

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;  $\sigma = 0.881$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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) = 2.71 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 = -0.002 dB

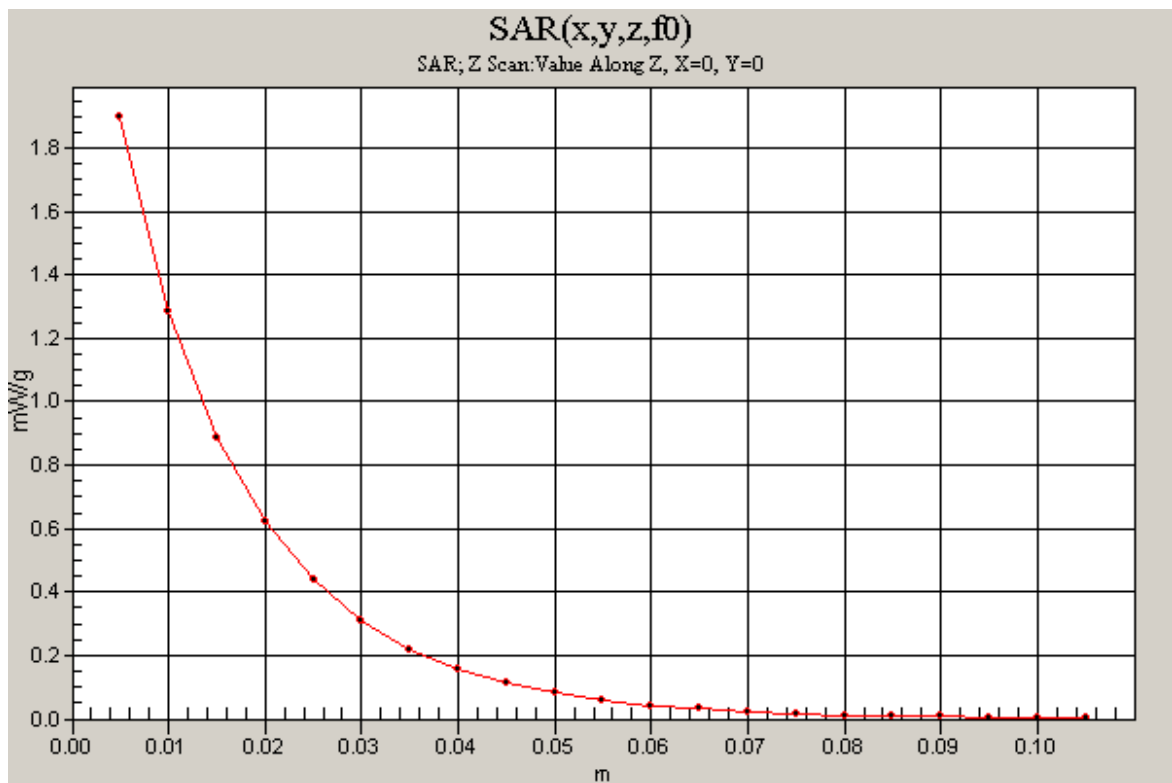
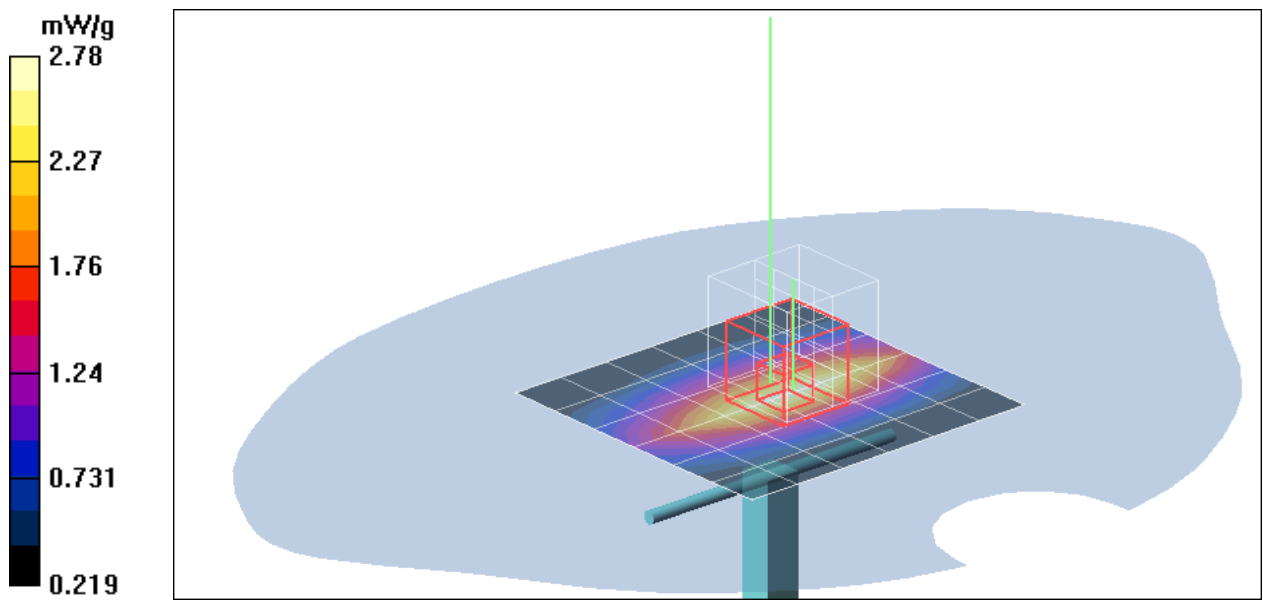
Peak SAR (extrapolated) = 3.47 W/kg

**SAR(1 g) = 2.26 mW/g; SAR(10 g) = 1.46 mW/g**

Maximum value of SAR (measured) = 2.78 mW/g

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

Maximum value of SAR (measured) = 1.90 mW/g



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## **D835V2-SN 4d015-Body**

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

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

Medium parameters used (interpolated):  $f = 835 \text{ MHz}$ ;  $\sigma = 0.951 \text{ mho/m}$ ;  $\epsilon_r = 55.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Air Temperature: 24.8 deg C; Liquid Temperature: 23.8 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) = 3.02 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

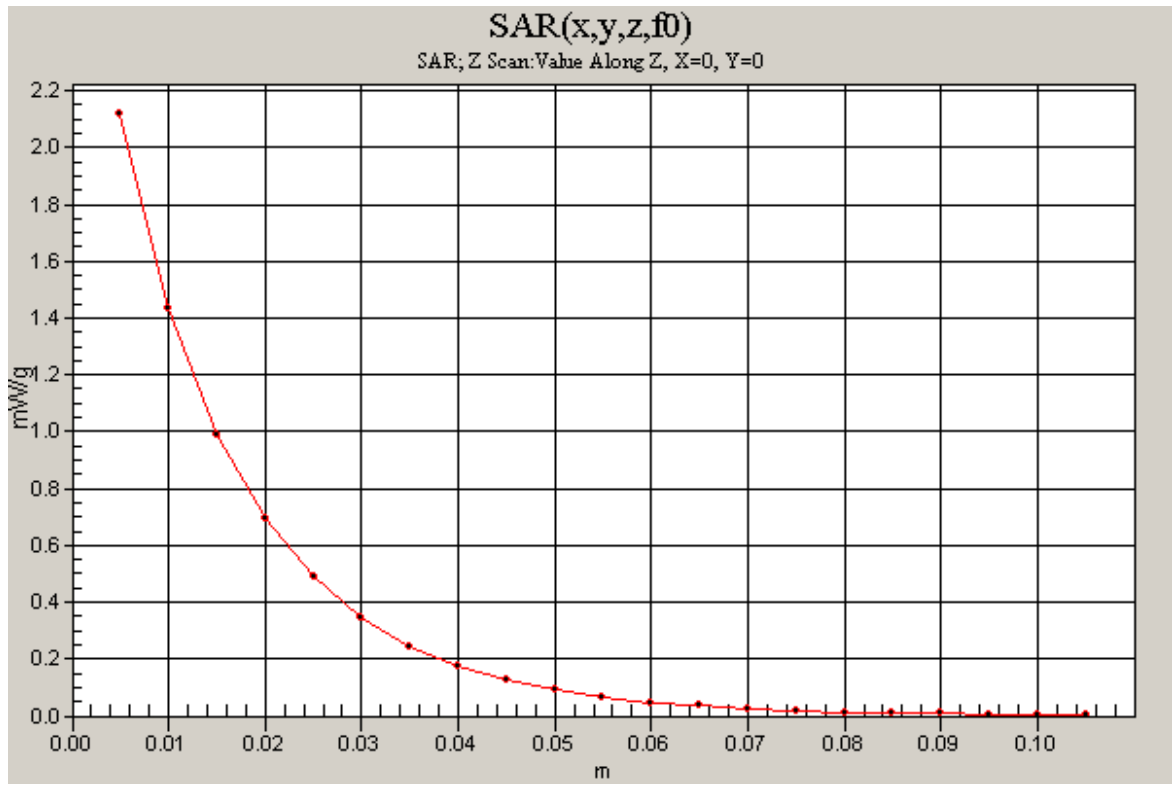
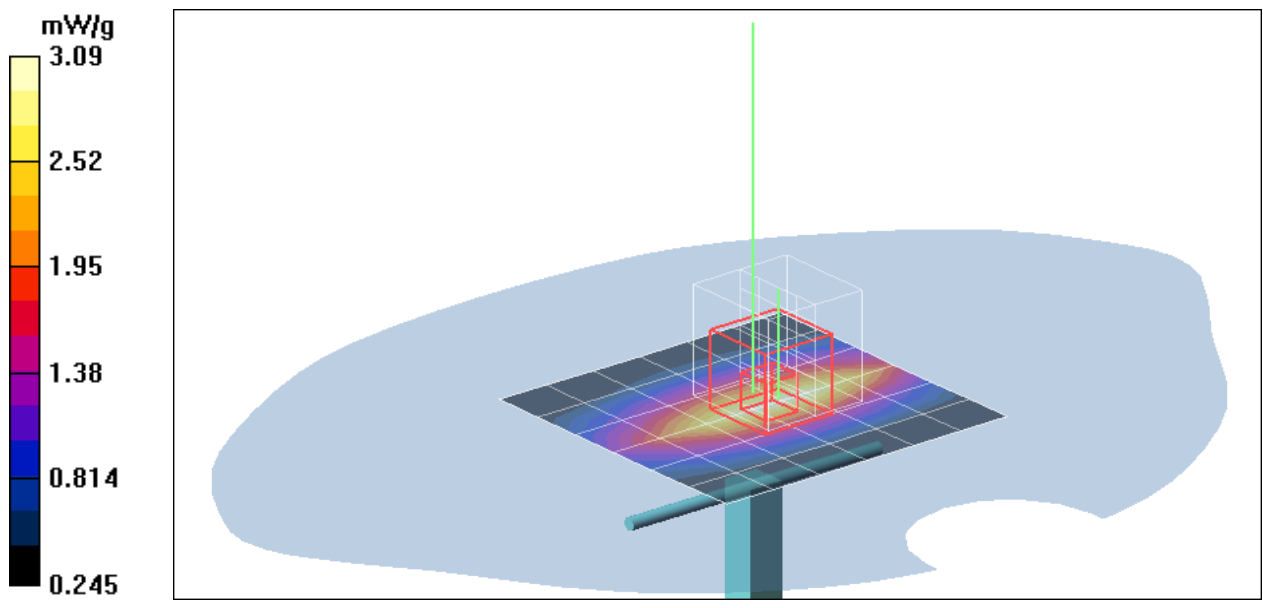
Peak SAR (extrapolated) = 3.85 W/kg

**SAR(1 g) = 2.52 mW/g; SAR(10 g) = 1.63 mW/g**

Maximum value of SAR (measured) = 3.09 mW/g

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

Maximum value of SAR (measured) = 2.12 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;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - SN3552; ConvF(7.67, 7.67, 7.67);
- 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) = 9.08 mW/g

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

Reference Value = 96.8 V/m; Power Drift = -0.026 dB

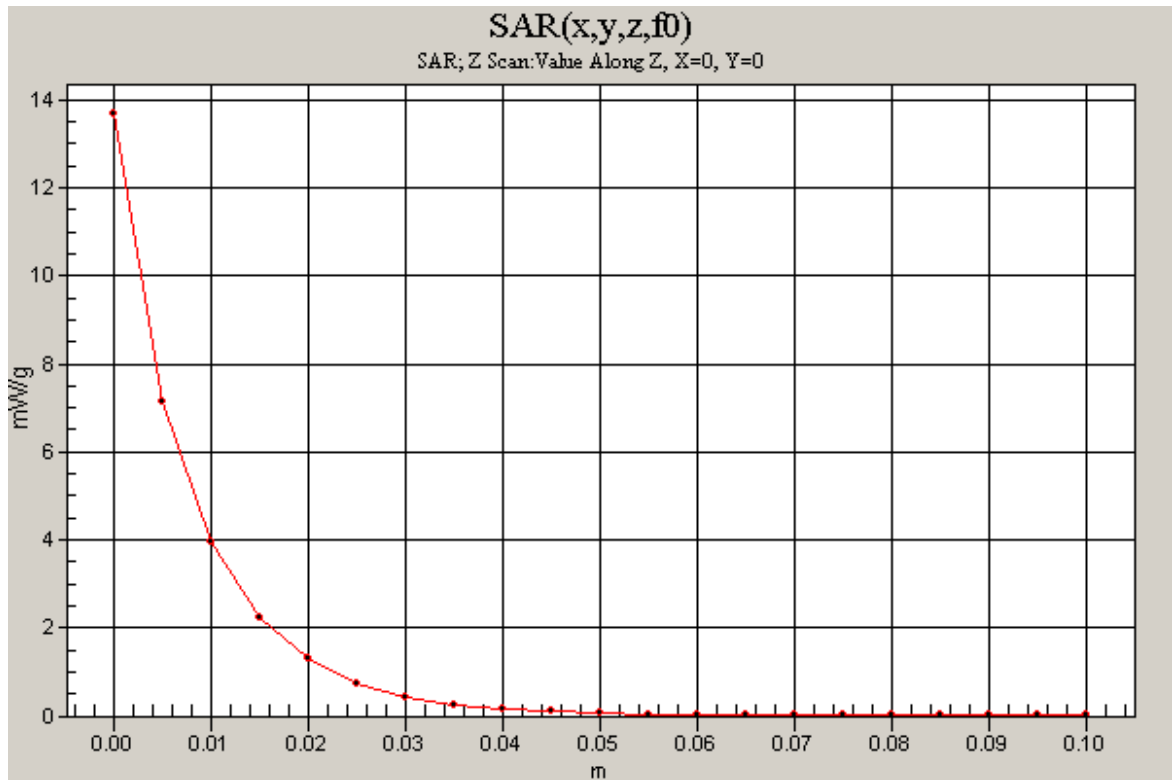
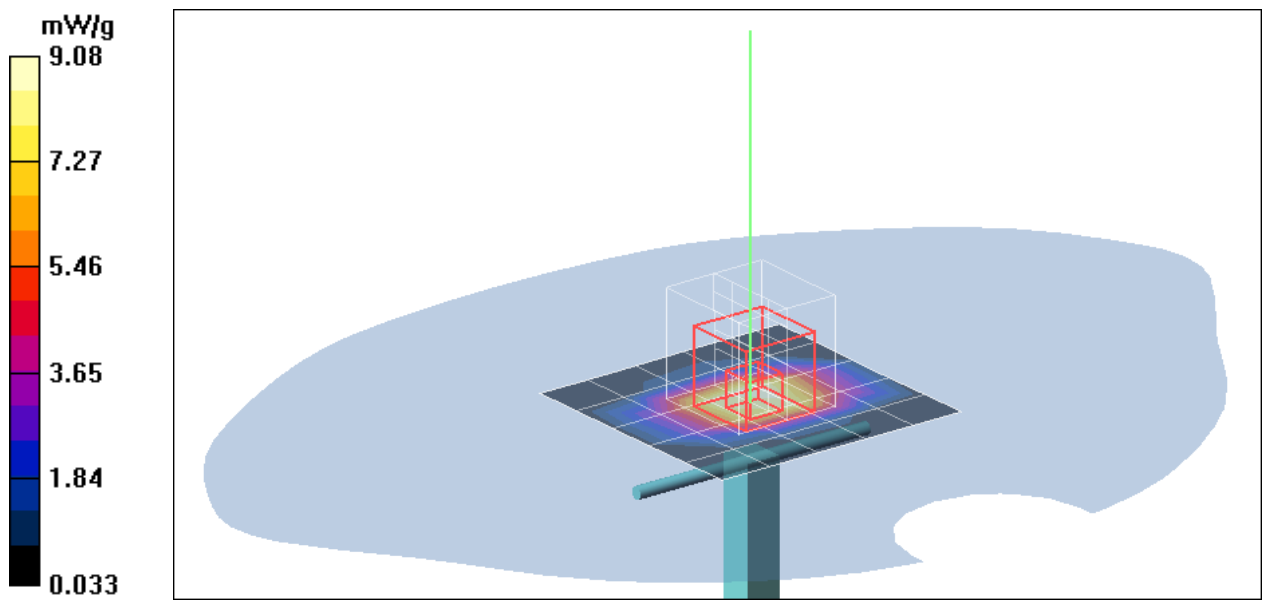
Peak SAR (extrapolated) = 18.0 W/kg

**SAR(1 g) = 9.55 mW/g; SAR(10 g) = 4.52 mW/g**

Maximum value of SAR (measured) = 13.2 mW/g

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

Maximum value of SAR (measured) = 13.7 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;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.8 deg C; Liquid Temperature: 23.8 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)
- 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) = 8.24 mW/g

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

Reference Value = 94.1 V/m; Power Drift = -0.001 dB

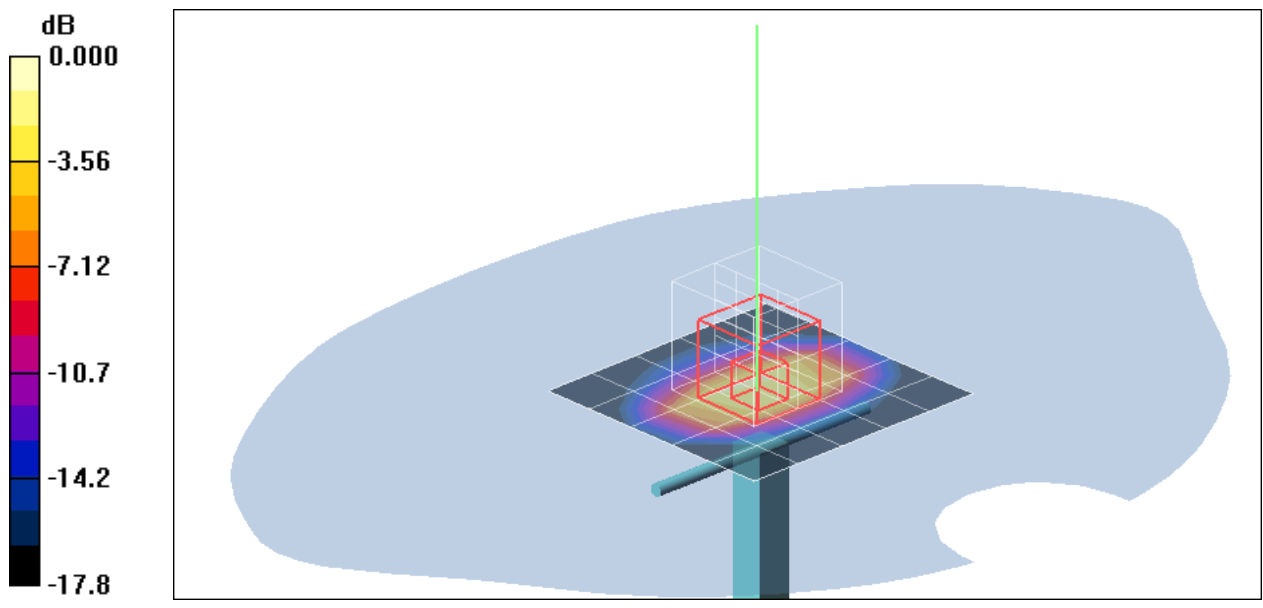
Peak SAR (extrapolated) = 16.1 W/kg

**SAR(1 g) = 9.28 mW/g; SAR(10 g) = 4.78 mW/g**

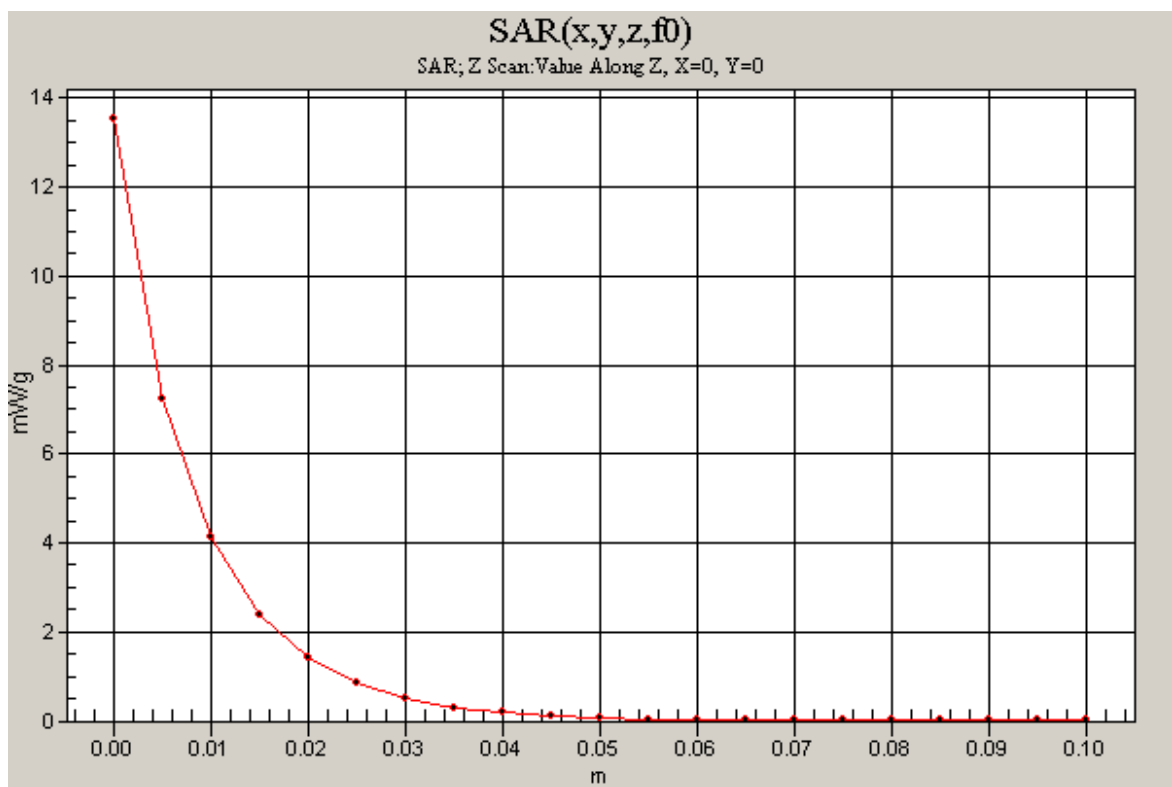
Maximum value of SAR (measured) = 12.5 mW/g

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

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



0 dB = 13.5mW/g





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## **GSM 835 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.871$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH128/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.199 mW/g

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

Reference Value = 6.18 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.139 mW/g**

Maximum value of SAR (measured) = 0.197 mW/g

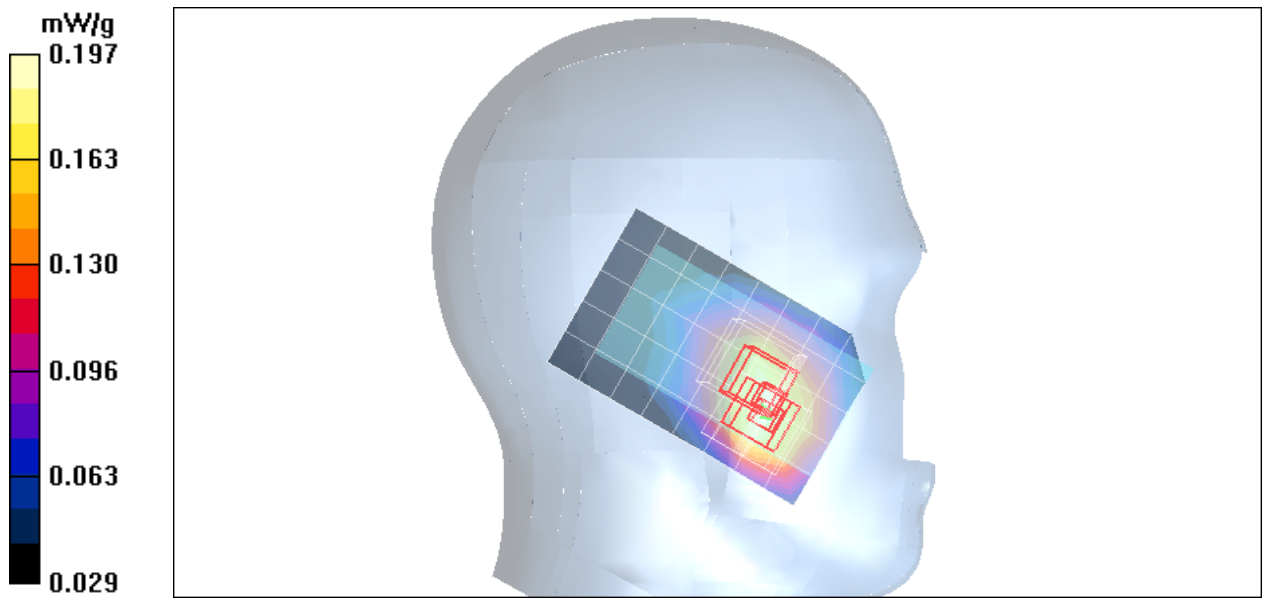
**Left Cheek Low CH128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.18 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 0.188 mW/g



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## **GSM 835 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.871$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH190/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.265 mW/g

**Left Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0:** Measurement

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

Reference Value = 7.57 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.300 W/kg

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.274 mW/g

**Left Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 1:** Measurement

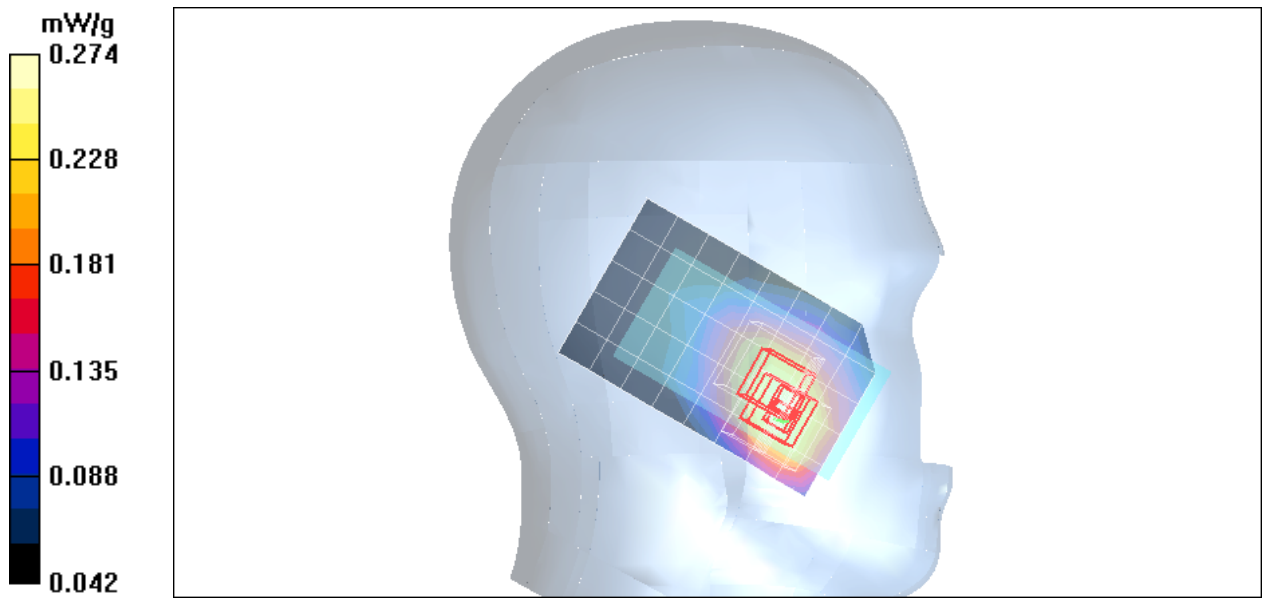
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 7.57 V/m; Power Drift = -0.100 dB

Peak SAR (extrapolated) = 0.224 W/kg

**SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.118 mW/g**

Maximum value of SAR (measured) = 0.188 mW/g



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## **GSM 835 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.893$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 High CH251/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.316 mW/g

**Left Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 8.11 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.335 W/kg

**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.231 mW/g**

Maximum value of SAR (measured) = 0.323 mW/g

**Left Cheek High CH251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

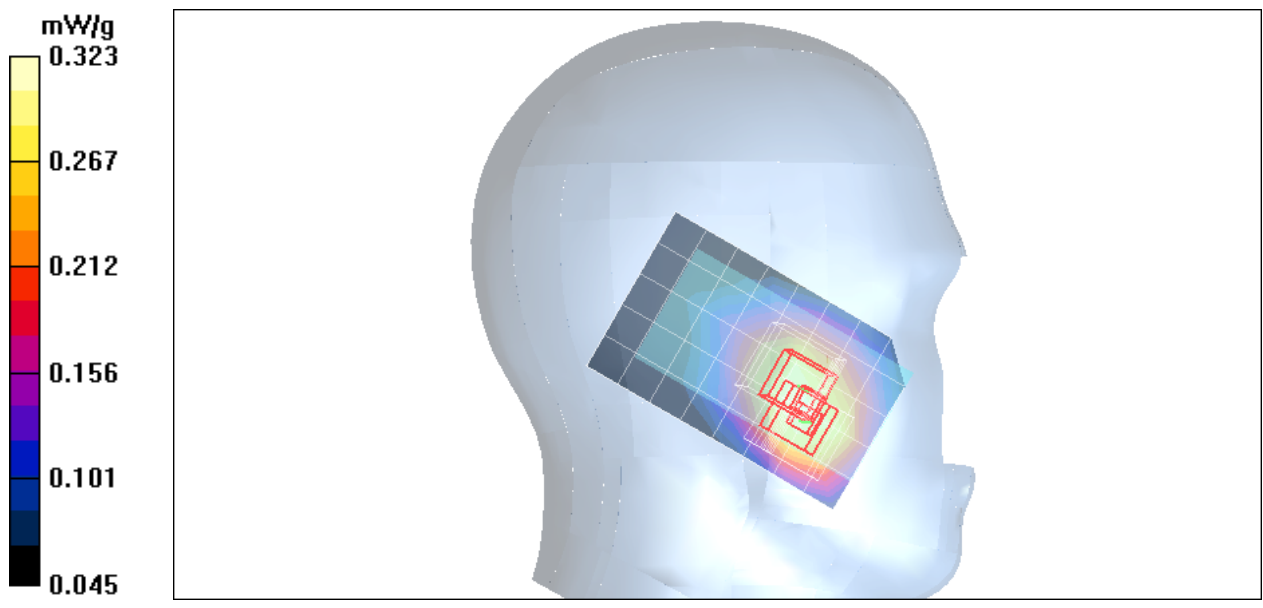
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 8.11 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.238 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.871$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH128/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.121 mW/g

**Left Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 9.83 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.132 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.129 mW/g

**Left Tilted Low CH128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:

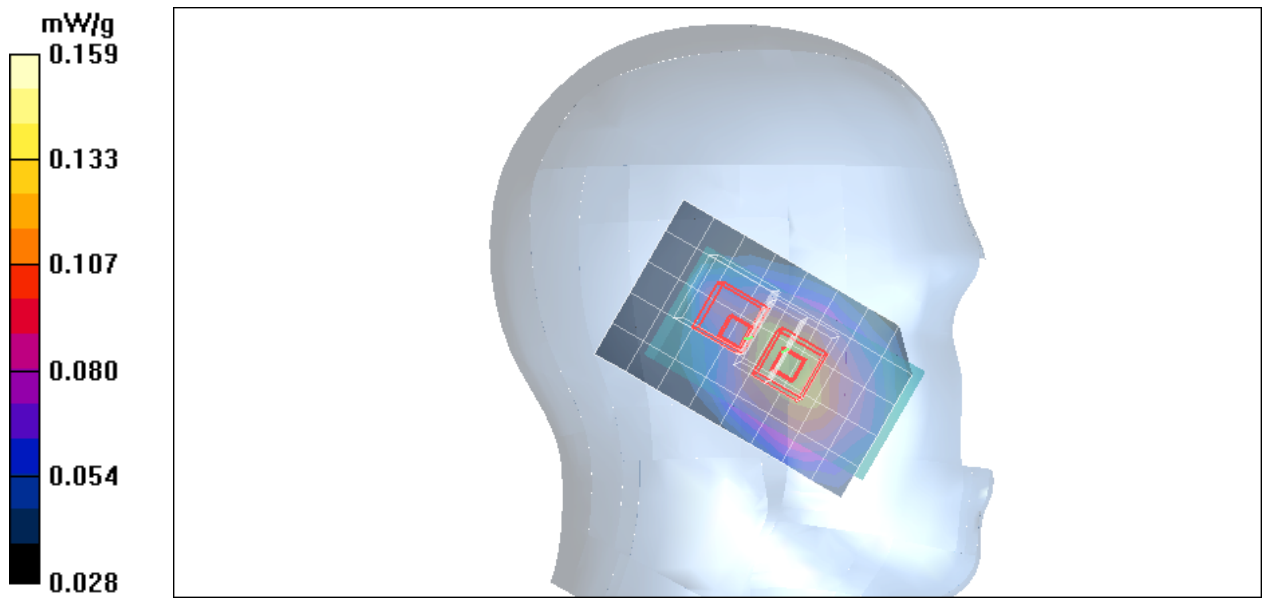
dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 9.83 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.098 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.882$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH190/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.177 mW/g

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

Reference Value = 10.7 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.178 W/kg

**SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.126 mW/g**

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

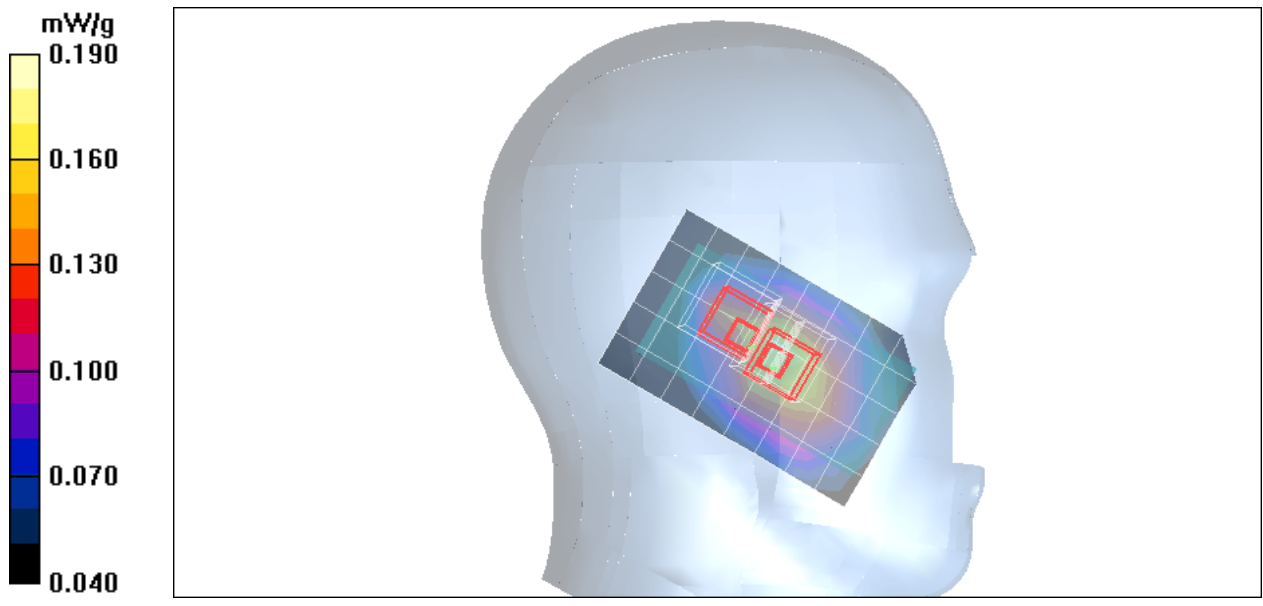
**Left Tilted Middle CH190/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.7 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.162 W/kg

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.154 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.893$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH251/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.220 mW/g

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

Reference Value = 11.4 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.227 mW/g

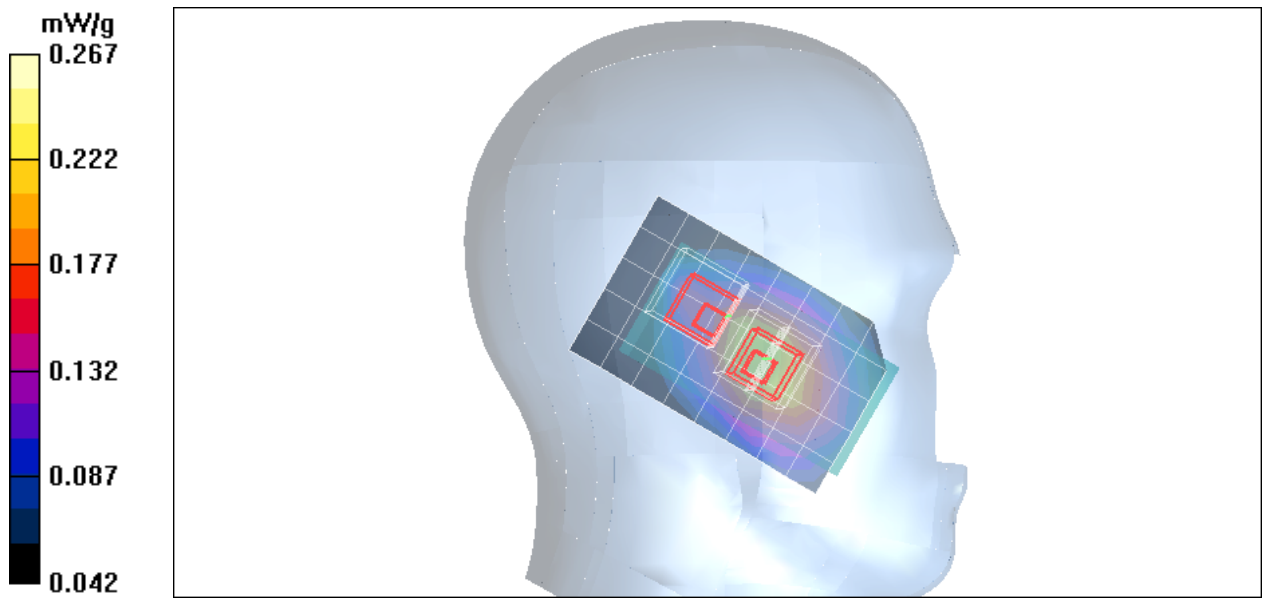
**Left Tilted High CH251/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.143 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.871$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH128/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.197 mW/g

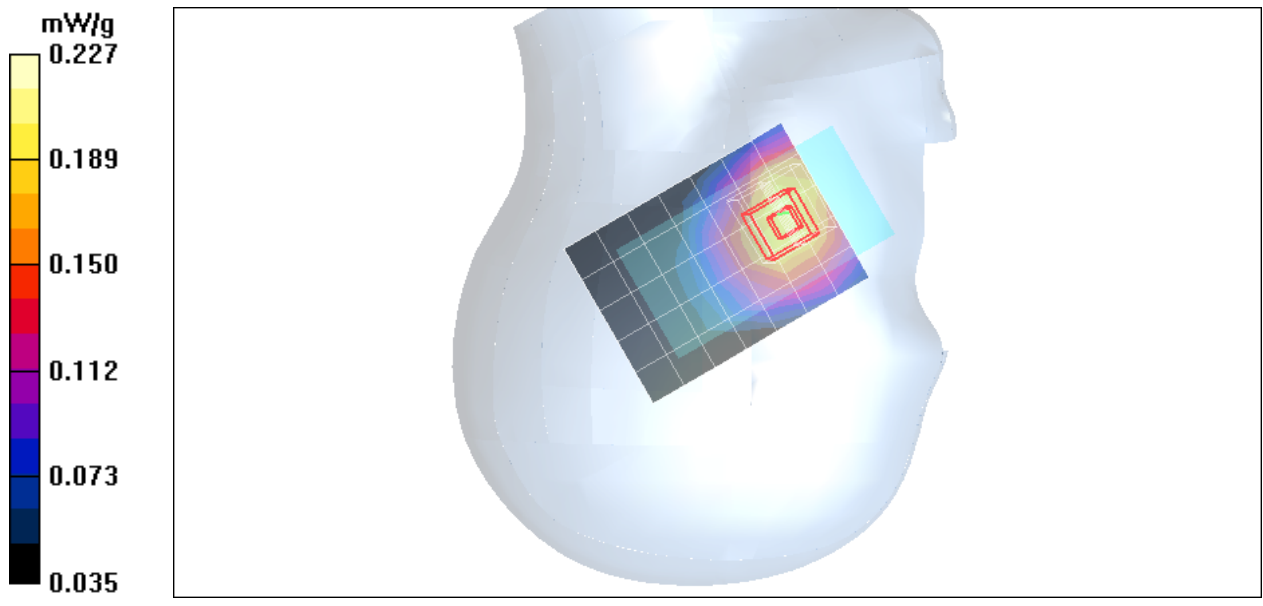
**Right Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.56 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.141 mW/g**

Maximum value of SAR (measured) = 0.197 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.882$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH190/Area Scan (6x8x1):** Measurement grid:

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

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

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

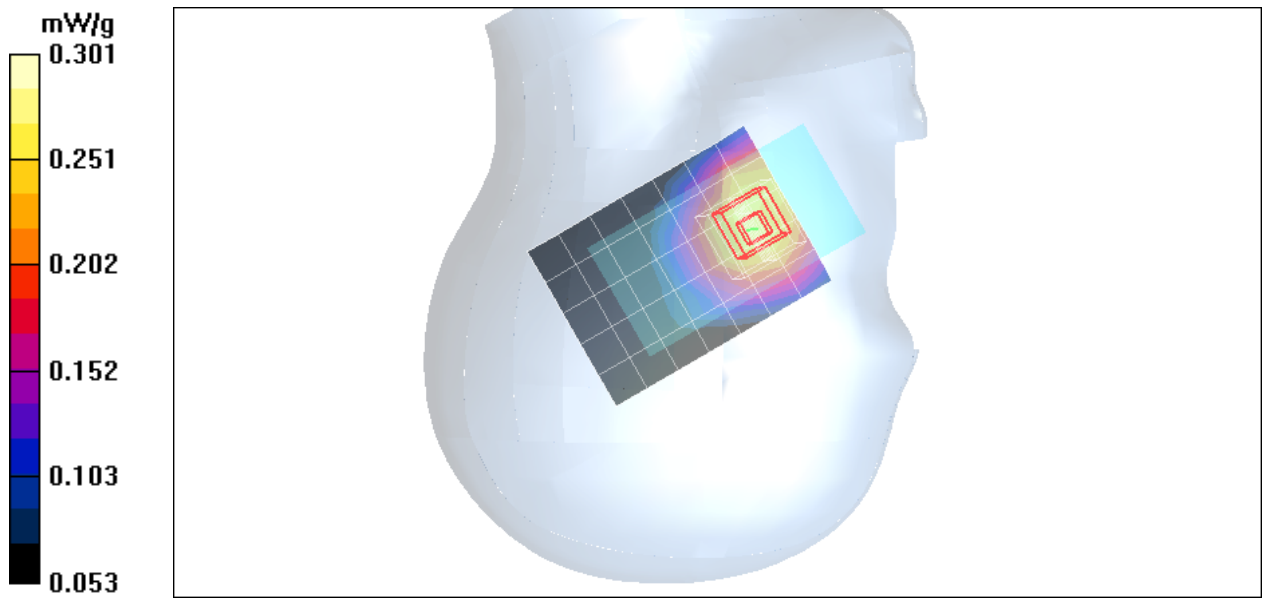
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 8.18 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.295 W/kg

**SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.192 mW/g**

Maximum value of SAR (measured) = 0.271 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.893$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH251/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.298 mW/g

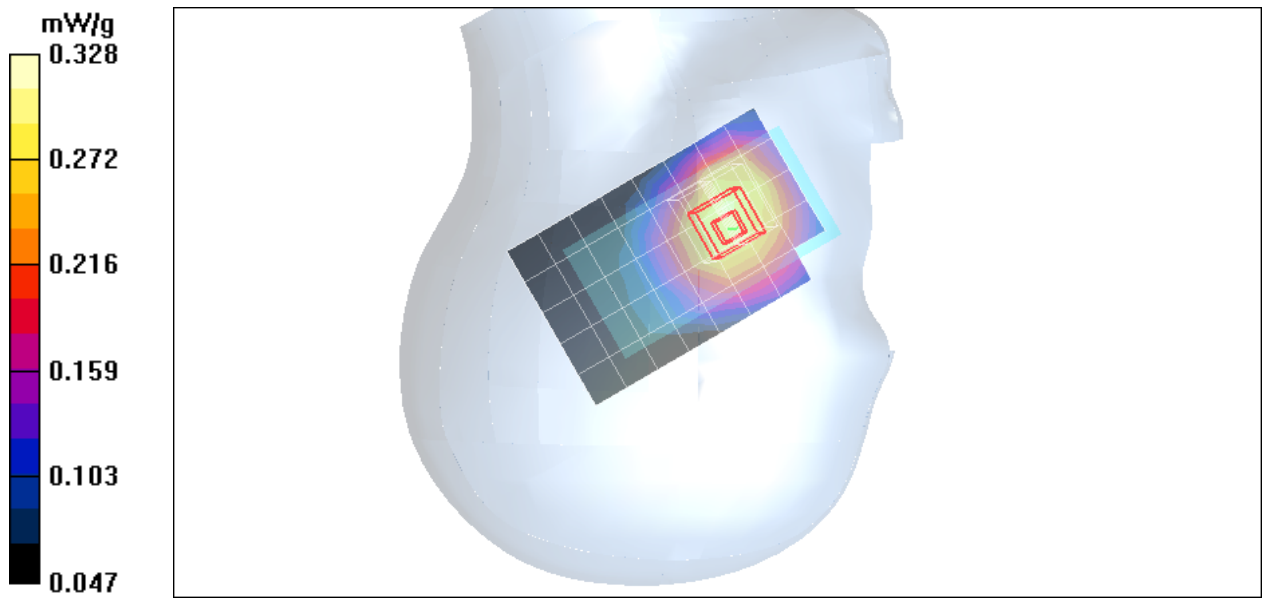
**Right Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.77 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.212 mW/g**

Maximum value of SAR (measured) = 0.298 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.871$  mho/m;  $\epsilon_r = 41.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH128/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.147 mW/g

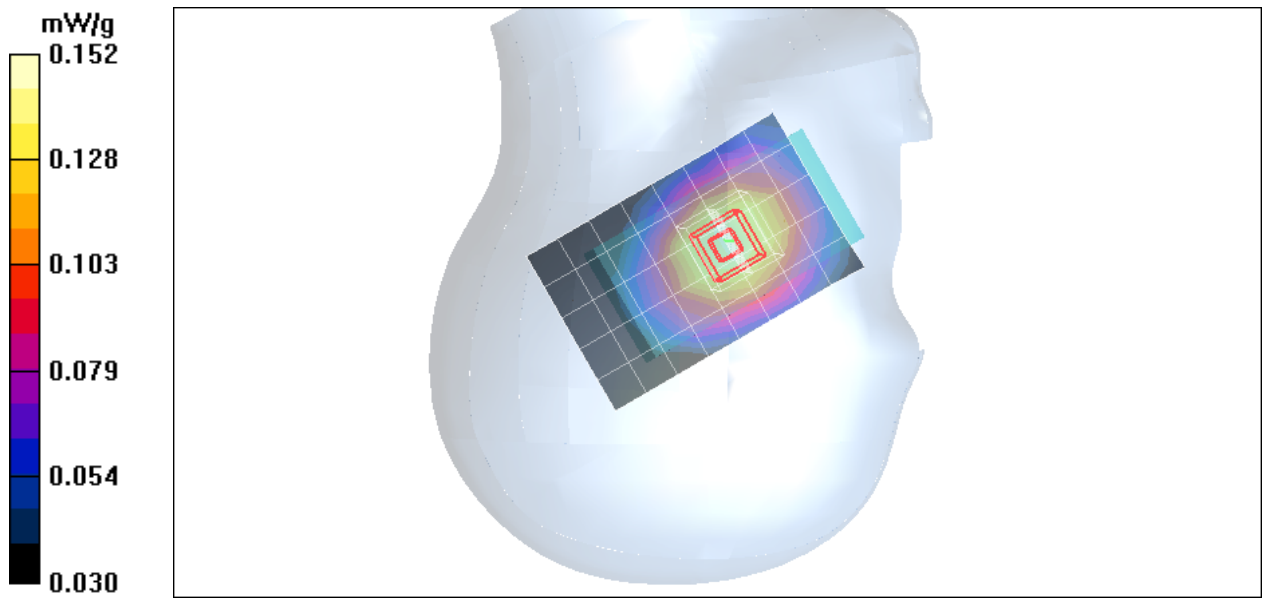
**Right Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.152 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.882$  mho/m;  $\epsilon_r = 41.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH190/Area Scan (6x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.197 mW/g

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

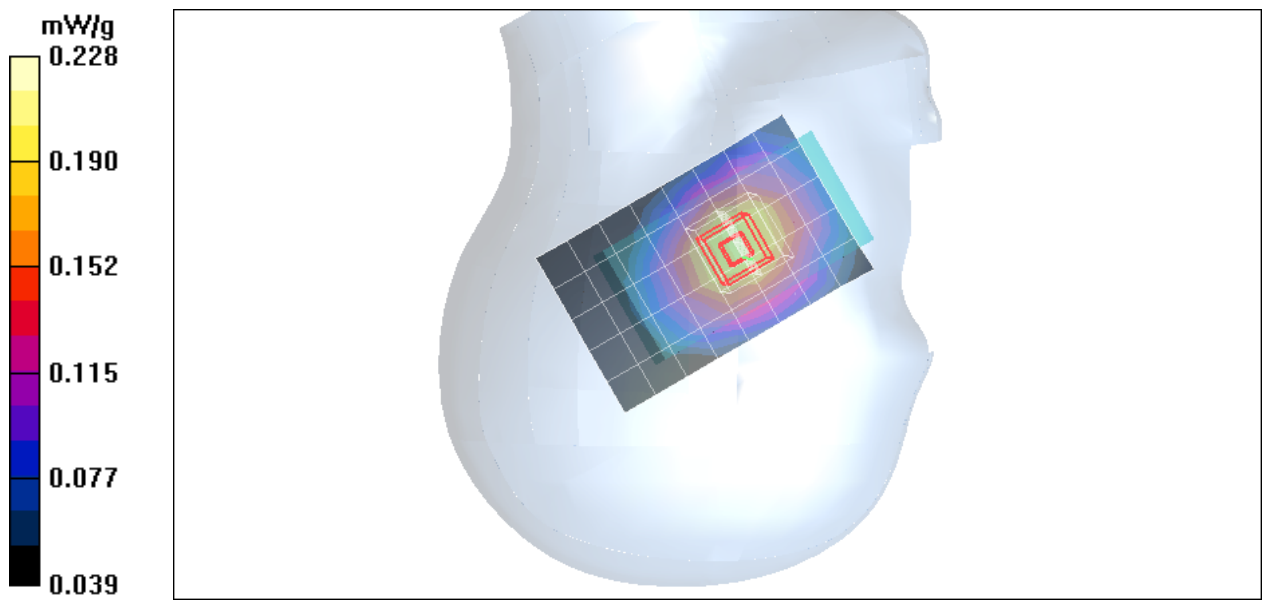
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 12.2 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.210 W/kg

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.198 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 835 -Right Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.893$  mho/m;  $\epsilon_r = 41$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(9.45, 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 CH251/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.216 mW/g

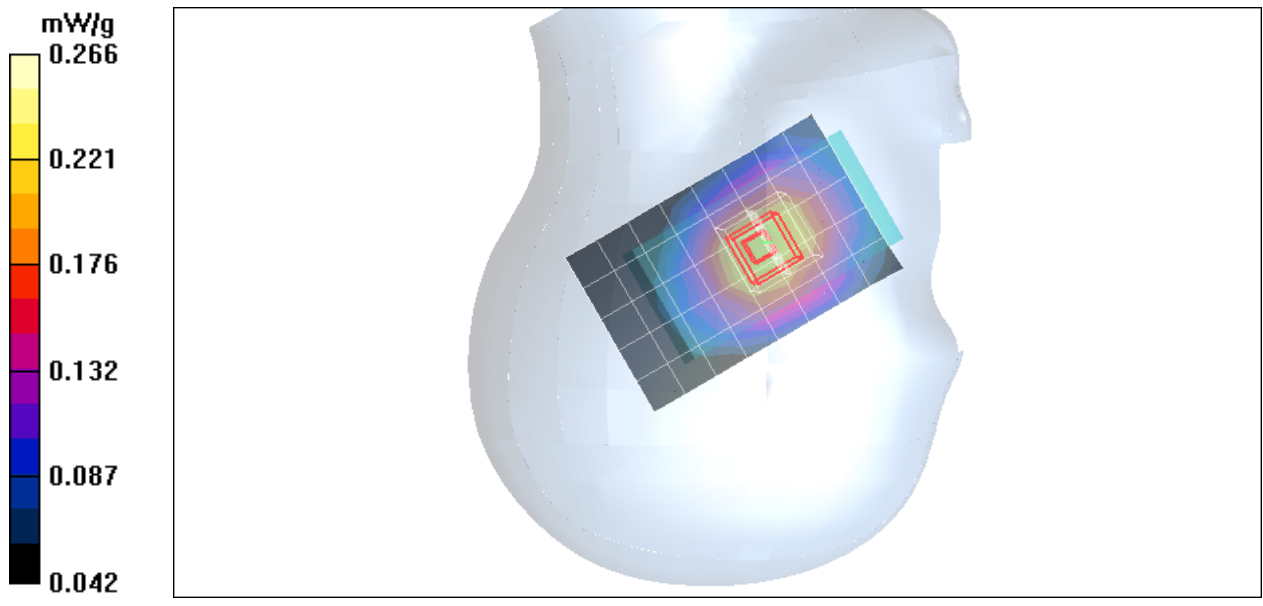
**Right Tilted High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = -0.069 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.163 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **GSM 1900 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - 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 CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

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

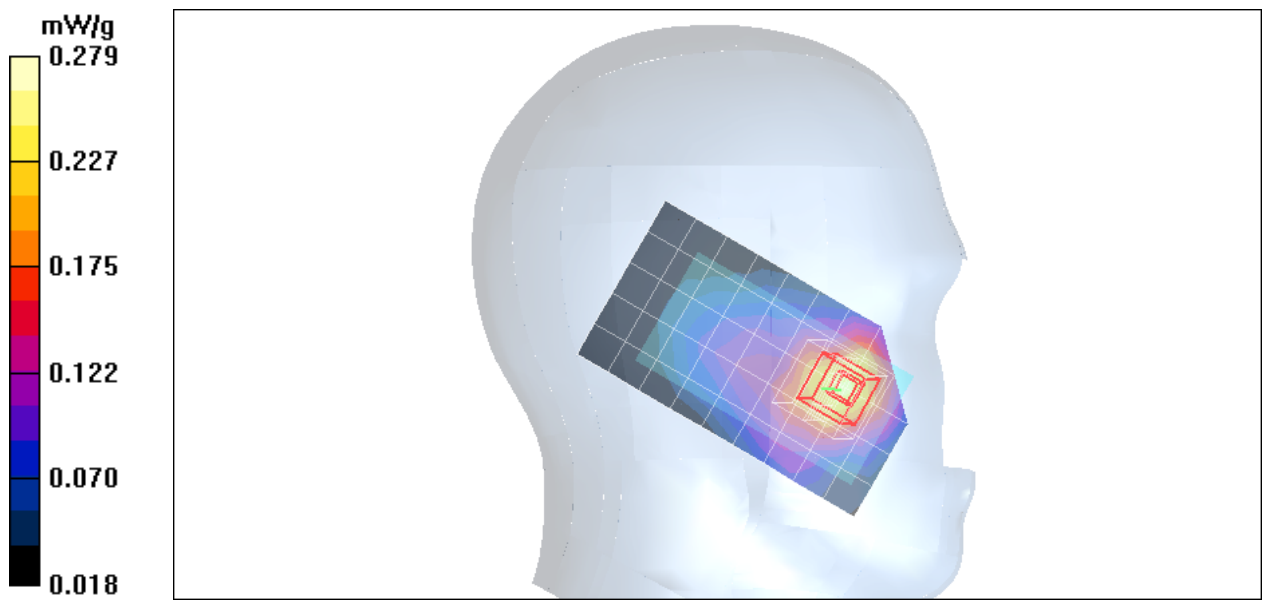
**Left Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.20 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.149 mW/g**

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



Test Laboratory: Compliance Certification Services Inc.

## **GSM 1900 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - 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 CH661/Area Scan (7x9x1):** Measurement grid:

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

Maximum value of SAR (measured) = 0.237 mW/g

**Left Cheek Middle CH661/Zoom Scan (5x5x7)/Cube 0:** Measurement

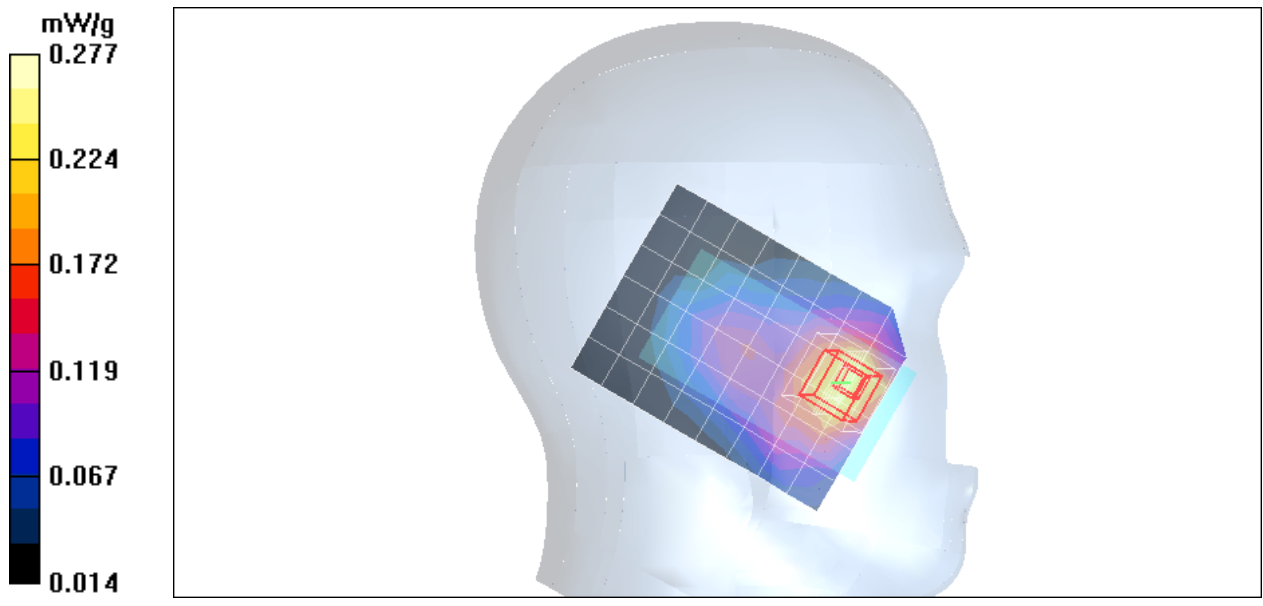
grid:  $dx=7.5$ mm,  $dy=7.5$ mm,  $dz=5$ mm

Reference Value = 7.13 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.329 W/kg

**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.277 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 1900 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 38.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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

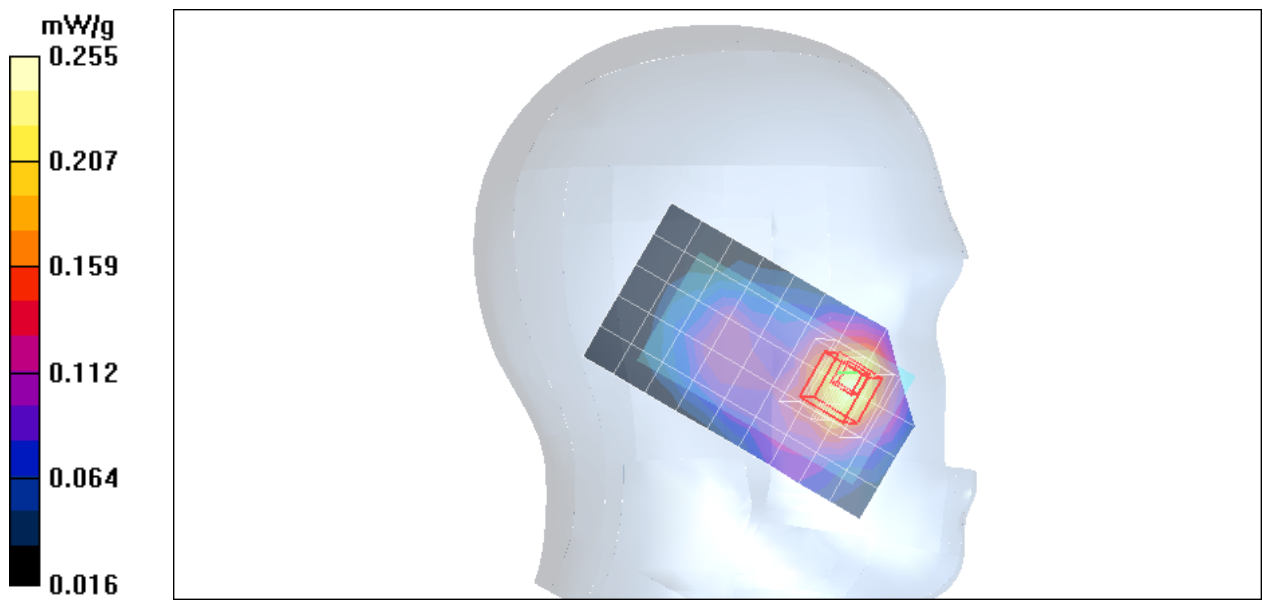
**Left Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.72 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.259 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.235 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 1900 -Left Head CONV100 close**

**DUT: CONV100; Type: Smart Phone; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 - 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 CH512/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.134 mW/g

**Left Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

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

Reference Value = 10.2 V/m; Power Drift = -0.027 dB

Peak SAR (extrapolated) = 0.167 W/kg

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.143 mW/g

