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Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Right Head Cheek Low CH128

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 824.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.88$ mho/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM850/Right Head Cheek Low CH128/Area Scan (51x91x1):

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

Maximum value of SAR (interpolated) = 0.732 mW/g

GSM850/Right Head Cheek Low CH128/Zoom Scan (7x7x7)/Cube 0:

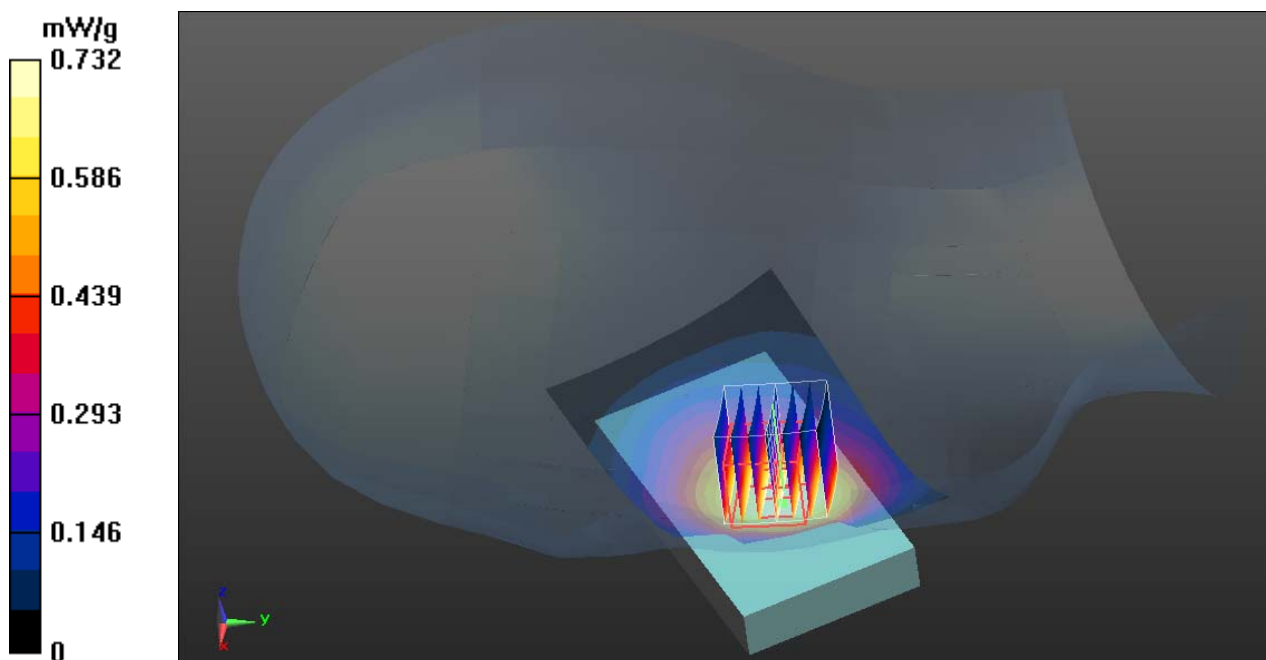
Measurement grid: dx=5mm, dy=5mm, dz=5mm

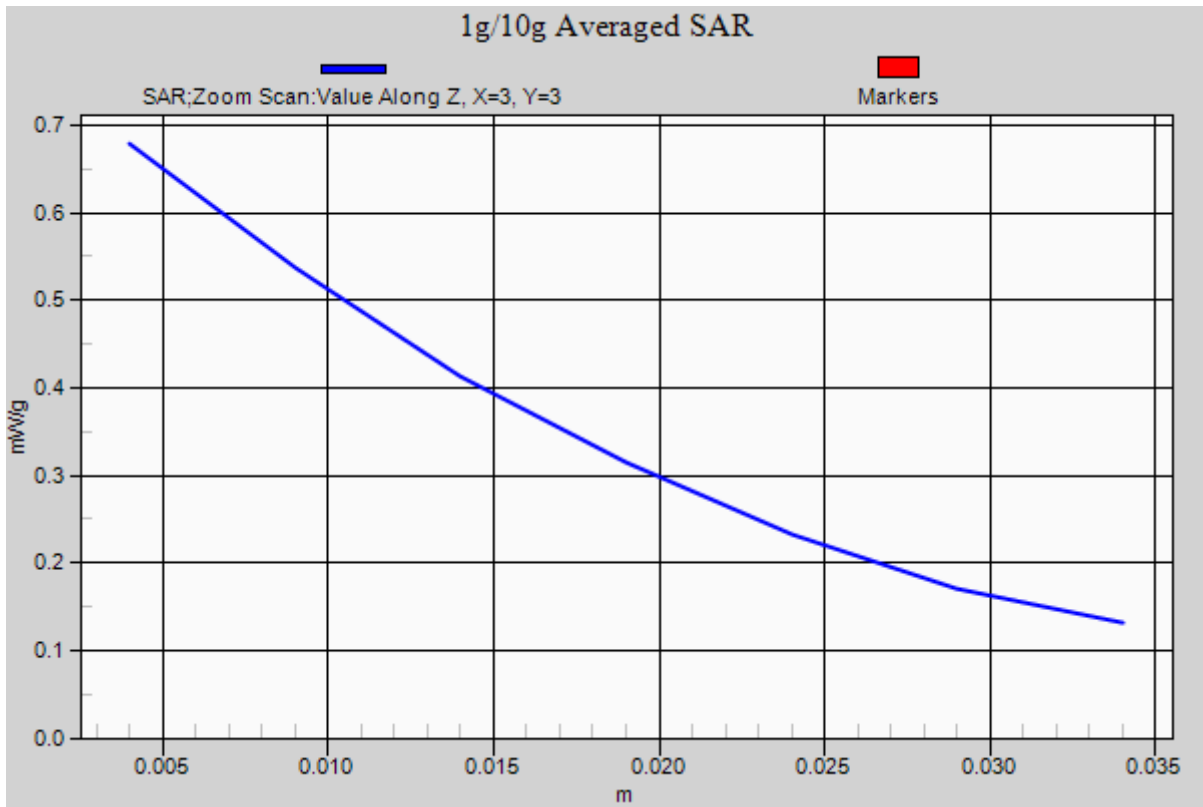
Reference Value = 25.730 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.798 mW/g

SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 0.678 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Right Head Cheek Middle CH190

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 836.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.89$ mho/m; $\epsilon_r = 41.478$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM850/Right Head Cheek Middle CH190/Area Scan (51x91x1):

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

Maximum value of SAR (interpolated) = 0.822 mW/g

GSM850/Right Head Cheek Middle CH190/Zoom Scan (7x7x7)/Cube 0:

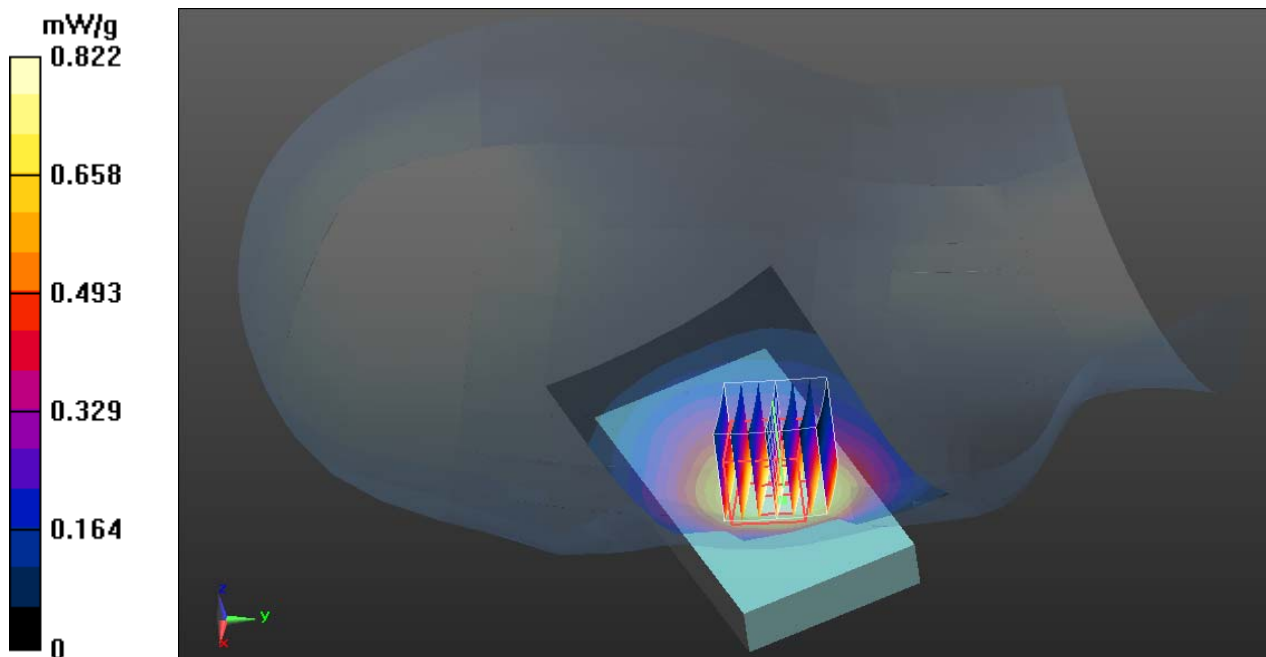
Measurement grid: dx=5mm, dy=5mm, dz=5mm

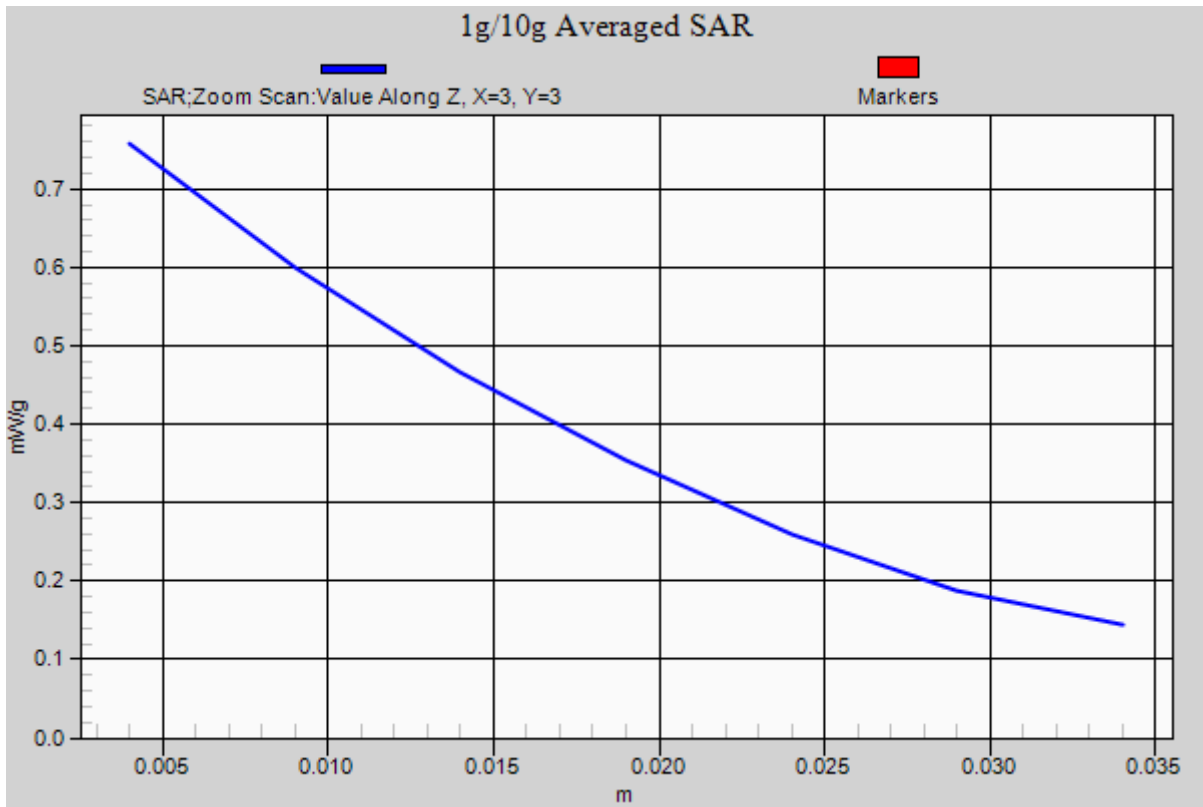
Reference Value = 26.601 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.901 mW/g

SAR(1 g) = 0.719 mW/g; SAR(10 g) = 0.534 mW/g

Maximum value of SAR (measured) = 0.757 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Right Head Cheek High CH251

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.327$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM850/Right Head Cheek High CH251/Area Scan (51x91x1):

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

Maximum value of SAR (interpolated) = 0.887 mW/g

GSM850/Right Head Cheek High CH251/Zoom Scan (7x7x7)/Cube 0:

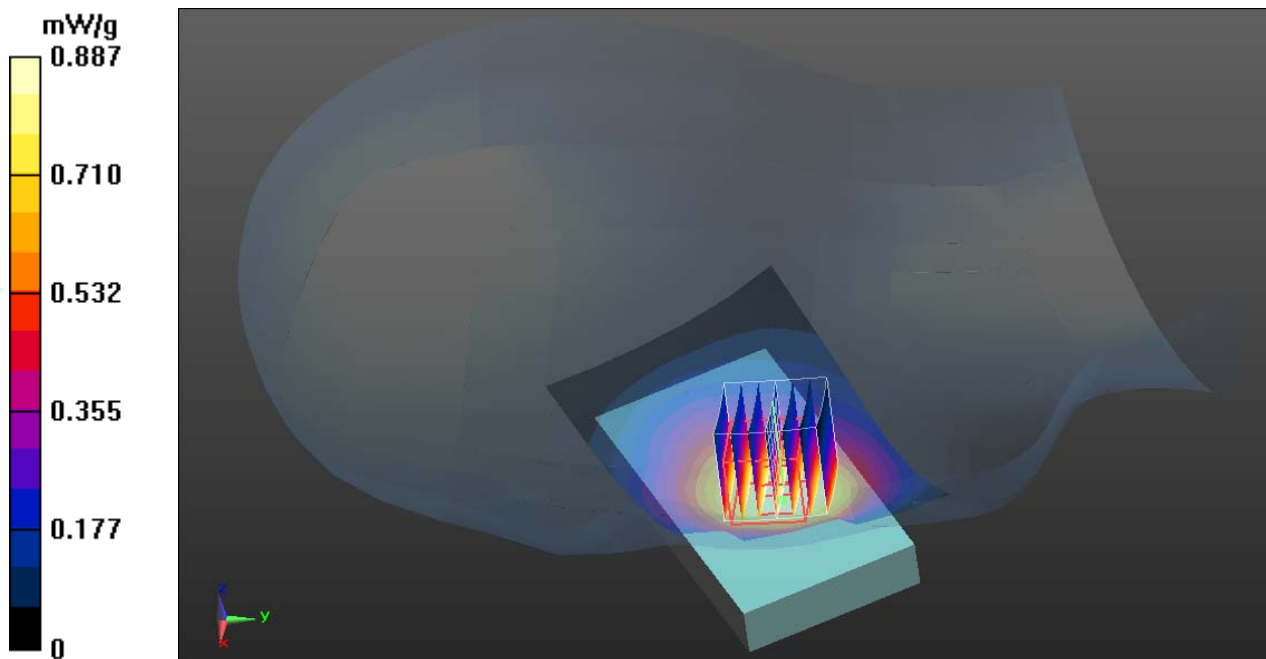
Measurement grid: dx=5mm, dy=5mm, dz=5mm

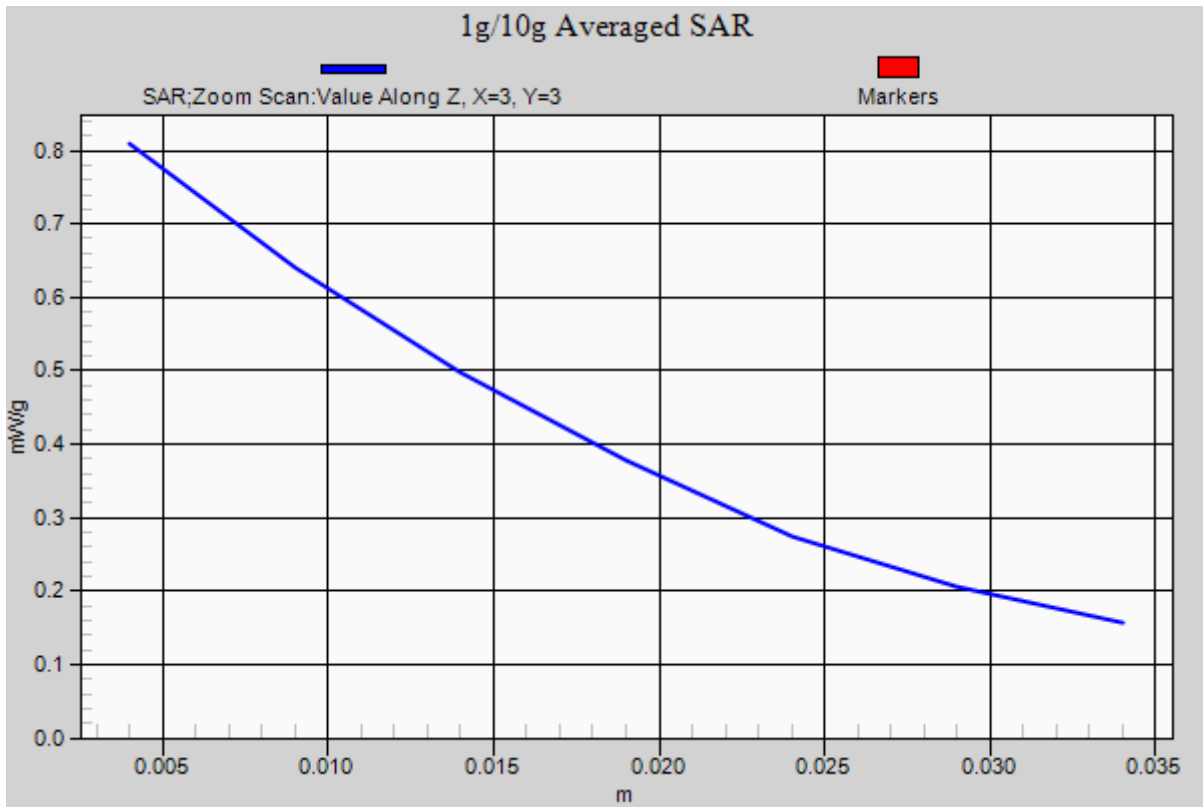
Reference Value = 27.611 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.925 mW/g

SAR(1 g) = 0.769 mW/g; SAR(10 g) = 0.573 mW/g

Maximum value of SAR (measured) = 0.809 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Right Head Tilted High CH251

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 848.8MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 848.8\text{MHz}$; $\sigma = 0.899\text{ mho/m}$; $\epsilon_r = 41.327$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.1(838); SEMCAD X 14.6.5(6469)

GSM850/Right Head Tilted High CH251/Area Scan (51x81x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.532 mW/g

GSM850/Right Head Tilted High CH251/Zoom Scan (7x7x7)/Cube 0:

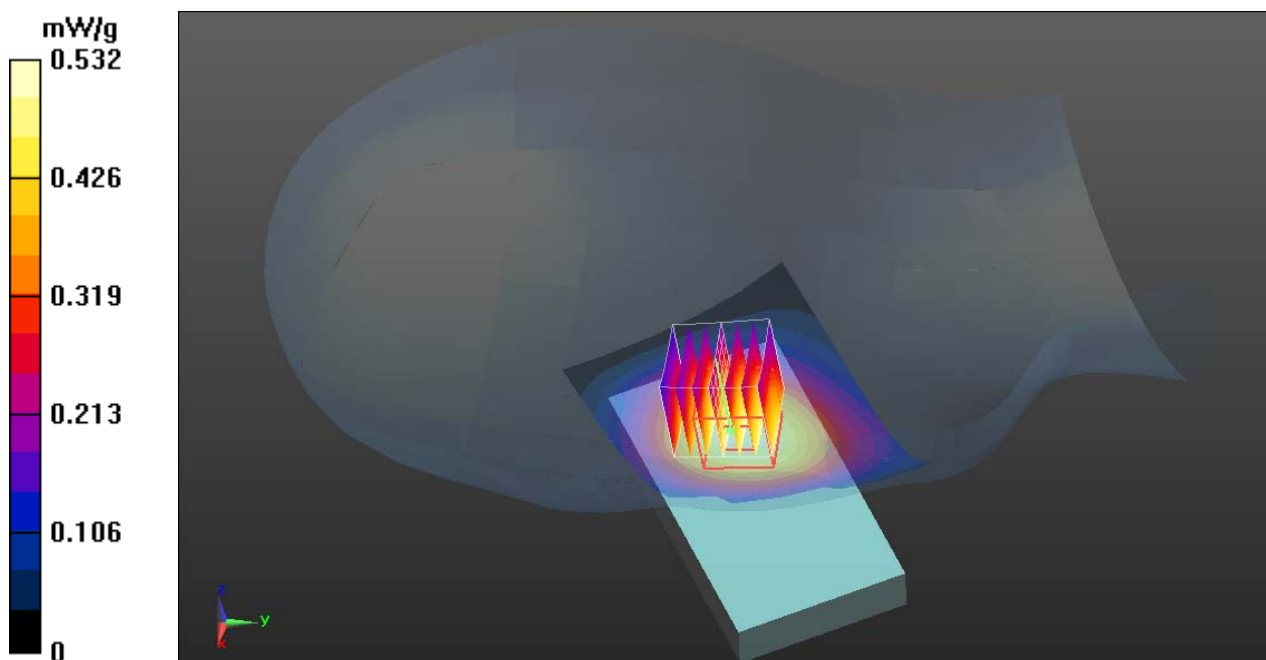
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

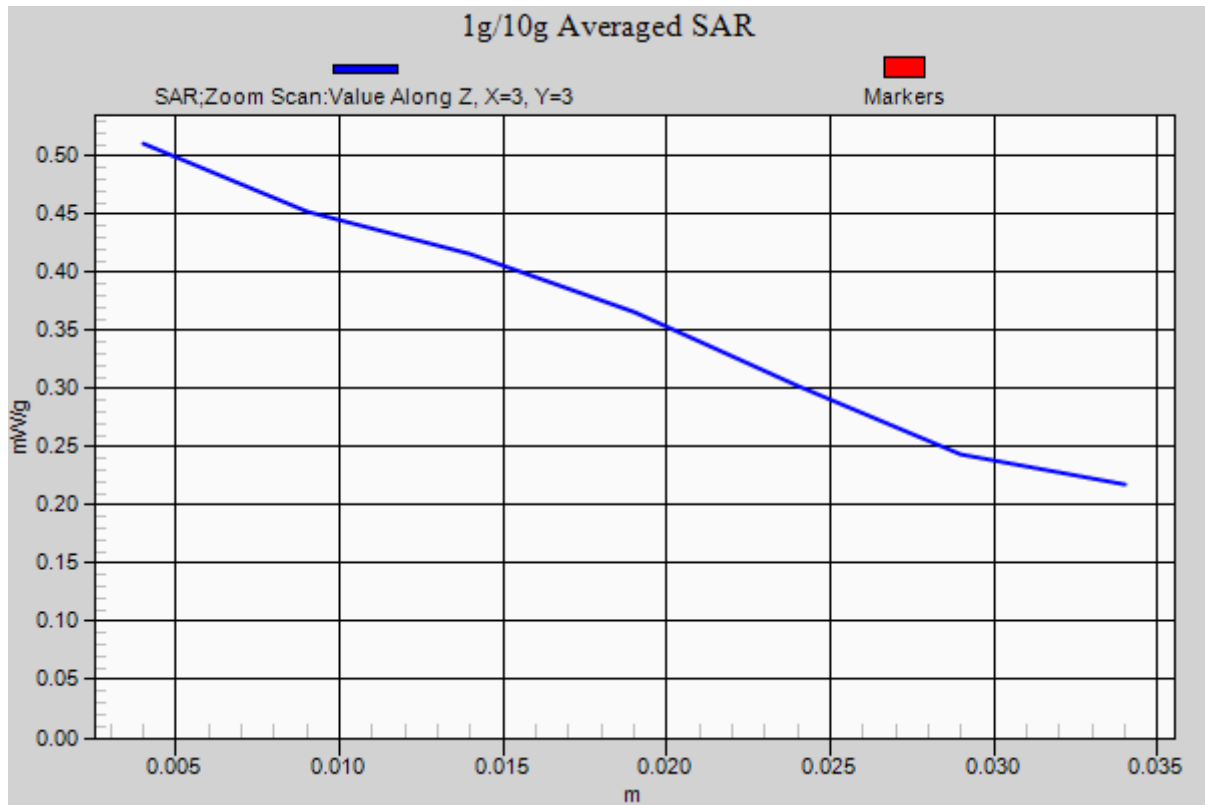
Reference Value = 12.591 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.578 mW/g

SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 0.511 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Left Head Cheek High CH251

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.327$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM850/Left Head Cheek High CH251/Area Scan (61x101x1):

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

Maximum value of SAR (interpolated) = 0.691 mW/g

GSM850/Left Head Cheek High CH251/Zoom Scan (7x7x9)/Cube 0:

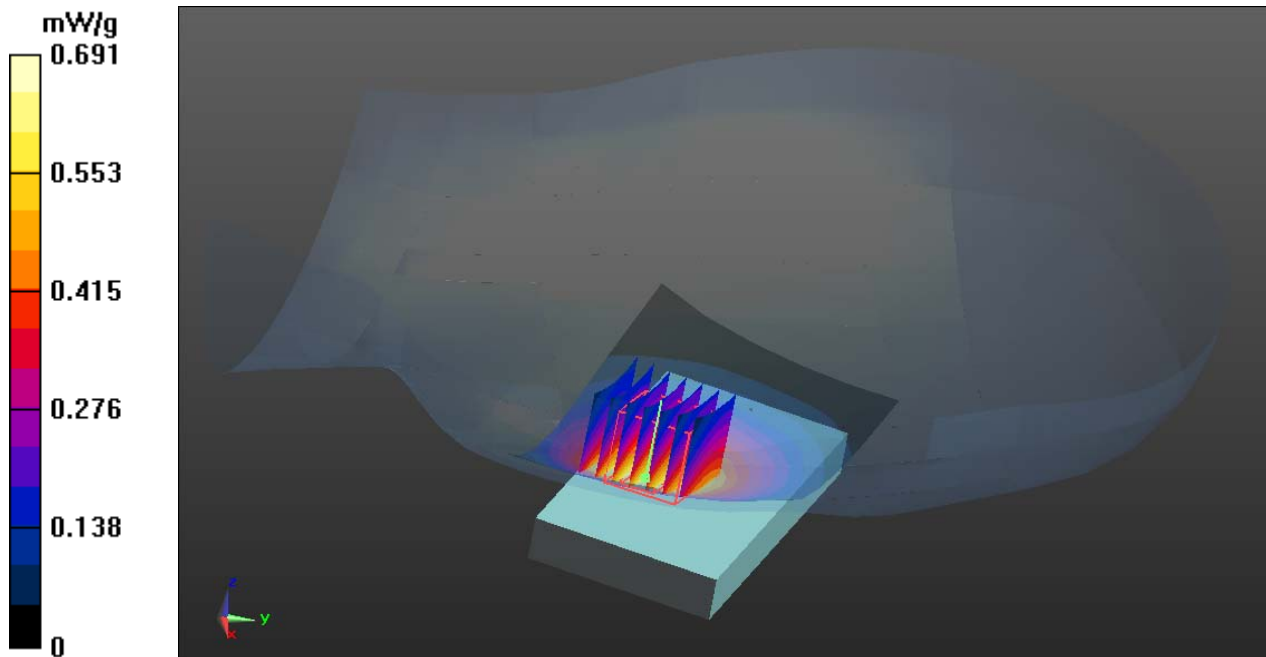
Measurement grid: dx=5mm, dy=5mm, dz=5mm

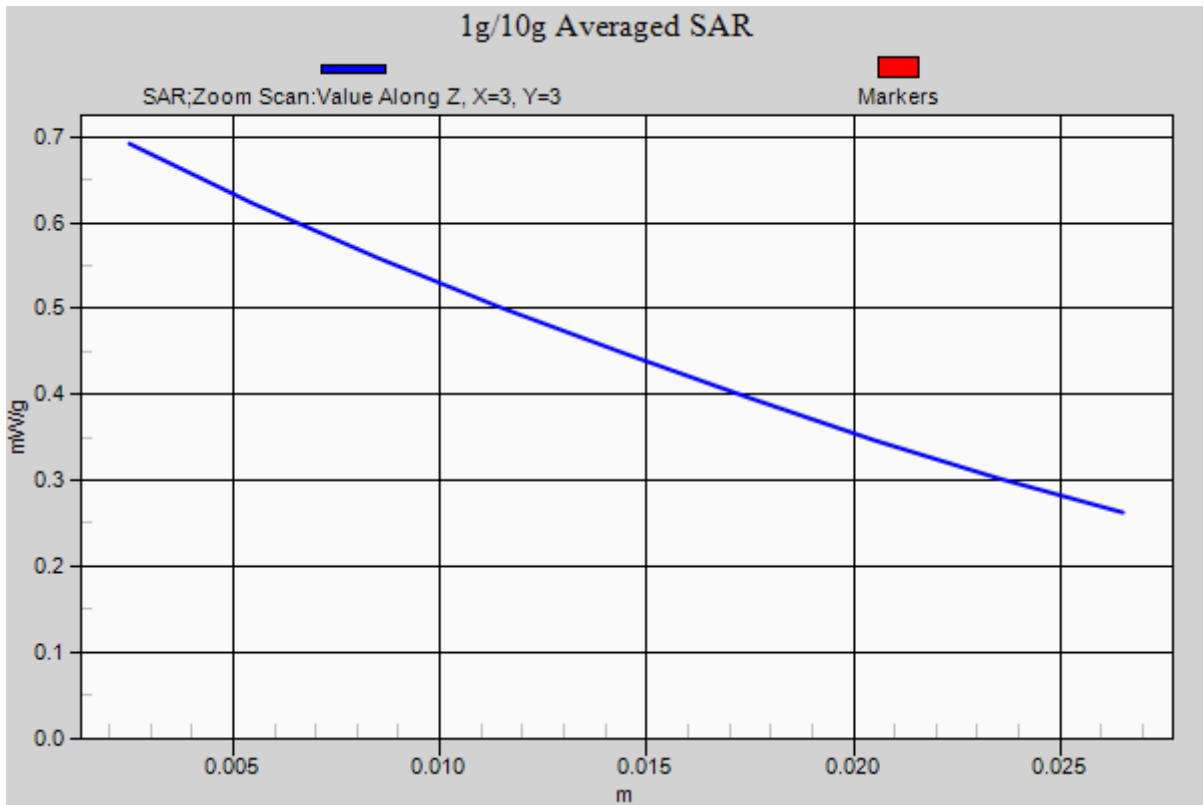
Reference Value = 10.081 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.754 mW/g

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.484 mW/g

Maximum value of SAR (measured) = 0.692 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Left Head Tilted High CH251

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.899$ mho/m; $\epsilon_r = 41.327$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM850/Left Head Tilted High CH251/Area Scan (61x101x1):

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

Maximum value of SAR (interpolated) = 0.500 mW/g

GSM850/Left Head Tilted High CH251/Zoom Scan (7x7x9)/Cube 0:

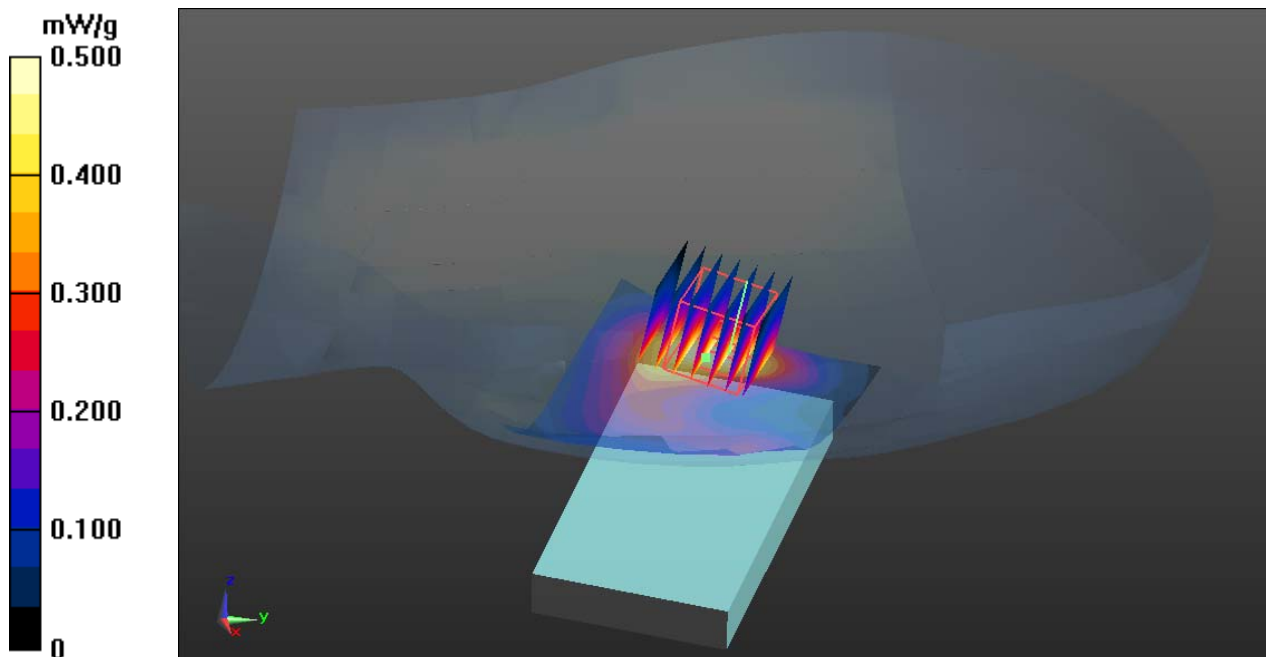
Measurement grid: dx=5mm, dy=5mm, dz=5mm

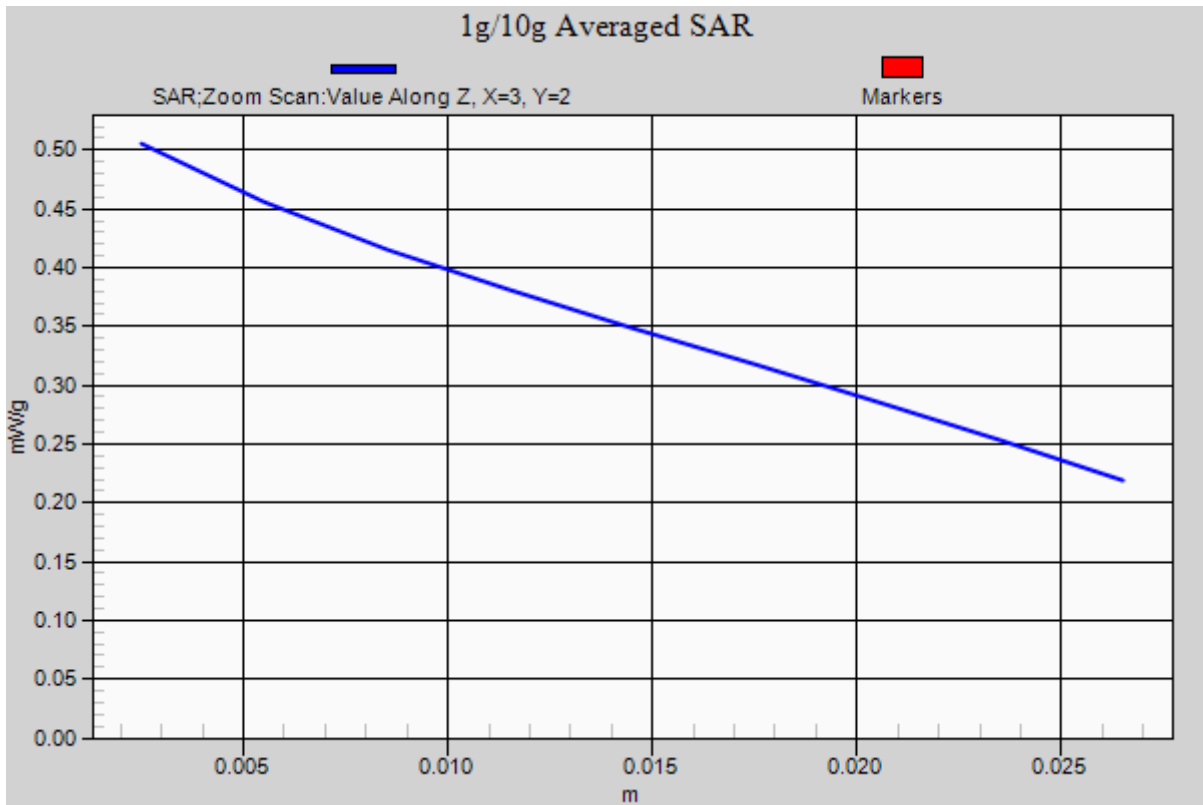
Reference Value = 16.460 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.550 mW/g

SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.378 mW/g

Maximum value of SAR (measured) = 0.505 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS-1900-Right Head Cheek Low CH512

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.398$ mho/m; $\epsilon_r = 39.87$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

PCS1900/Right Head Cheek Low CH512/Area Scan (61x101x1):

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

Maximum value of SAR (interpolated) = 0.460 mW/g

PCS1900/Right Head Cheek Low CH512/Zoom Scan (7x7x9)/Cube 0:

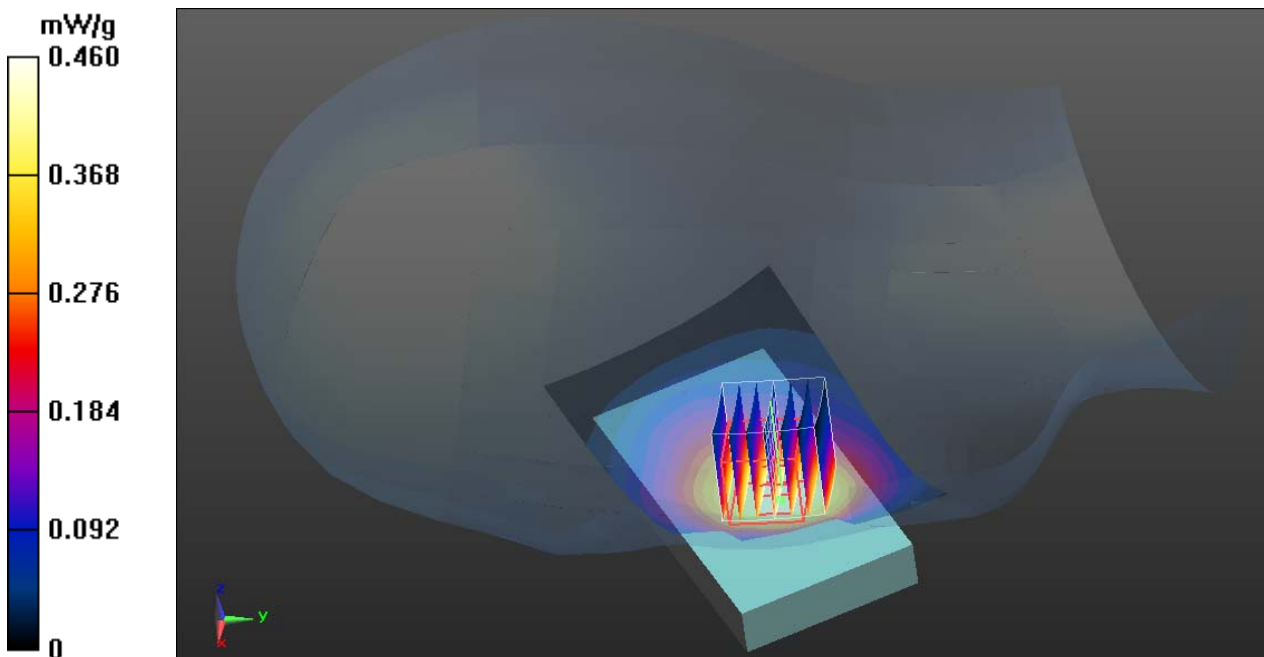
Measurement grid: dx=5mm, dy=5mm, dz=5mm

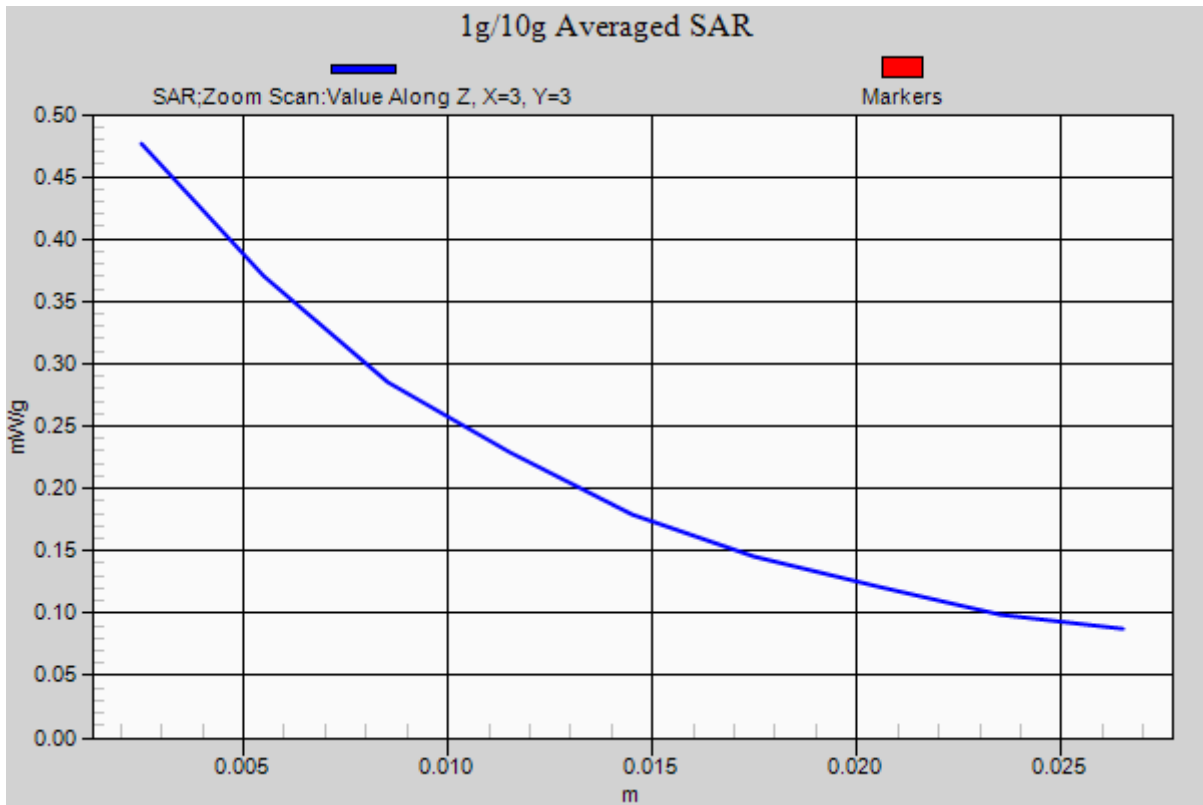
Reference Value = 5.949 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.610 mW/g

SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.240 mW/g

Maximum value of SAR (measured) = 0.476 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS-1900-Right Head Cheek Middle CH661

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.405$ mho/m; $\epsilon_r = 39.74$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

PCS1900/Right Head Cheek Middle CH661/Area Scan (61x101x1):

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

Maximum value of SAR (interpolated) = 0.474 mW/g

PCS1900/Right Head Cheek Middle CH661/Zoom Scan (7x7x9)/Cube 0:

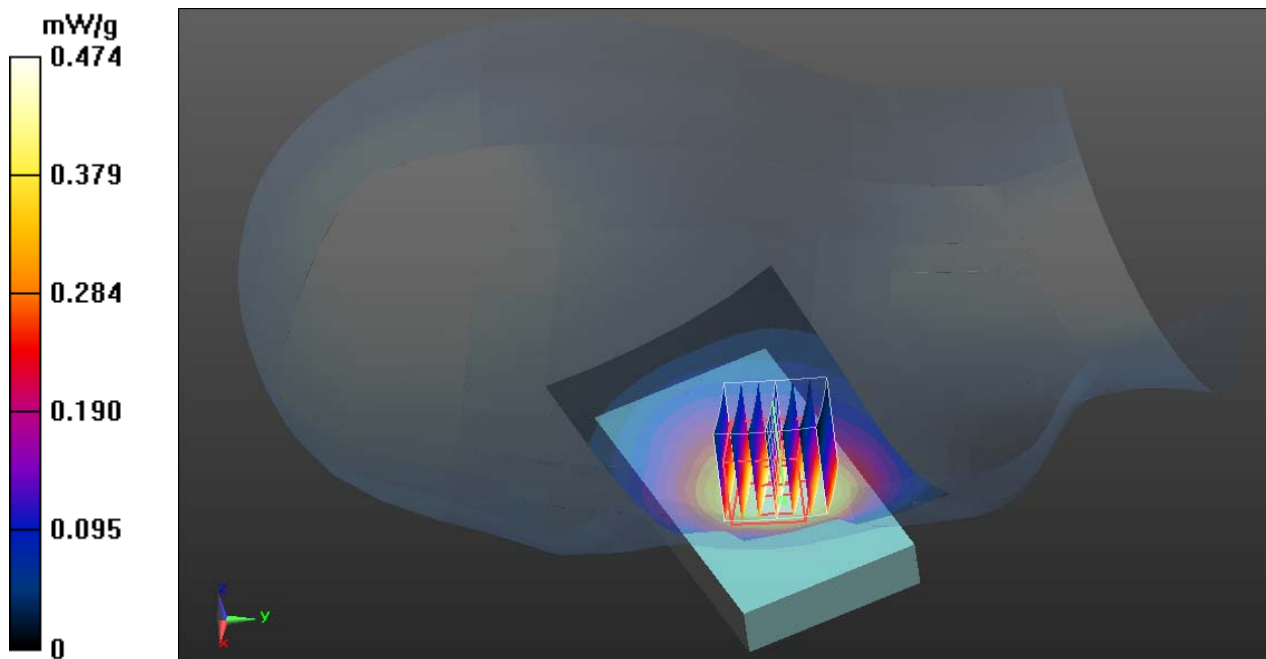
Measurement grid: dx=5mm, dy=5mm, dz=5mm

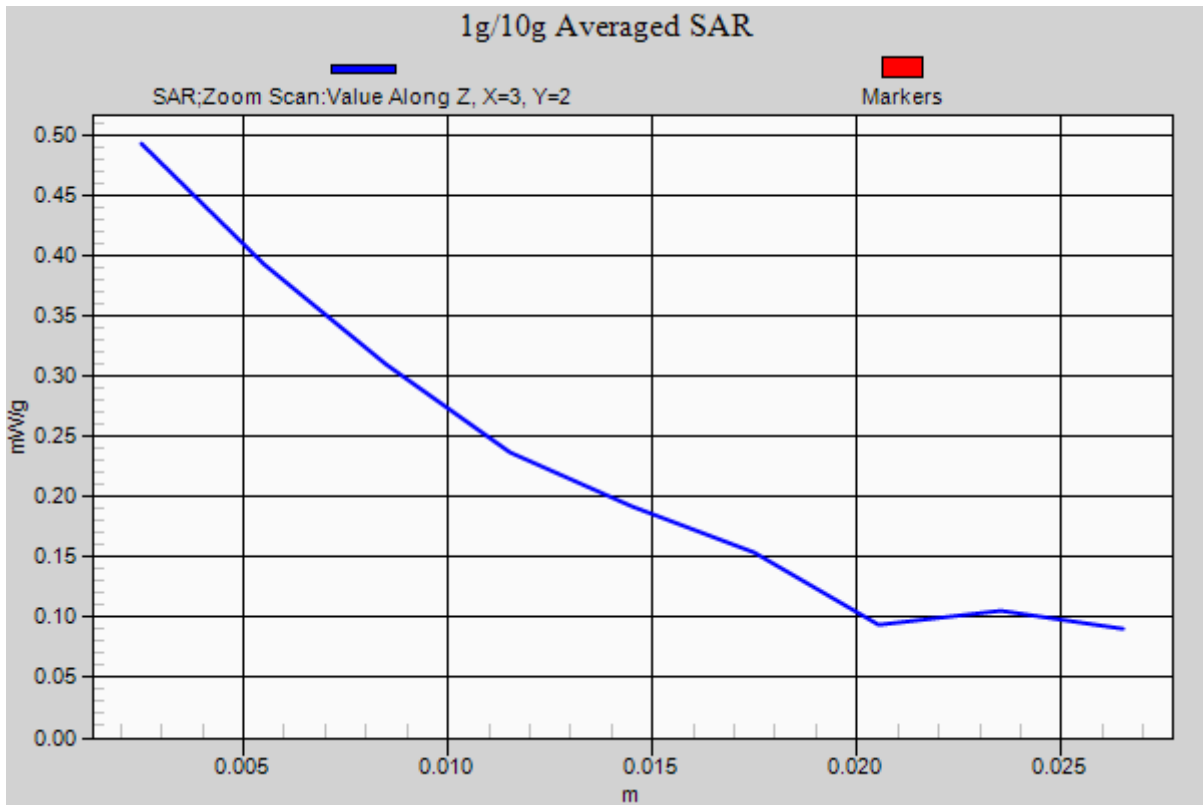
Reference Value = 7.255 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.676 mW/g

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.249 mW/g

Maximum value of SAR (measured) = 0.493 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS-1900-Right Head Cheek High CH810

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1909.8 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.411$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

PCS1900/Right Head Cheek High CH810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.557 mW/g

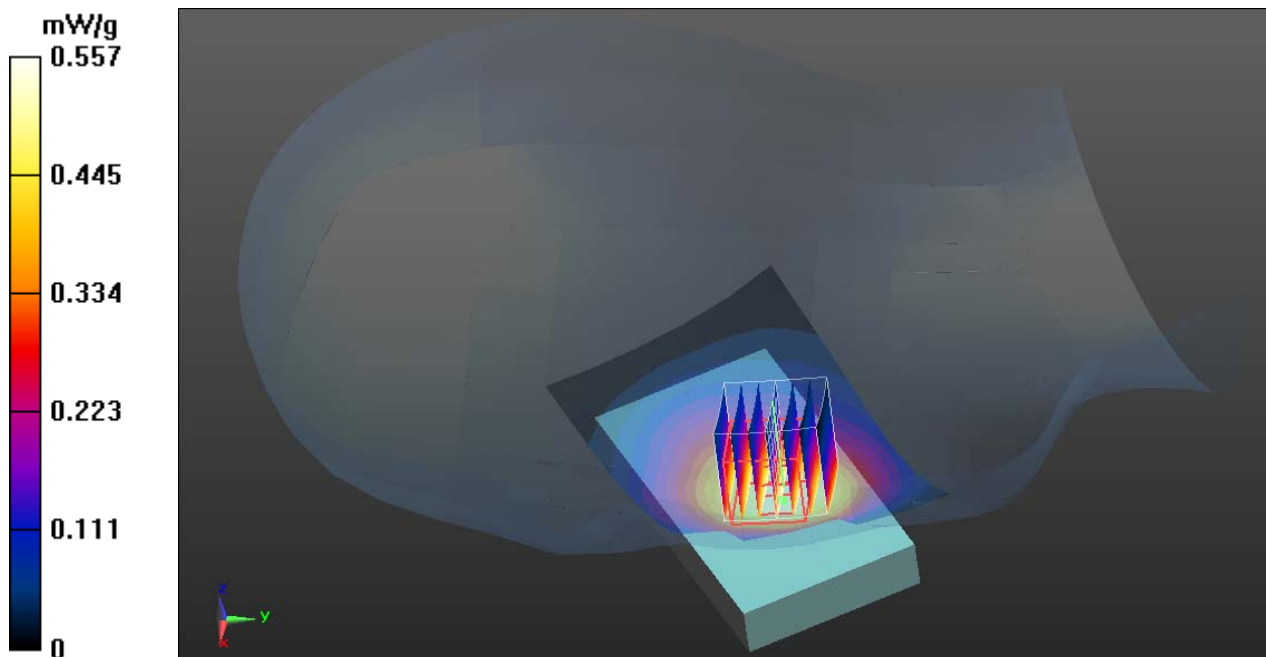
PCS1900/Right Head Cheek High CH810/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

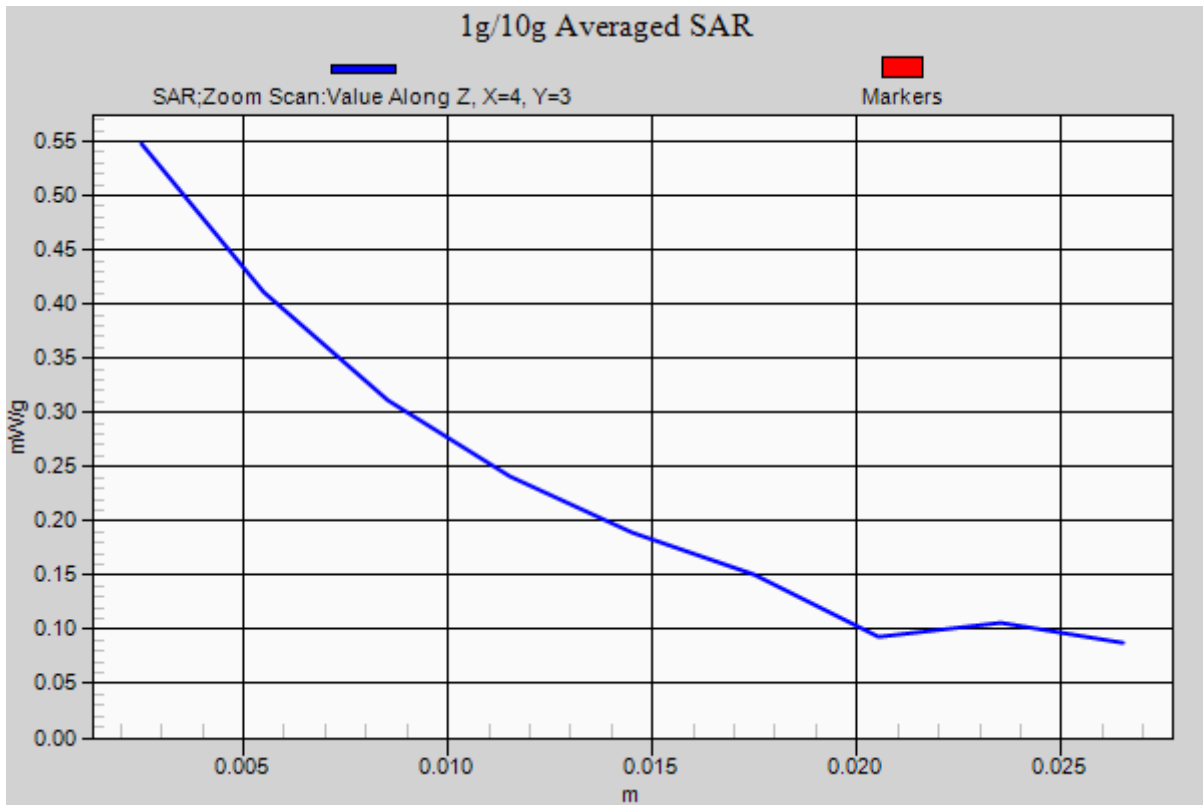
Reference Value = 6.378 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.681 mW/g

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.548 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS-1900-Right Head Tilted Low CH512

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.398$ mho/m; $\epsilon_r = 39.87$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

PCS1900/Right Head Tilted Low CH512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

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

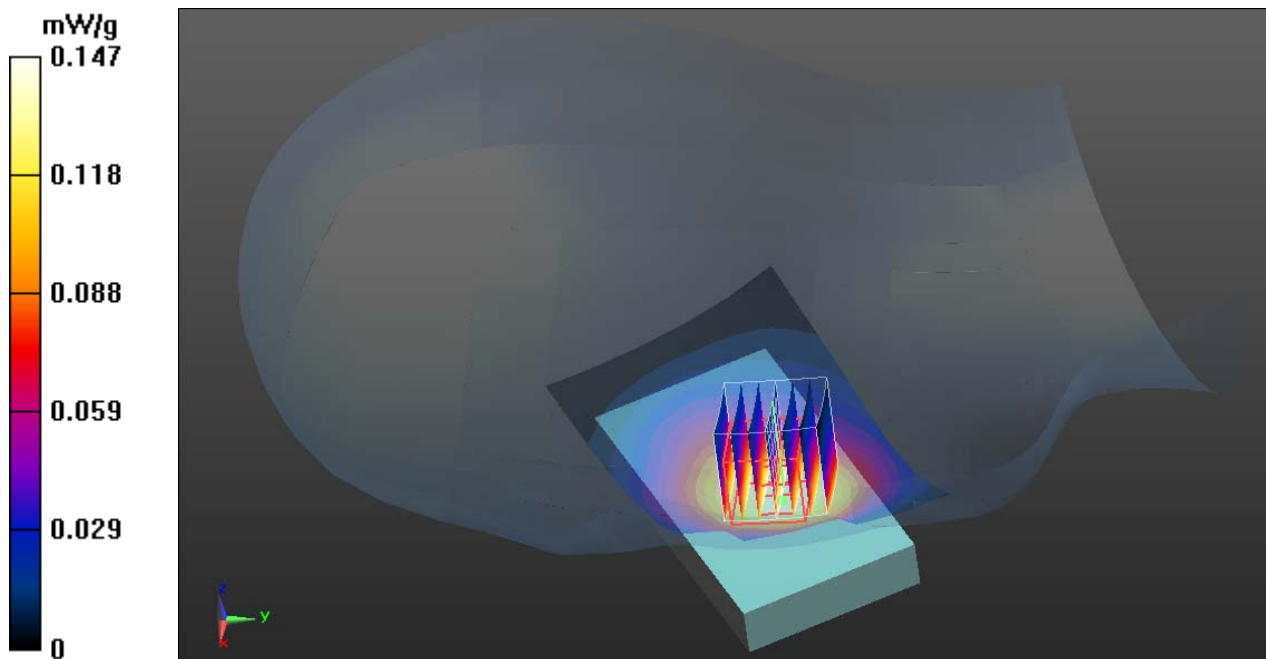
PCS1900/Right Head Tilted Low CH512/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

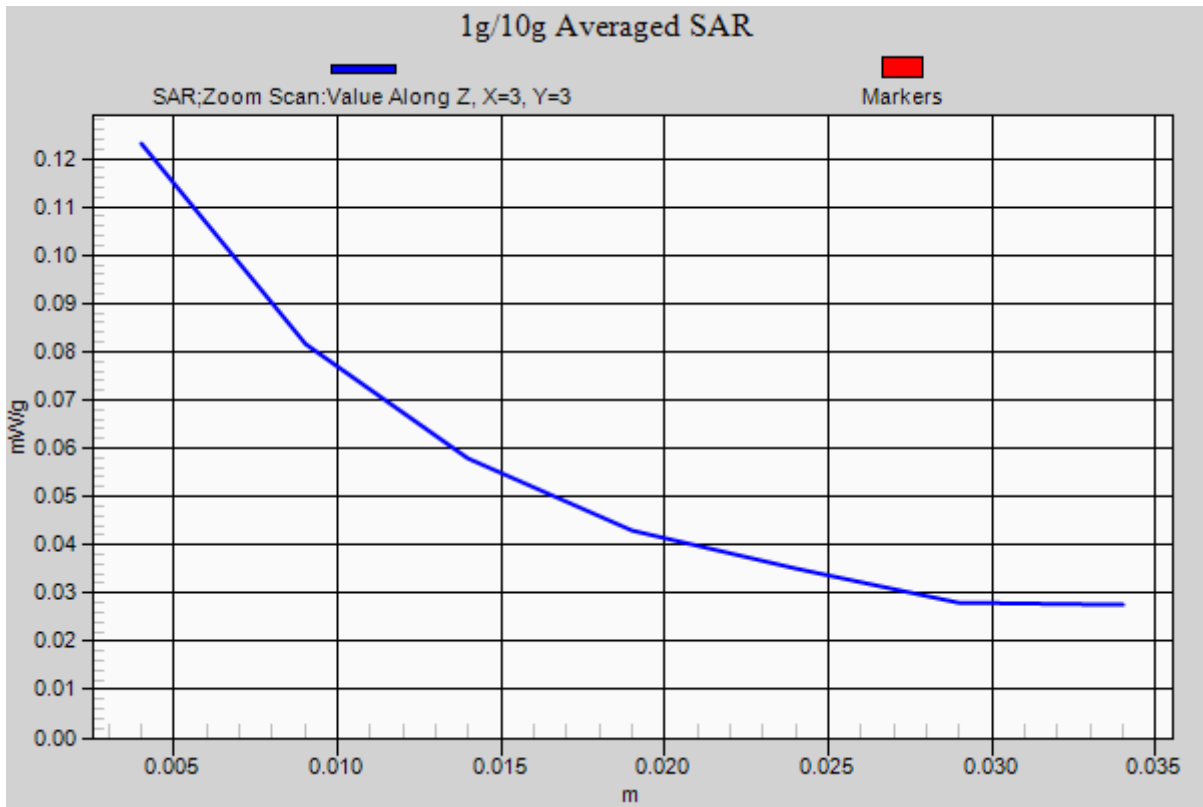
Reference Value = 8.778 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.223 mW/g

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.123 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS 1900-Left Head Cheek Low CH512

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.398$ mho/m; $\epsilon_r = 39.87$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

PCS1900/Left Head Cheek Low CH512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.647 mW/g

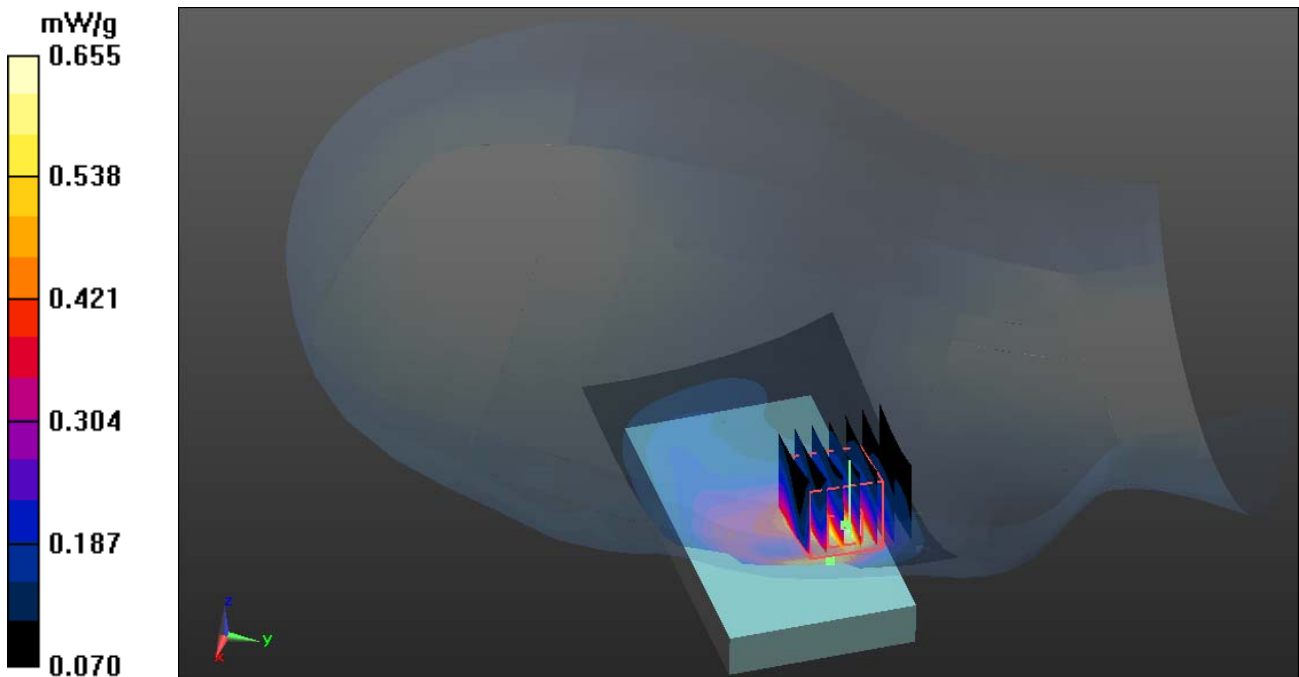
PCS1900/Left Head Cheek Low CH512/Zoom Scan (8x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

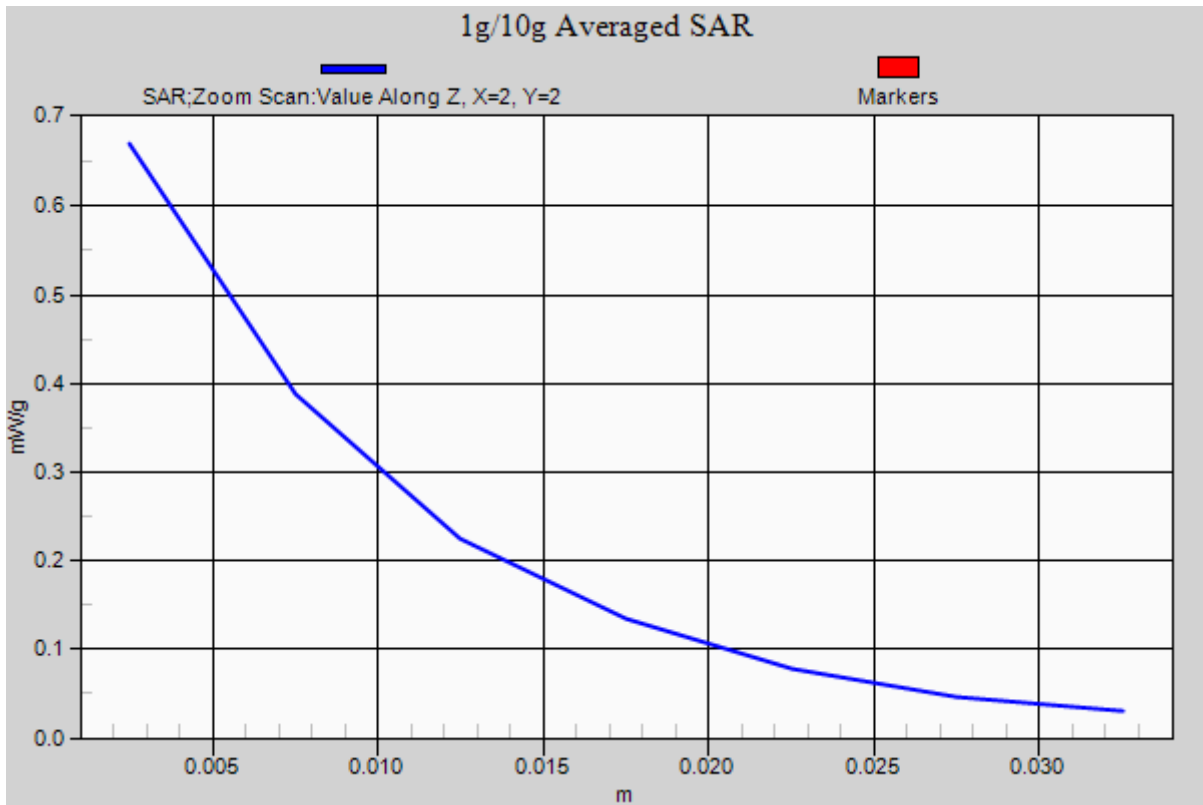
Reference Value = 23.569 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.904 mW/g

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.247 mW/g

Maximum value of SAR (measured) = 0.655 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS 1900-Left Head Tilted Low CH512

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.398$ mho/m; $\epsilon_r = 39.87$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

PCS1900/Left Head Tilted Low CH512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.625 mW/g

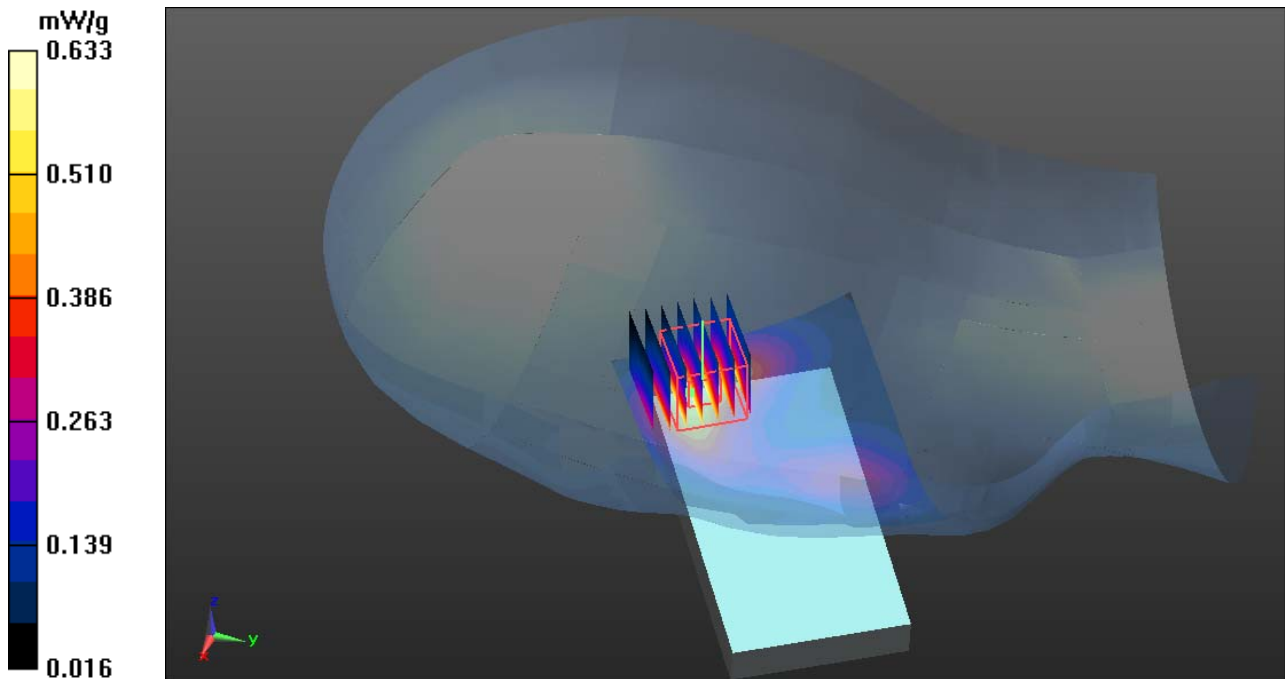
PCS1900/Left Head Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

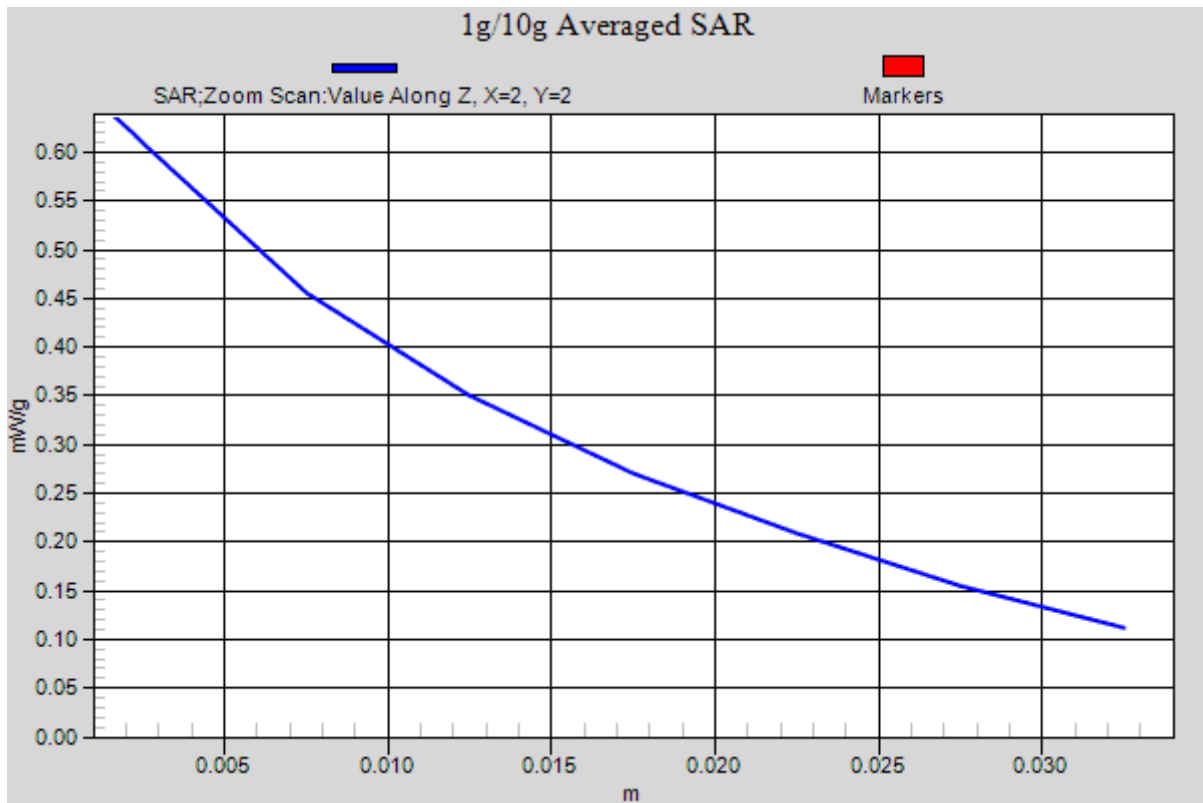
Reference Value = 30.554 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.973 mW/g

SAR(1 g) = 0.398mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 0.633 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Body Up High CH251

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.752$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM 850/GSM850 Body Up High CH251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.524 mW/g

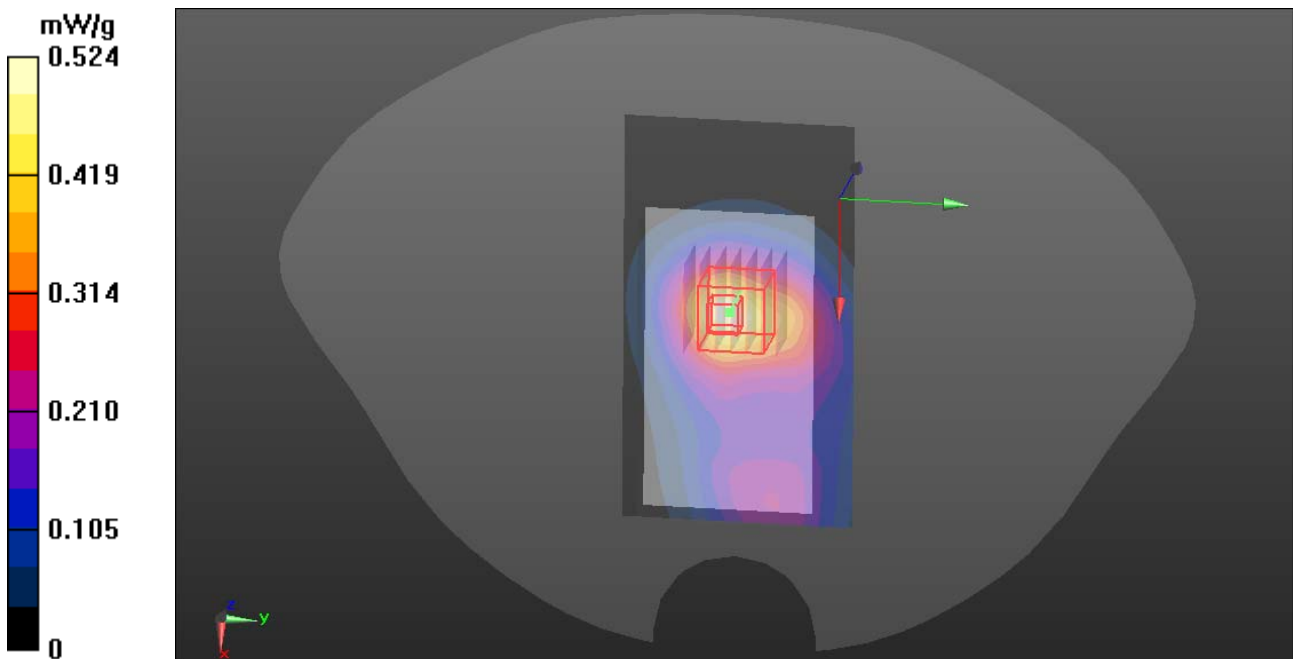
GSM 850/GSM850 Body Up High CH251/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

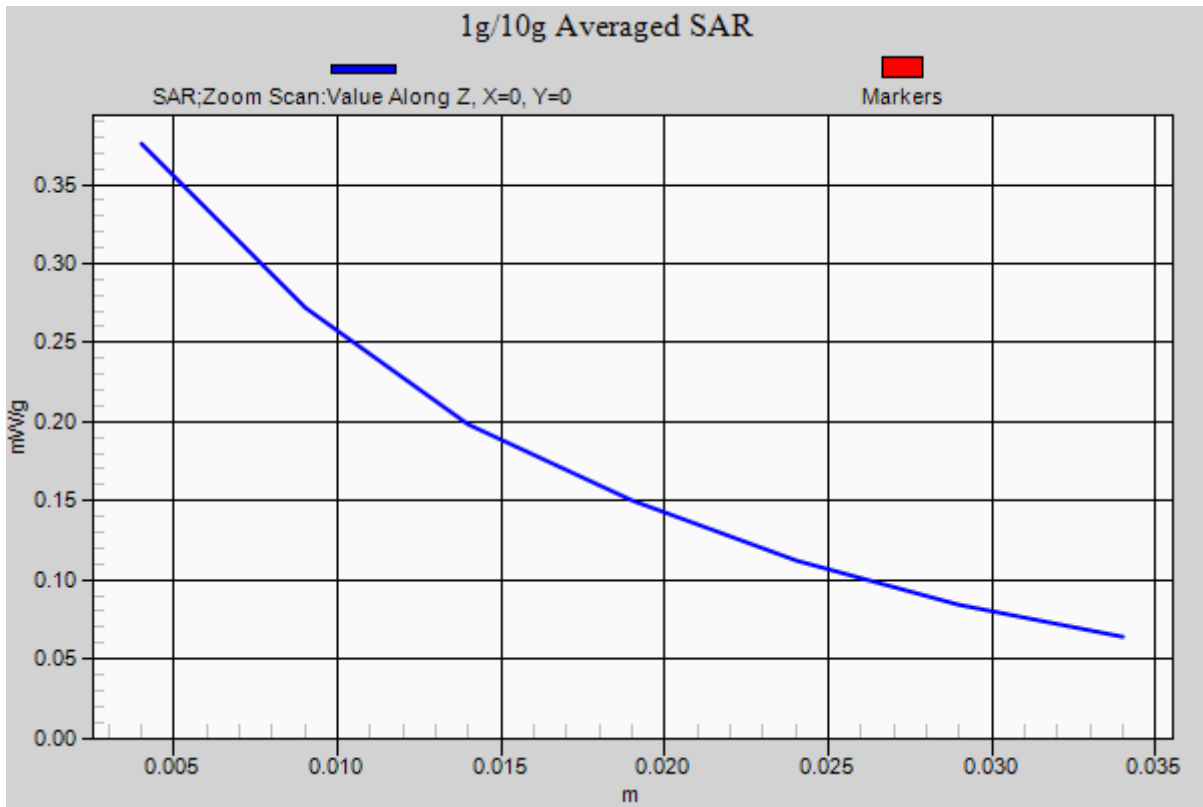
Reference Value = 23.107 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.584 mW/g

SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.356 mW/g

Maximum value of SAR (measured) = 0.483 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Body Down Low CH128

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 824.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 55.959$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM 850/GSM850 Body Down Low CH128/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.663 mW/g

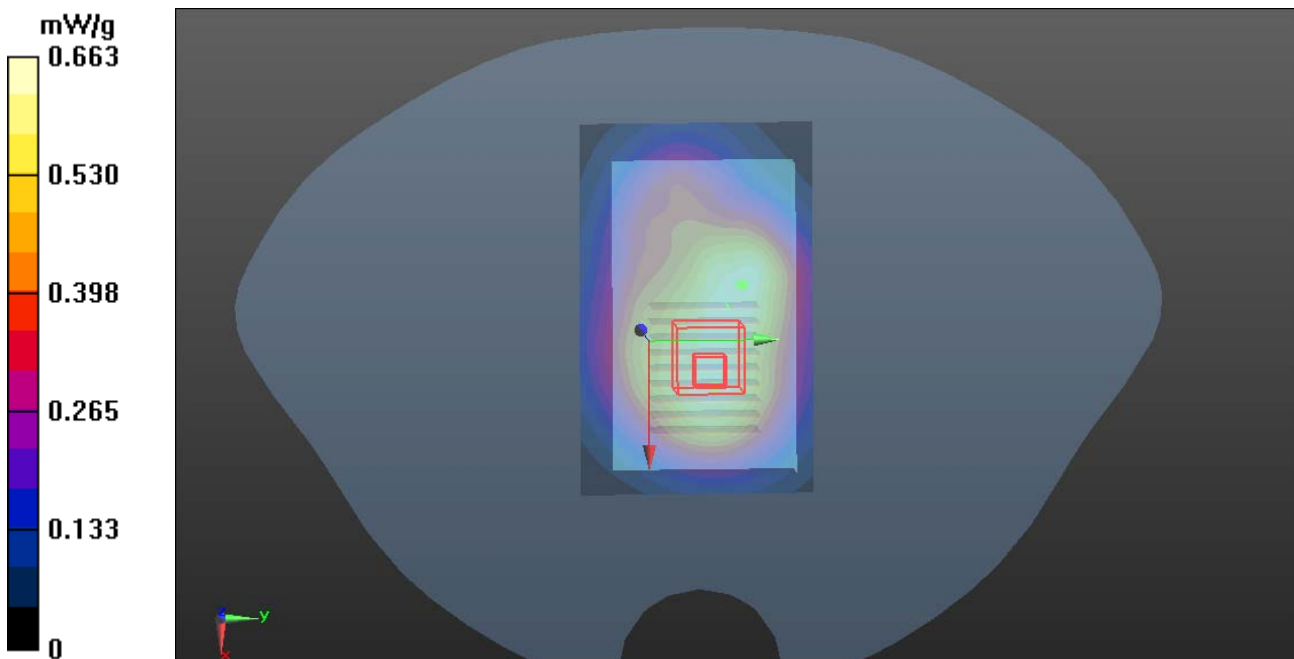
GSM 850/GSM850 Body Down Low CH128/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

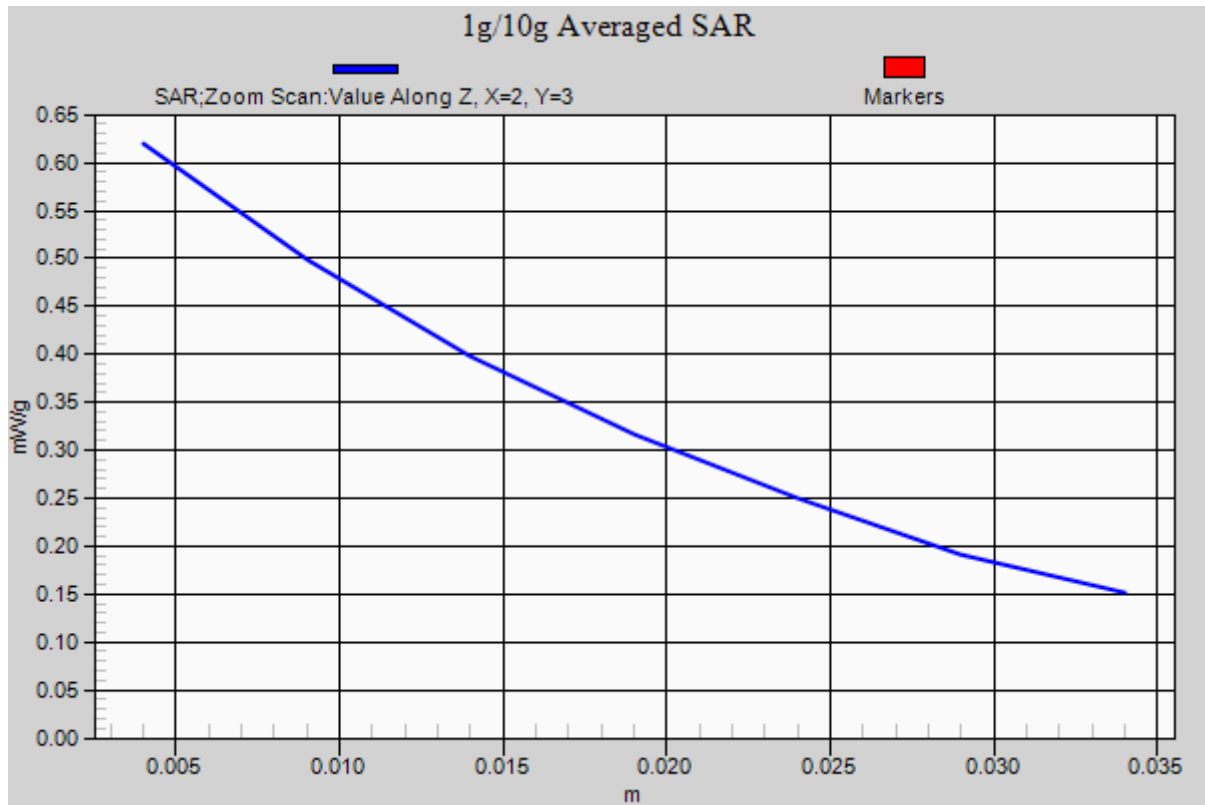
Reference Value = 25.288 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.729 mW/g

SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.463 mW/g

Maximum value of SAR (measured) = 0.619 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Body Down Middle CH190

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 836.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.96$ mho/m; $\epsilon_r = 55.858$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM 850/GSM850 Body Down Middle CH190/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.789 mW/g

GSM 850/GSM850 Body Down Middle CH190/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

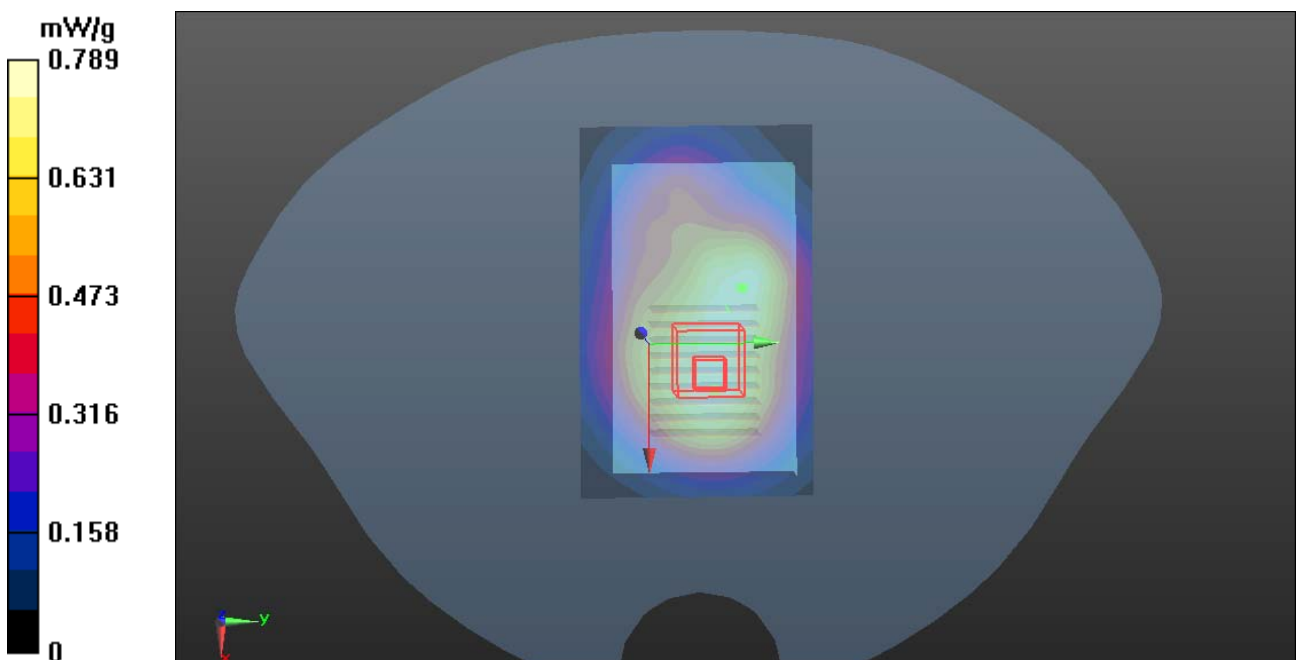
dx=5mm, dy=5mm, dz=5mm

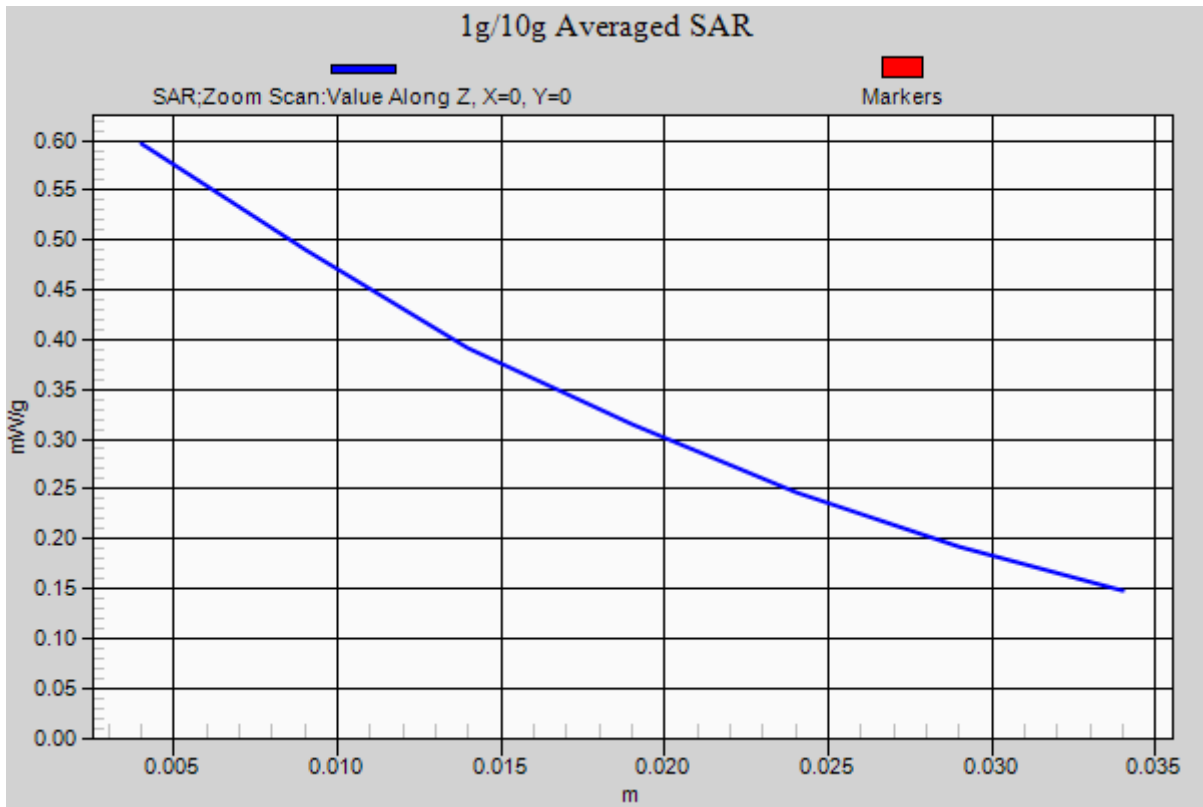
Reference Value = 27.298 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.877 mW/g

SAR(1 g) = 0.675 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 0.736 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GSM 850-Body Down High CH251

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 848.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.752$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM 850/GSM850 Body Down High CH251/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.895 mW/g

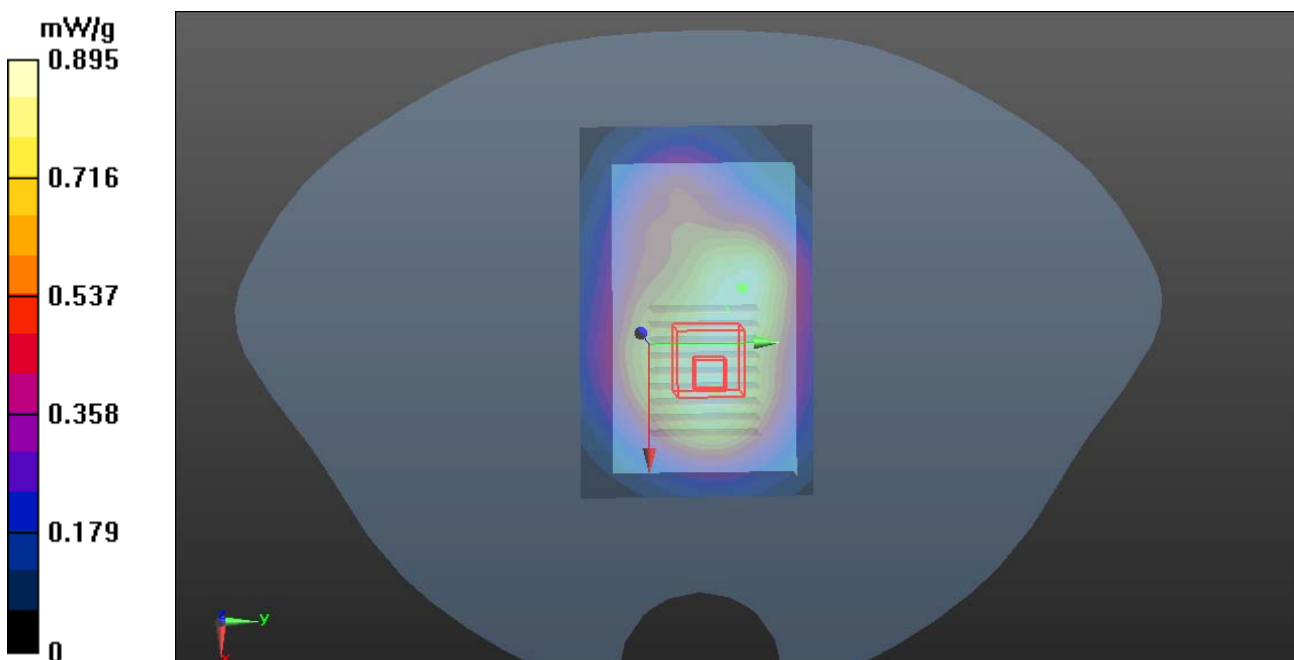
GSM 850/GSM850 Body Down High CH251/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

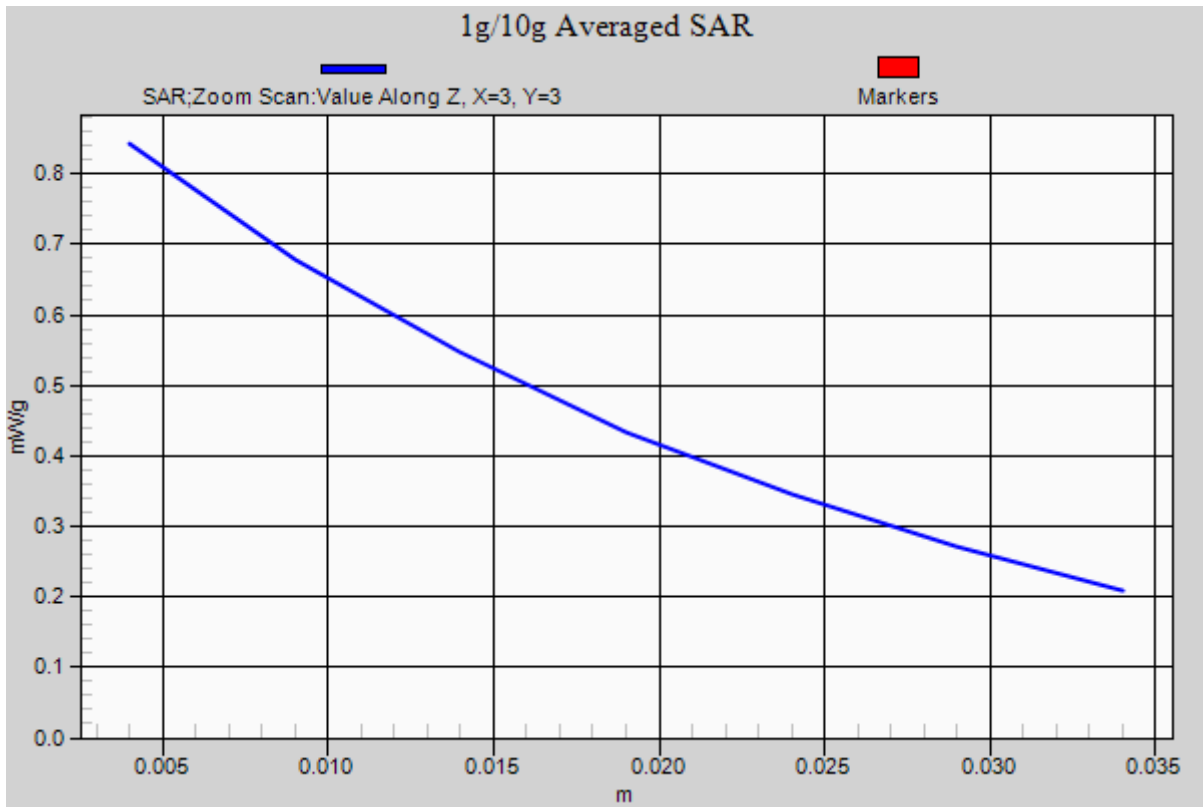
Reference Value = 29.587 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.990 mW/g

SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.842 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GPRS 850- Body Up Middle CH190

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 836.6 MHz; Communication System PAR: 6.02 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.572$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

GPRS 850/GPRS850 Body Up Middle CH190/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.527 mW/g

GPRS 850/GPRS850 Body Up Middle CH190/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

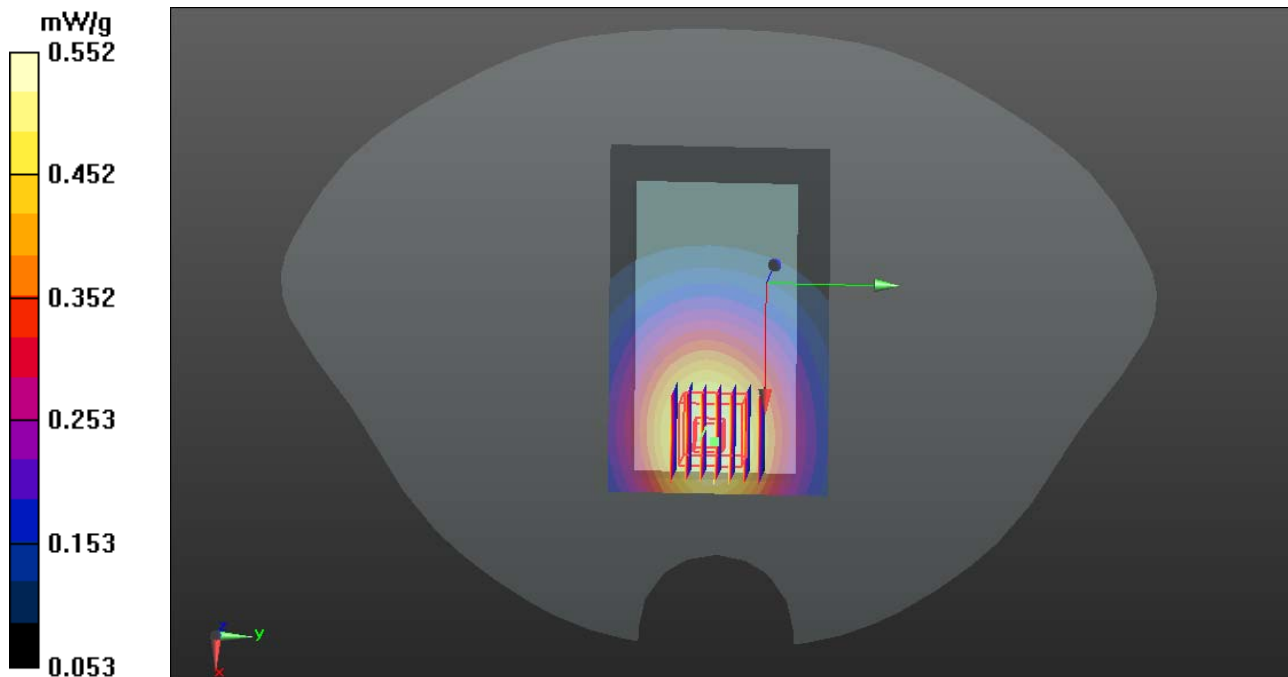
dx=5mm, dy=5mm, dz=5mm

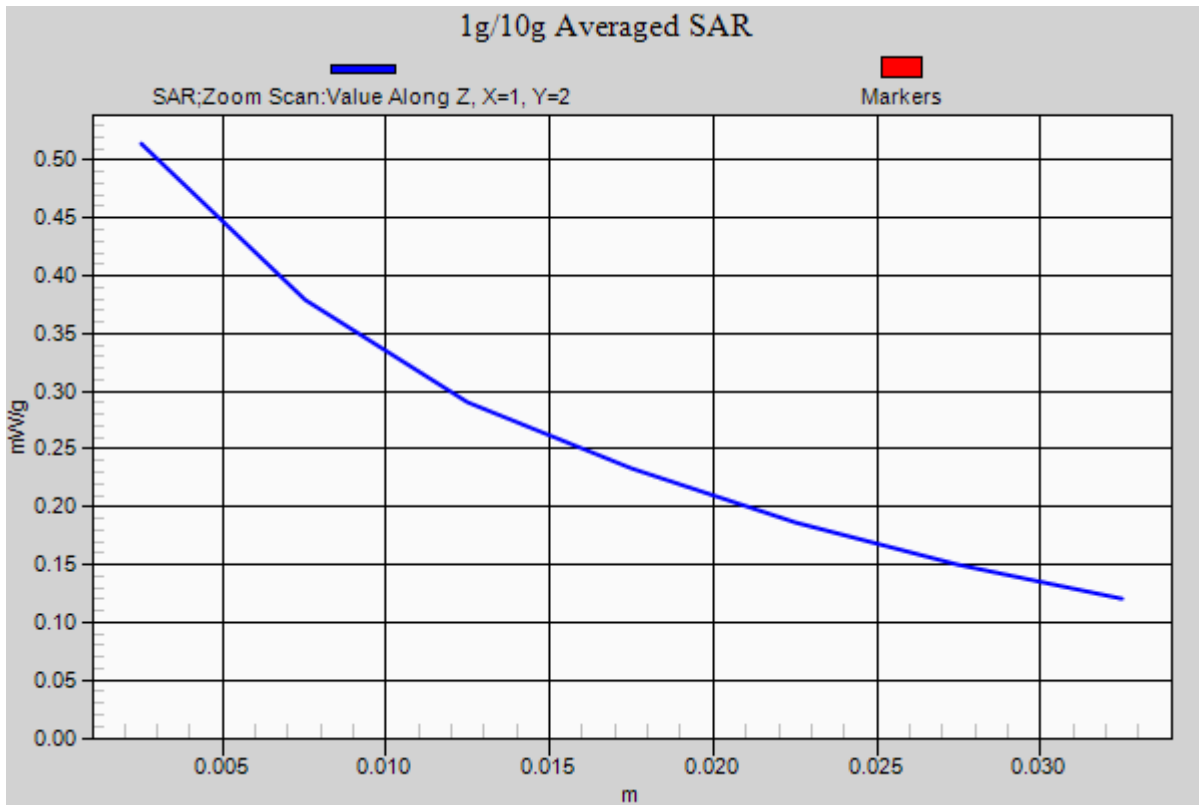
Reference Value = 18.903 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.230 mW/g

Maximum value of SAR (measured) = 0.552 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GPRS 850- Body Down Middle CH190

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

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

Frequency: 836.6 MHz; Communication System PAR: 6.02 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 55.572$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

GPRS 850/GPRS850 Body Down Middle CH190/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.808 mW/g

GPRS 850/GPRS850 Body Down Middle CH190/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

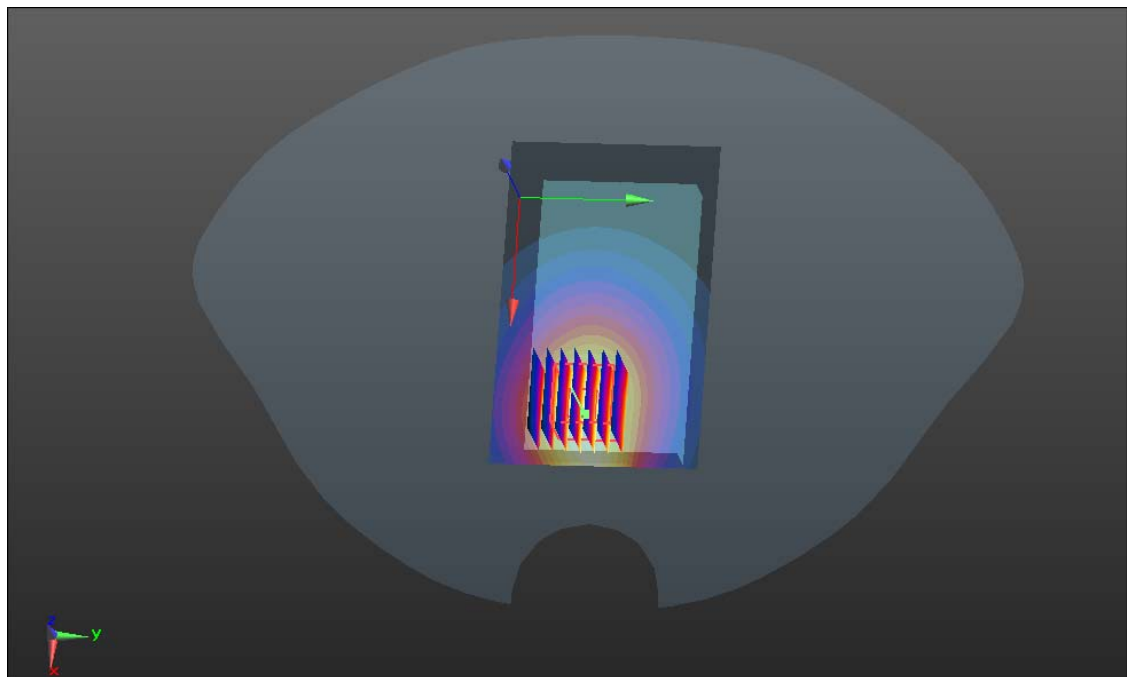
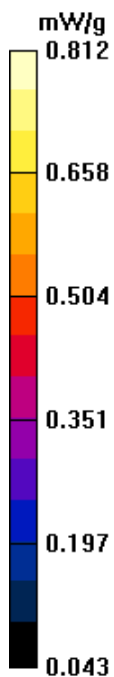
dx=5mm, dy=5mm, dz=5mm

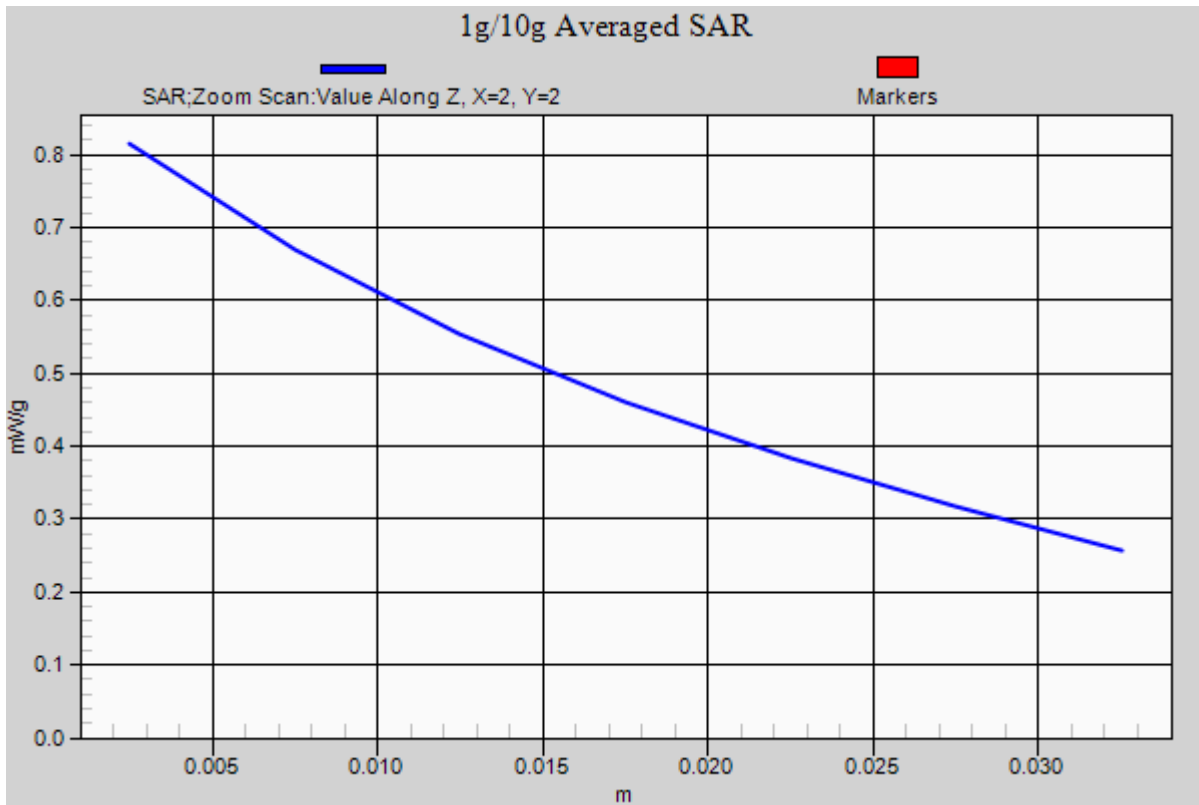
Reference Value = 28.993 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.084 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.812 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS1900-Body Up Low CH512

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM1900/GSM1900 Body Up Low CH512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.668 mW/g

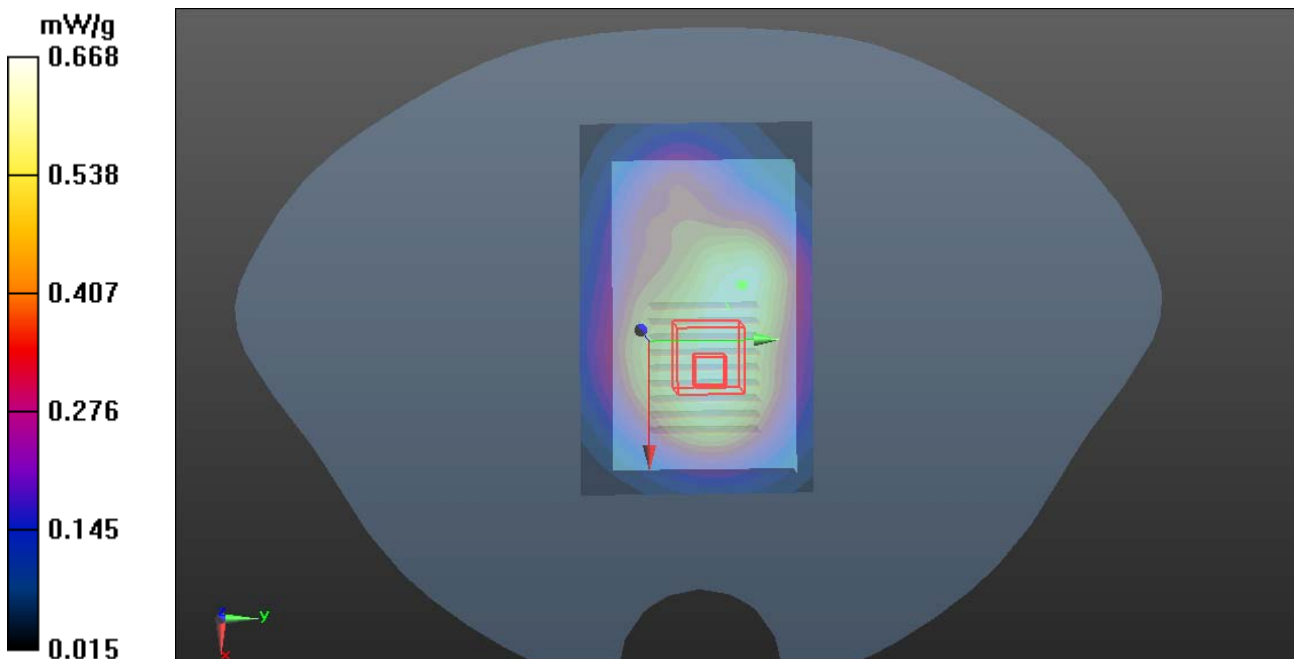
GSM1900/GSM1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

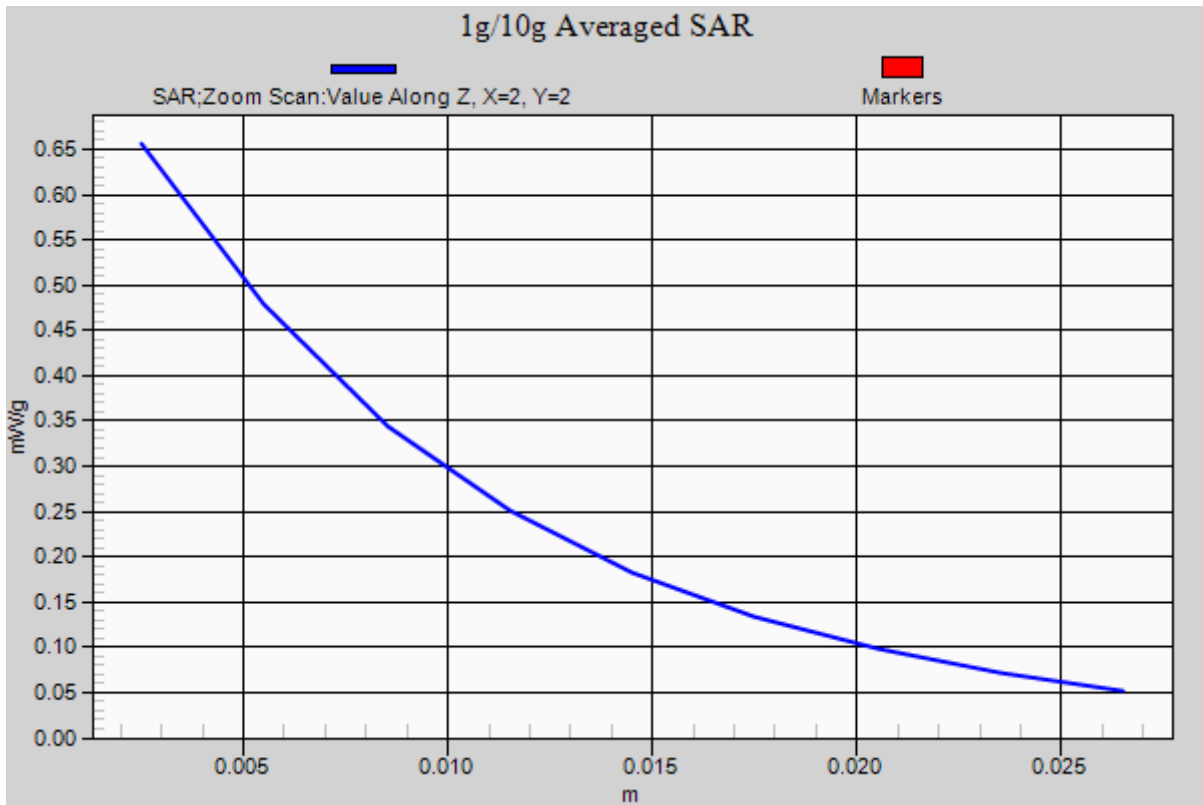
Reference Value = 17.298 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.839 mW/g

SAR(1 g) = 0.520 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.656 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS1900-Body Down Low CH512

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.53$ mho/m; $\epsilon_r = 51.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM1900/GSM1900 Body Down Low CH512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.867 mW/g

GSM1900/GSM1900 Body Down Low CH512/Zoom Scan (8x8x9)/Cube 0: Measurement grid:

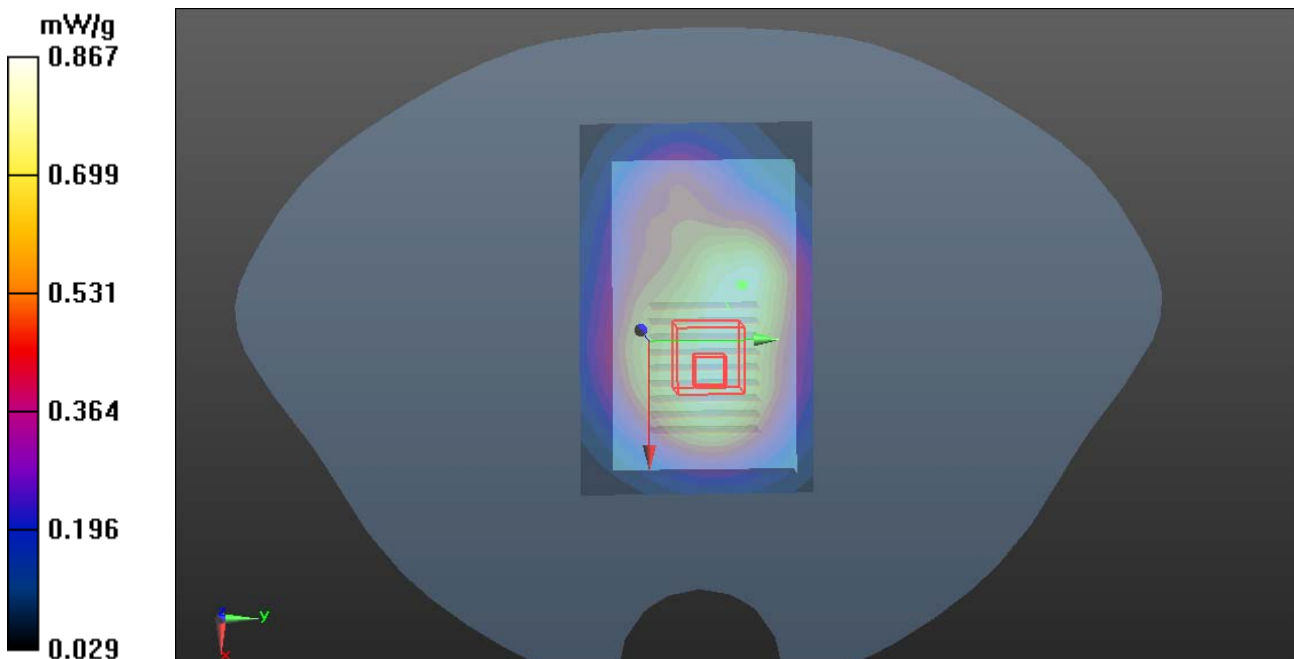
dx=5mm, dy=5mm, dz=5mm

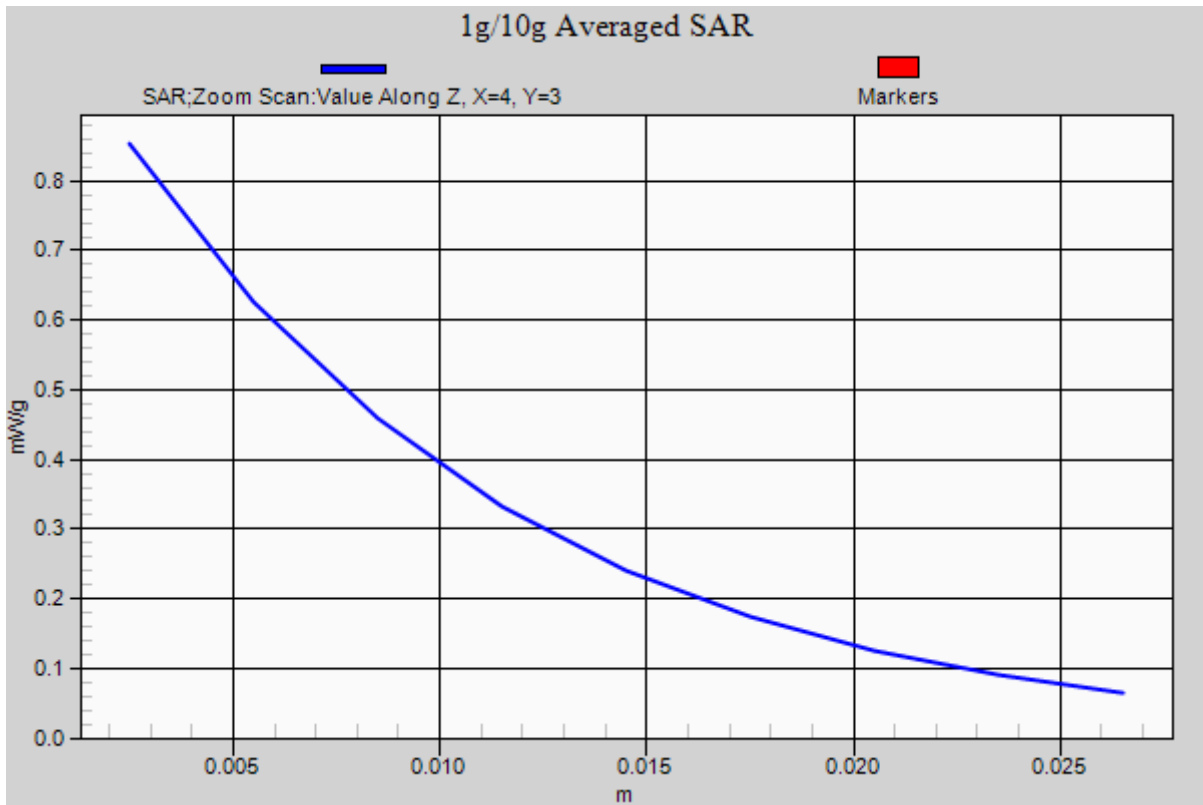
Reference Value = 22.617 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.090 mW/g

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.423 mW/g

Maximum value of SAR (measured) = 0.853 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS1900-Body Down Middle CH661

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1880 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.534$ mho/m; $\epsilon_r = 51.14$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM1900/GSM1900 Body Down Middle CH661/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.830 mW/g

GSM1900/GSM1900 Body Down Middle CH661/Zoom Scan (8x9x9)/Cube 0: Measurement grid:

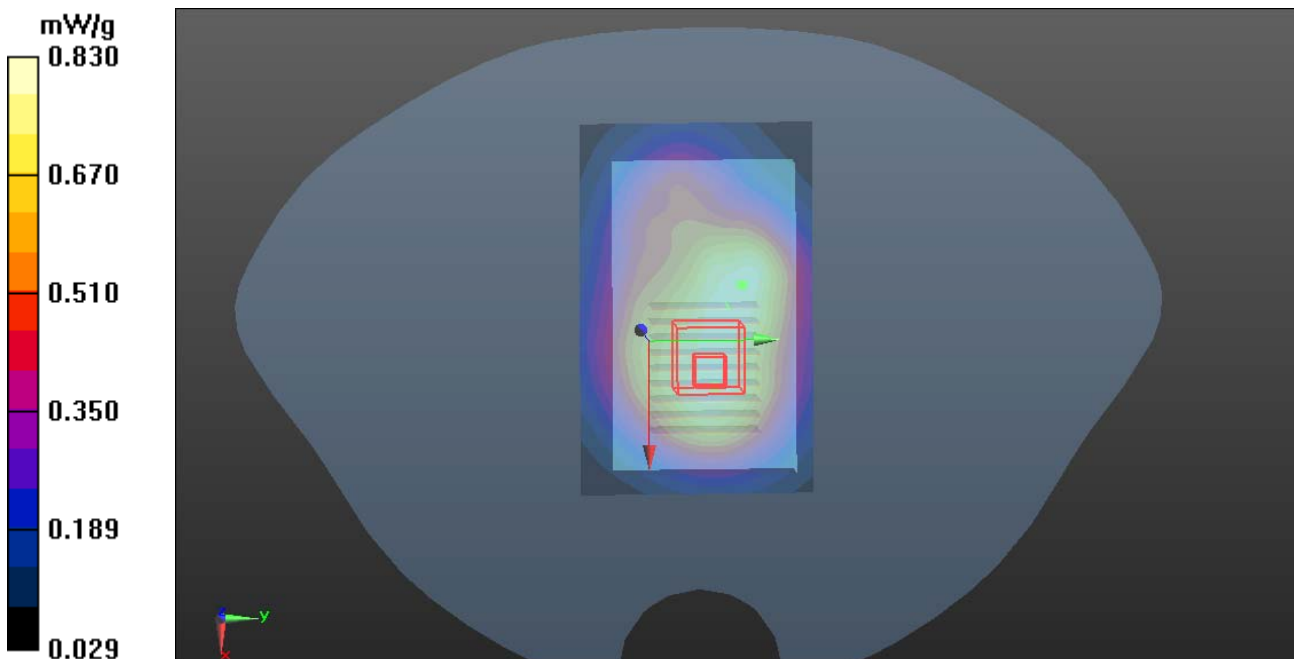
dx=5mm, dy=5mm, dz=5mm

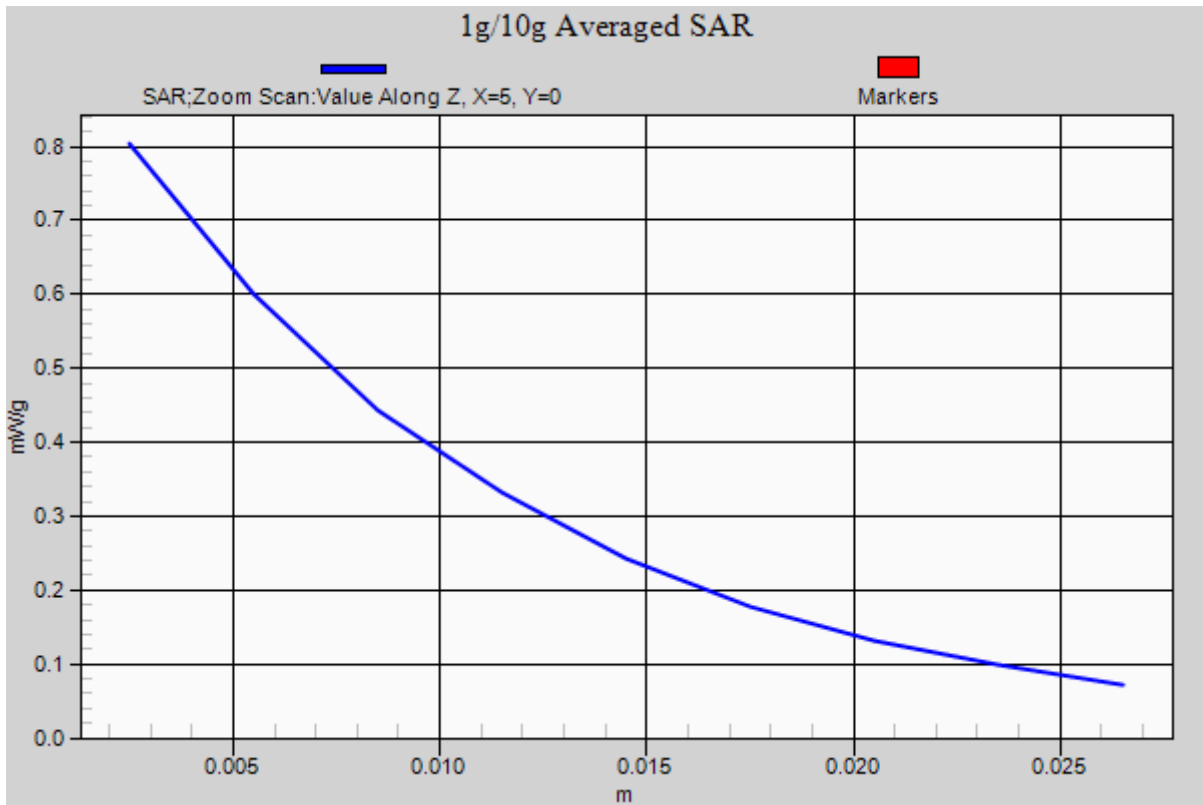
Reference Value = 22.907 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.020 mW/g

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.804 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

PCS1900-Body Down High CH810

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz);

Frequency: 1909.8 MHz; Communication System PAR: 9.03 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2012;
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GSM1900/GSM1900 Body Down High CH810/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.851 mW/g

GSM1900/GSM1900 Body Down High CH810/Zoom Scan (9x9x9)/Cube 0: Measurement grid:

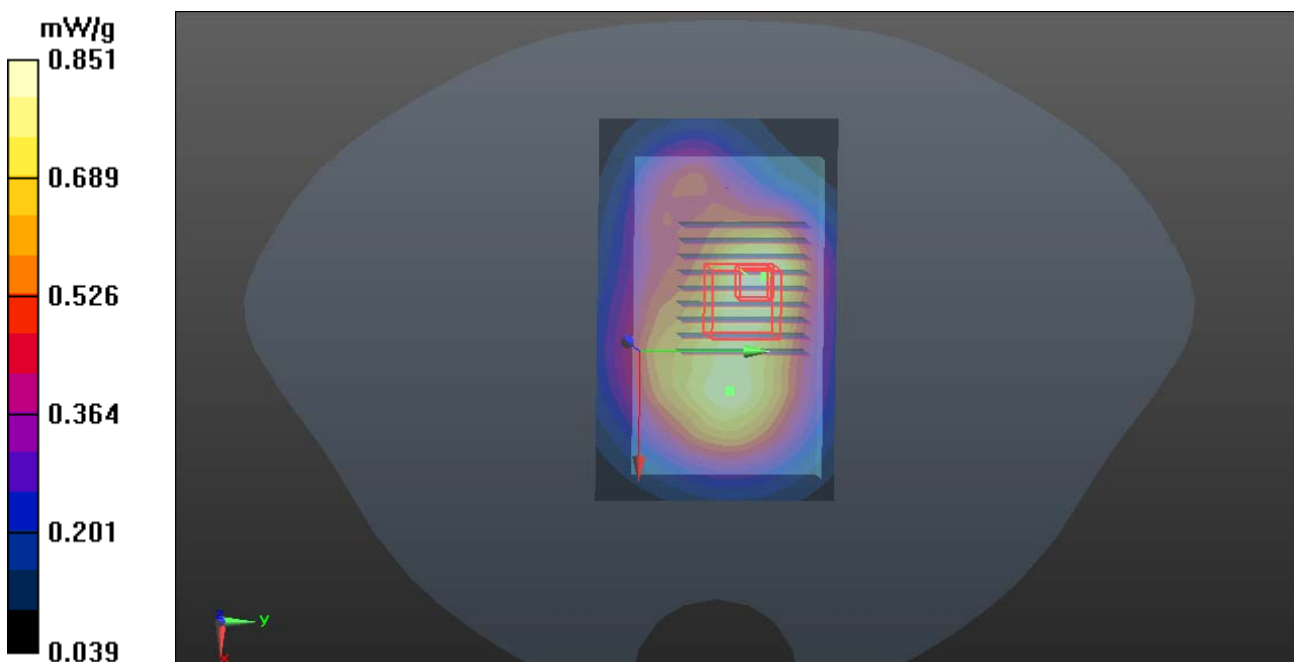
dx=5mm, dy=5mm, dz=5mm

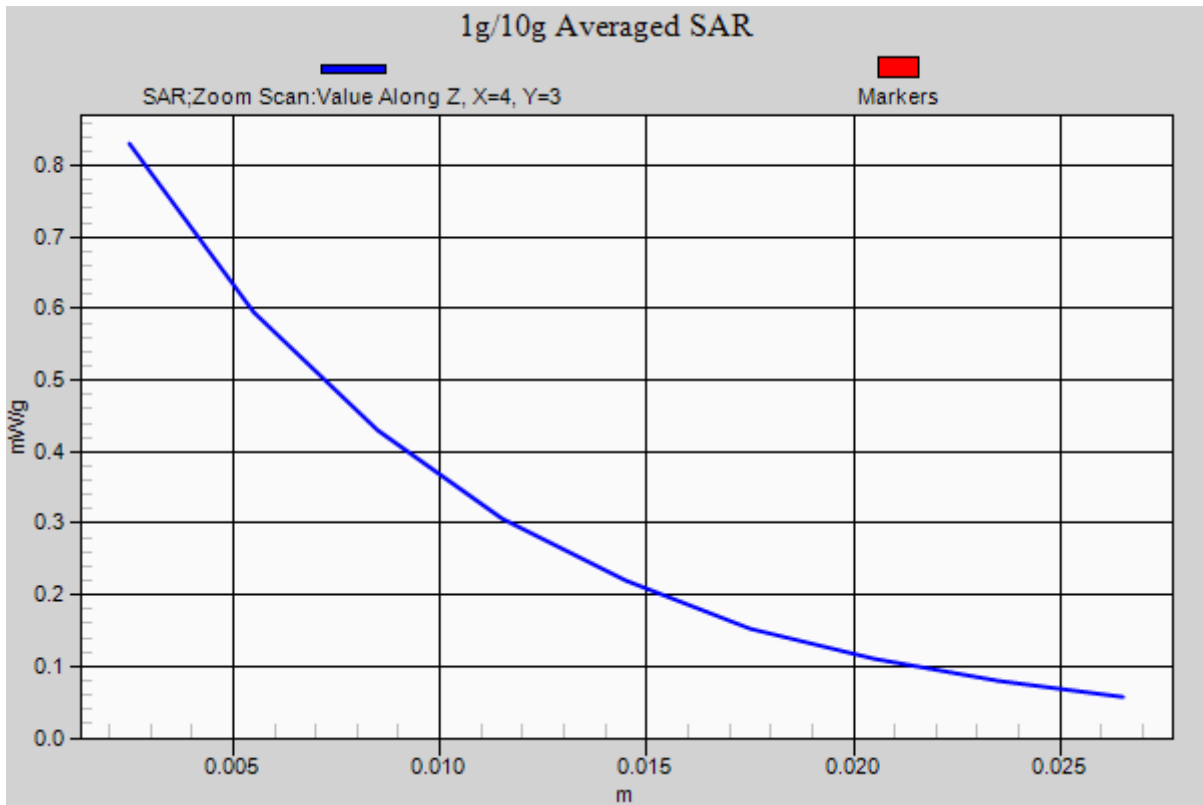
Reference Value = 22.482 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.107 mW/g

SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.395 mW/g

Maximum value of SAR (measured) = 0.830 mW/g







est Laboratory: Compliance Certification Services Inc.

July 11, 2012

GPRS1900- Body Up Middle CH661

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910MHz; Communication System PAR: 6.02 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1880\text{MHz}$; $\sigma = 1.52\text{mho/m}$; $\epsilon_r = 53.258$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASy52 52.8.0(692); SEMCAD X 14.6.5(6469)

GPRS1900/GPRS1900 Body Up Middle CH661/Area Scan (51x81x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.290 mW/g

GPRS1900/GPRS1900 Body Up Middle CH661/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

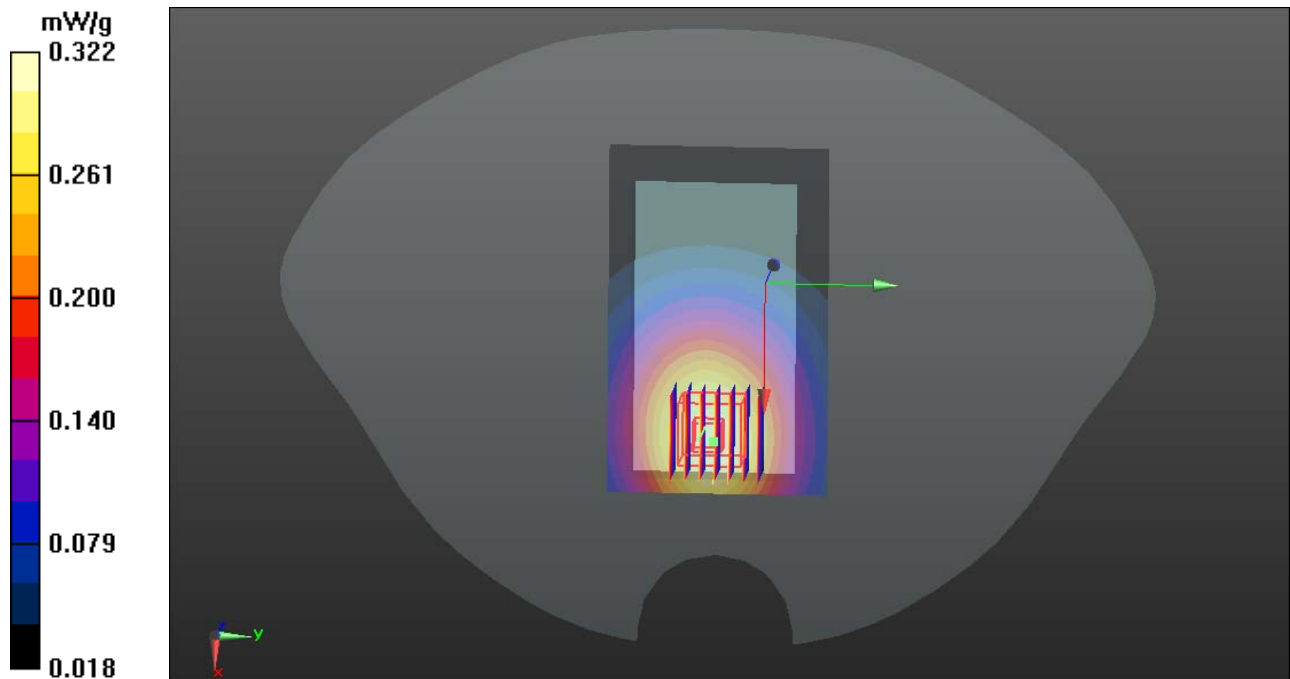
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

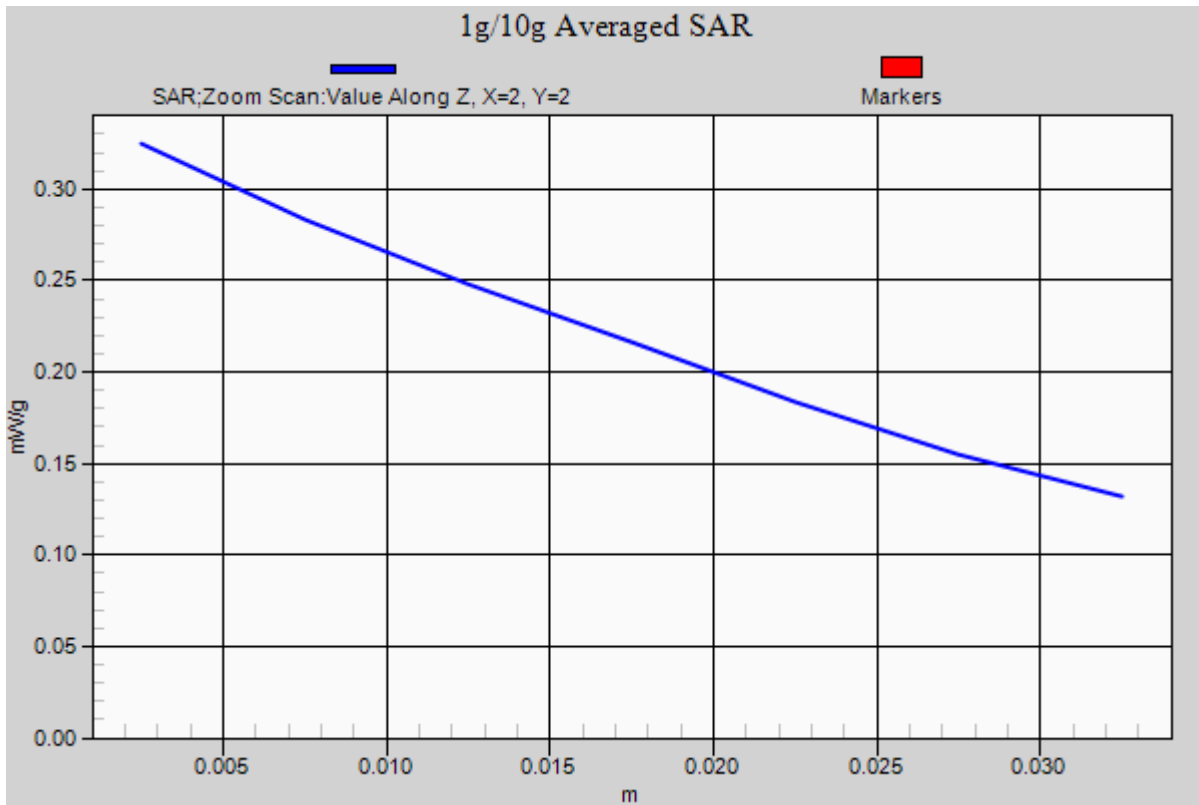
Reference Value = 10.728 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.145 mW/g

Maximum value of SAR (measured) = 0.322 mW/g







Test Laboratory: Compliance Certification Services Inc.

July 11, 2012

GPRS1900- Body Down Middle CH661

DUT: Mobile Phone; Type: Stubby II; Serial: 352273017386340

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910MHz; Communication System PAR: 6.02 dB

Ambient: Temperature: 21 °C Relative humidity: 58% Liquid : Temperature: 20 °C

Medium parameters used: $f = 1880\text{MHz}$; $\sigma = 1.52\text{mho/m}$; $\epsilon_r = 53.258$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASYS 52.8.0(692); SEMCAD X 14.6.5(6469)

GPRS1900/GPRS1900 Body Down Middle CH661/Area Scan (51x81x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.461 mW/g

GPRS1900/GPRS1900 Body Down Middle CH661/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.020 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.838 W/kg

SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 0.468 mW/g

