



# Compliance Certification Services Inc.

Report No: C130703R01-SF-R2

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Date of Issue :July 30, 2013

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Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 850-Right Head Cheek High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 41.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.03, 9.03, 9.03); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Right Head Cheek High CH251/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.102 W/kg

**GSM850/Right Head Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:**

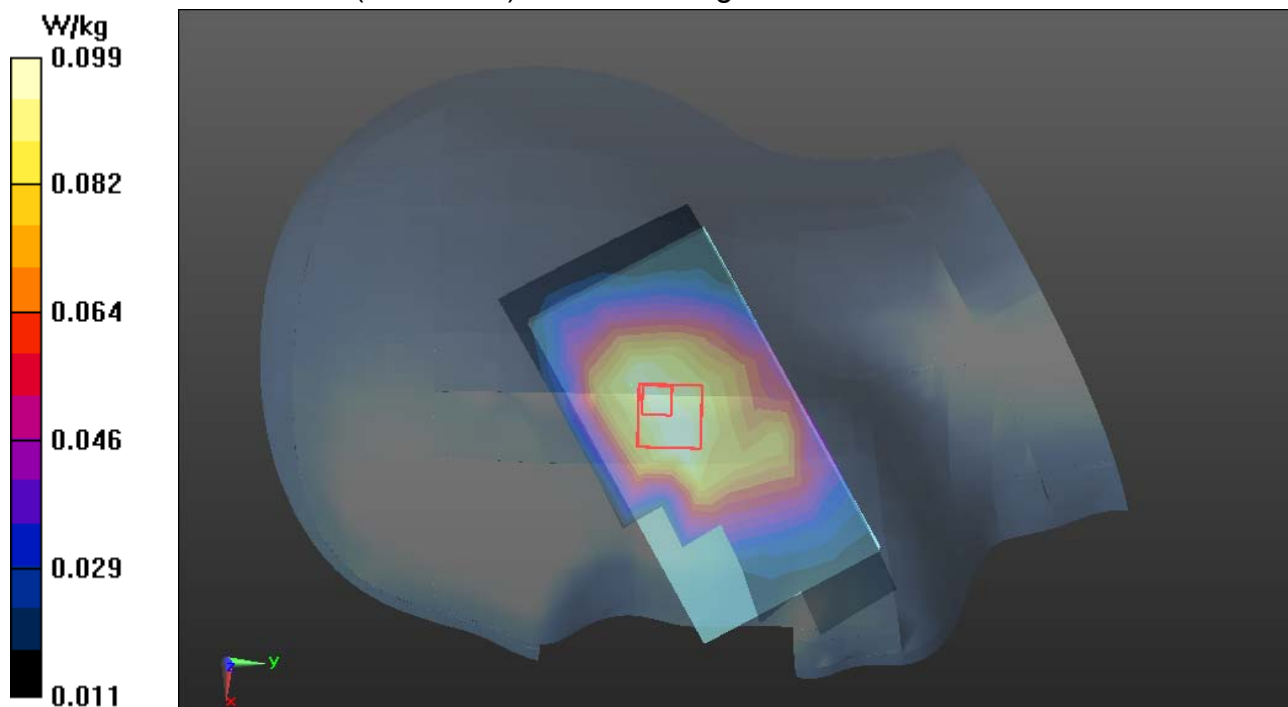
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.893 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.074 W/kg**

Maximum value of SAR (measured) = 0.0992 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 850-Right Head Tilted High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 41.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.03, 9.03, 9.03); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Right Head Tilted High CH251/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0927 W/kg

**GSM850/Right Head Tilted High CH251/Zoom Scan (5x5x7)/Cube 0:**

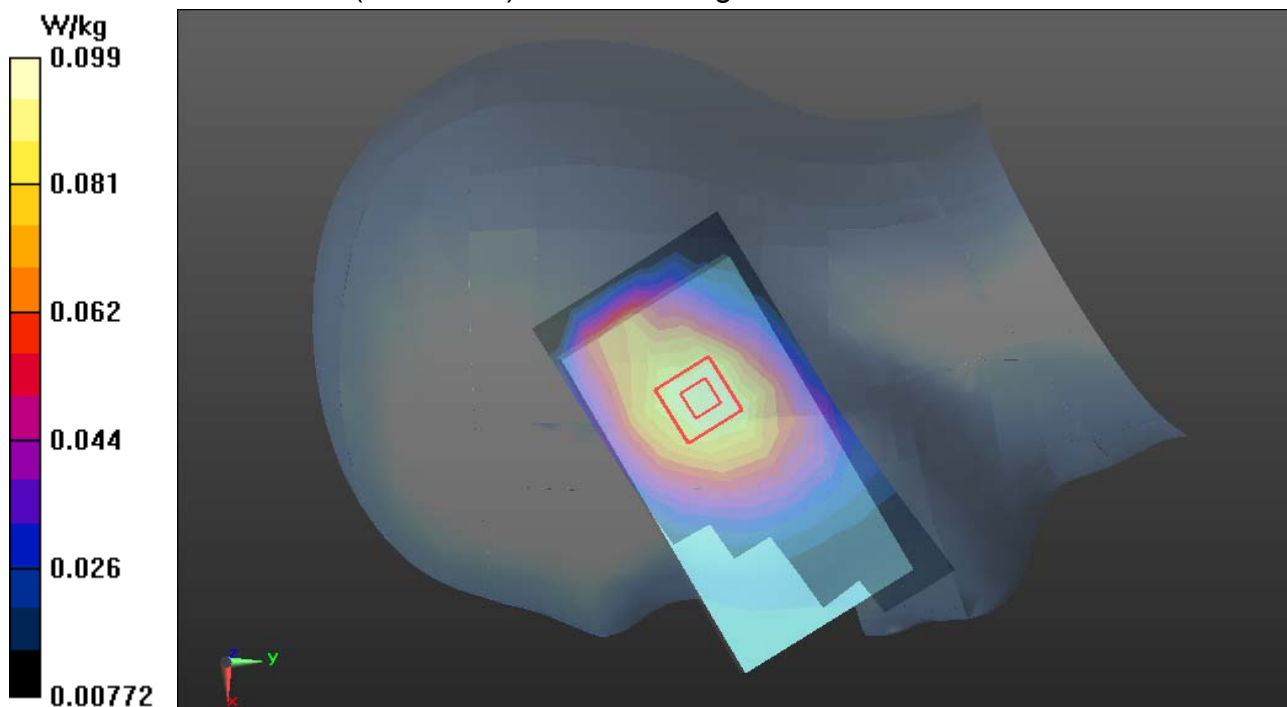
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.239 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.0988 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 850-Left Head Cheek High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 41.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.03, 9.03, 9.03); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Left Head Cheek High CH251/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.115 W/kg

**GSM850/Left Head Cheek High CH251/Zoom Scan (7x8x7)/Cube 0:**

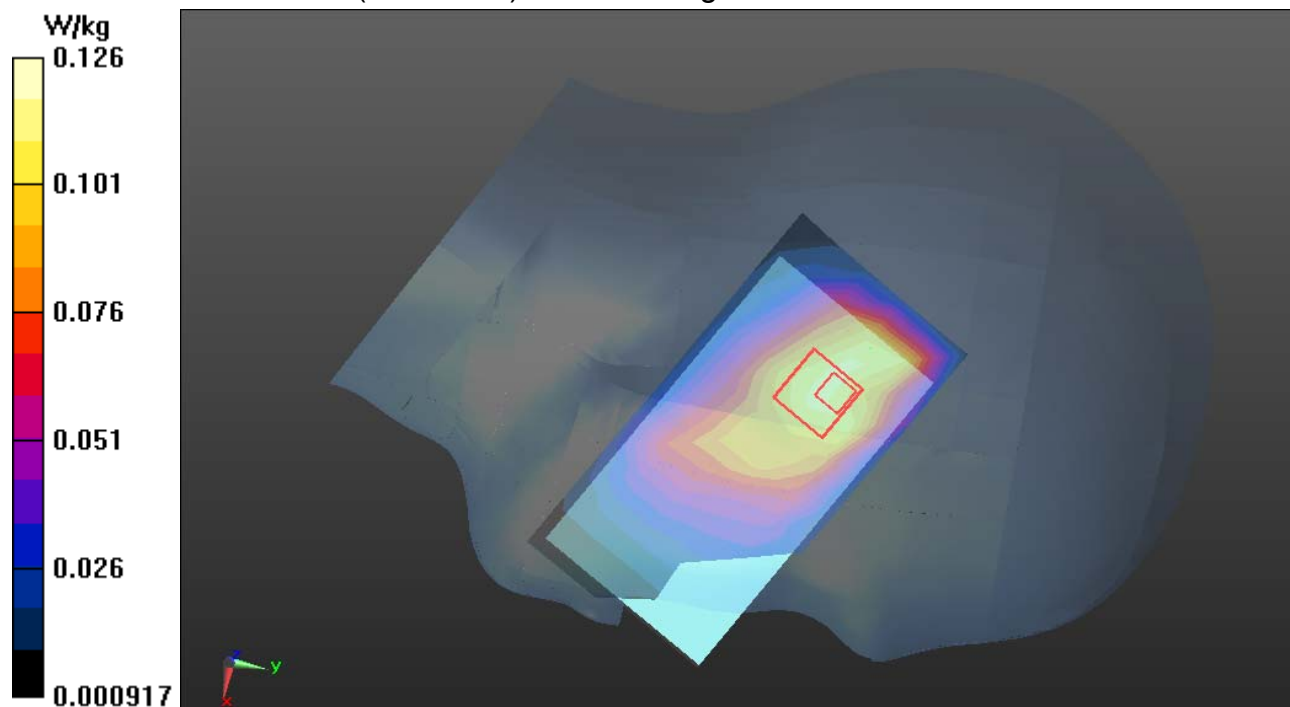
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.653 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.165 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.079 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 850-Left Head Tilted High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.925$  S/m;  $\epsilon_r = 41.136$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.03, 9.03, 9.03); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Left Head Tilted High CH251/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.102 W/kg

**GSM850/Left Head Tilted High CH251/Zoom Scan (6x7x7)/Cube 0:**

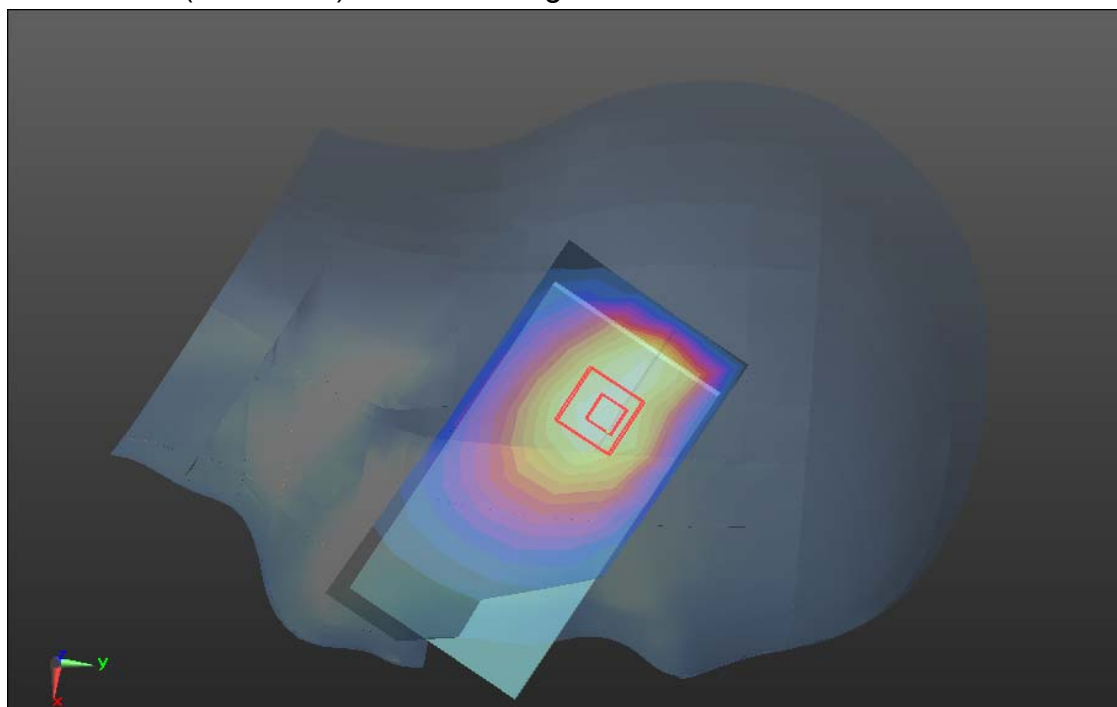
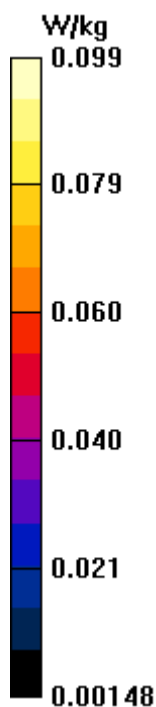
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.836 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.133 W/kg

**SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.067 W/kg**

Maximum value of SAR (measured) = 0.0987 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 1900-Right Head Cheek High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.451$  S/m;  $\epsilon_r = 40.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.64, 7.64, 7.64); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Right Head Cheek High CH810/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0359 W/kg

**GSM/Right Head Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:**

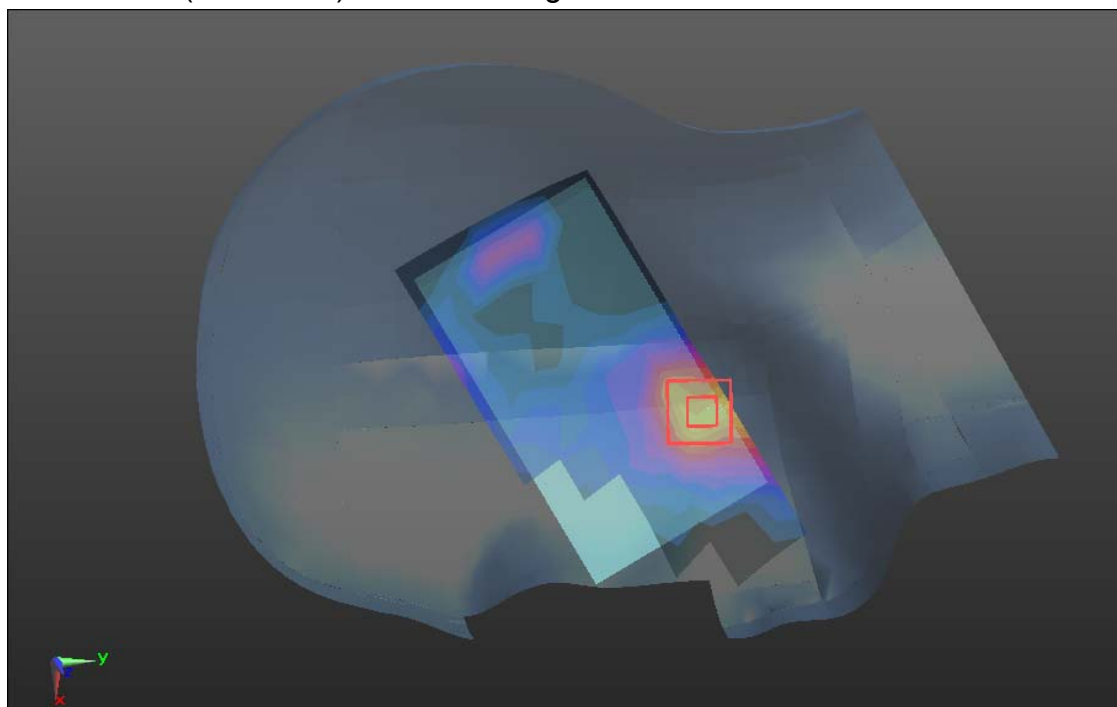
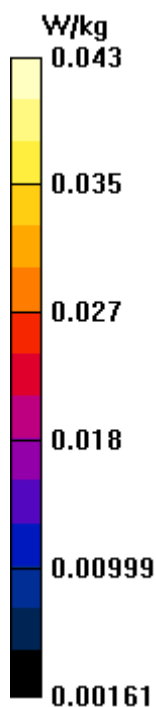
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.357 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0550 W/kg

**SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.019 W/kg**

Maximum value of SAR (measured) = 0.0435 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 1900-Right Head Tilted High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.451$  S/m;  $\epsilon_r = 40.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.64, 7.64, 7.64); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Right Head Tilted High CH810/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0146 W/kg

**GSM/Right Head Tilted High CH810/Zoom Scan (6x6x7)/Cube 0:** Measurement

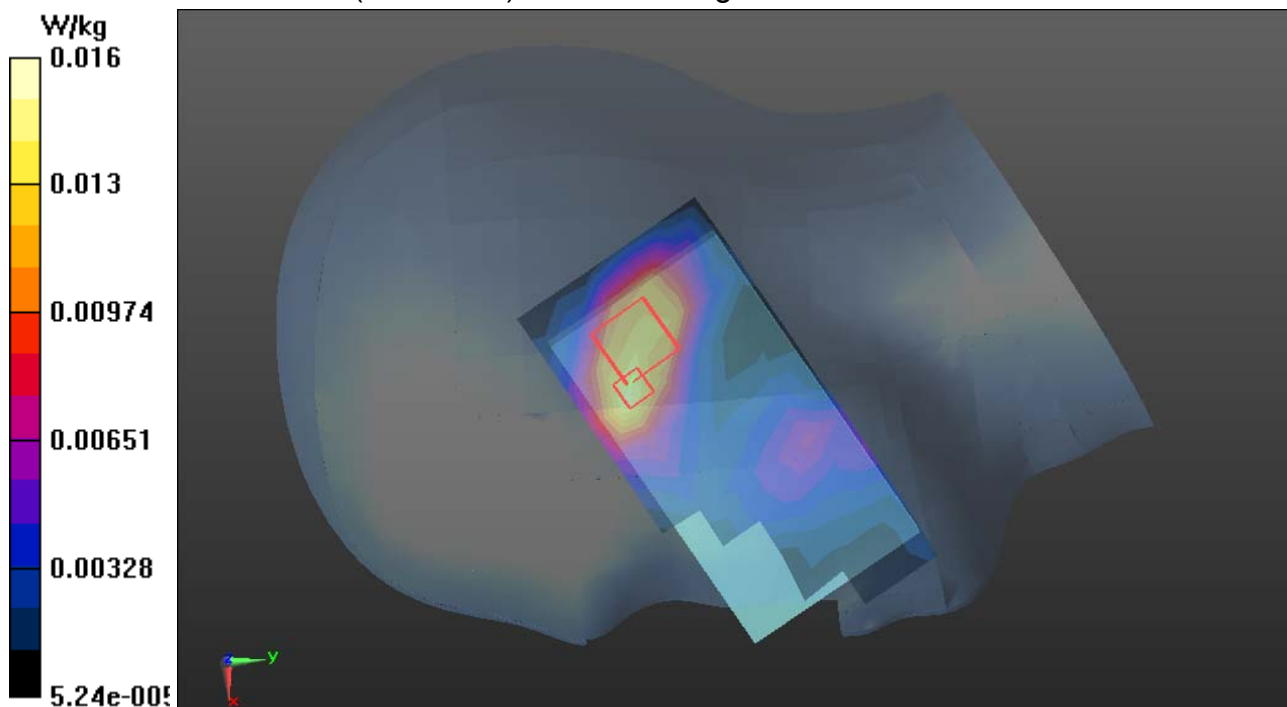
grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.303 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0190 W/kg

**SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00733 W/kg**

Maximum value of SAR (measured) = 0.0162 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

## **GSM 1900-Left Head Cheek High CH810**

**DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.451$  S/m;  $\epsilon_r = 40.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.64, 7.64, 7.64); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

## **GSM850/Left Head Cheek High CH810/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0288 W/kg

## **GSM850/Left Head Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:**

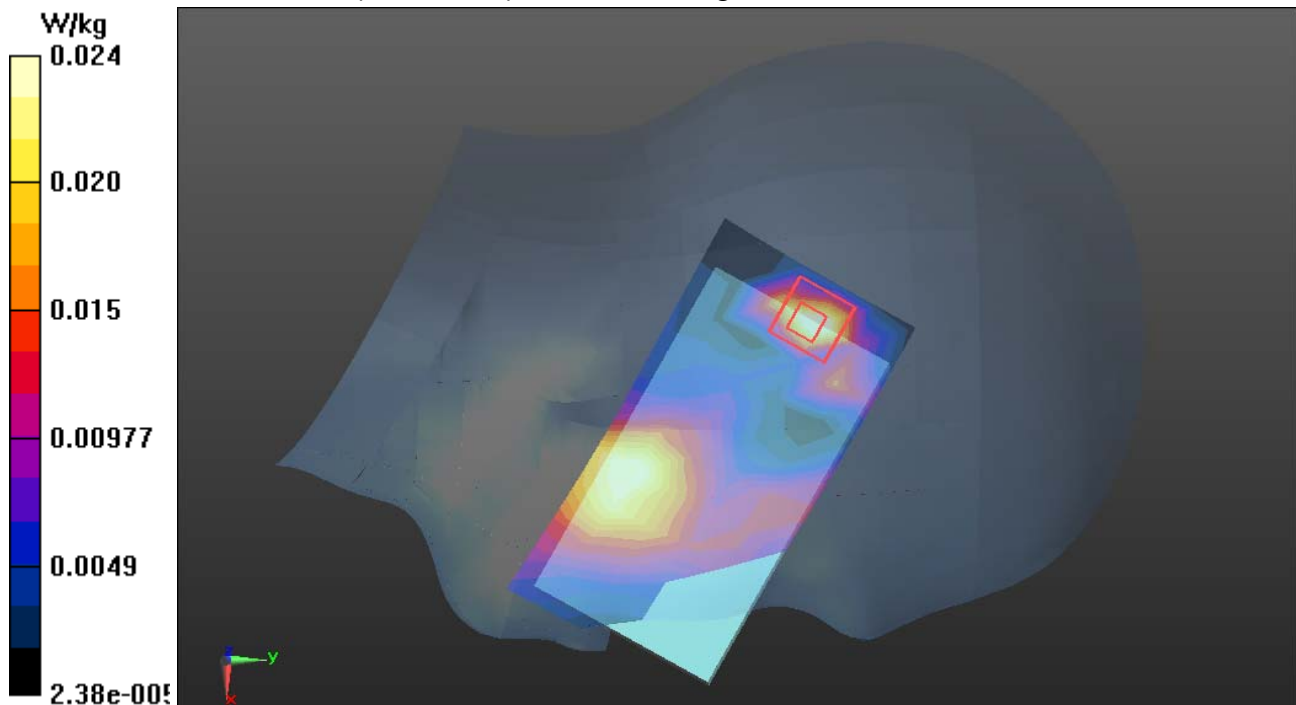
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.965 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0440 W/kg

**SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.00906 W/kg**

Maximum value of SAR (measured) = 0.0244 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM 1900-Left Head Tilted High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.451$  S/m;  $\epsilon_r = 40.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.64, 7.64, 7.64); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Left Head Tilted High CH810/Area Scan (6x11x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0348 W/kg

**GSM850/Left Head Tilted High CH810/Zoom Scan (5x5x7)/Cube 0:**

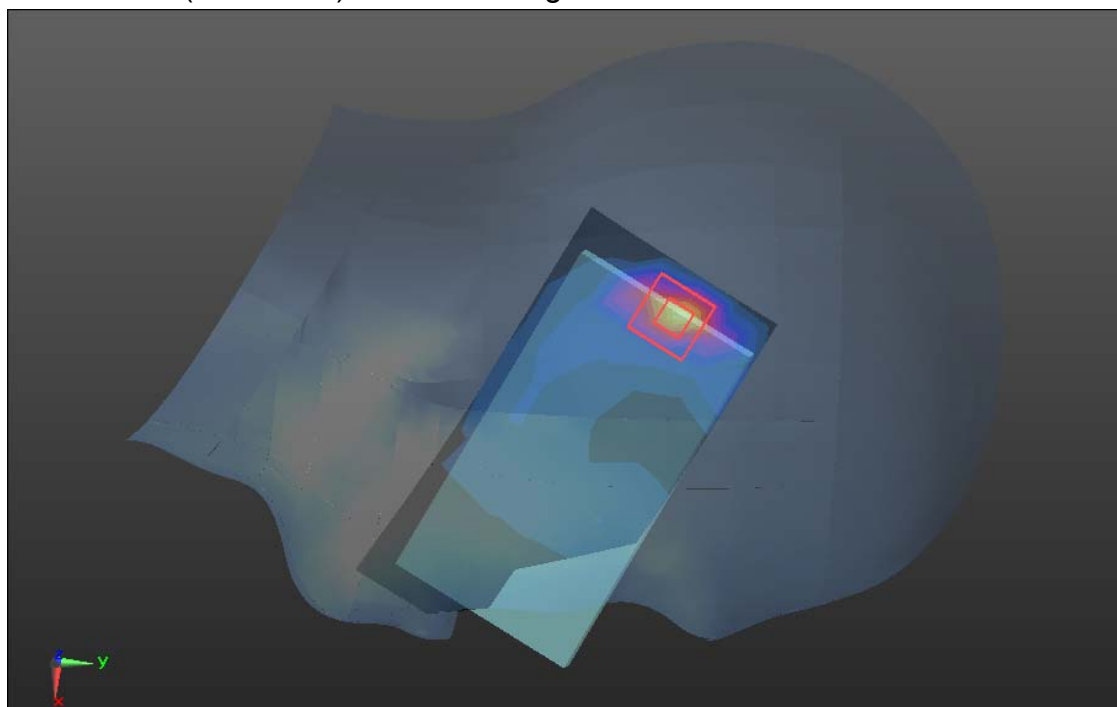
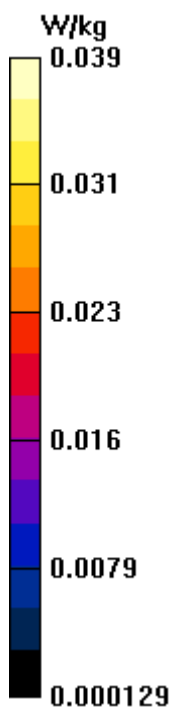
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.464 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0480 W/kg

**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0390 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Right Head Check Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.898$  S/m;  $\epsilon_r = 39.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.87, 6.87, 6.87); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Right Head Check Low CH1/Area Scan (7x12x1):**

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0946 W/kg

**WIFI/IEEE802.11b Right Head Check Low CH1/Zoom Scan (7x7x7)/Cube 0:**

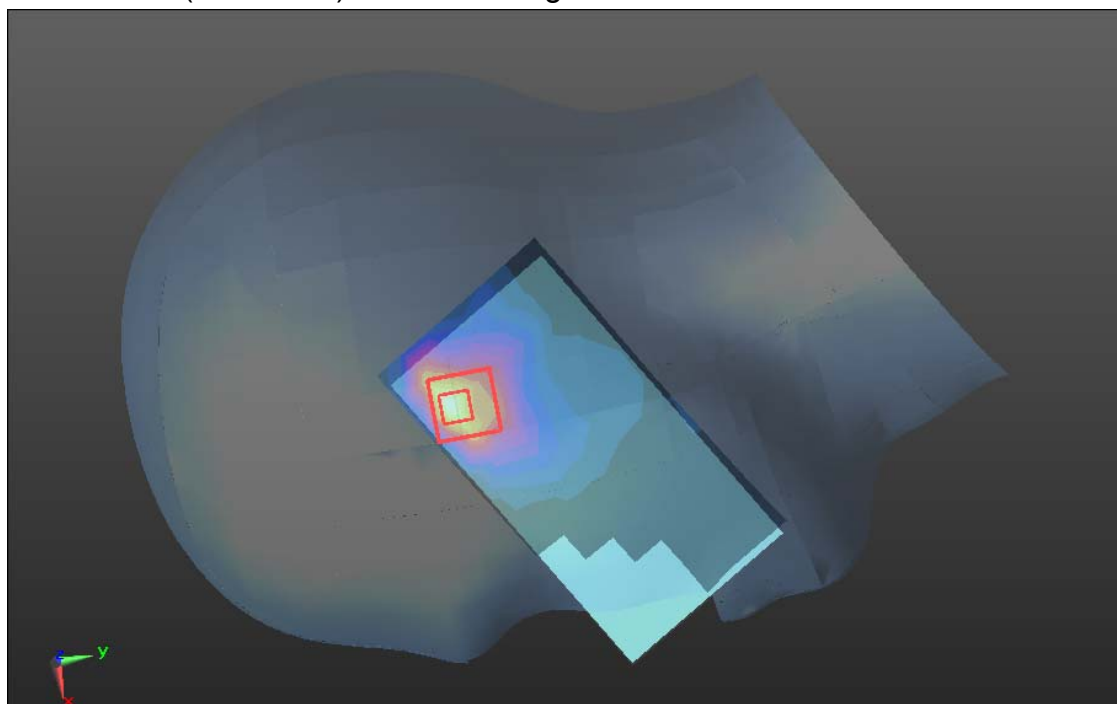
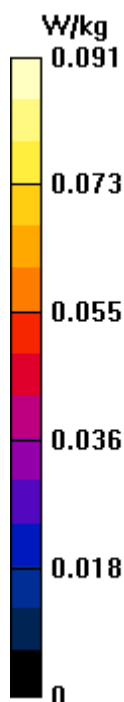
Measurement grid: dx=5mm, dy=5mm, dz=5mm

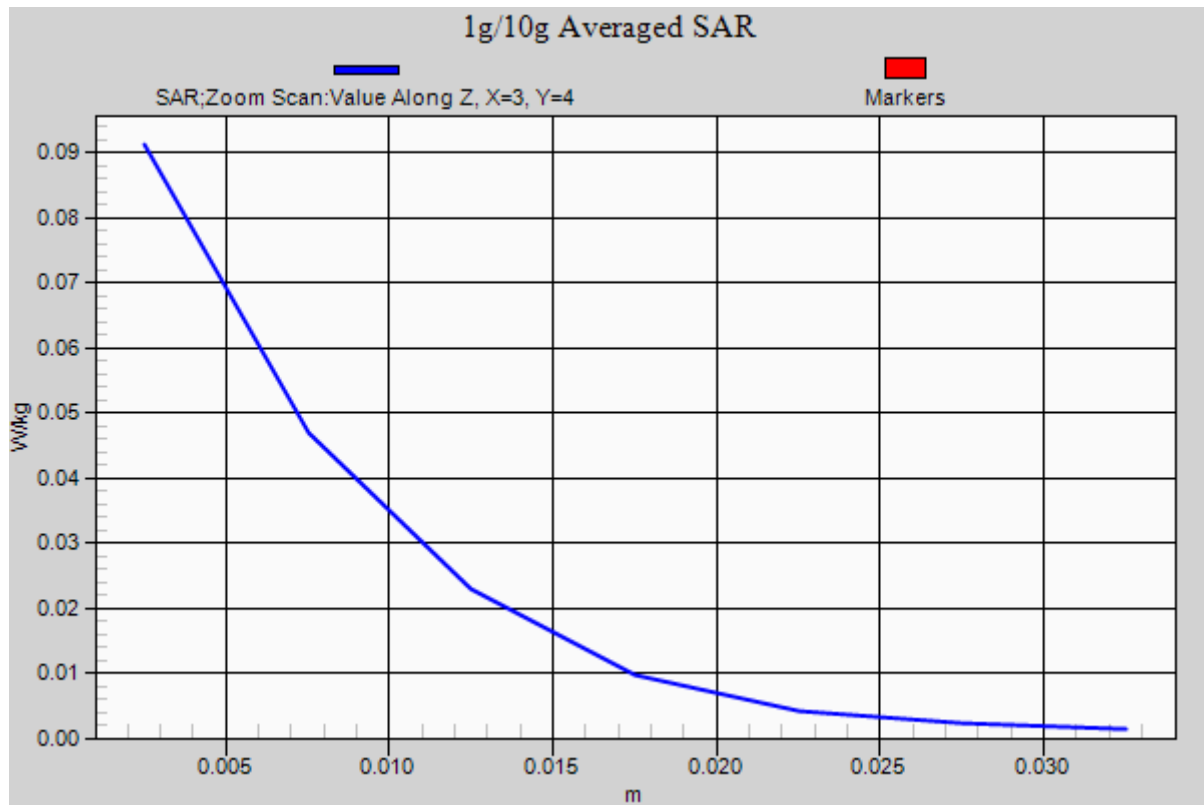
Reference Value = 3.376 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.031 W/kg**

Maximum value of SAR (measured) = 0.0912 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Right Head Tilted Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.898$  S/m;  $\epsilon_r = 39.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Right Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.87, 6.87, 6.87); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Right Head Tilted Low CH1/Area Scan (7x12x1):**

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0449 W/kg

**WIFI/IEEE802.11b Right Head Tilted Low CH1/Zoom Scan (7x7x7)/Cube 0:**

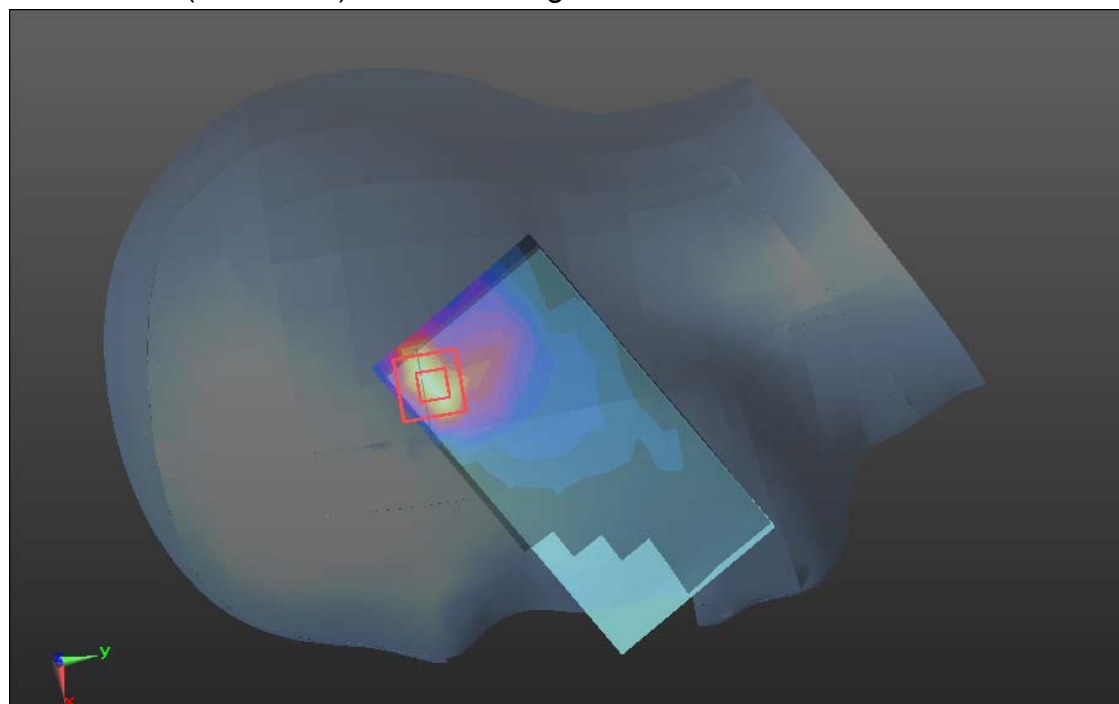
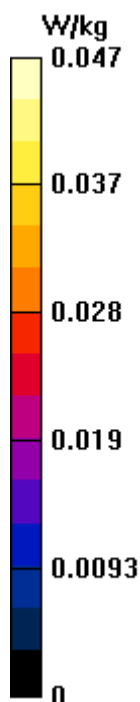
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.556 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0730 W/kg

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg**

Maximum value of SAR (measured) = 0.0465 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Left Head Check Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.898$  S/m;  $\epsilon_r = 39.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Left Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.87, 6.87, 6.87); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Right Head Check Low CH1/Area Scan (7x12x1):**

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0534 W/kg

**WIFI/IEEE802.11b Right Head Check Low CH1/Zoom Scan (7x7x7)/Cube 0:**

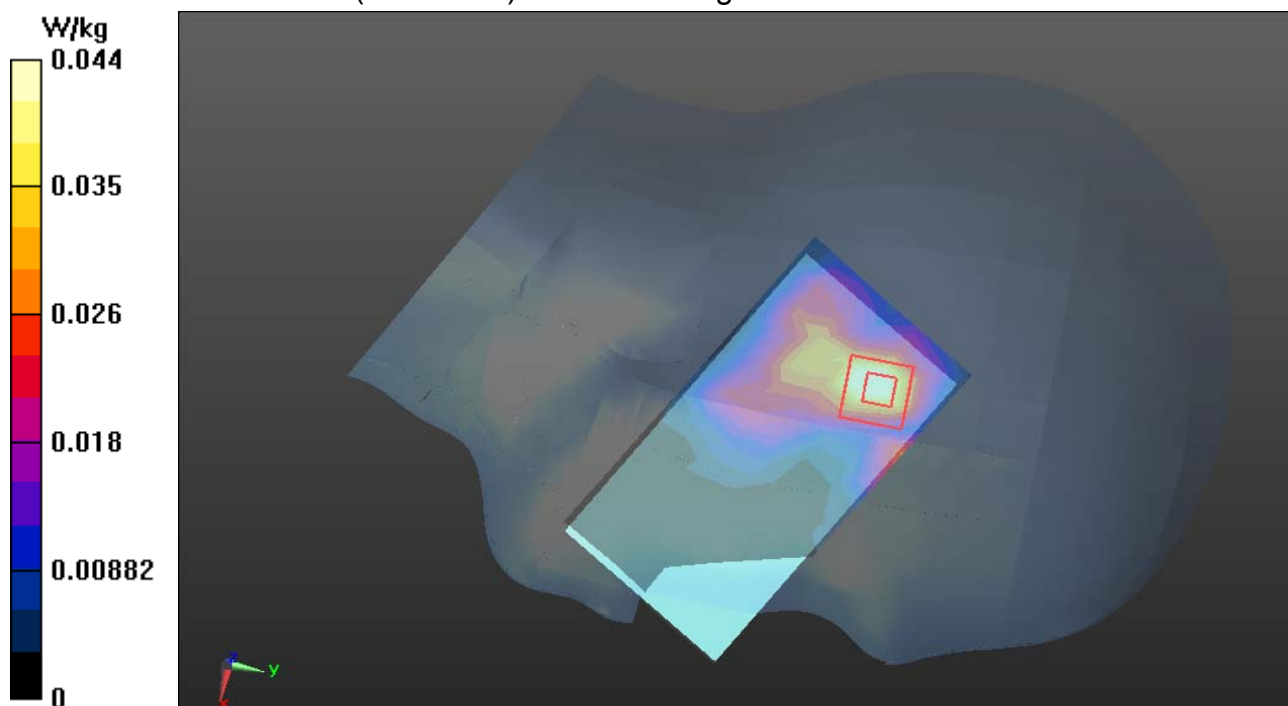
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.806 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0600 W/kg

**SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.017 W/kg**

Maximum value of SAR (measured) = 0.0441 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Left Head Tilted Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.898$  S/m;  $\epsilon_r = 39.606$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.87, 6.87, 6.87); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Right Head Tilted Low CH1/Area Scan (7x12x1):**

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0322 W/kg

**WIFI/IEEE802.11b Right Head Tilted Low CH1/Zoom Scan (7x7x7)/Cube 0:**

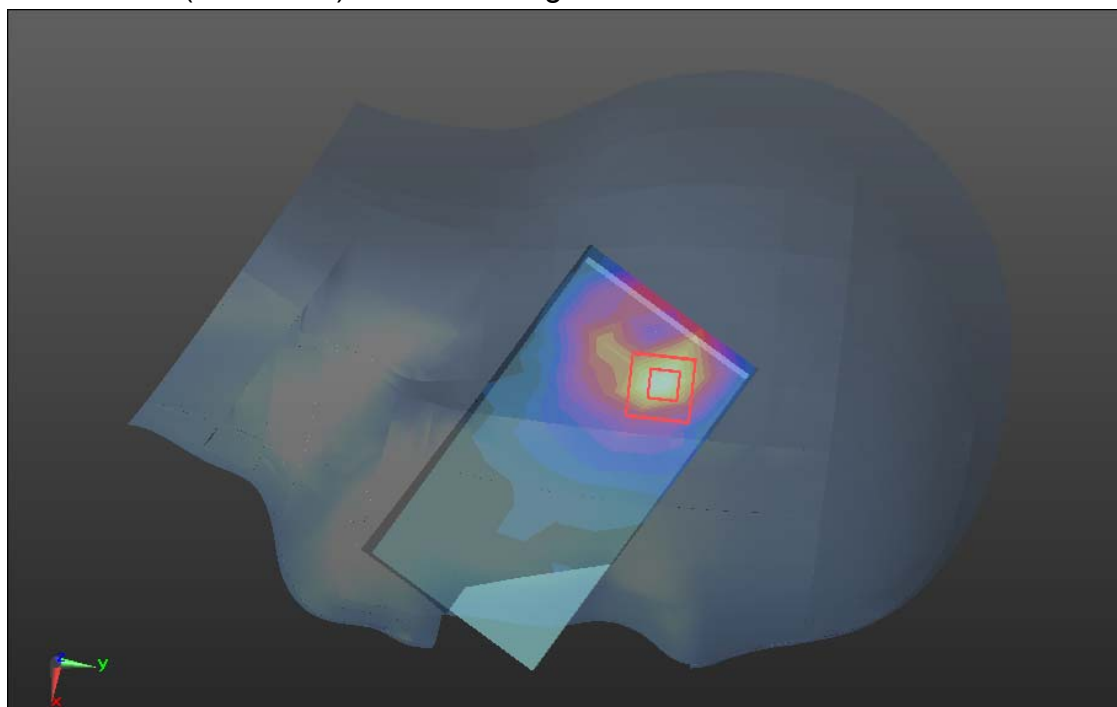
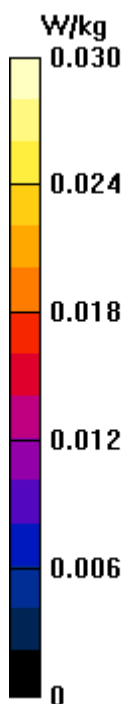
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.086 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.0410 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0300 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GSM850-Body Front High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Front High CH251/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0931 W/kg

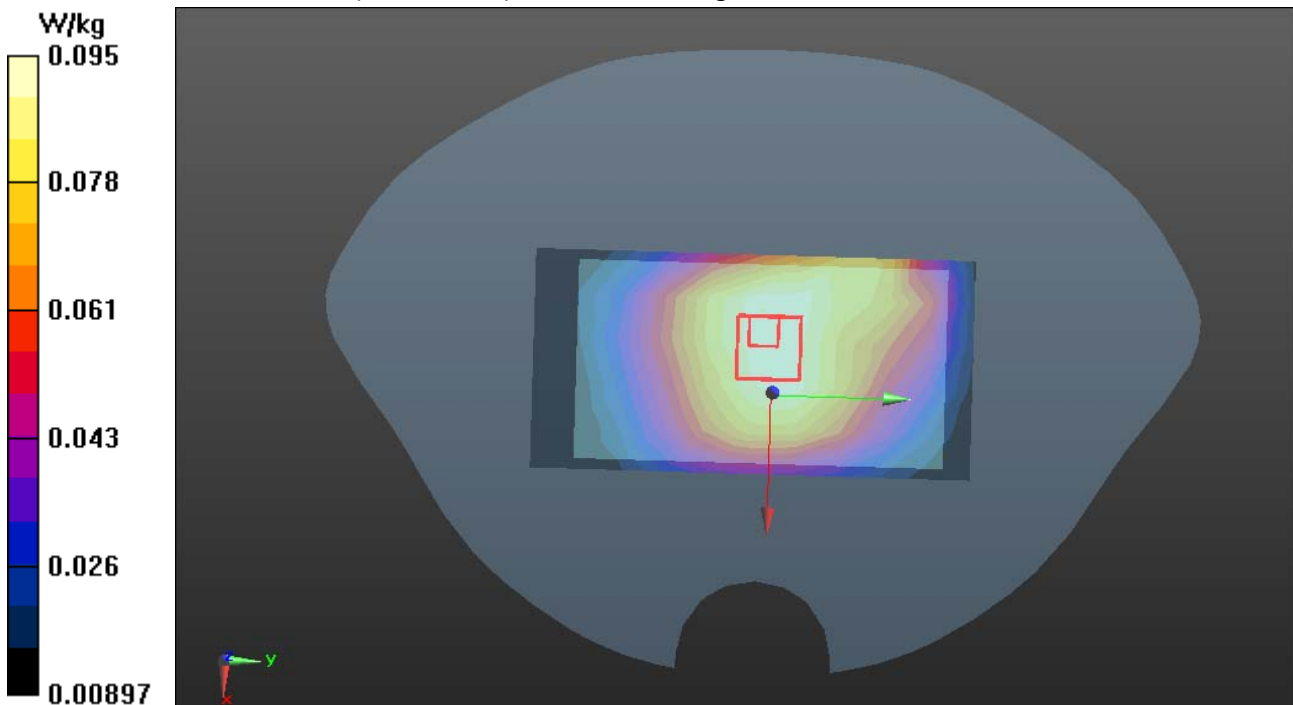
**GSM/Front High CH251/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.488 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.0952 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GSM850-Body Rear Low CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Rear Low CH251/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.420 W/kg

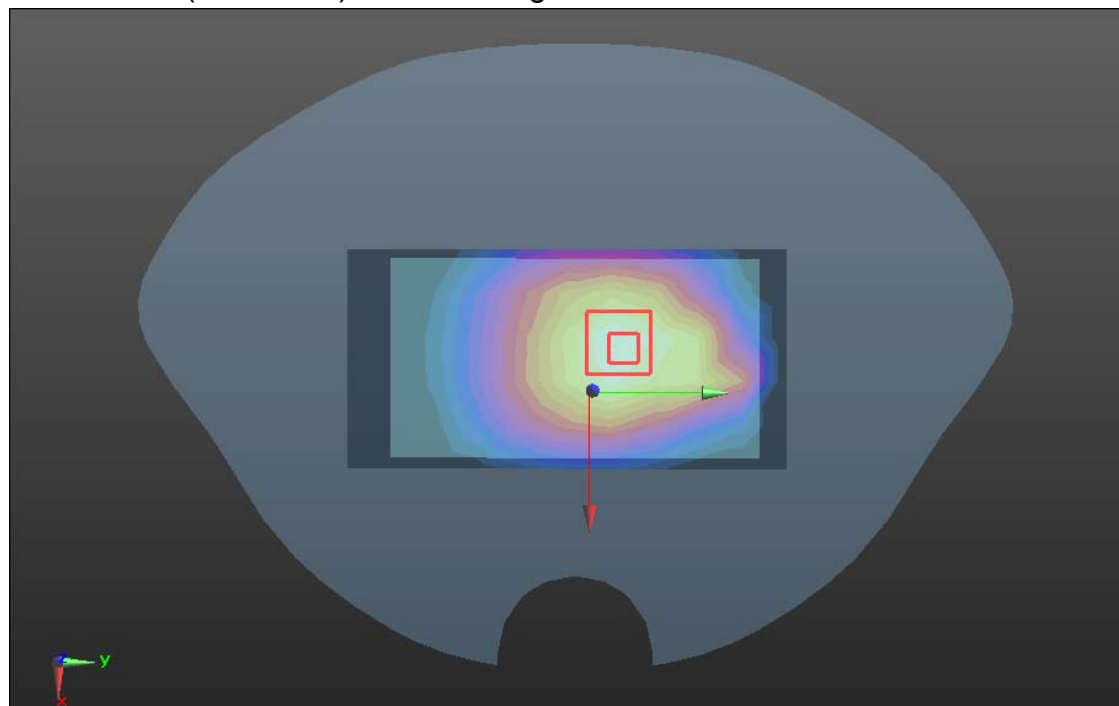
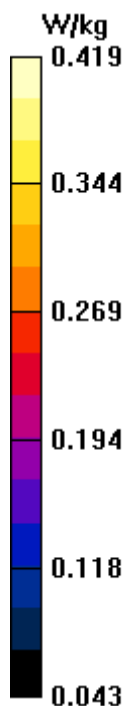
**GSM/Rear Low CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

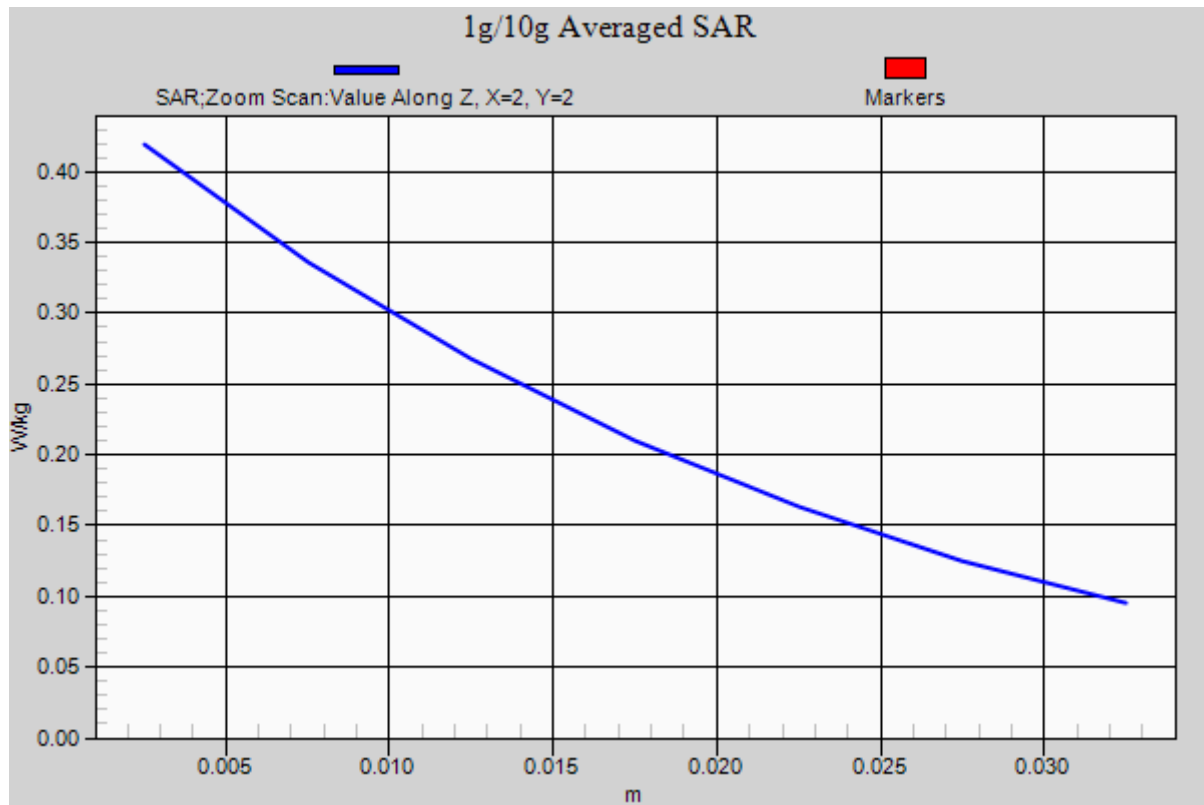
Reference Value = 18.769 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.473 W/kg

**SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.283 W/kg**

Maximum value of SAR (measured) = 0.419 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GSM850-Body Left High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Body Left High CH251/Area Scan (11x5x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.177 W/kg

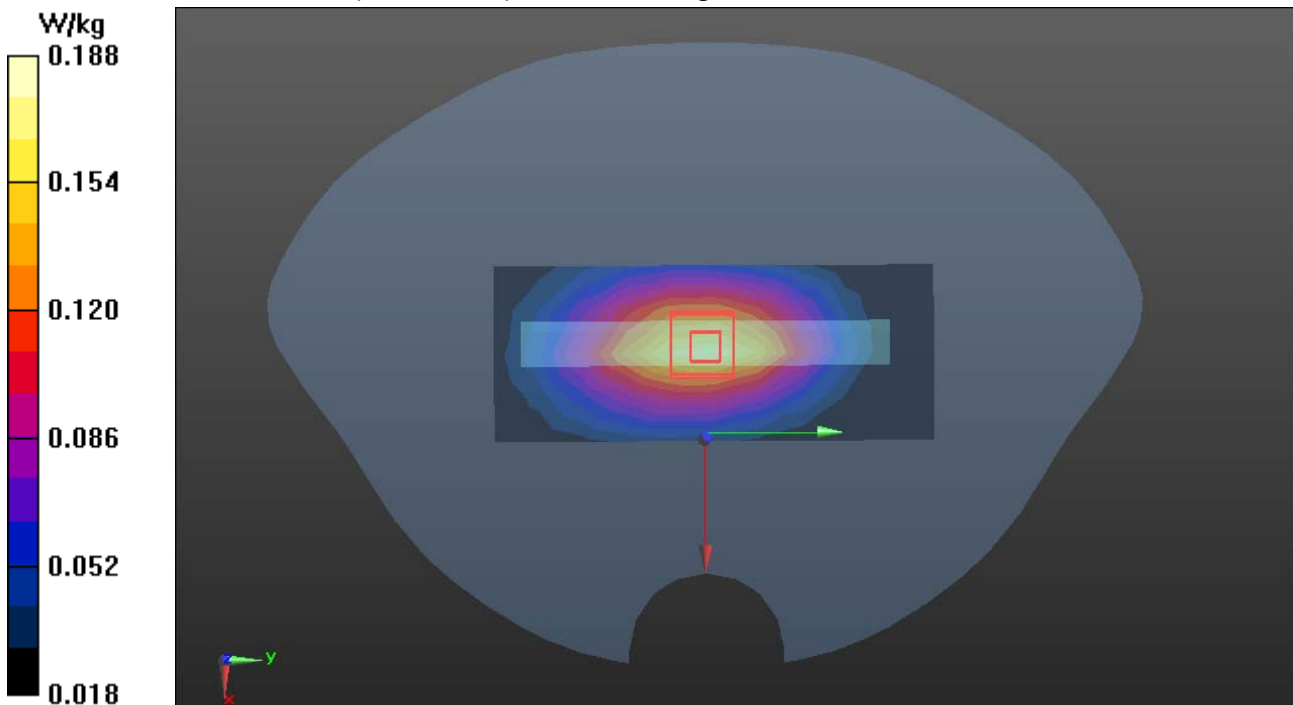
**GSM/Body Left High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.790 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.221 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.103 W/kg**

Maximum value of SAR (measured) = 0.188 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GSM850-Body Right High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Body Right High CH251/Area Scan (11x5x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.157 W/kg

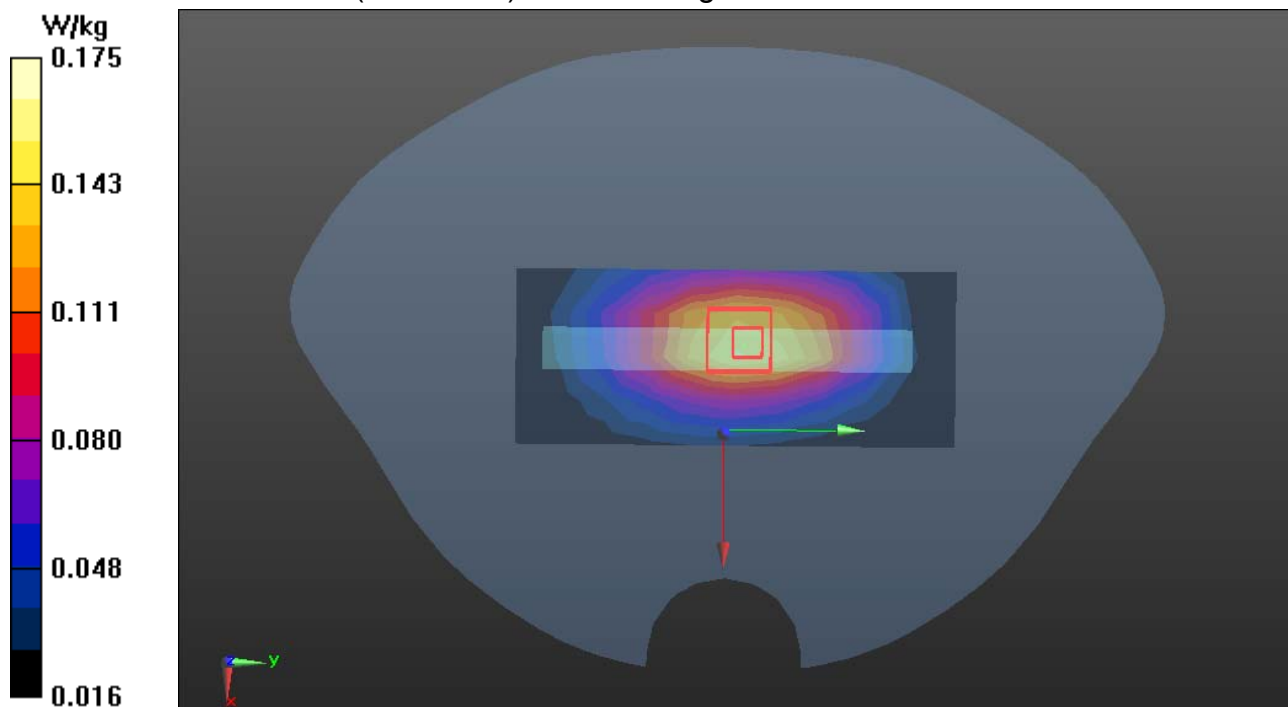
**GSM/Body Right High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.164 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.175 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GSM850-Body -Bottom High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Body Bottom High CH251/Area Scan (7x5x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0356 W/kg

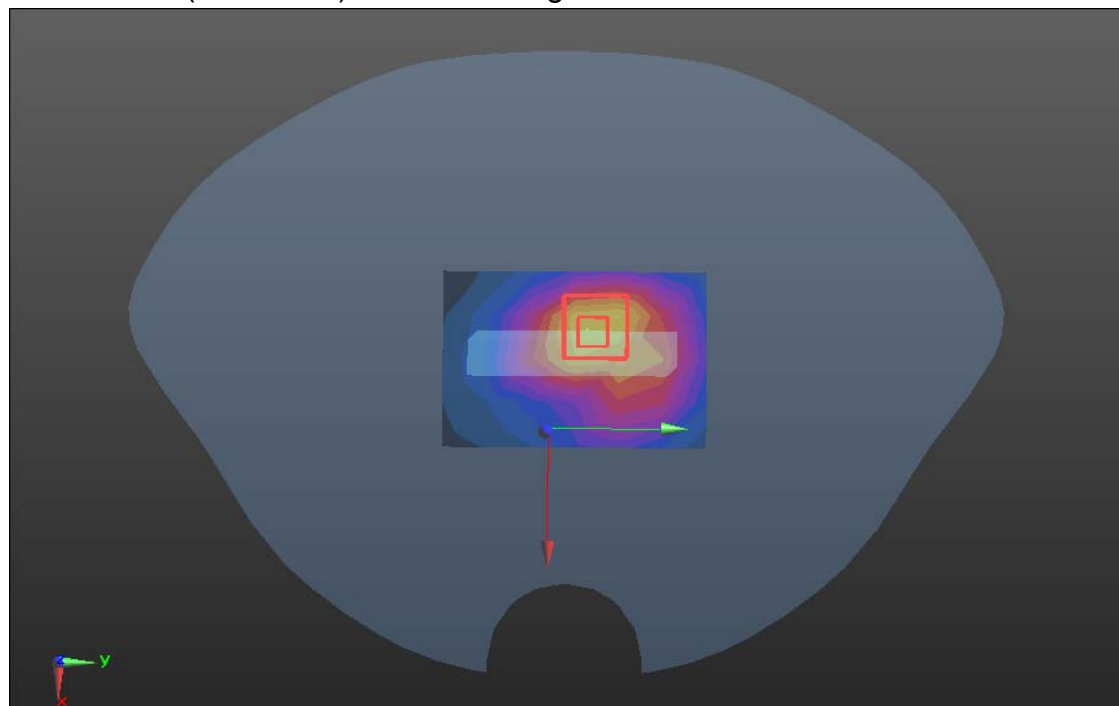
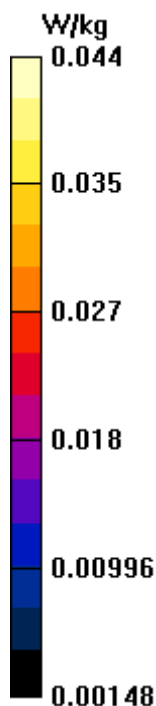
**GSM/Body Bottom High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.416 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.0560 W/kg

**SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.021 W/kg**

Maximum value of SAR (measured) = 0.0439 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GPRS850-Body Front High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS850;

Frequency: 848.8 MHz; Duty Cycle: 1:4.19759

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Front High CH251/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.134 W/kg

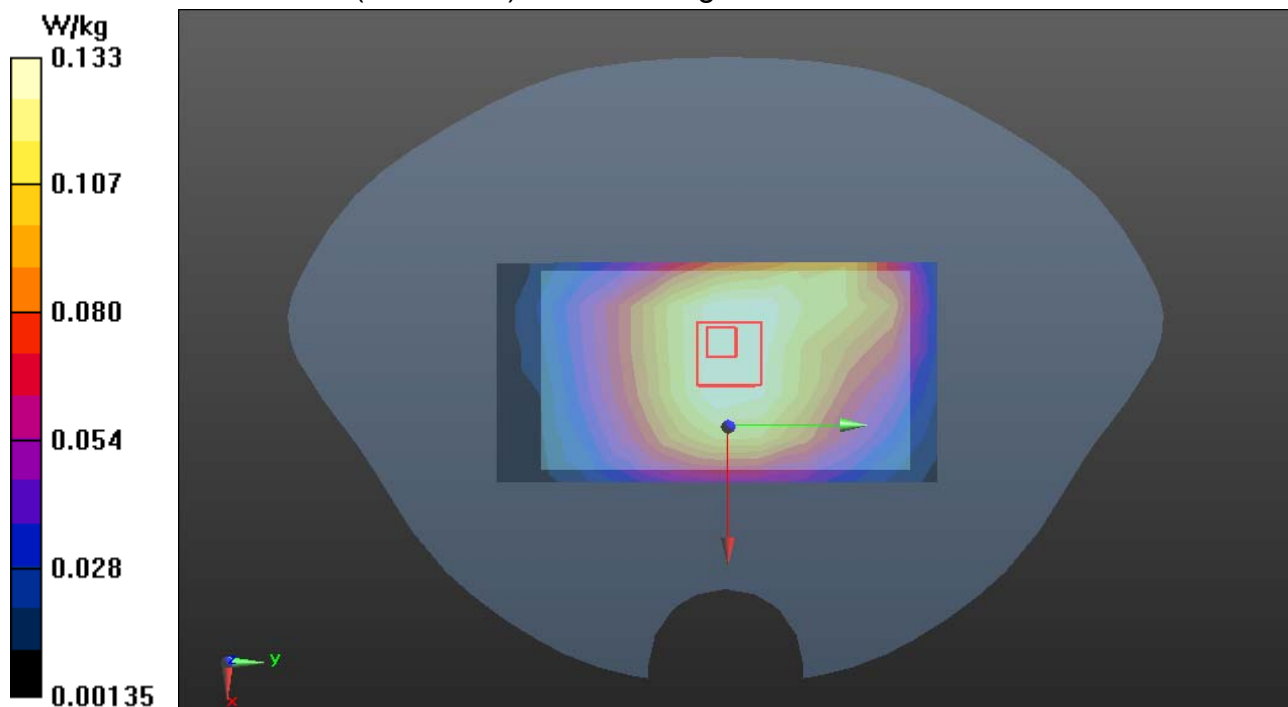
**GPRS/Front High CH251/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.347 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.091 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GPRS850-Body Rear Low CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS850;

Frequency: 848.8 MHz; Duty Cycle: 1:4.19759

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Rear Low CH251/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.656 W/kg

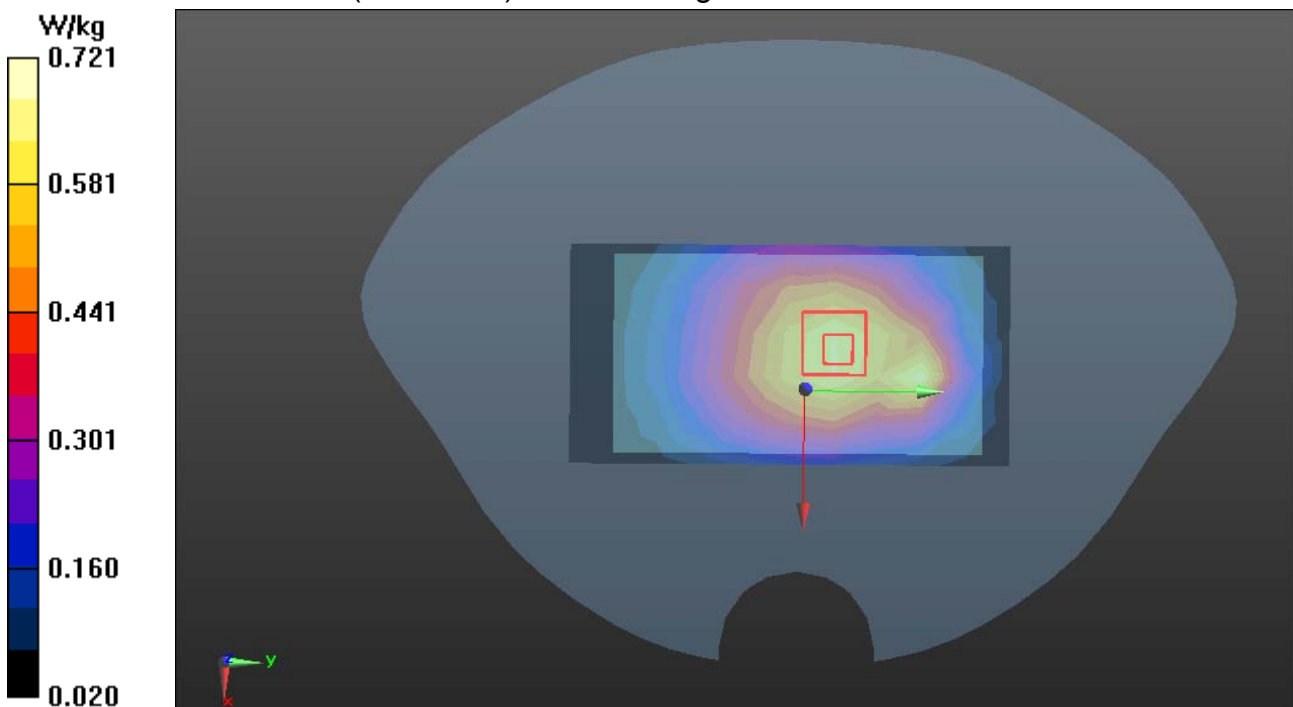
**GPRS/Rear Low CH251/Zoom Scan (8x7x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

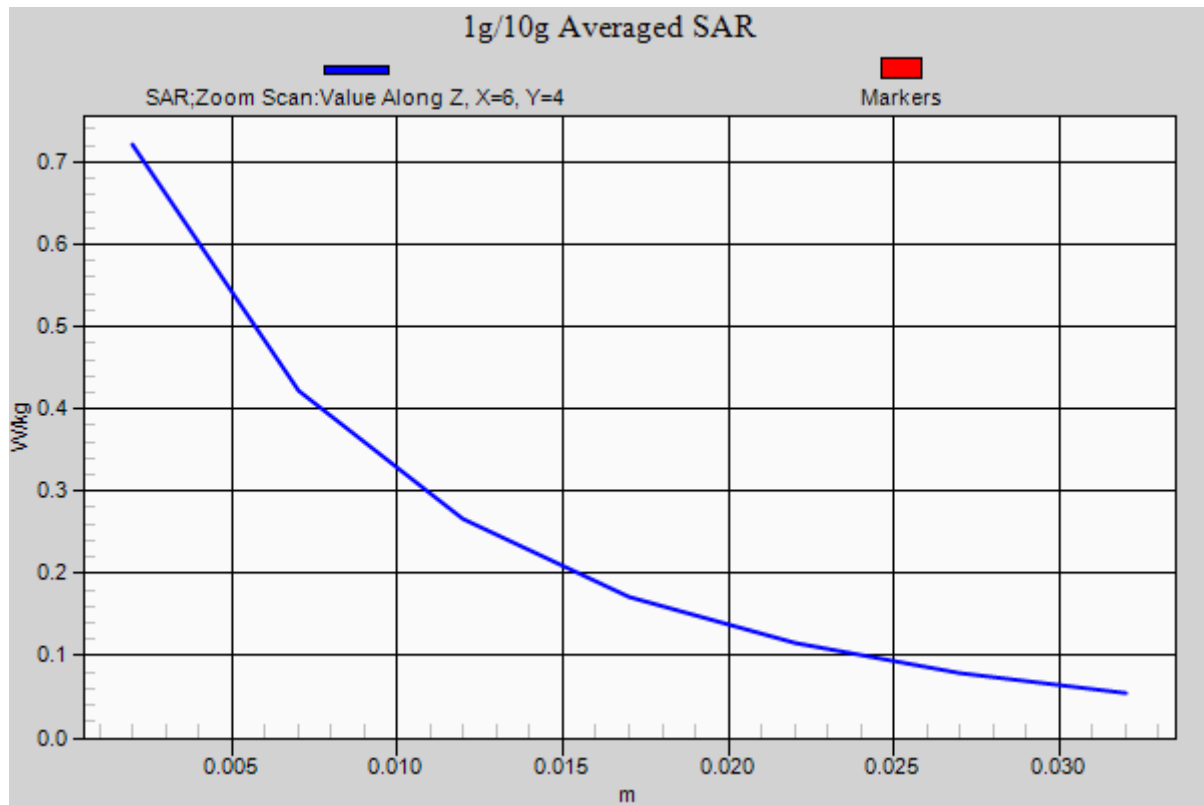
Reference Value = 23.188 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.911 W/kg

**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.425 W/kg**

Maximum value of SAR (measured) = 0.721 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GPRS850-Body Left High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Body Left High CH251/Area Scan (11x5x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.394 W/kg

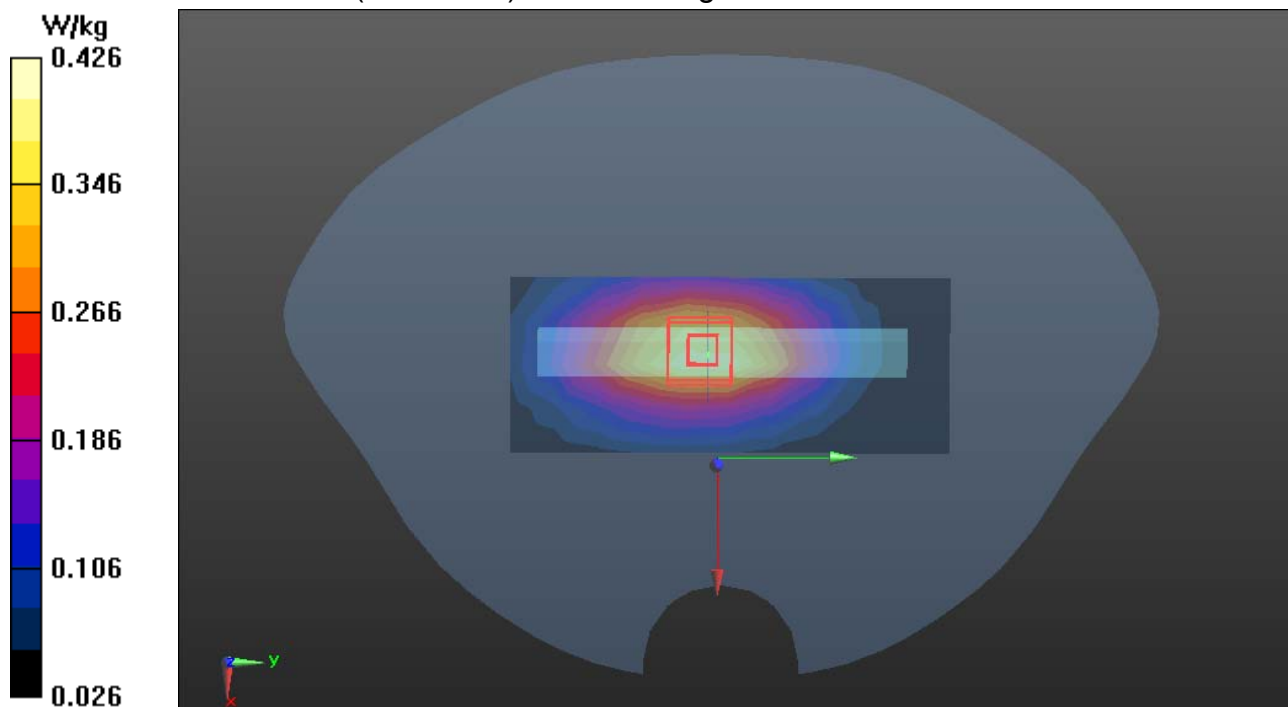
**GPRS/Body Left High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.622 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.230 W/kg**

Maximum value of SAR (measured) = 0.426 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GPRS850-Body Right High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: GSM850;

Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Body Right High CH251/Area Scan (11x5x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.534 W/kg

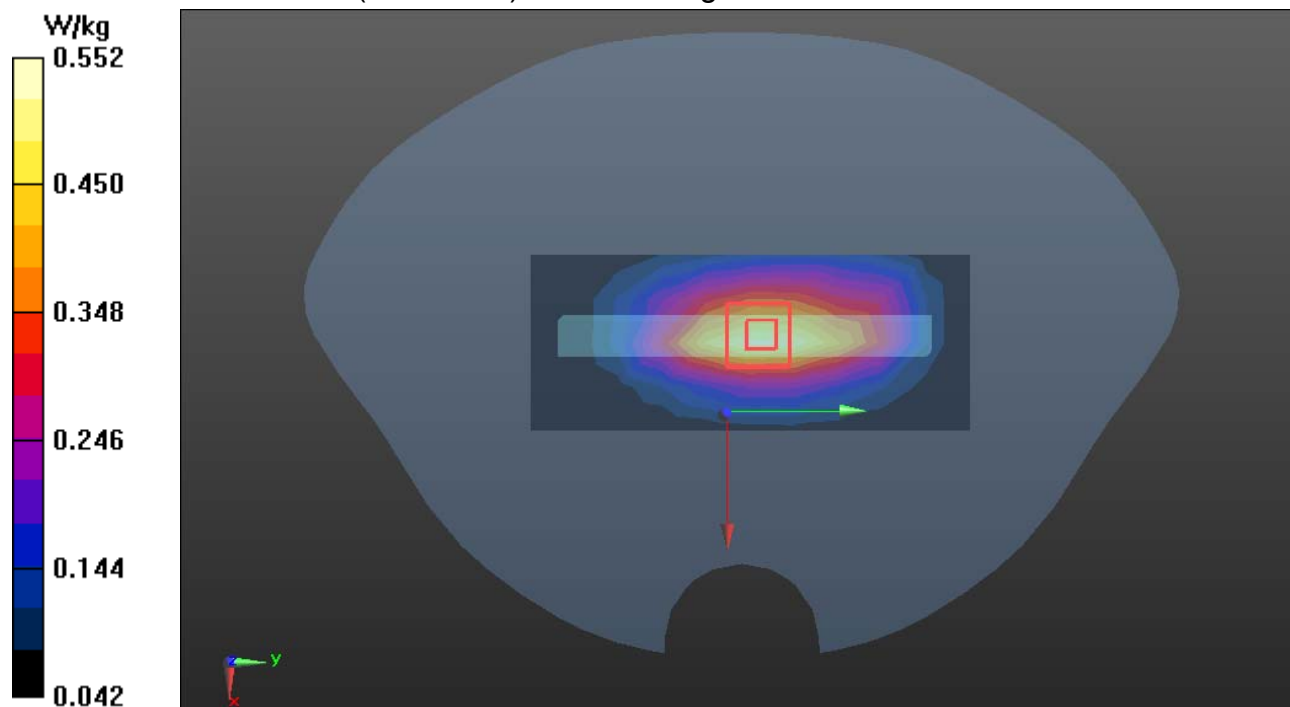
**GPRS/Body Right High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.503 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 0.552 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**GPRS850-Body -Bottom High CH251****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS850;

Frequency: 848.8 MHz; Duty Cycle: 1:4.19759

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.99$  S/m;  $\epsilon_r = 54.237$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.12, 9.12, 9.12); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Body Bottom High CH251/Area Scan (7x5x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0503 W/kg

**GPRS/Body Bottom High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

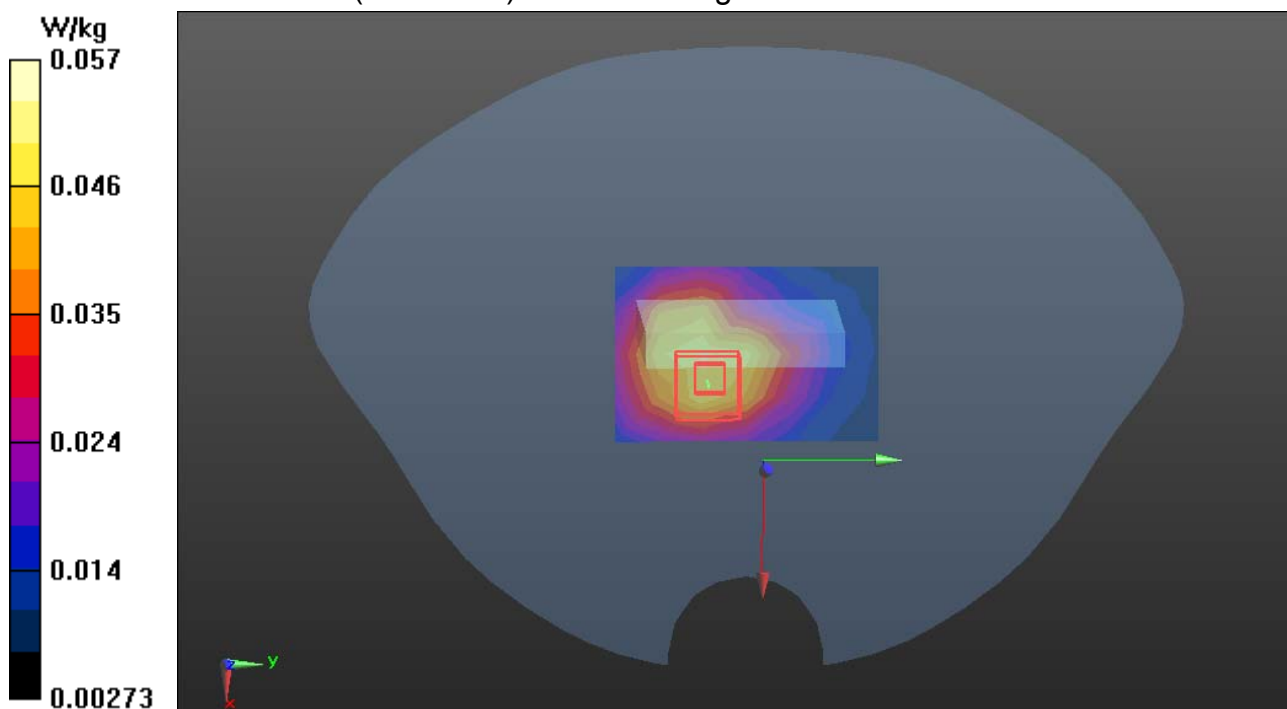
dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.202 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0680 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.029 W/kg**

Maximum value of SAR (measured) = 0.0571 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM1900-Body Front High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Front High CH810/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0601 W/kg

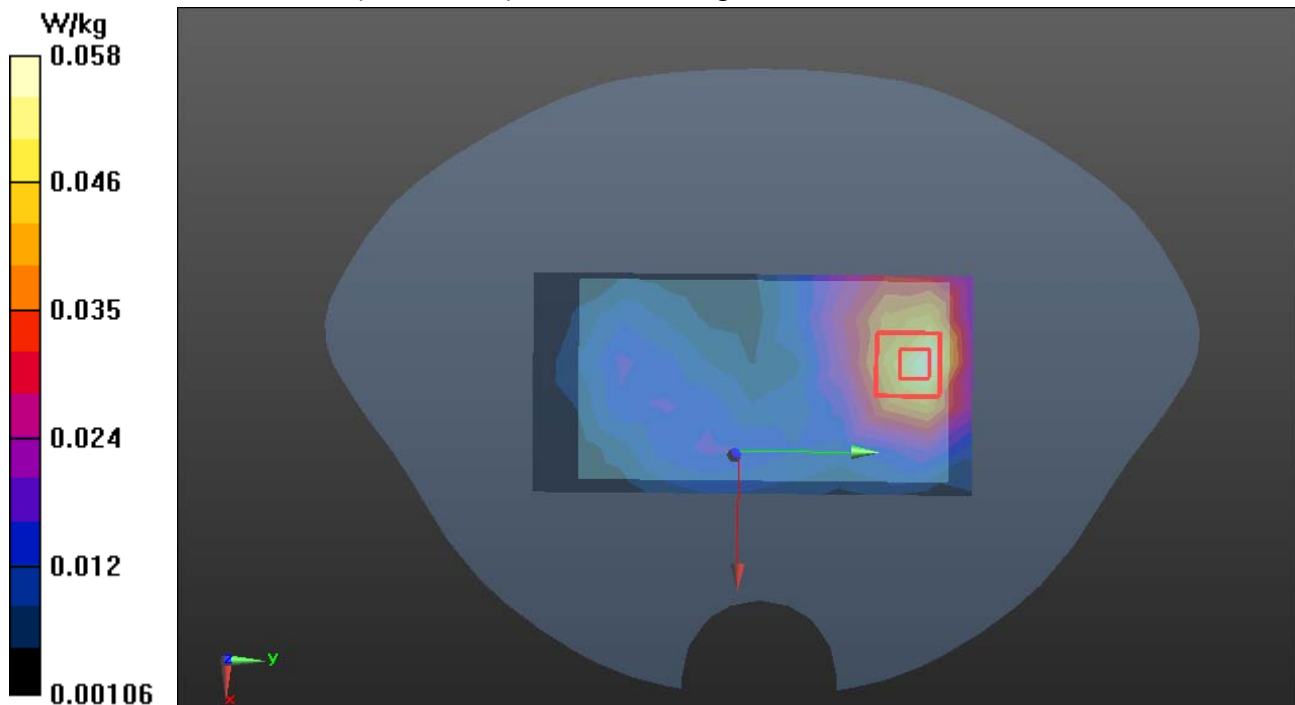
**GSM/Front High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.447 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0690 W/kg

**SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0577 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM1900-Body Rear Low CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Rear Low CH810/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.614 W/kg

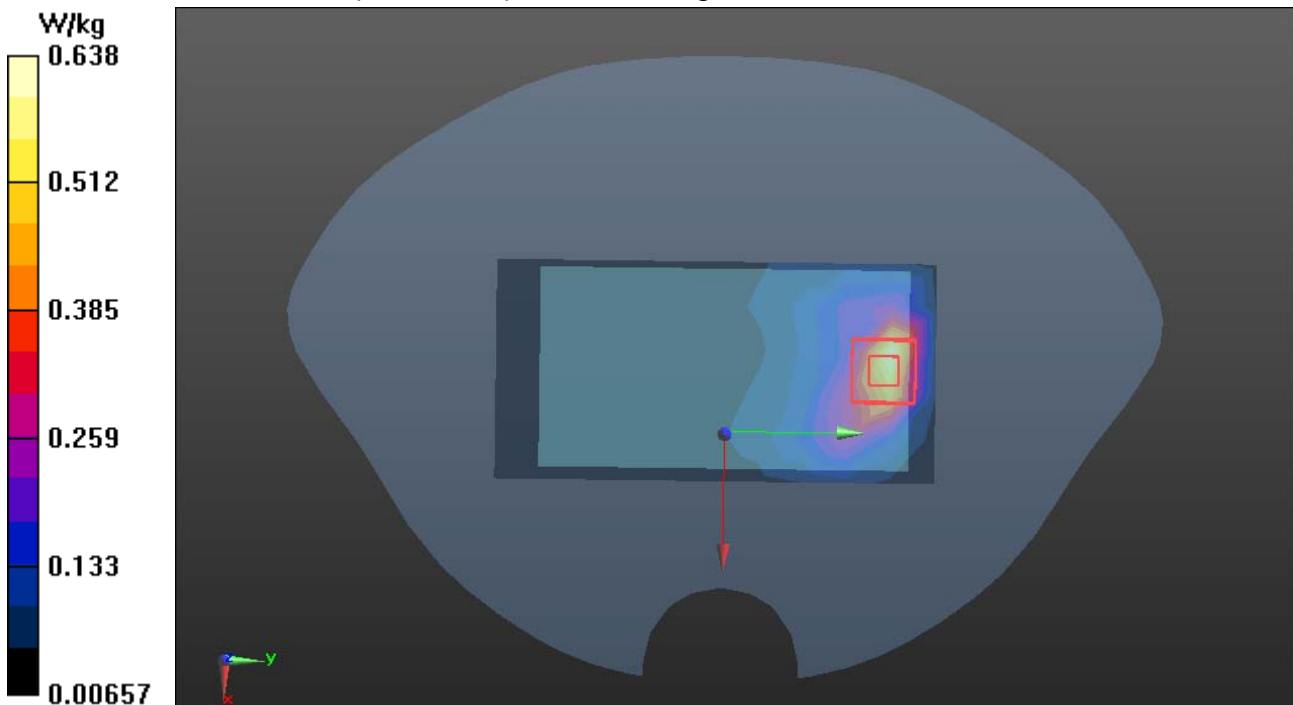
**GSM/Rear Low CH810/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

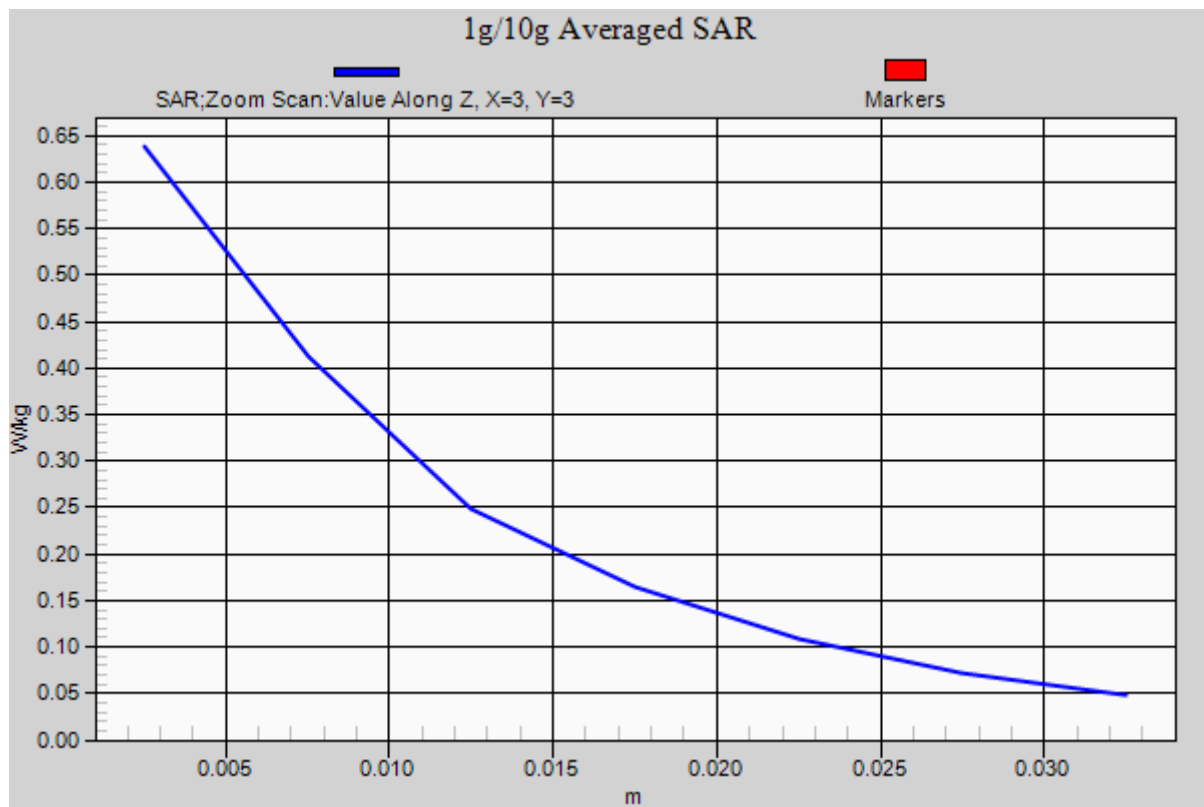
Reference Value = 3.439 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.803 W/kg

**SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.260 W/kg**

Maximum value of SAR (measured) = 0.638 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM1900-Body Left High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Body Left High CH810/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0205 W/kg

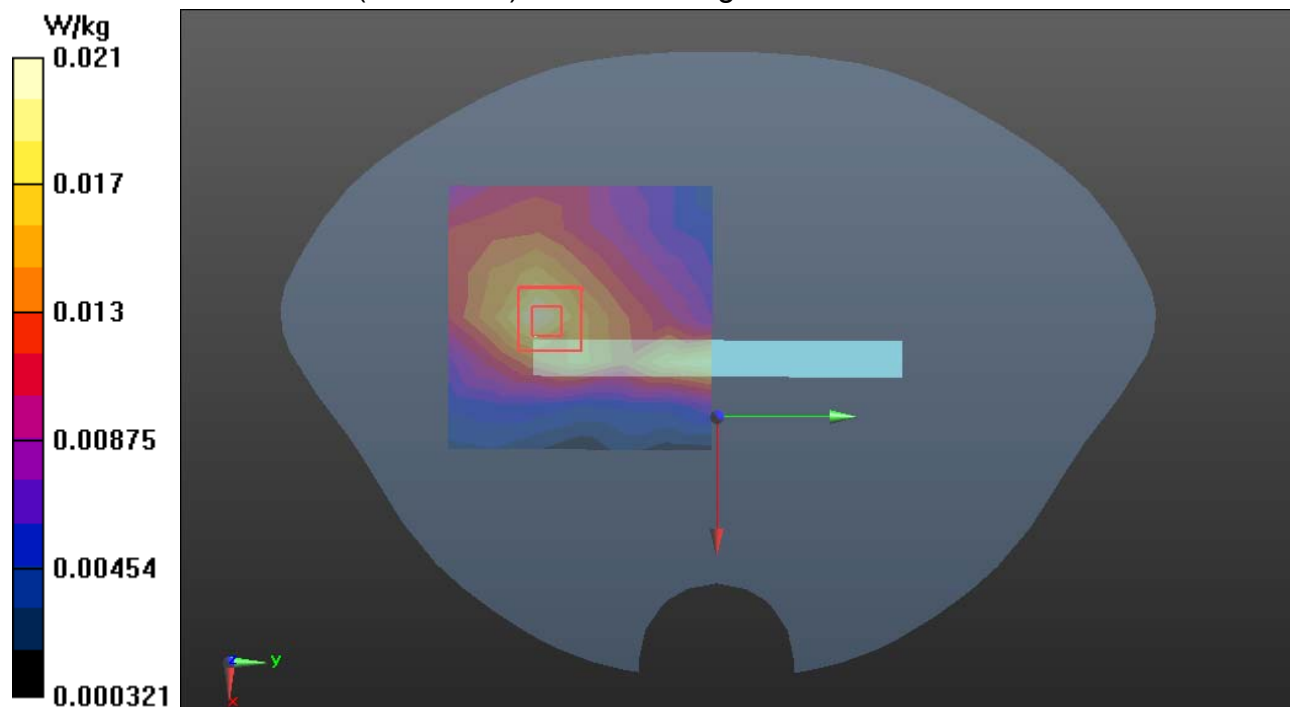
**GSM/Body Left High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.946 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0270 W/kg

**SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0214 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM1900-Body Right High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Body Right High CH810/Area Scan (7x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0623 W/kg

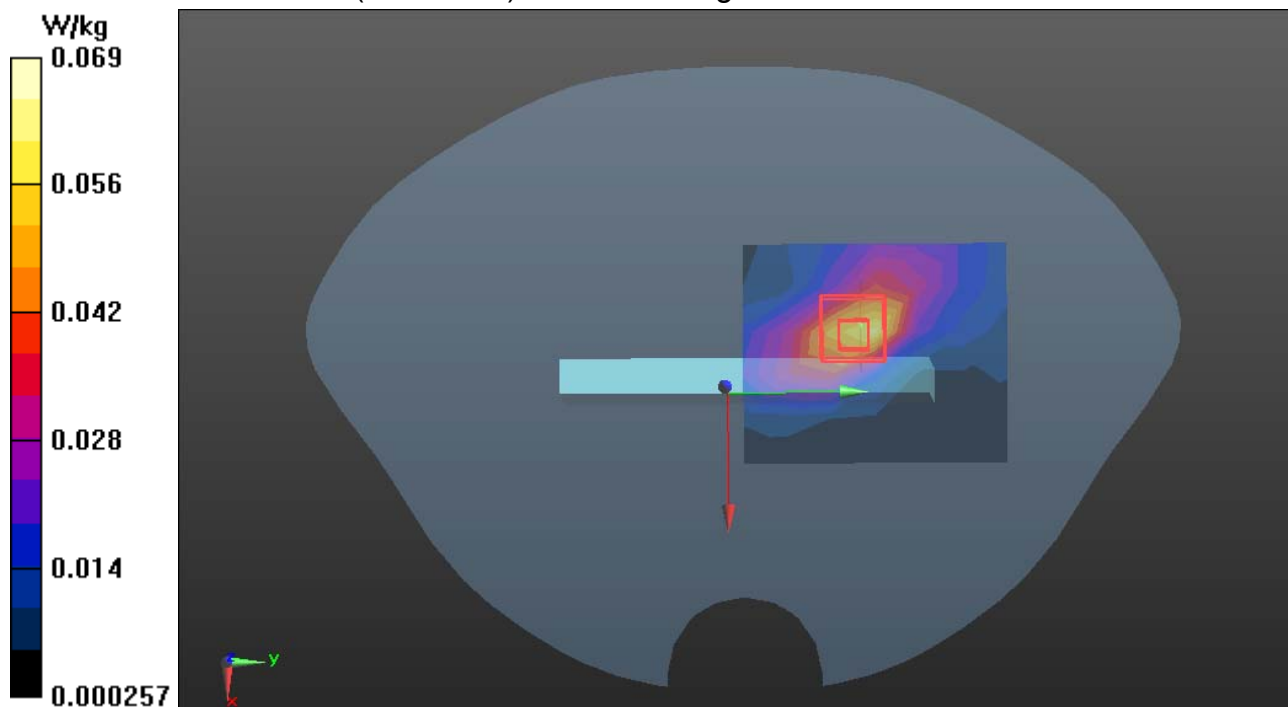
**GSM/Body Right High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.478 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0880 W/kg

**SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0694 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GSM1900-Body -Bottom High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GSM; Communication System Band: PCS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM/Body Bottom High CH810/Area Scan (7x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.486 W/kg

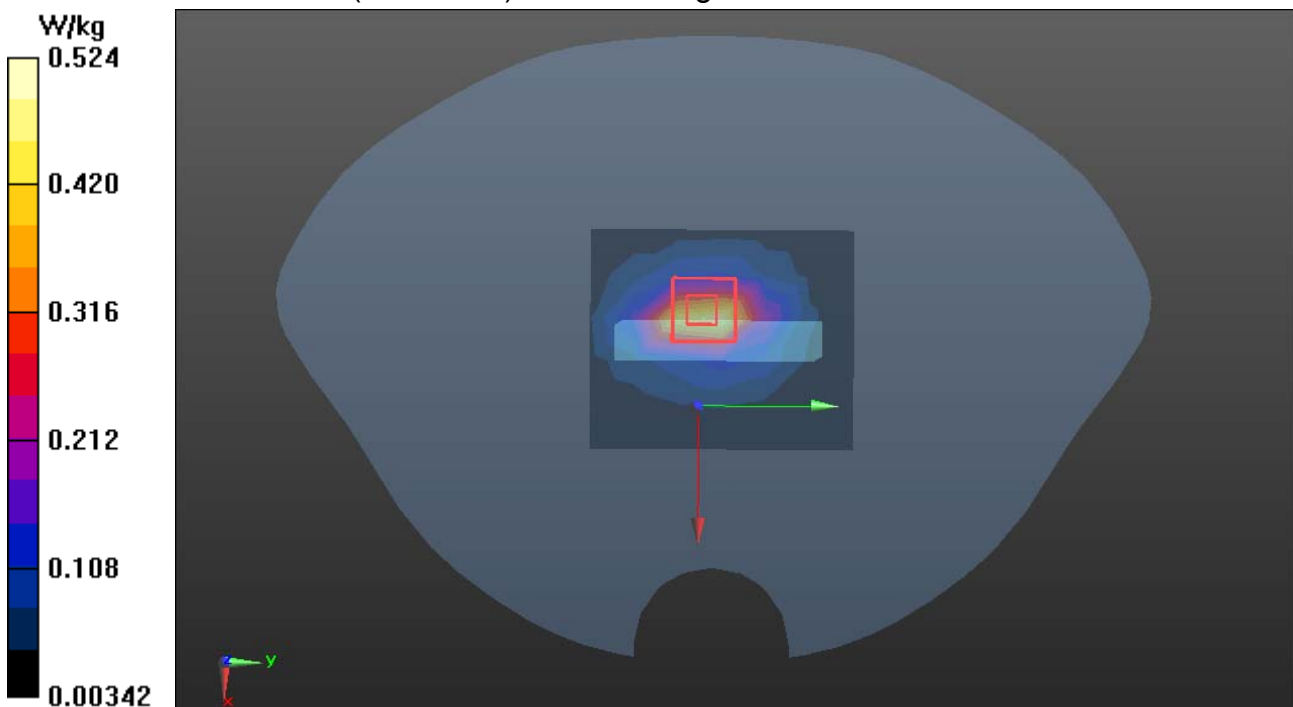
**GSM/Body Bottom High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.588 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.652 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.180 W/kg**

Maximum value of SAR (measured) = 0.524 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GPRS1900-Body Front High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:2.77971

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Front High CH810/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0585 W/kg

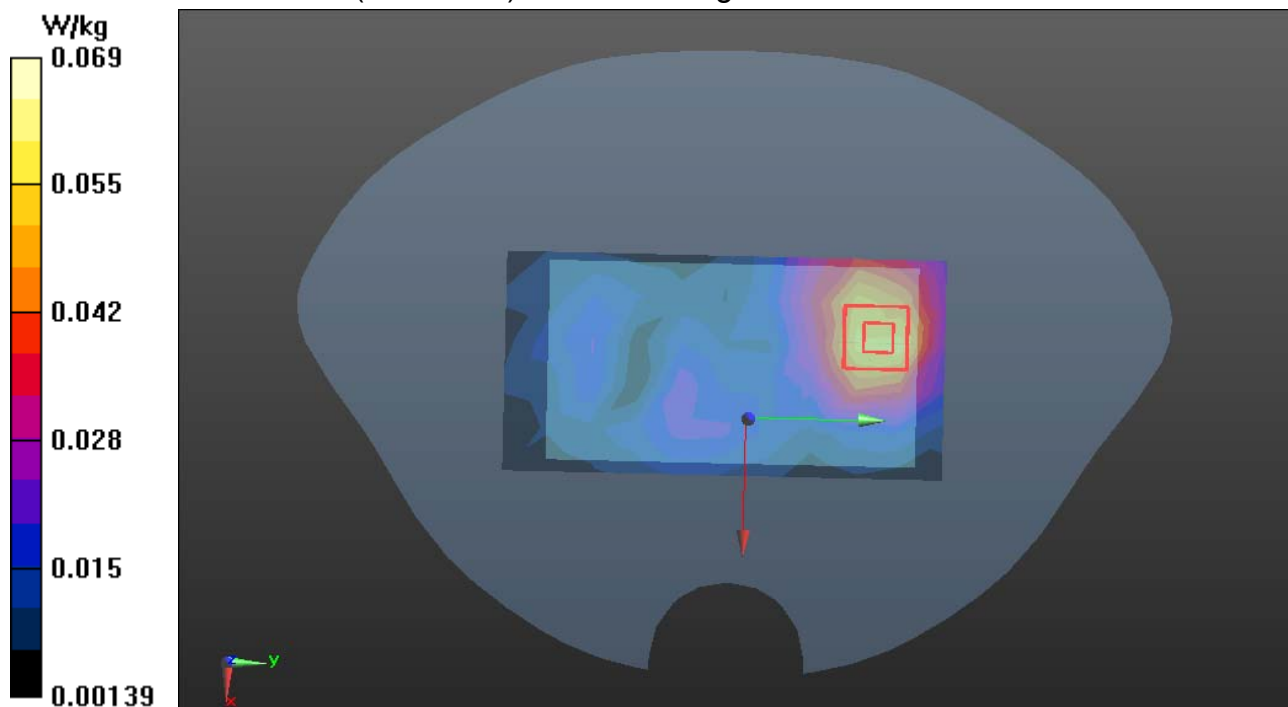
**GPRS/Front High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.905 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.0830 W/kg

**SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.032 W/kg**

Maximum value of SAR (measured) = 0.0690 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GPRS1900-Body Rear Low CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS 1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:2.77971

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Rear Low CH810/Area Scan (11x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.771 W/kg

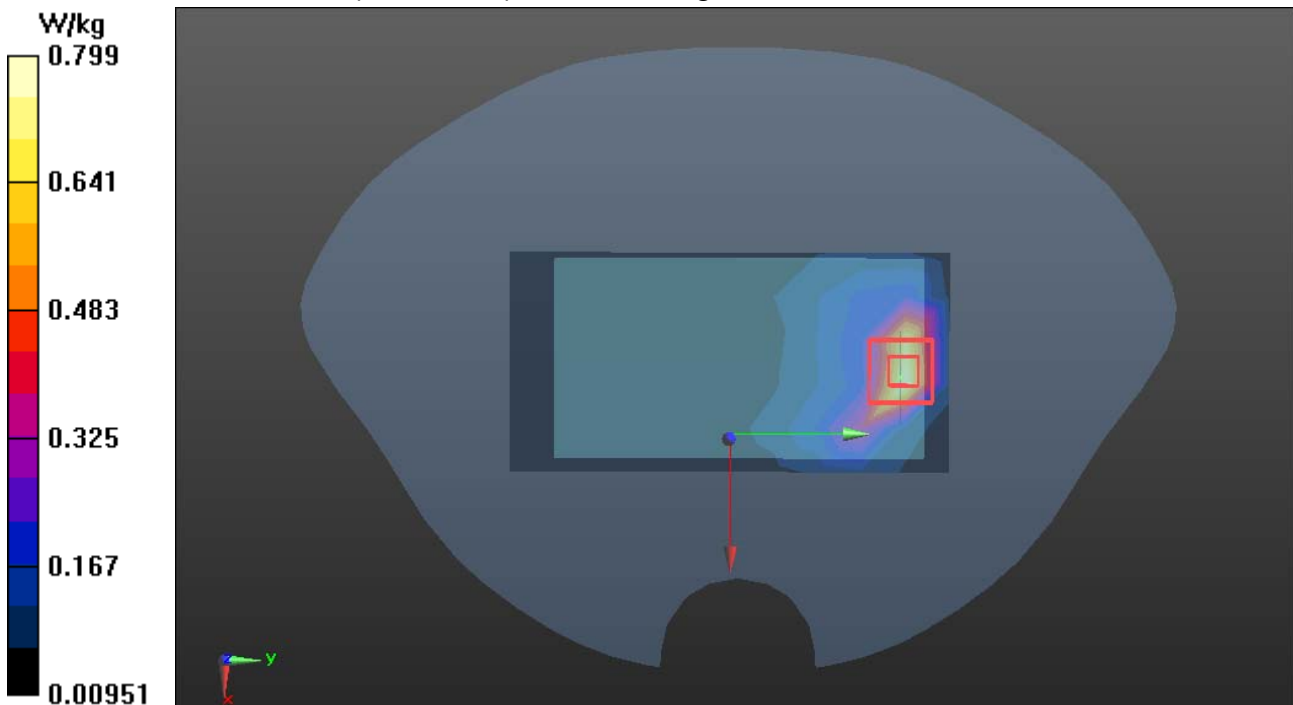
**GPRS/Rear Low CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

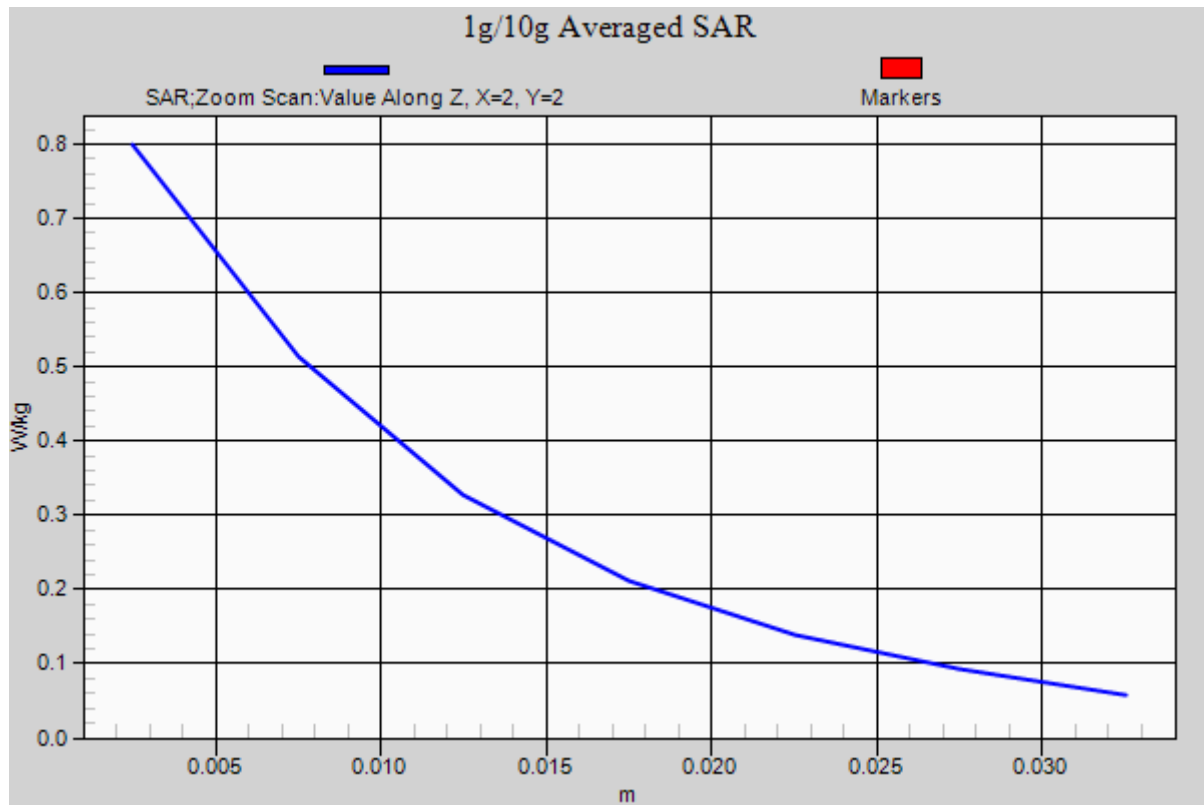
Reference Value = 3.841 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.316 W/kg**

Maximum value of SAR (measured) = 0.799 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GPRS1900-Body Left High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:2.77971

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Body Left High CH810/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0263 W/kg

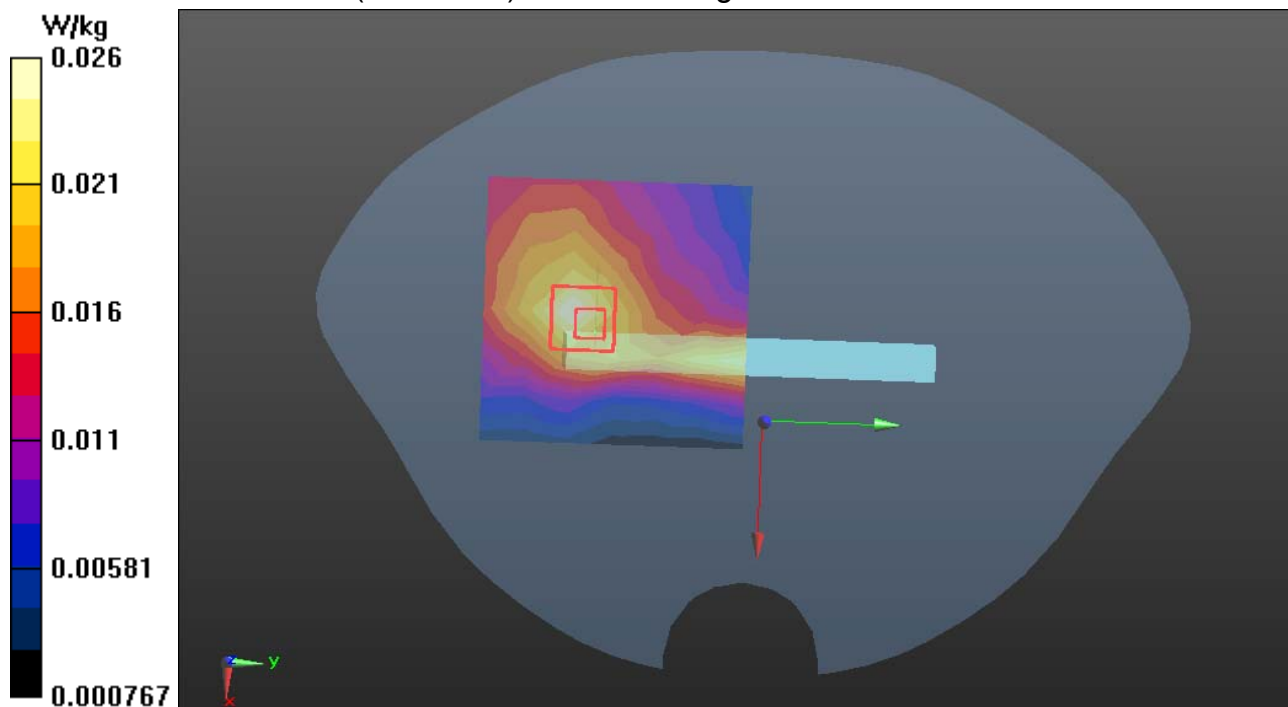
**GPRS/Body Left High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.492 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0320 W/kg

**SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0260 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GPRS1900-Body Right High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:2.77971

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Body Right High CH810/Area Scan (7x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0760 W/kg

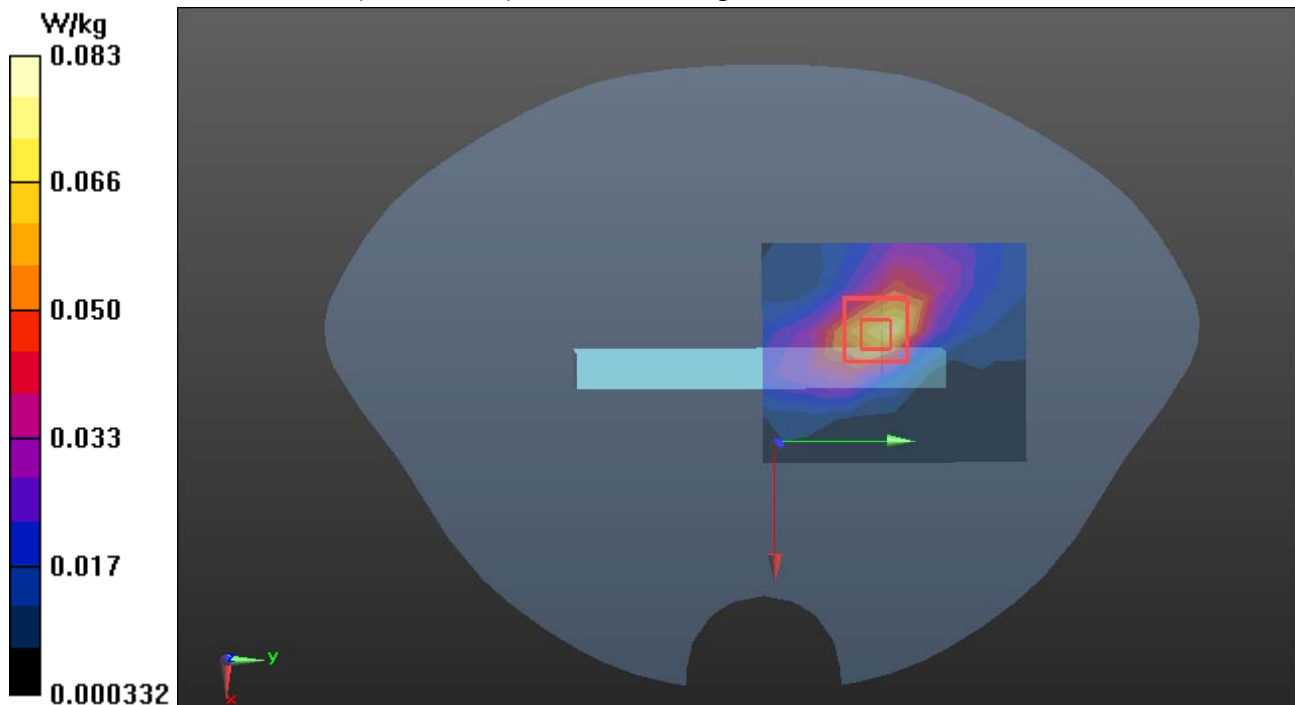
**GPRS/Body Right High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.614 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.0828 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/15/2013

**GPRS1900-Body -Bottom High CH810****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: Generic GPRS; Communication System Band: GPRS1900;

Frequency: 1909.8 MHz; Duty Cycle: 1:2.77971

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.29, 7.29, 7.29); Calibrated: 7/25/2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS/Body Bottom High CH810/Area Scan (7x5x1):** Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.406 W/kg

**GPRS/Body Bottom High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:

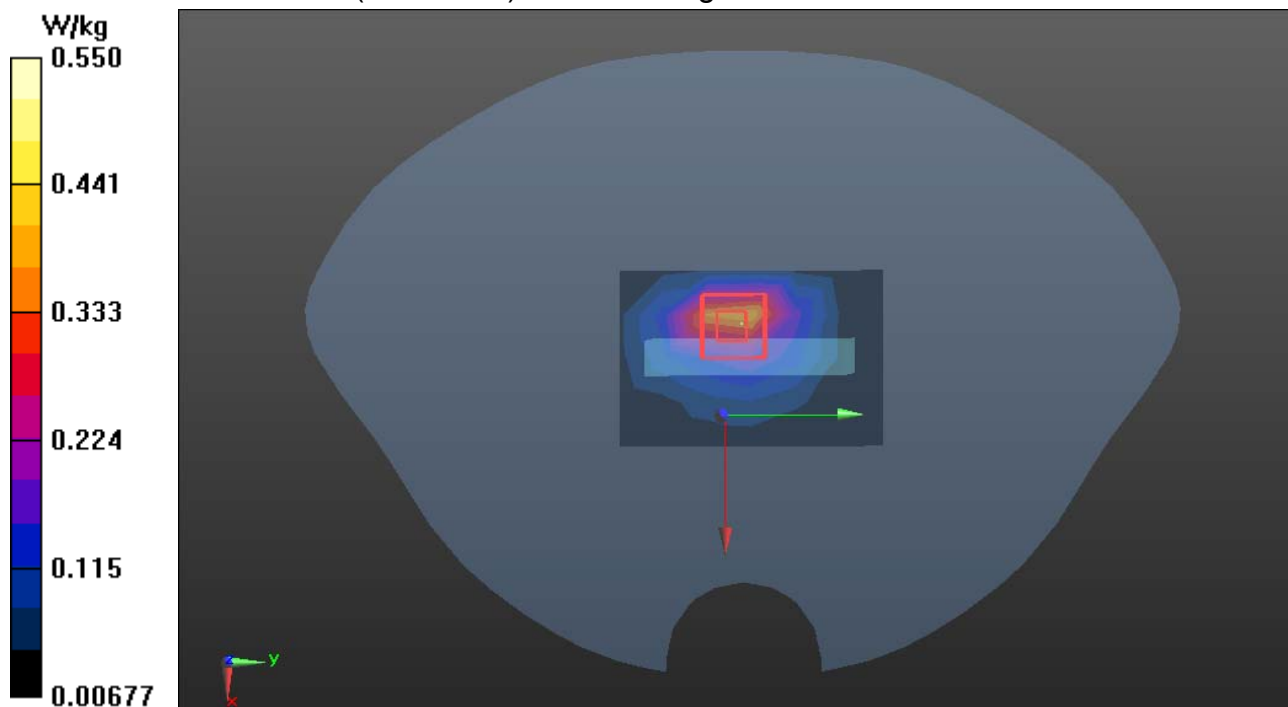
dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.689 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.698 W/kg

**SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.197 W/kg**

Maximum value of SAR (measured) = 0.550 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Body Front Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 52.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.92, 6.92, 6.92); Calibrated: 7/25/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Front Low CH1/Area Scan (13x8x1):** Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0104 W/kg

**WIFI/IEEE802.11b Body Front Low CH1/Zoom Scan (7x7x7)/Cube 0:**

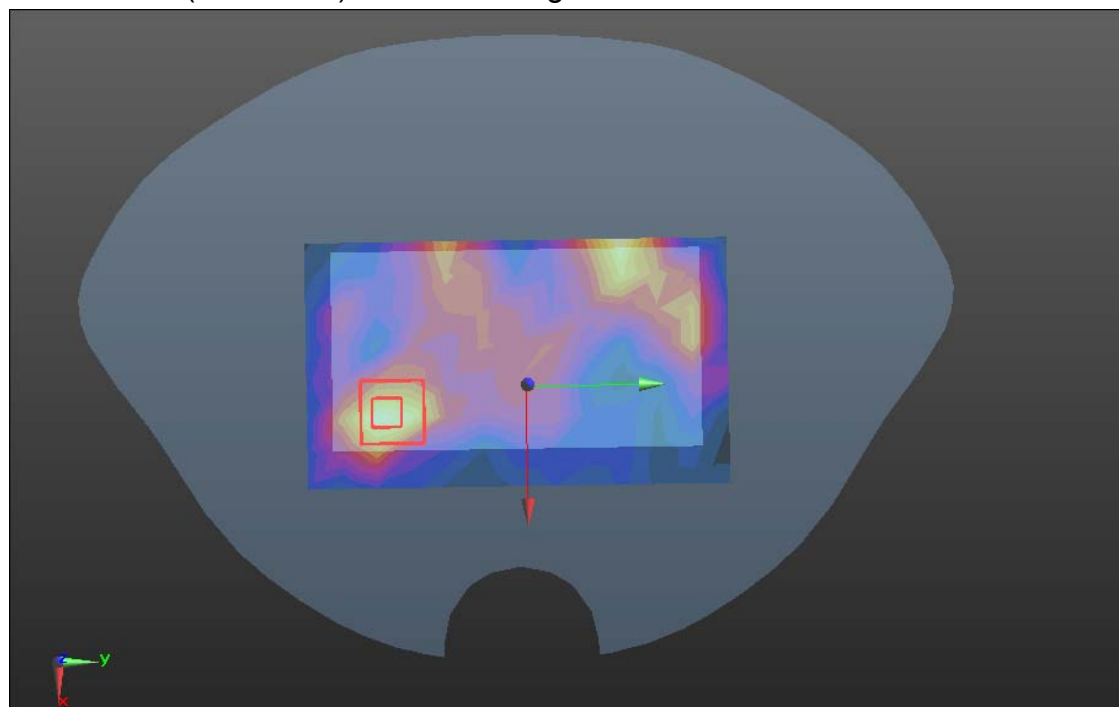
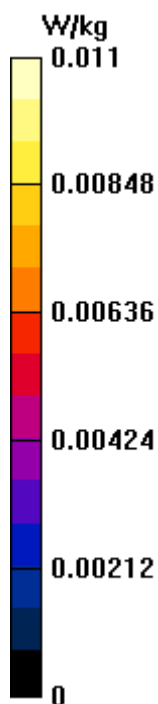
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.538 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0180 W/kg

**SAR(1 g) = 0.00753 W/kg; SAR(10 g) = 0.00413 W/kg**

Maximum value of SAR (measured) = 0.0106 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Body Rear Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 52.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.92, 6.92, 6.92); Calibrated: 7/25/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Rear Low CH1/Area Scan (13x7x1):** Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0513 W/kg

**WIFI/IEEE802.11b Body Rear Low CH1/Zoom Scan (7x7x7)/Cube 0:**

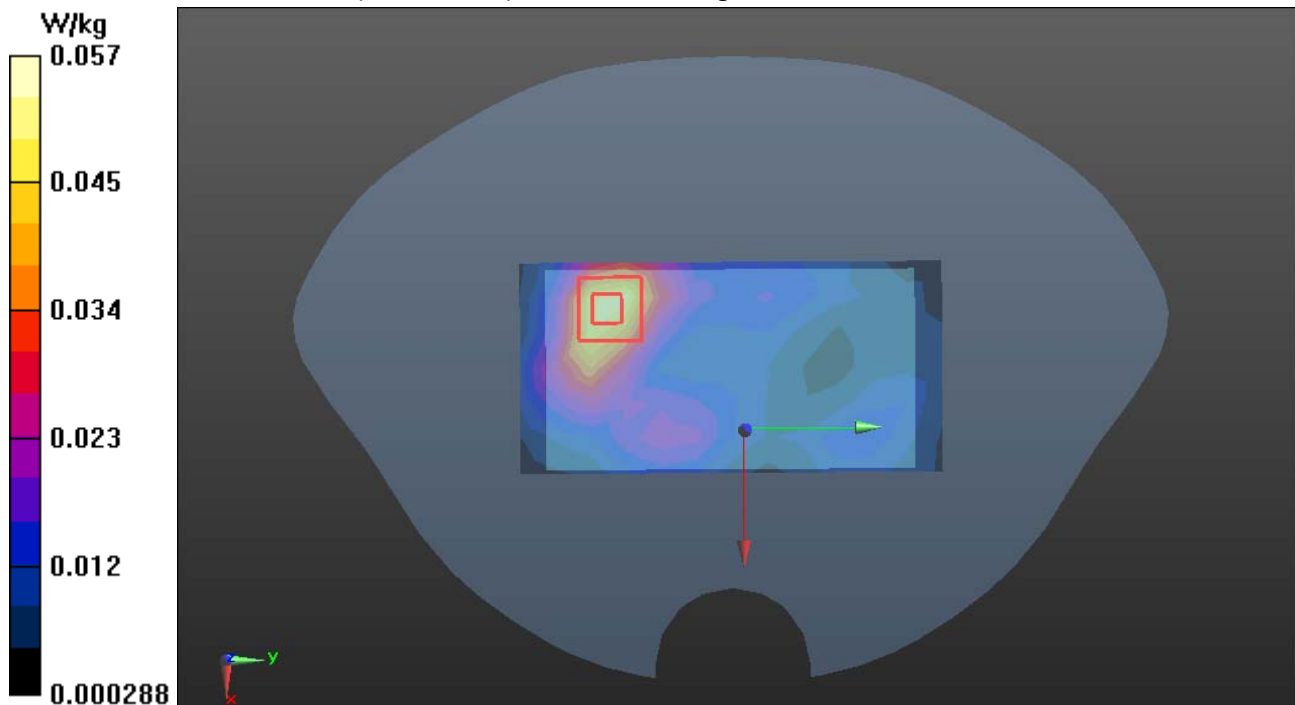
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.060 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0790 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.0566 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Body - Top Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 52.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.92, 6.92, 6.92); Calibrated: 7/25/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Top Low CH1/Area Scan (8x6x1):** Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0227 W/kg

**WIFI/IEEE802.11b Body Top Low CH1/Zoom Scan (7x7x7)/Cube 0:**

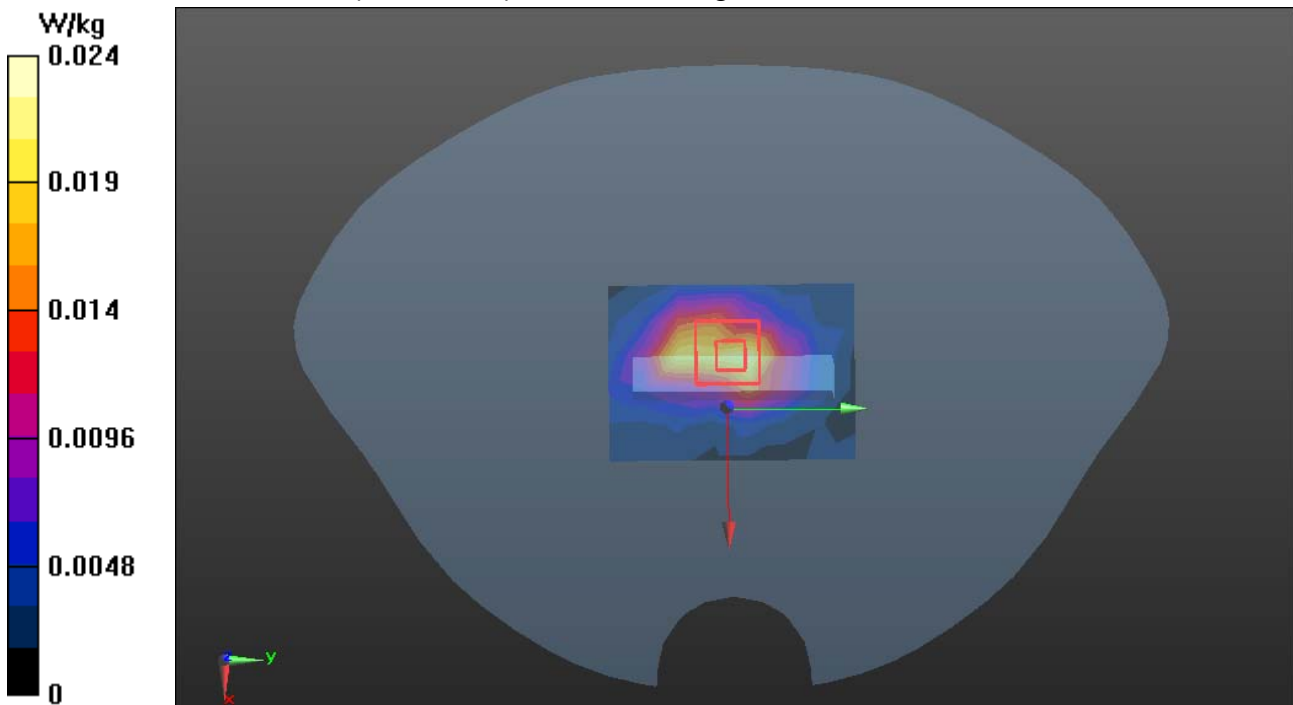
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.918 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.0350 W/kg

**SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00881 W/kg**

Maximum value of SAR (measured) = 0.0240 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 7/14/2013

**WIFI-Body Left Low CH1****DUT: Mobile Phone; Type: F9300; Serial: 358552013240534**

Communication System: IEEE 802.11b; Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.973$  S/m;  $\epsilon_r = 52.532$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22.8°C; Liquid Temperature: 20.1°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(6.92, 6.92, 6.92); Calibrated: 7/25/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/20/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WIFI/IEEE802.11b Body Left Low CH1/Area Scan (13x4x1):** Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.00878 W/kg

**WIFI/IEEE802.11b Body Left Low CH1/Zoom Scan (7x7x7)/Cube 0:**

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

Reference Value = 1.816 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0120 W/kg

**SAR(1 g) = 0.00689 W/kg; SAR(10 g) = 0.0037 W/kg**

Maximum value of SAR (measured) = 0.00984 W/kg

