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3

Phantom section: Right Section

Air Temperature:24.1 deg C;Liquid Temperature:23.2 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(6.57, 6.57, 6.57);

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 8/23/2006

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Right Tilted Low CH512/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.899 mW/g

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

Reference Value = 26.1 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.922 mW/g

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

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

SAR(x,y,z,f0)

SAR; Z Scan:Value Along Z, X=0, Y=0