



# **Compliance Certification Services Inc.**

Report No: C140218S04-SF

FCC ID: 2ABXQ-B8301

Date of Issue :February 24, 2014

<b>GSM 850-Right Head Cheek High CH251</b> .....	2
<b>GSM 850-Right Head Tilted High CH251</b> .....	4
<b>GSM 850-Left Head Cheek High CH251</b> .....	5
<b>GSM 850-Left Head Tilted High CH251</b> .....	6
<b>PCS 1900-Right Head Cheek Low CH512</b> .....	7
<b>PCS 1900-Right Head Tilted Low CH512</b> .....	9
<b>PCS 1900-Left Head Cheek Low CH512</b> .....	10
<b>PCS 1900-Left Head Tilted Low CH512</b> .....	11
<b>WCDMA Band II-Right Head Cheek Low CH9262</b> .....	12
<b>WCDMA Band II-Right Head Tilted Low CH9262</b> .....	13
<b>WCDMA Band II-Left Head Cheek Low CH9262</b> .....	14
<b>WCDMA Band II-Left Head Tilted Low CH9262</b> .....	16
<b>GPRS 850-Body Up Low CH128</b> .....	17
<b>GPRS 850-Body Down Low CH128</b> .....	18
<b>GSM 850-Body Down Low CH128</b> .....	20
<b>GPRS 1900-Body Front Low CH512</b> .....	21
<b>GPRS 1900-Body Rear Low CH512</b> .....	22
<b>PCS 1900-Body Rear Low CH512</b> .....	24
<b>WCDMA Band II-Body Up Low CH9262</b> .....	25
<b>WCDMA Band II-Body Down Low CH9262</b> .....	26



Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Right Head Cheek High CH251****DUT: 3G Feature Phone; Type: B8301; 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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.713 W/kg

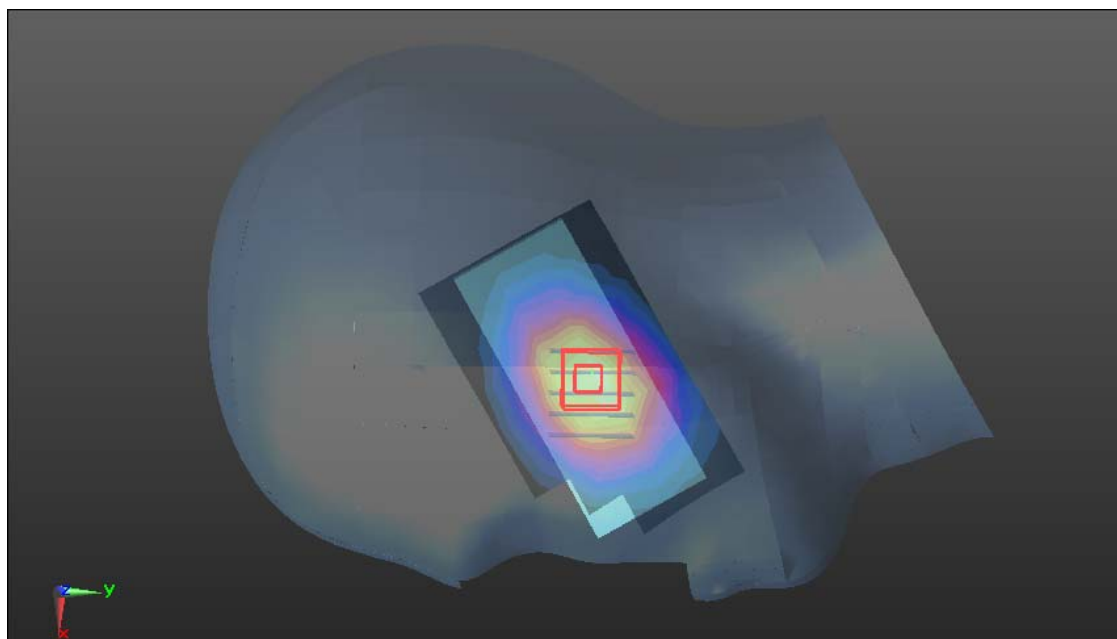
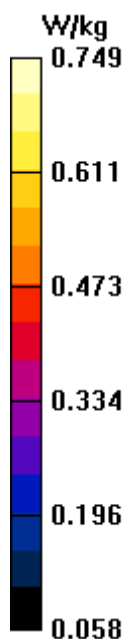
**GSM850/Right Head Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

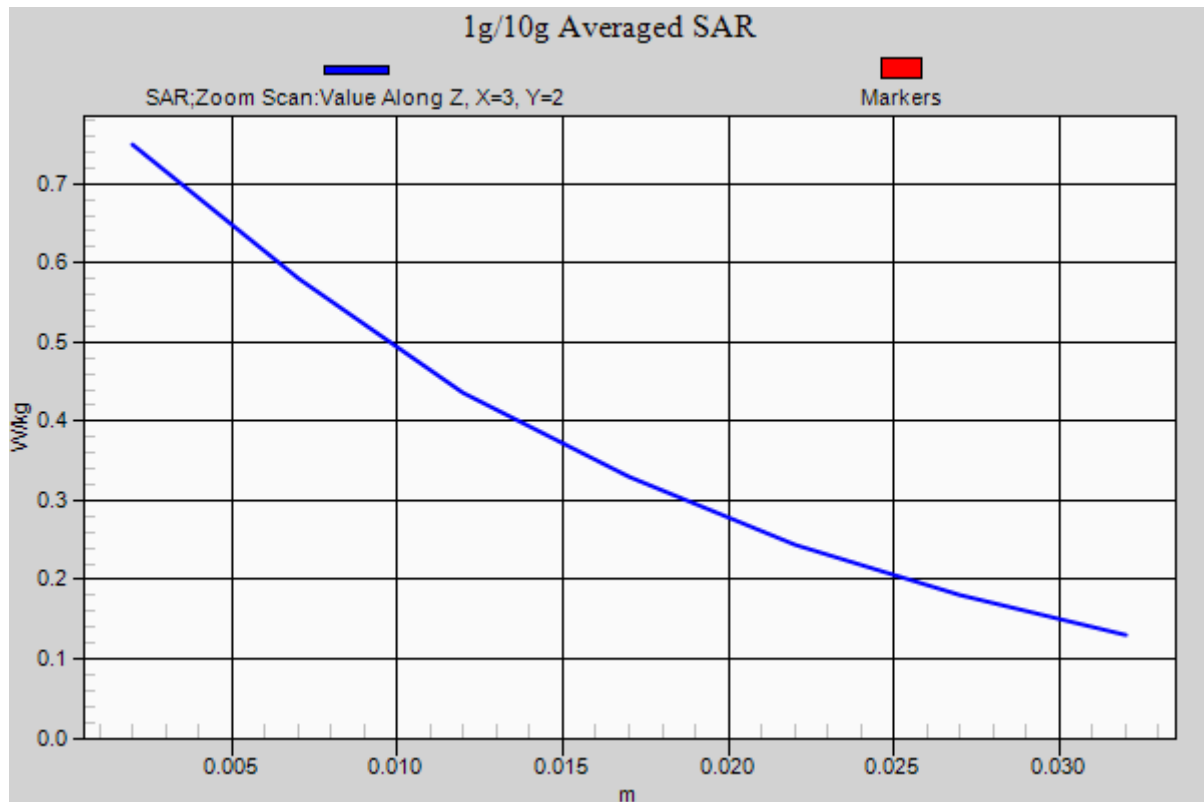
Reference Value = 14.060 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.830 W/kg

**SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.458 W/kg**

Maximum value of SAR (measured) = 0.749 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Right Head Tilted High CH251****DUT: 3G Feature Phone; Type: B8301; 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: DASY5 (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
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM850/Right Head Tilted High CH251/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.345 W/kg

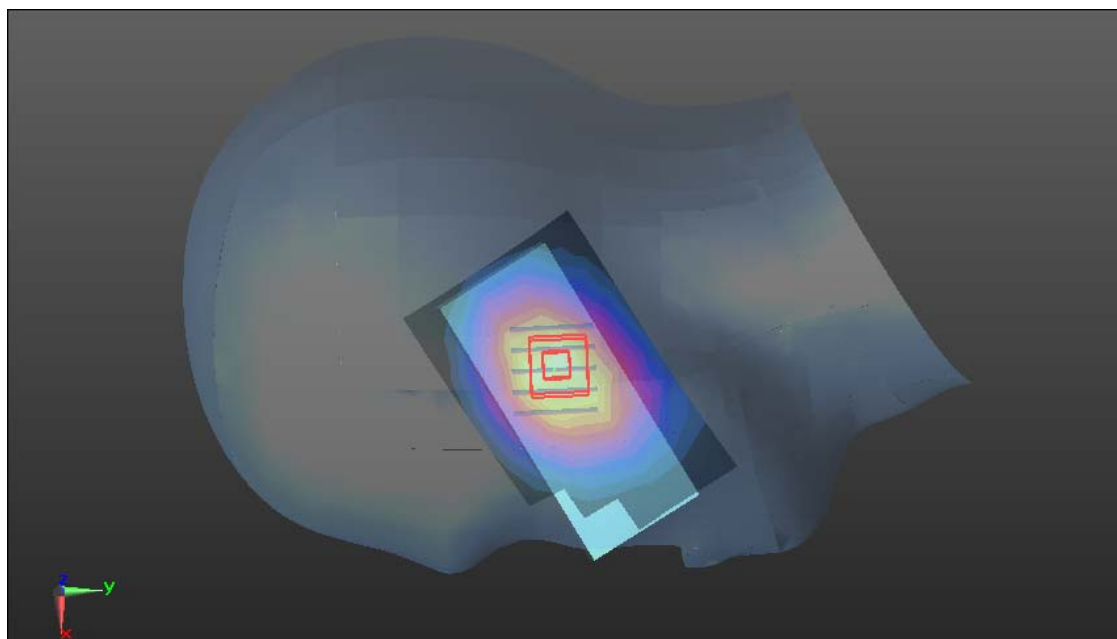
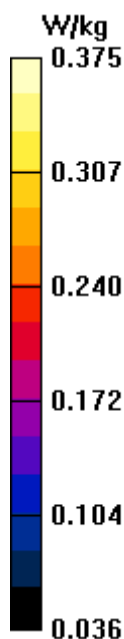
**GSM850/Right Head Tilted High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.790 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.424 W/kg

**SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.225 W/kg**

Maximum value of SAR (measured) = 0.375 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Left Head Cheek High CH251****DUT: 3G Feature Phone; Type: B8301; 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: 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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.487 W/kg

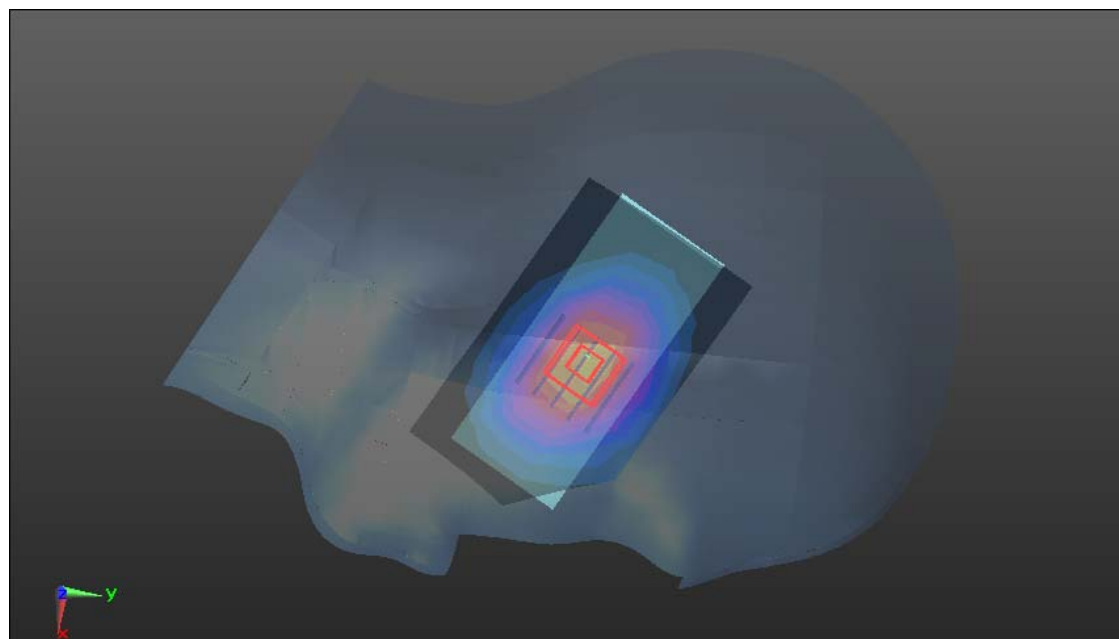
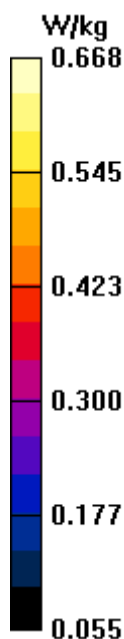
**GSM850/Left Head Cheek High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.978 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 0.668 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/19/2014

**GSM 850-Left Head Tilted High CH251****DUT: 3G Feature Phone; Type: B8301; 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: 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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.408 W/kg

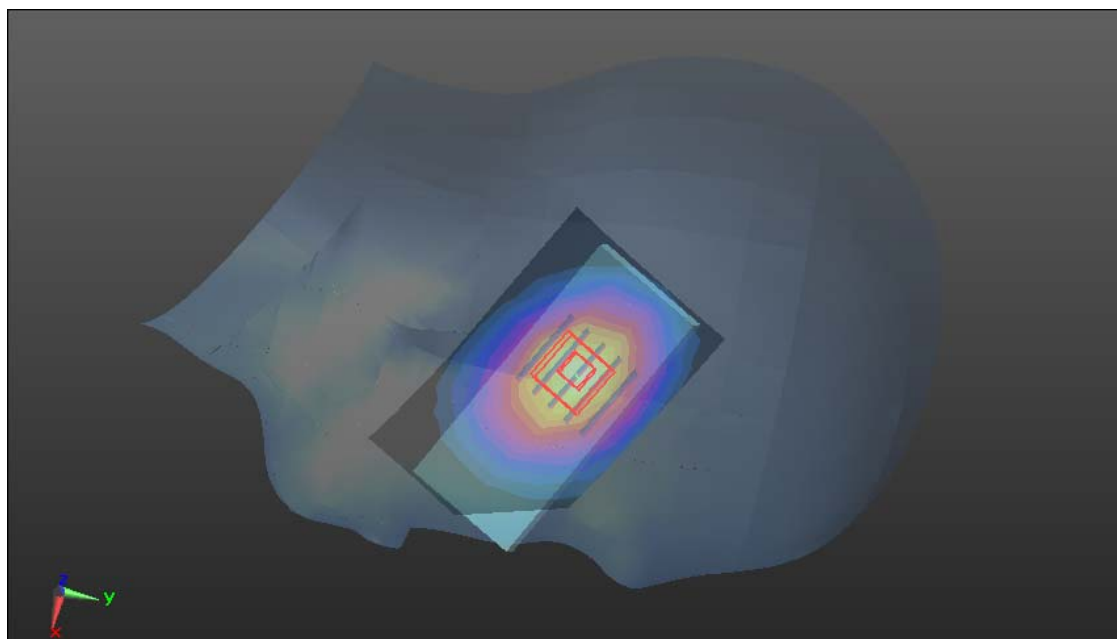
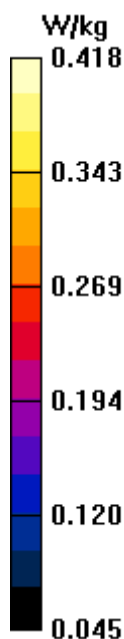
**GSM850/Left Head Tilted High CH251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.307 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.474 W/kg

**SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.252 W/kg**

Maximum value of SAR (measured) = 0.418 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Right Head Cheek Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.62$ ;  $\rho = 1000$  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 Low CH512/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0127 W/kg

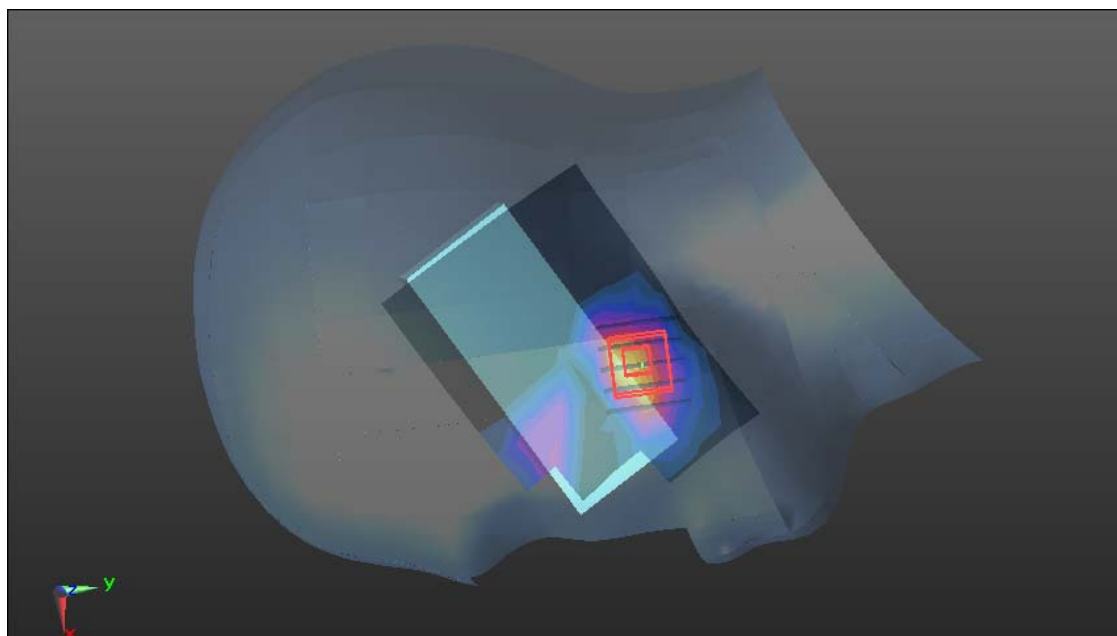
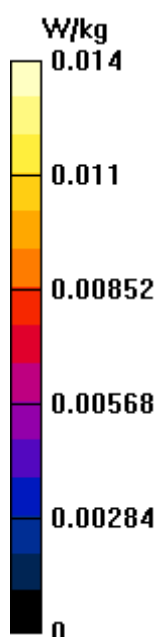
**PCS1900/Right Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

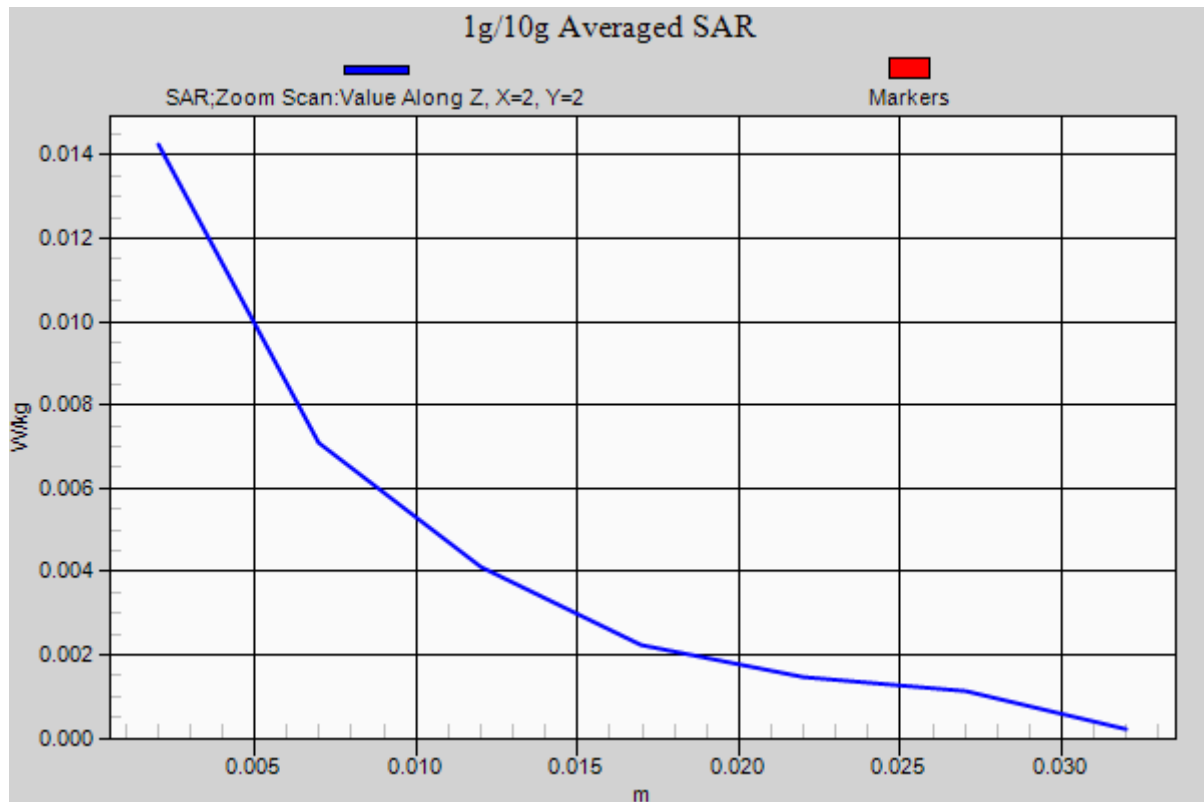
Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0510 W/kg

**SAR(1 g) = 0.0098 W/kg; SAR(10 g) = 0.00456 W/kg**

Maximum value of SAR (measured) = 0.0142 W/kg









Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Right Head Tilted Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.62$ ;  $\rho = 1000$  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
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**PCS1900/Right Head Tilted Low CH512/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00320 W/kg

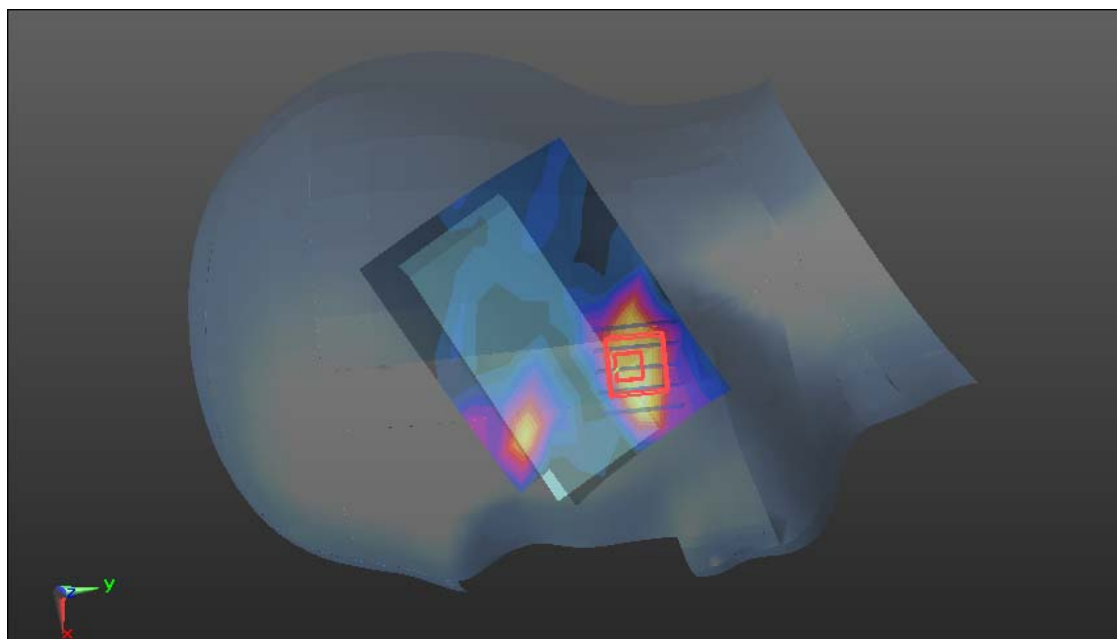
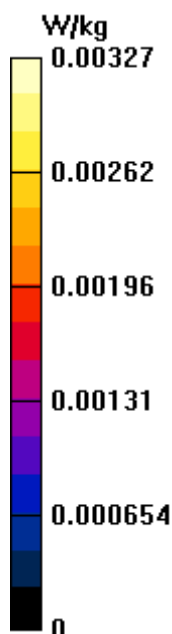
**PCS1900/Right Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.955 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.00610 W/kg

**SAR(1 g) = 0.00246 W/kg; SAR(10 g) = 0.00115 W/kg**

Maximum value of SAR (measured) = 0.00327 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Left Head Cheek Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.62$ ;  $\rho = 1000$  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 Low CH512/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00745 W/kg

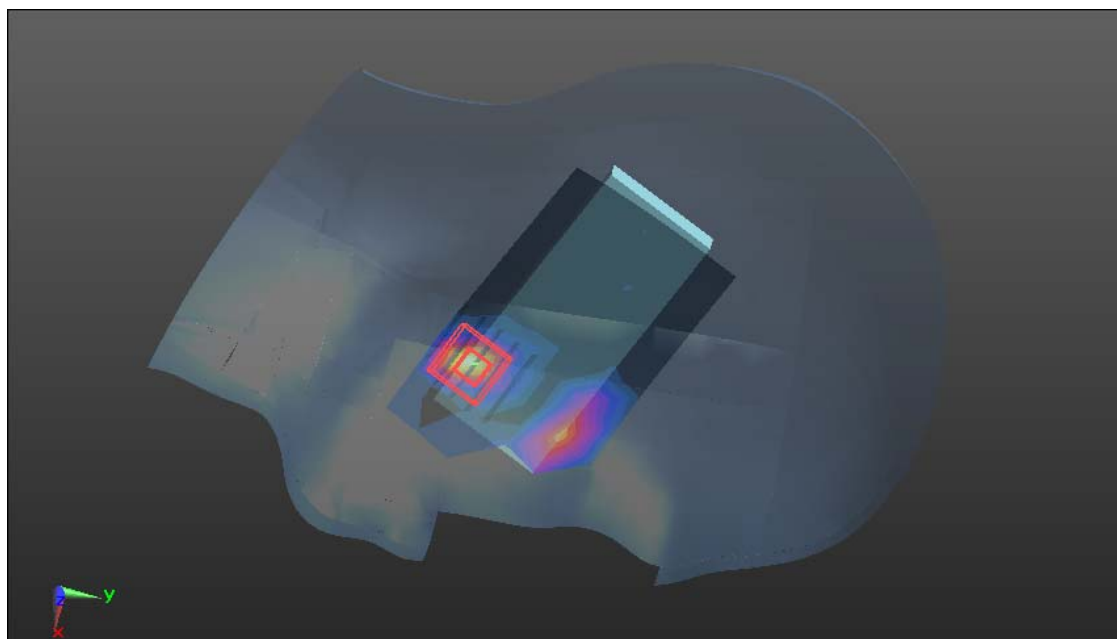
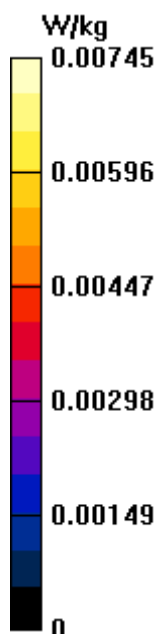
**PCS1900/Left Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0120 W/kg

**SAR(1 g) = 0.00491 W/kg; SAR(10 g) = 0.00176 W/kg**

Maximum value of SAR (measured) = 0.00871 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**PCS 1900-Left Head Tilted Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.382$  S/m;  $\epsilon_r = 38.62$ ;  $\rho = 1000$  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 Low CH512/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

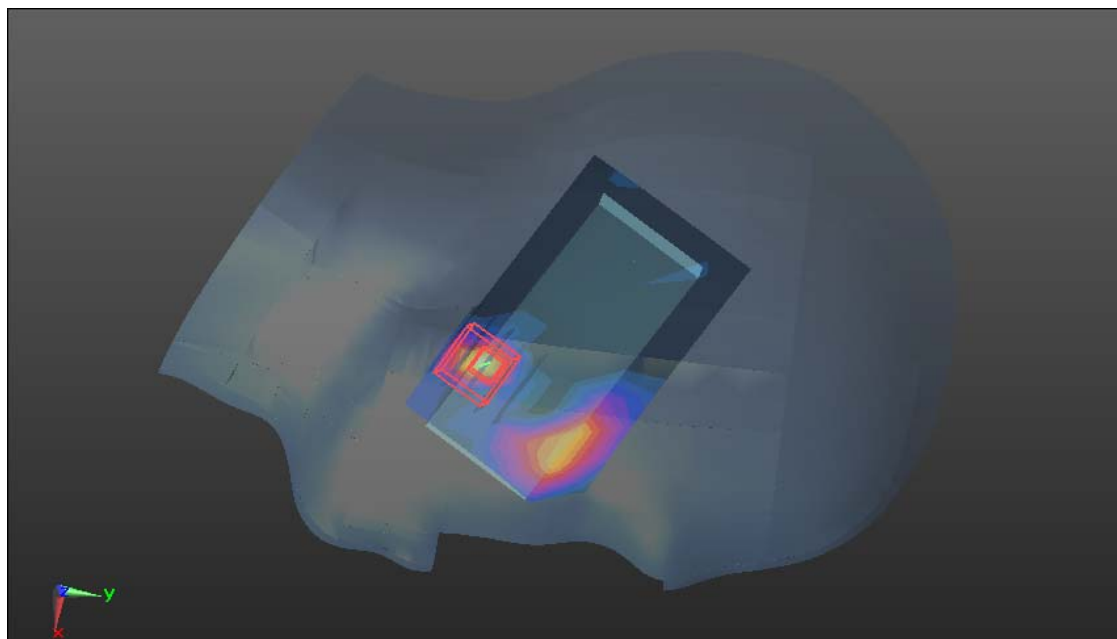
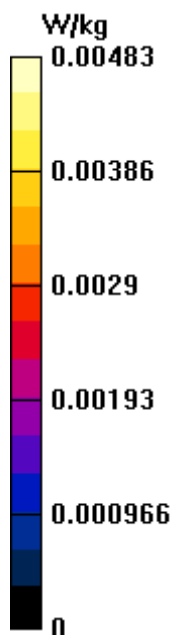
Maximum value of SAR (measured) = 0.00469 W/kg

**PCS1900/Left Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 0.272 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.00628 W/kg

**SAR(1 g) = 0.00297 W/kg; SAR(10 g) = 0.00109 W/kg**

Maximum value of SAR (measured) = 0.00483 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: B8301; 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:

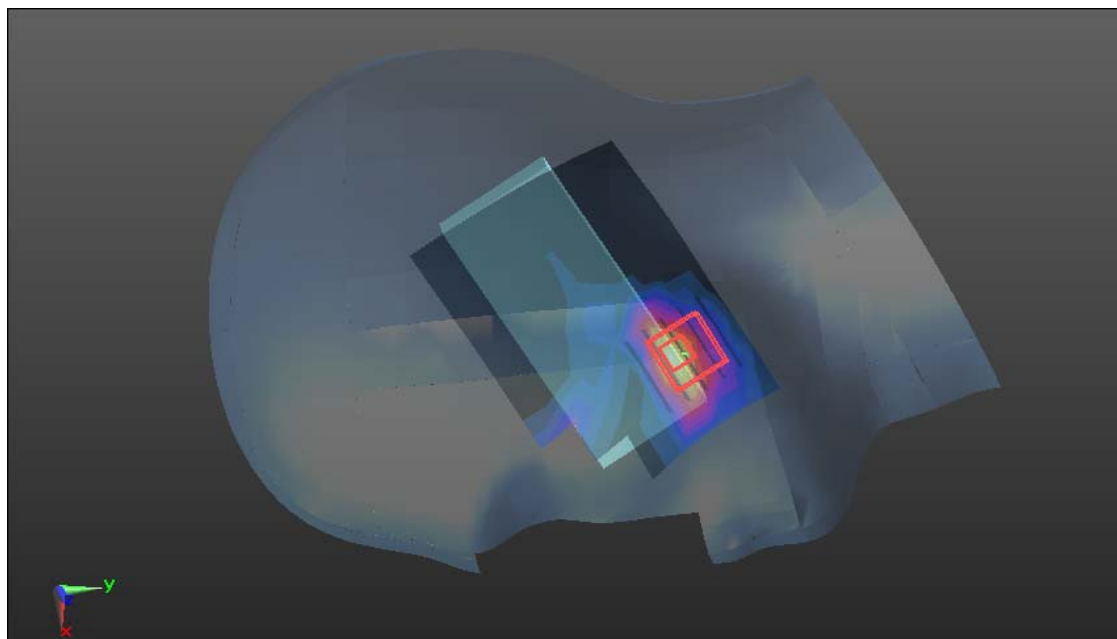
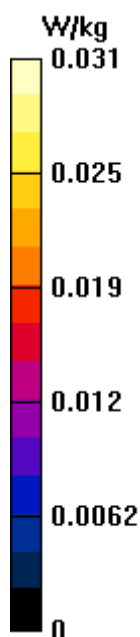
- Probe: EX3DV4 - SN3798; ConvF(7.73, 7.73, 7.73); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/Right Head Cheek Low CH9262/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0301 W/kg**WCDMA/Right Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 1.221 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0710 W/kg

**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0310 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Right Head Tilted Low CH9262****DUT: 3G Feature Phone; Type: B8301; 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 Tilted Low CH9262/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

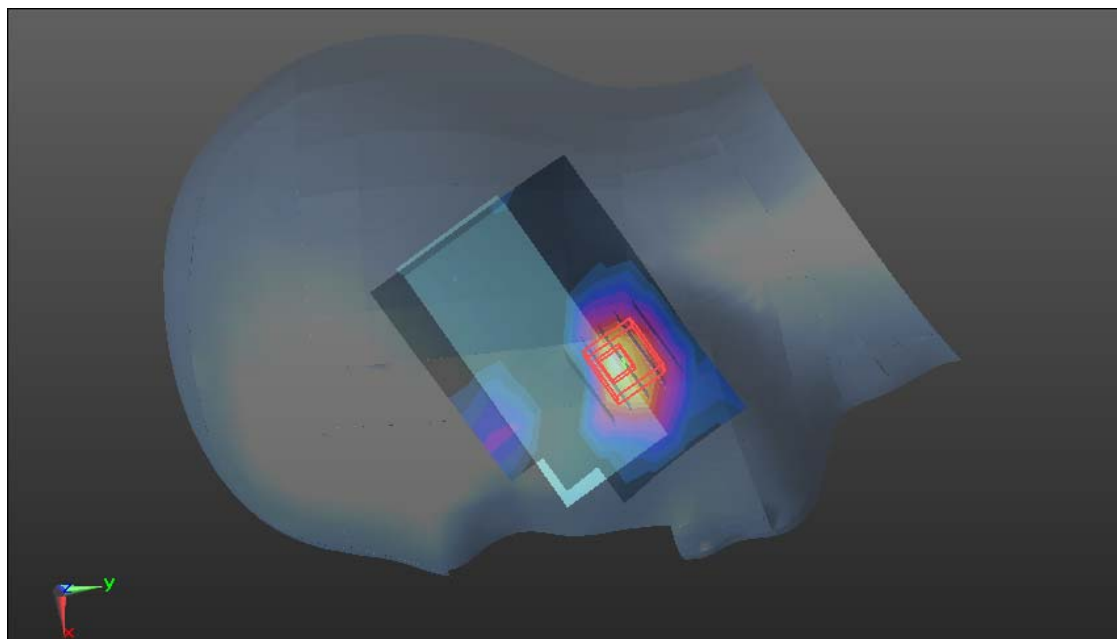
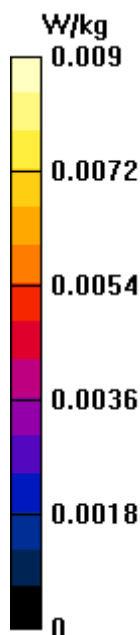
Maximum value of SAR (measured) = 0.00900 W/kg

**WCDMA/Right Head Tilted Low CH9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 1.325 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0200 W/kg

**SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00466 W/kg**

Maximum value of SAR (measured) = 0.0146 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: B8301; 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: 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 Low CH9262/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0463 W/kg

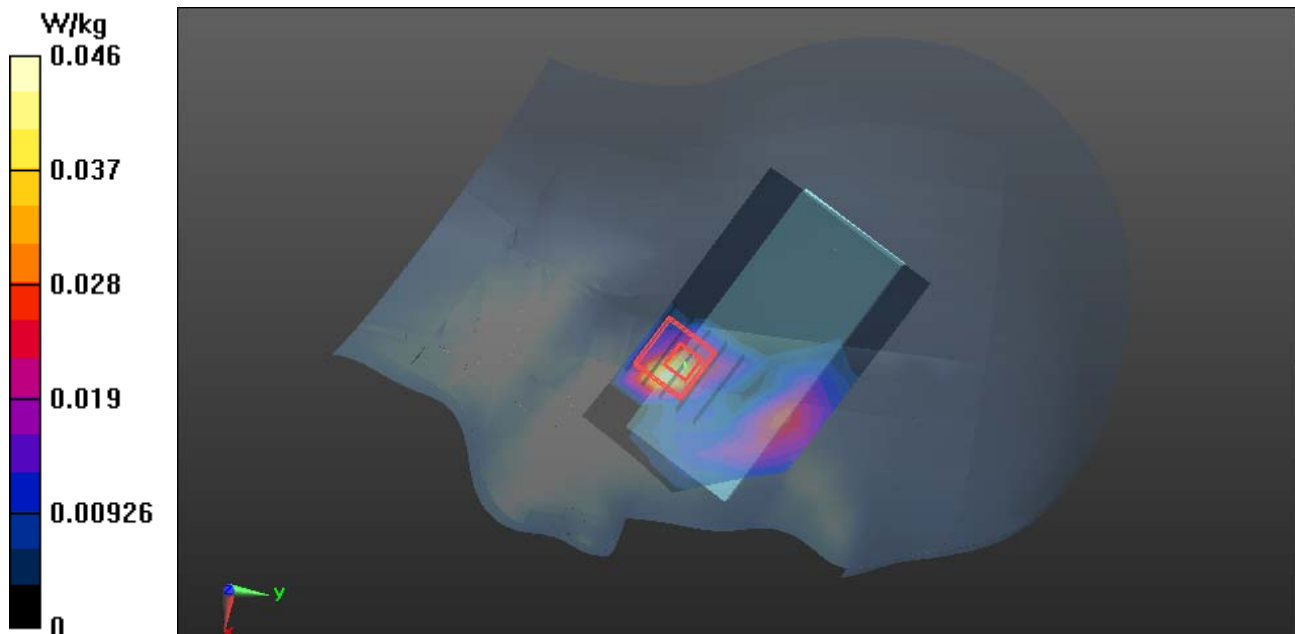
**WCDMA/Left Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

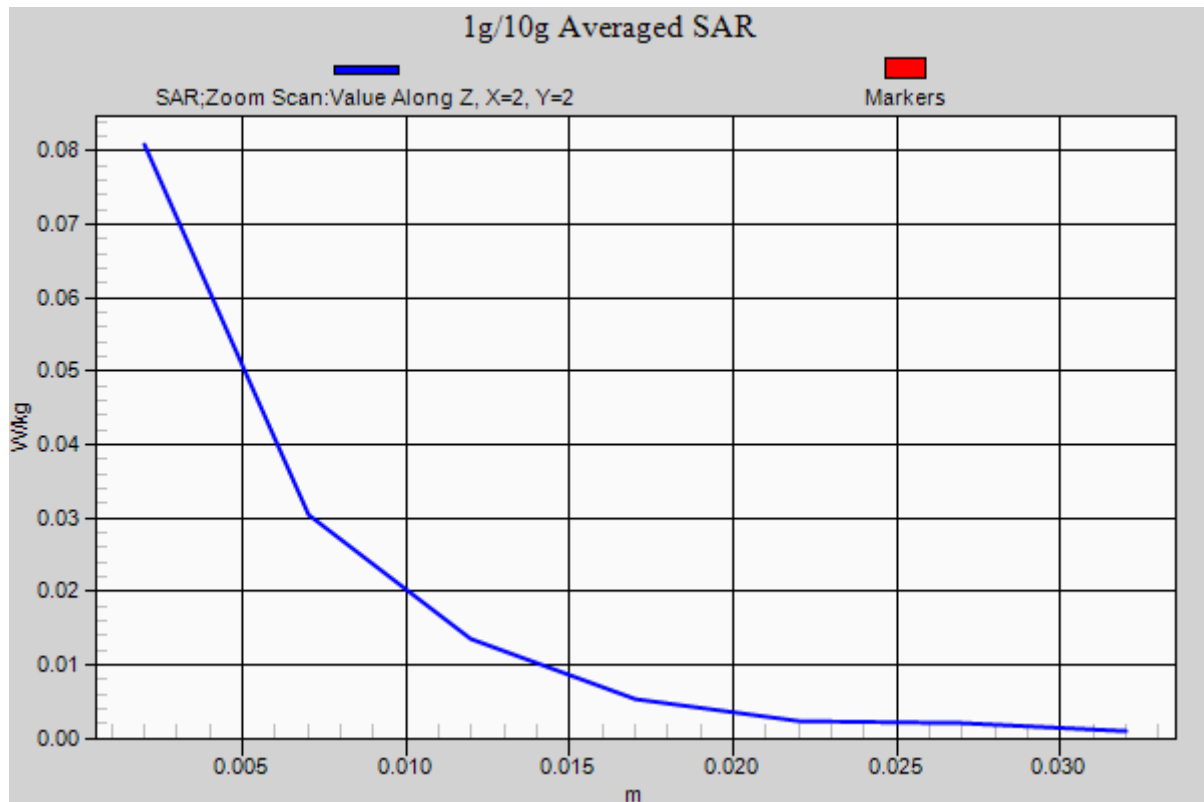
Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.142 W/kg

**SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.014 W/kg**

Maximum value of SAR (measured) = 0.0808 W/kg









Test Laboratory: Compliance Certification Services Inc.

Date: 2/21/2014

**WCDMA Band II-Left Head Tilted Low CH9262****DUT: 3G Feature Phone; Type: B8301; 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: 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 Low CH9262/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0123 W/kg

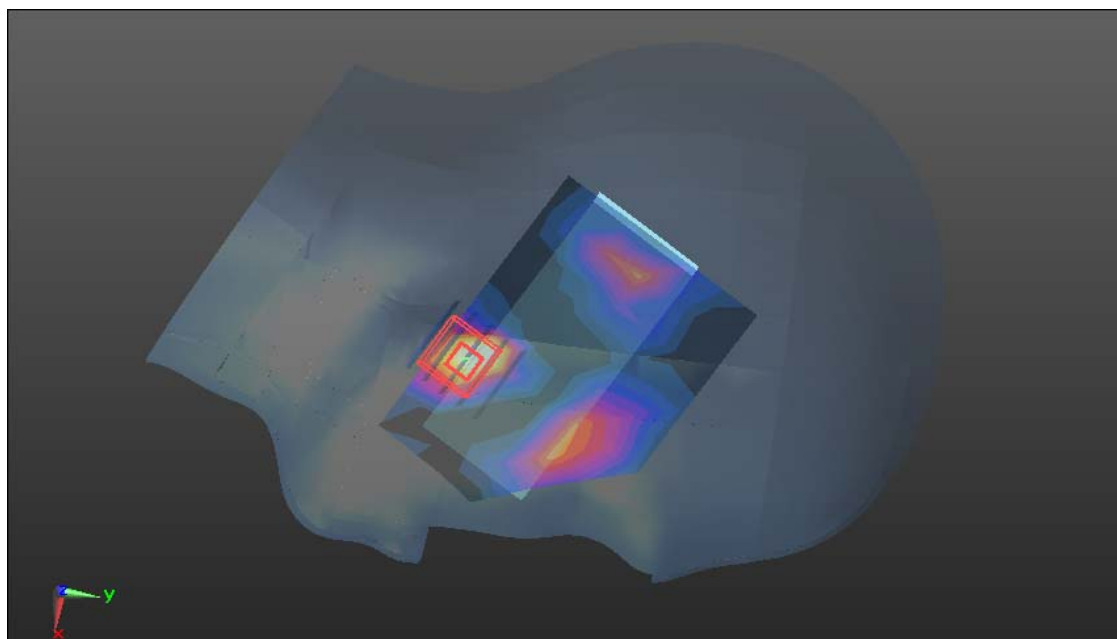
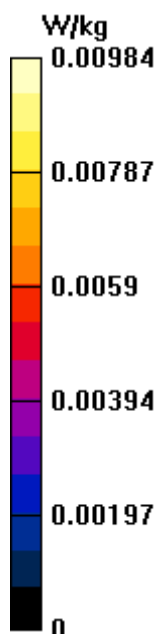
**WCDMA/Left Head Tilted Low CH9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.514 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0160 W/kg

**SAR(1 g) = 0.00582 W/kg; SAR(10 g) = 0.00236 W/kg**

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







Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Up Low CH128****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

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

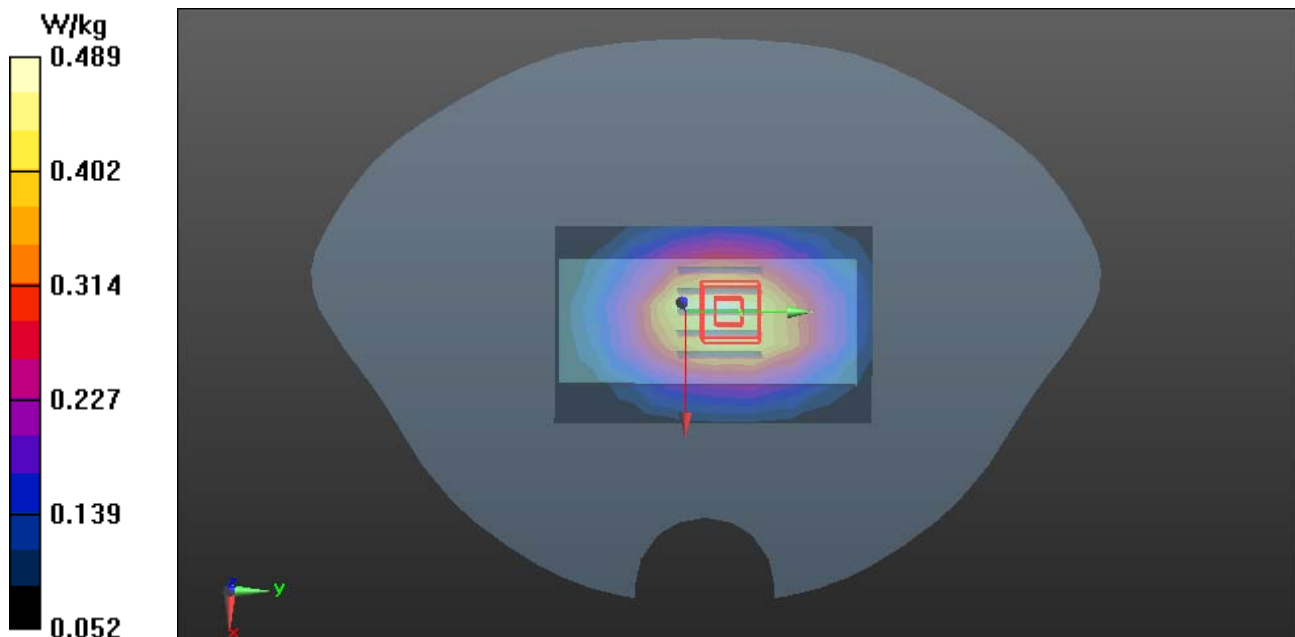
- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GPRS 850/GPRS850 Body Up Low CH128/Area Scan (9x6x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.486 W/kg**GPRS 850/GPRS850 Body Up Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 23.025 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.575 W/kg

**SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 0.489 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 850-Body Down Low CH128****DUT: 3G Feature Phone; Type: B8301; 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:

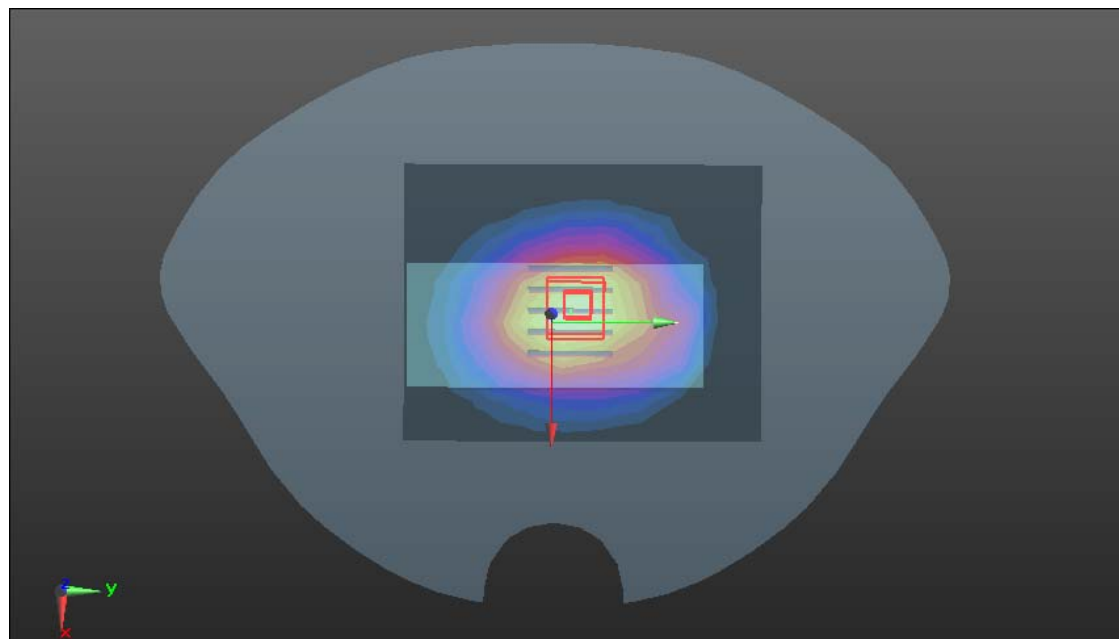
- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

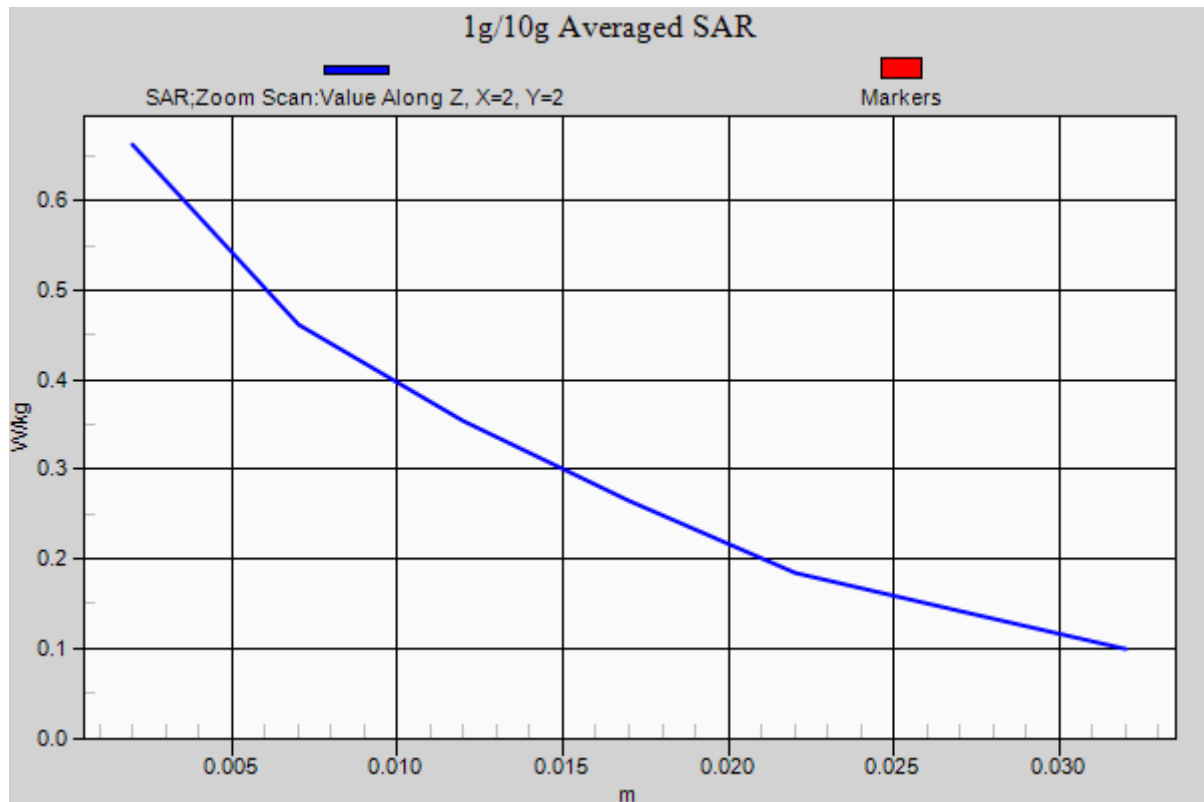
**GPRS 850/GPRS850 Body Down Low CH128/Area Scan (10x8x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.646 W/kg**GPRS 850/GPRS850 Body Down Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 26.251 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 0.663 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GSM 850-Body Down Low CH128****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

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:

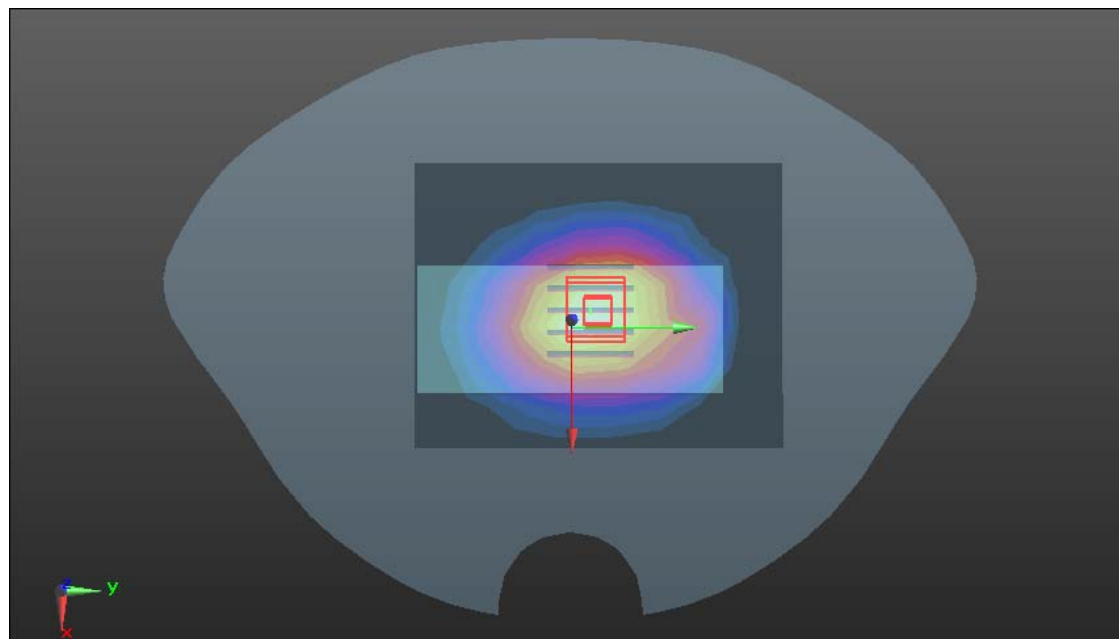
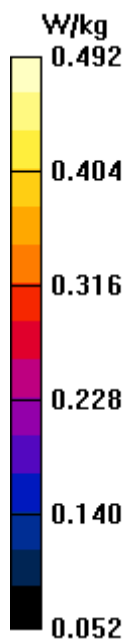
- Probe: EX3DV4 - SN3798; ConvF(9.27, 9.27, 9.27); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**GSM 850/GSM850 Body Down Low CH128/Area Scan (10x8x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.487 W/kg**GSM 850/GSM850 Body Down Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 21.187 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.562 W/kg

**SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.288 W/kg**

Maximum value of SAR (measured) = 0.492 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/20/2014

**GPRS 1900-Body Front Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.739$ ;  $\rho = 1000$  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)

**GPRS 1900/Body Front Low CH512/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

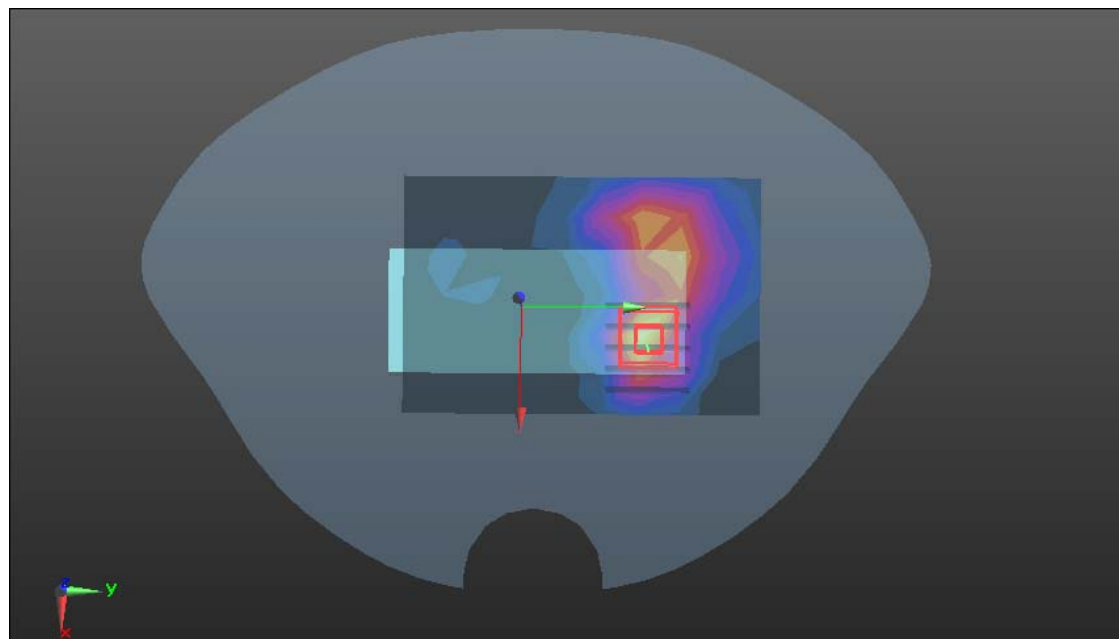
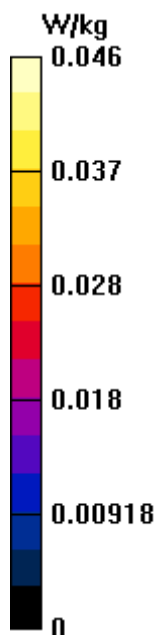
Maximum value of SAR (measured) = 0.0412 W/kg

**GPRS 1900/Body Front Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 0.315 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0720 W/kg

**SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0459 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**GPRS 1900-Body Rear Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.739$ ;  $\rho = 1000$  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 Low CH512/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

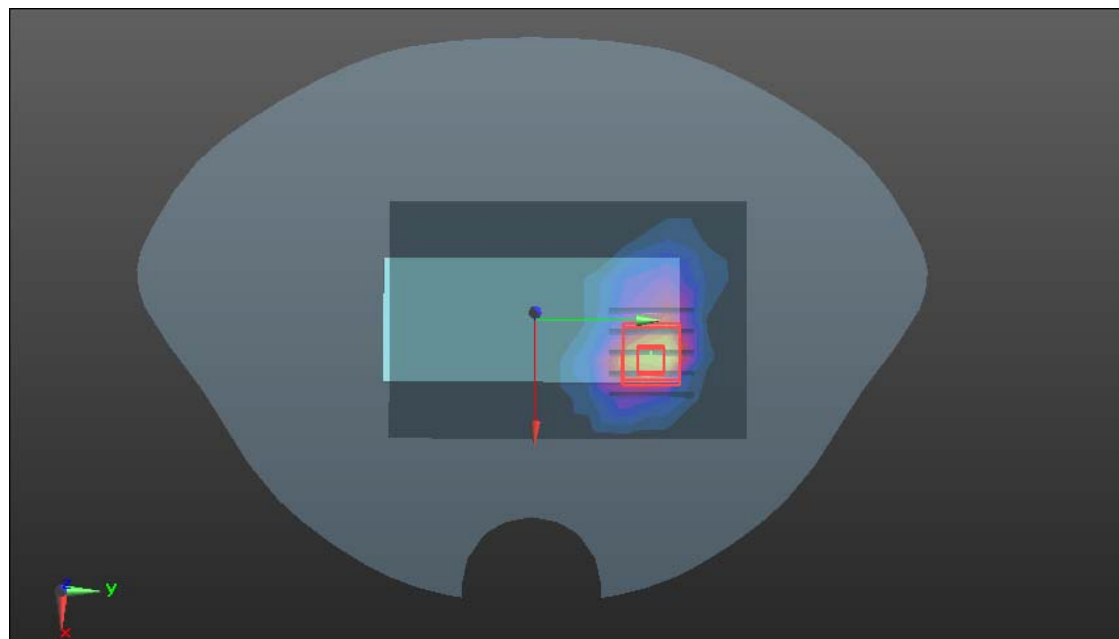
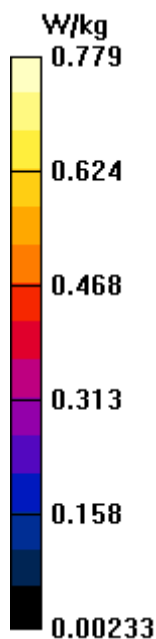
Maximum value of SAR (measured) = 0.641 W/kg

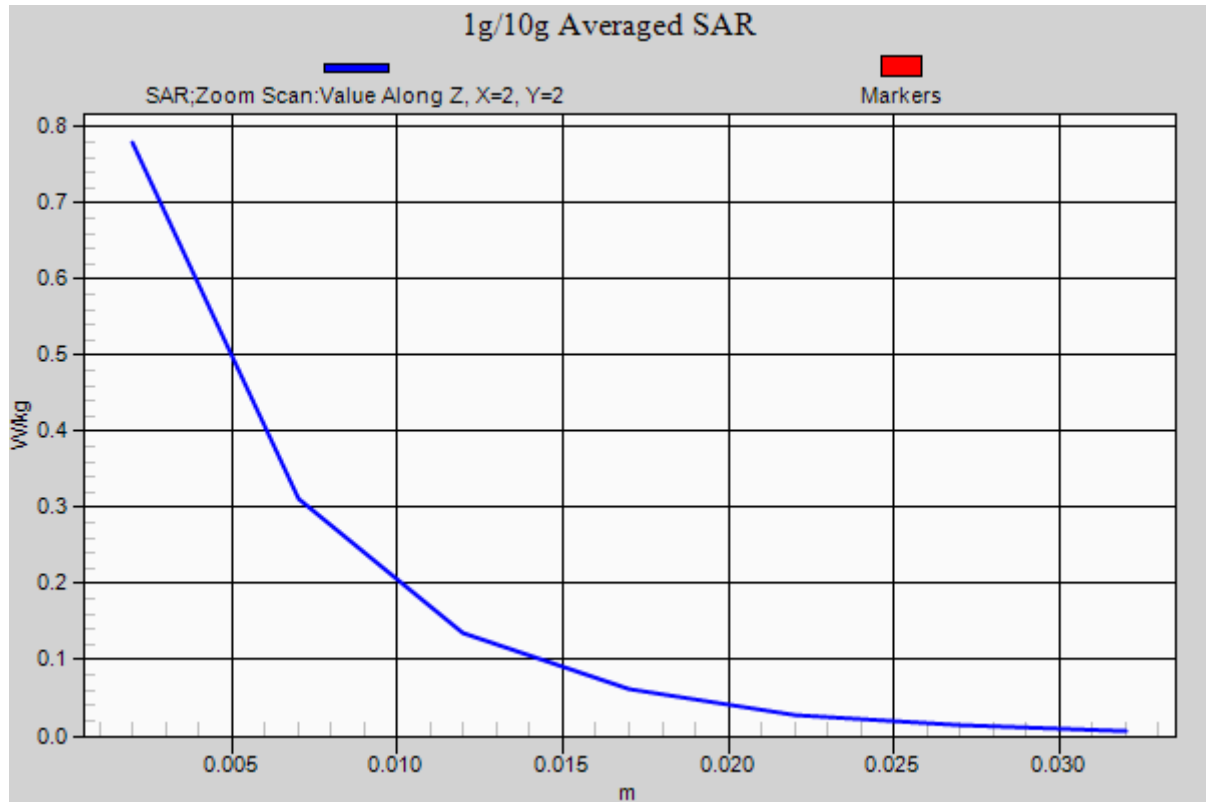
**GPRS 1900/Body Rear Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 2.435 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 0.779 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**PCS 1900-Body Rear Low CH512****DUT: 3G Feature Phone; Type: B8301; Serial: 135790246811220**

Communication System: Generic GSM; Communication System Band: PCS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 53.739$ ;  $\rho = 1000$  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 Low CH512/Area Scan (10x7x1):** Measurement grid: dx=15mm, dy=15mm

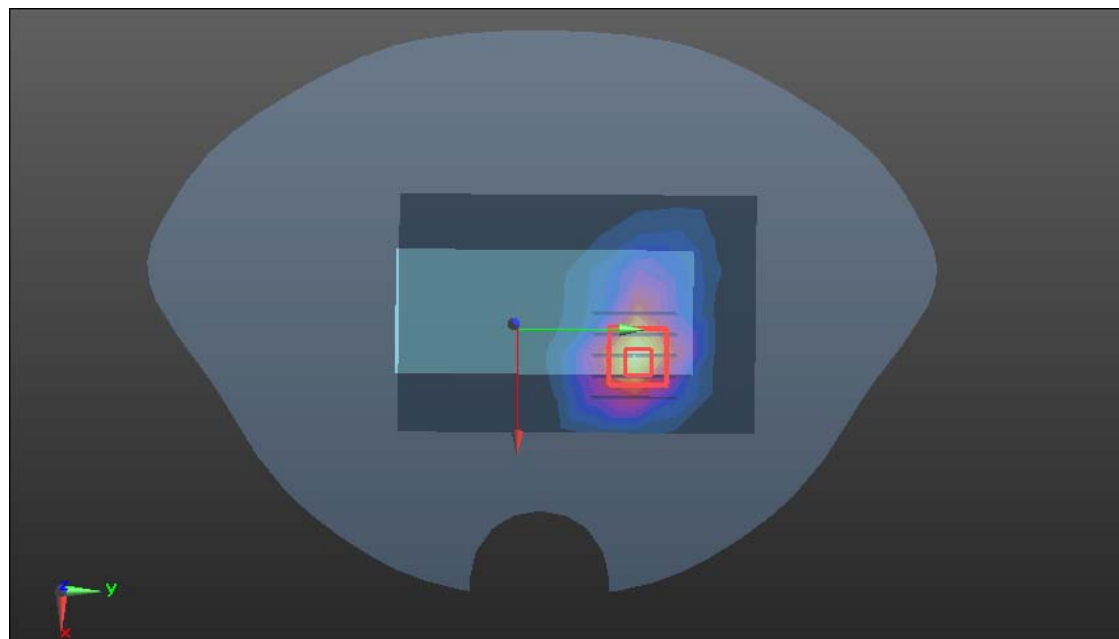
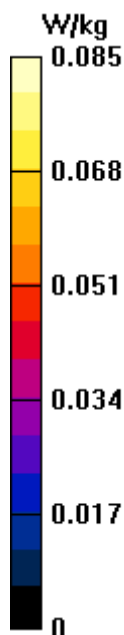
Maximum value of SAR (measured) = 0.0821 W/kg

**PCS 1900/Body Rear Low CH512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 1.407 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.027 W/kg**

Maximum value of SAR (measured) = 0.0849 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Up Low CH9262****DUT: 3G Feature Phone; Type: B8301; 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:

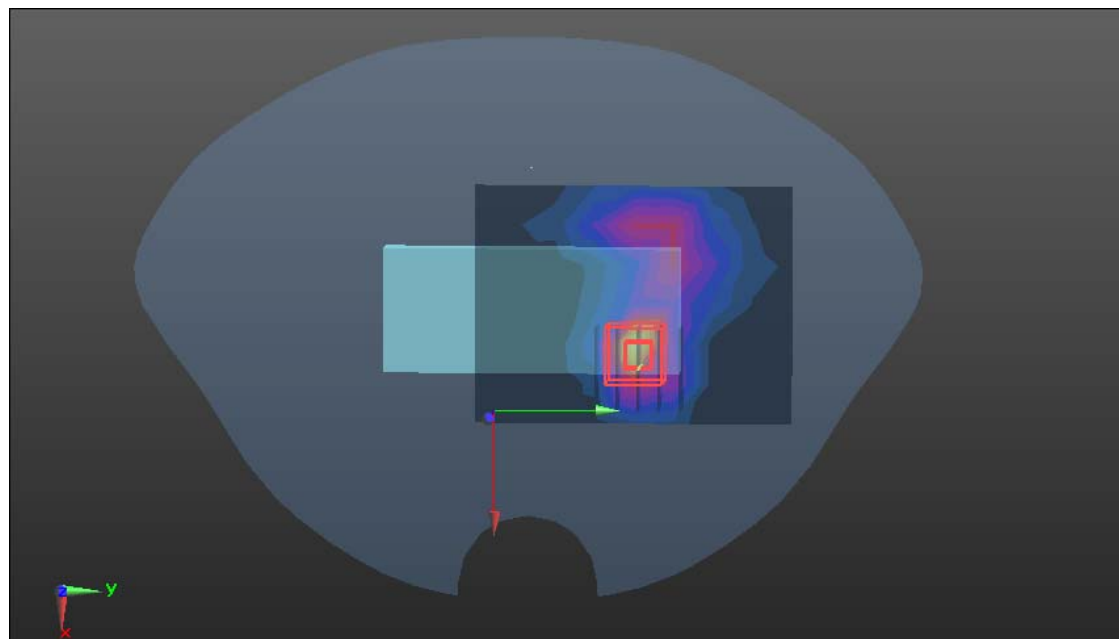
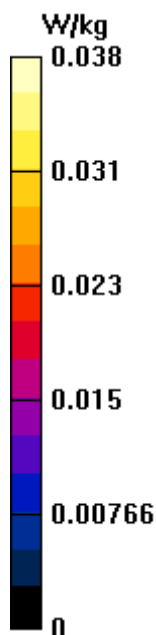
- Probe: EX3DV4 - SN3798; ConvF(7.32, 7.32, 7.32); Calibrated: 7/26/2013;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/25/2013
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

**WCDMA/WCDMA Band II Body Up Low CH9262/Area Scan (9x7x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0341 W/kg**WCDMA/WCDMA Band II Body Up Low CH9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0590 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.010 W/kg**

Maximum value of SAR (measured) = 0.0383 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/22/2014

**WCDMA Band II-Body Down Low CH9262****DUT: 3G Feature Phone; Type: B8301; 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 Down Low CH9262/Area Scan (9x6x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.336 W/kg**WCDMA/WCDMA Band II Body Down Low CH9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.432 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.571 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.405 W/kg

