

Test Laboratory: Compliance Certification Services Inc.

## **D835V2-SN 4d015-Head**

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

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

Medium parameters used (interpolated):  $f = 835 \text{ MHz}$ ;  $\sigma = 0.901 \text{ mho/m}$ ;  $\epsilon_r = 41.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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) = 2.78 mW/g

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

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

Reference Value = 52.2 V/m; Power Drift = -0.032 dB

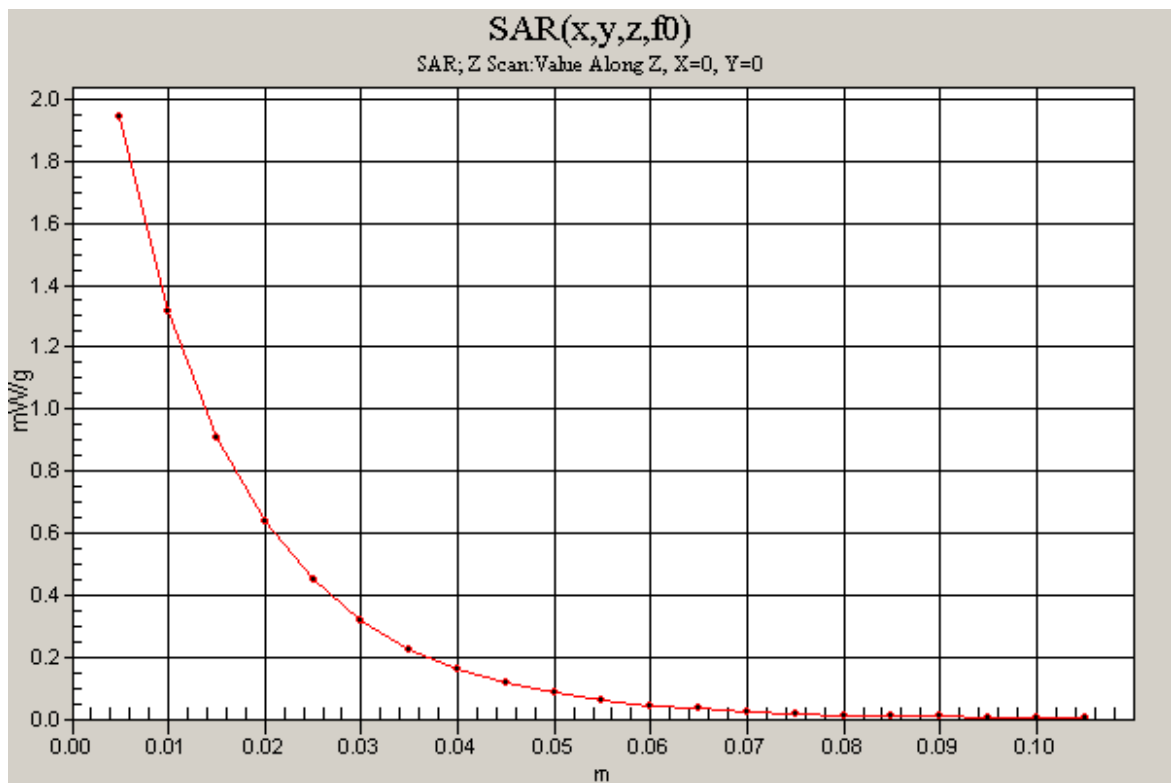
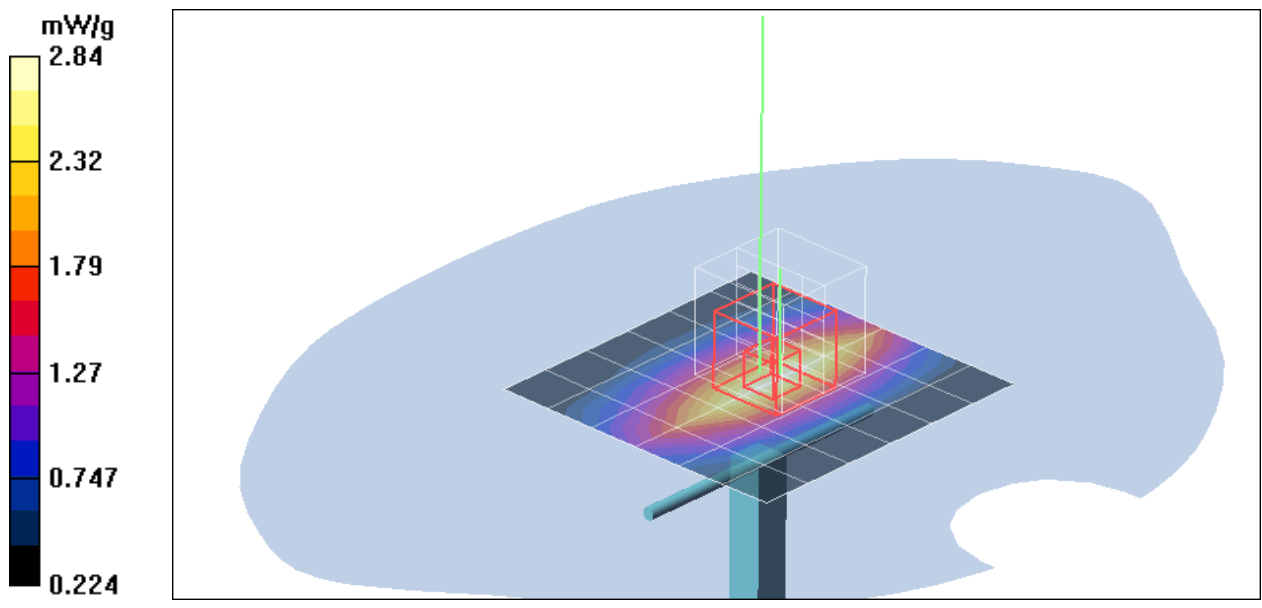
Peak SAR (extrapolated) = 3.55 W/kg

**SAR(1 g) = 2.29 mW/g; SAR(10 g) = 1.5 mW/g**

Maximum value of SAR (measured) = 2.84 mW/g

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

Maximum value of SAR (measured) = 1.94 mW/g



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## **D1900V2 SN-5d056 Head**

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

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

Medium parameters used (interpolated):  $f = 1900$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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) = 9.03 mW/g

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

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

Reference Value = 93.8 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 17.2 W/kg

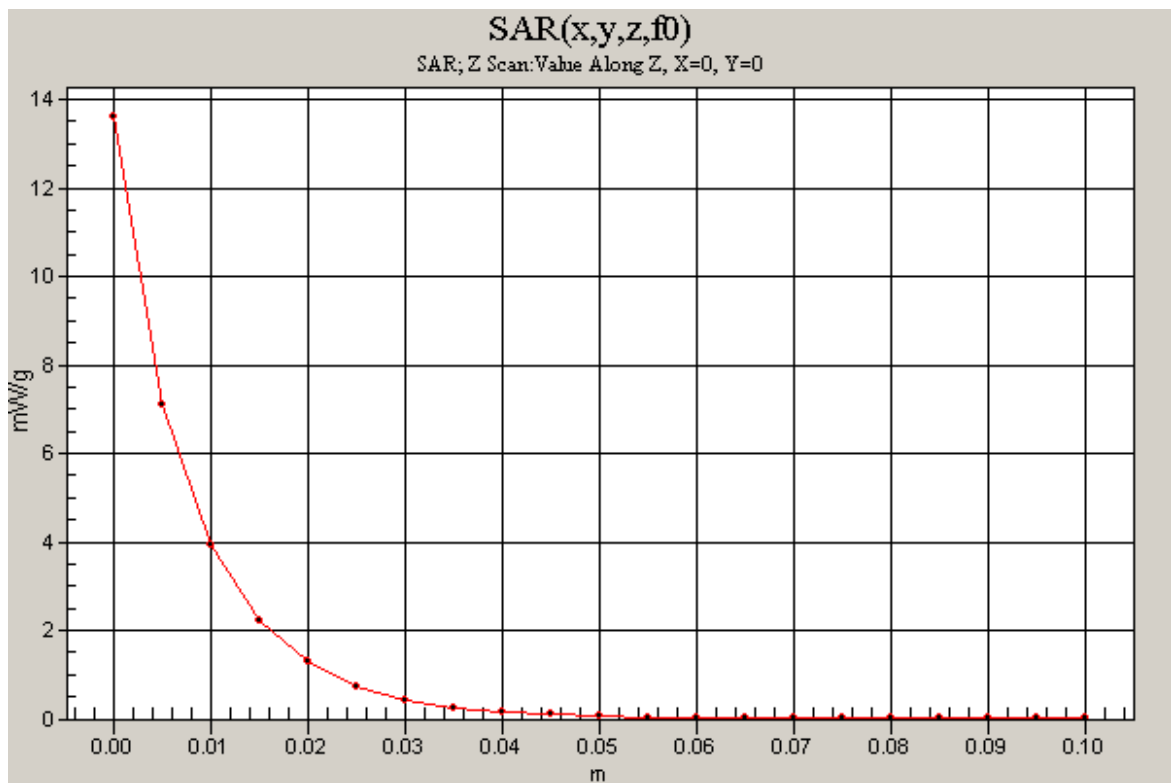
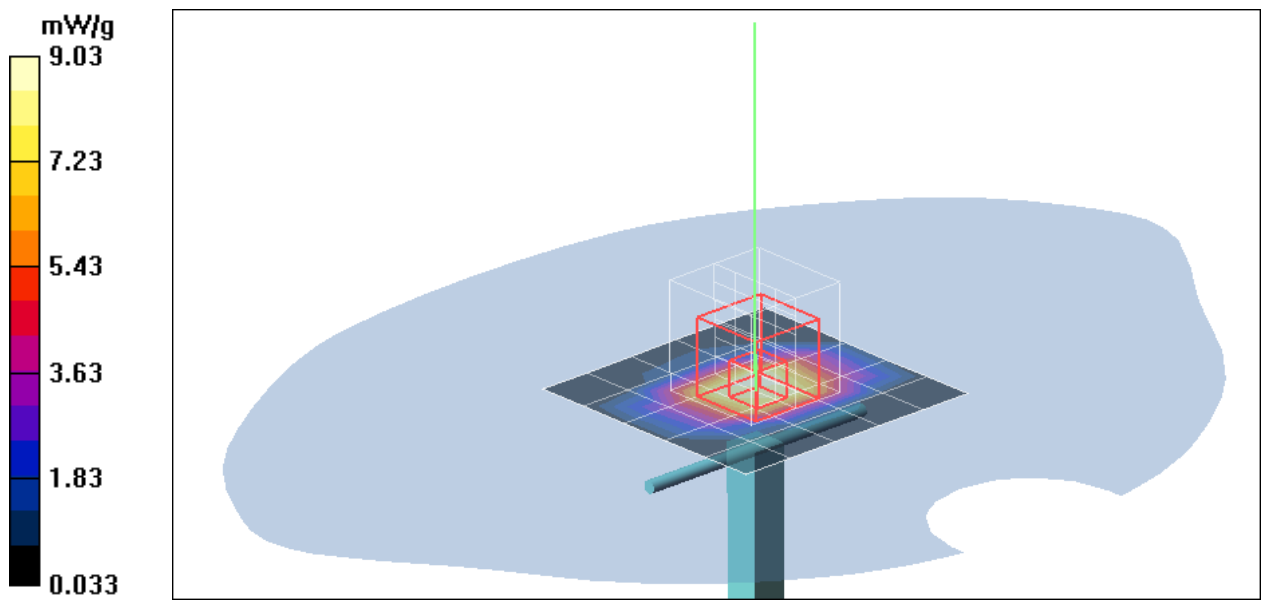
**SAR(1 g) = 9.58 mW/g; SAR(10 g) = 4.86 mW/g**

Maximum value of SAR (measured) = 13.0 mW/g

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

dy=20mm, dz=5mm

Maximum value of SAR (measured) = 13.4 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;  $\sigma = 0.939$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - SN3552; ConvF(9.14, 9.14, 9.14);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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) = 2.98 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

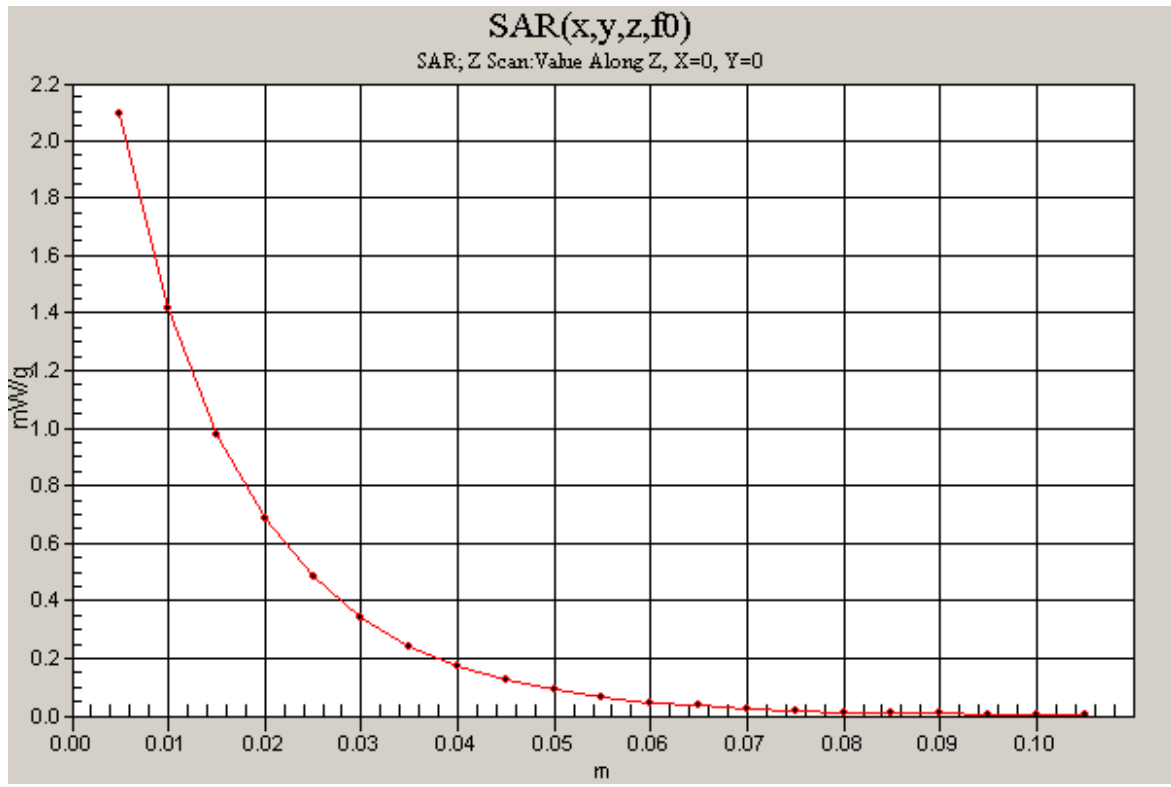
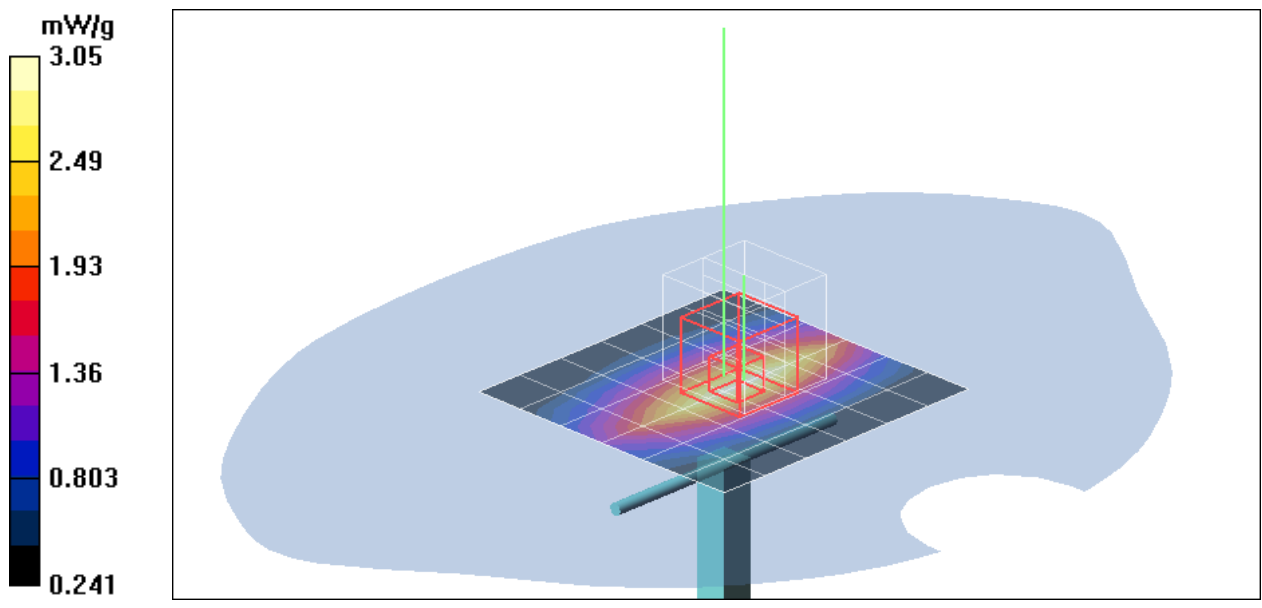
Peak SAR (extrapolated) = 3.80 W/kg

**SAR(1 g) = 2.51 mW/g; SAR(10 g) = 1.61 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



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;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - SN3552; ConvF(7.55, 7.55, 7.55);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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) = 8.29 mW/g

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

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

Reference Value = 92.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 16.5 W/kg

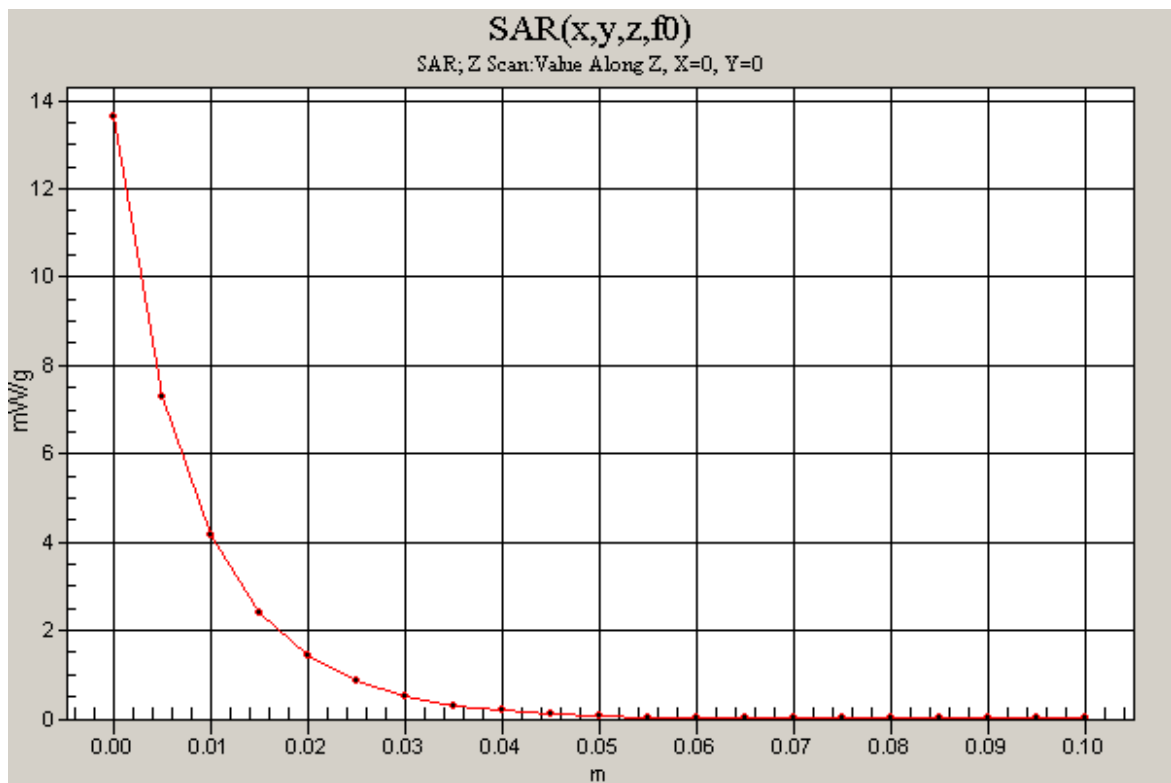
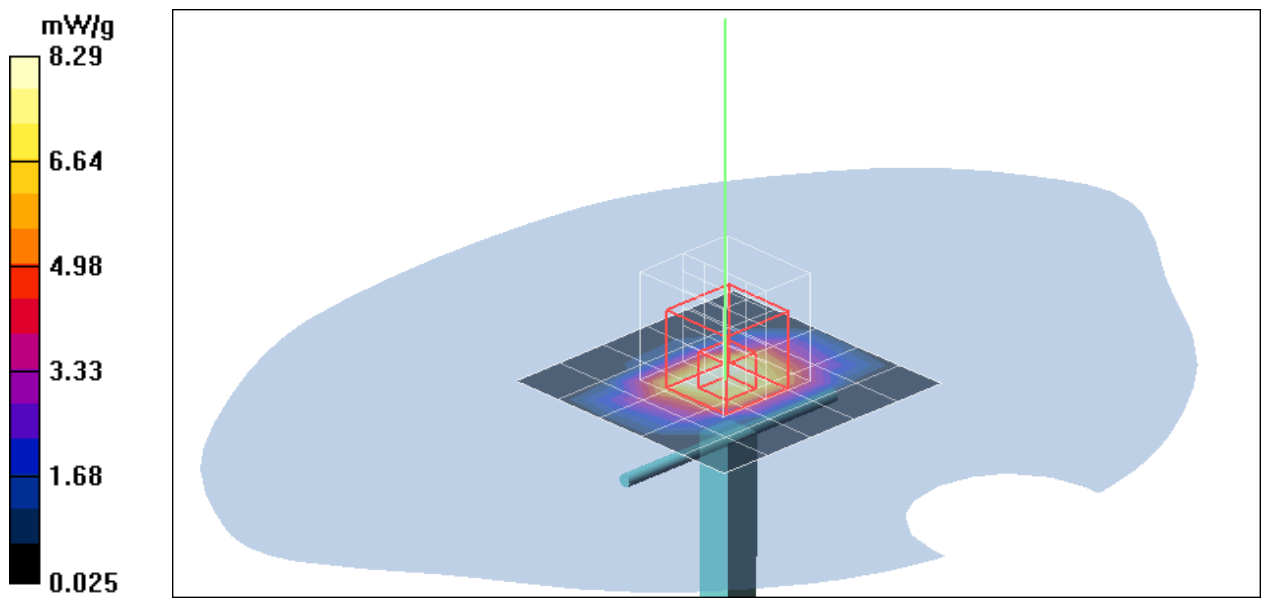
**SAR(1 g) = 9.37 mW/g; SAR(10 g) = 4.84 mW/g**

Maximum value of SAR (measured) = 12.6 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





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## **CDMA Cellular Left Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.892$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CheekLow CH1013/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left CheekLow CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

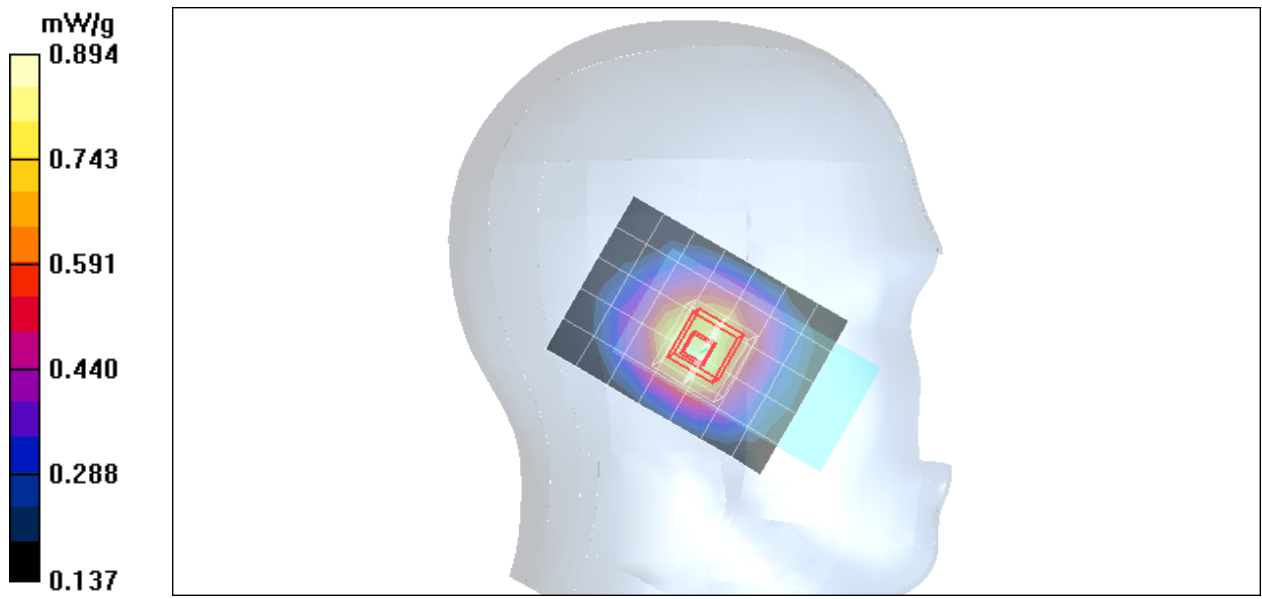
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.991 W/kg

**SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.610 mW/g**

Maximum value of SAR (measured) = 0.894 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Left Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH384/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.18 mW/g

**Left Cheek Middle CH384/Zoom Scan (5x5x7)/Cube 0:** Measurement

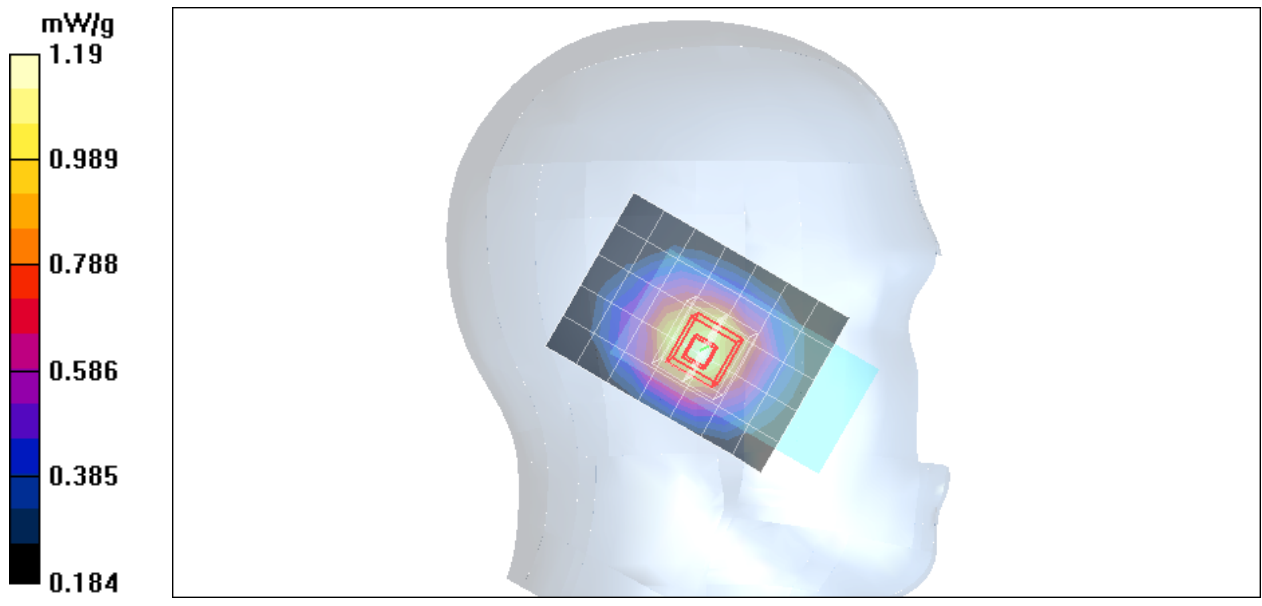
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 27.3 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 1.070 mW/g; SAR(10 g) = 0.807 mW/g**

Maximum value of SAR (measured) = 1.19 mW/g



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## **CDMA Cellular Left Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH777/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.824 mW/g

**Left Cheek Low CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

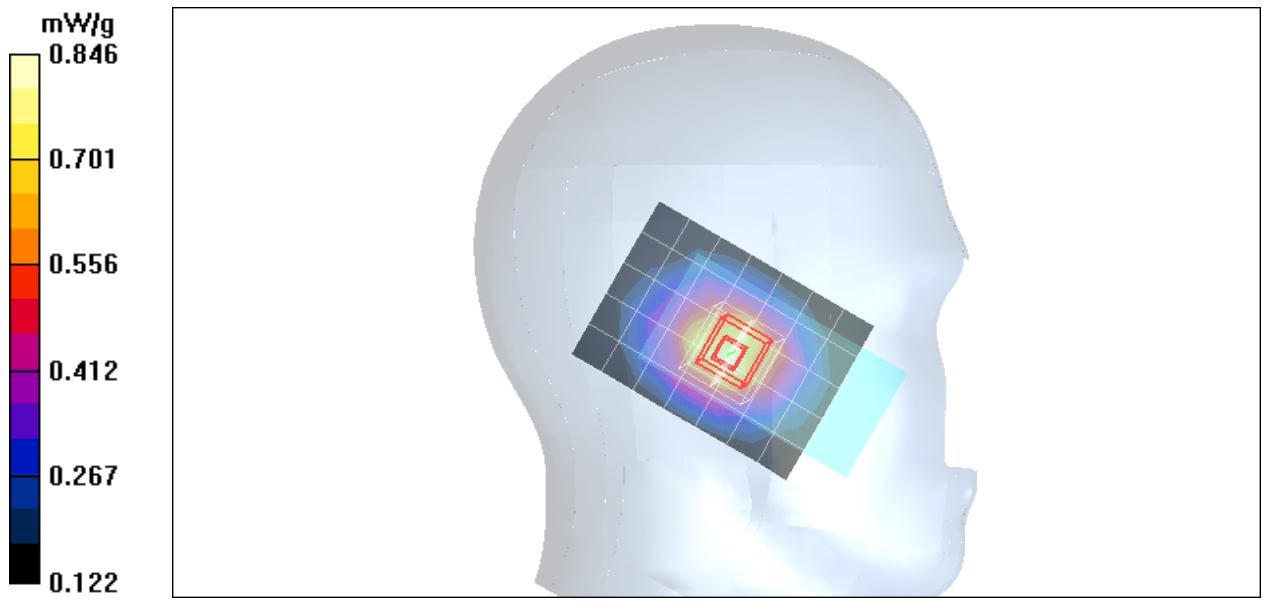
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 0.920 W/kg

**SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.570 mW/g**

Maximum value of SAR (measured) = 0.846 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Left Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.892$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH1013/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.648 mW/g

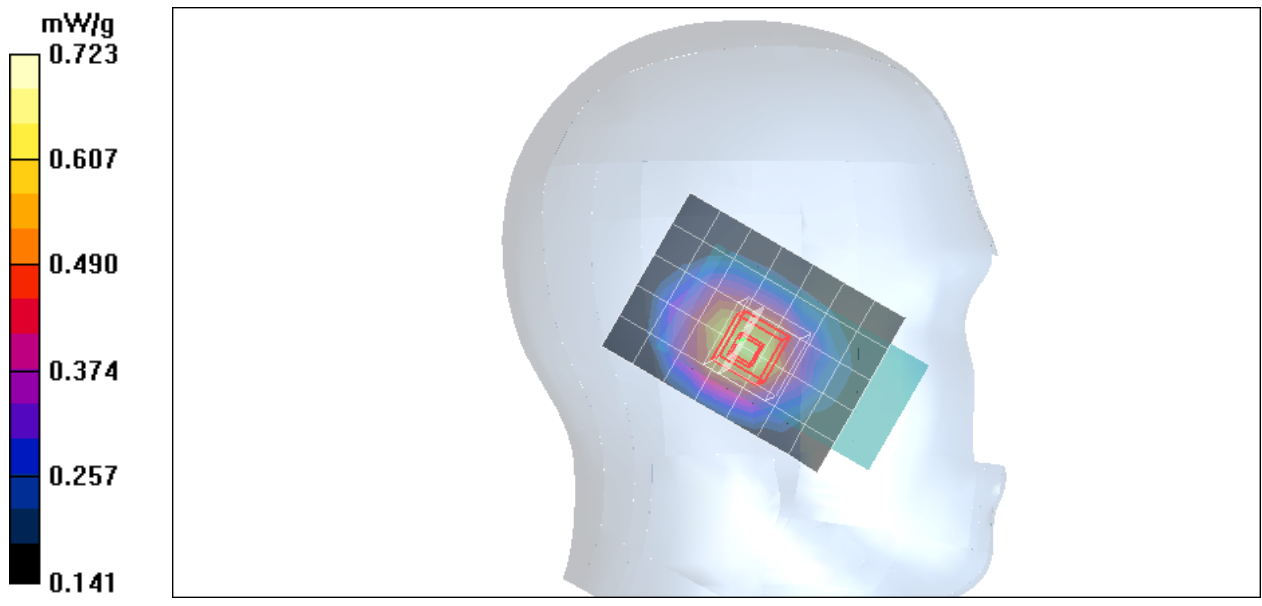
**Left Tilted Low CH1013/Zoom Scan 2 (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.3 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.803 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.499 mW/g**

Maximum value of SAR (measured) = 0.723 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Left Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH384/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.859 mW/g

**Left Tilted Middle CH384/Zoom Scan (5x5x7)/Cube 0:** Measurement

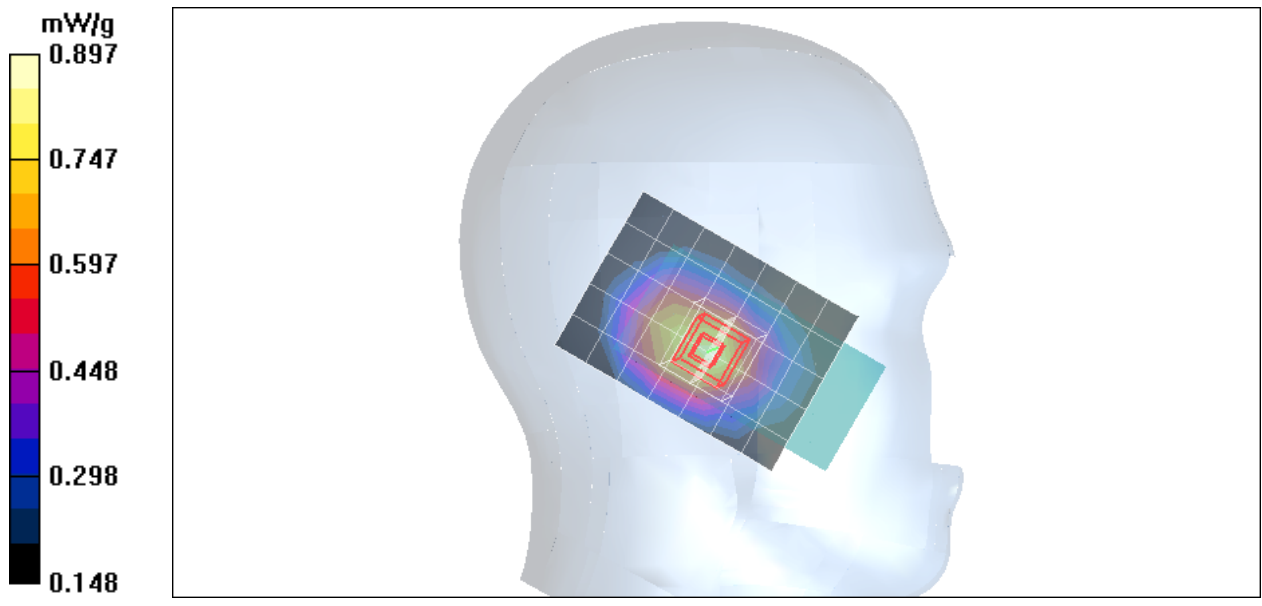
grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.1 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.990 W/kg

**SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.601 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## CDMA Cellular Left Head LIBR100 close

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 High CH777/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Tilted High CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 20.8 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.338 mW/g**

Maximum value of SAR (measured) = 0.510 mW/g

**Left Tilted High CH777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

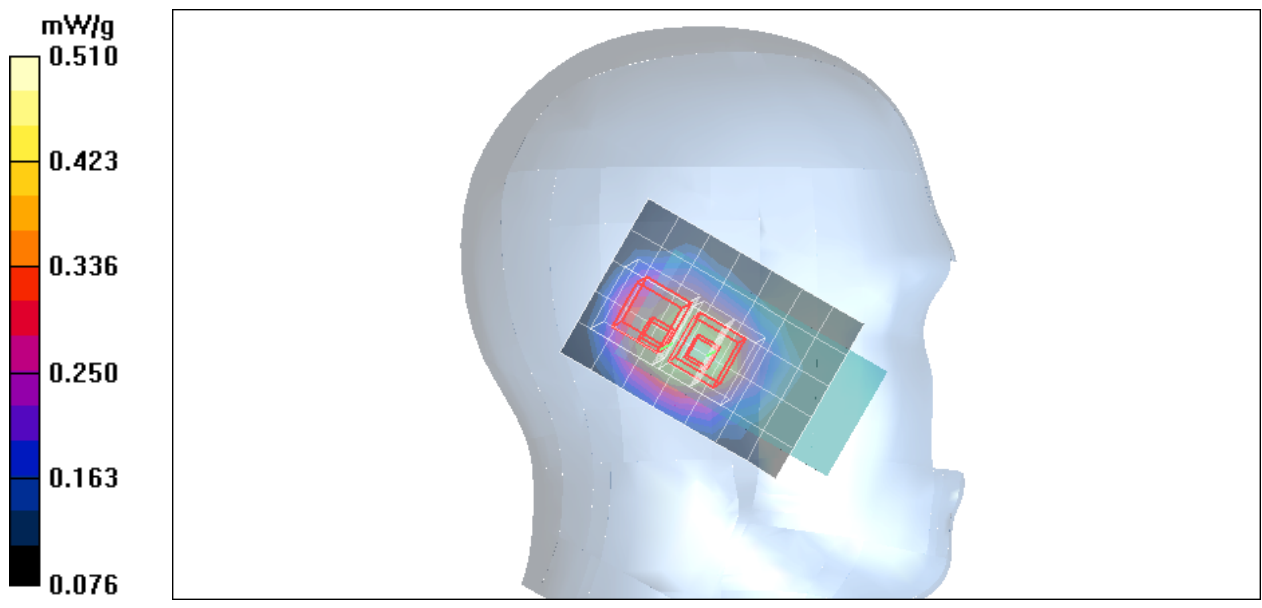
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.8 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 0.381 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.892$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH1013/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.953 mW/g

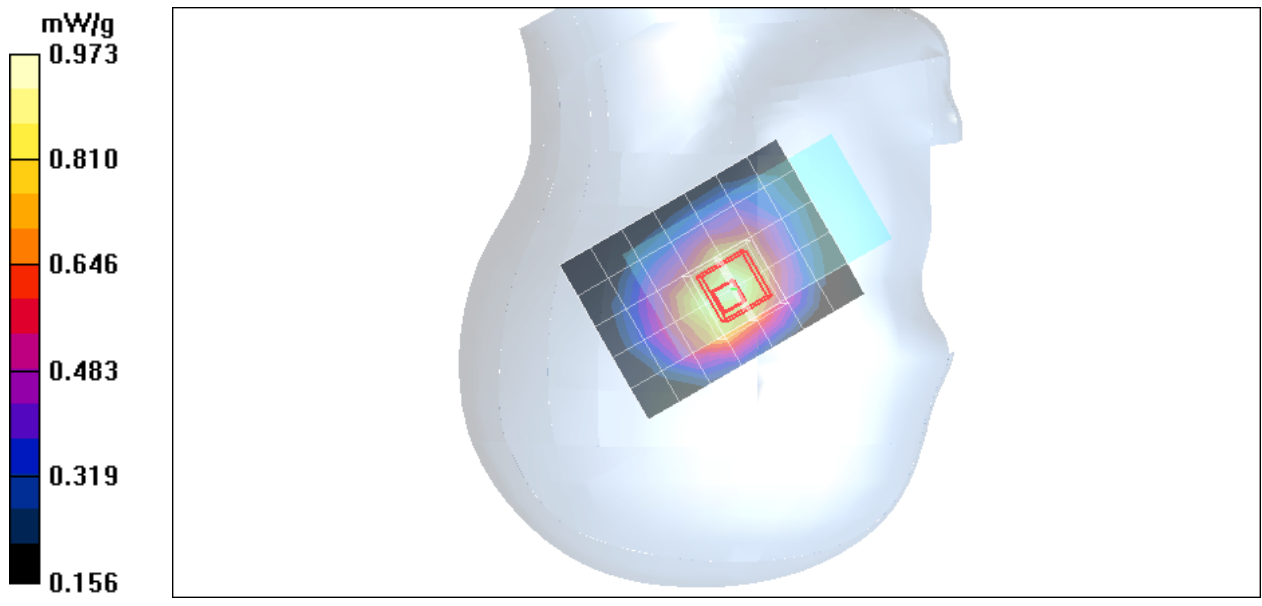
**Right Cheek Low CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 1.11 W/kg

**SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.648 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH384/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.17 mW/g

**Right Cheek Middle CH384/Zoom Scan (5x5x7)/Cube 0:** Measurement

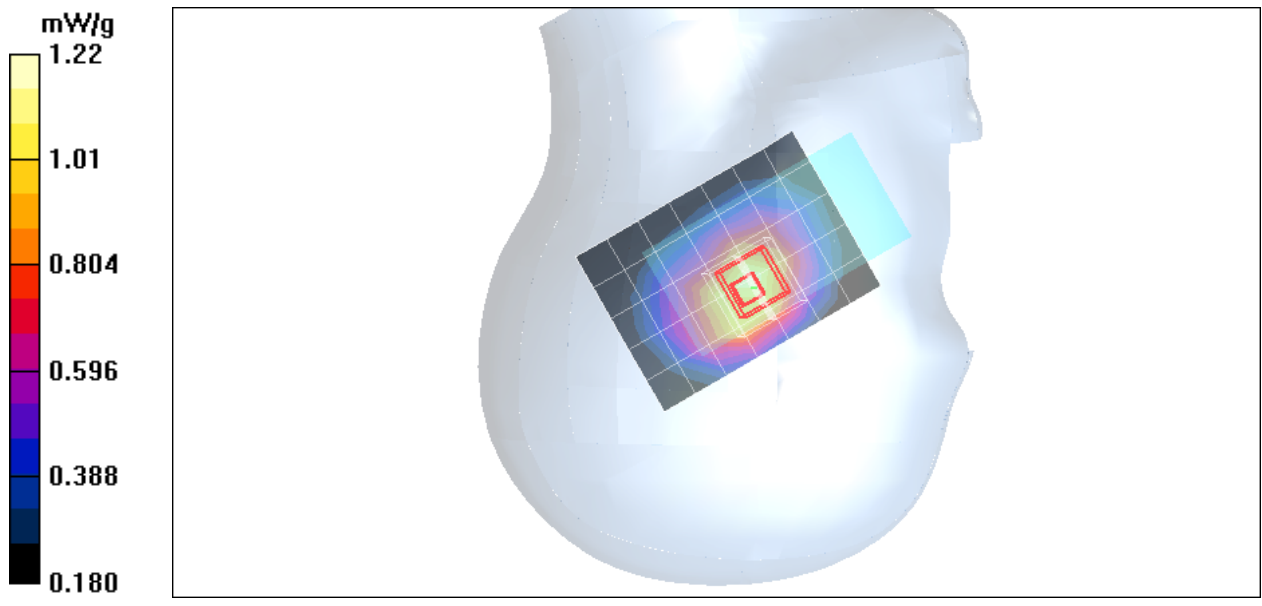
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 27.6 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 1.100 mW/g; SAR(10 g) = 0.820 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 High CH777/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.894 mW/g

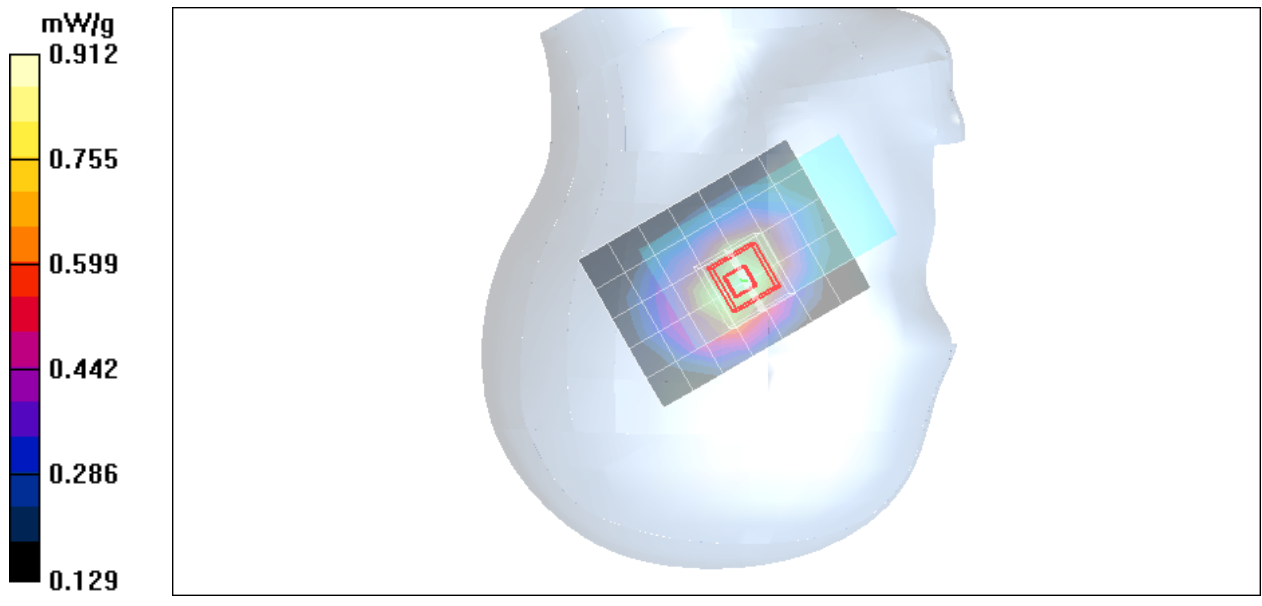
**Right Cheek High CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.1 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.607 mW/g**

Maximum value of SAR (measured) = 0.912 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 824.7$  MHz;  $\sigma = 0.892$  mho/m;  $\epsilon_r = 41.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH1013/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.704 mW/g

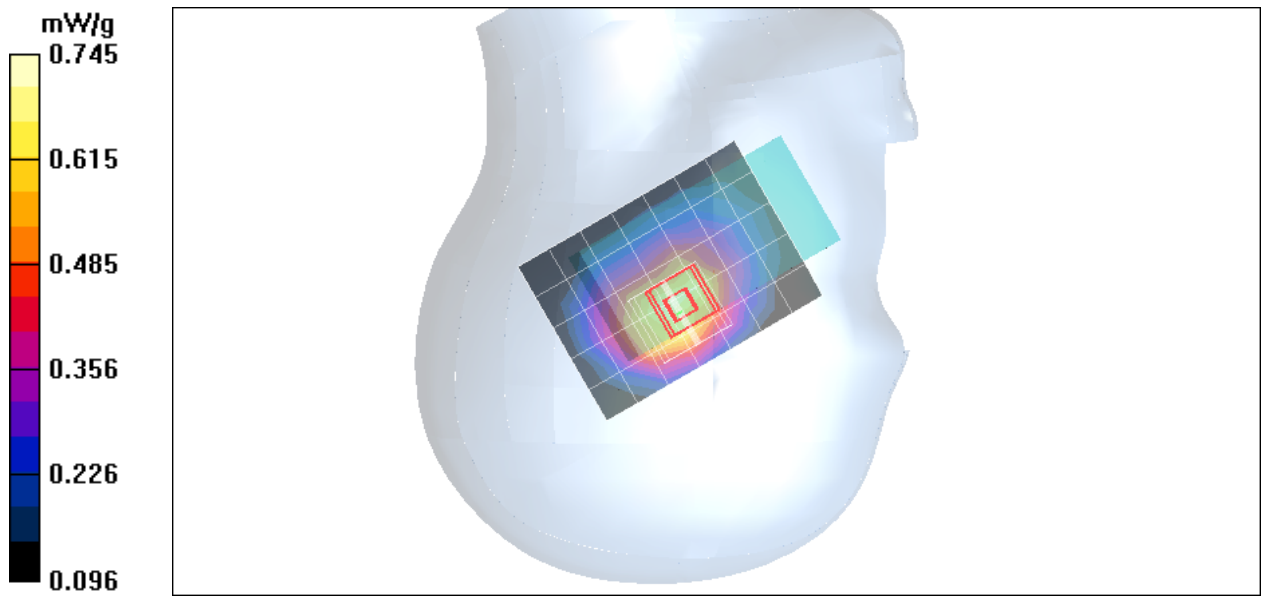
**Right Tilted Low CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.830 W/kg

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.477 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH384/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.839 mW/g

**Right Tilted Middle CH384/Zoom Scan (5x5x7)/Cube 0:** Measurement

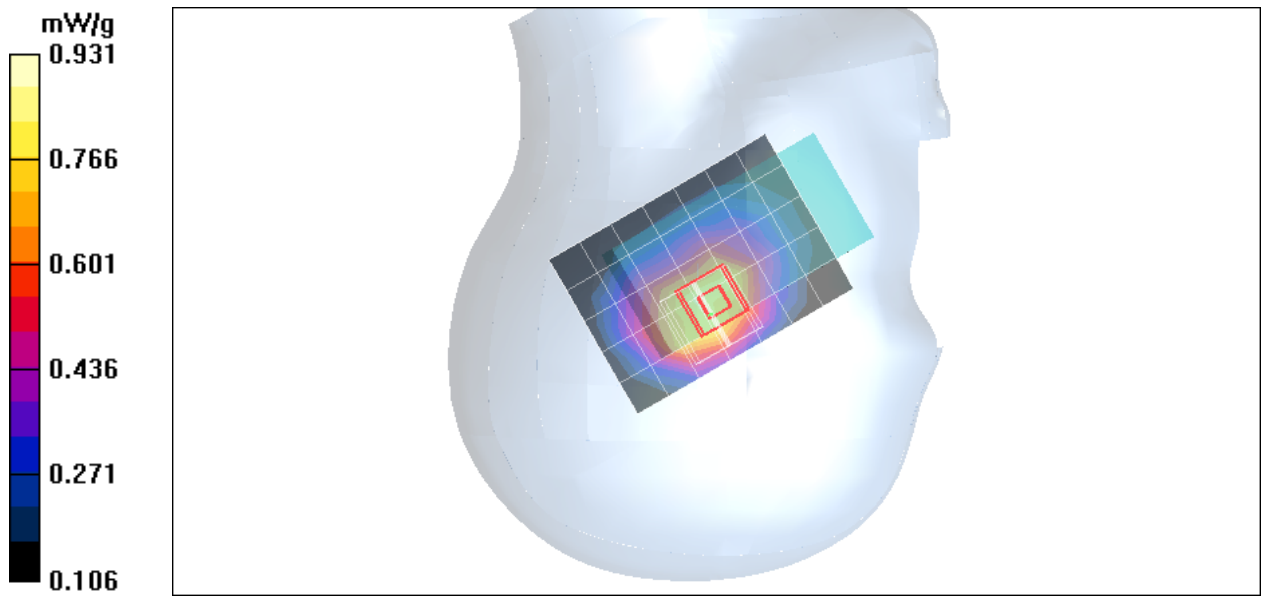
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 24.1 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.596 mW/g**

Maximum value of SAR (measured) = 0.931 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 848.31$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 High CH777/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.607 mW/g

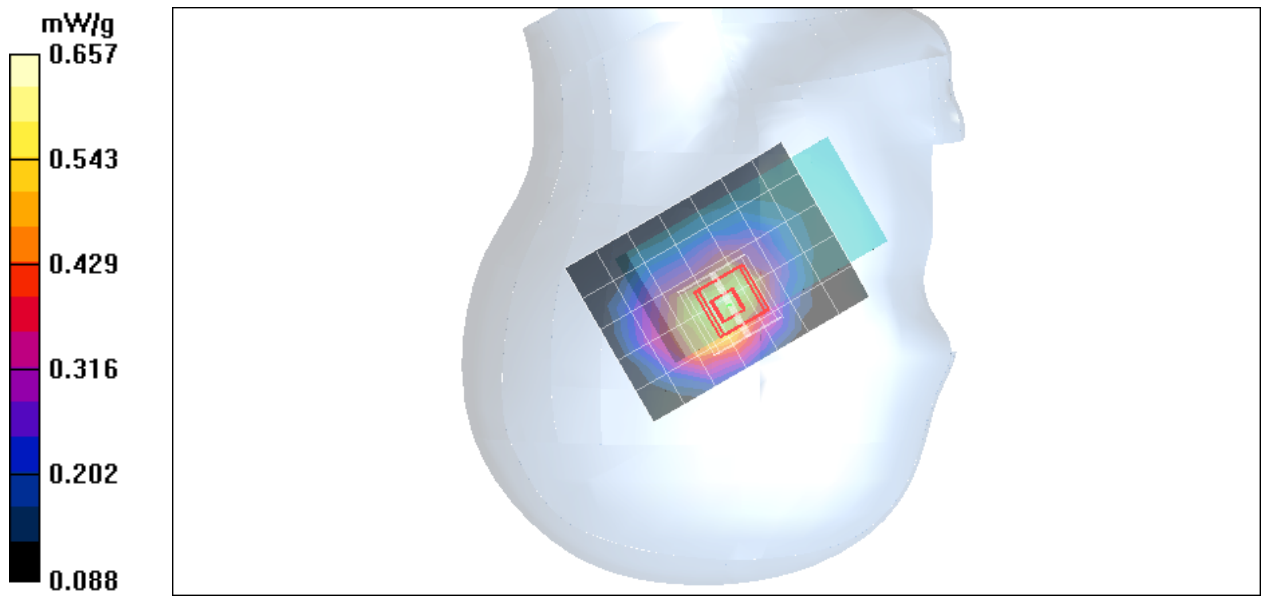
**Right Tilted High CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.724 W/kg

**SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.410 mW/g**

Maximum value of SAR (measured) = 0.657 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA Cellular; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.52$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(9.45, 9.45, 9.45);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **co-Location BT+Right Cheek Middle CH384/Area Scan (6x8x1):**

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.08 mW/g

### **co-Location BT+Right Cheek Middle CH384/Zoom Scan**

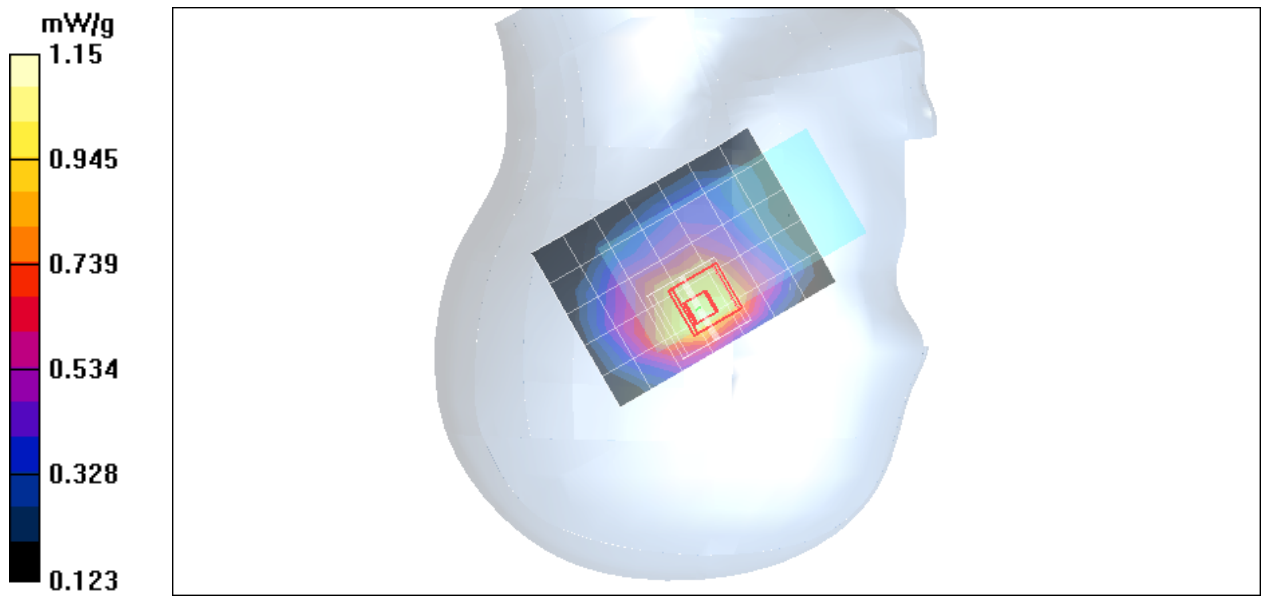
**(5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.9 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.693 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 close

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CheekLow CH25/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.874 mW/g

**Left CheekLow CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 19.2 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.481 mW/g**

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

**Left CheekLow CH25/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

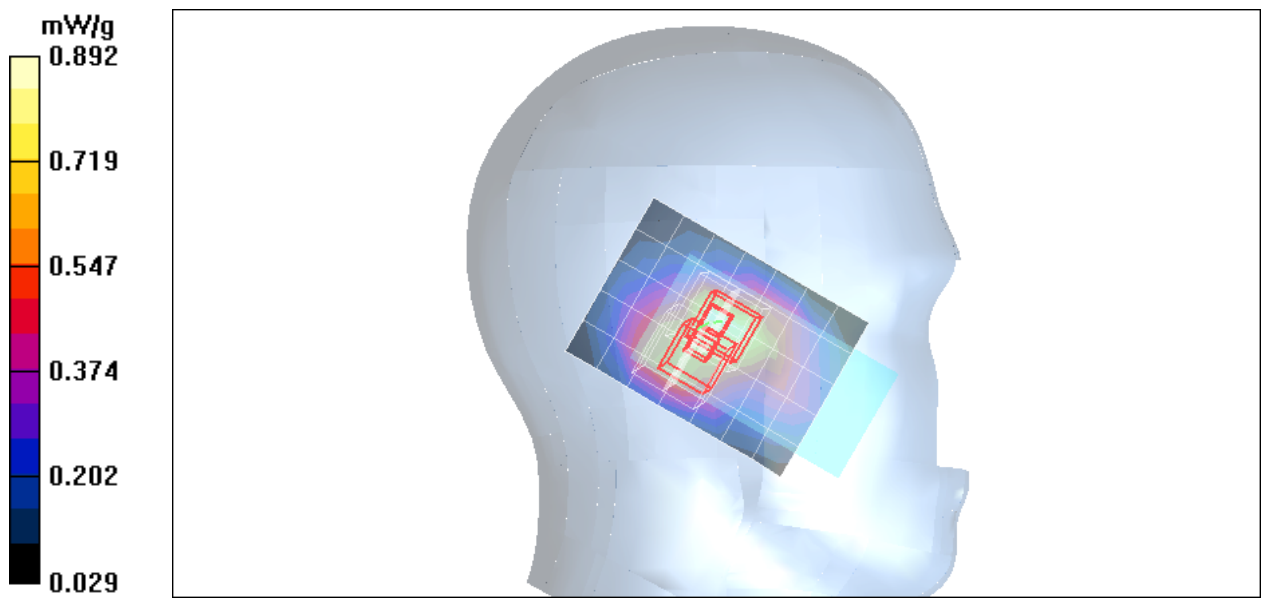
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.376 mW/g**

Maximum value of SAR (measured) = 0.868 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 close

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH600/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.798 mW/g

**Left Cheek Middle CH600/Zoom Scan (5x5x7)/Cube 0:** Measurement

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

Reference Value = 18.0 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.829 mW/g

**Left Cheek Middle CH600/Zoom Scan (5x5x7)/Cube 1:** Measurement

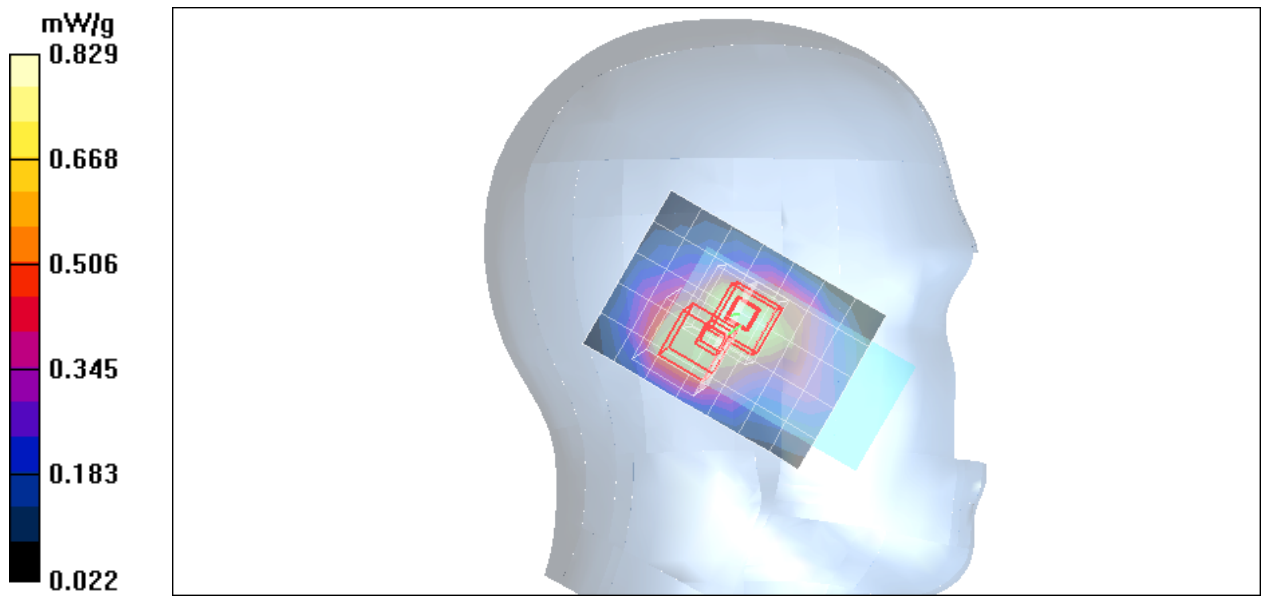
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 18.0 V/m; Power Drift = -0.002 dB

Peak SAR (extrapolated) = 0.924 W/kg

**SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.293 mW/g**

Maximum value of SAR (measured) = 0.722 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 close

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH1175/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Cheek Low CH1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.940 W/kg

**SAR(1 g) = 0.625 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 0.744 mW/g

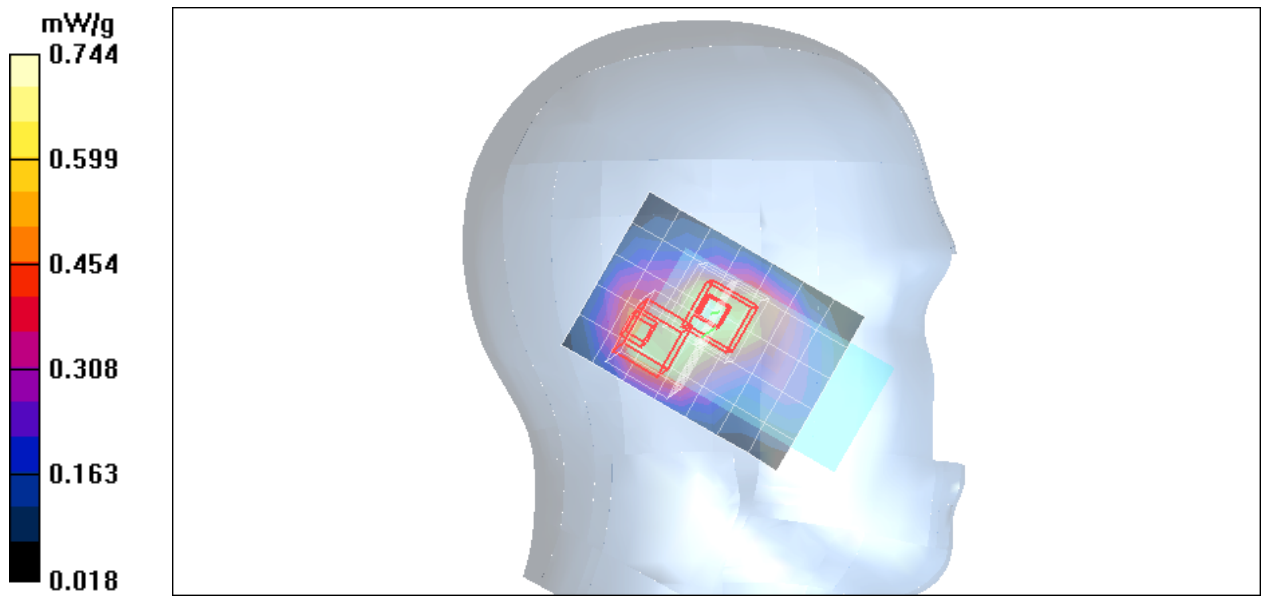
**Left Cheek Low CH1175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.867 W/kg

**SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.279 mW/g**

Maximum value of SAR (measured) = 0.649 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Left Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH25/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

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

**Left Tilted Low CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

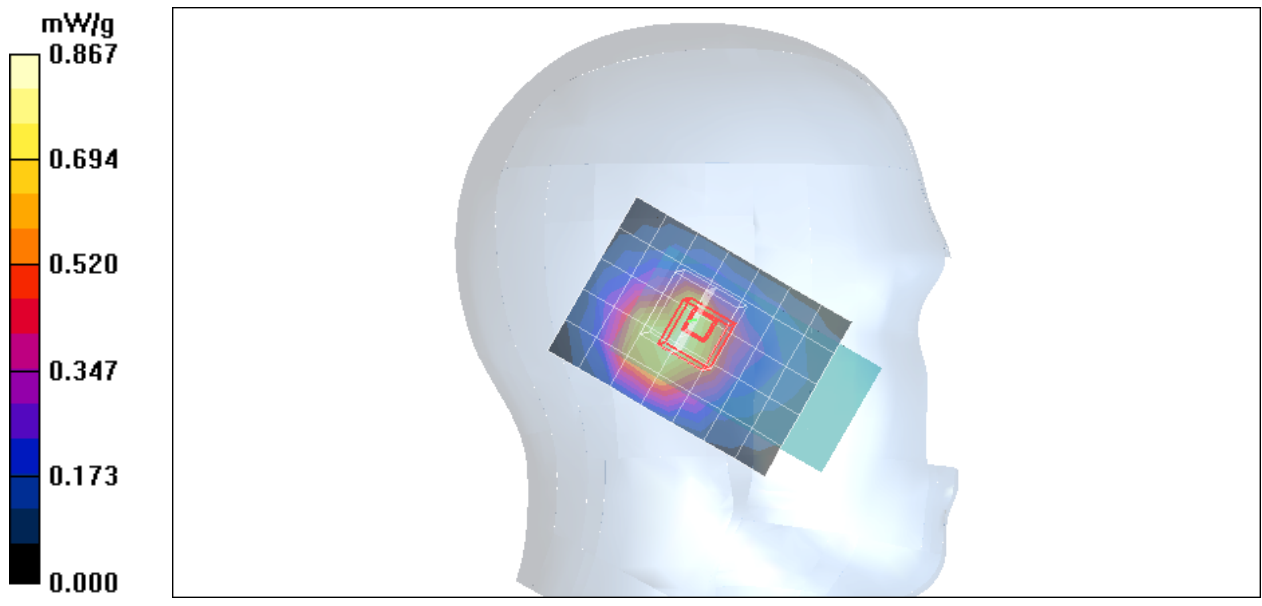
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.424 mW/g**

Maximum value of SAR (measured) = 0.867 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 close

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH600/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.693 mW/g

**Left Tilted Middle CH600/Zoom Scan (5x5x7)/Cube 0:** Measurement

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

Reference Value = 19.0 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.358 mW/g**

Maximum value of SAR (measured) = 0.868 mW/g

**Left Tilted Middle CH600/Zoom Scan (5x5x7)/Cube 1:** Measurement

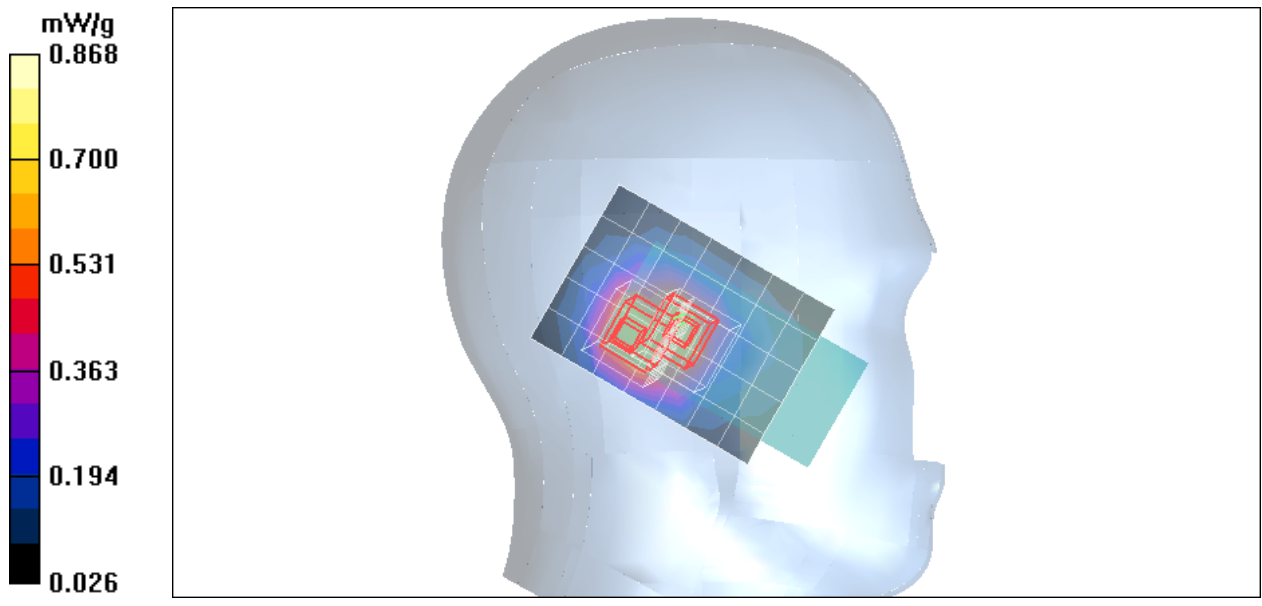
grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.374 mW/g**

Maximum value of SAR (measured) = 0.792 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 close

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 High CH1175/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.725 mW/g

**Left Tilted High CH1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.979 W/kg

**SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.326 mW/g**

Maximum value of SAR (measured) = 0.737 mW/g

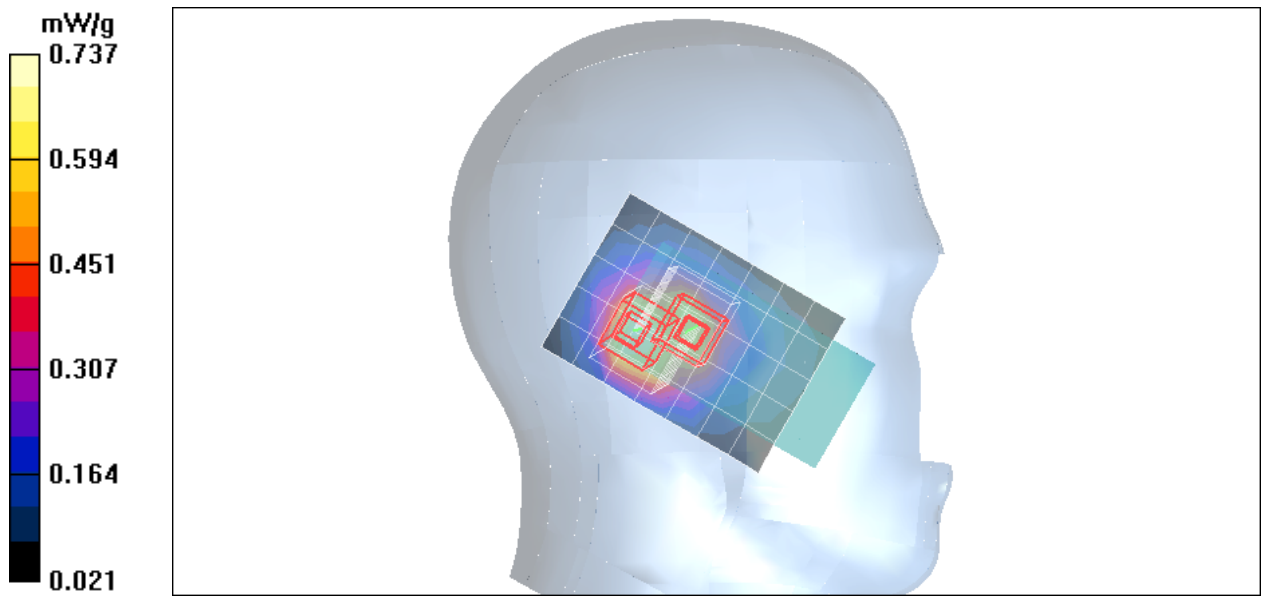
**Left Tilted High CH1175/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.961 W/kg

**SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.309 mW/g**

Maximum value of SAR (measured) = 0.743 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH25/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.896 mW/g

**Right Cheek Low CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

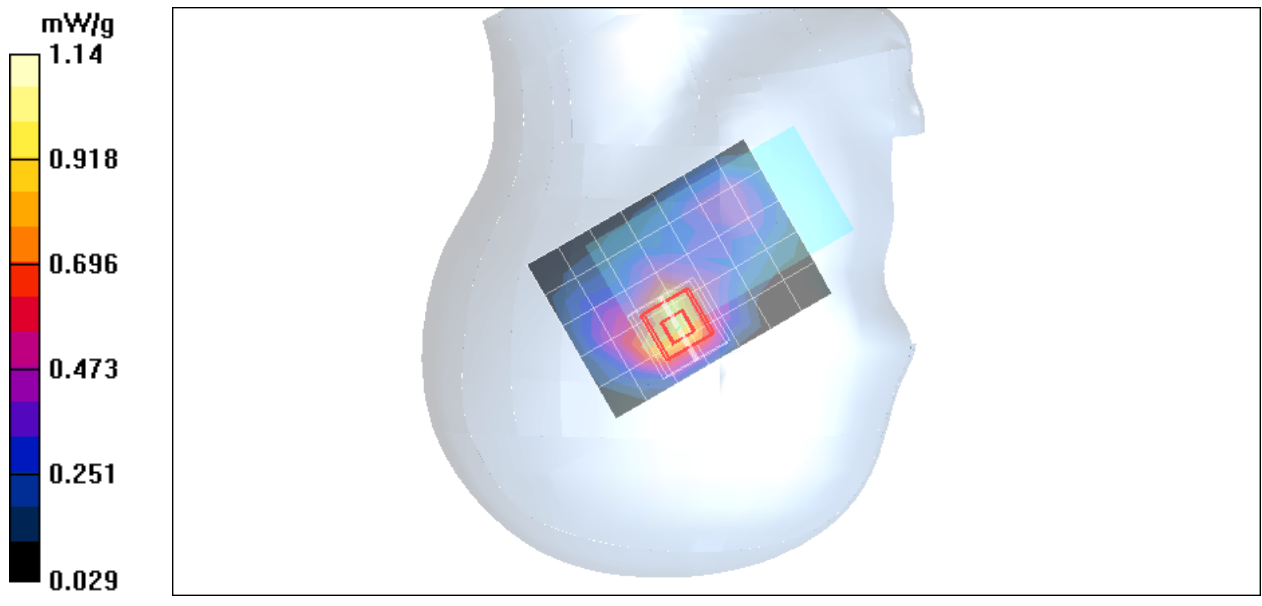
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 16.2 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.57 W/kg

**SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.461 mW/g**

Maximum value of SAR (measured) = 1.14 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH600/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.907 mW/g

**Right Cheek Middle CH600/Zoom Scan (5x5x7)/Cube 0:** Measurement

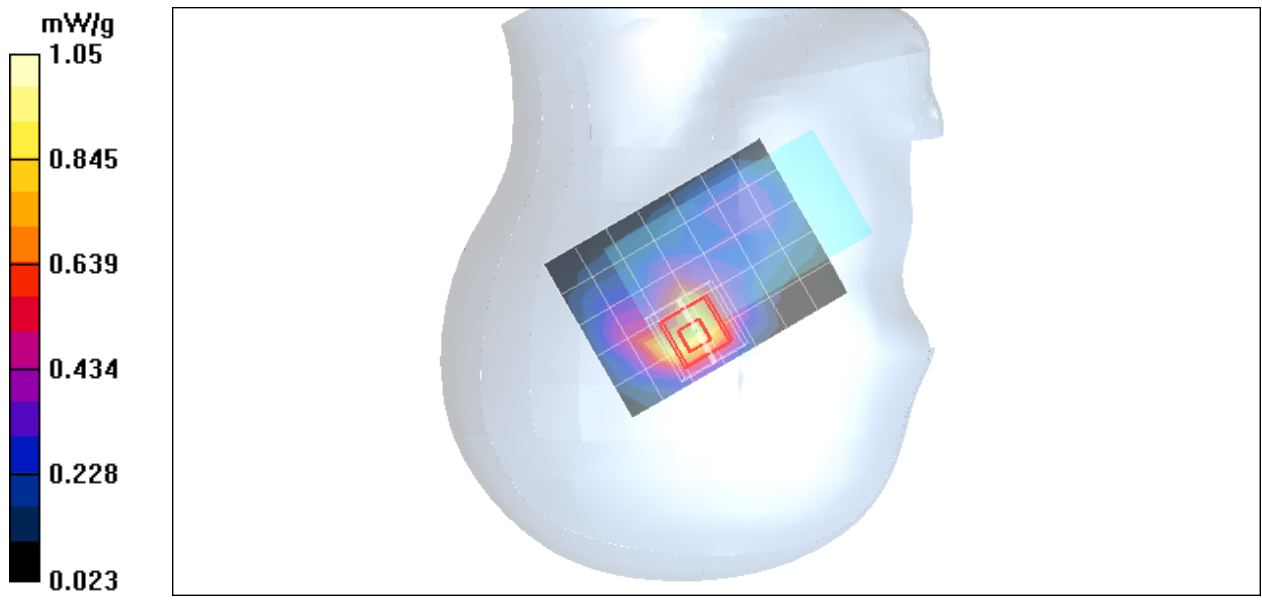
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 15.4 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.426 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 High CH1175/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.876 mW/g

**Right Cheek High CH1175/Zoom Scan (5x5x7)/Cube 0:** Measurement

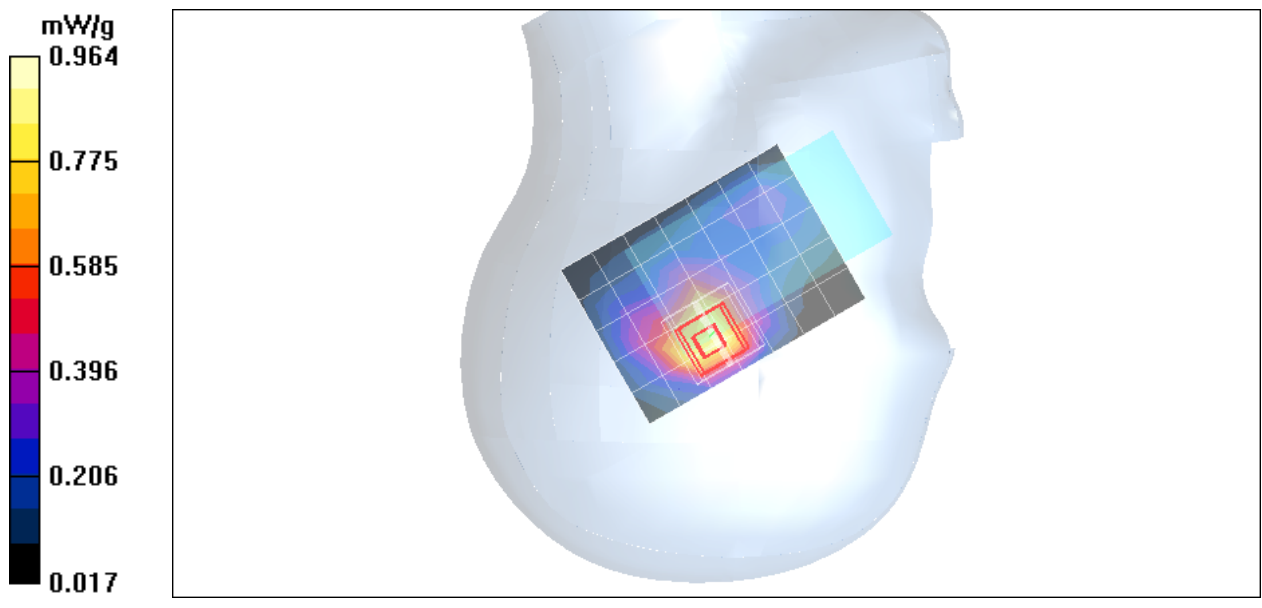
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 14.5 V/m; Power Drift = -0.000 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.398 mW/g**

Maximum value of SAR (measured) = 0.964 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 Low CH25/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.944 mW/g

**Right Tilted Low CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

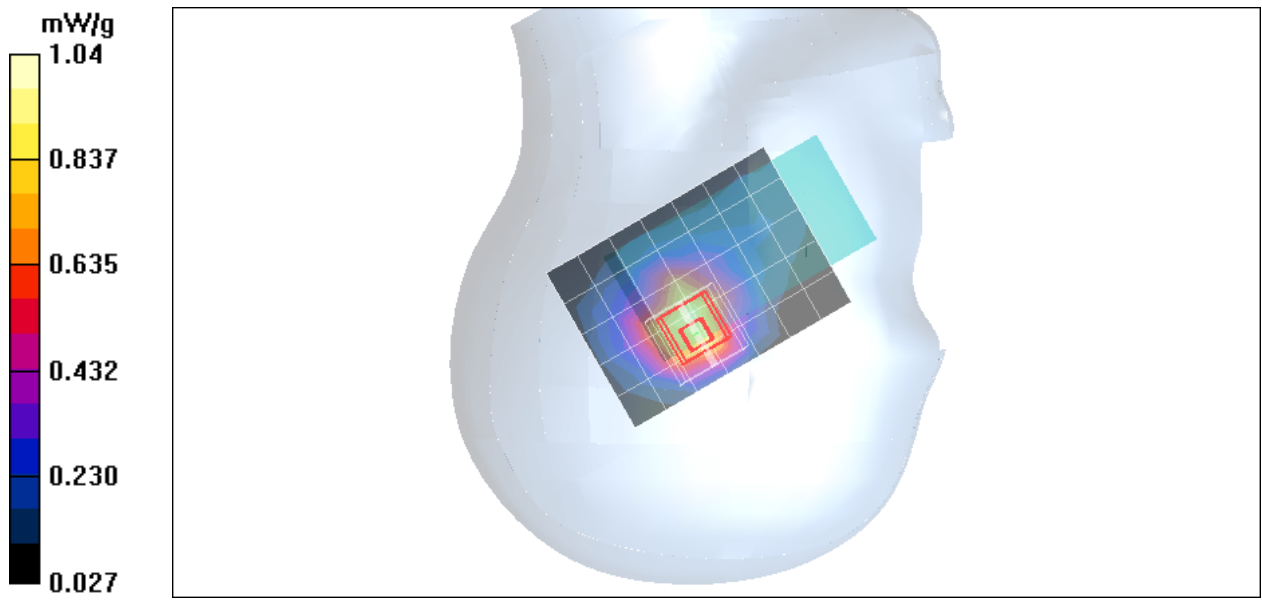
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 18.6 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.444 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.44$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 CH600/Area Scan (6x8x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.803 mW/g

**Right Tilted Middle CH600/Zoom Scan (5x5x7)/Cube 0:** Measurement

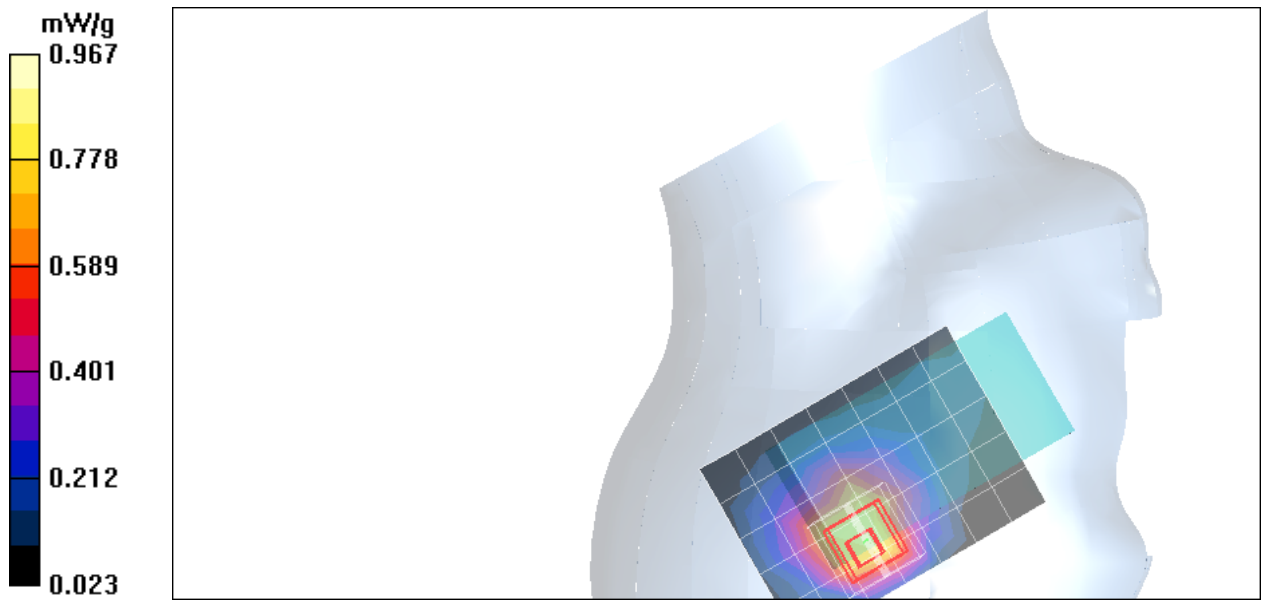
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 18.7 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.411 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 close**

**DUT: LIBR100; Type: Smart phone; Serial: N/A**

Communication System: CDMA PCS; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1908.75$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right 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 - SN3552; ConvF(7.67, 7.67, 7.67);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- 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 High CH1175/Area Scan (6x8x1):** Measurement grid:

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

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

**Right Tilted High CH1175/Zoom Scan (5x5x7)/Cube 0:** Measurement

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

Reference Value = 14.8 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.377 mW/g**

Maximum value of SAR (measured) = 0.883 mW/g

