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Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Right Head Cheek High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 40.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Right Head Cheek High CH251/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.338 W/kg

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

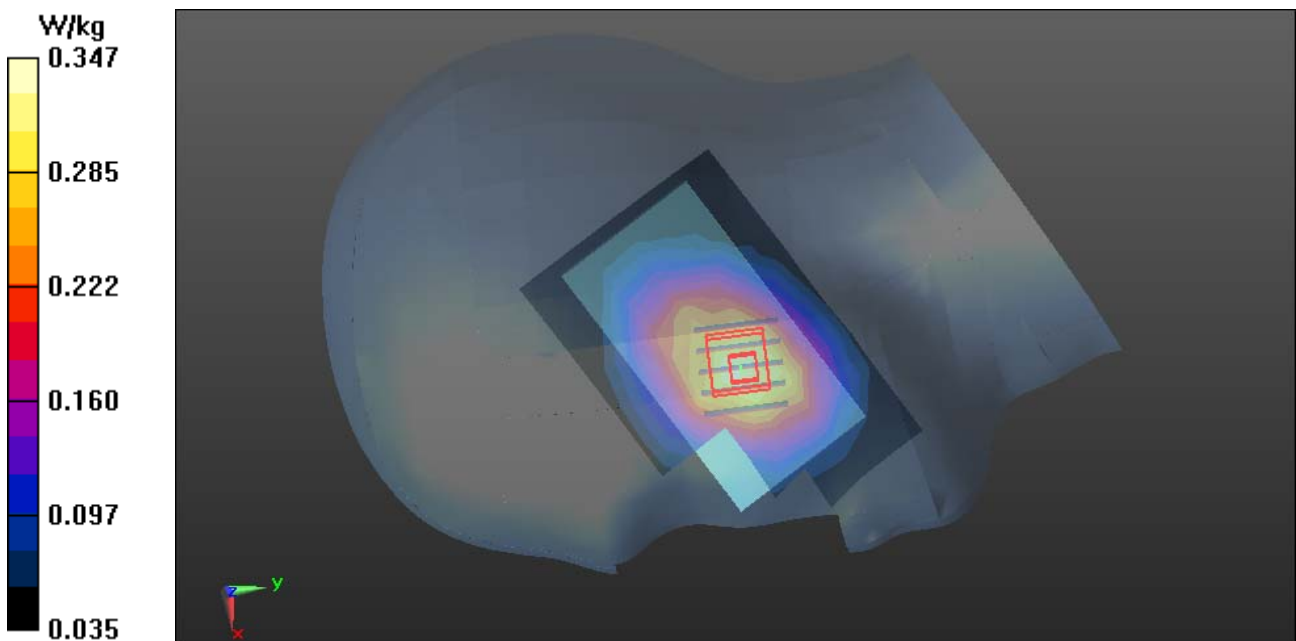
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.469 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 0.347 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Right Head Tilted High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.92$  S/m;  $\epsilon_r = 40.971$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Right Head Tilted High CH251/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.278 W/kg

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

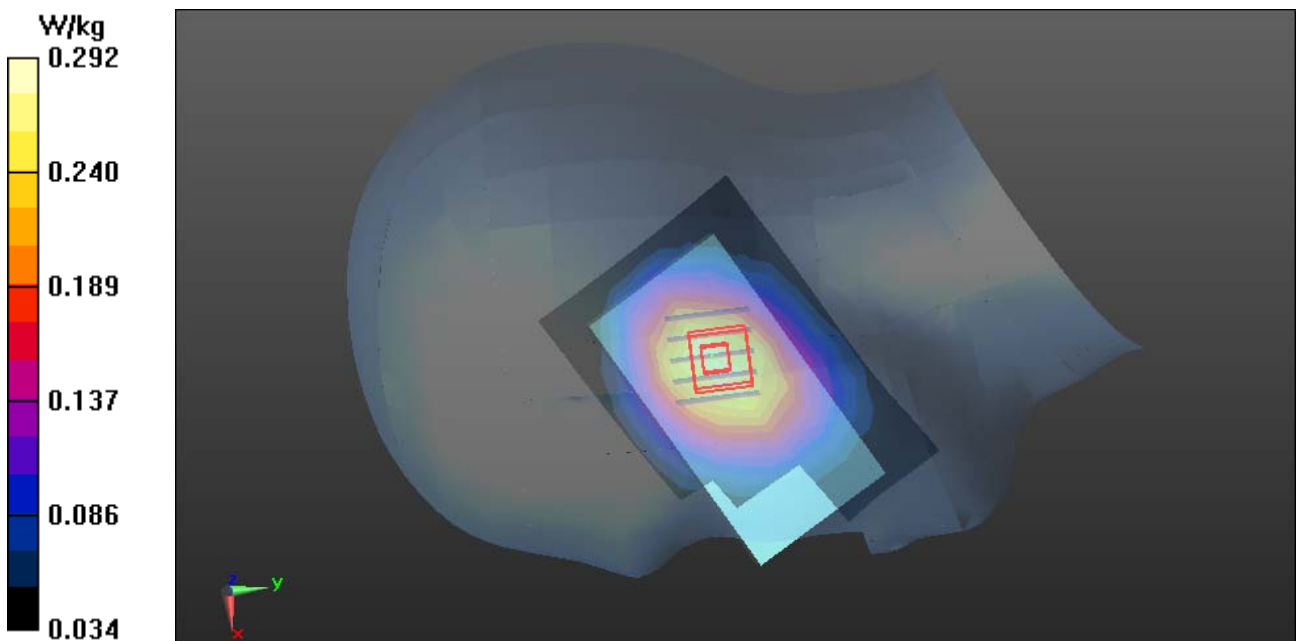
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.013 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.185 W/kg**

Maximum value of SAR (measured) = 0.292 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Left Head Cheek High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- 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 (7x10x1):**

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

Maximum value of SAR (measured) = 0.371 W/kg

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

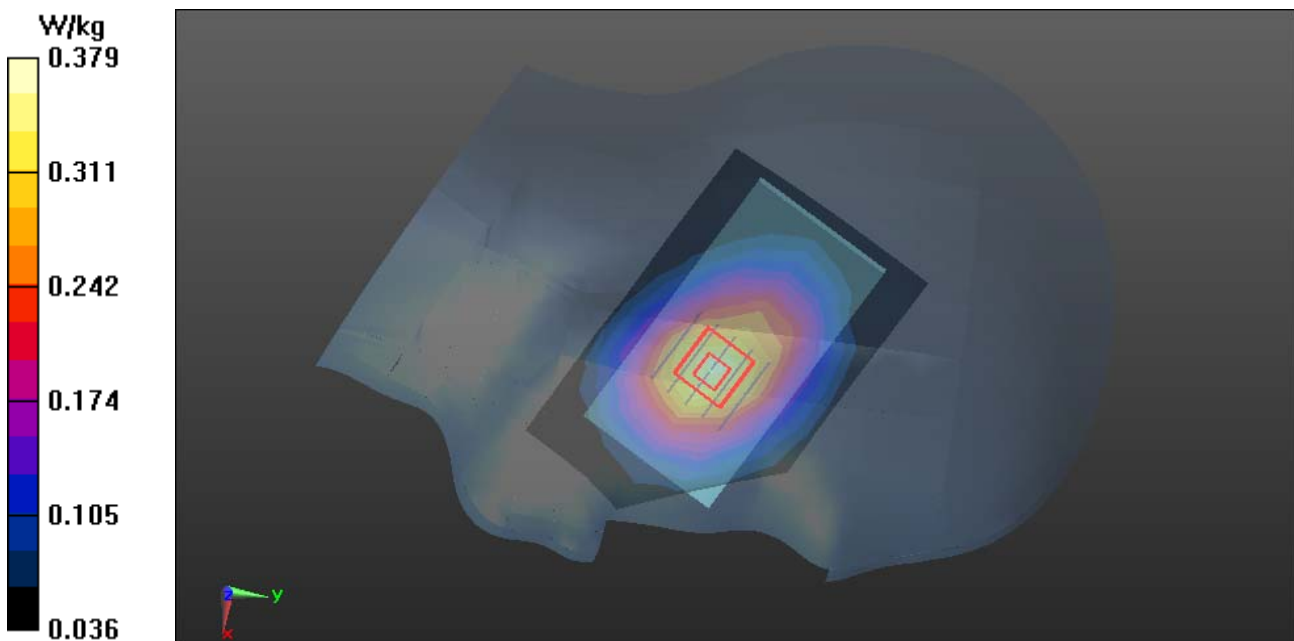
Measurement grid: dx=8mm, dy=8mm, dz=5mm

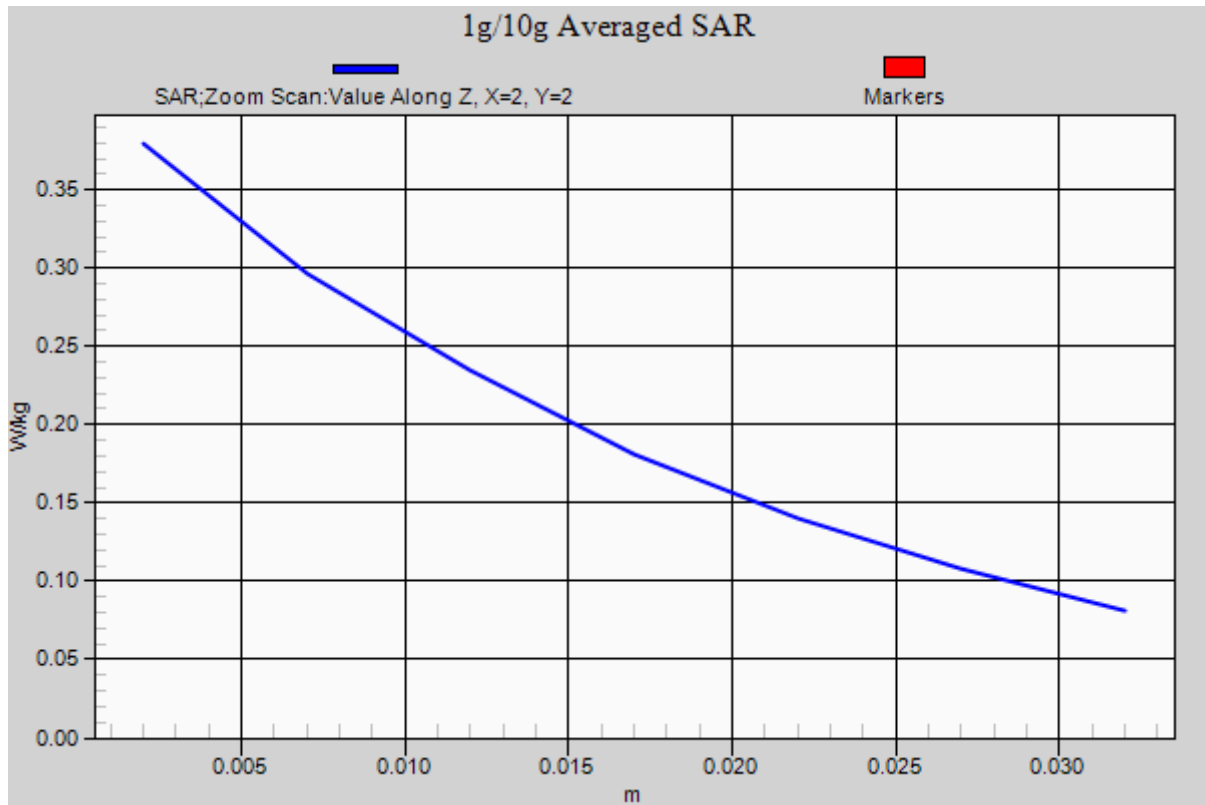
Reference Value = 10.395 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.415 W/kg

**SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.379 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Left Head Tilted High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz);

Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.182$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.16, 9.16, 9.16); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- 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 Tilted High CH251/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.285 W/kg

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

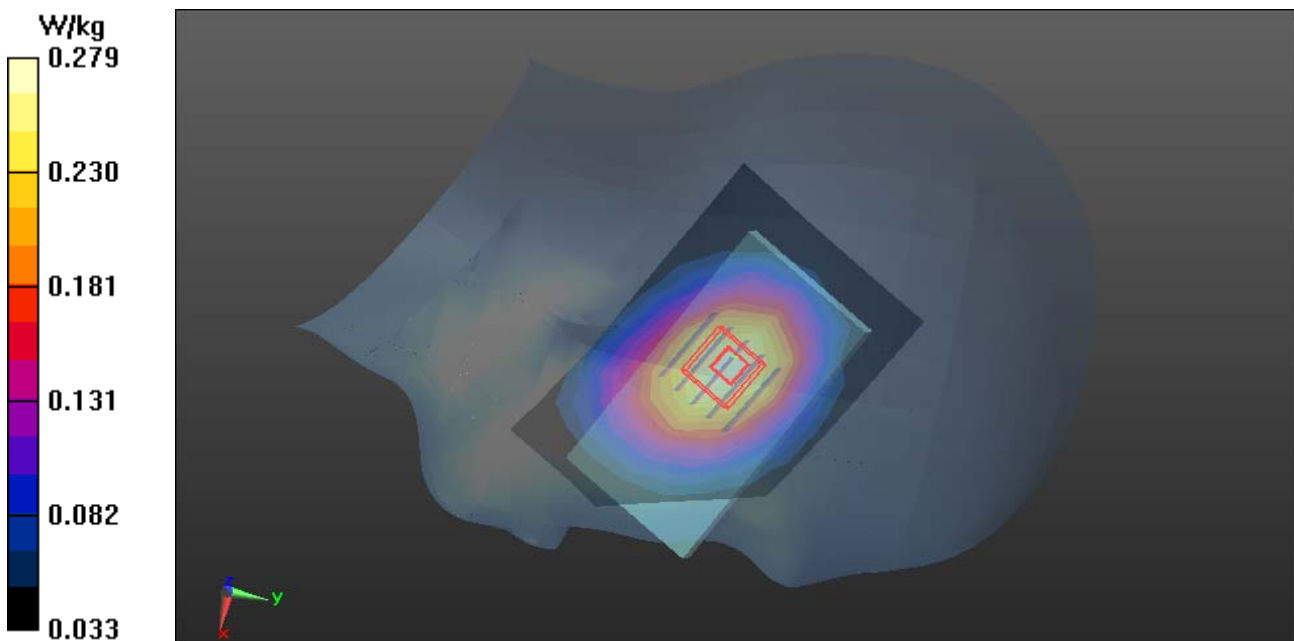
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.119 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.182 W/kg**

Maximum value of SAR (measured) = 0.279 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Right Head Cheek High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 38.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**PCS1900/Right Head Cheek High CH810/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.292 W/kg

**PCS1900/Right Head Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:**

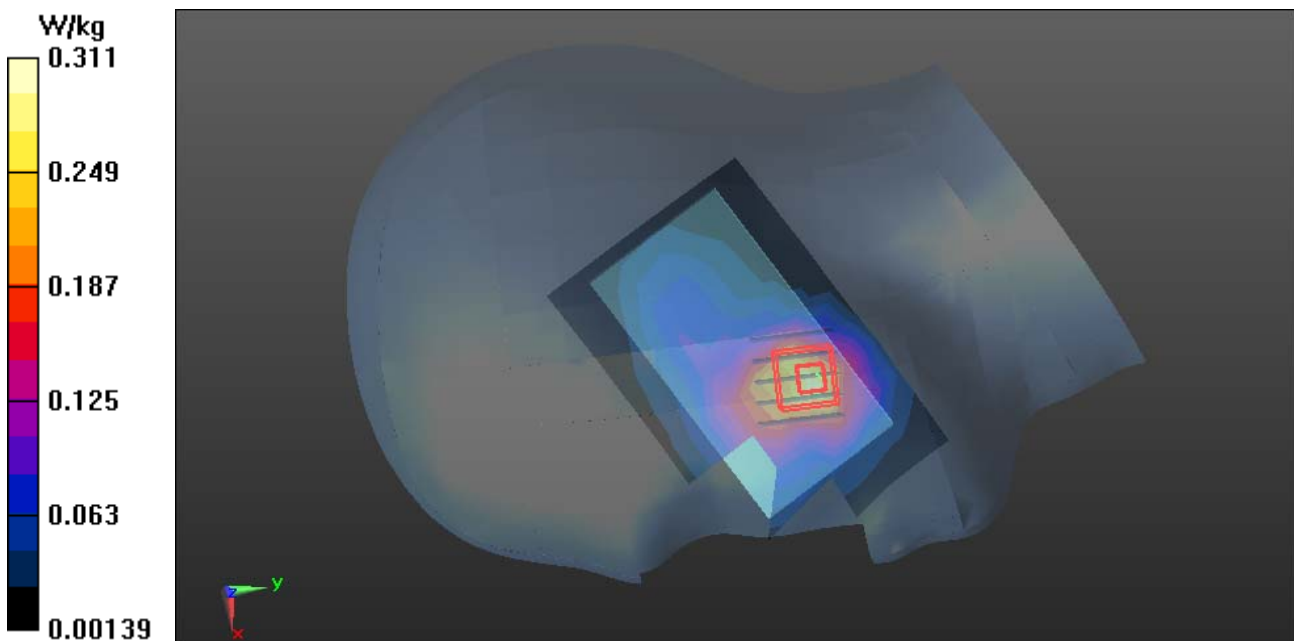
Measurement grid: dx=8mm, dy=8mm, dz=5mm

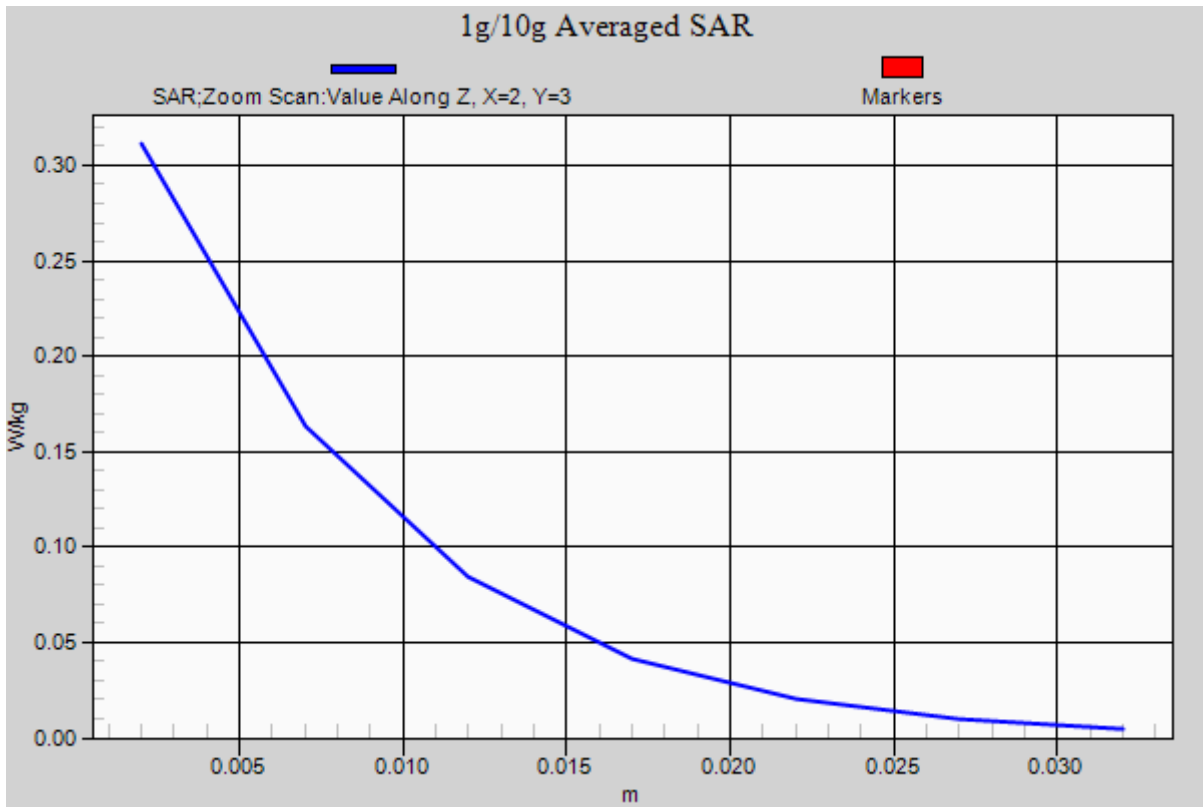
Reference Value = 6.454 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.409 W/kg

**SAR(1 g) = 0.220 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 0.311 W/kg









Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Right Head Tilted High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 38.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**PCS1900/Right Head Tilted High CH810/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.118 W/kg

**PCS1900/Right Head Tilted High CH810/Zoom Scan (5x5x7)/Cube 0:**

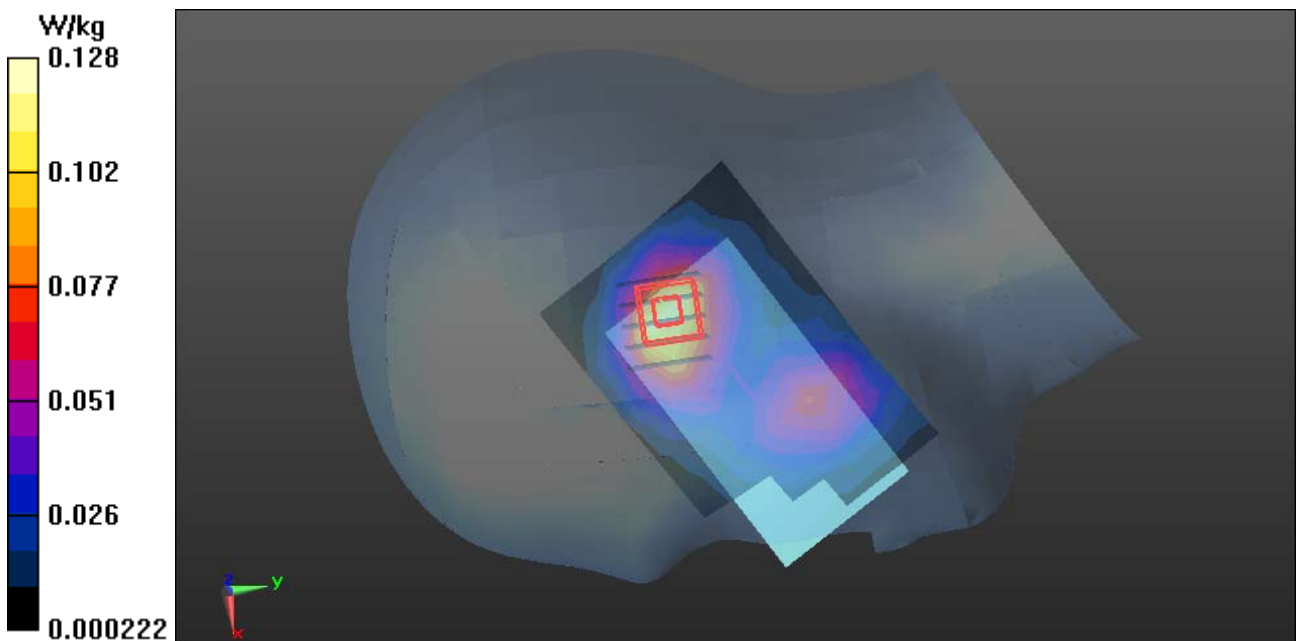
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.431 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.176 W/kg

**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.128 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Left Head Cheek High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 38.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**PCS1900/Left Head Cheek High CH810/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.245 W/kg

**PCS1900/Left Head Cheek High CH810/Zoom Scan (5x5x7)/Cube 0:**

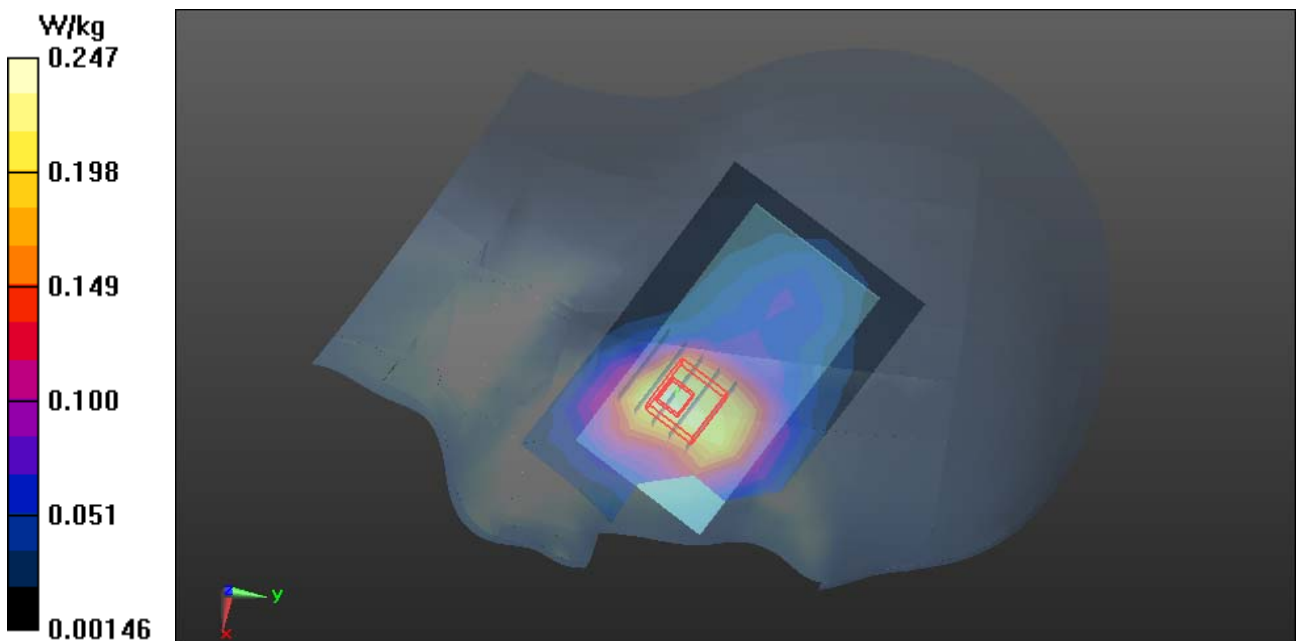
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.936 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.247 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Left Head Tilted High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.431$  S/m;  $\epsilon_r = 38.451$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**PCS1900/Left Head Tilted High CH810/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.140 W/kg

**PCS1900/Left Head Tilted High CH810/Zoom Scan (5x5x7)/Cube 0:**

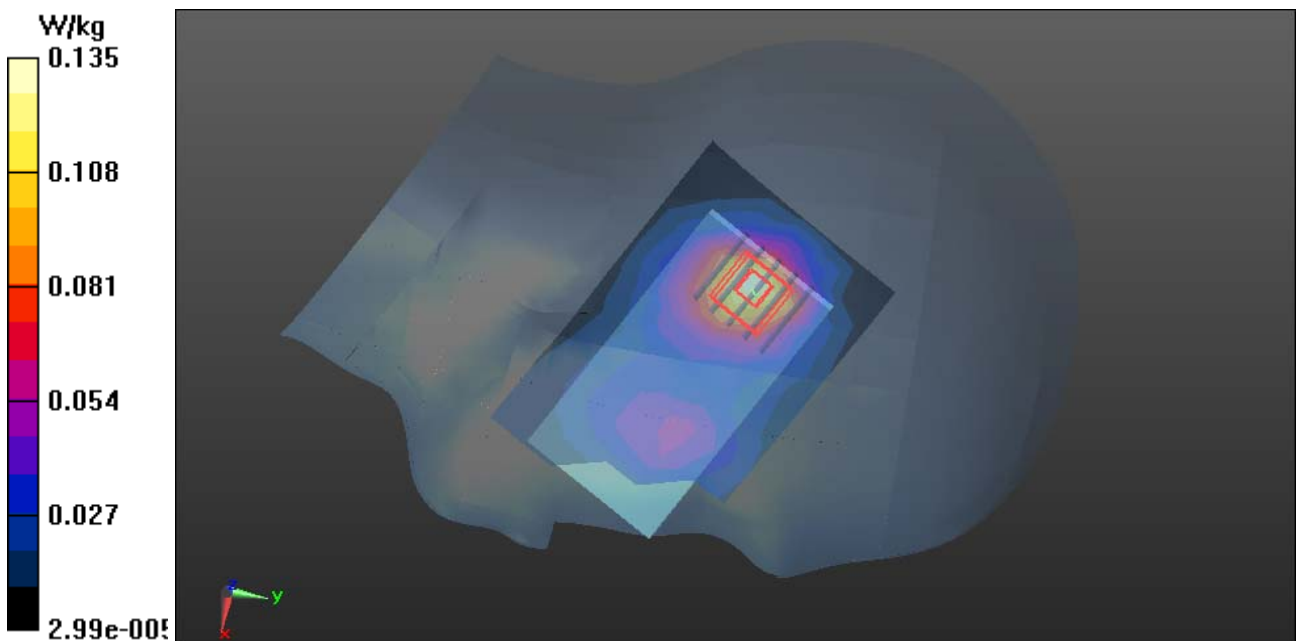
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.991 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.050 W/kg**

Maximum value of SAR (measured) = 0.135 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Right Head Cheek Low CH9262**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 38.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Right Head Cheek Low CH9262/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.48 W/kg

**WCDMA/Right Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0:**

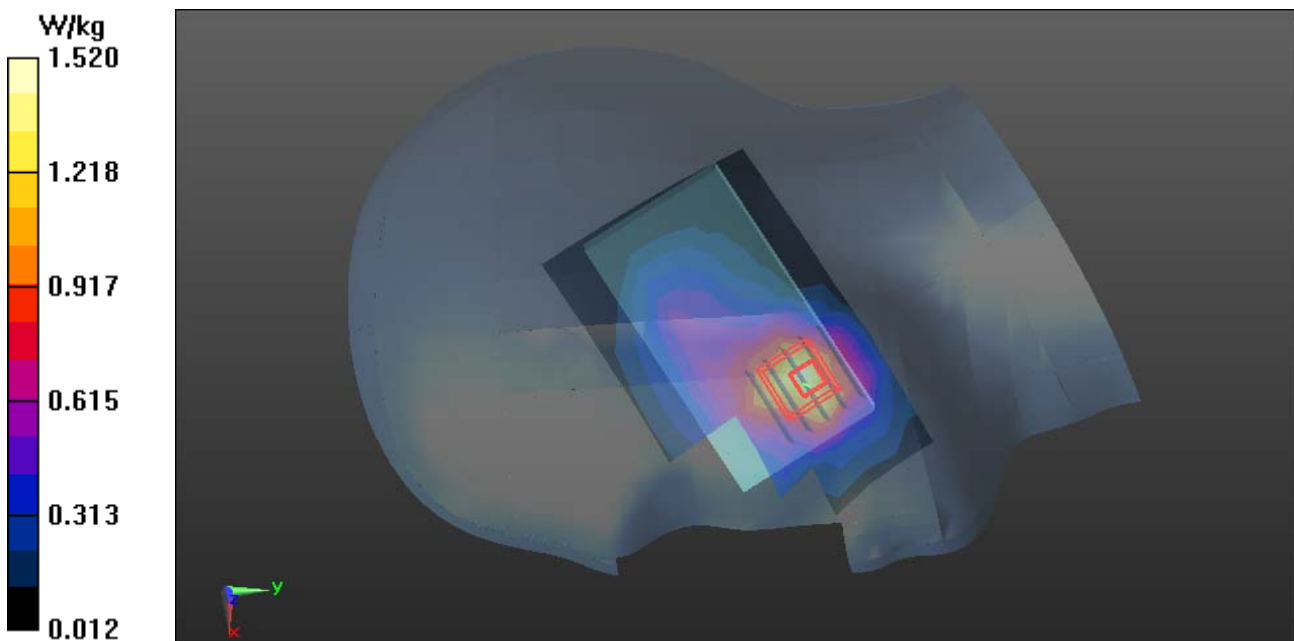
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.433 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.585 W/kg**

Maximum value of SAR (measured) = 1.52 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Right Head Cheek Middle CH9400**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 38.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Right Head Cheek Middle CH9400/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.51 W/kg

**WCDMA/Right Head Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0:**

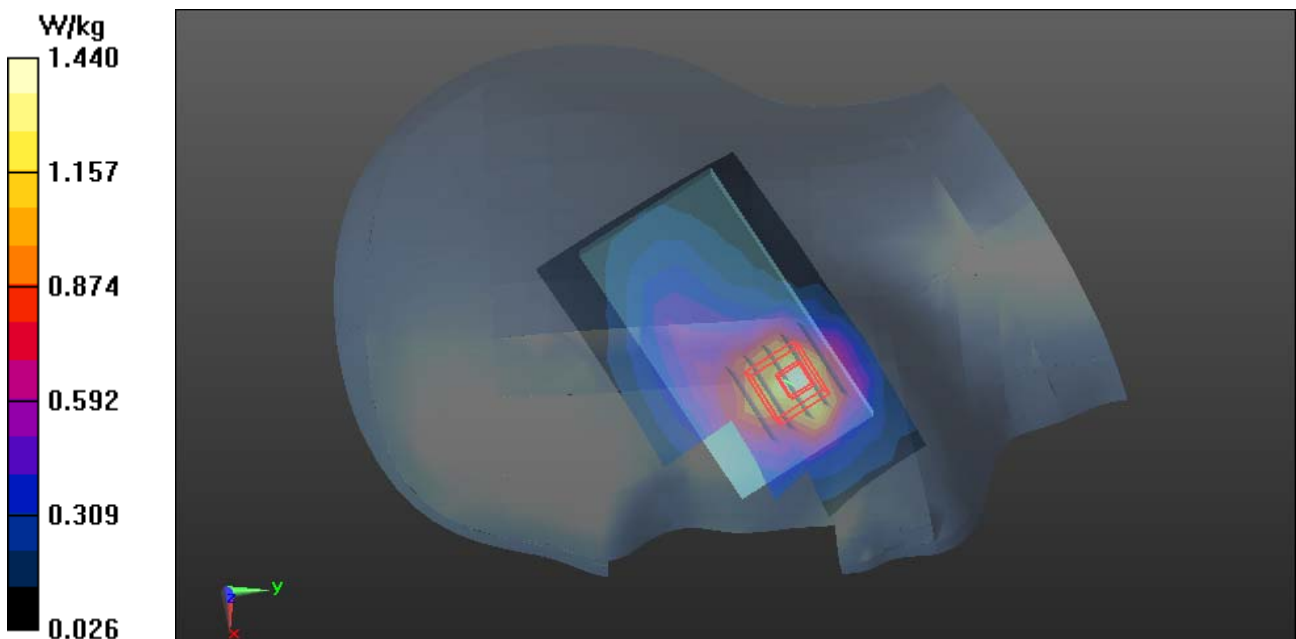
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.514 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.577 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Right Head Cheek Middle CH9400 Repeat**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 38.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Right Head Cheek Middle CH9400 Repeat/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.50 W/kg

**WCDMA/Right Head Cheek Middle CH9400 Repeat/Zoom Scan (5x5x7)/Cube 0:**

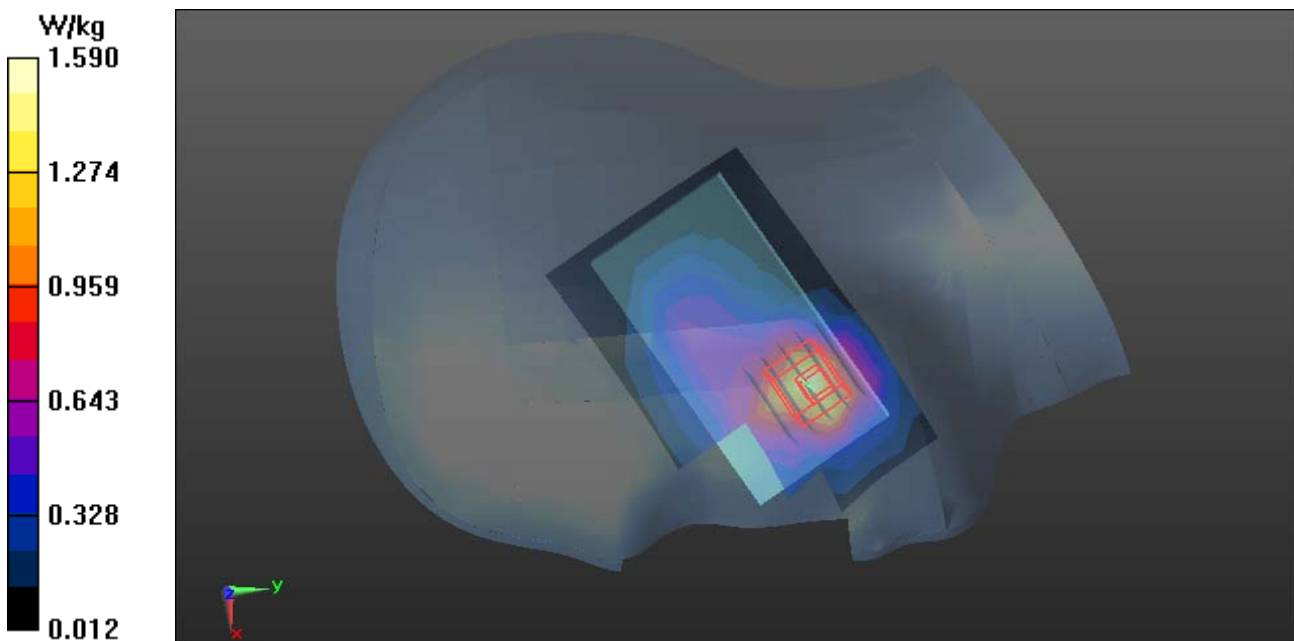
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.246 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.610 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Right Head Cheek High CH9538**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 38.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Right Head Cheek High CH9538/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.85 W/kg

**WCDMA/Right Head Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0:**

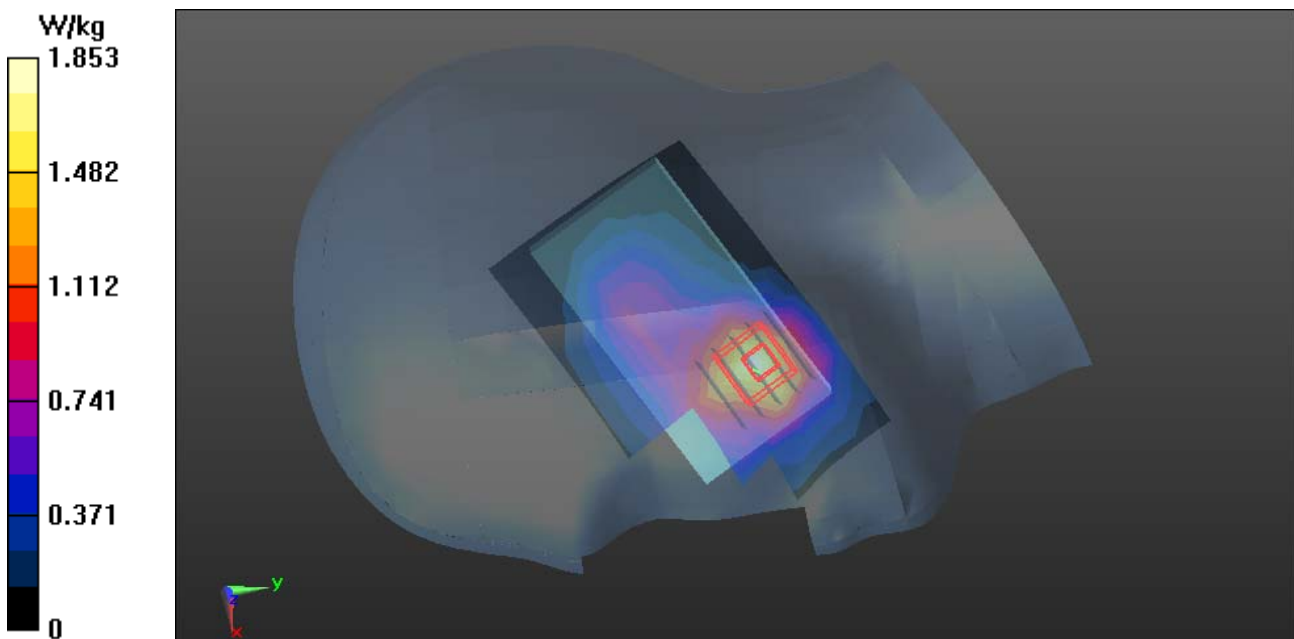
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.256 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.457 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Right Head Tilted Middle CH9400**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 38.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Right Head Tilted Middle CH9400/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.560 W/kg

**WCDMA/Right Head Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0:**

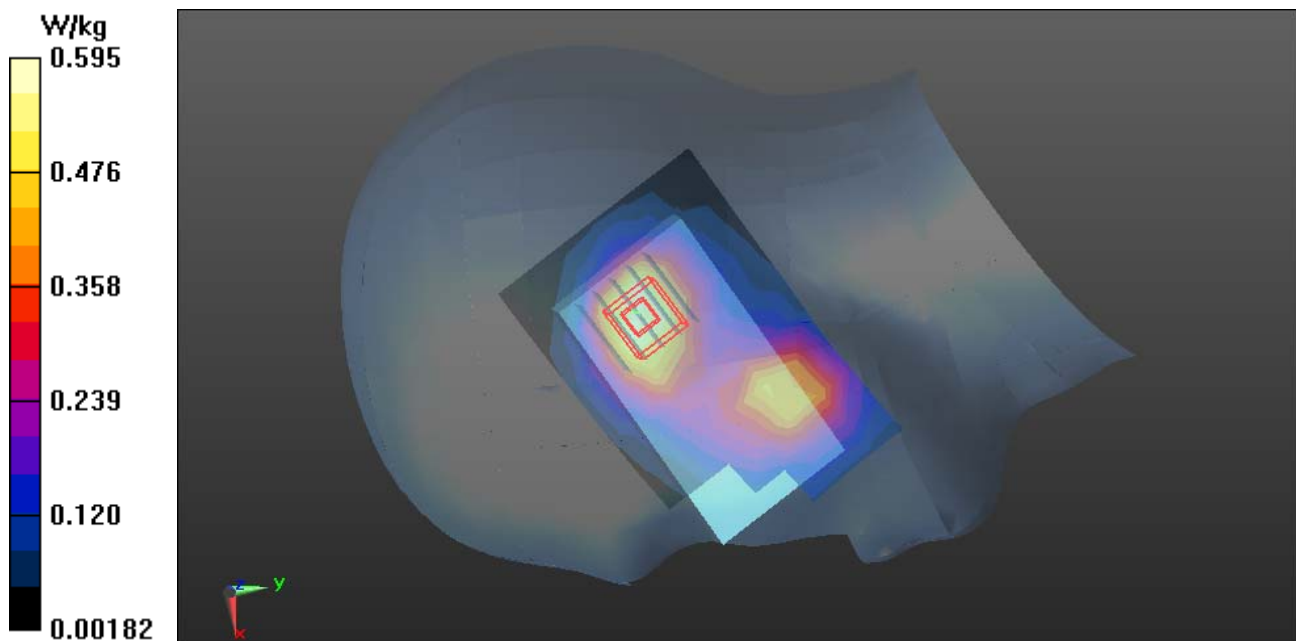
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.708 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.792 W/kg

**SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.239 W/kg**

Maximum value of SAR (measured) = 0.595 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Left Head Cheek Low CH9262**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.384$  S/m;  $\epsilon_r = 38.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DAS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Left Head Cheek Low CH9262/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.12 W/kg

**WCDMA/Left Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0:**

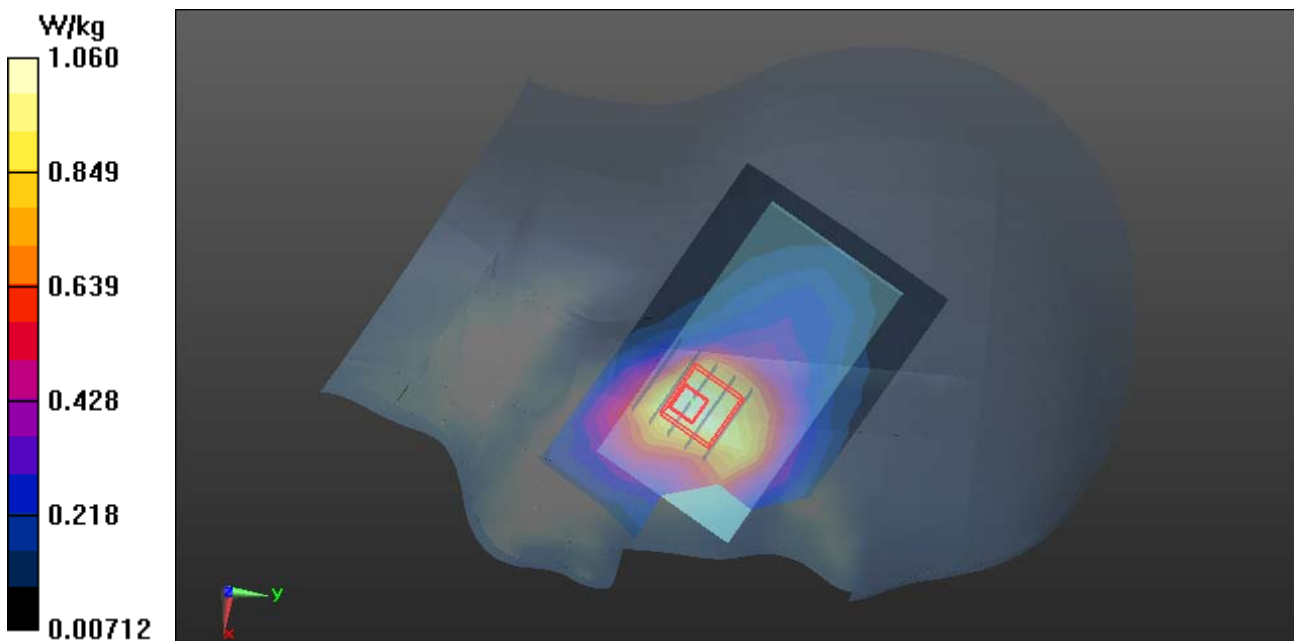
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.293 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.433 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Left Head Cheek Middle CH9400**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 38.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DAS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Left Head Cheek Middle CH9400/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.17 W/kg

**WCDMA/Left Head Cheek Middle CH9400/Zoom Scan (5x5x7)/Cube 0:**

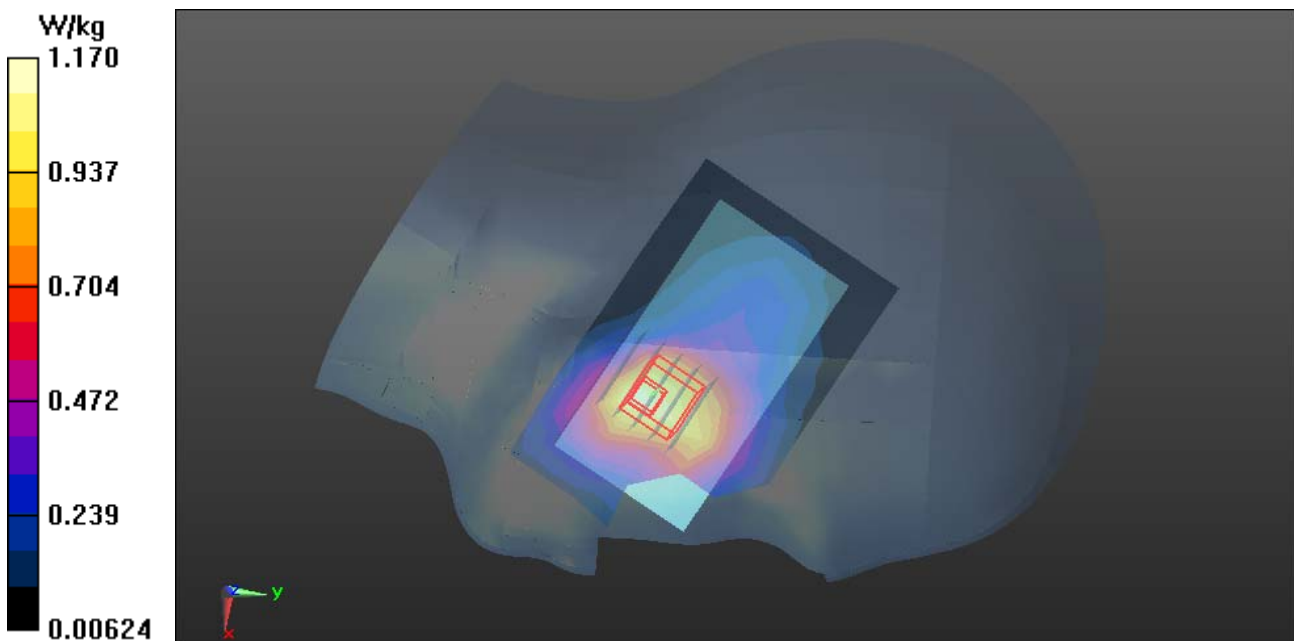
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.247 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.472 W/kg**

Maximum value of SAR (measured) = 1.17 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Left Head Cheek High CH9538**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 38.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Left Head Cheek High CH9538/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.75 W/kg

**WCDMA/Left Head Cheek High CH9538/Zoom Scan (5x5x7)/Cube 0:**

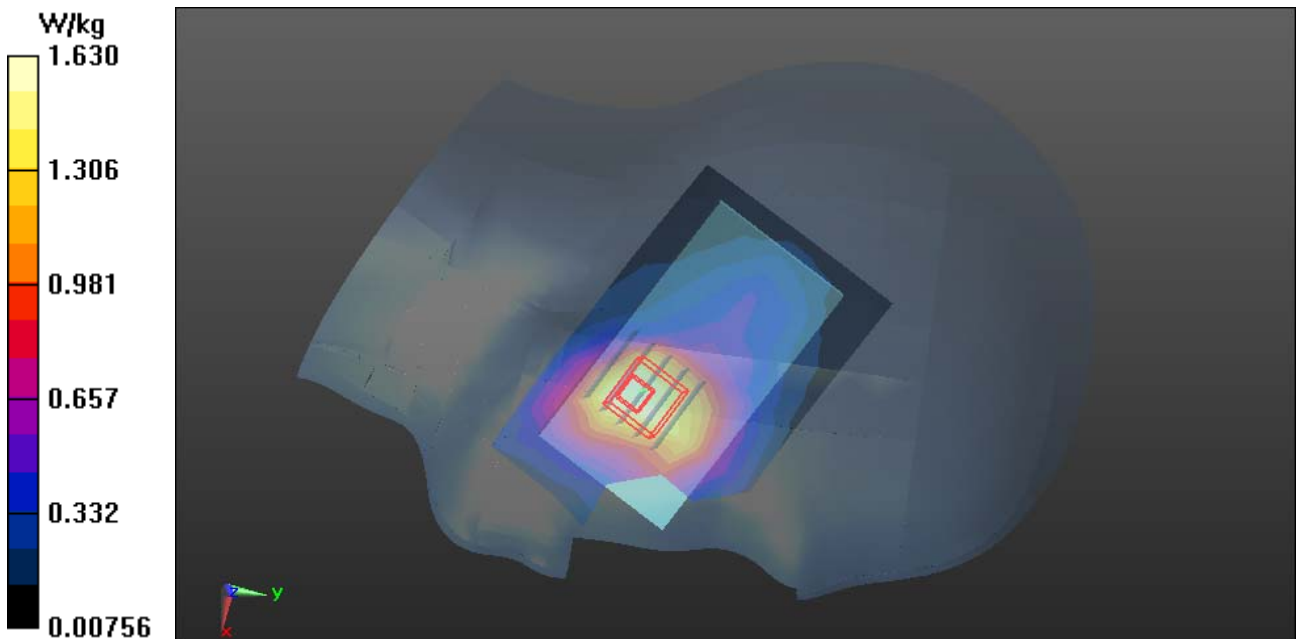
Measurement grid: dx=8mm, dy=8mm, dz=5mm

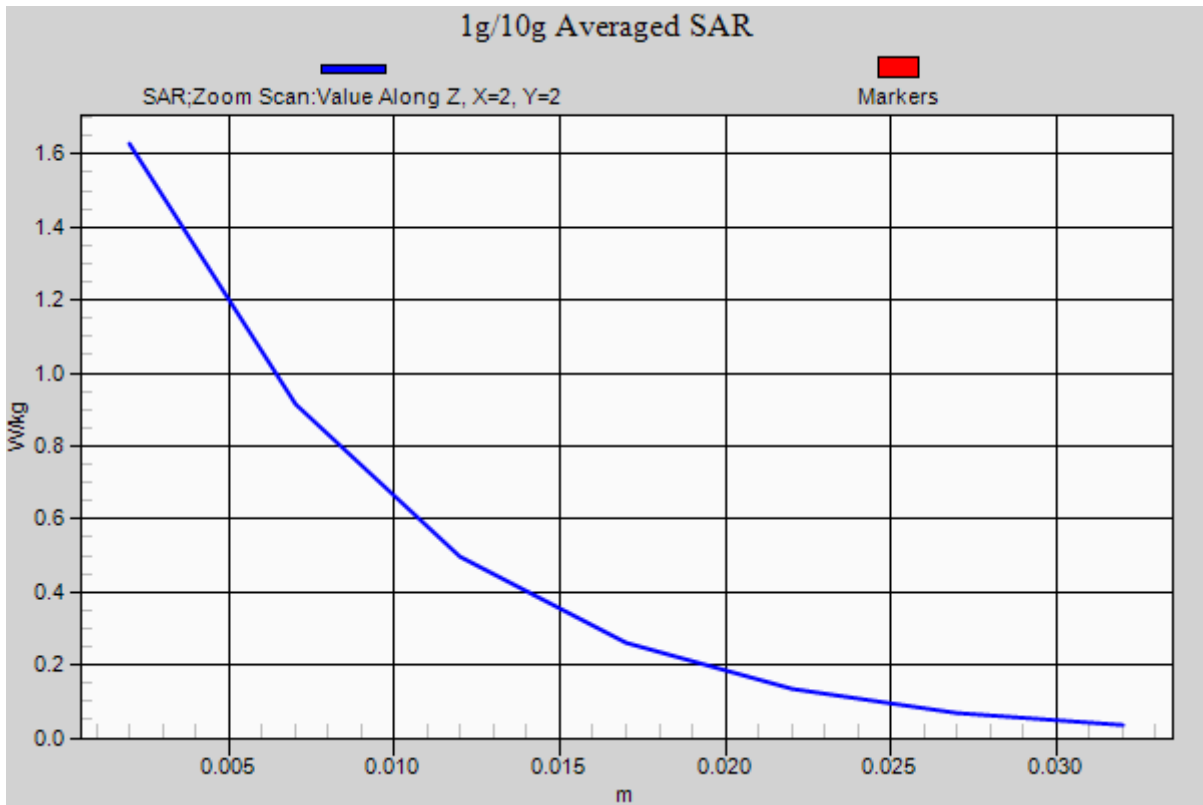
Reference Value = 20.610 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.654 W/kg**

Maximum value of SAR (measured) = 1.63 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Left Head Cheek High CH9538 repeated**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 38.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Left Head Cheek High CH9538 repeated/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 1.59 W/kg

**WCDMA/Left Head Cheek High CH9538 repeated/Zoom Scan (5x5x7)/Cube 0:**

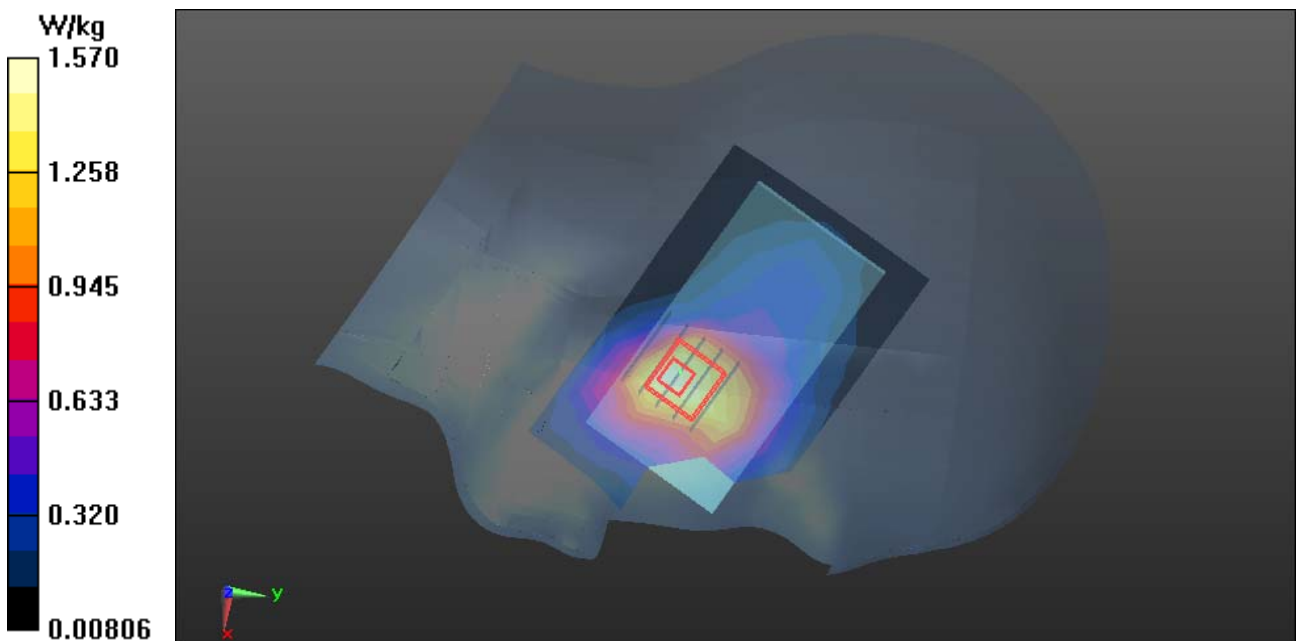
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.000 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.629 W/kg**

Maximum value of SAR (measured) = 1.57 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Left Head Tilted Middle CH9400**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: FDD WCDMA; Communication System Band: Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.406$  S/m;  $\epsilon_r = 38.518$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Left Head Tilted Middle CH9400/Area Scan (7x10x1):**

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

Maximum value of SAR (measured) = 0.538 W/kg

**WCDMA/Left Head Tilted Middle CH9400/Zoom Scan (5x5x7)/Cube 0:**

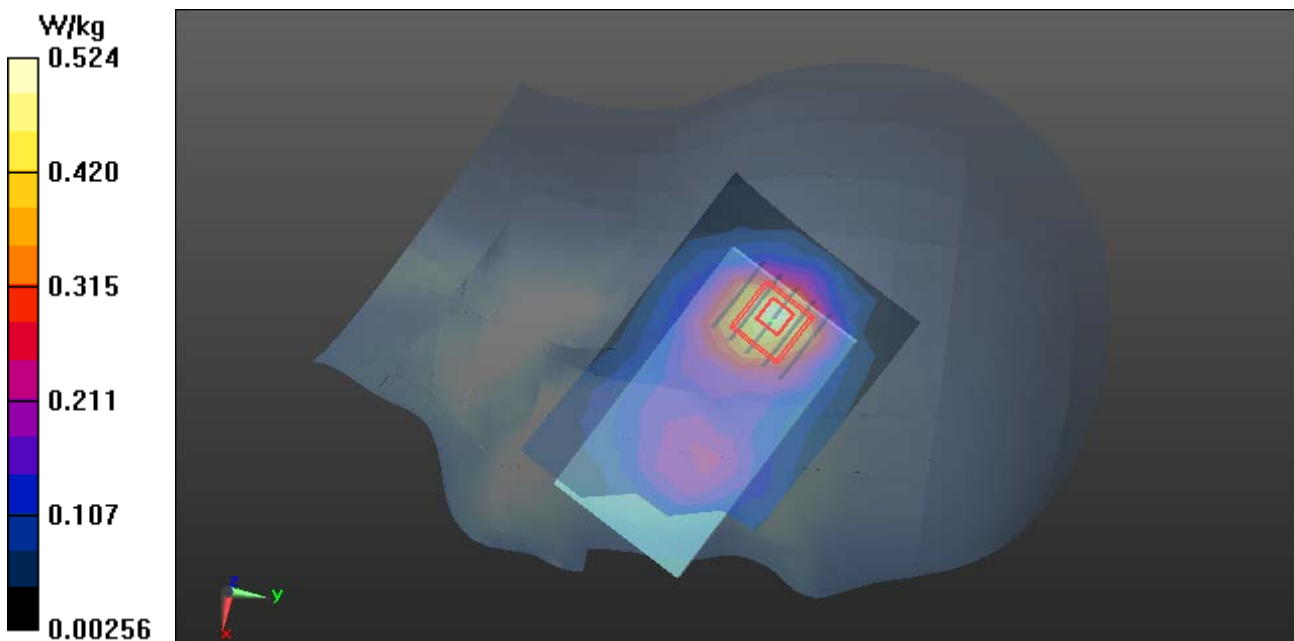
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.814 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.715 W/kg

**SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.204 W/kg**

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





Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Front High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS850; Frequency: 848.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.968$  S/m;  $\epsilon_r = 52.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 850/GPRS850 Body Front High CH251/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 0.788 W/kg

**GPRS 850/GPRS850 Body Front High CH251/Zoom Scan (5x5x7)/Cube 0:**

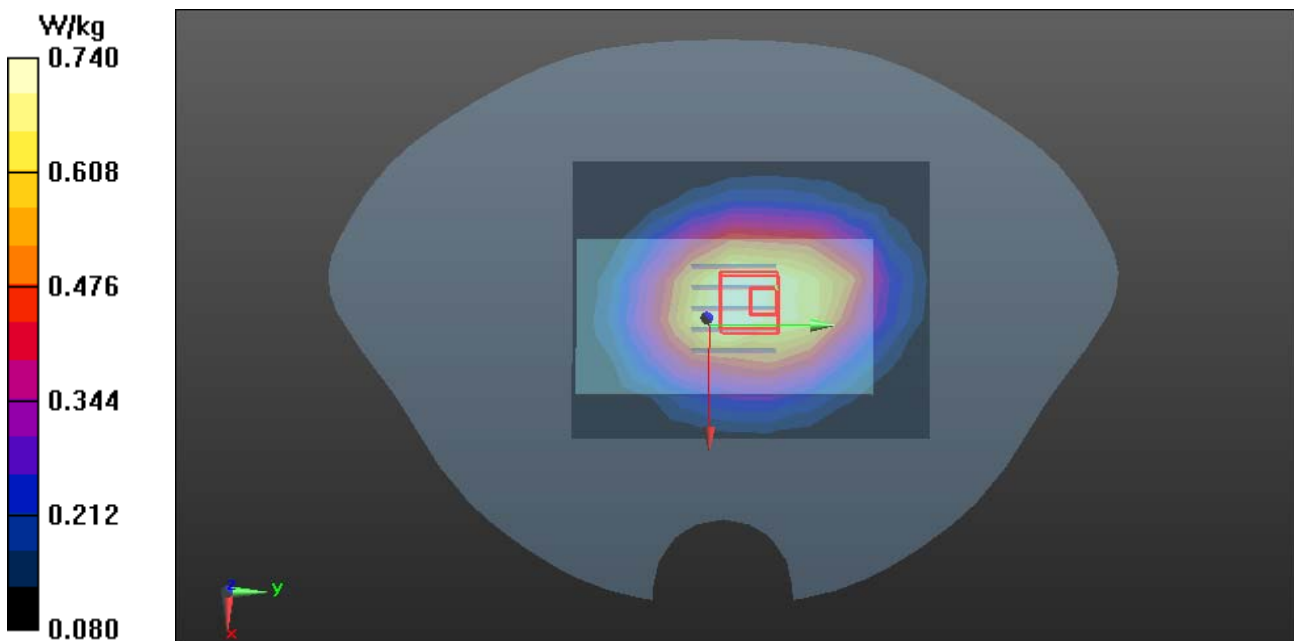
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.538 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.860 W/kg

**SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.449 W/kg**

Maximum value of SAR (measured) = 0.740 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Rear Low CH128**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 53.006$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 850/GPRS850 Body Rear Low CH128/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.15 W/kg

**GPRS 850/GPRS850 Body Rear Low CH128/Zoom Scan (5x5x7)/Cube 0:**

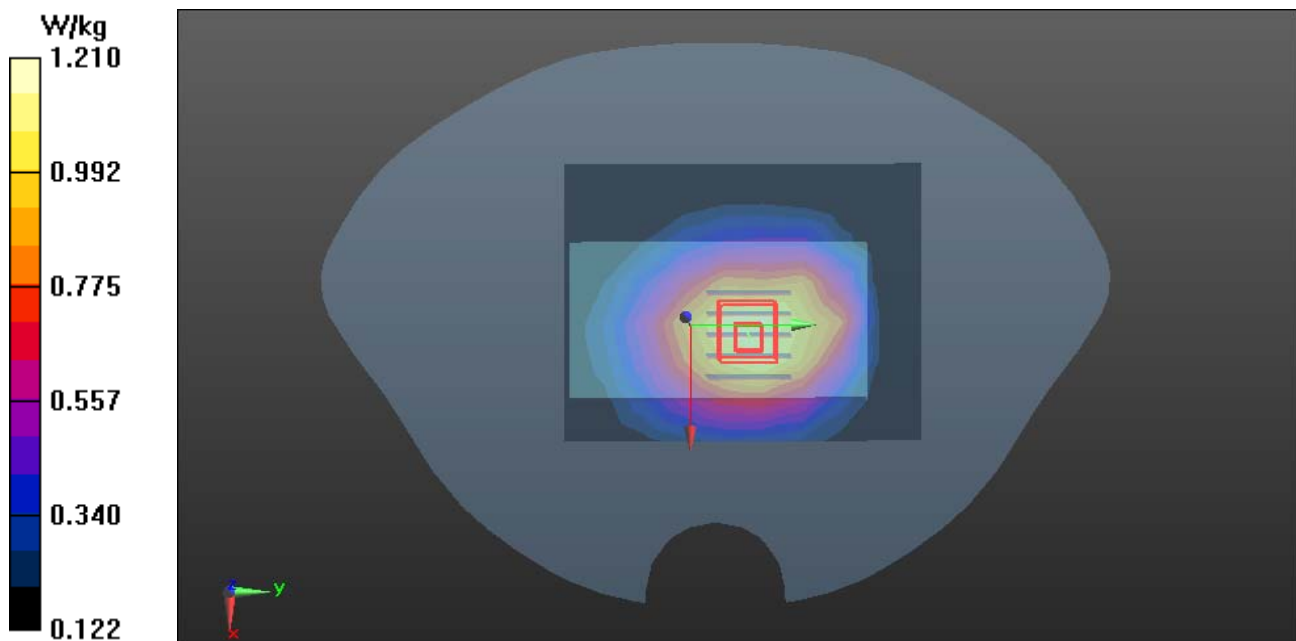
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.397 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.37 W/kg

**SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.727 W/kg**

Maximum value of SAR (measured) = 1.21 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Rear Middle CH190**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS850; Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.956$  S/m;  $\epsilon_r = 52.88$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 850/GPRS850 Body Rear Middle CH190/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.24 W/kg

**GPRS 850/GPRS850 Body Rear Middle CH190/Zoom Scan (5x5x7)/Cube 0:**

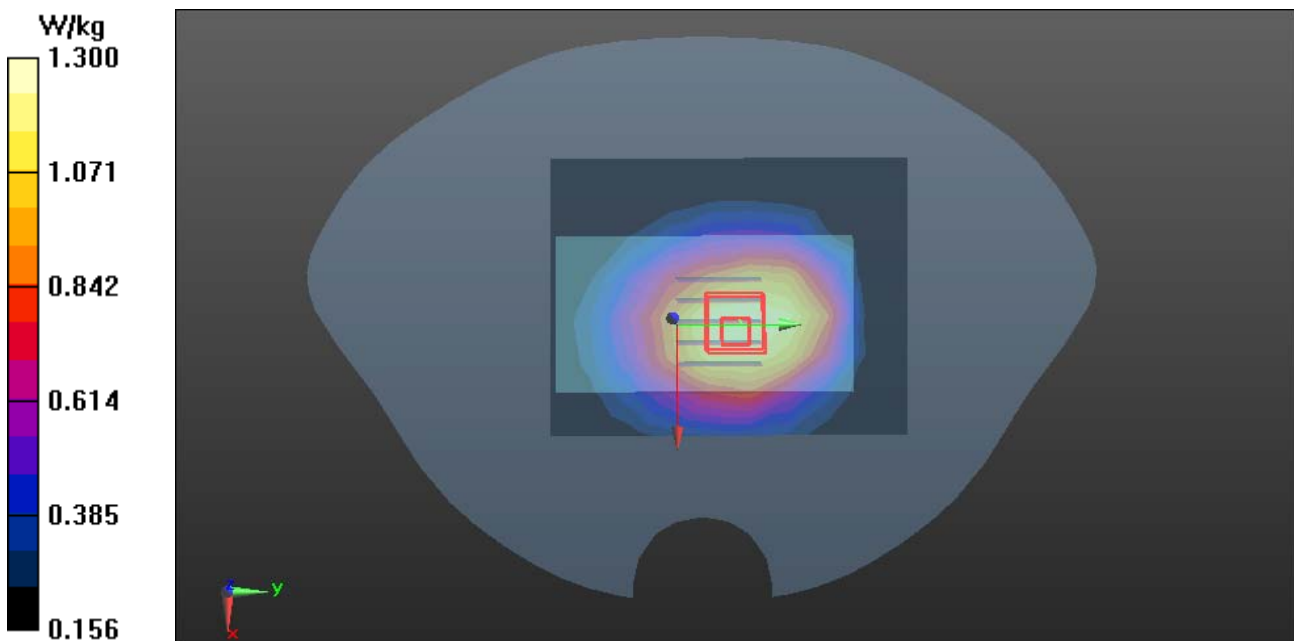
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.869 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.49 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.762 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Rear High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS850; Frequency: 848.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.968$  S/m;  $\epsilon_r = 52.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 850/GPRS850 Body Rear High CH251/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.19 W/kg

**GPRS 850/GPRS850 Body Rear High CH251/Zoom Scan (5x5x7)/Cube 0:**

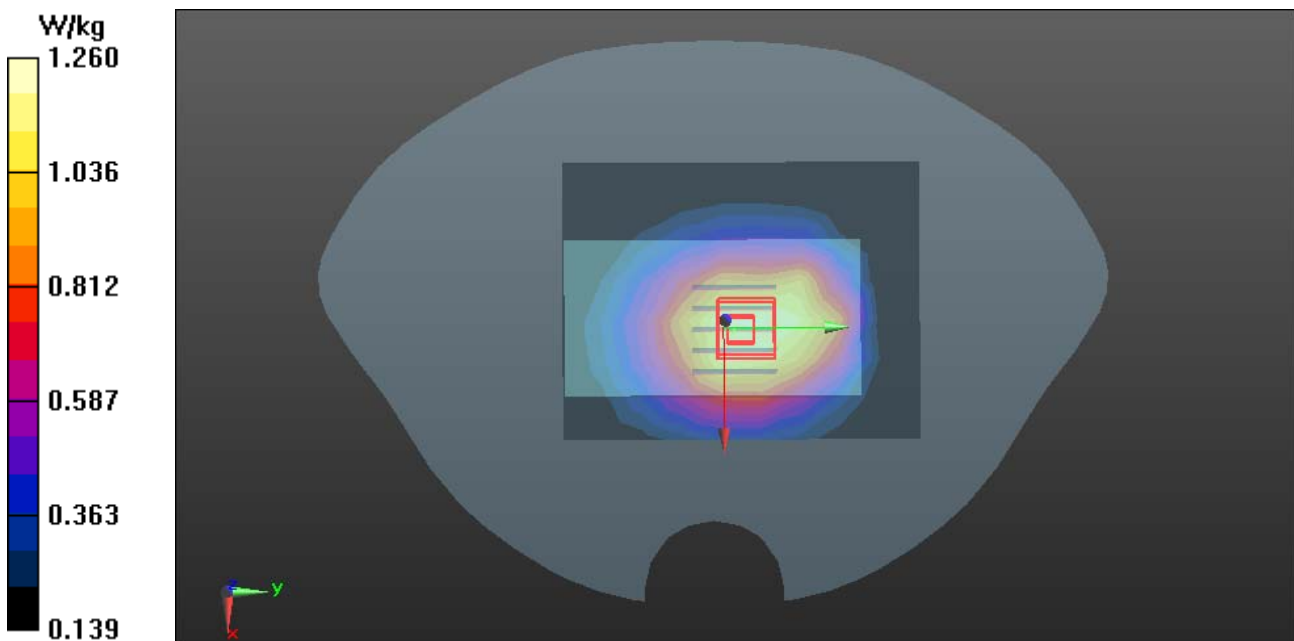
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.526 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.43 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.769 W/kg**

Maximum value of SAR (measured) = 1.26 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Rear High CH251 Repeat**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS850; Frequency: 848.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.968$  S/m;  $\epsilon_r = 52.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 850/GPRS850 Body Rear High CH251 Repeat/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.20 W/kg

**GPRS 850/GPRS850 Body Rear High CH251 Repeat/Zoom Scan (5x5x7)/Cube 0:**

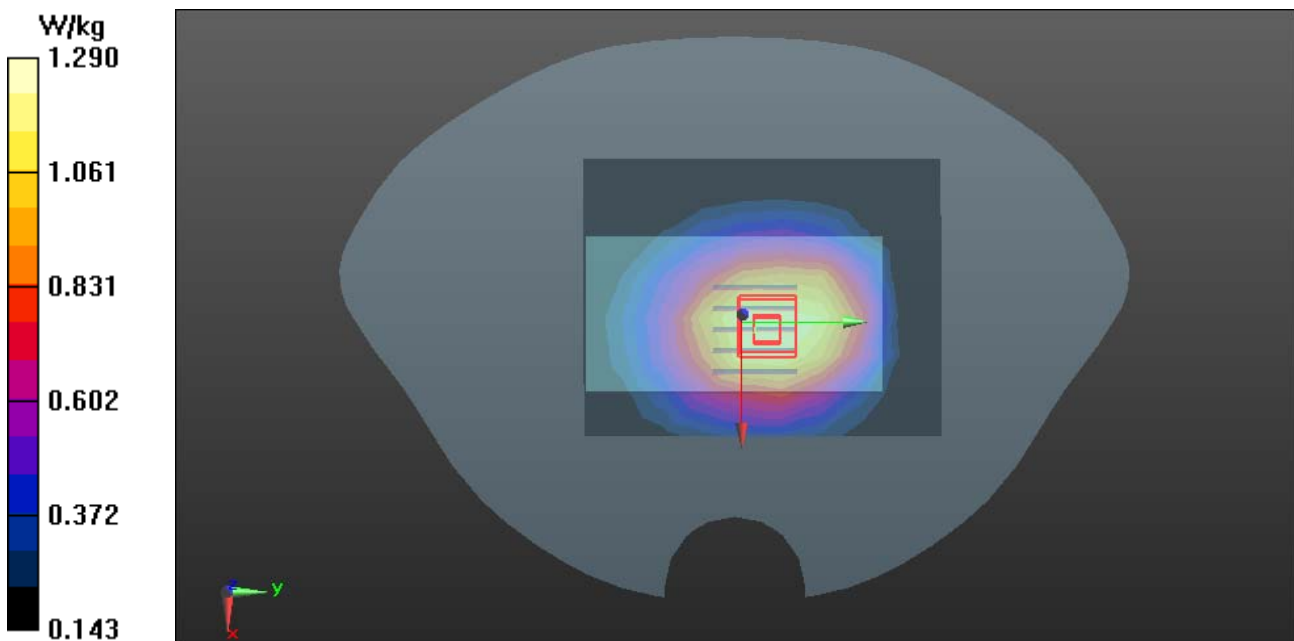
Measurement grid: dx=8mm, dy=8mm, dz=5mm

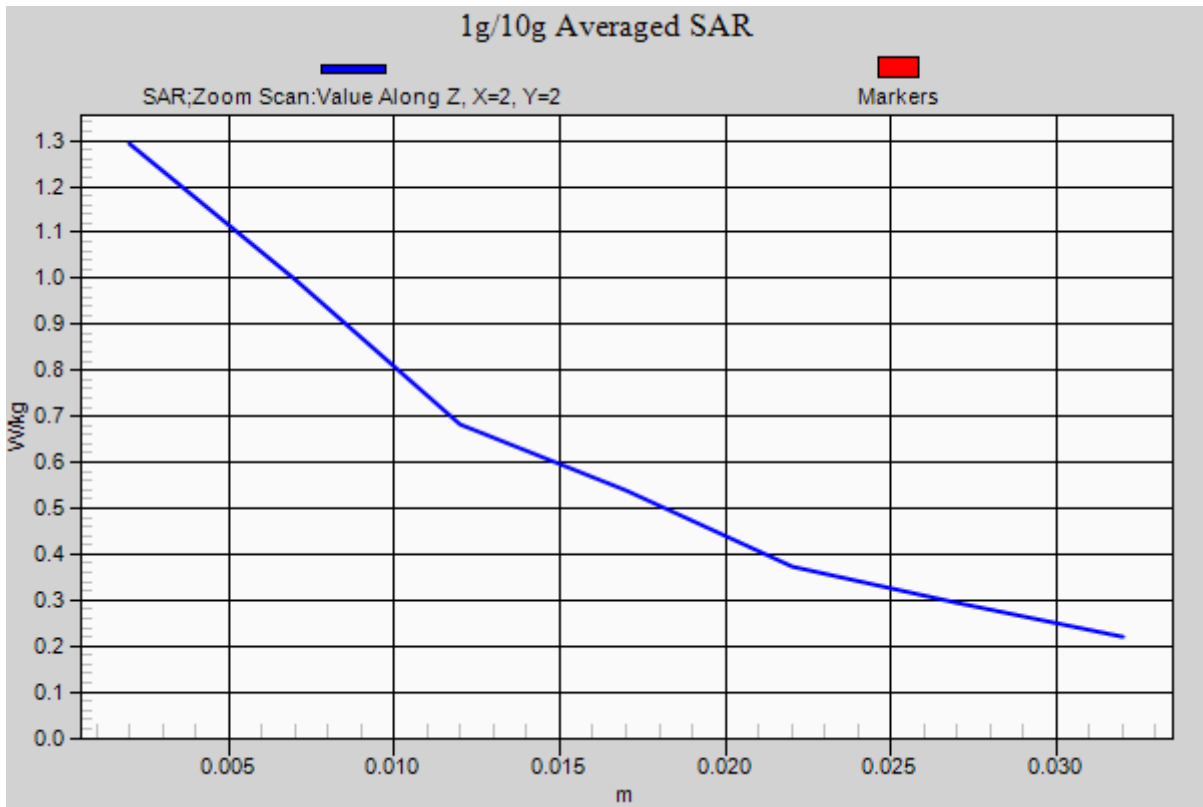
Reference Value = 35.667 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.789 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GSM 850-Body Rear High CH251**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.968$  S/m;  $\epsilon_r = 52.759$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM 850/GSM850 Body Rear High CH251/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 0.463 W/kg

**GSM 850/GSM850 Body Rear High CH251/Zoom Scan (5x5x7)/Cube 0:**

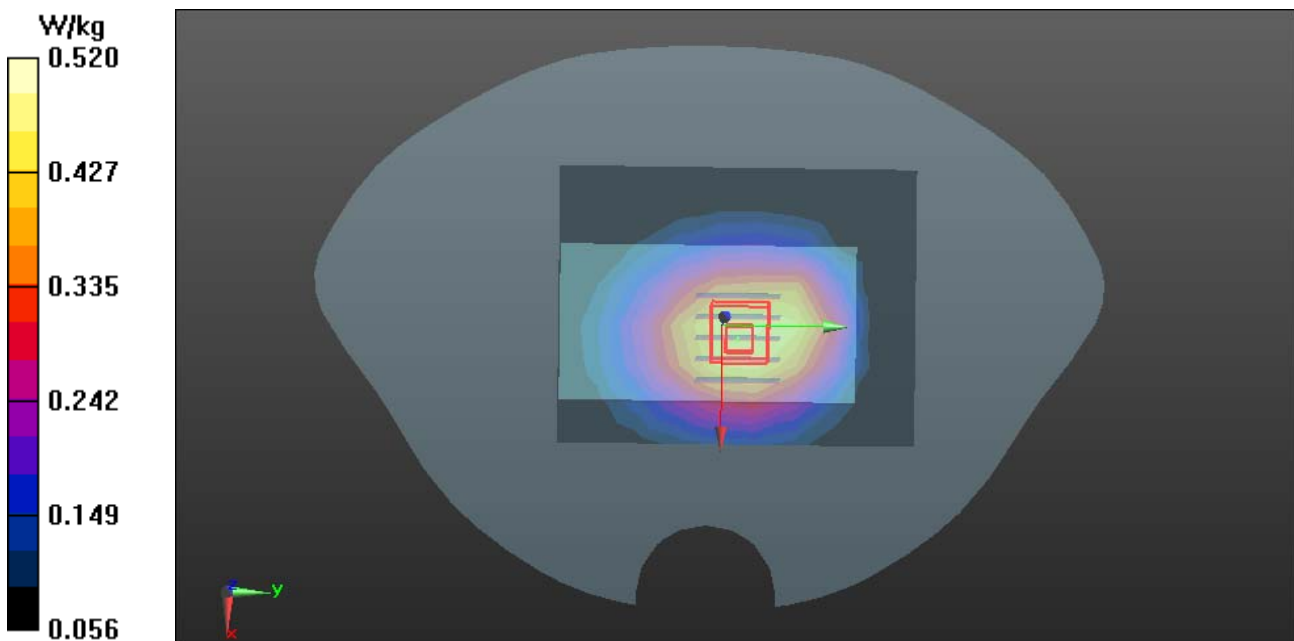
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.624 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.585 W/kg

**SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.318 W/kg**

Maximum value of SAR (measured) = 0.520 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**GPRS 1900-Body Front High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15911

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°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 1900/Body Front High CH810/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 0.324 W/kg

**GPRS 1900/Body Front High CH810/Zoom Scan (5x5x7)/Cube 0:**

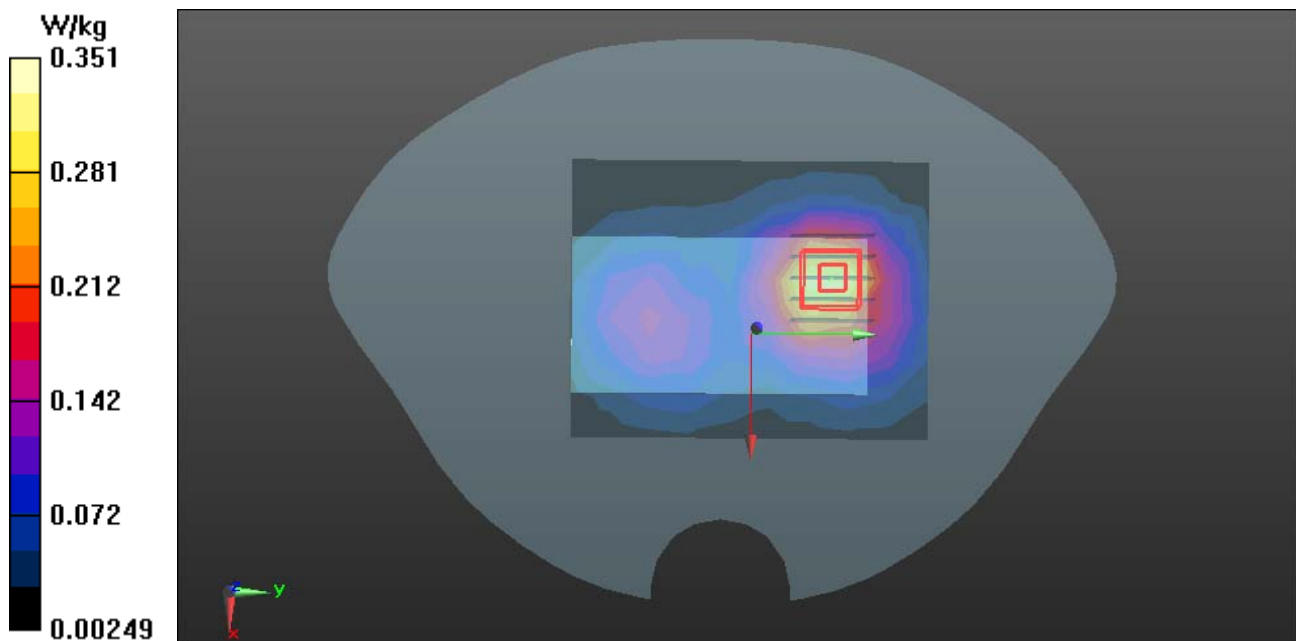
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.258 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.464 W/kg

**SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.351 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**GPRS 1900-Body Rear High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4.15911

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°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 1900/Body Rear High CH810/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 0.535 W/kg

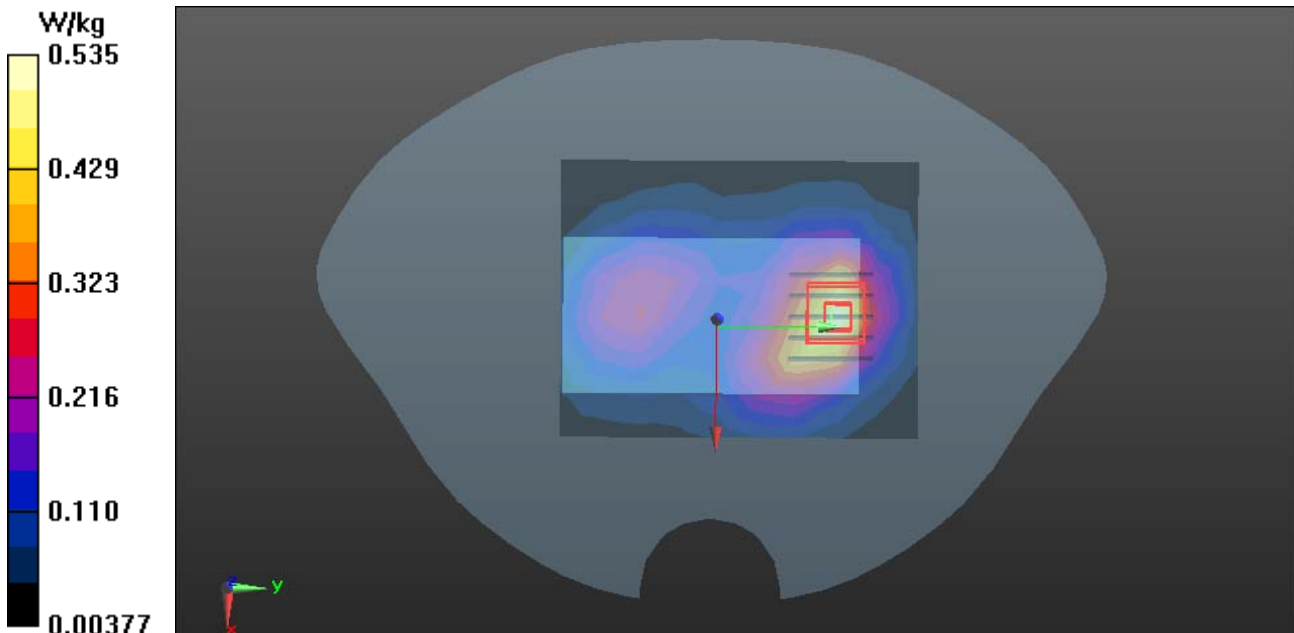
**GPRS 1900/Body Rear High CH810/Zoom Scan (5x5x7)/Cube 0:**

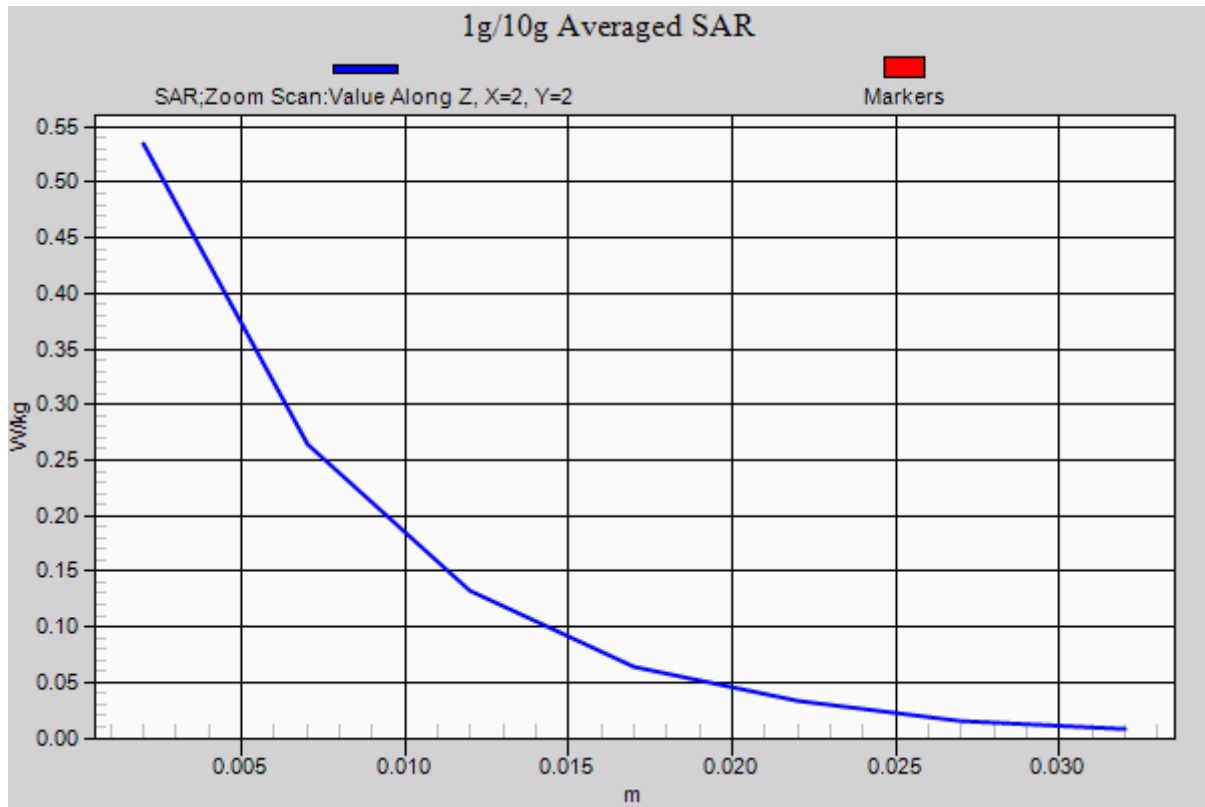
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.063 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.726 W/kg

**SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.194 W/kg**









Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**PCS 1900-Body Rear High CH810**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

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°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**PCS 1900/Body Rear High CH810/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 0.311 W/kg

**PCS 1900/Body Rear High CH810/Zoom Scan (5x5x7)/Cube 0:**

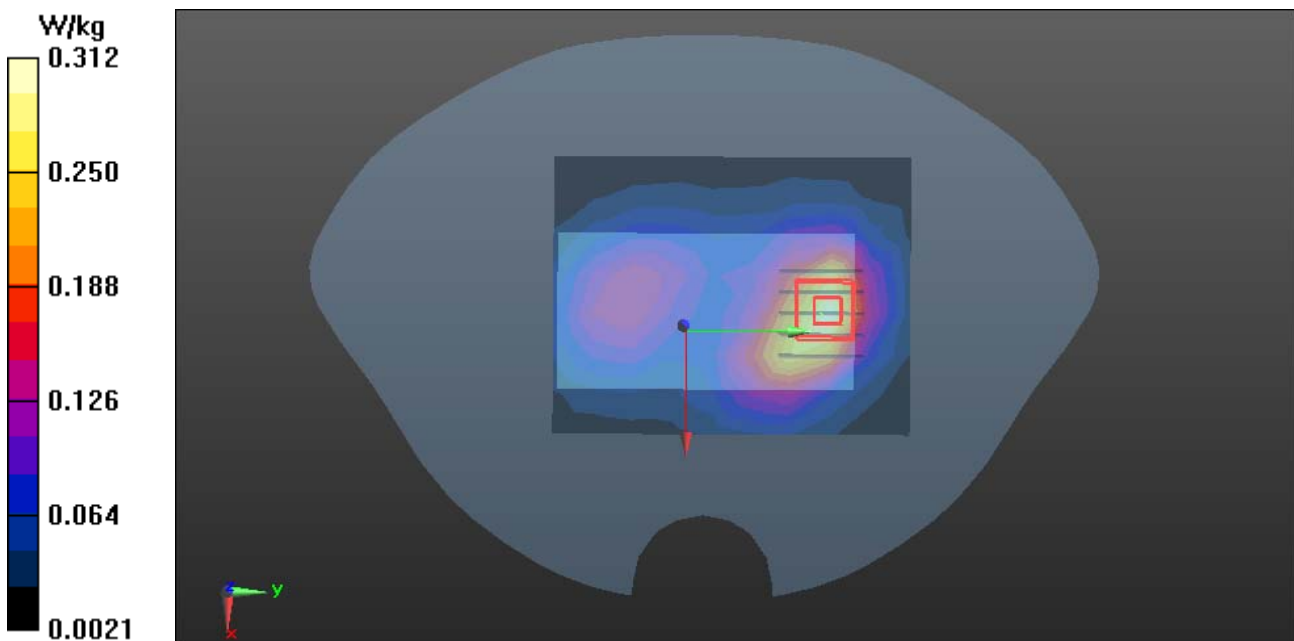
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.882 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.422 W/kg

**SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.312 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Front Middle CH9400**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/WCDMA Band II Body Front Middle CH9400/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 0.850 W/kg

**WCDMA/WCDMA Band II Body Front Middle CH9400/Zoom Scan (5x5x7)/Cube 0:**

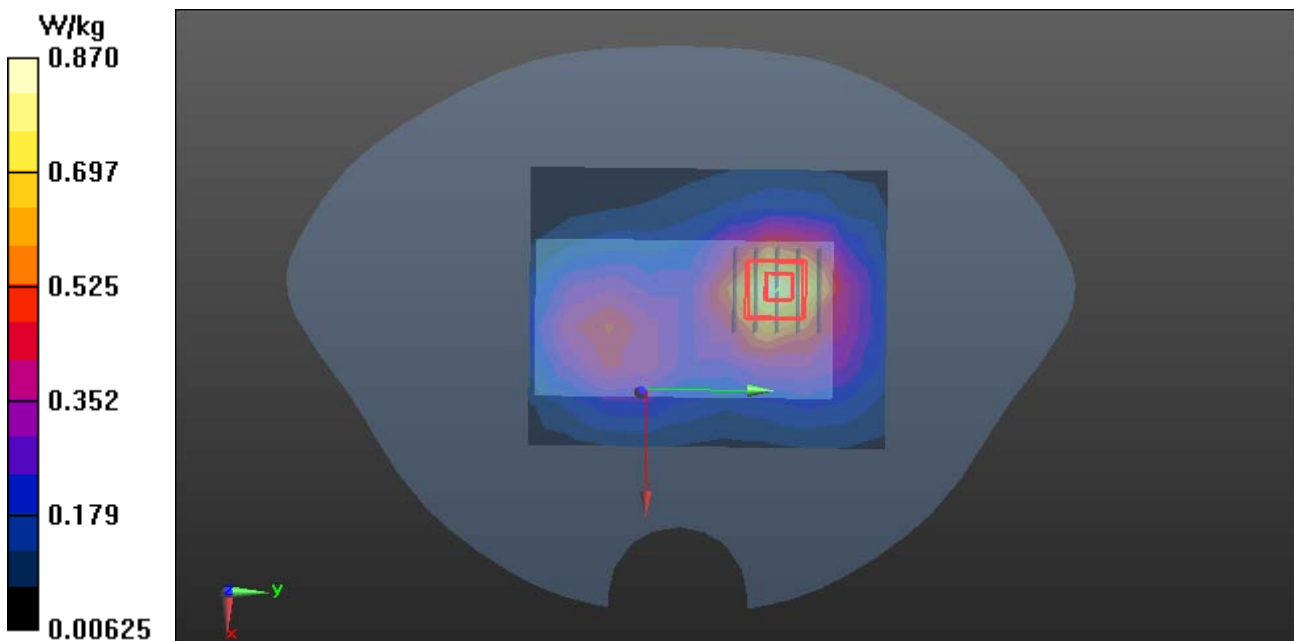
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.968 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.320 W/kg**

Maximum value of SAR (measured) = 0.870 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Rear Low CH9262**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

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

Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.516$  S/m;  $\epsilon_r = 53.712$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/WCDMA Band II Body Rear Low CH9262/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.23 W/kg

**WCDMA/WCDMA Band II Body Rear Low CH9262/Zoom Scan (5x5x7)/Cube 0:**

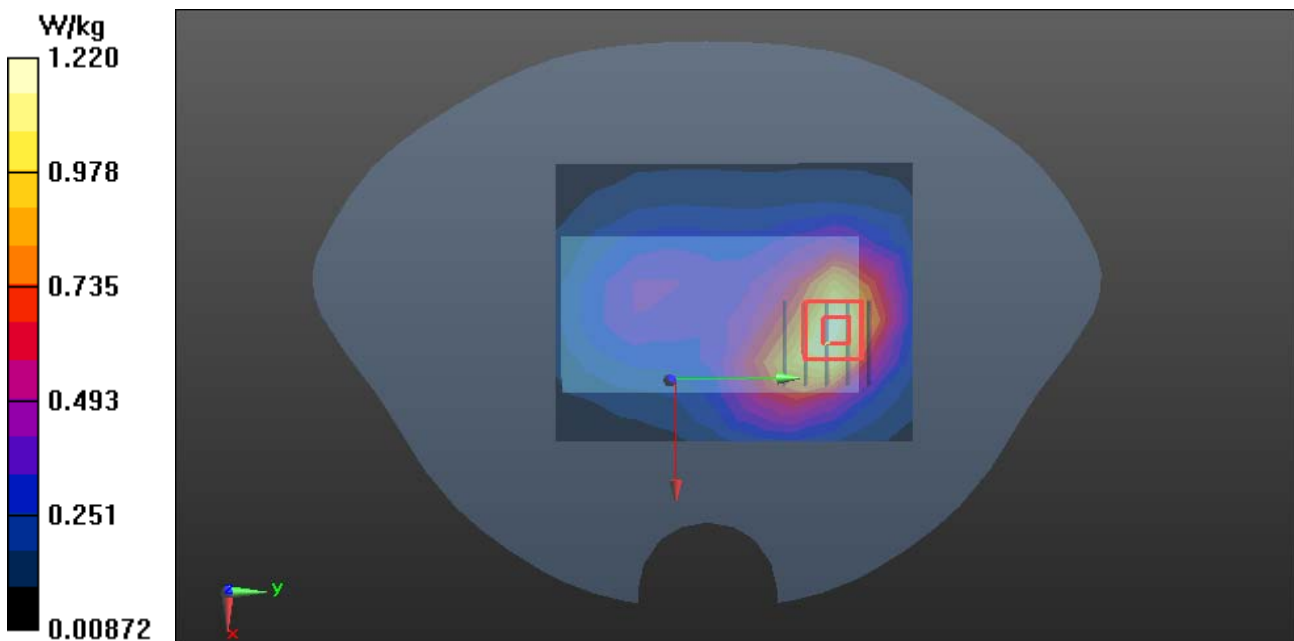
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.621 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 1.22 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Rear Middle CH9400**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

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

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.561$  S/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/WCDMA Band II Body Rear Middle CH9400/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.27 W/kg

**WCDMA/WCDMA Band II Body Rear Middle CH9400/Zoom Scan (5x5x7)/Cube 0:**

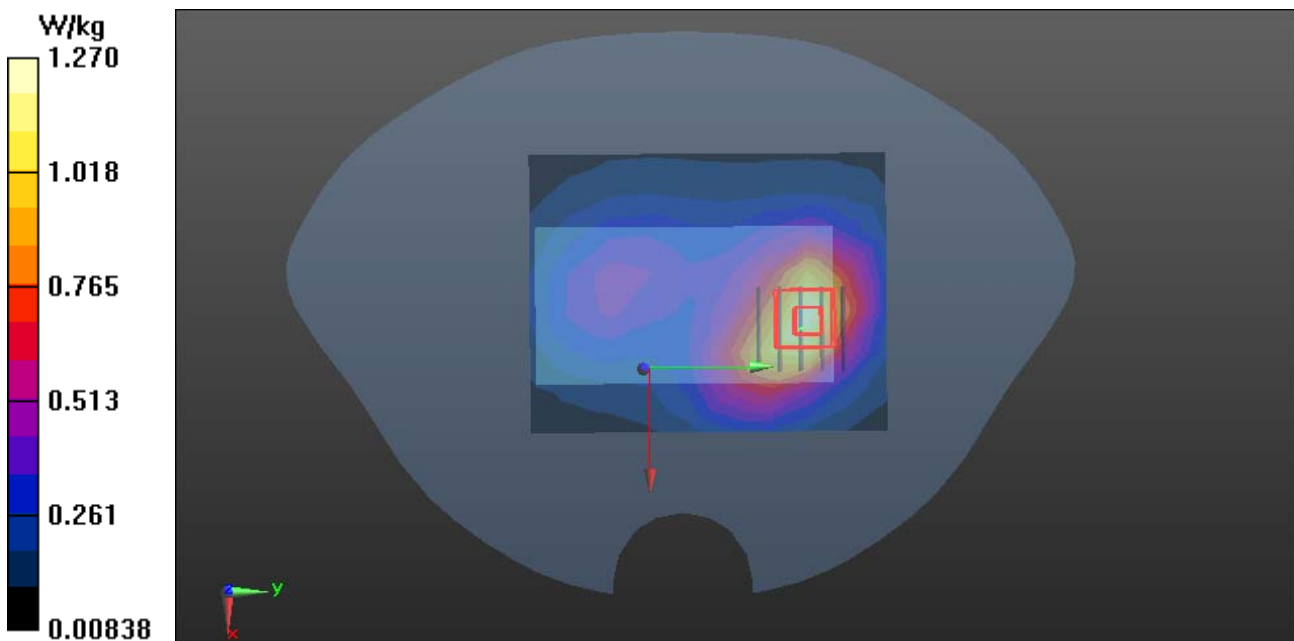
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.709 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.70 W/kg

**SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.484 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Rear High CH9538**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

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

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/WCDMA Band II Body Rear High CH9538/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.47 W/kg

**WCDMA/WCDMA Band II Body Rear High CH9538/Zoom Scan (5x5x7)/Cube 0:**

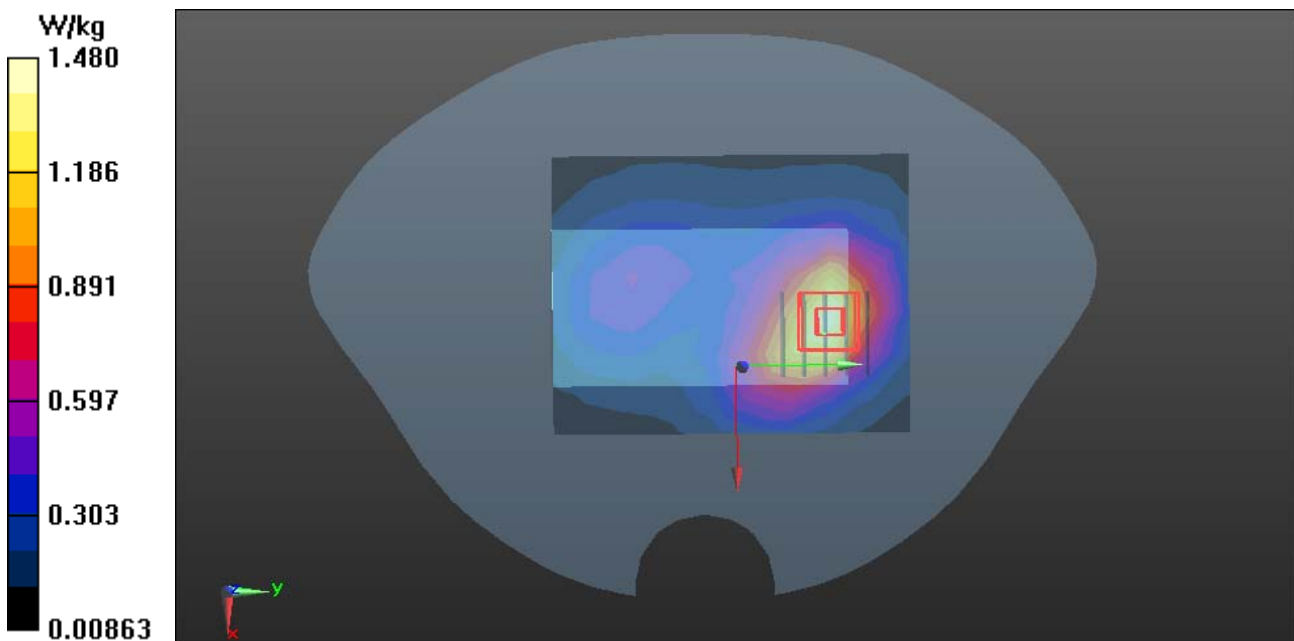
Measurement grid: dx=8mm, dy=8mm, dz=5mm

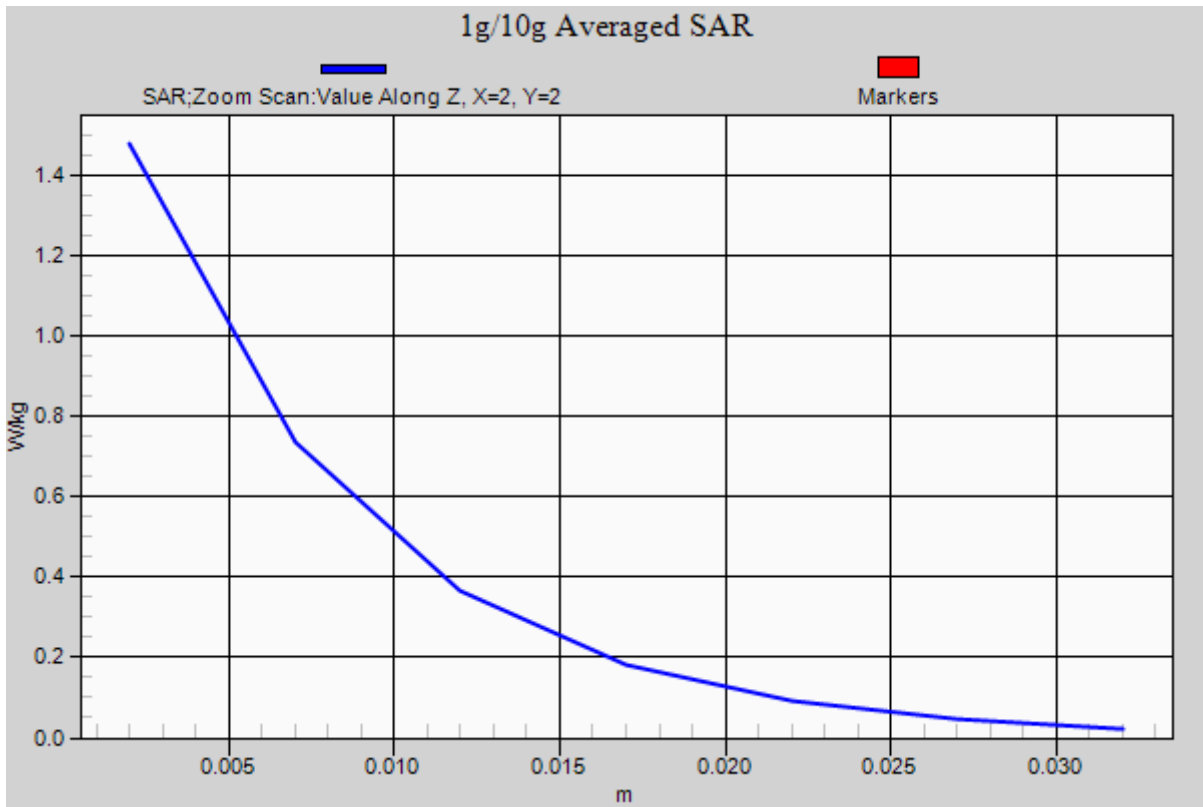
Reference Value = 13.932 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.99 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.562 W/kg**

Maximum value of SAR (measured) = 1.48 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Rear High CH9538 Repeat**

**DUT: 3G Feature Phone; Type: B8303; Serial: 135790246811220**

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

Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.589$  S/m;  $\epsilon_r = 53.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/WCDMA Band II Body Rear High CH9538 Repeat/Area Scan (10x8x1):**

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

Maximum value of SAR (measured) = 1.42 W/kg

**WCDMA/WCDMA Band II Body Rear High CH9538 Repeat/Zoom Scan (5x5x7)/Cube 0:**

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

Reference Value = 14.124 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.88 W/kg

**SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.530 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg

