

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; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

Maximum value of SAR (measured) = 2.90 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.1 V/m; Power Drift = -0.006 dB

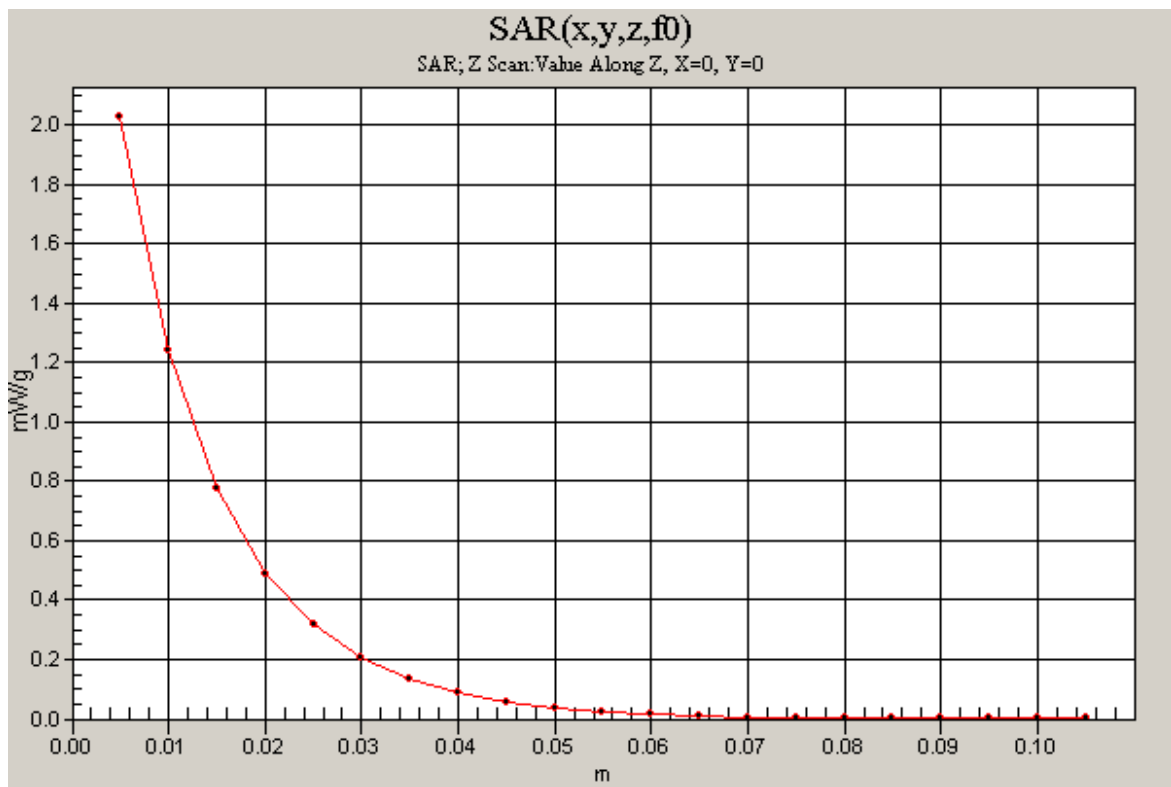
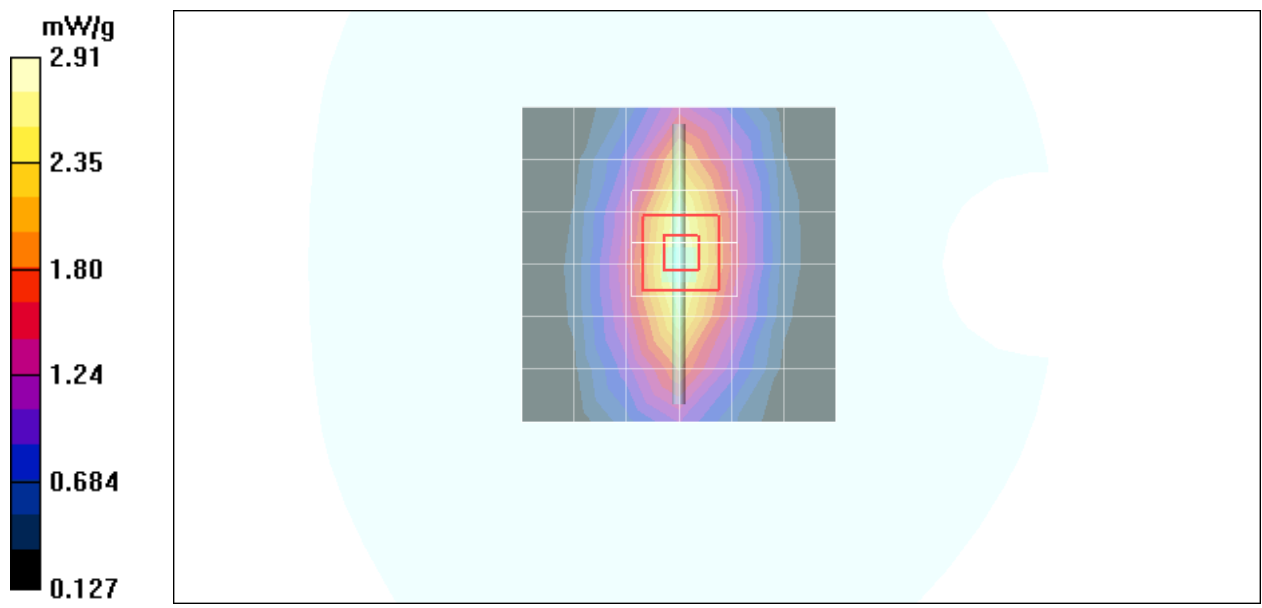
Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.38 mW/g

Maximum value of SAR (measured) = 2.91 mW/g

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

Maximum value of SAR (measured) = 2.03 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; $\sigma = 1$ mho/m; $\epsilon_r = 55.3$; $\rho = 1000$ 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(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

Maximum value of SAR (measured) = 3.12 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.9 V/m; Power Drift = -0.006 dB

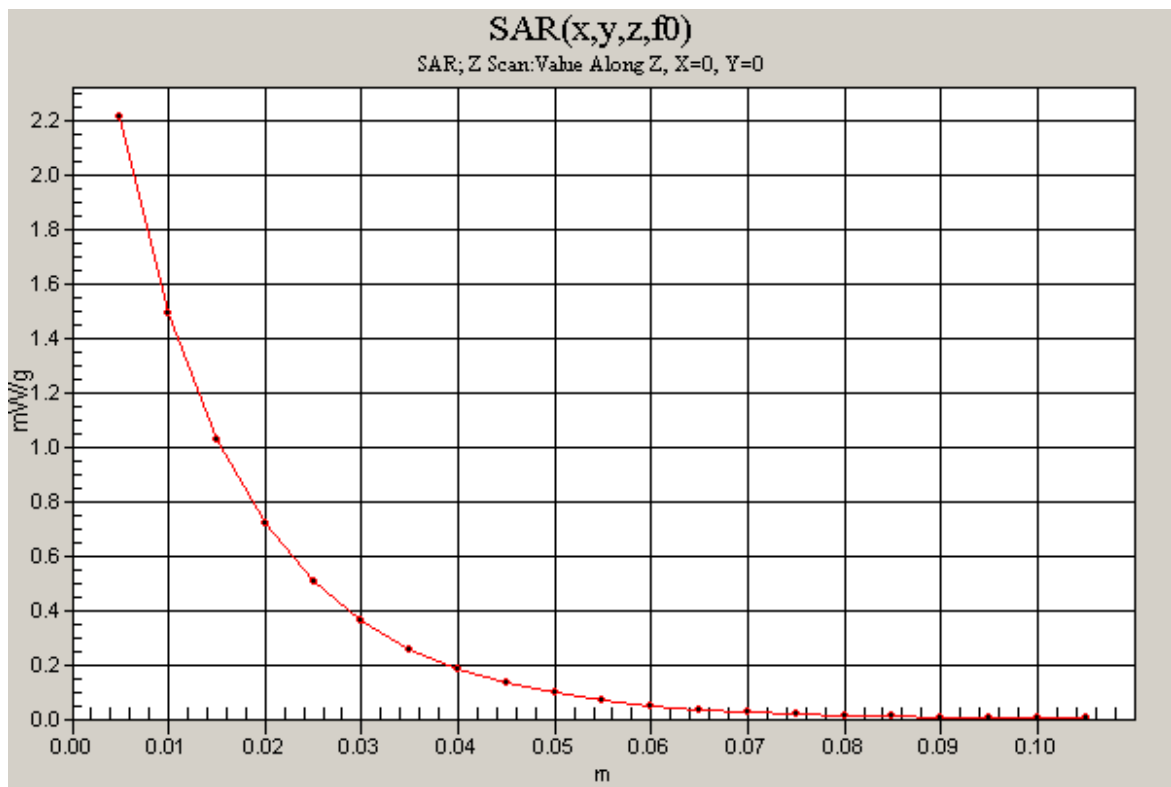
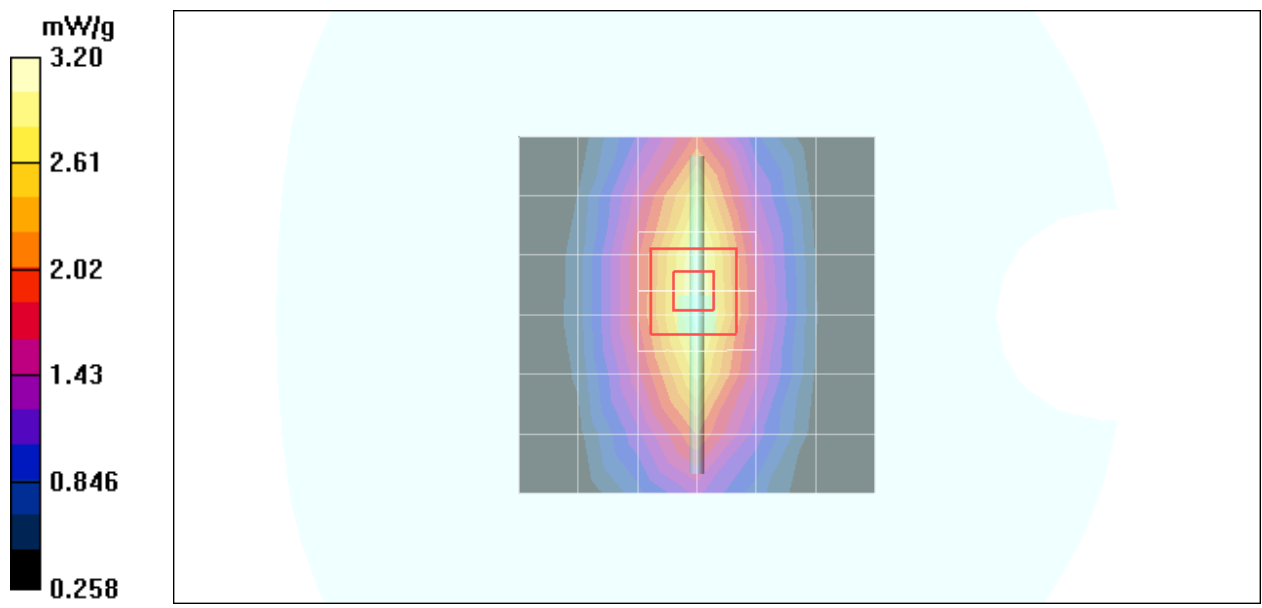
Peak SAR (extrapolated) = 3.91 W/kg

SAR(1 g) = 2.56 mW/g; SAR(10 g) = 1.69 mW/g

Maximum value of SAR (measured) = 3.20 mW/g

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

Maximum value of SAR (measured) = 2.22 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; $\sigma = 1.44$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

Maximum value of SAR (measured) = 8.68 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 97.3 V/m; Power Drift = -0.044 dB

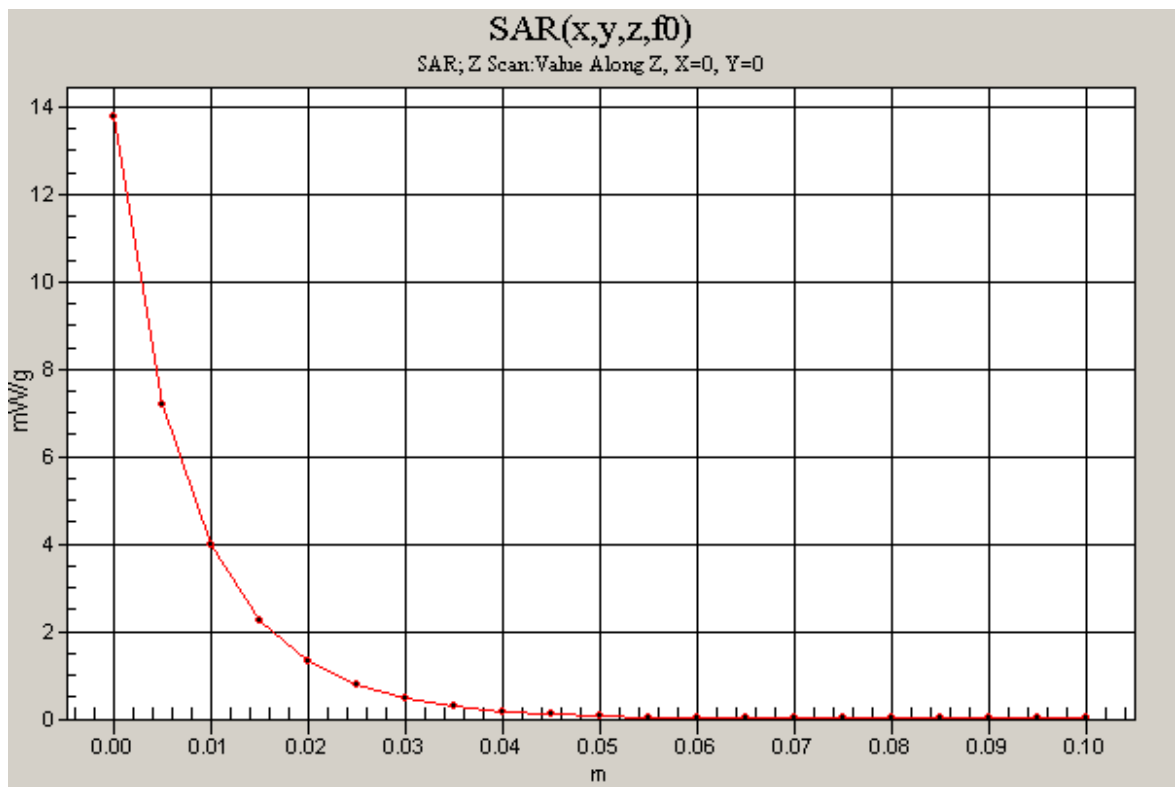
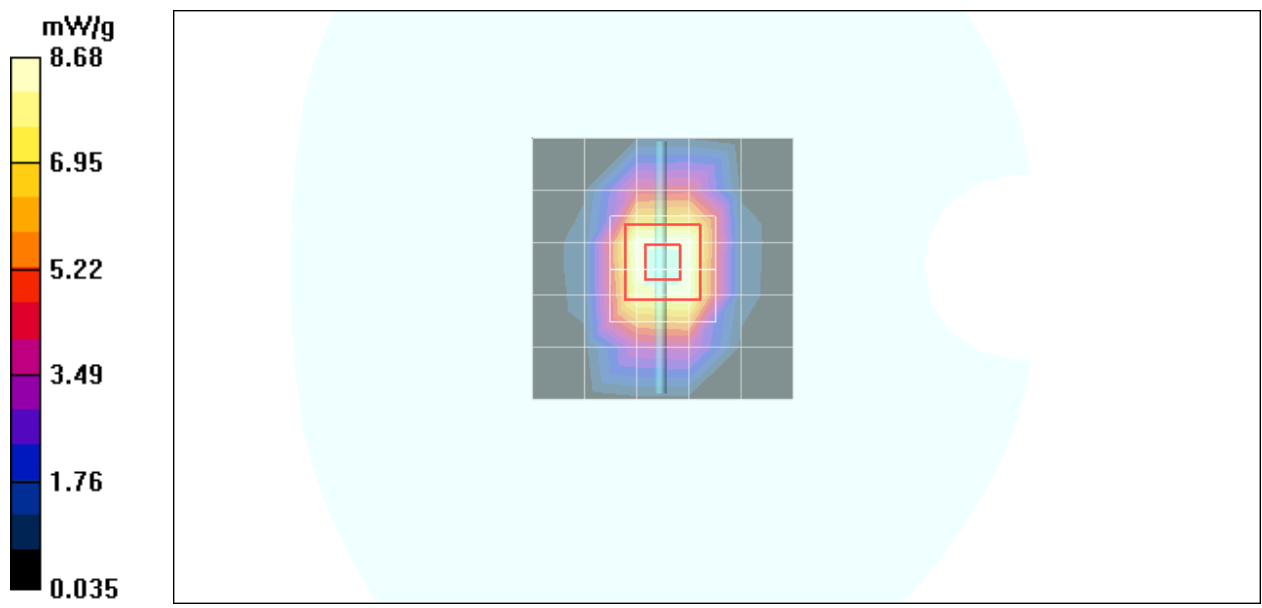
Peak SAR (extrapolated) = 18.7 W/kg

SAR(1 g) = 9.97 mW/g; SAR(10 g) = 5.04 mW/g

Maximum value of SAR (measured) = 13.5 mW/g

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

Maximum value of SAR (measured) = 13.8 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; $\sigma = 1.52$ mho/m; $\epsilon_r = 54.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

Maximum value of SAR (measured) = 9.21 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.3 V/m; Power Drift = 0.015 dB

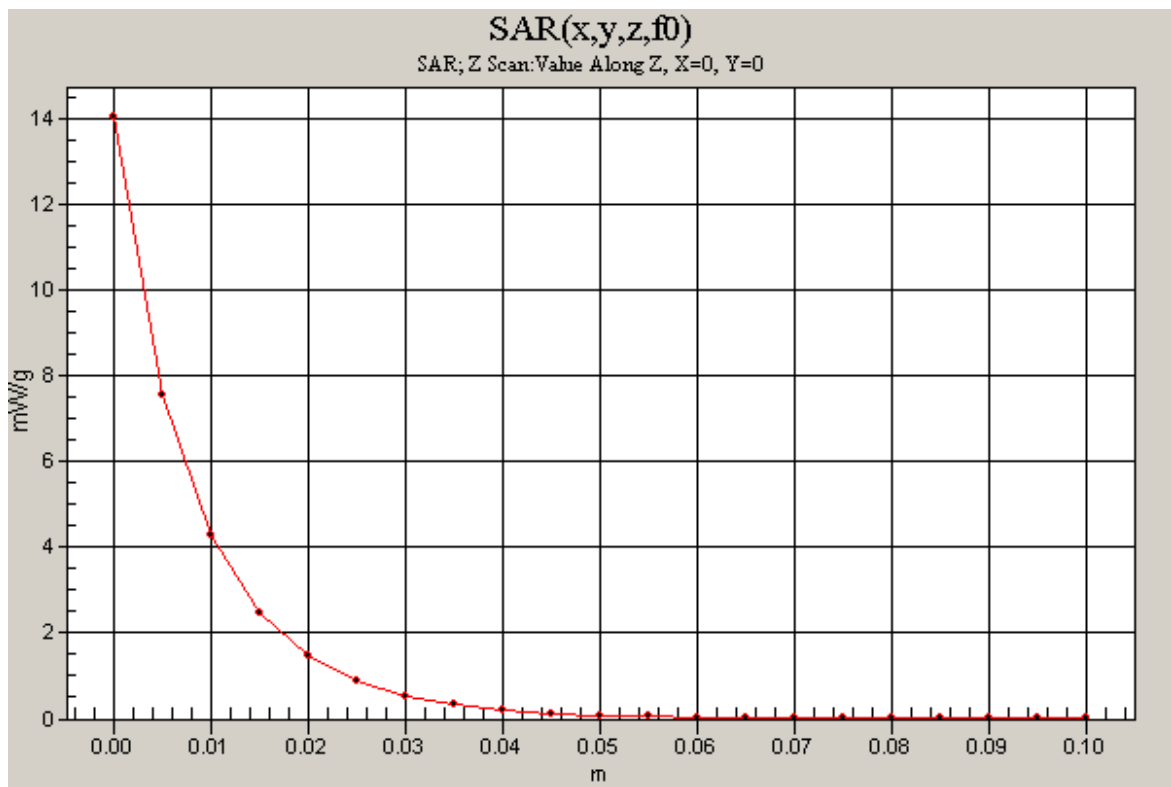
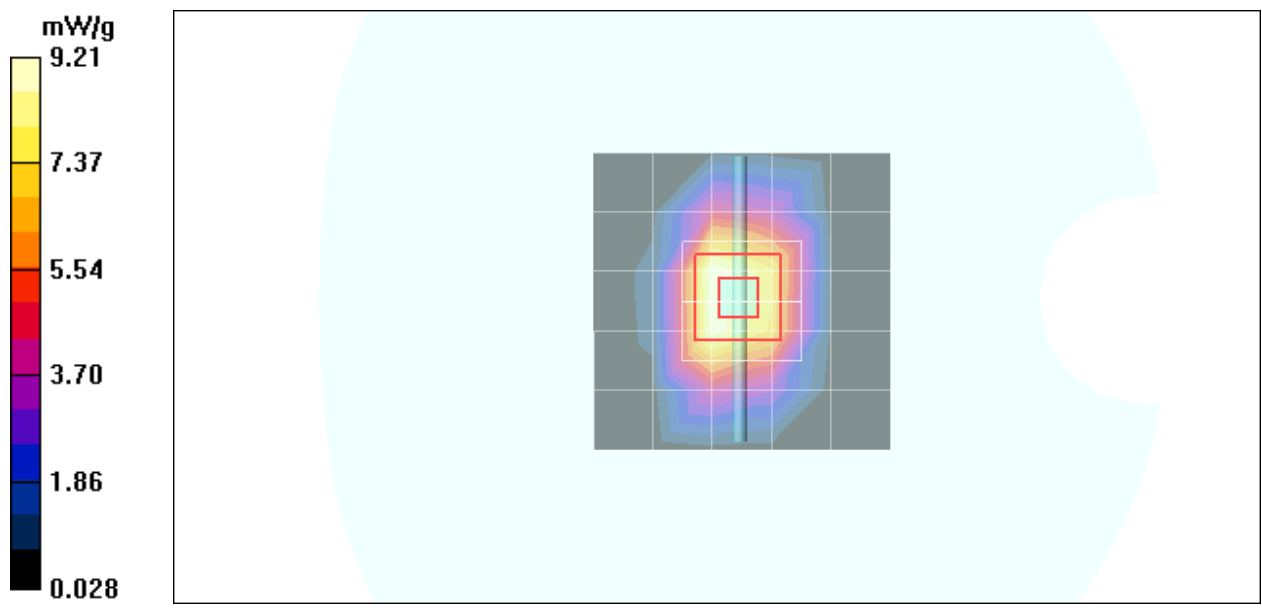
Peak SAR (extrapolated) = 19.3 W/kg

SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.2 mW/g

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

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

Maximum value of SAR (measured) = 14.0 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; $\sigma = 1.83$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ 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(6.25, 6.25, 6.25);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.2 V/m; Power Drift = -0.052 dB

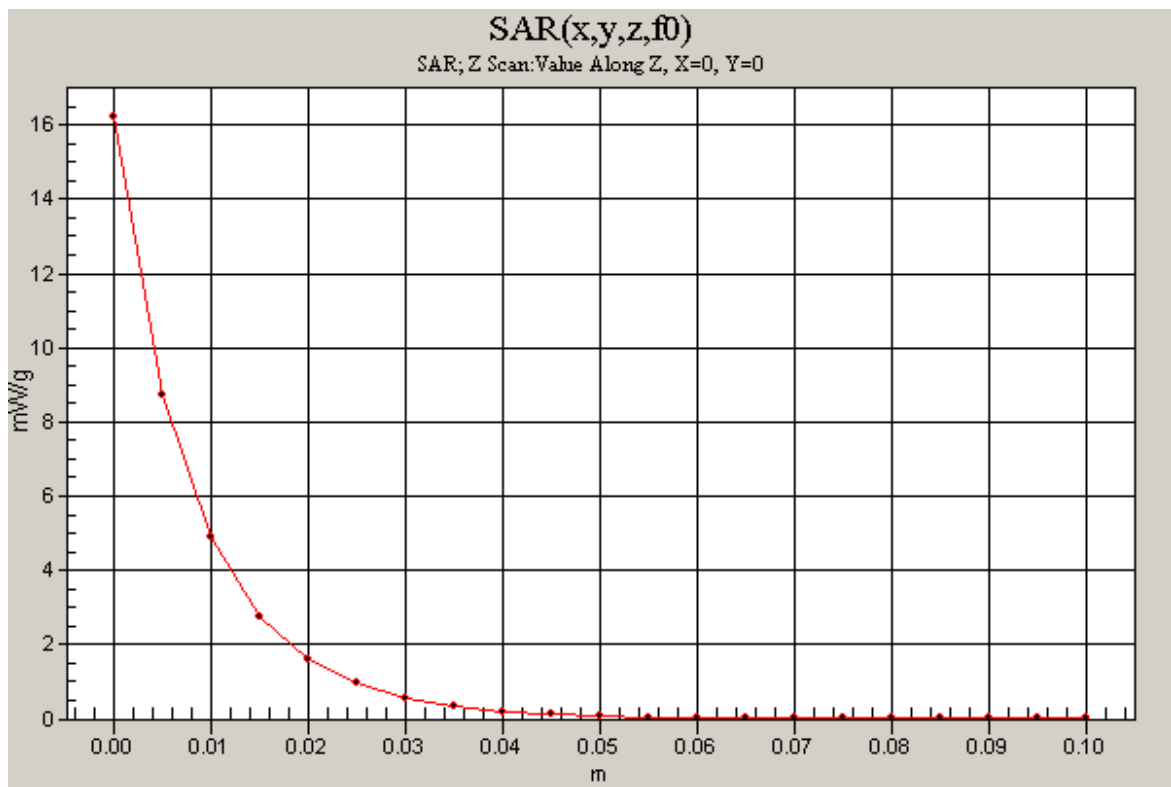
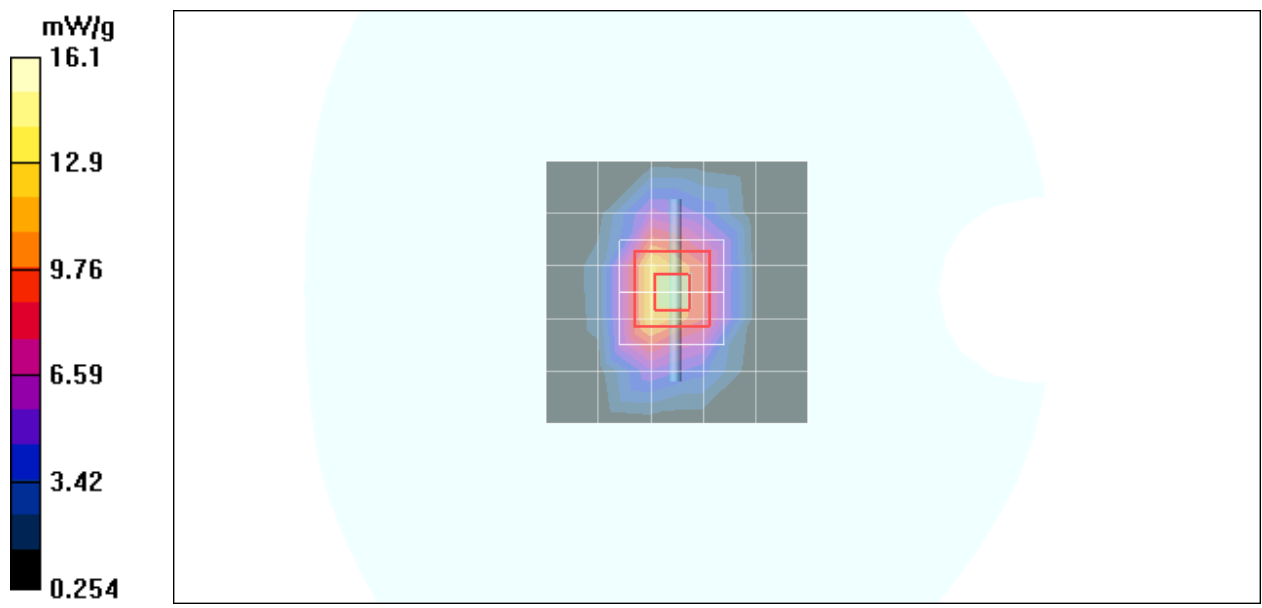
Peak SAR (extrapolated) = 27.2 W/kg

SAR(1 g) = 14.3 mW/g; SAR(10 g) = 7.33 mW/g

Maximum value of SAR (measured) = 16.1 mW/g

Pin=250mW,d=10mm 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 16.2 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; $\sigma = 2.02$ 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(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

Maximum value of SAR (measured) = 14.4 mW/g

Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.9 V/m; Power Drift = -0.034 dB

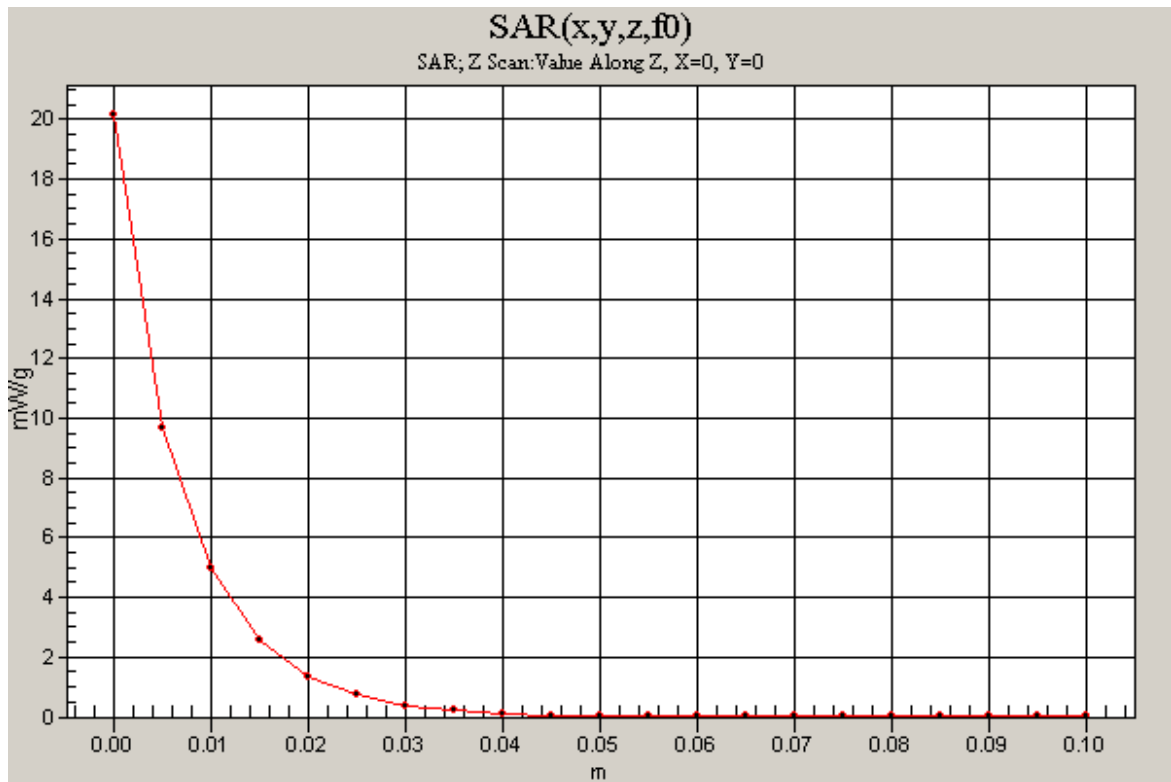
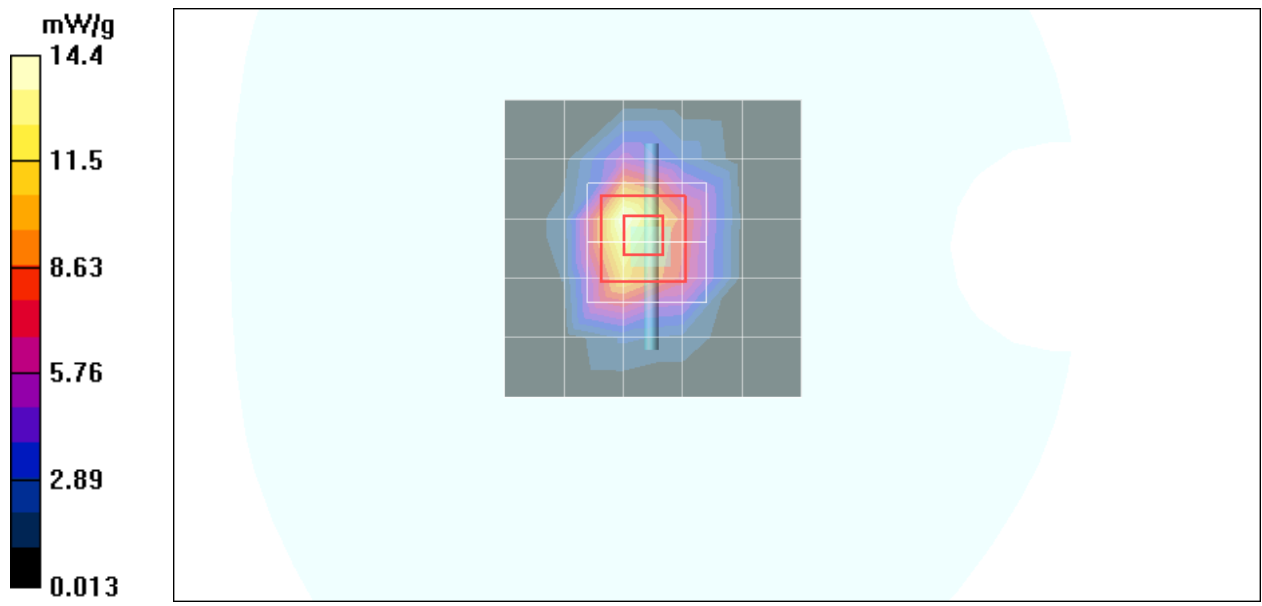
Peak SAR (extrapolated) = 28.5 W/kg

SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.3 mW/g

Maximum value of SAR (measured) = 19.5 mW/g

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

Maximum value of SAR (measured) = 20.2 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 835 -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH190/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.539 mW/g

Left Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0: Measurement

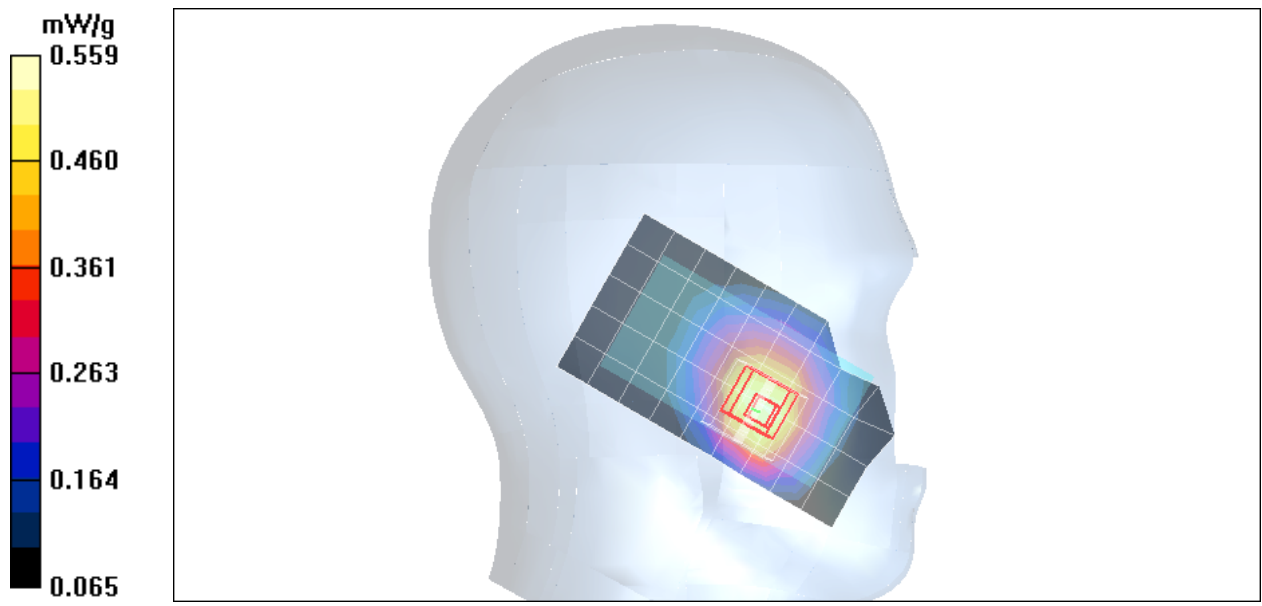
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 8.18 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.475 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.559 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 835 -Left Head IOLI110 battery II

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH190/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.461 mW/g

Left Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0: Measurement

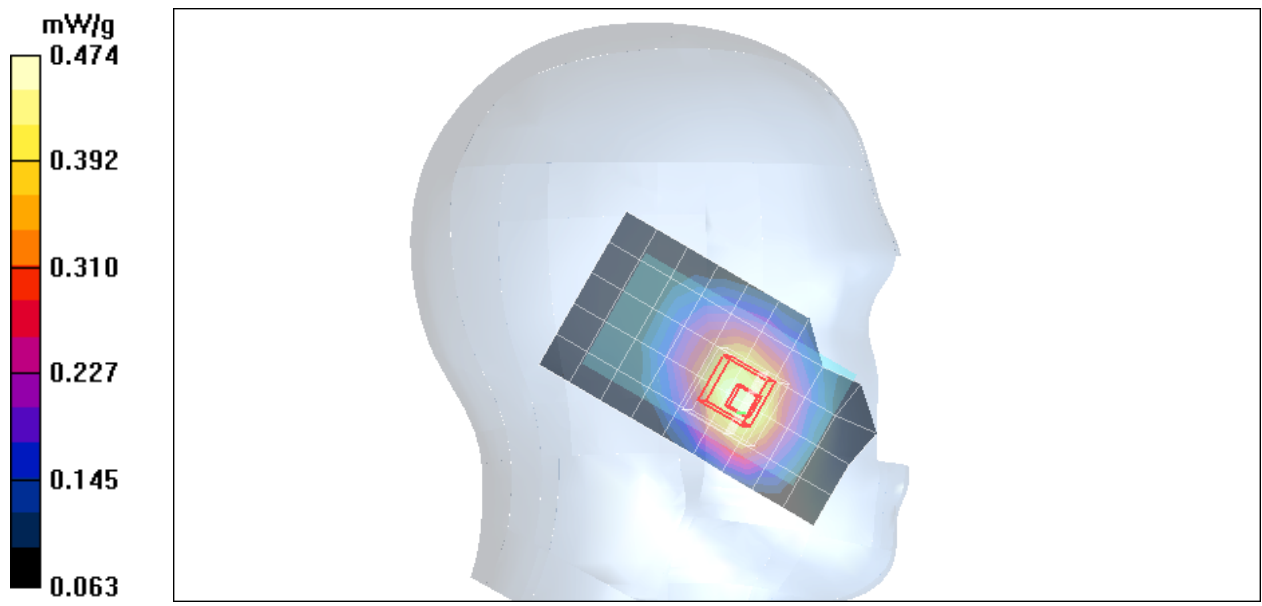
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 8.88 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.474 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 835 -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Middle CH190/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.289 mW/g

Left Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 13.2 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.301 mW/g

Left Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 1: Measurement

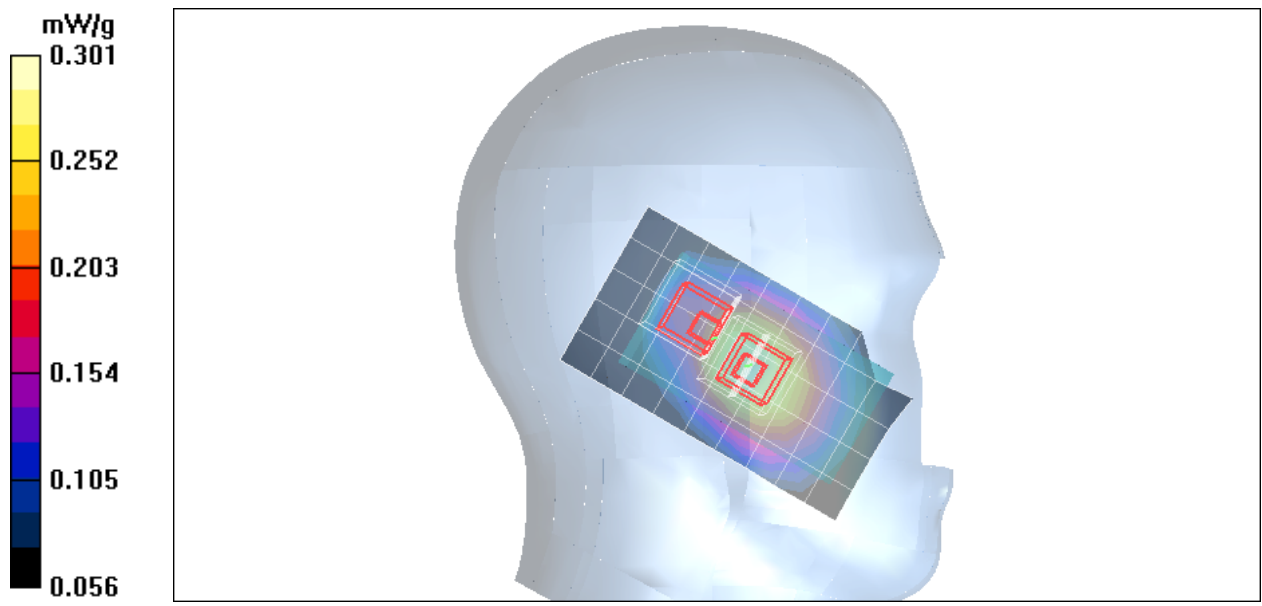
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 13.2 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.115 mW/g

Maximum value of SAR (measured) = 0.222 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 835 -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH190/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.459 mW/g

Right Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0: Measurement

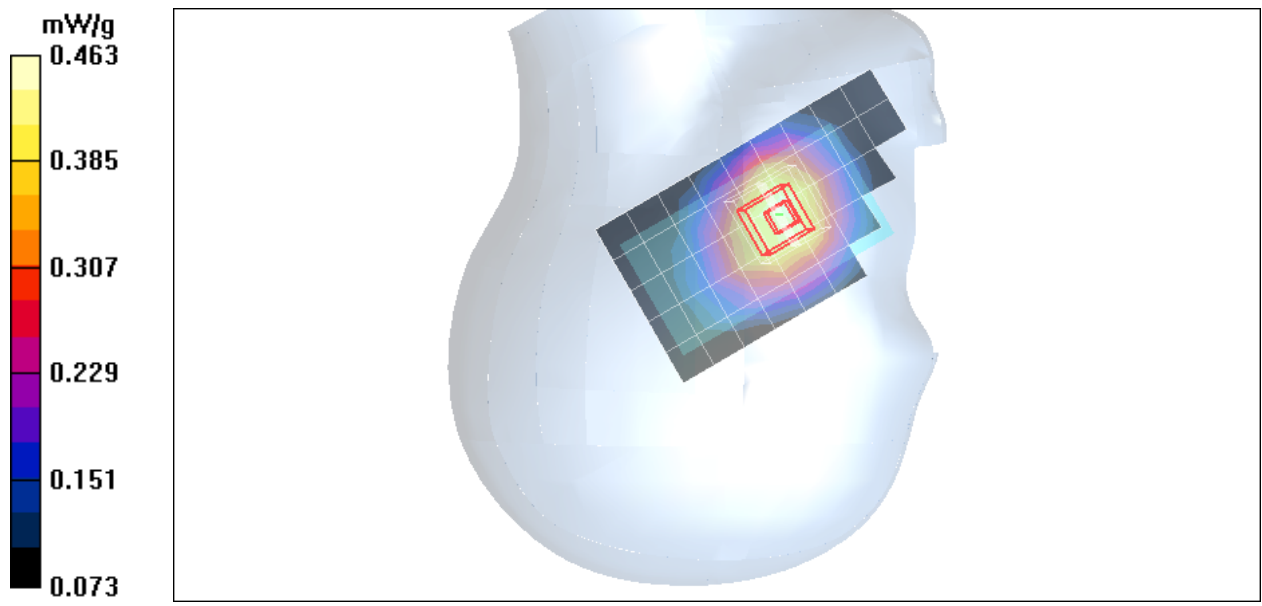
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 10.7 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 0.517 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.302 mW/g

Maximum value of SAR (measured) = 0.463 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 835 -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Middle CH190/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.280 mW/g

Right Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 17.7 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.496 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.302 mW/g

Right Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 1: Measurement

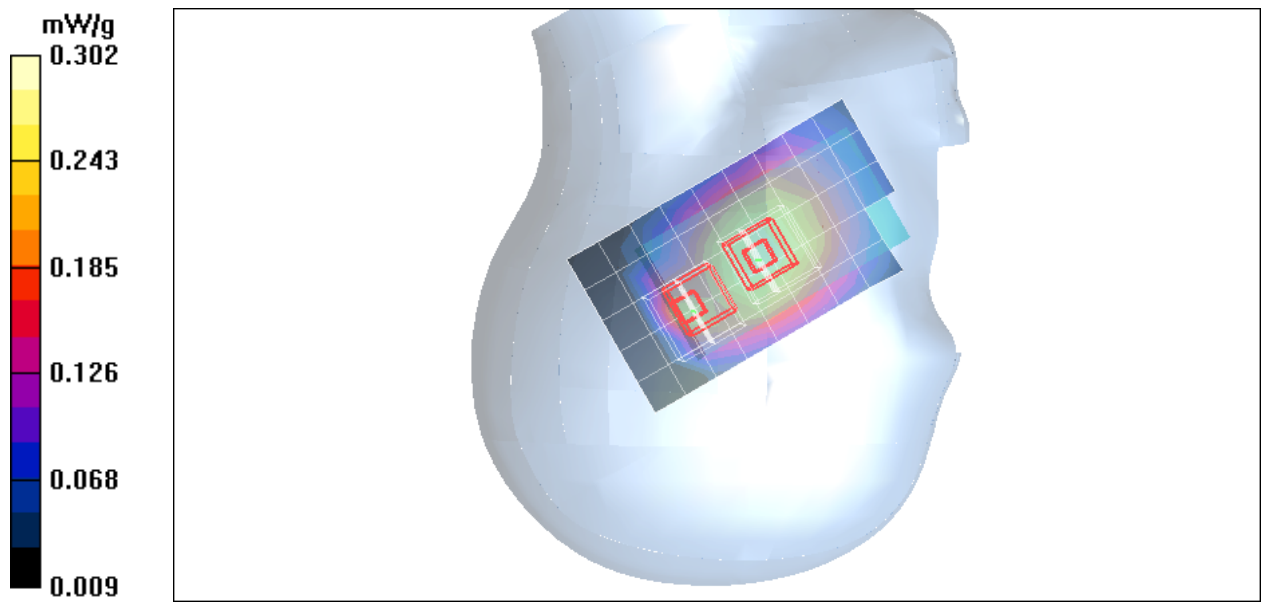
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 17.7 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.325 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.296 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900 -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH661/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

Left Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0: Measurement

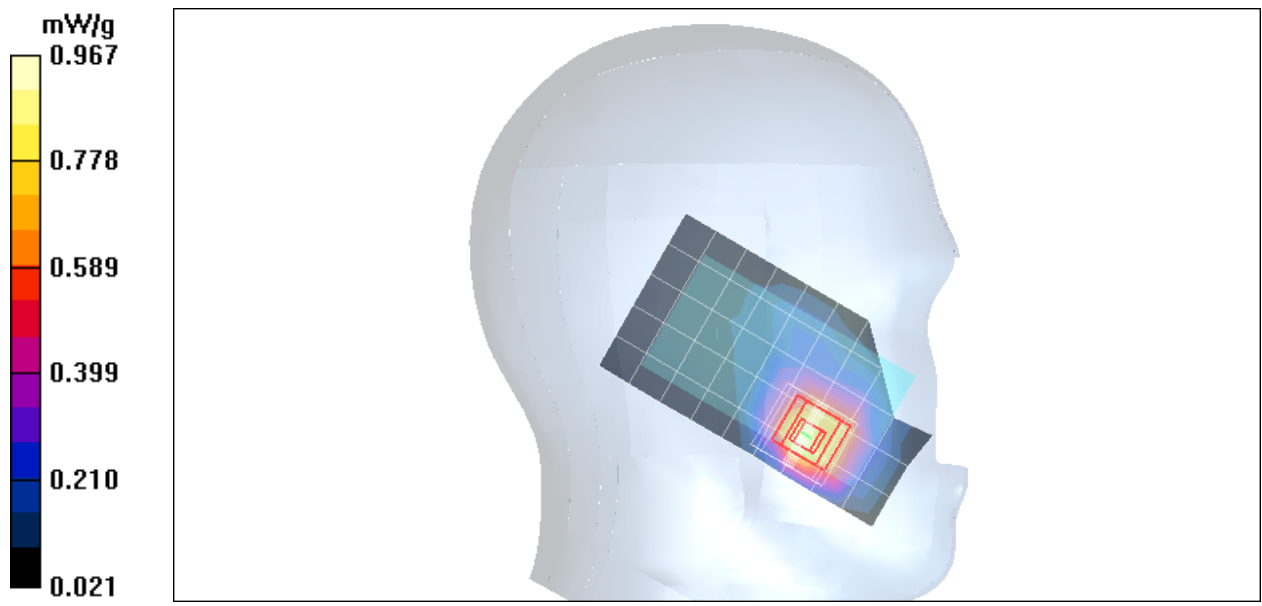
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 6.25 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.967 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900 -Left Head IOLI110 battery II

DUT: IOLI110; Type: IOLI110; 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; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

Maximum value of SAR (measured) = 0.804 mW/g

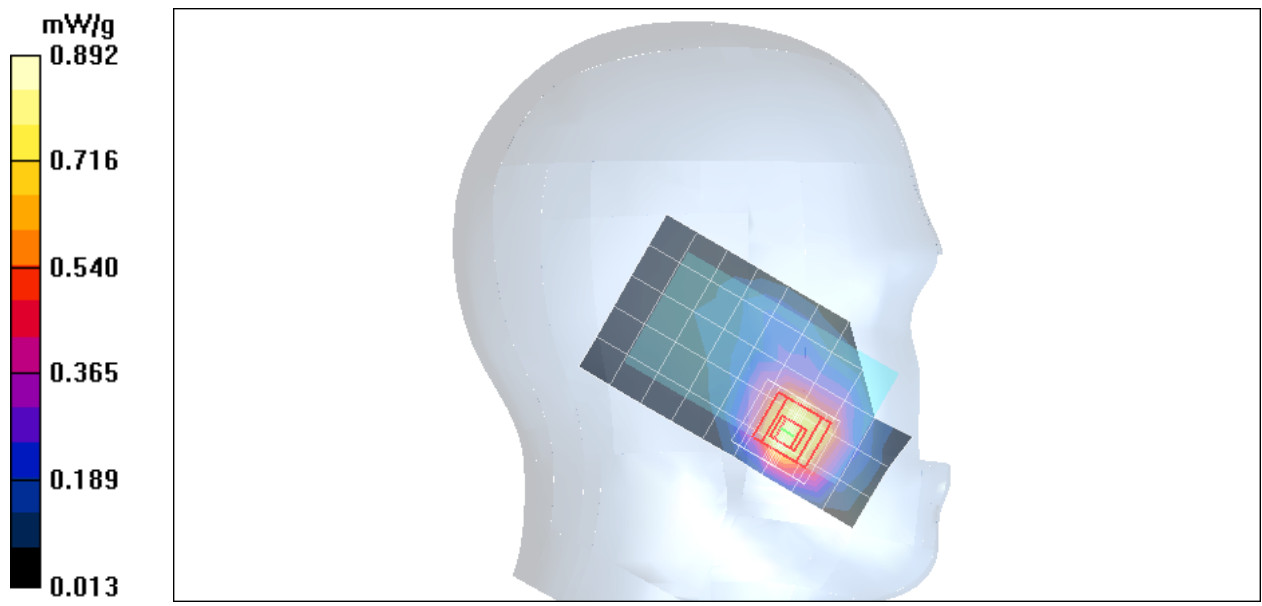
Left Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.00 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.678 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 0.892 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900 -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Middle CH661/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.226 mW/g

Left Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0: Measurement

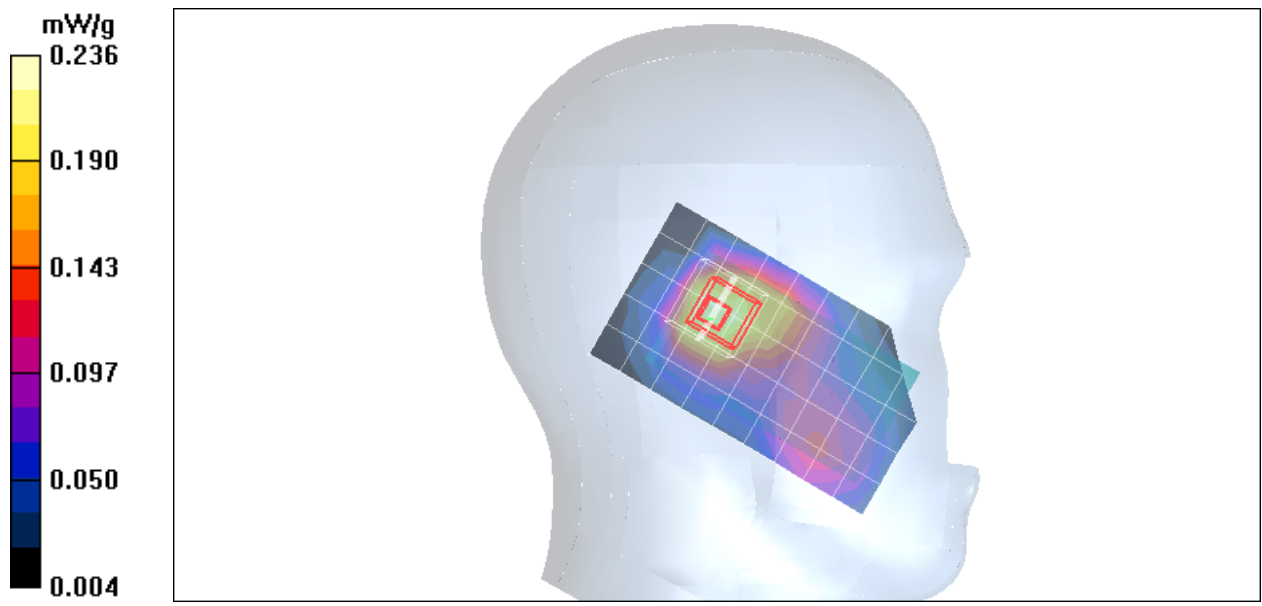
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 12.5 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 0.330 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.114 mW/g.

Maximum value of SAR (measured) = 0.236 mW/g



Test Laboratory: Compliance Certification Services Inc.

GSM 1900 -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH661/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.583 mW/g

Right Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0: Measurement

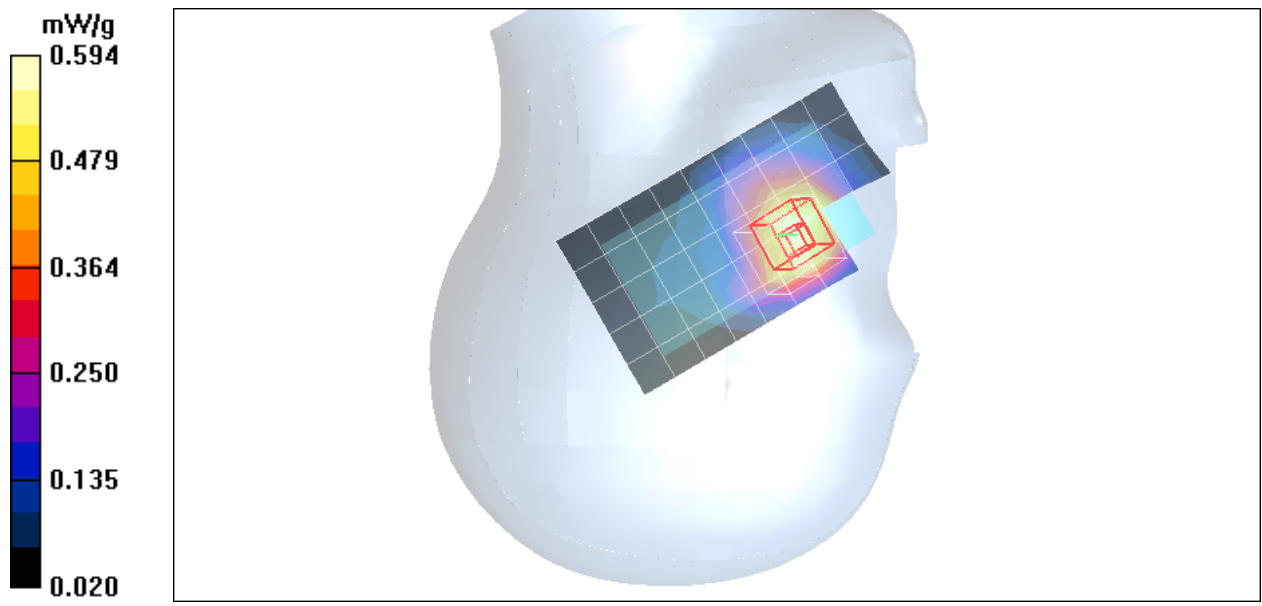
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 6.89 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.470 mW/g; SAR(10 g) = 0.282 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

GSM 1900 -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

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

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Middle CH661/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.244 mW/g

Right Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0: Measurement

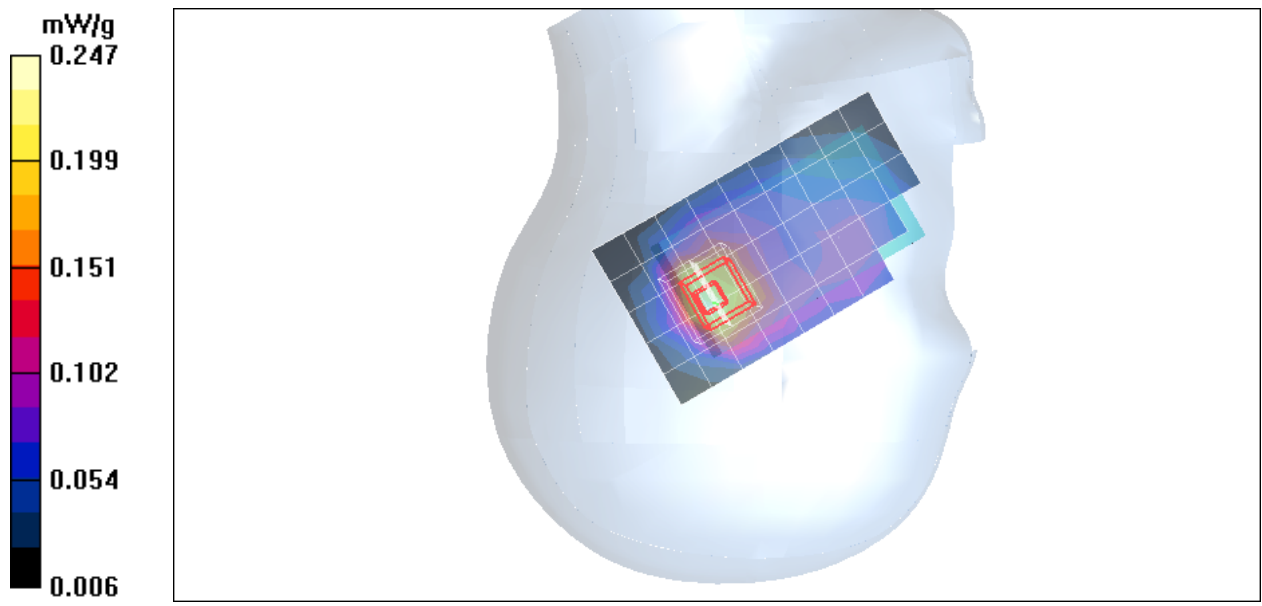
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 13.3 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.247 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band V -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH4182/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.465 mW/g

Left Cheek Middle CH4182/Zoom Scan (7x7x9)/Cube 0: Measurement

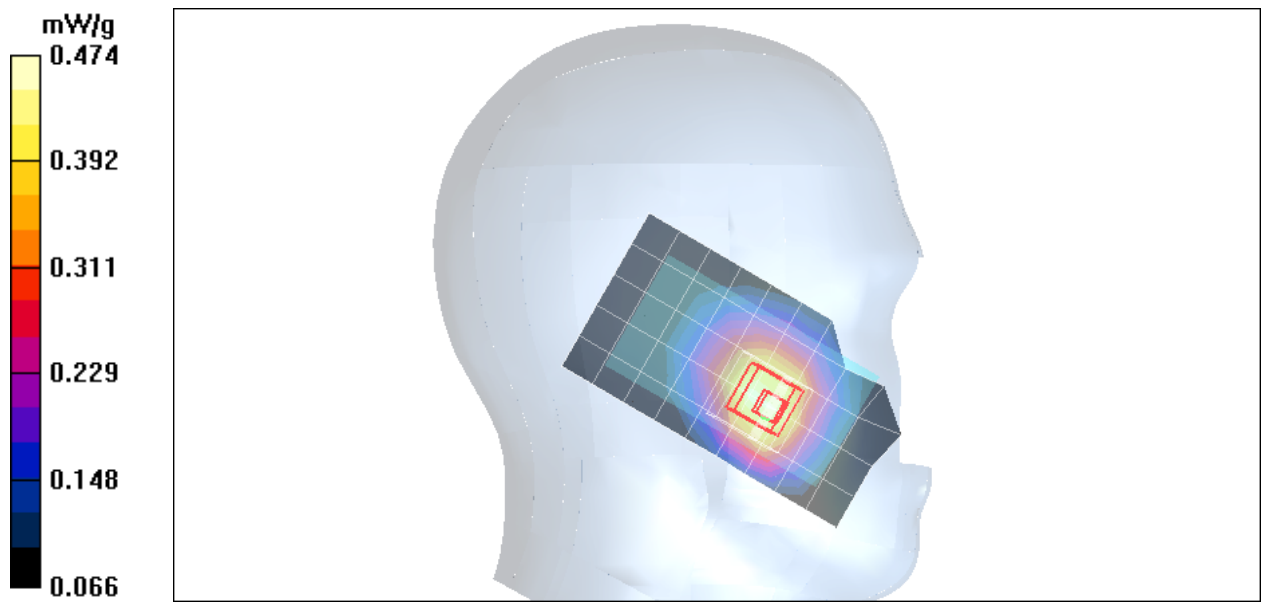
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 8.59 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 0.474 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band V -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Middle CH4182/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.246 mW/g

Left Tilted Middle CH4182/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 16.3 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.429 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.269 mW/g

Left Tilted Middle CH4182/Zoom Scan (7x7x9)/Cube 1: Measurement

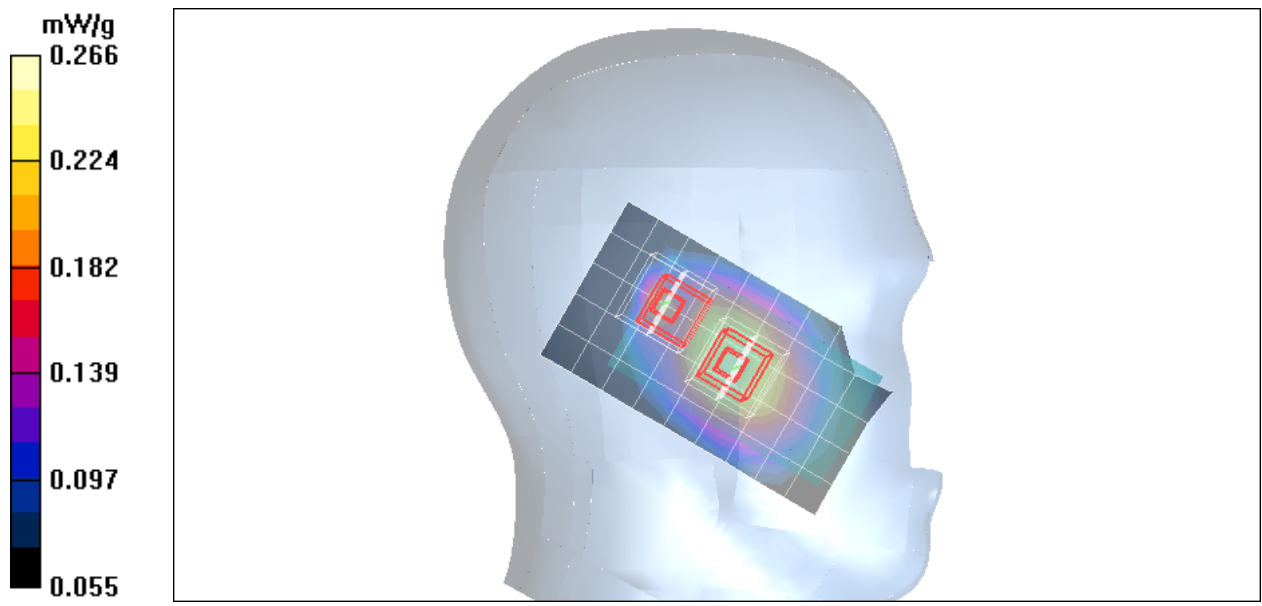
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 16.3 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.177 mW/g

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



Test Laboratory: Compliance Certification Services Inc.

WCDMA band V -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH4182/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.481 mW/g

Right Cheek Middle CH4182/Zoom Scan (7x7x9)/Cube 0:

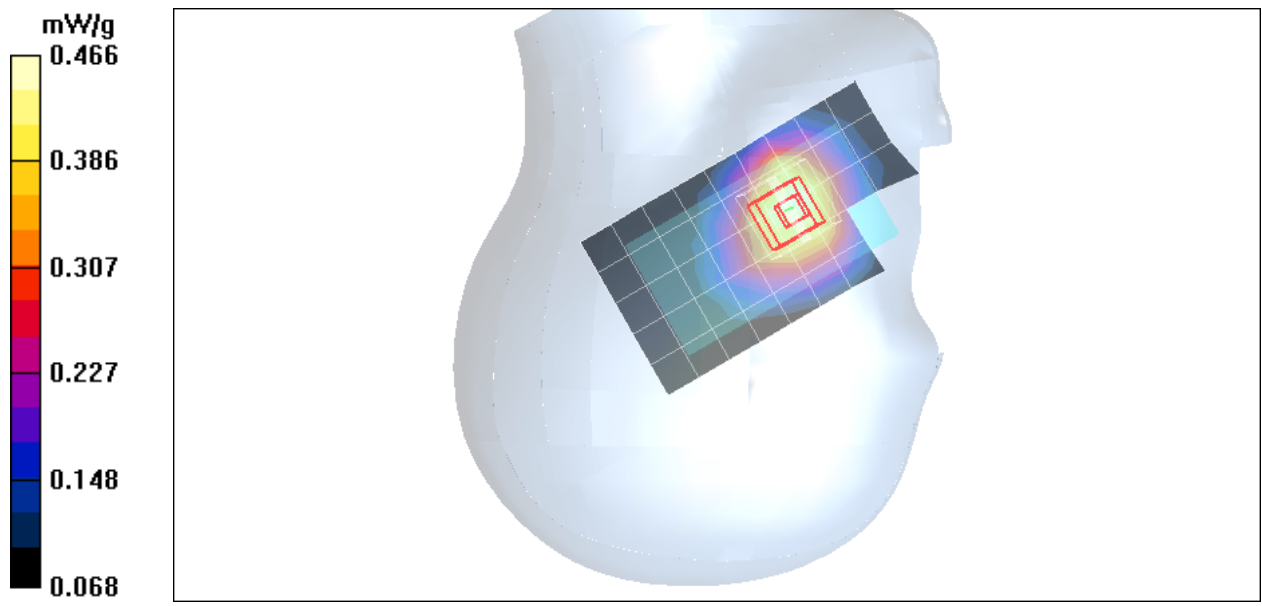
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 7.72 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.466 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band V -Right Head IOLI110 battery II

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH4182/Area Scan (6x10x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.472 mW/g

Right Cheek Middle CH4182/Zoom Scan (7x7x9)/Cube 0:

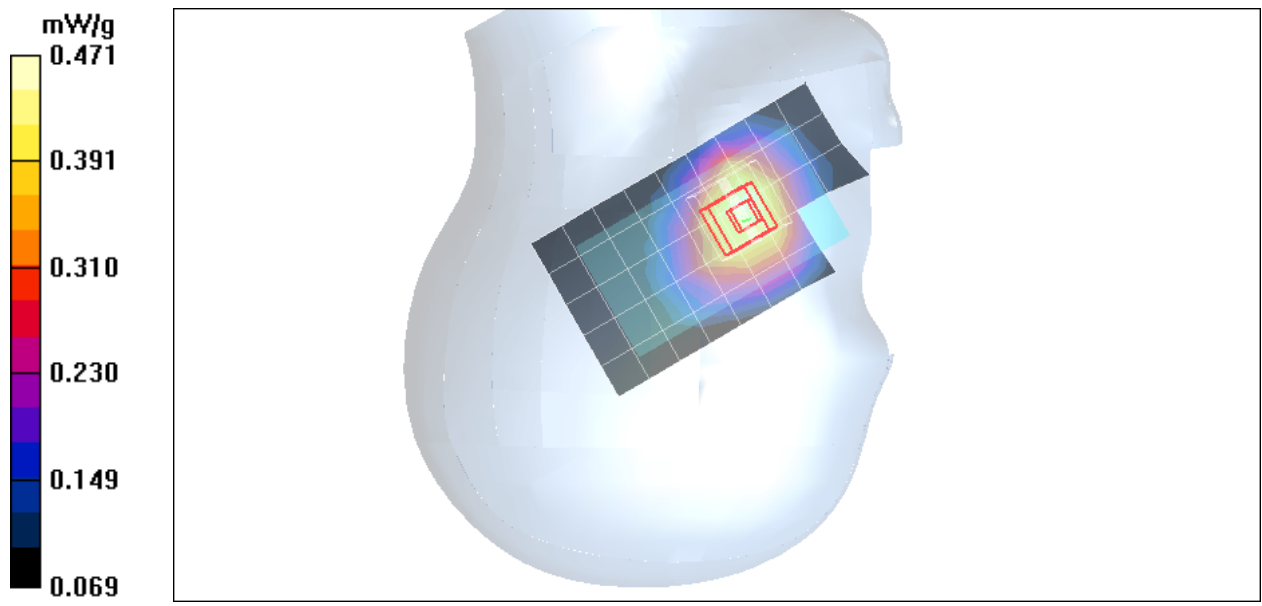
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 8.27 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.471 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band V -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 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(7.72, 7.72, 7.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Middle CH4182/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.251 mW/g

Right Tilted Middle CH4182/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 16.7 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 0.259 mW/g

Right Tilted Middle CH4182/Zoom Scan (7x7x9)/Cube 1:

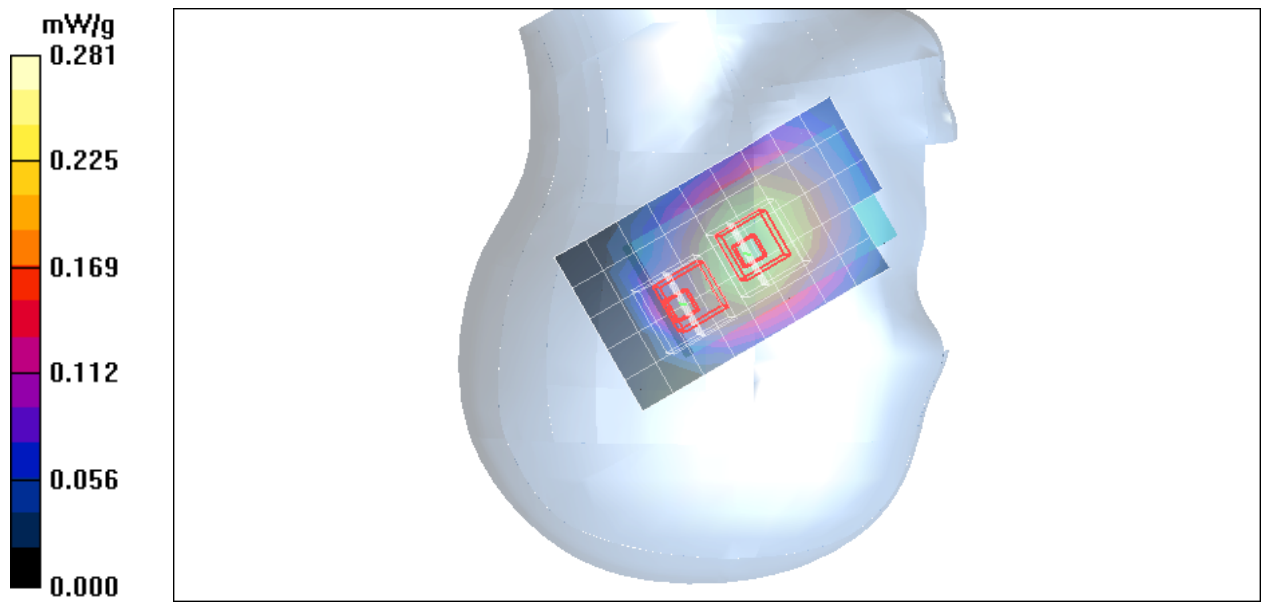
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 16.7 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Low CH9262/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.48 mW/g

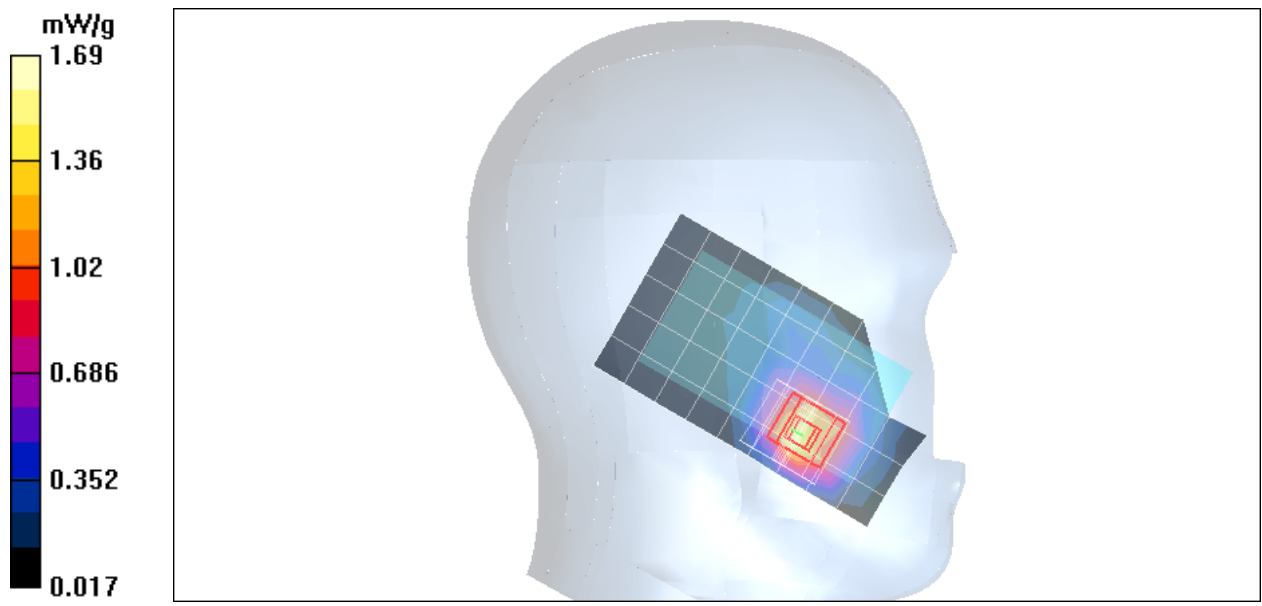
Left Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.30 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 1.240 mW/g; SAR(10 g) = 0.671 mW/g

Maximum value of SAR (measured) = 1.69 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH9400/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.63 mW/g

Left Cheek Middle CH9400/Zoom Scan (7x7x9)/Cube 0: Measurement

grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 8.09 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 2.35 W/kg

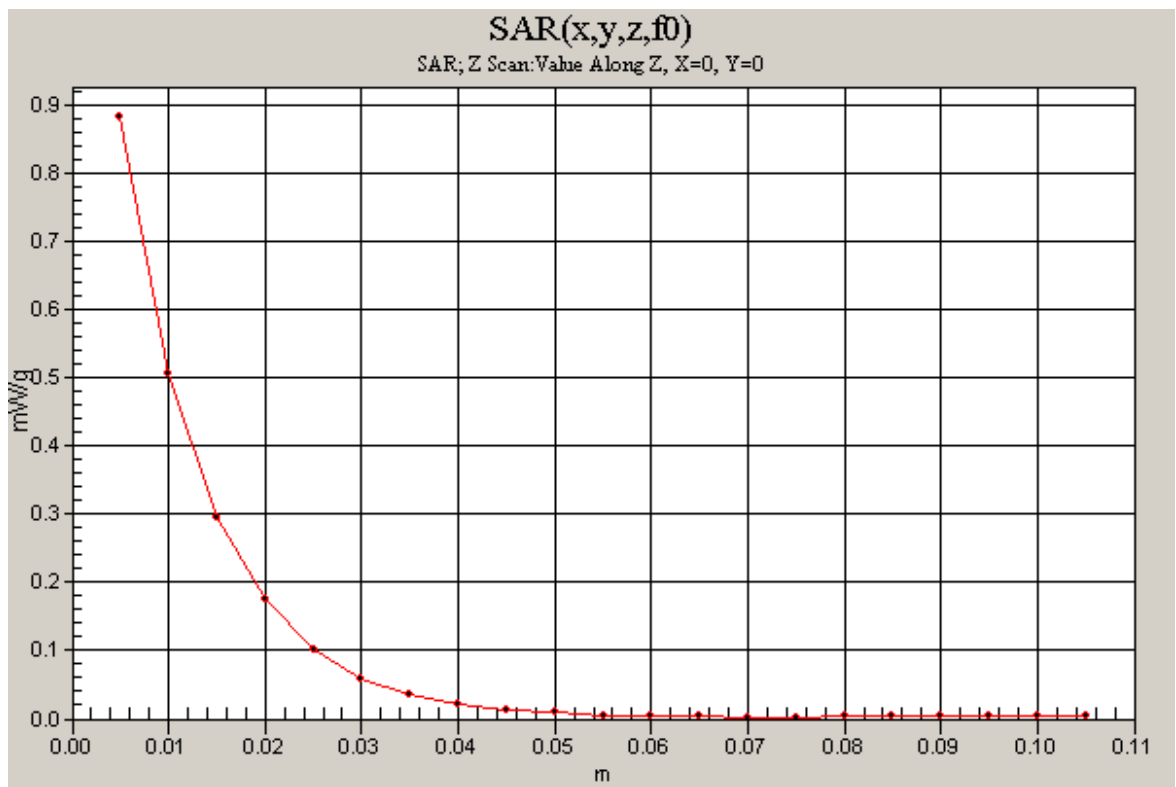
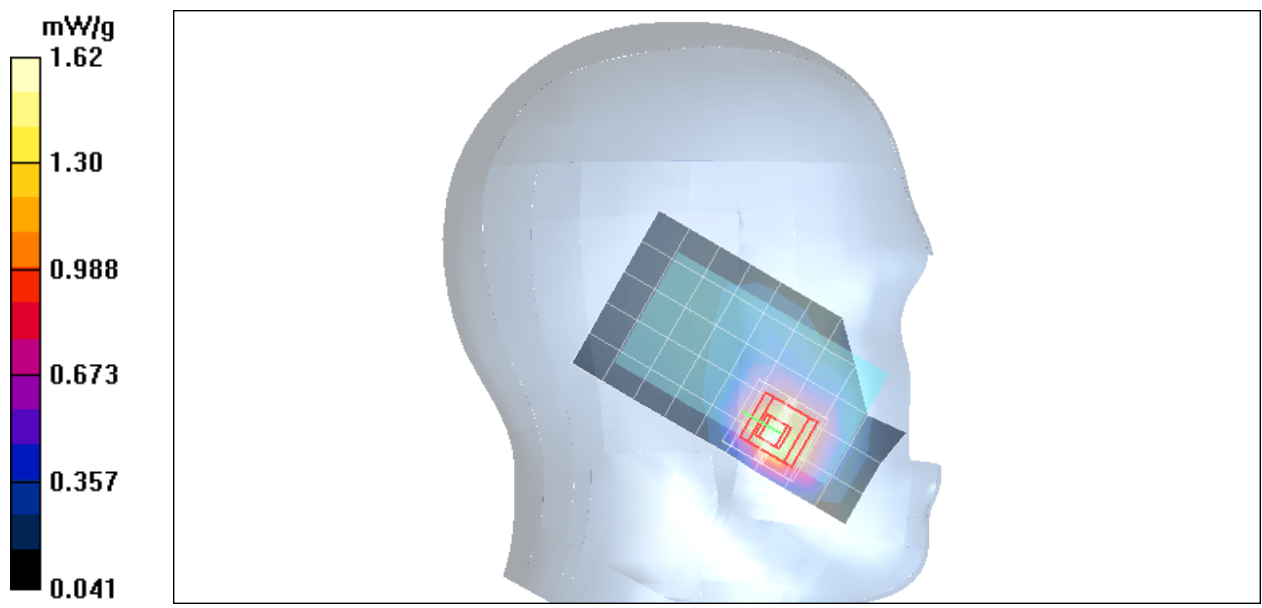
SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.679 mW/g

Maximum value of SAR (measured) = 1.62 mW/g

Left Cheek Middle CH9400/Z Scan (1x1x21): Measurement grid: $dx=20$ mm,

$dy=20$ mm, $dz=5$ mm

Maximum value of SAR (measured) = 0.882 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Left Head IOLI110 battery II

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle CH9400/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.70 mW/g

Left Cheek Middle CH9400/Zoom Scan (7x7x9)/Cube 0: Measurement

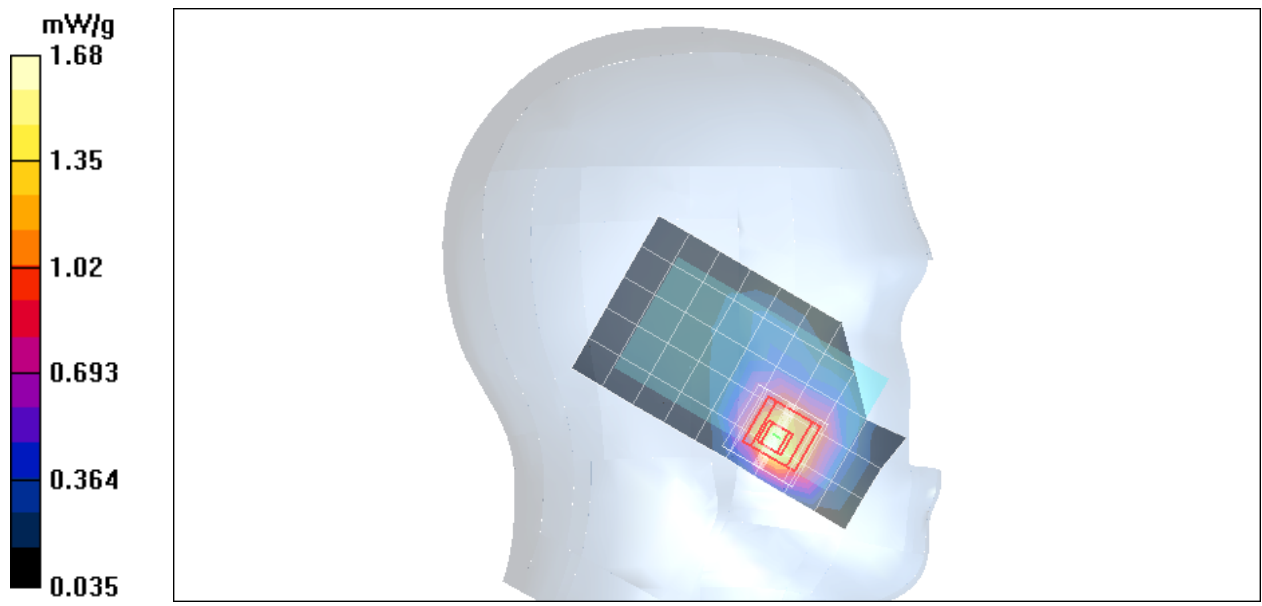
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 8.01 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.180 mW/g; SAR(10 g) = 0.659 mW/g

Maximum value of SAR (measured) = 1.68 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek High CH9538/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 1.31 mW/g

Left Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0: Measurement

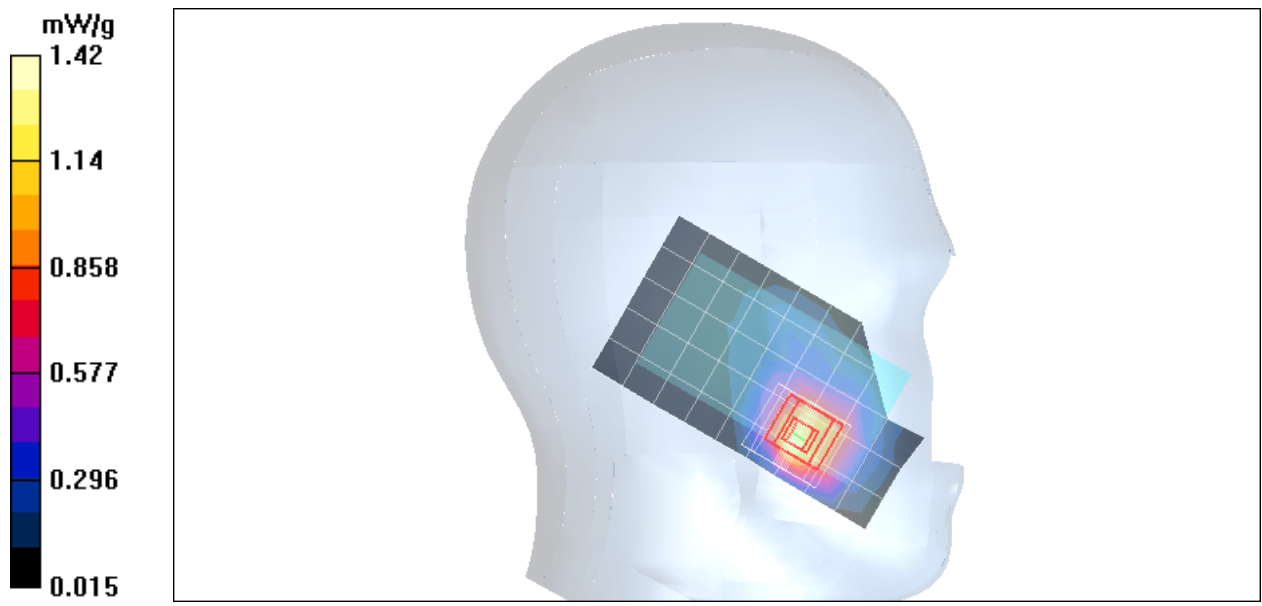
grid: $dx=7.5$ mm, $dy=7.5$ mm, $dz=5$ mm

Reference Value = 7.09 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 1.060 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 1.42 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Tilted Middle CH9400/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.383 mW/g

Left Tilted Middle CH9400/Zoom Scan (7x7x9)/Cube 0: Measurement

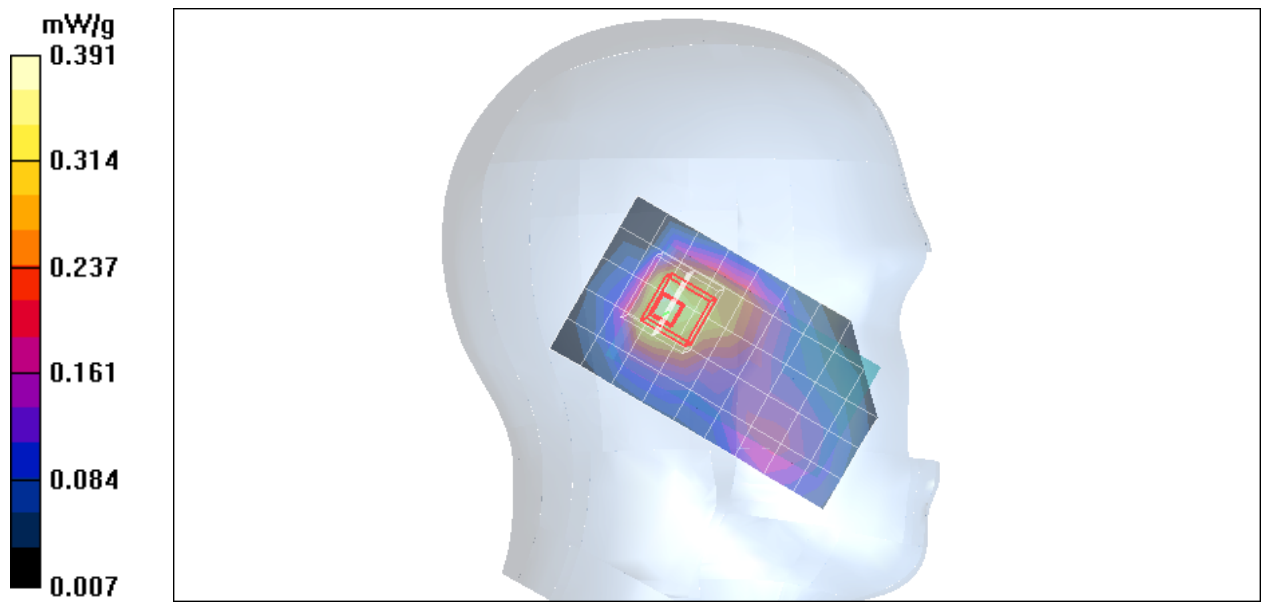
grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 16.2 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.391 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Cheek Middle CH9400/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

Right Cheek Middle CH9400/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 7.63 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.611 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.770 mW/g

Right Cheek Middle CH9400/Zoom Scan (7x7x9)/Cube 1:

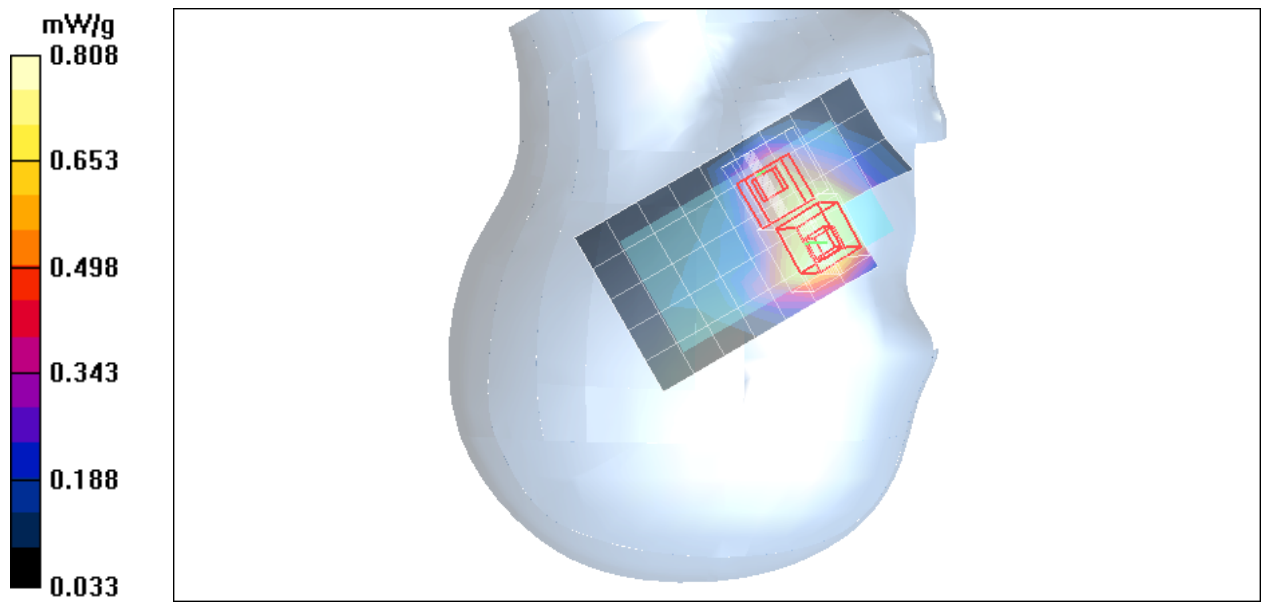
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 7.63 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.936 W/kg

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.632 mW/g



Test Laboratory: Compliance Certification Services Inc.

WCDMA band II -Right Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Air Temperature: 24.7 deg C; Liquid Temperature: 23.7 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(6.62, 6.62, 6.62);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Right Tilted Middle CH9400/Area Scan (6x10x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.418 mW/g

Right Tilted Middle CH9400/Zoom Scan (7x7x9)/Cube 0:

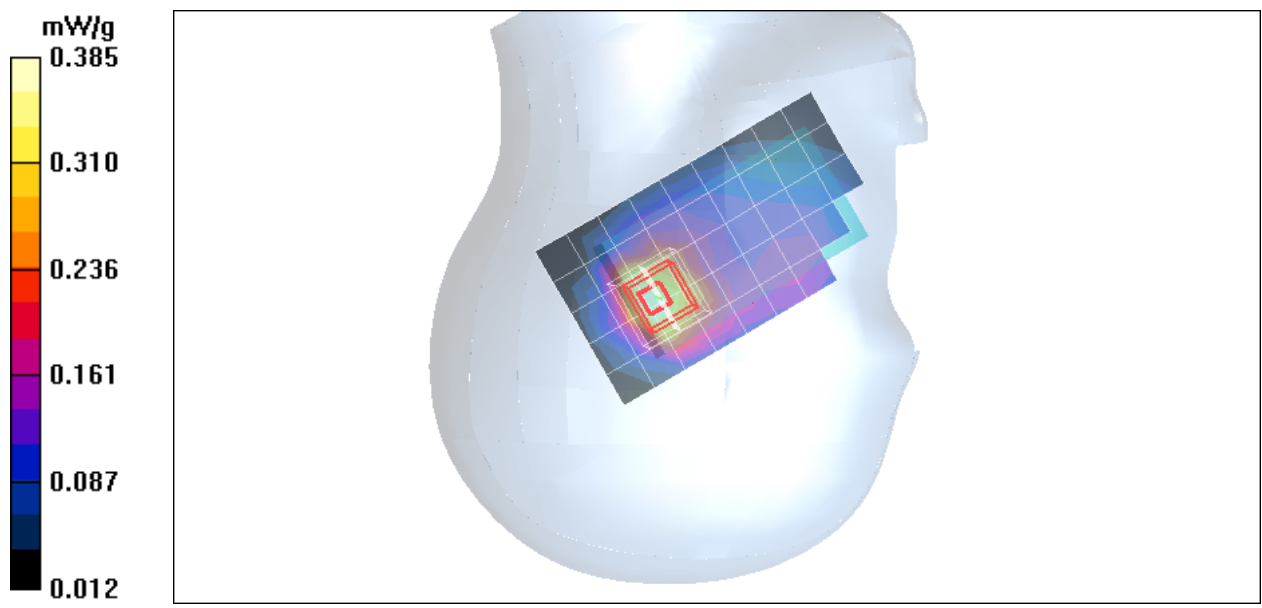
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=3$ mm

Reference Value = 16.9 V/m; Power Drift = -0.118 dB

Peak SAR (extrapolated) = 0.520 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.385 mW/g



Test Laboratory: Compliance Certification Services Inc.

WLAN 80211b -Left Head IOLI110

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.81$ 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 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle 2437/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.046 mW/g

Left Cheek Middle 2437/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.78 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.081 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.055 mW/g

Left Cheek Middle 2437/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

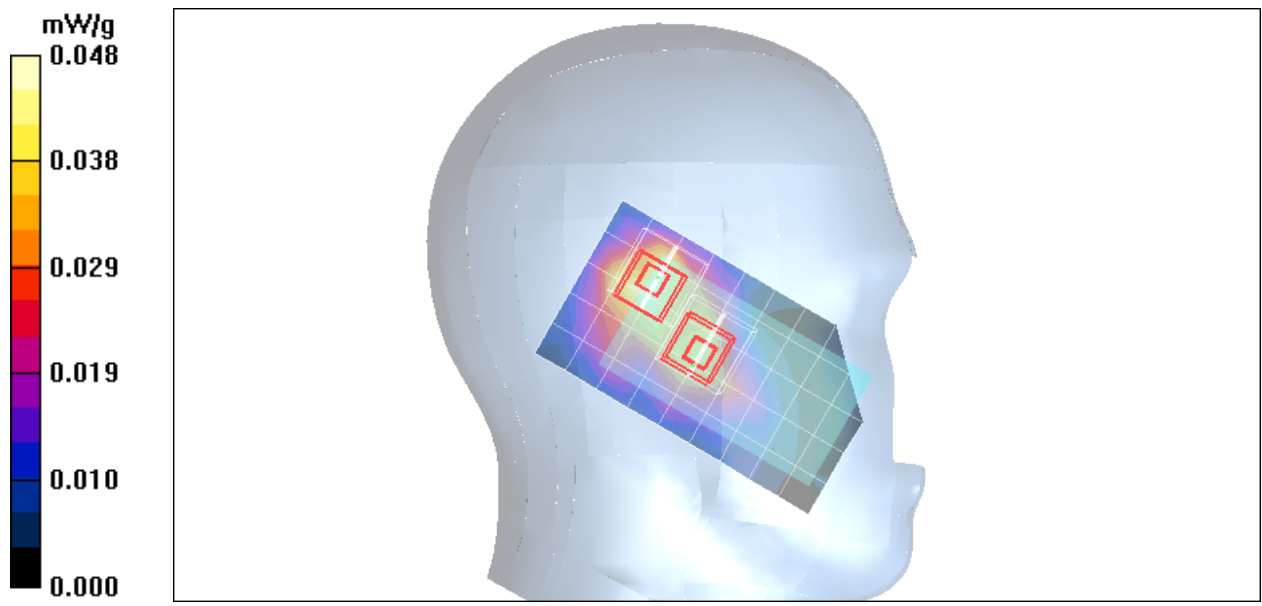
dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.78 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.043 mW/g



Test Laboratory: Compliance Certification Services Inc.

WLAN 80211b -Left Head IOLI110 battery II

DUT: IOLI110; Type: IOLI110; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.81$ 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 - SN3554; ConvF(6.25, 6.25, 6.25);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Left Cheek Middle 2437/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.044 mW/g

Left Cheek Middle 2437/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.54 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.082 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.056 mW/g

Left Cheek Middle 2437/Zoom Scan (7x7x9)/Cube 1: Measurement grid:

dx=5mm, dy=5mm, dz=3mm

Reference Value = 4.54 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.043 mW/g

