



Compliance Certification Services Inc.

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Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Right Head Cheek Low CH128

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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; $\sigma = 0.896$ S/m; $\epsilon_r = 41.182$; $\rho = 1000$ kg/m³

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
- DASY52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM850/Right Head Cheek Low CH128/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.627 W/kg

GSM850/Right Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0:

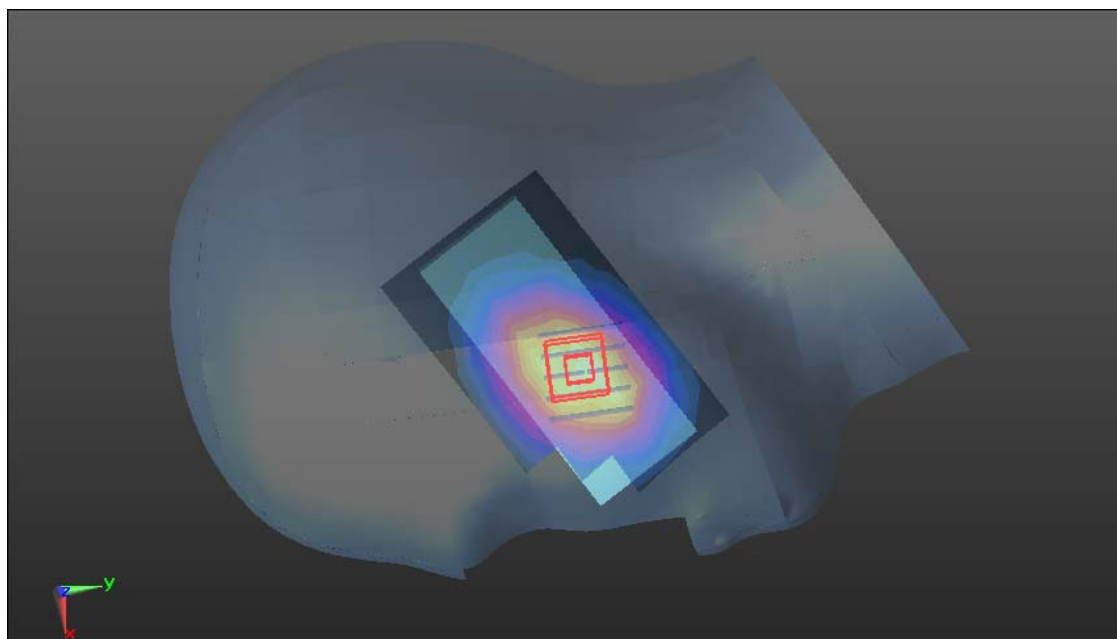
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.464 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.753 W/kg

SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.650 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Right Head Cheek Middle CH190**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.072$; $\rho = 1000$ kg/m³

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 Middle CH190/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.803 W/kg

GSM850/Right Head Cheek Middle CH190/Zoom Scan (5x5x7)/Cube 0:

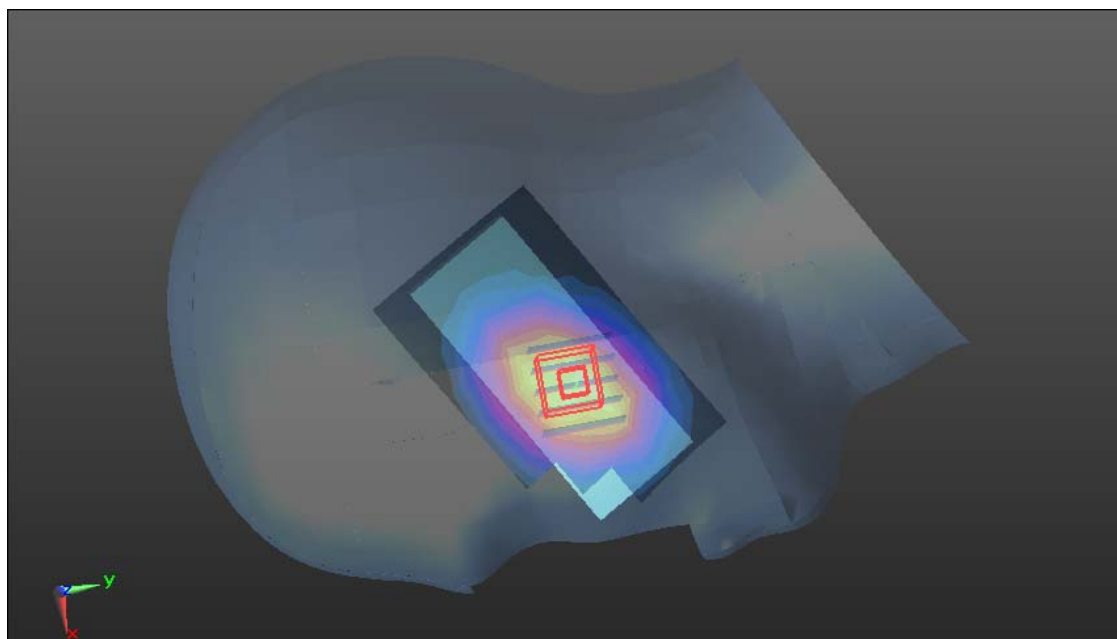
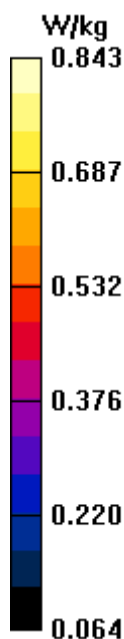
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.273 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.501 W/kg

Maximum value of SAR (measured) = 0.843 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Right Head Cheek High CH251

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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) = 0.992 W/kg

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

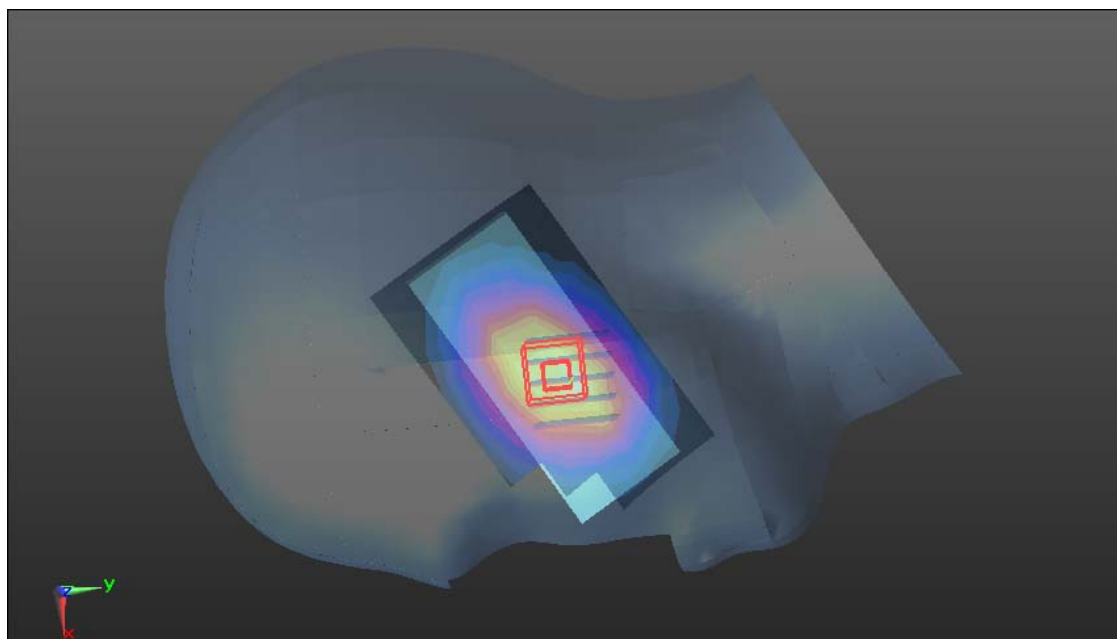
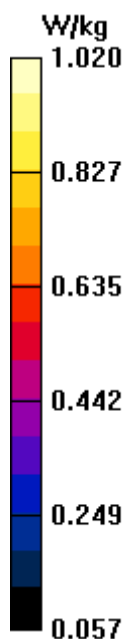
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.497 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.600 W/kg

Maximum value of SAR (measured) = 1.02 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Right Head Cheek High CH251 Repeated

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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

Medium parameters used: $f = 849 \text{ MHz}$; $\sigma = 0.92 \text{ S/m}$; $\epsilon_r = 40.971$; $\rho = 1000 \text{ kg/m}^3$

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 Repeated/Area Scan (6x9x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.946 W/kg

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

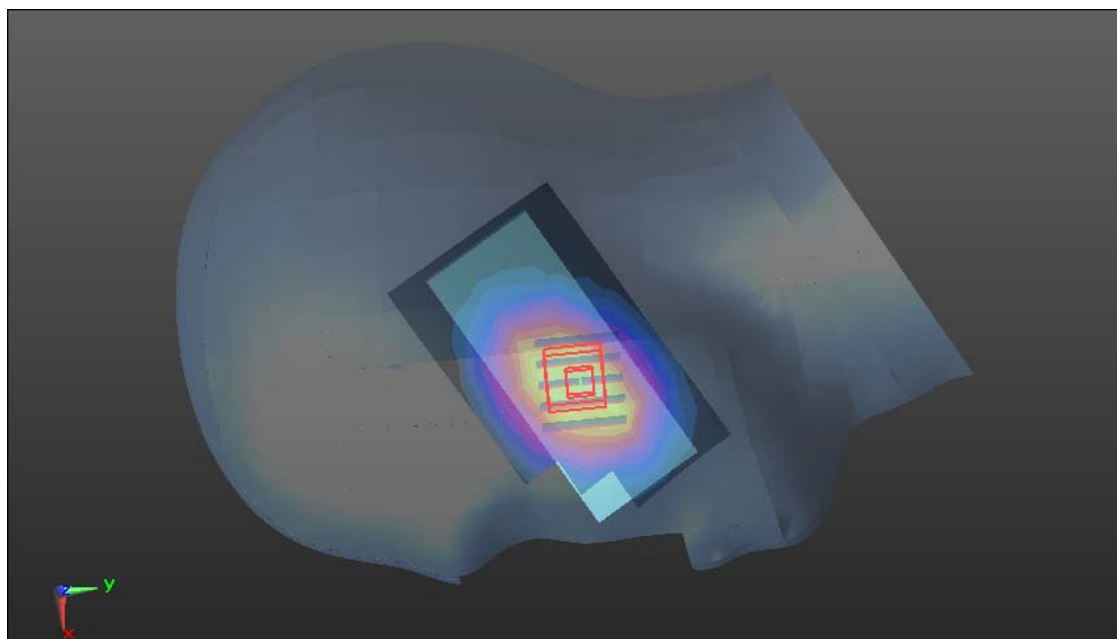
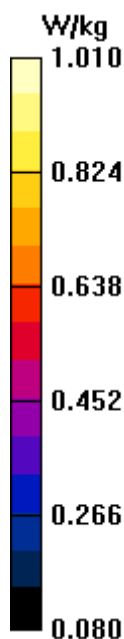
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.173 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.851 W/kg ; SAR(10 g) = 0.599 W/kg

Maximum value of SAR (measured) = 1.01 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Right Head Tilted High CH251**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.497 W/kg

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

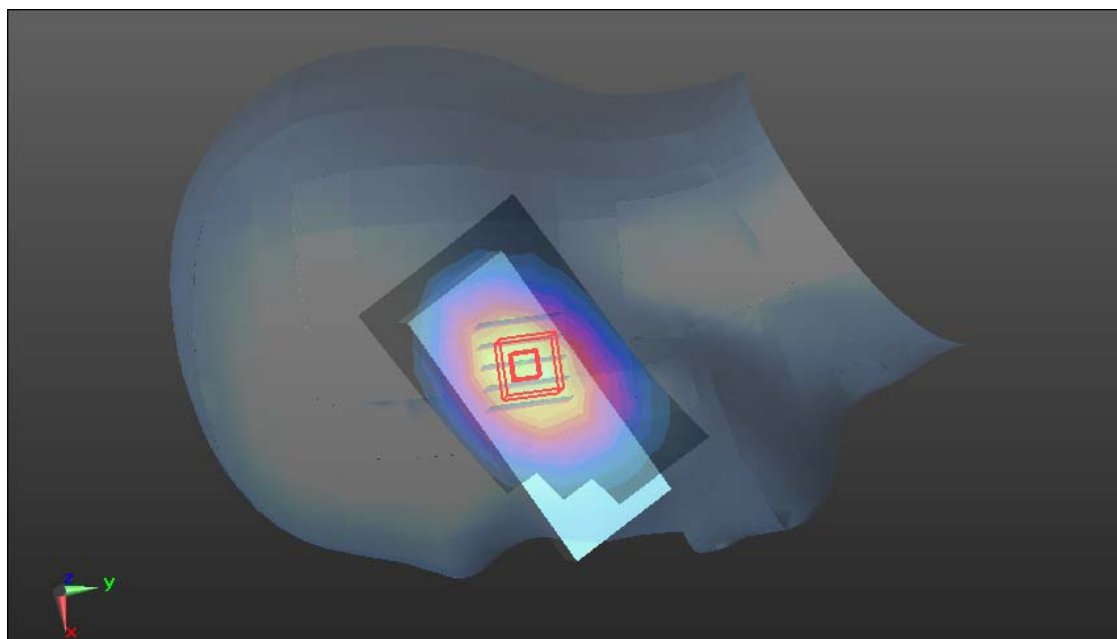
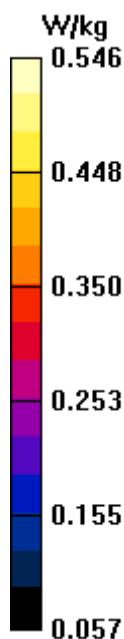
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.449 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.546 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Left Head Cheek Low CH128

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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; $\sigma = 0.896$ S/m; $\epsilon_r = 41.182$; $\rho = 1000$ kg/m³

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(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
- DAS52 52.8.5(1059);
- SEMCAD X Version 14.6.8 (7028)

GSM850/Left Head Cheek Low CH128/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.636 W/kg

GSM850/Left Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0:

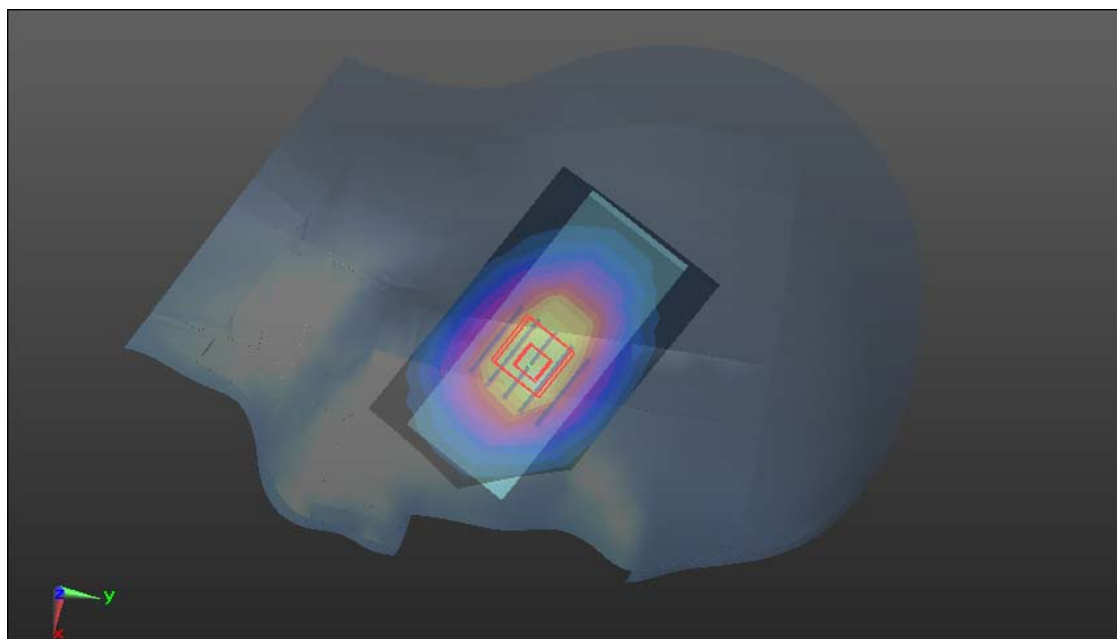
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.206 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 0.706 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Left Head Cheek Middle CH190

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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

Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.908$ S/m; $\epsilon_r = 41.072$; $\rho = 1000$ kg/m³

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 Middle CH190/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.833 W/kg

GSM850/Left Head Cheek Middle CH190/Zoom Scan (6x6x7)/Cube 0:

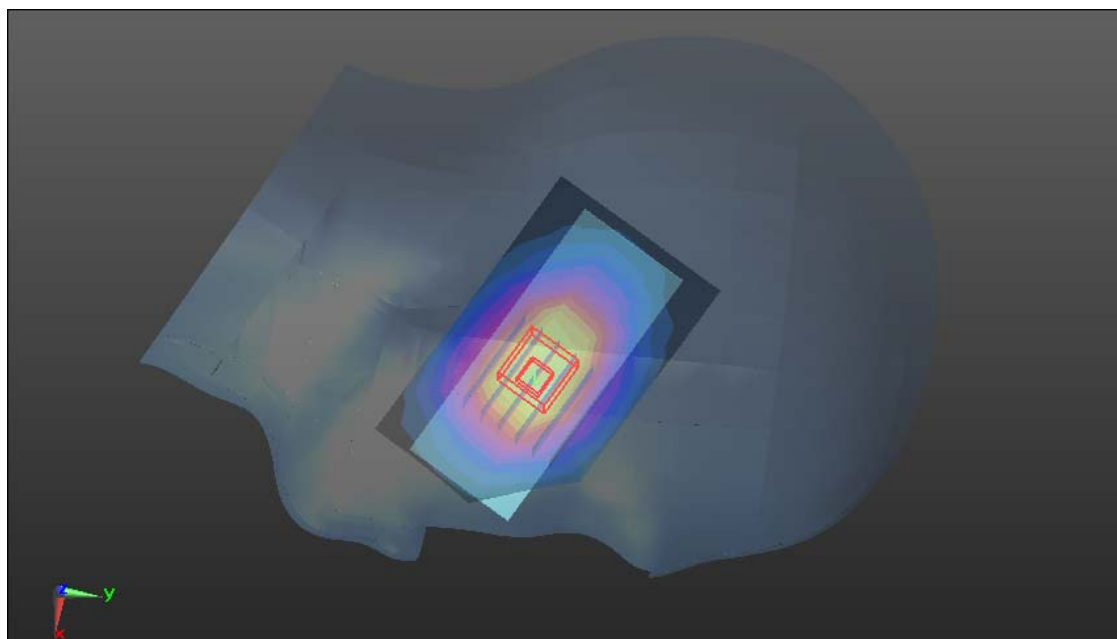
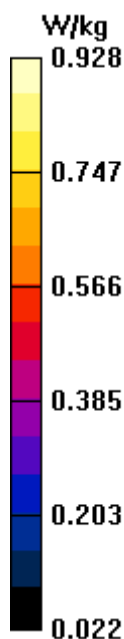
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.776 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 0.928 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Left Head Cheek High CH251

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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) = 0.965 W/kg

GSM850/Left Head Cheek High CH251/Zoom Scan (6x6x7)/Cube 0:

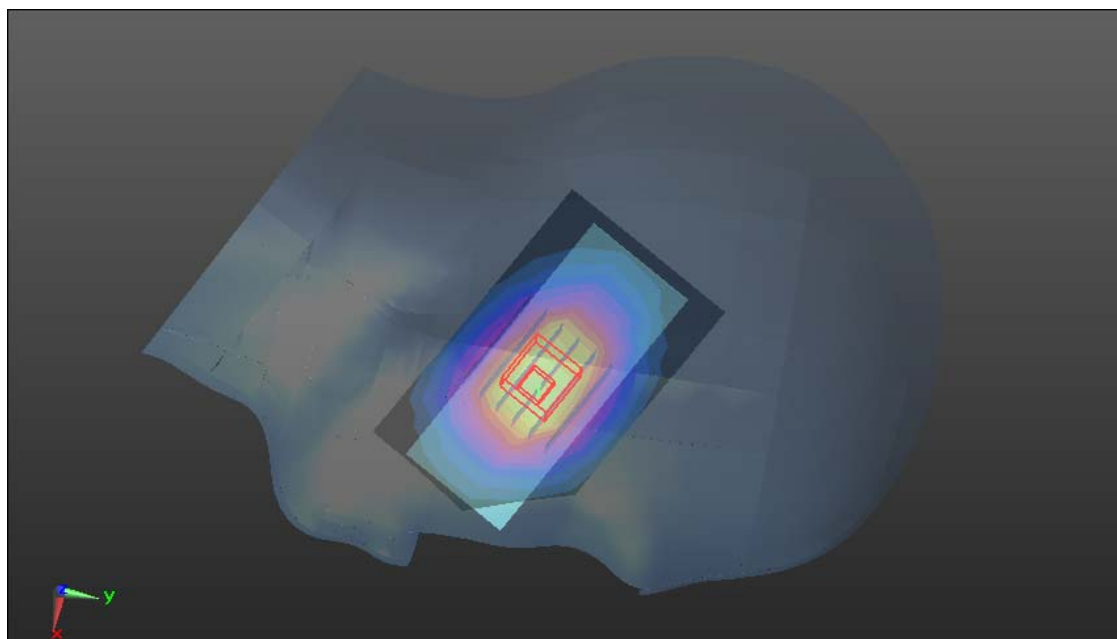
Measurement grid: dx=8mm, dy=8mm, dz=5mm

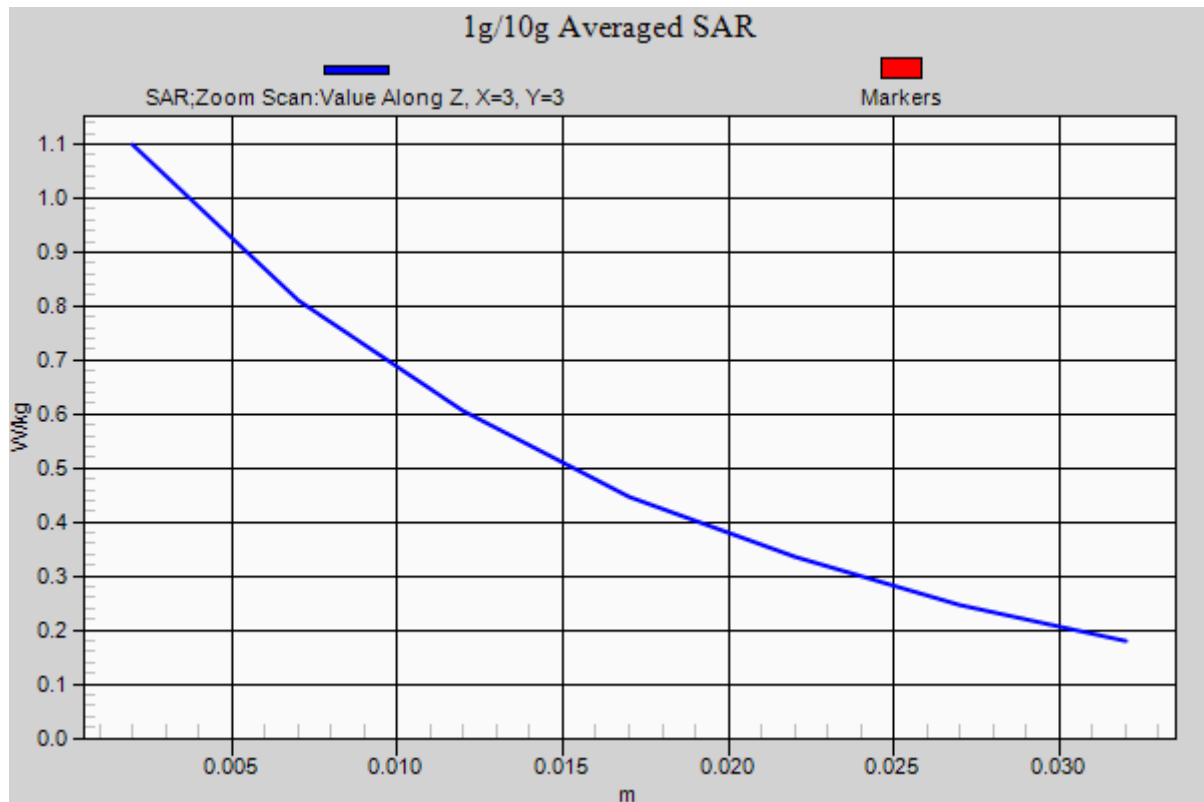
Reference Value = 16.008 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.660 W/kg

Maximum value of SAR (measured) = 1.10 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Left Head Cheek High CH251 Rpeated

DUT: Nuqleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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 Rpeated/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.949 W/kg

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

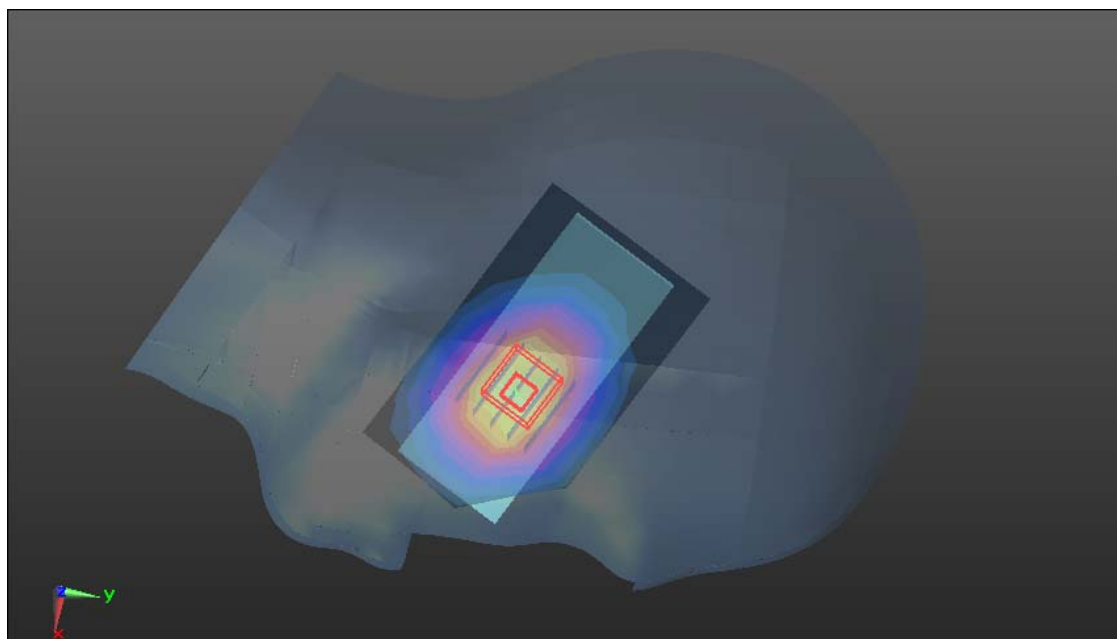
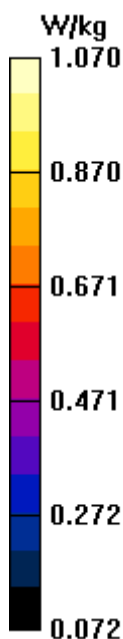
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.397 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.642 W/kg

Maximum value of SAR (measured) = 1.07 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/23/2014

GSM 850-Left Head Tilted High CH251

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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) = 0.540 W/kg

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

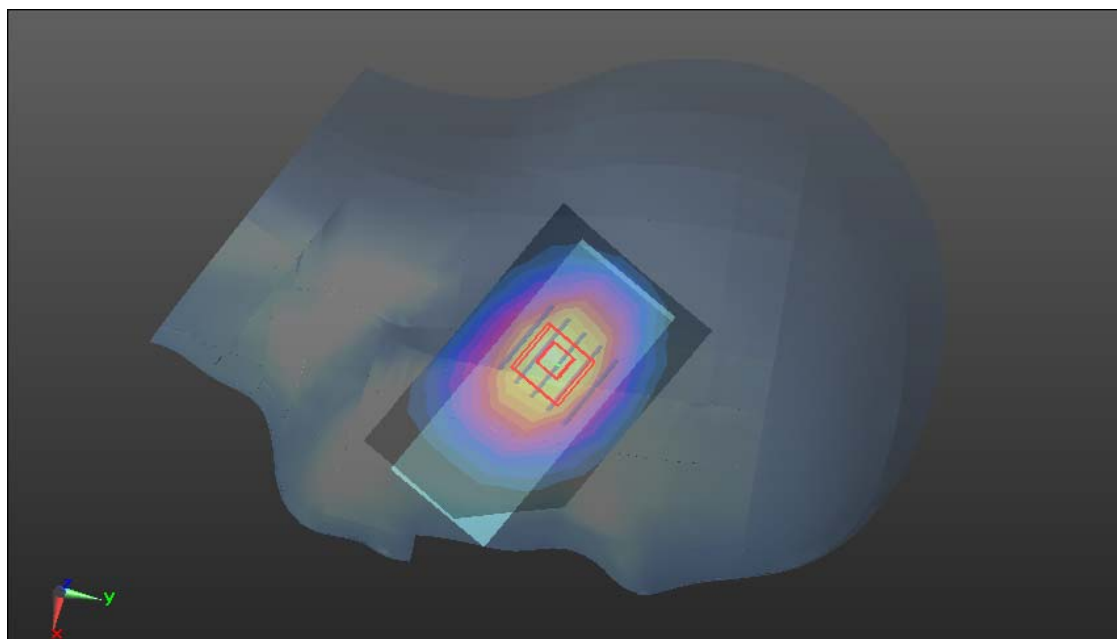
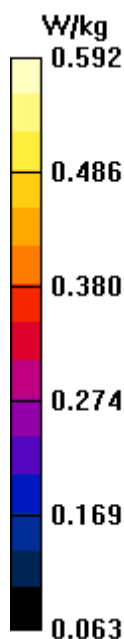
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.992 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 0.592 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/25/2014

PCS 1900-Right Head Cheek Low CH512

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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 (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.794 W/kg

PCS1900/Right Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:

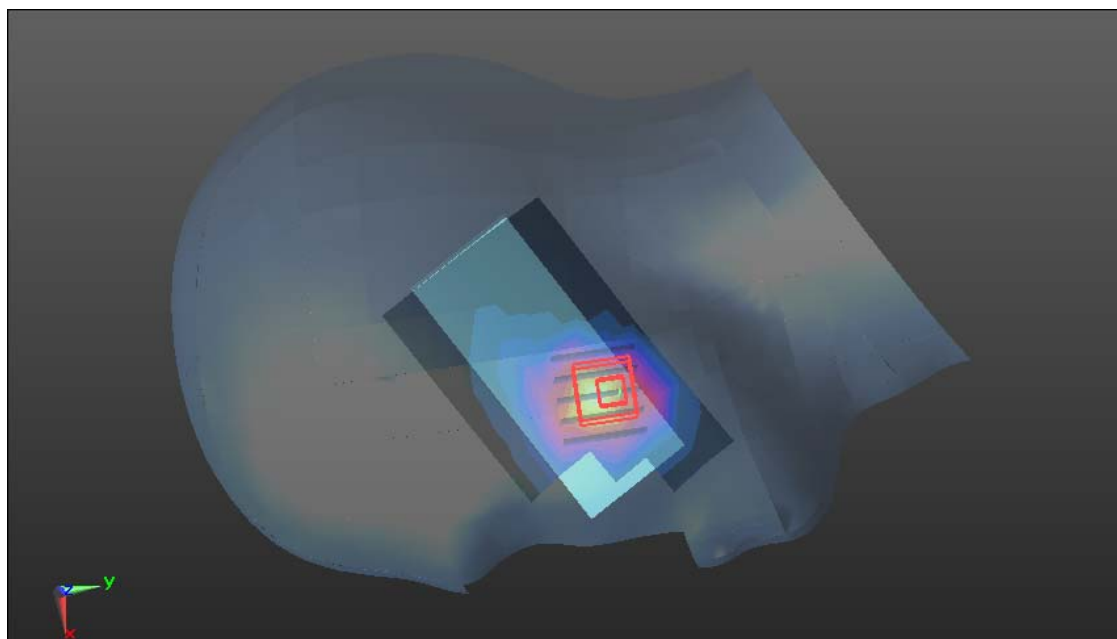
Measurement grid: dx=8mm, dy=8mm, dz=5mm

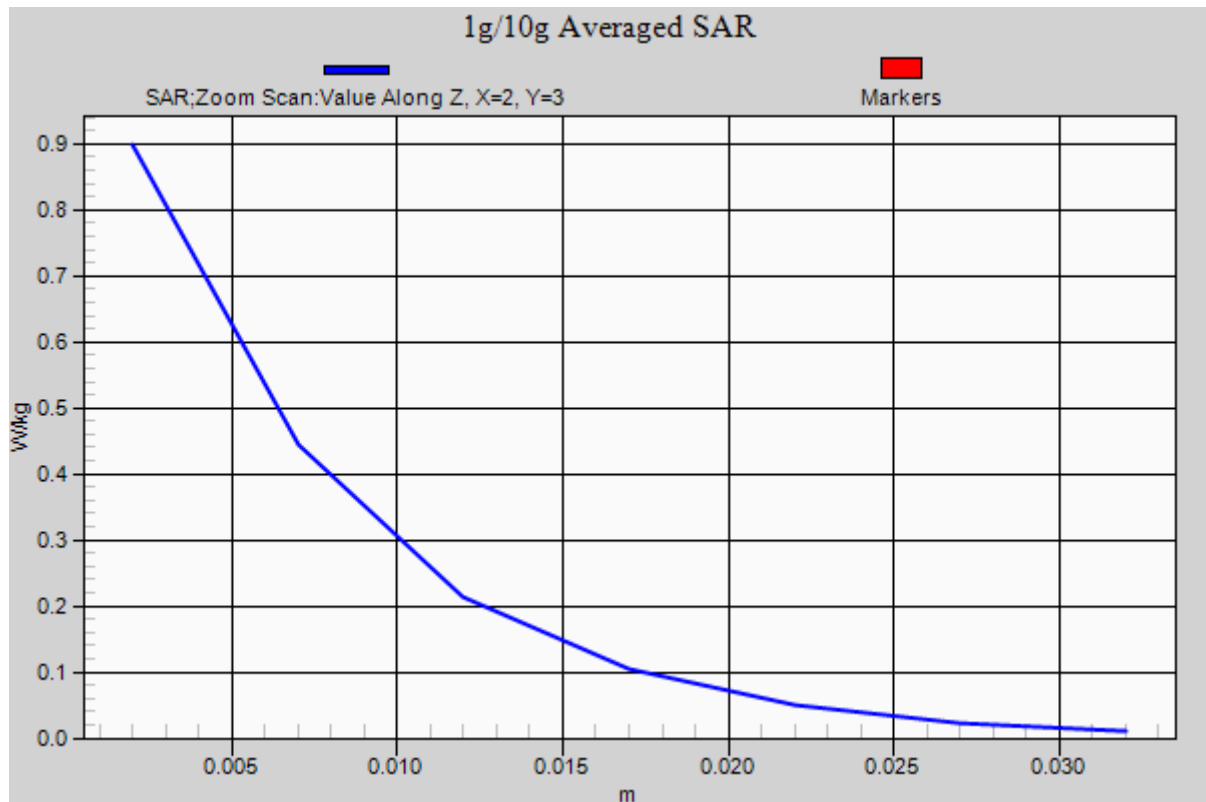
Reference Value = 4.882 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.606 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.899 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/25/2014

PCS 1900-Right Head Tilted Low CH512**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 Low CH512/Area Scan (6x9x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.108 W/kg

PCS1900/Right Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:

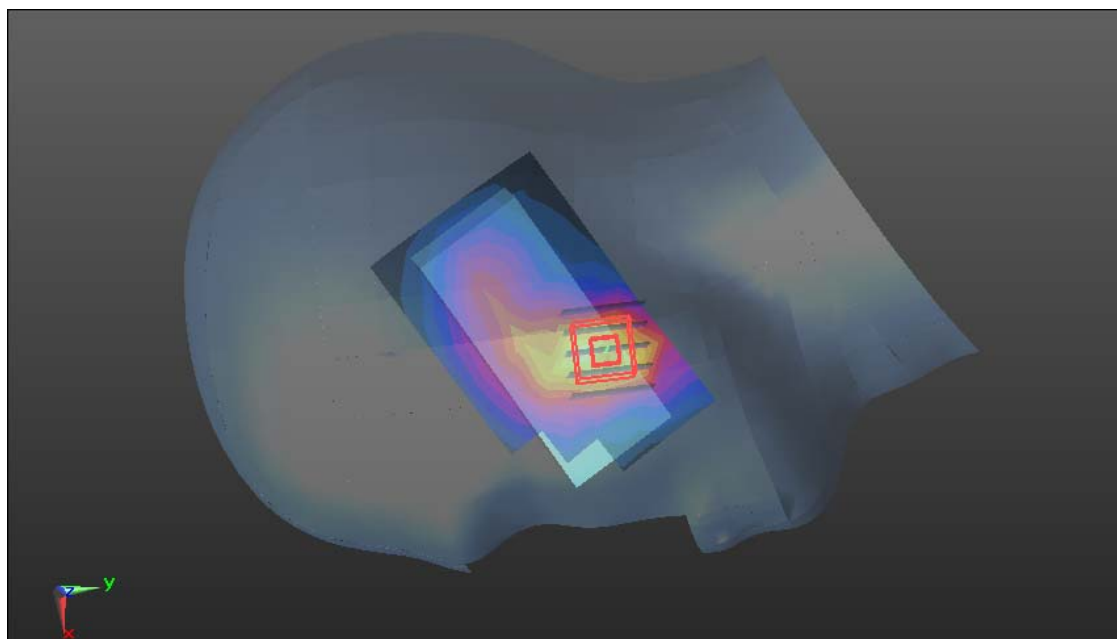
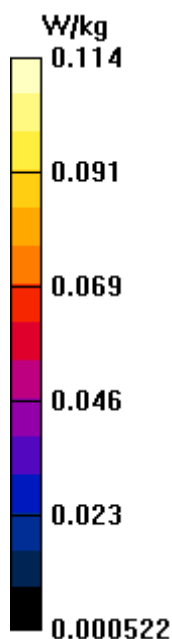
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.299 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.114 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/25/2014

PCS 1900-Left Head Cheek Low CH512

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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) = 0.575 W/kg

PCS1900/Left Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0:

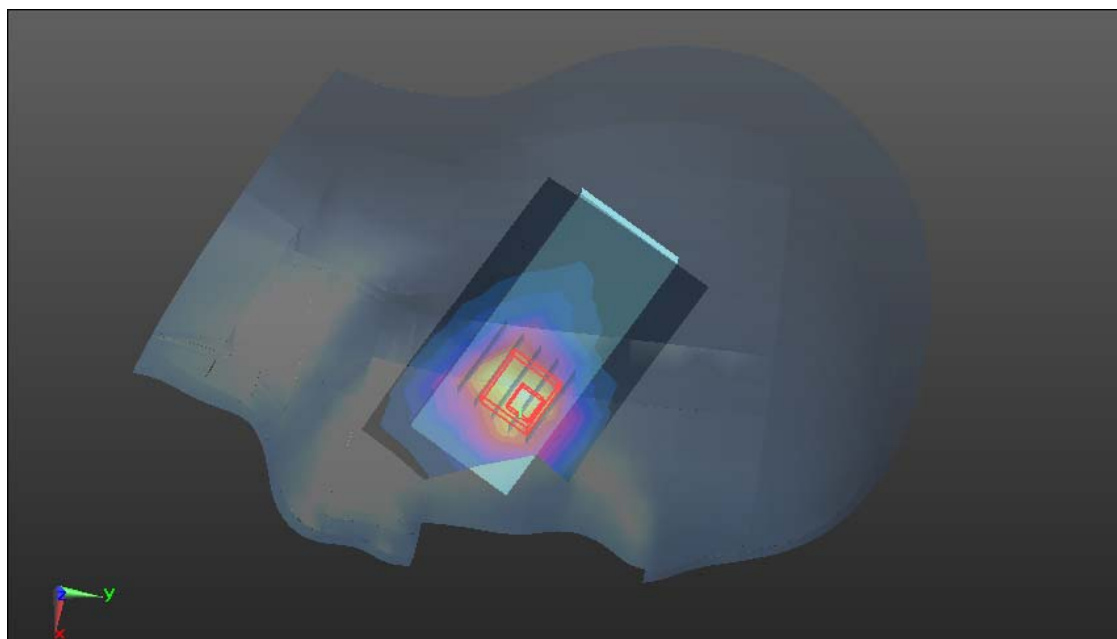
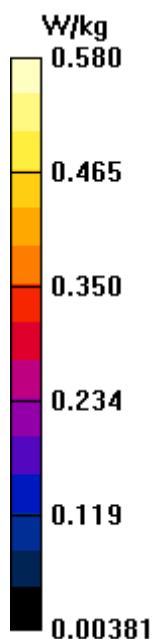
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.550 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.820 W/kg

SAR(1 g) = 0.418 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.580 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/25/2014

PCS 1900-Left Head Tilted Low CH512

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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) = 0.0965 W/kg

PCS1900/Left Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0:

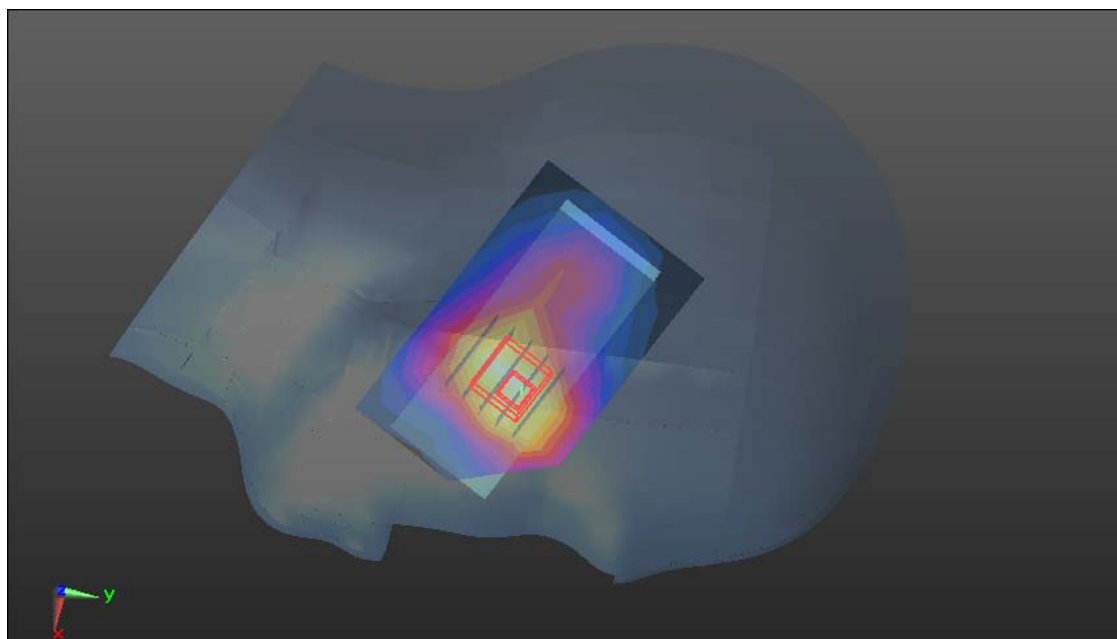
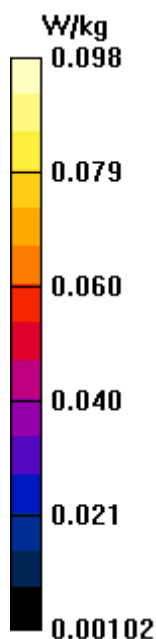
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.120 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.072 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.0985 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/24/2014

GPRS 850-Body Up High CH251**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 Up High CH251/Area Scan (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.789 W/kg

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

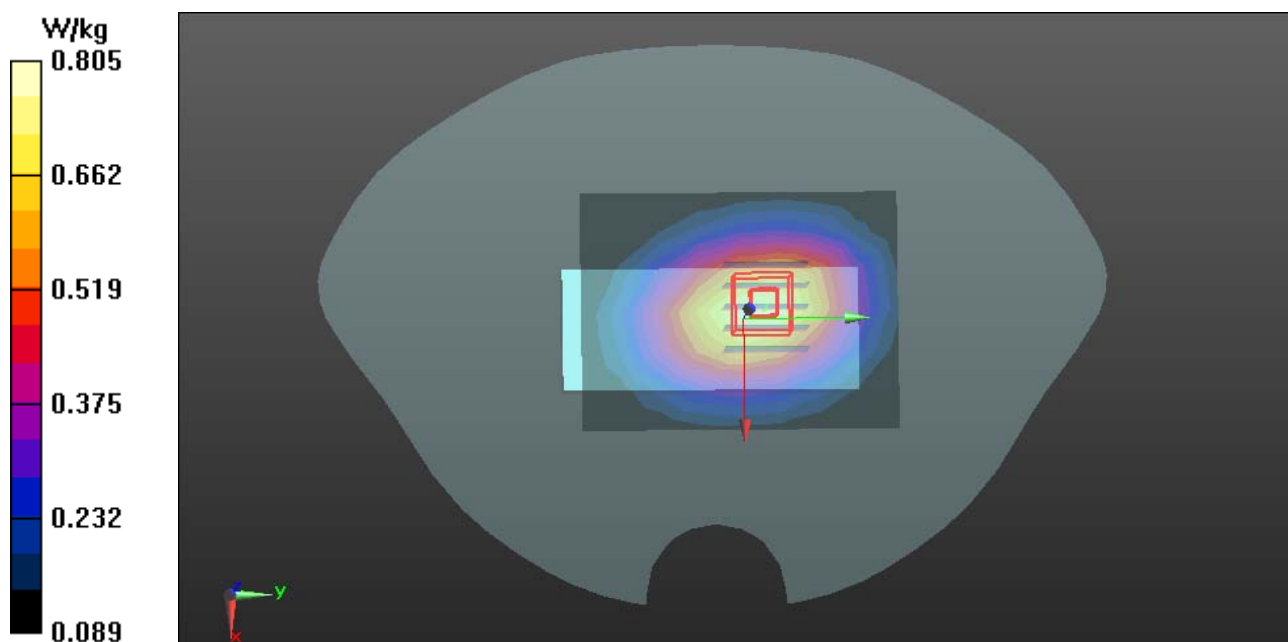
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.031 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.922 W/kg

SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 0.805 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/24/2014

GPRS 850-Body Rear Low CH128**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 Rear Low CH128/Area Scan (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.05 W/kg

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

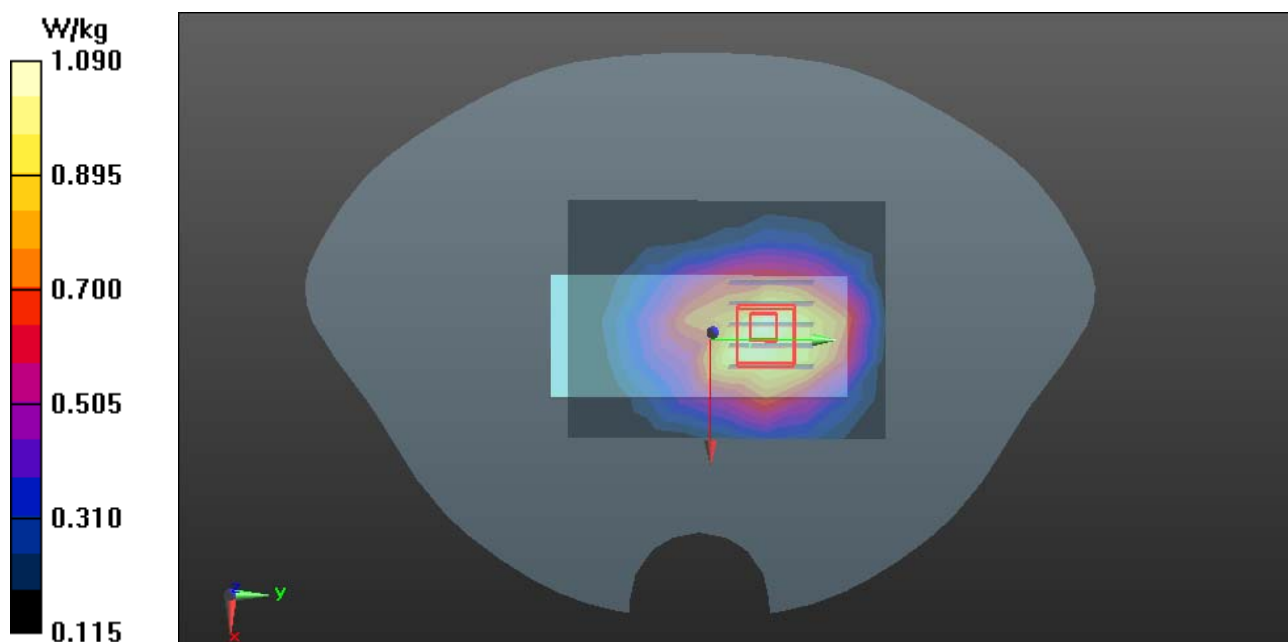
dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.951 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.881 W/kg; SAR(10 g) = 0.619 W/kg

Maximum value of SAR (measured) = 1.09 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/24/2014

GPRS 850-Body Rear Middle CH190**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.26 W/kg

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

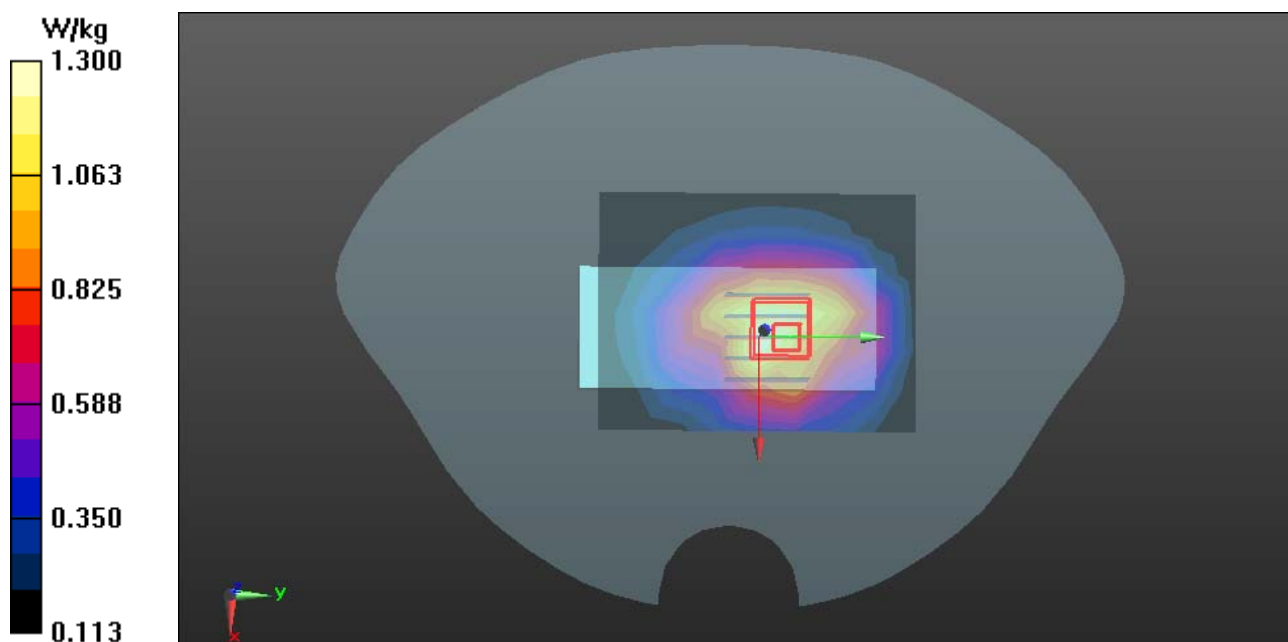
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.345 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.95 W/kg; SAR(10 g) = 0.708 W/kg

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





Test Laboratory: Compliance Certification Services Inc.

Date: 2/24/2014

GPRS 850-Body Rear Middle CH190 repeated**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 repeated/Area Scan (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.15 W/kg

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

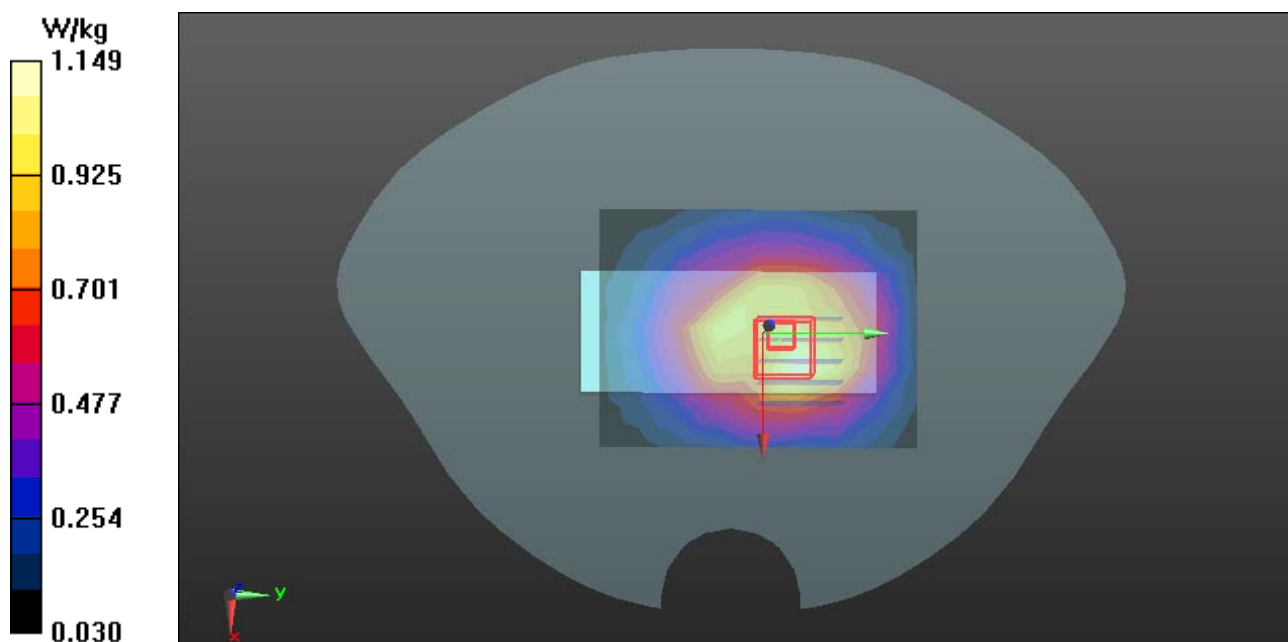
grid: dx=8mm, dy=8mm, dz=5mm

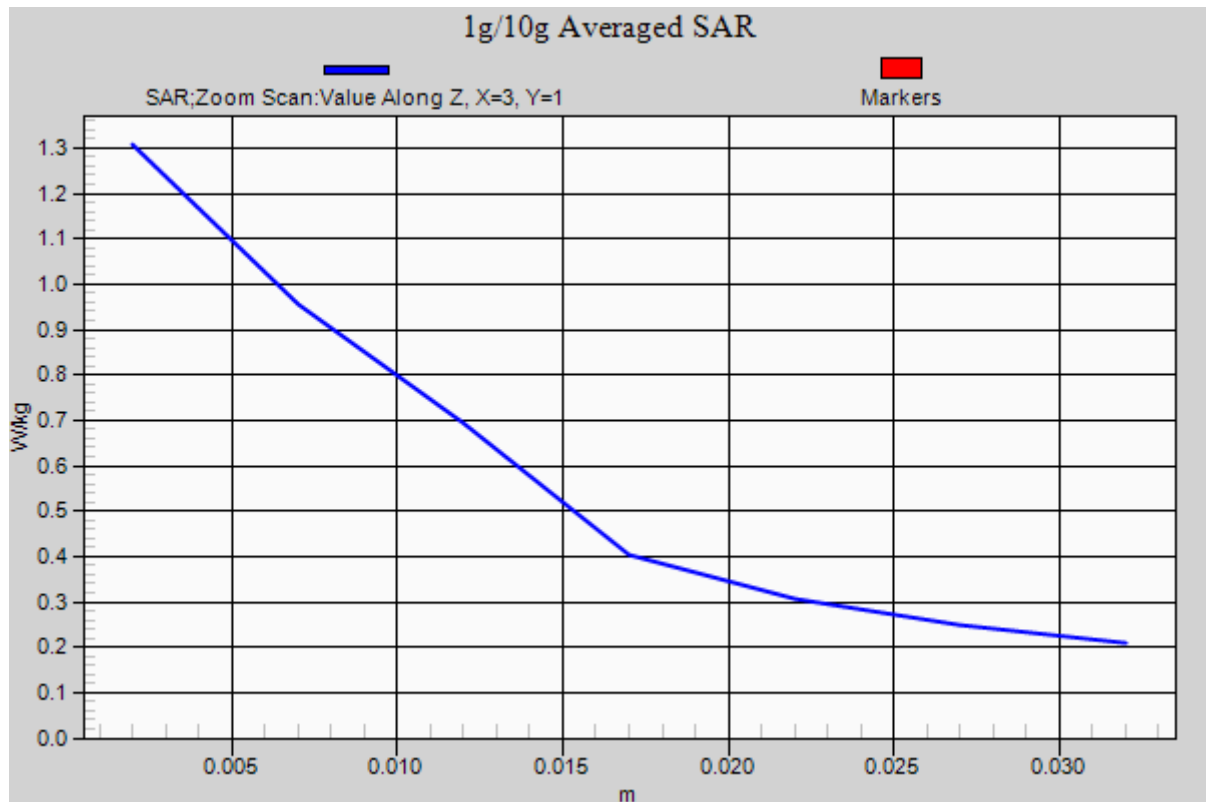
Reference Value = 33.390 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.98 W/kg; SAR(10 g) = 0.713 W/kg

Maximum value of SAR (measured) = 1.31 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/24/2014

GPRS 850-Body Rear High CH251**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

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/m³

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 (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 1.22 W/kg

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

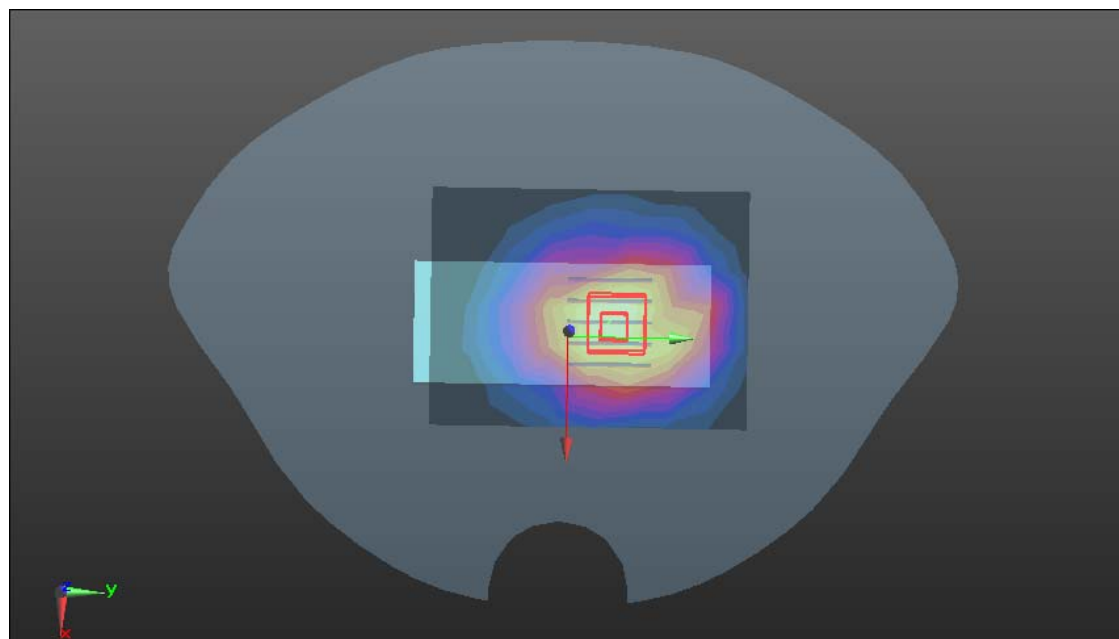
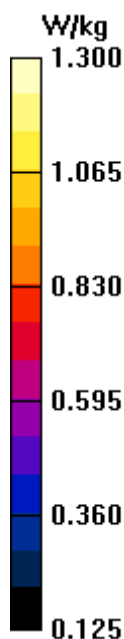
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.048 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.94 W/kg; SAR(10 g) = 0.701 W/kg

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





Test Laboratory: Compliance Certification Services Inc.

Date: 2/24/2014

GSM 850-Body Rear Middle CH190

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

Communication System: Generic GSM; Communication System Band: GSM850; Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium parameters used: $f = 837$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 52.88$; $\rho = 1000$ kg/m³

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 Middle CH190/Area Scan (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.649 W/kg

GSM 850/GSM850 Body Rear Middle CH190/Zoom Scan (5x5x7)/Cube 0:

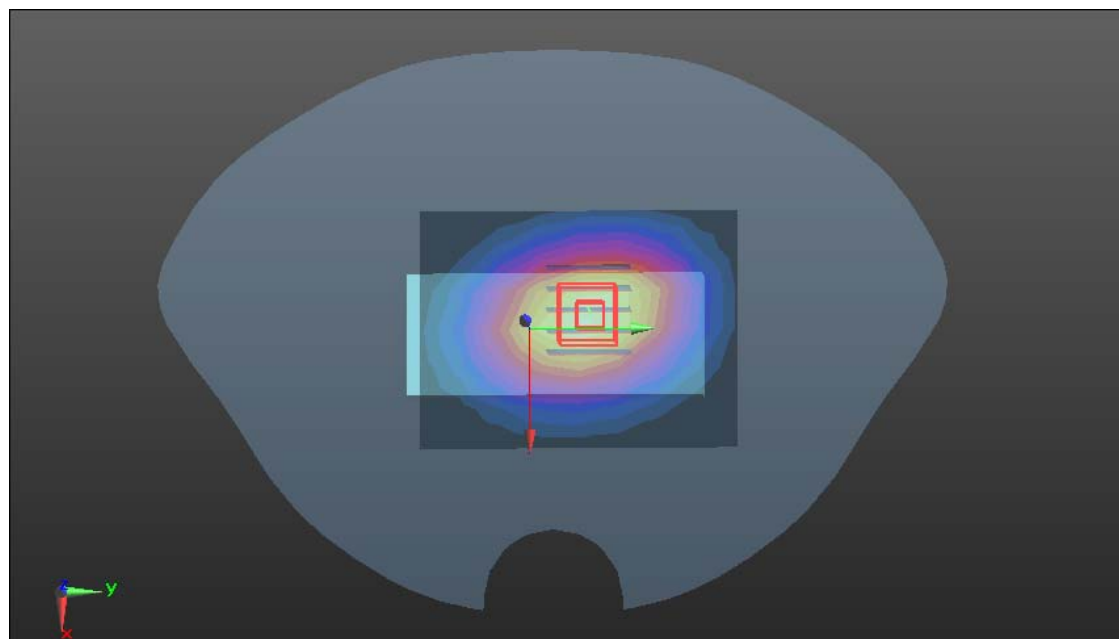
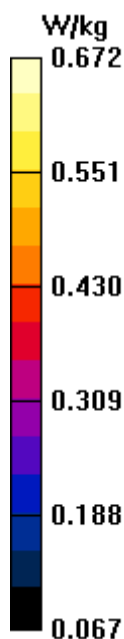
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.689 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.394 W/kg

Maximum value of SAR (measured) = 0.672 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/26/2014

GPRS 1900-Body Front Low CH512**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 53.739$; $\rho = 1000$ kg/m³

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 (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.280 W/kg

GPRS 1900/Body Front Low CH512/Zoom Scan (5x5x7)/Cube 0:

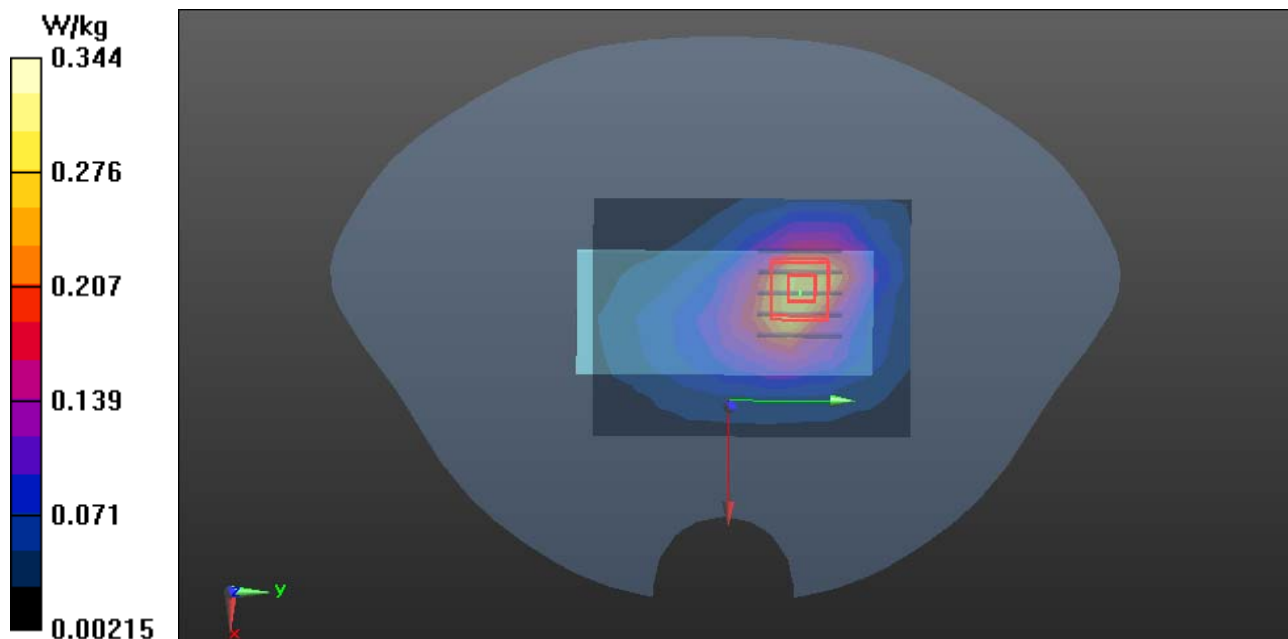
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.312 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.344 W/kg





Test Laboratory: Compliance Certification Services Inc.

Date: 2/26/2014

GPRS 1900-Body Rear Low CH512**DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632**

Communication System: Generic GPRS; Communication System Band: GPRS1900; Frequency: 1850.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.512$ S/m; $\epsilon_r = 53.739$; $\rho = 1000$ kg/m³

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 (9x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.367 W/kg

GPRS 1900/Body Rear Low CH512/Zoom Scan (5x5x7)/Cube 0:

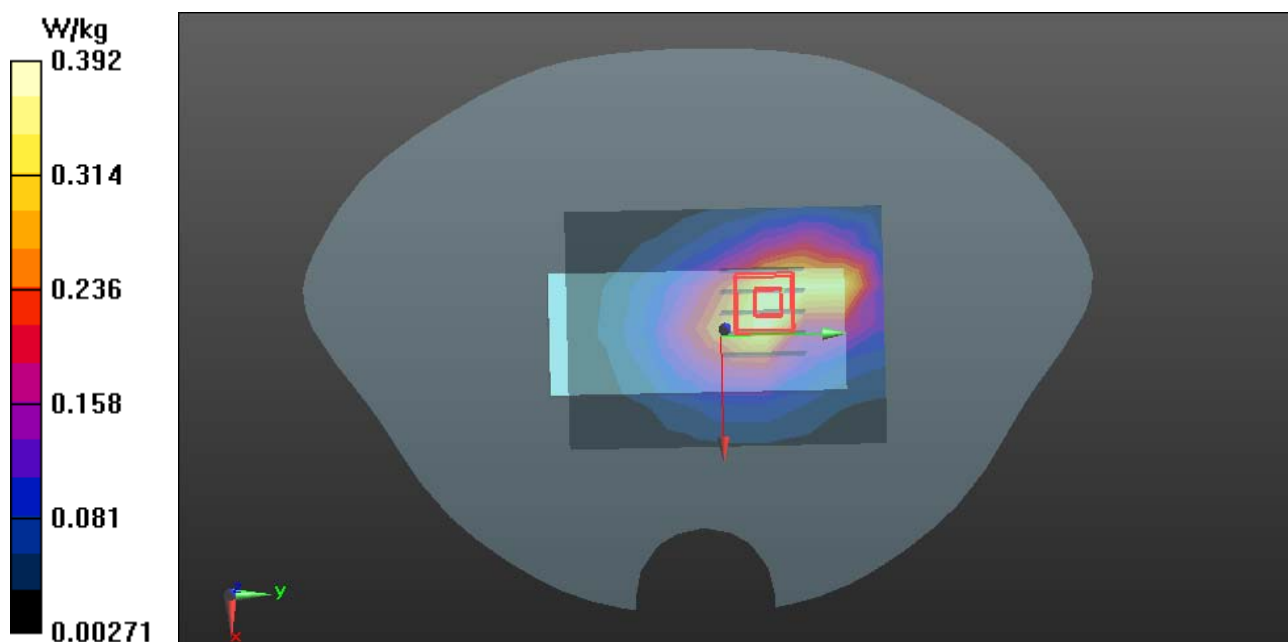
Measurement grid: dx=8mm, dy=8mm, dz=5mm

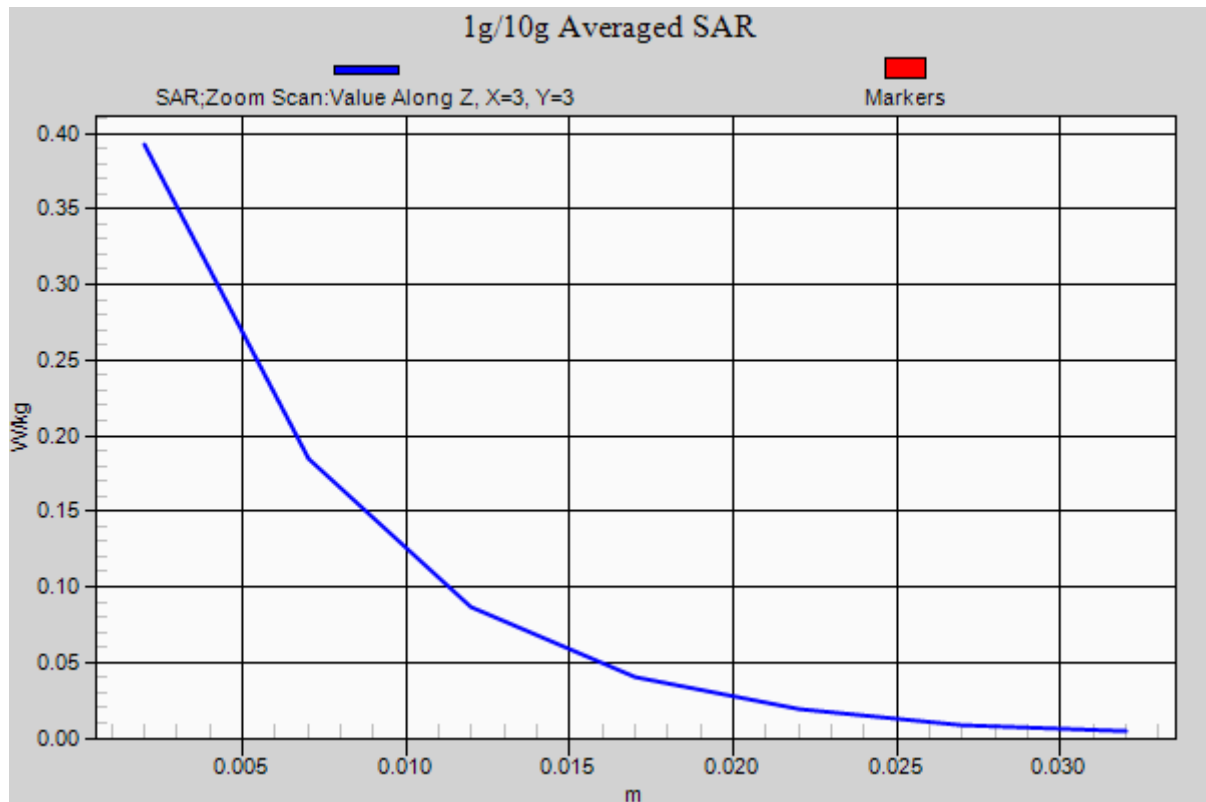
Reference Value = 12.285 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.544 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.392 W/kg







Test Laboratory: Compliance Certification Services Inc.

Date: 2/26/2014

PCS 1900-Body Rear Low CH512

DUT: Nucleo cell phone; Type: MiQros; Serial: 356110052415632

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/m³

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

Phantom section: Flat Section

Measurement Standard: DAS5 (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)

PCS 1900/Body Rear Low CH512/Area Scan (10x7x1):

Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.335 W/kg

PCS 1900/Body Rear Low CH512/Zoom Scan (5x5x7)/Cube 0:

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

Reference Value = 11.664 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.349 W/kg

