

Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Left Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left CheekLow CH1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

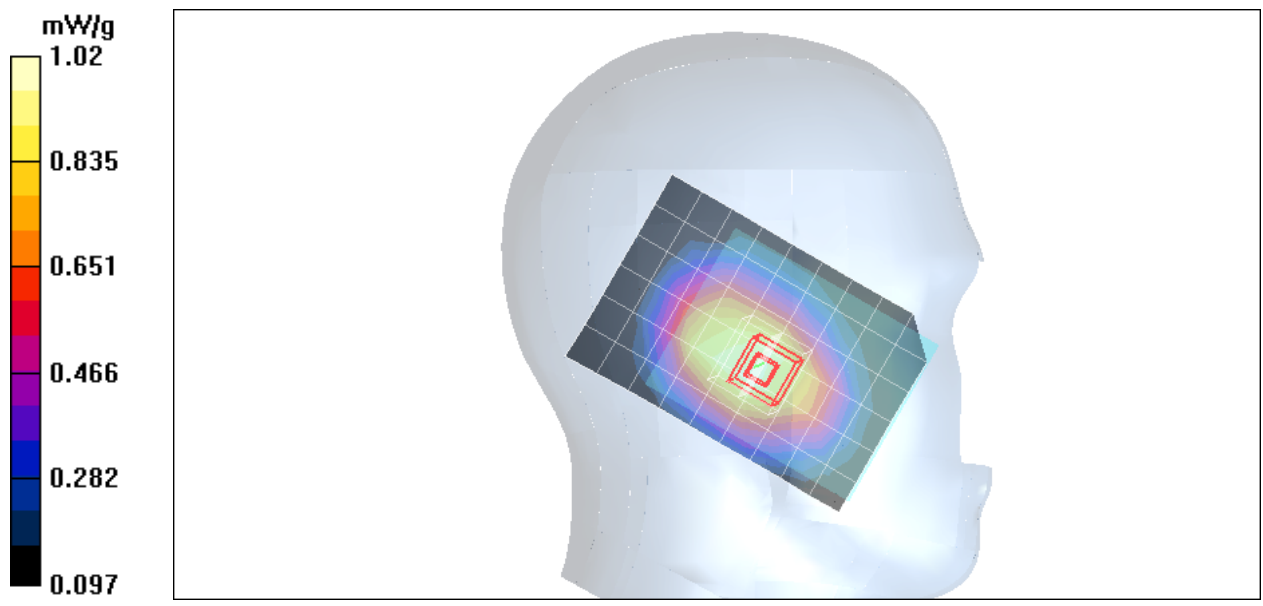
**Left CheekLow CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.9 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.878 mW/g; SAR(10 g) = 0.625 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



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## **CDMA Cellular Left Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Cheek Middle CH384/Area Scan (7x9x1):** Measurement grid:

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

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

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

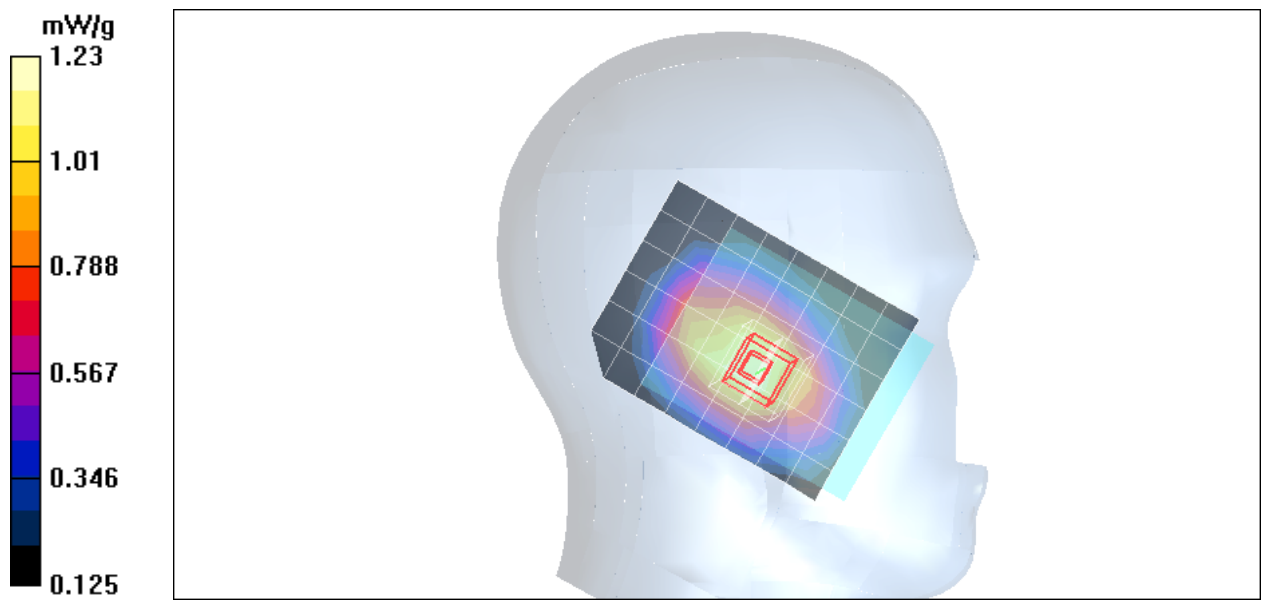
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 31.8 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.48 W/kg

**SAR(1 g) = 1.050 mW/g; SAR(10 g) = 0.745 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



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## CDMA Cellular Left Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Cheek Low CH777/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

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

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

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

Reference Value = 29.8 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.651 mW/g**

Maximum value of SAR (measured) = 1.022 mW/g

**Left Cheek Low CH777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

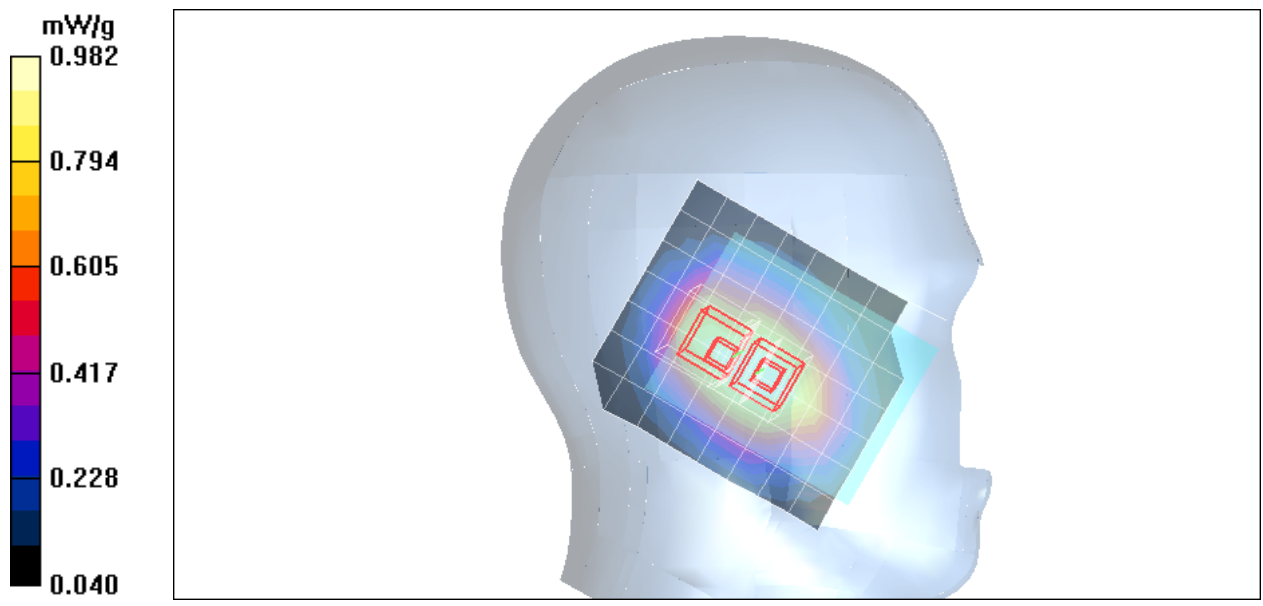
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.8 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.490 mW/g**

Maximum value of SAR (measured) = 0.982 mW/g



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## **CDMA Cellular Left Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Tilted Low CH1013/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.793 mW/g

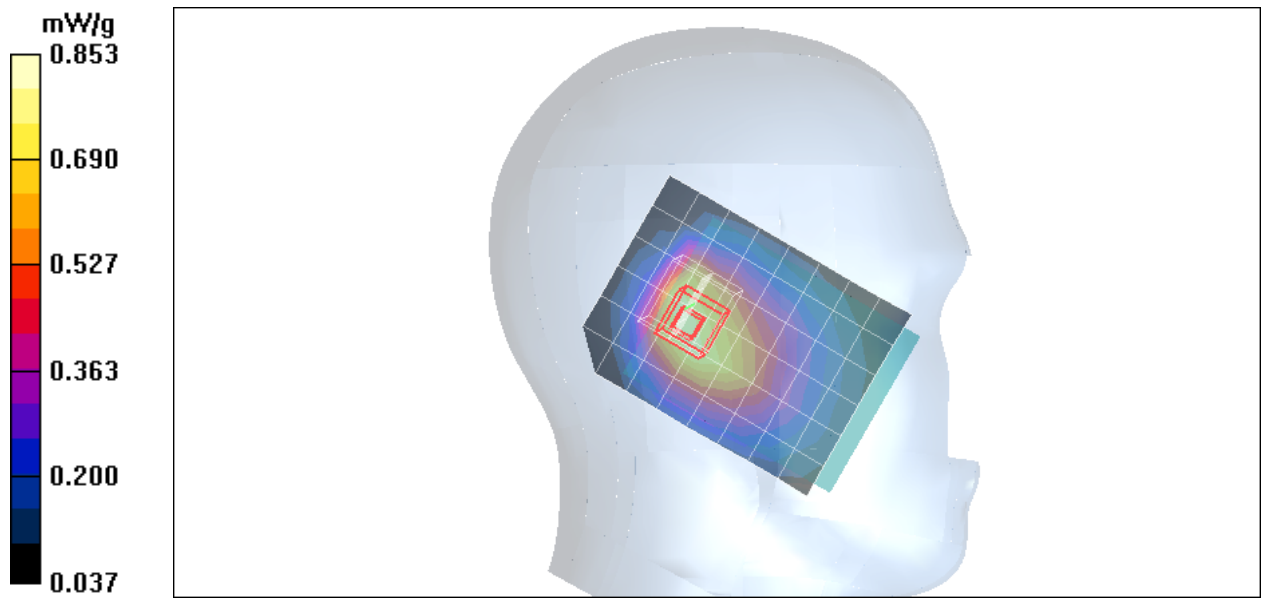
**Left Tilted Low CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.6 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.437 mW/g**

Maximum value of SAR (measured) = 0.853 mW/g





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## **CDMA Cellular Left Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Tilted Middle CH384/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.934 mW/g

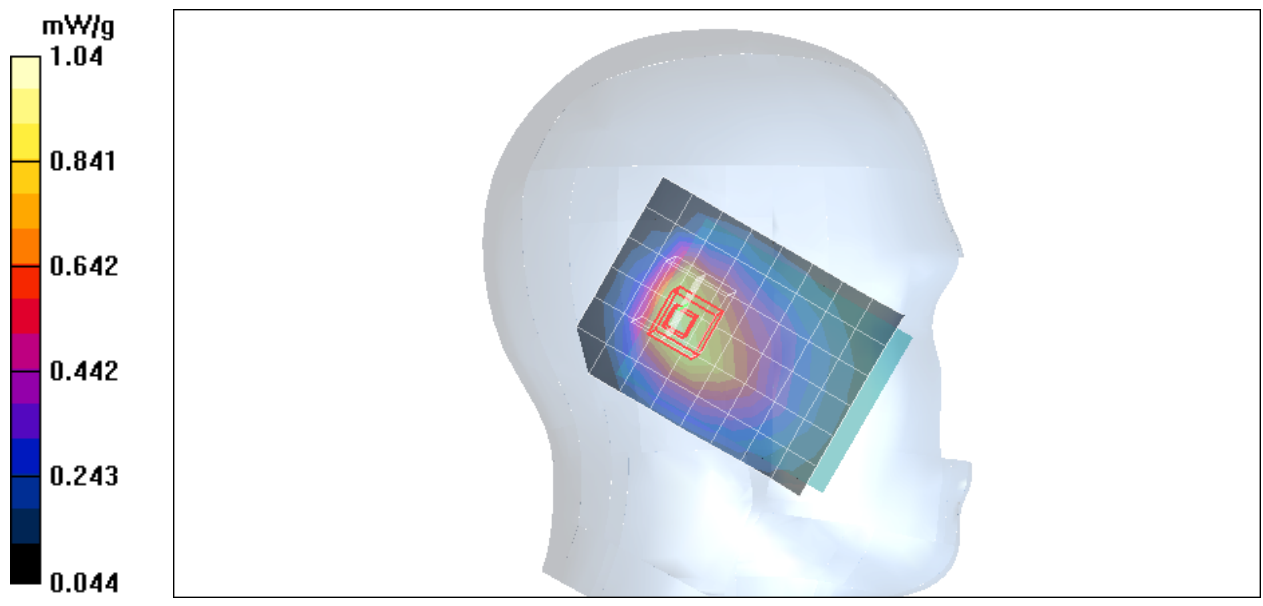
**Left Tilted Middle CH384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.8 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.530 mW/g**

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



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## **CDMA Cellular Left Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Tilted High CH777/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.816 mW/g

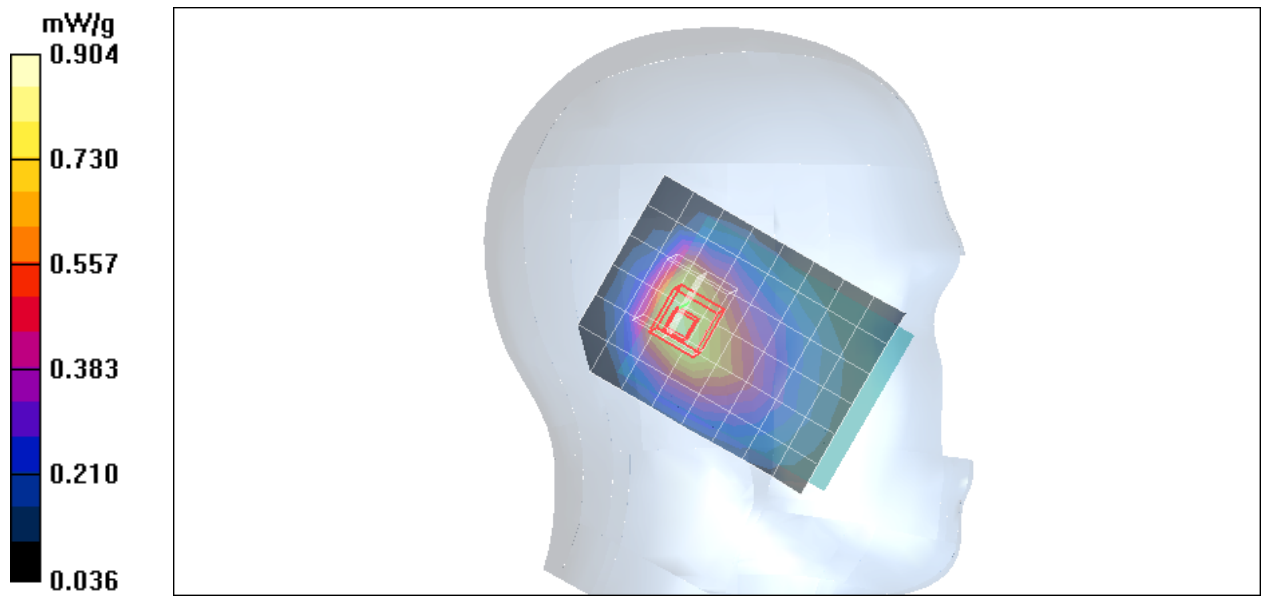
**Left Tilted High CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.3 V/m; Power Drift = -0.009 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.732 mW/g; SAR(10 g) = 0.460 mW/g**

Maximum value of SAR (measured) = 0.904 mW/g



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## CDMA Cellular Right Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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: 24.1 deg C; Liquid Temperature: 23.1 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Cheek Low CH1013/Area Scan (7x10x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.10 mW/g

**Right Cheek Low CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement

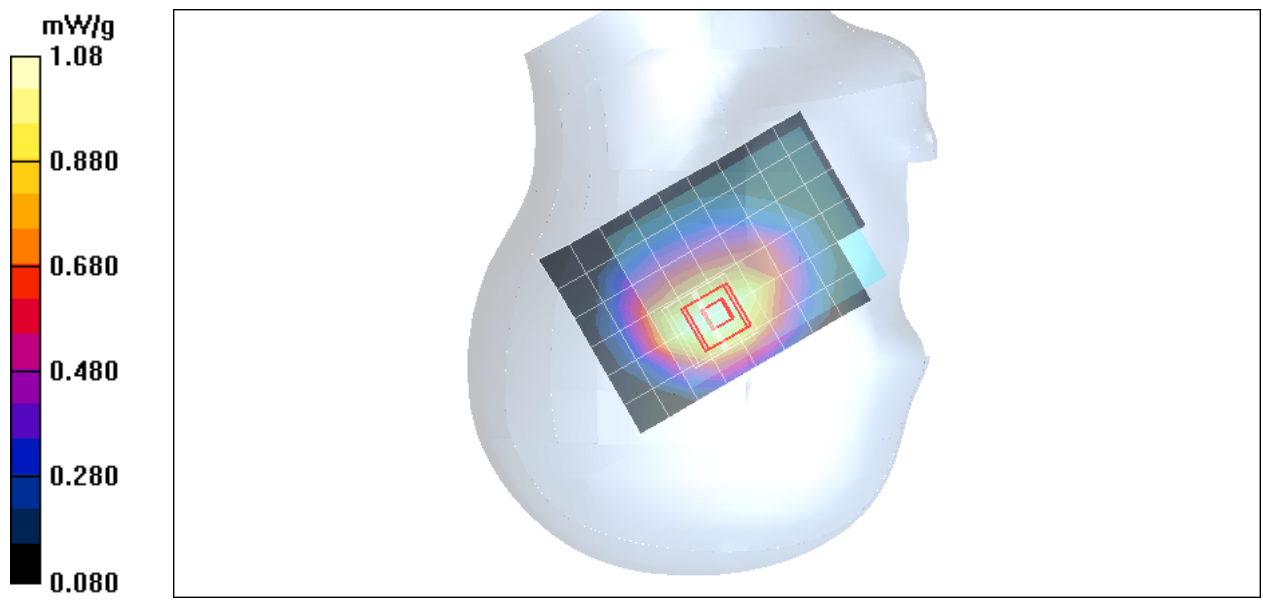
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 31.1 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.928 mW/g; SAR(10 g) = 0.647 mW/g**

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



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## CDMA Cellular Right Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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: 24.1 deg C; Liquid Temperature: 23.1 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Cheek Middle CH384/Area Scan (7x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.26 mW/g

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

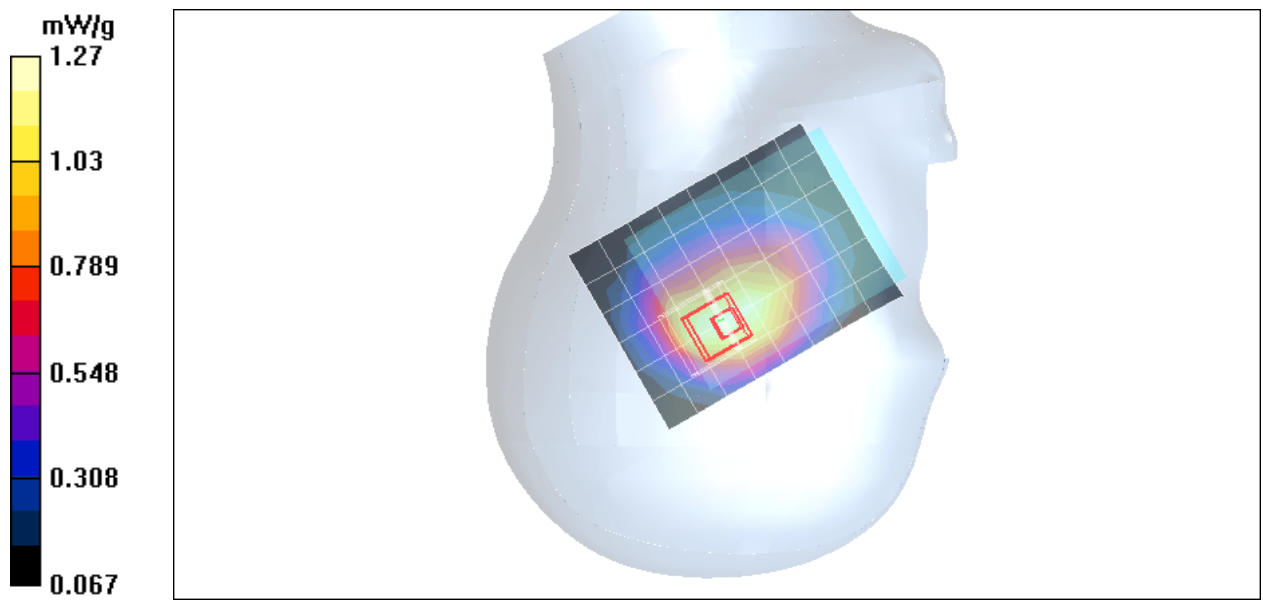
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 32.8 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.707 mW/g**

Maximum value of SAR (measured) = 1.27 mW/g





Test Laboratory: Compliance Certification Services Inc.

## CDMA Cellular Right Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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: 24.1 deg C; Liquid Temperature: 23.1 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Cheek High CH777/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.09 mW/g

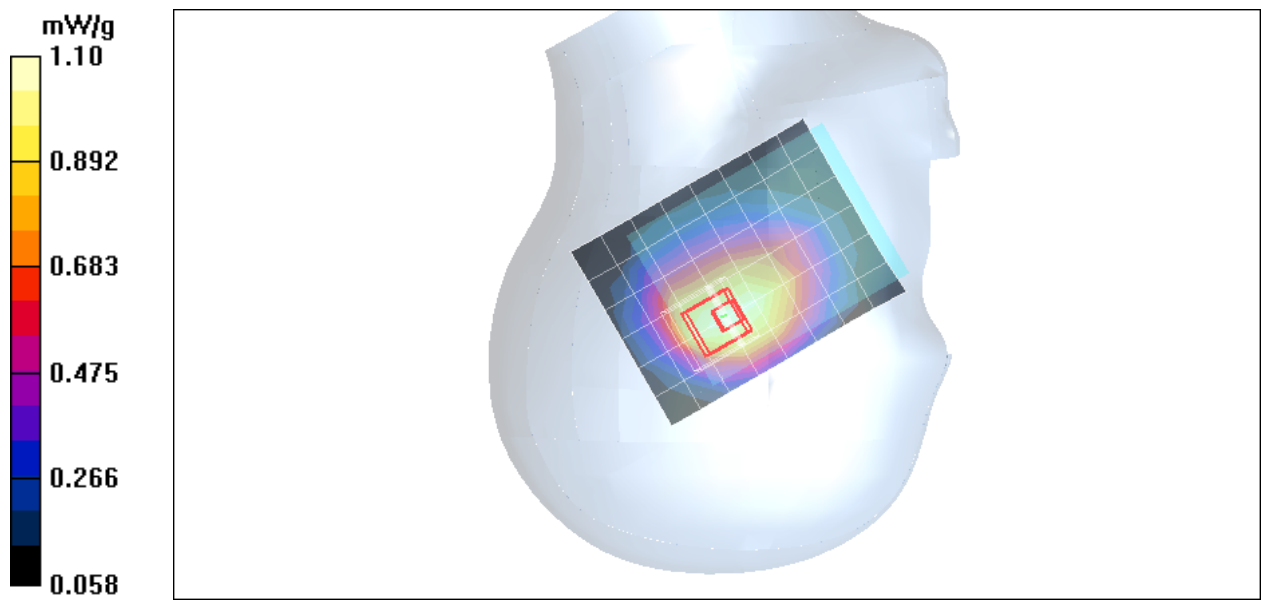
**Right Cheek High CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.1 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.613 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Tilted Low CH1013/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

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

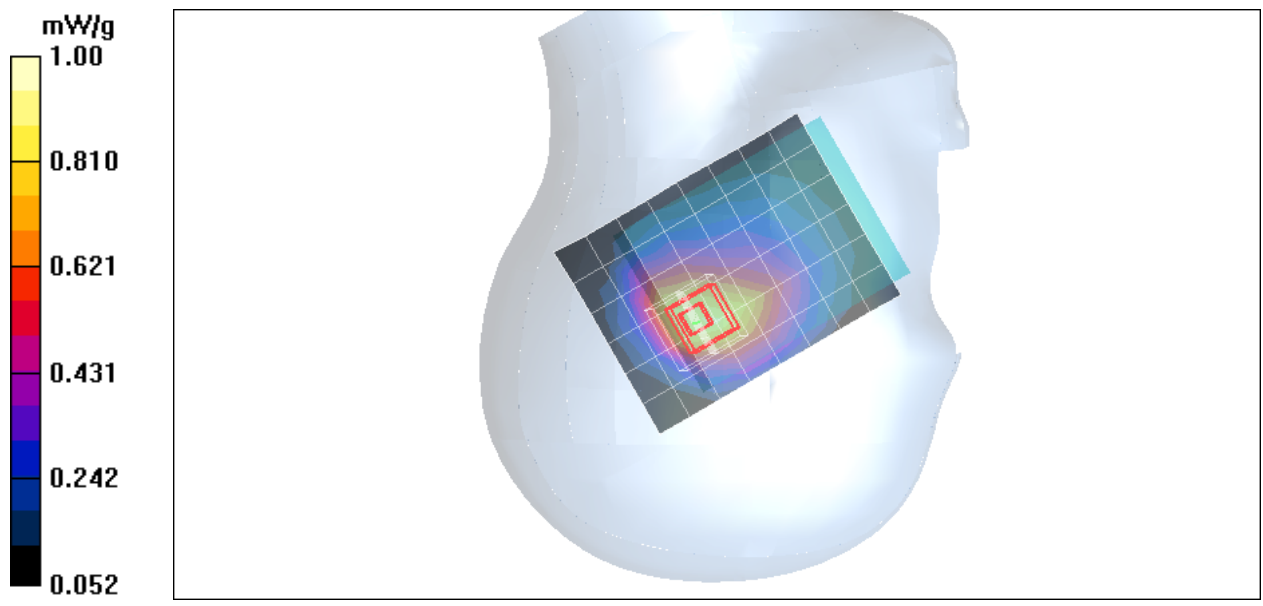
**Right Tilted Low CH1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 31.2 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.800 mW/g; SAR(10 g) = 0.510 mW/g**

Maximum value of SAR (measured) = 1.00 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA Cellular Right Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Tilted Middle CH384/Area Scan (7x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.990 mW/g

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

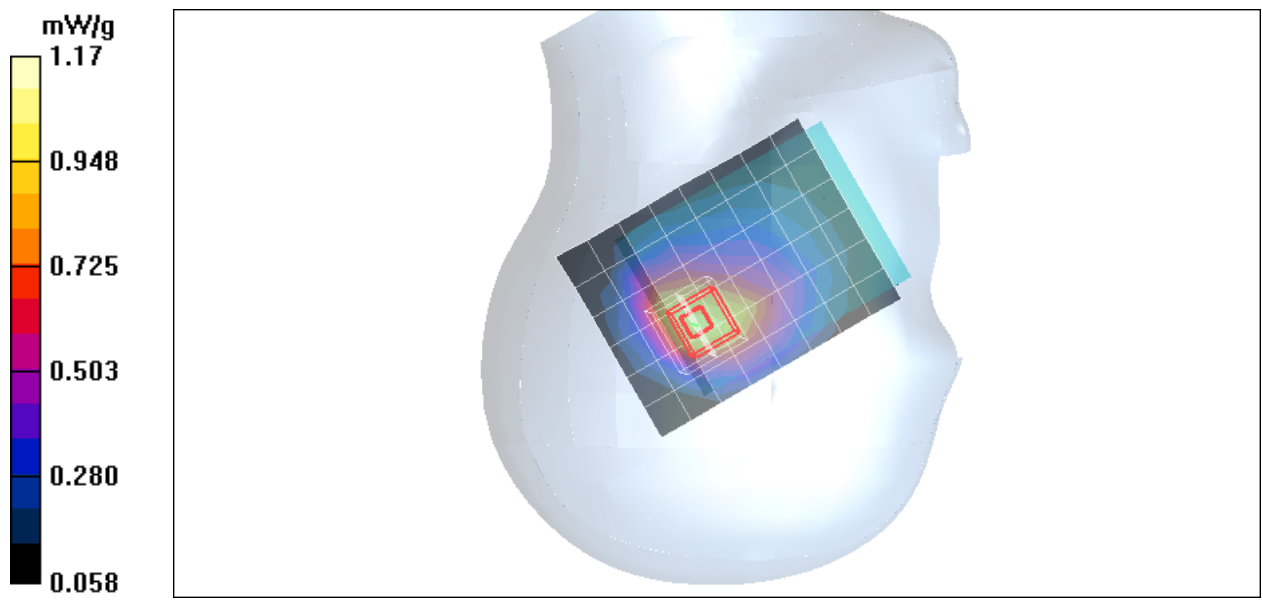
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 32.7 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.586 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **CDMA Cellular Right Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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: 24.2 deg C; Liquid Temperature: 23.2 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(10.57, 10.57, 10.57);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Tilted High CH777/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.884 mW/g

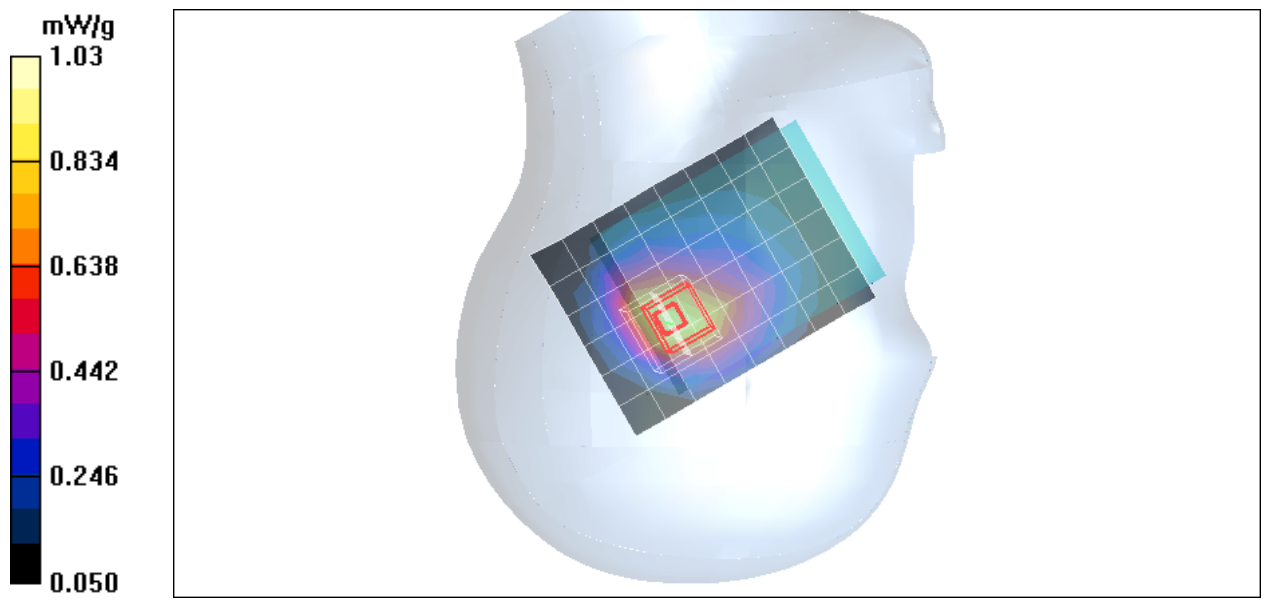
**Right Tilted High CH777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 30.8 V/m; Power Drift = -0.036 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.519 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Left Head LIBR100 slide**

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

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

**DASY4 Configuration:**

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Cheek Low CH25/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm

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

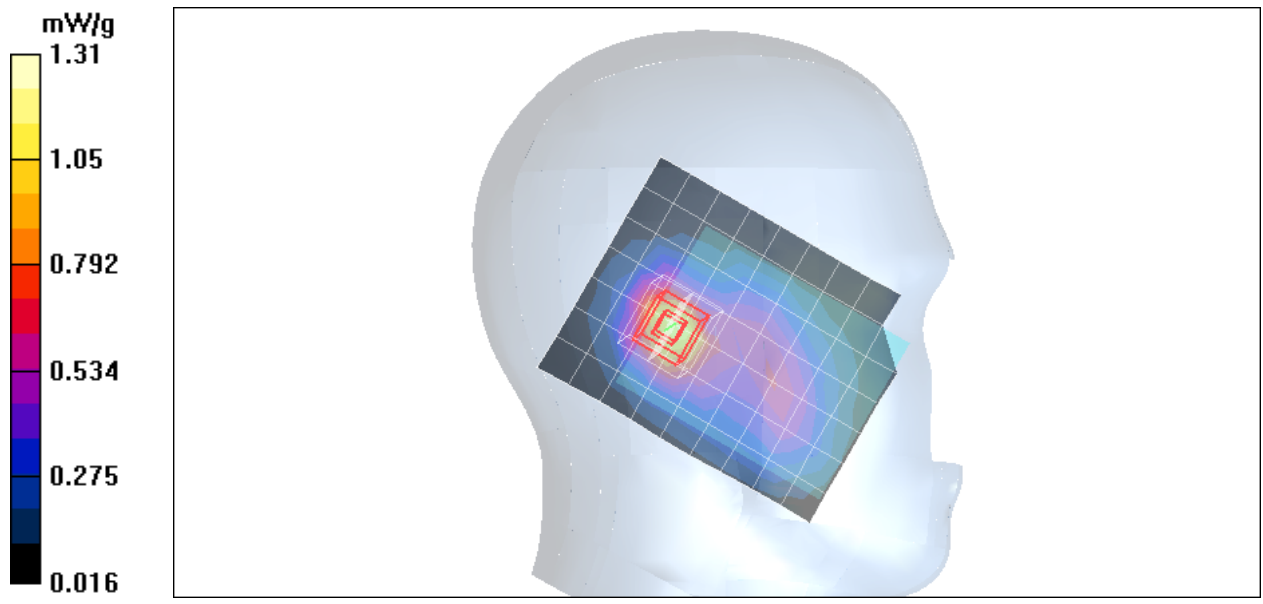
**Left Cheek Low CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 1.010 mW/g; SAR(10 g) = 0.545 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 slide

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

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Cheek Middle CH600/Area Scan (8x10x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.28 mW/g

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

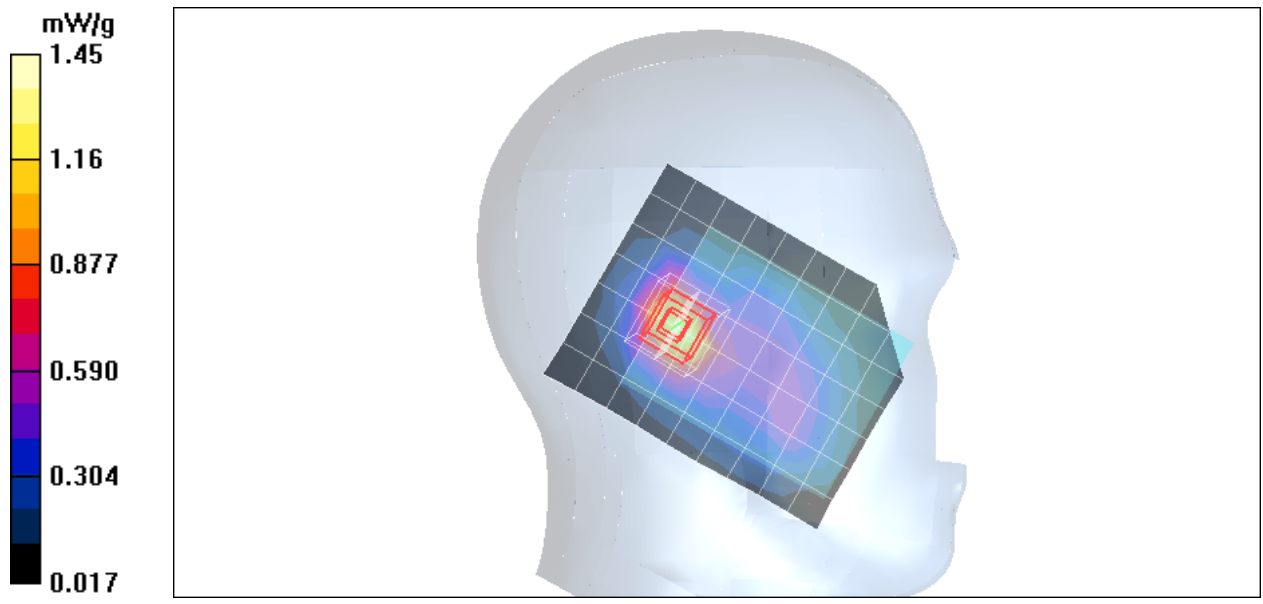
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 29.8 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 1.96 W/kg

**SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.599 mW/g**

Maximum value of SAR (measured) = 1.45 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Cheek Low CH1175/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.56 mW/g

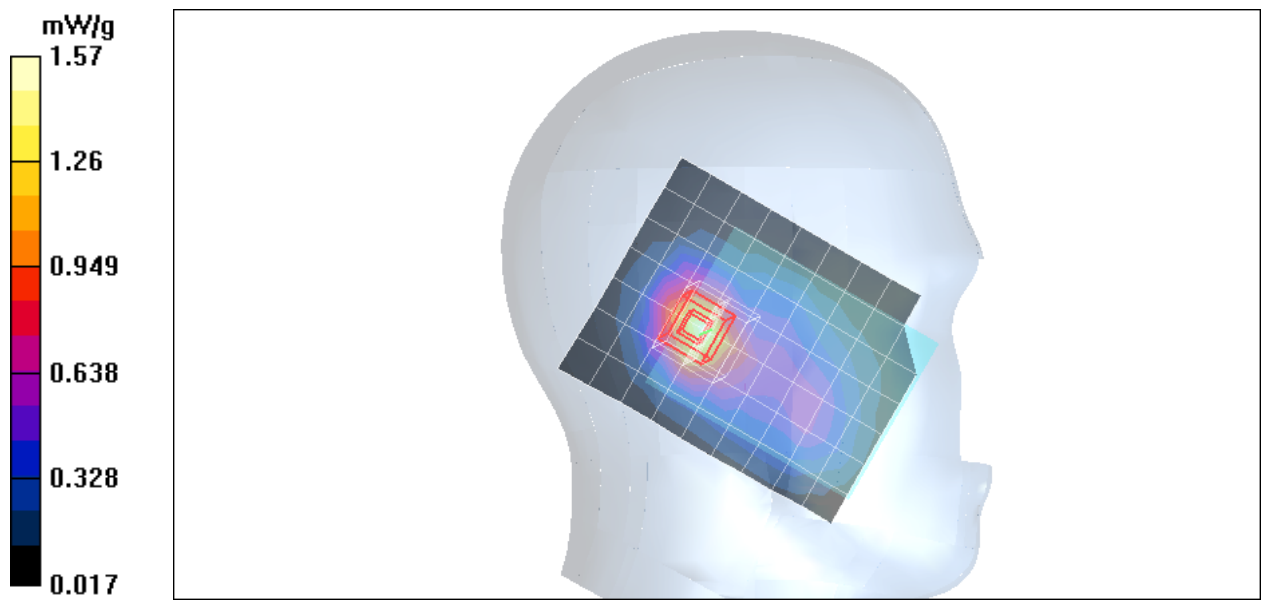
**Left Cheek Low CH1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 32.4 V/m; Power Drift = -0.053 dB

Peak SAR (extrapolated) = 2.20 W/kg

**SAR(1 g) = 1.250 mW/g; SAR(10 g) = 0.669 mW/g**

Maximum value of SAR (measured) = 1.57 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 slide

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

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Tilted Low CH25/Area Scan (8x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.38 mW/g

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

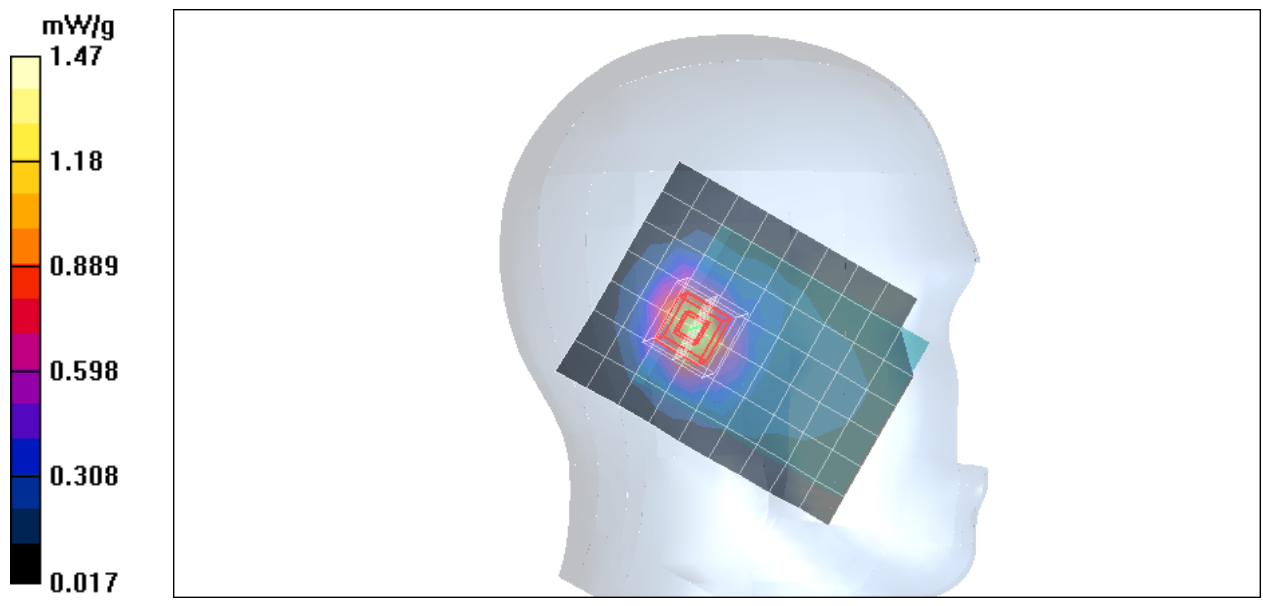
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.4 V/m; Power Drift = -0.090 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.604 mW/g**

Maximum value of SAR (measured) = 1.47 mW/g





Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 slide

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

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Tilted Middle CH600/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.60 mW/g

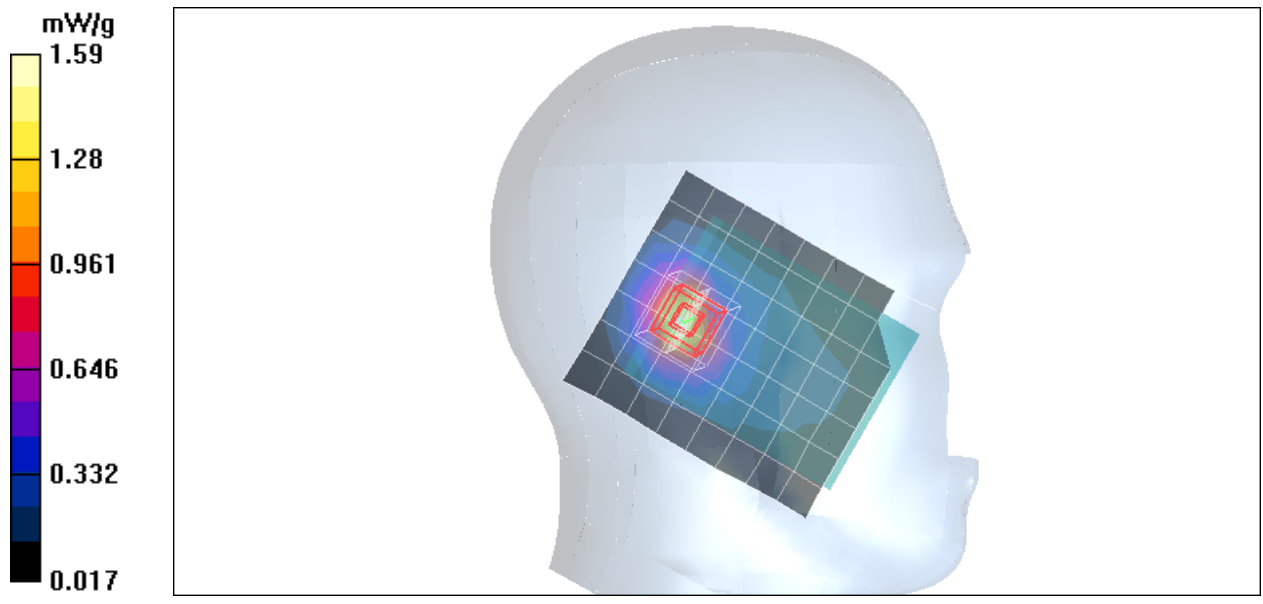
**Left Tilted Middle CH600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 29.5 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 2.11 W/kg

**SAR(1 g) = 1.230 mW/g; SAR(10 g) = 0.667 mW/g**

Maximum value of SAR (measured) = 1.59 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Left Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Left Tilted High CH1175/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.84 mW/g

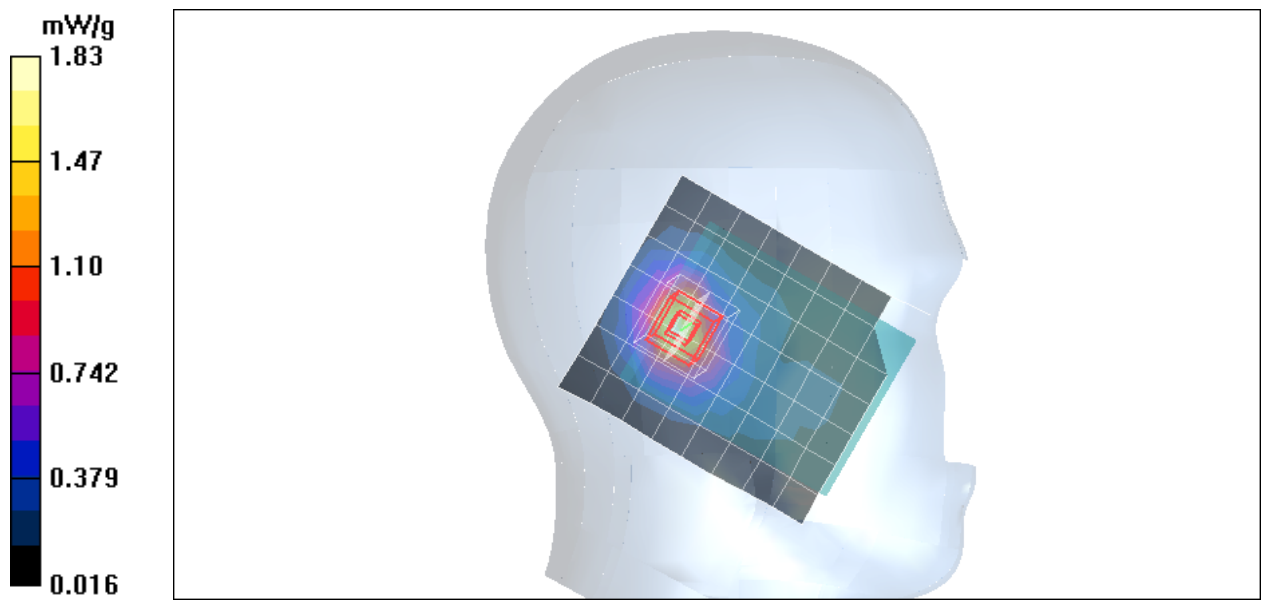
**Left Tilted High CH1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 33.7 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.380 mW/g; SAR(10 g) = 0.748 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Right Head LIBR100 slide

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

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Cheek Low CH25/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.50 mW/g

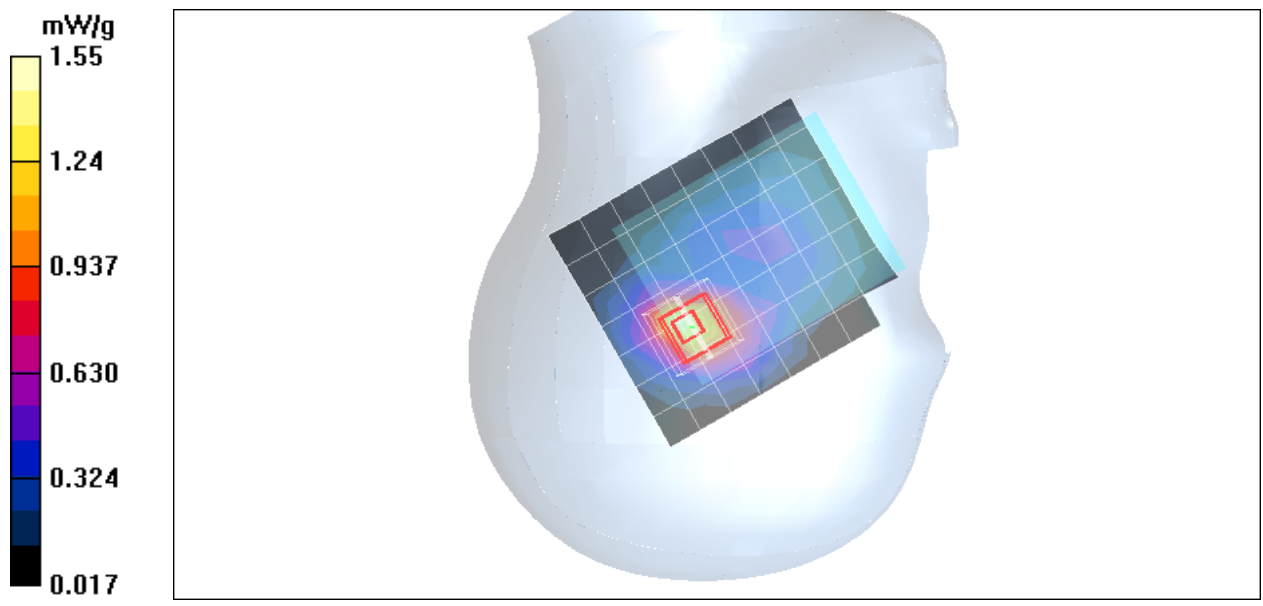
**Right Cheek Low CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.2 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 2.05 W/kg

**SAR(1 g) = 1.160 mW/g; SAR(10 g) = 0.622 mW/g**

Maximum value of SAR (measured) = 1.55 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Right Head LIBR100 slide

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

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Cheek Middle CH600/Area Scan (8x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.49 mW/g

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

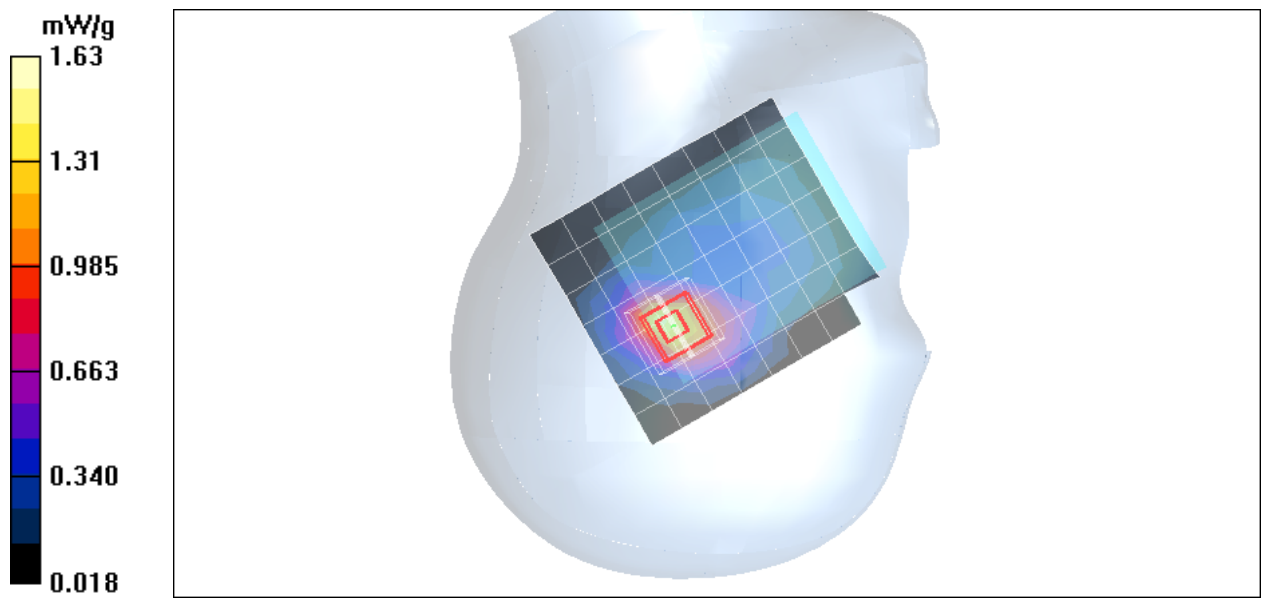
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 23.7 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 2.14 W/kg

**SAR(1 g) = 1.210 mW/g; SAR(10 g) = 0.648 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Right Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Cheek High CH1175/Area Scan (8x10x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.55 mW/g

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

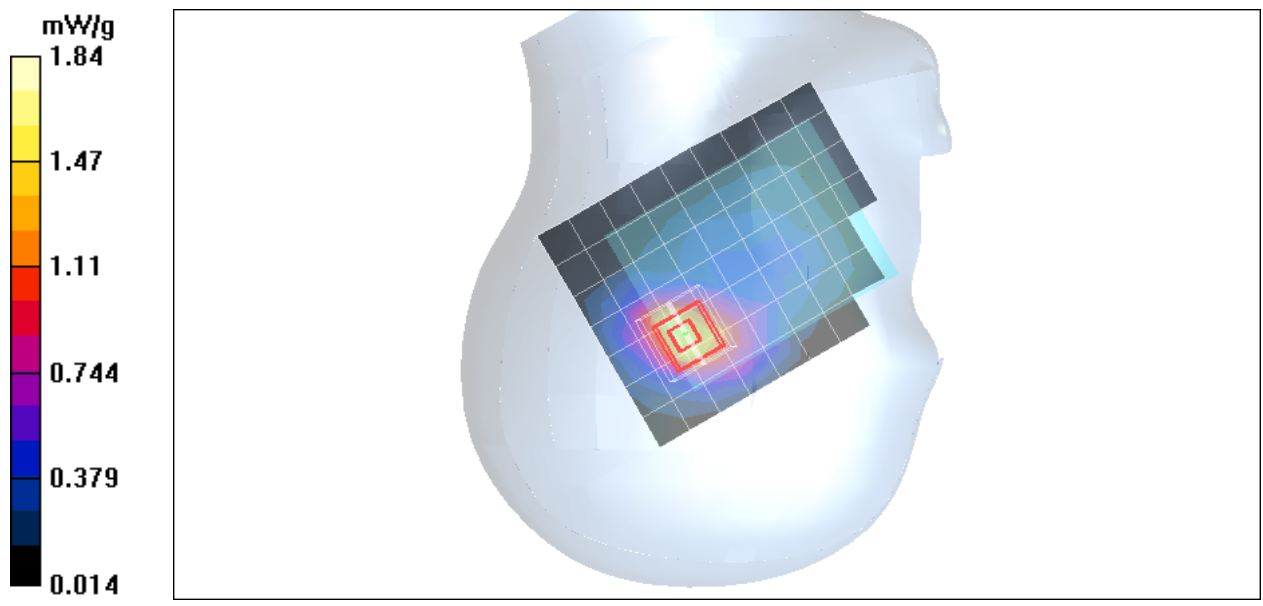
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 25.0 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 1.370 mW/g; SAR(10 g) = 0.737 mW/g**

Maximum value of SAR (measured) = 1.84 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Right Head LIBR100 slide

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

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

Medium parameters used (interpolated):  $f = 1851.25$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Tilted Low CH25/Area Scan (8x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.76 mW/g

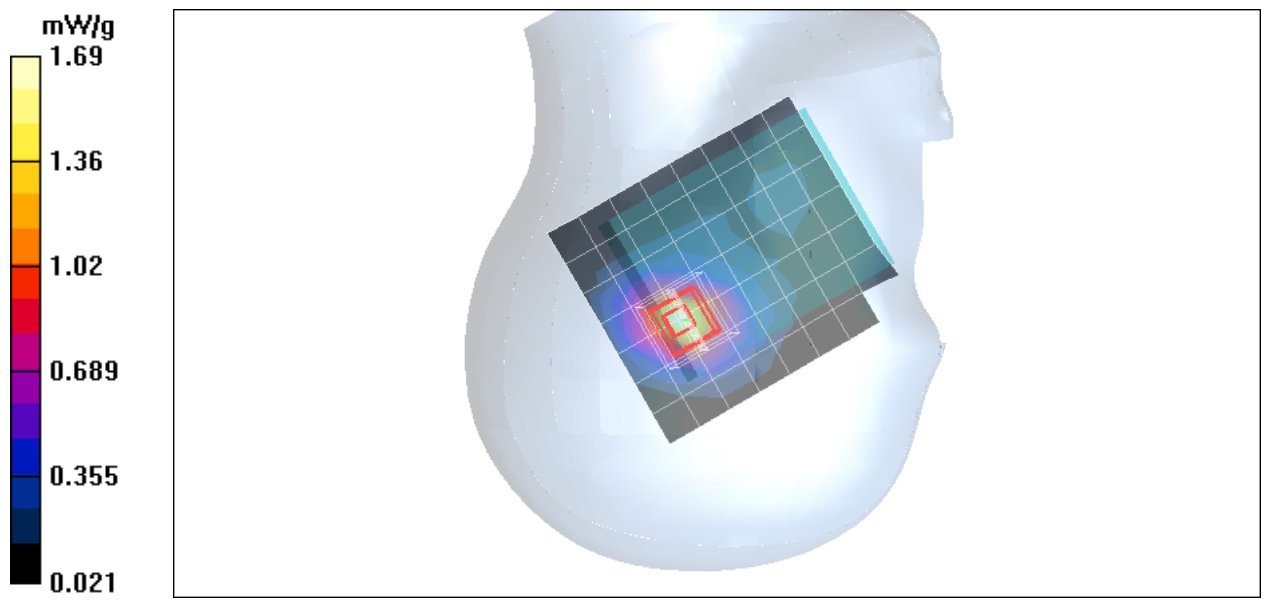
**Right Tilted Low CH25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 25.2 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 1.280 mW/g; SAR(10 g) = 0.685 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 slide**

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

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Tilted Middle CH600/Area Scan (8x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.79 mW/g

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

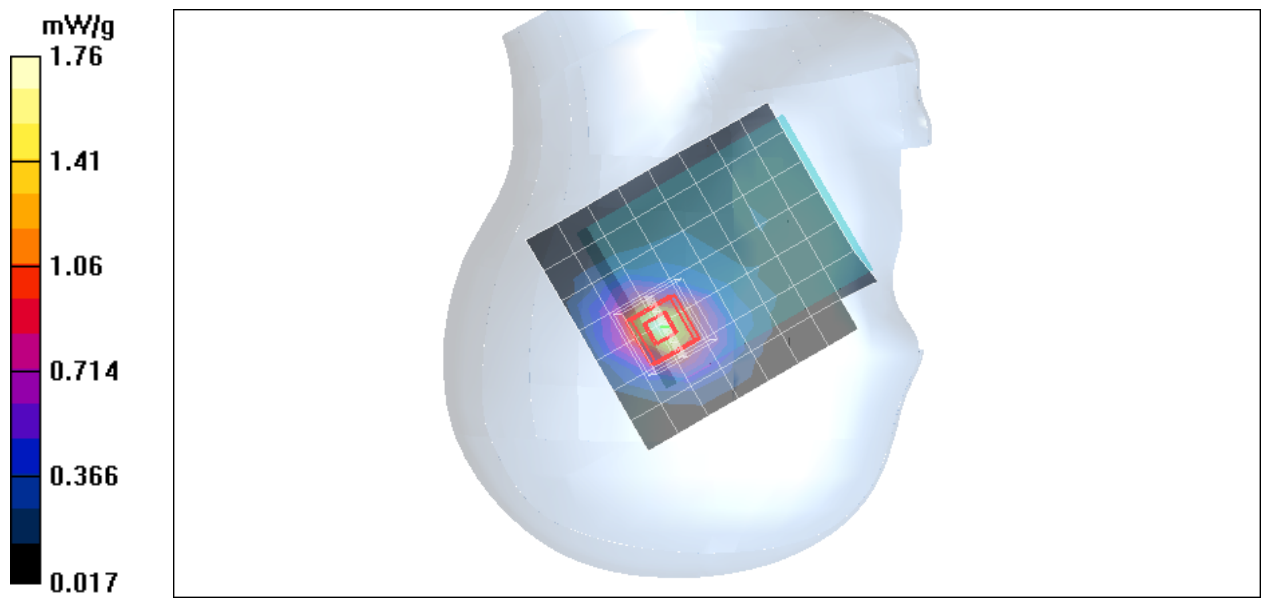
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 23.9 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 1.330 mW/g; SAR(10 g) = 0.711 mW/g**

Maximum value of SAR (measured) = 1.76 mW/g



Test Laboratory: Compliance Certification Services Inc.

## CDMA PCS Right Head LIBR100 slide

**DUT: LIBR100; Type: Cell 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;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

**Right Tilted High CH1175/Area Scan (8x10x1):** Measurement grid:

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

Maximum value of SAR (measured) = 1.87 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 = 26.2 V/m; Power Drift = -0.006 dB

Peak SAR (extrapolated) = 2.52 W/kg

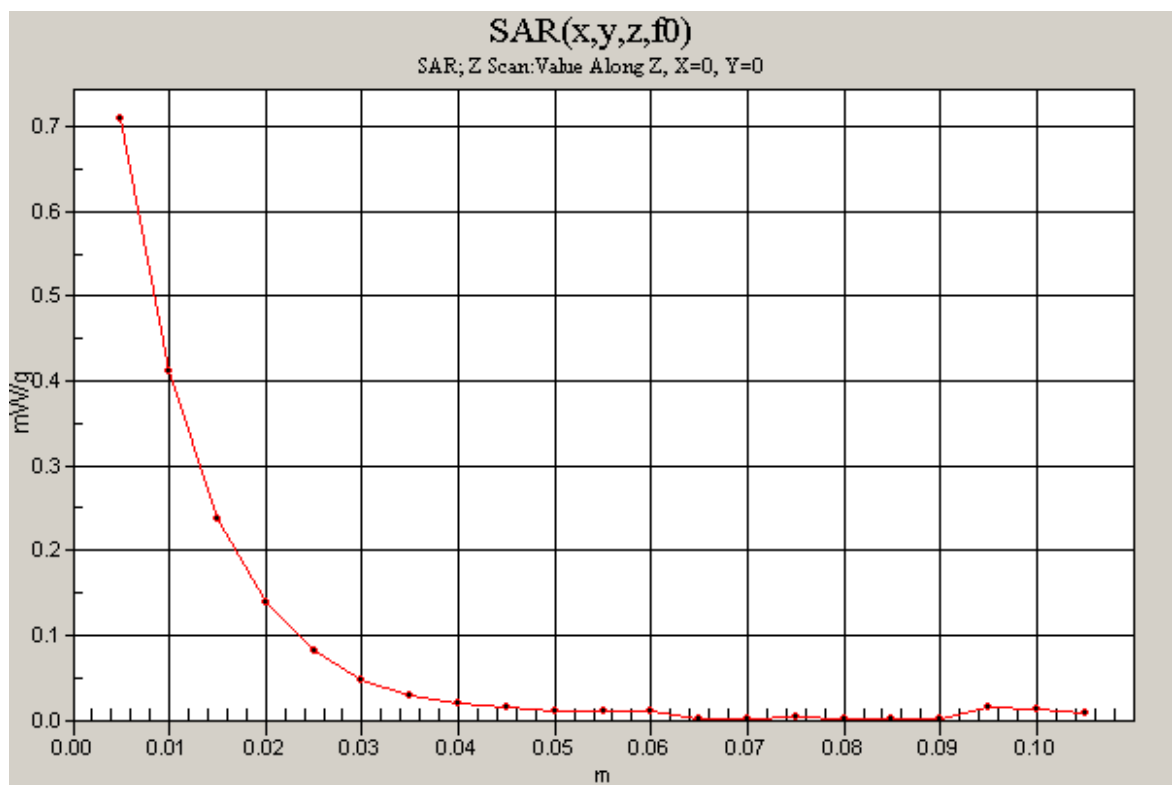
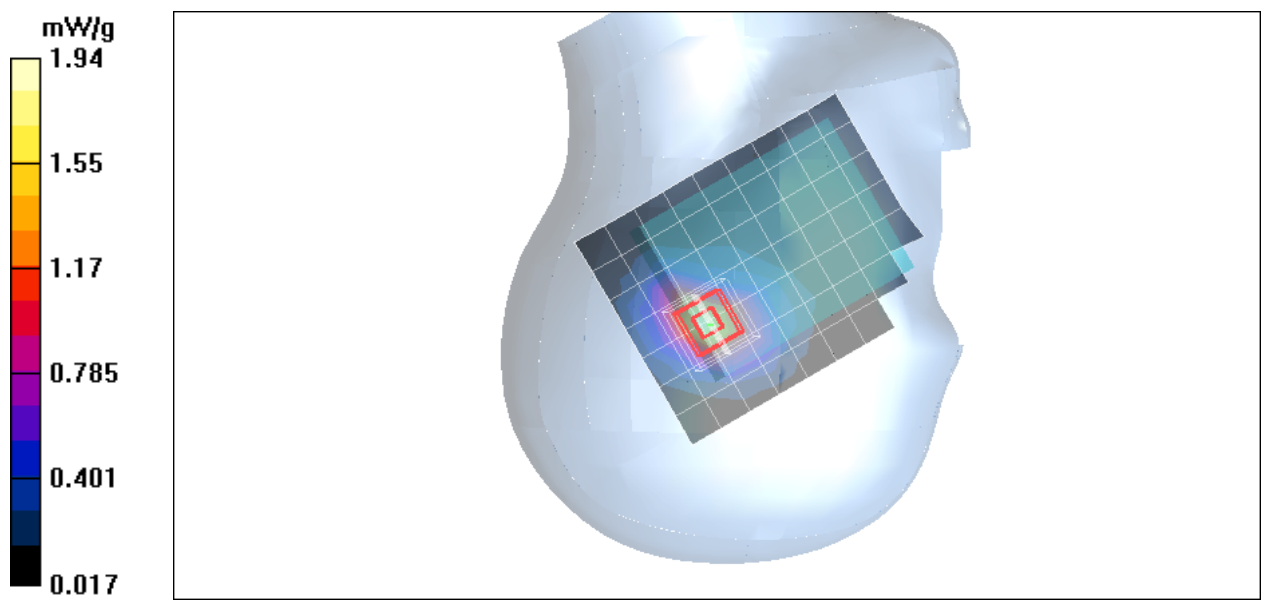
**SAR(1 g) = 1.440 mW/g; SAR(10 g) = 0.765 mW/g**

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

**Right Tilted High CH1175/Z Scan (1x1x21):** Measurement grid:  $dx=20$ mm,

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

Maximum value of SAR (measured) = 0.710 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **CDMA PCS Right Head LIBR100 slide**

**DUT: LIBR100; Type: Cell 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;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

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

DASY4 Configuration:

- Probe: EX3DV3 - SN3531; ConvF(8.52, 8.52, 8.52);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 8/23/2006
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

### **co-Location Bt+Right Tilted High CH1175/Area Scan (8x9x1):**

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

Maximum value of SAR (measured) = 2.04 mW/g

### **co-Location Bt+Right Tilted High CH1175/Zoom Scan**

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

Reference Value = 28.1 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 2.65 W/kg

**SAR(1 g) = 1.490 mW/g; SAR(10 g) = 0.790 mW/g**

Maximum value of SAR (measured) = 1.99 mW/g

### **co-Location Bt+Right Tilted High CH1175/Z Scan (1x1x21):**

Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.774 mW/g

