Appendix C: Plots of SAR Test Result

The plots are showing as followings.

Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Right Head Cheek Low CH128

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.89 mho/m; ε_r = 41.628; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

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

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

Maximum value of SAR (measured) = 0.964 mW/g

GSM850/Right Head Cheek Low CH128/Zoom Scan (7x7x9)/Cube 0:

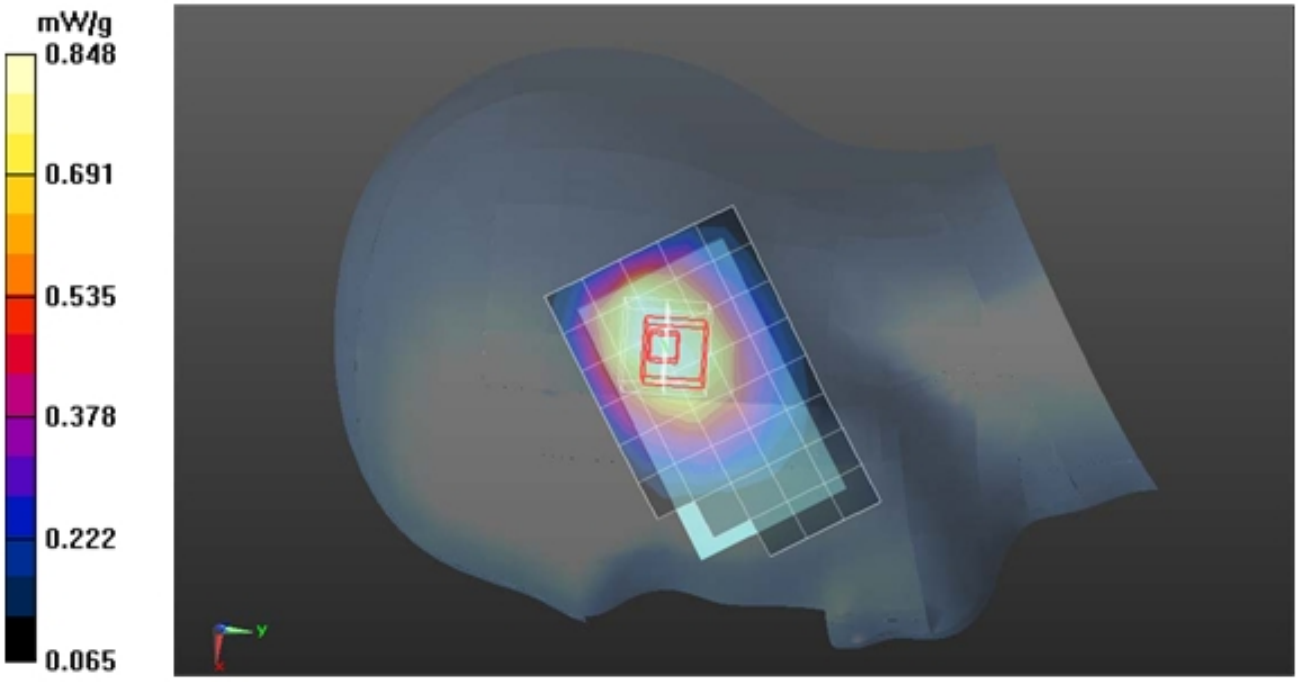
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.858 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.170 W/kg

SAR(1 g) = 0.711 mW/g; SAR(10 g) = 0.479 mW/g

Maximum value of SAR (measured) = 0.848 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Right Head Cheek Middle CH190

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.89 mho/m; ε_r = 41.478; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

GSM850/Right Head Cheek Middle CH190/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.116 mW/g

GSM850/Right Head Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:

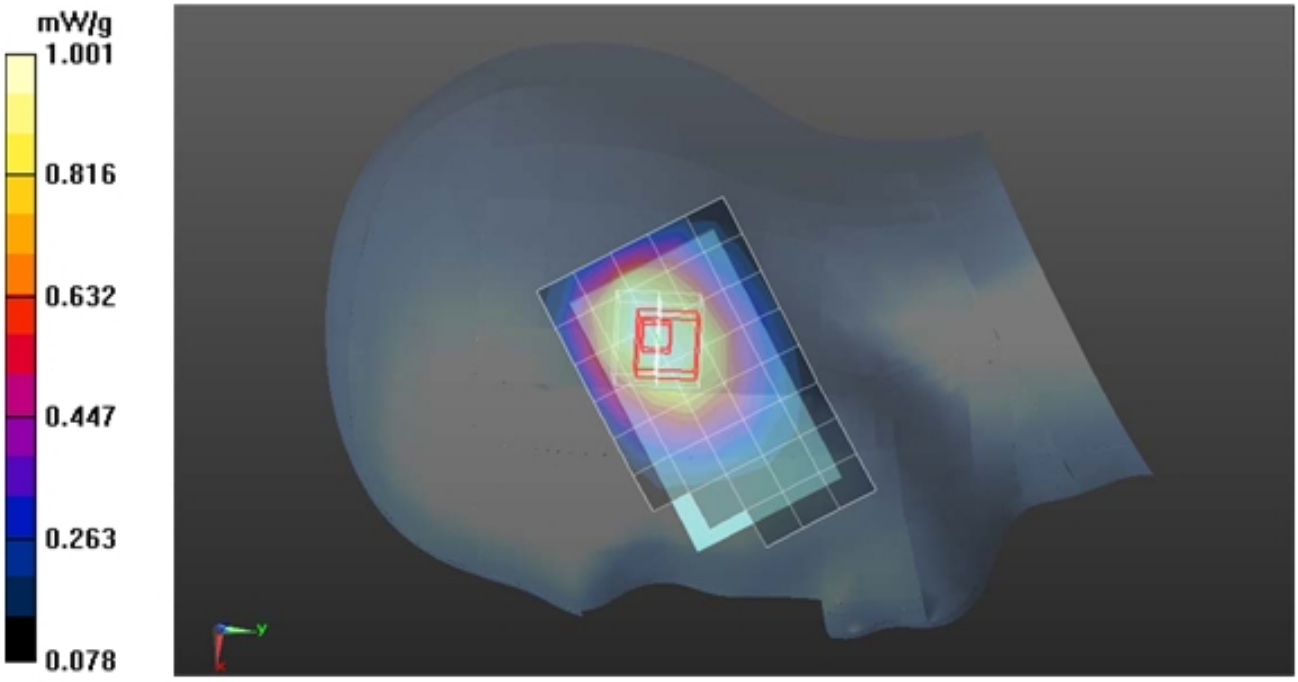
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.003 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.385 W/kg

SAR(1 g) = 0.723 mW/g; SAR(10 g) = 0.498 mW/g

Maximum value of SAR (measured) = 1.001 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Right Head Cheek High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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;σ = 0.89 mho/m;ε_r = 41.327;ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

GSM850/Right Head Cheek High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.383 mW/g

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

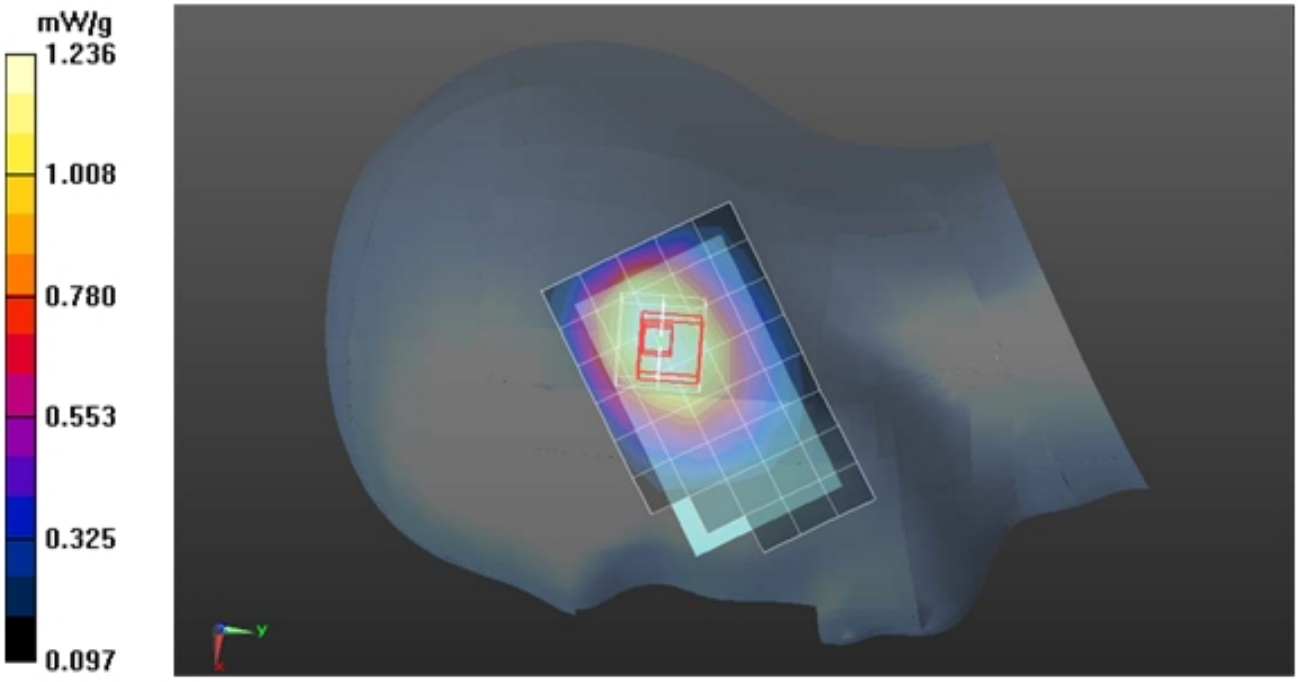
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.532 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.616 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 1.136 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Right Head Tilted High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.89 mho/m; ε_r = 41.327; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

GSM850/Right Head Tilted High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.268 mW/g

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

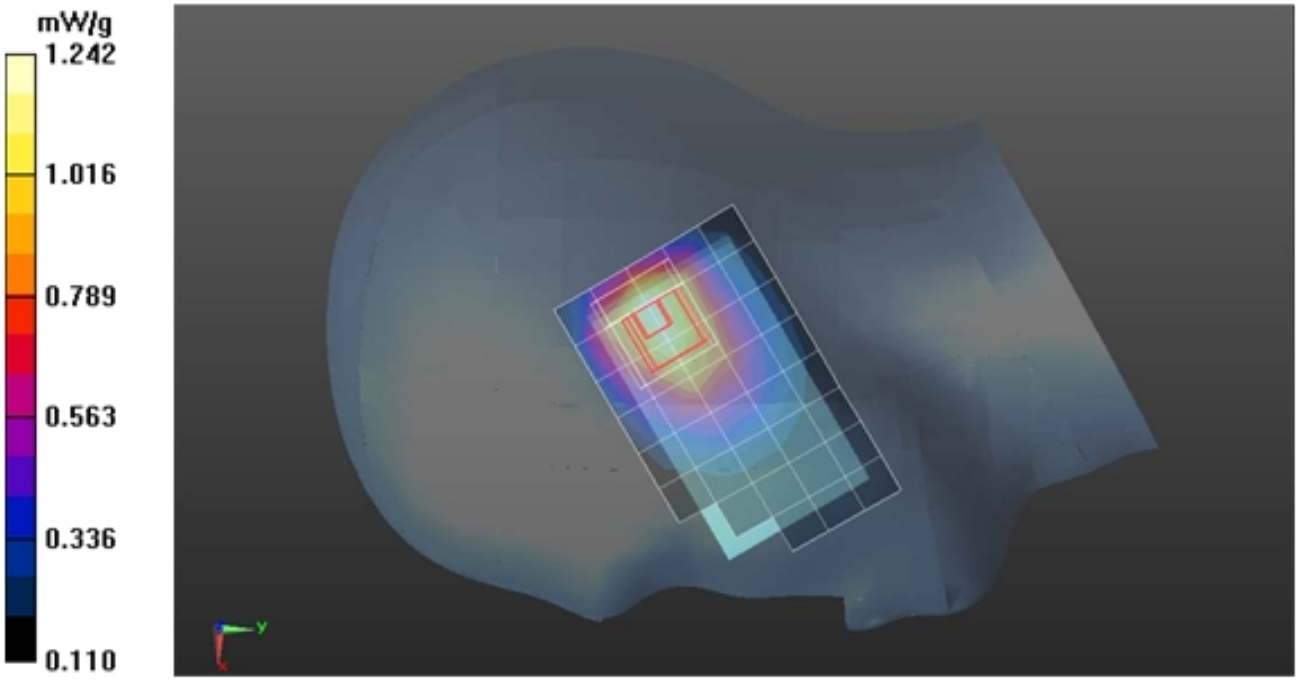
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.586 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.557 W/kg

SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.411 mW/g

Maximum value of SAR (measured) = 1.131 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Left Head Cheek High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.89 mho/m; ε_r = 41.327; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

GSM850/Left Head Cheek High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.151 mW/g

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

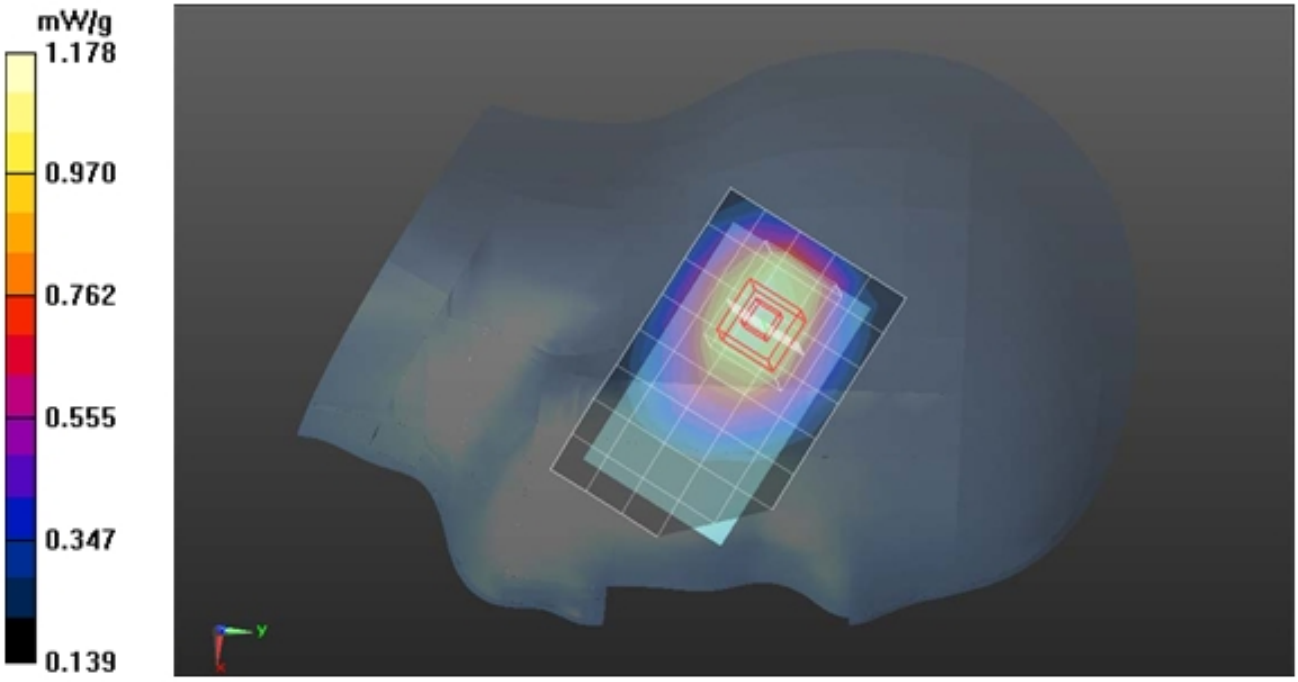
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.329 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.337 W/kg

SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.402 mW/g

Maximum value of SAR (measured) = 1.178 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Left Head Tilted High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.89 mho/m; ε_r = 41.327; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

GSM850/Left Head Tilted High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.088 mW/g

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

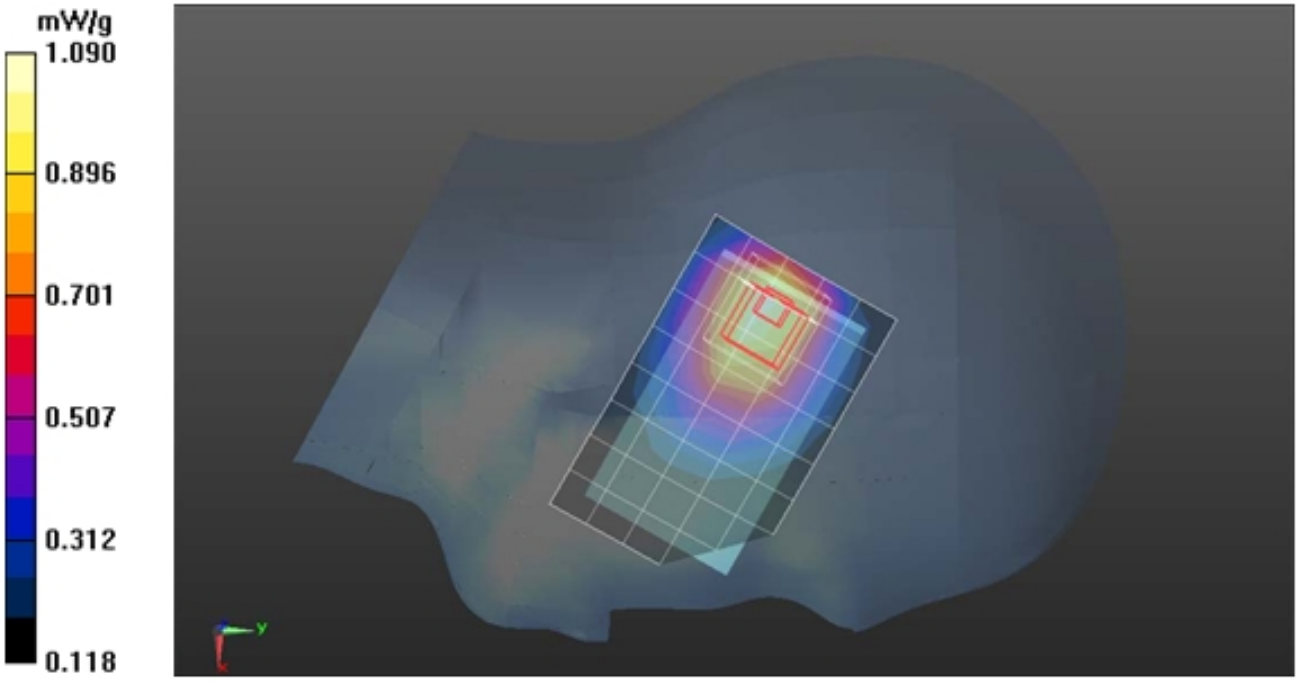
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 34.376 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.429 W/kg

SAR(1 g) = 0.685 mW/g; SAR(10 g) = 0.382 mW/g

Maximum value of SAR (measured) = 1.090 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS-1900-Right Head Cheek Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.42 mho/m; ε_r = 39.87; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

PCS1900/Right Head Cheek Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 2.130 mW/g

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

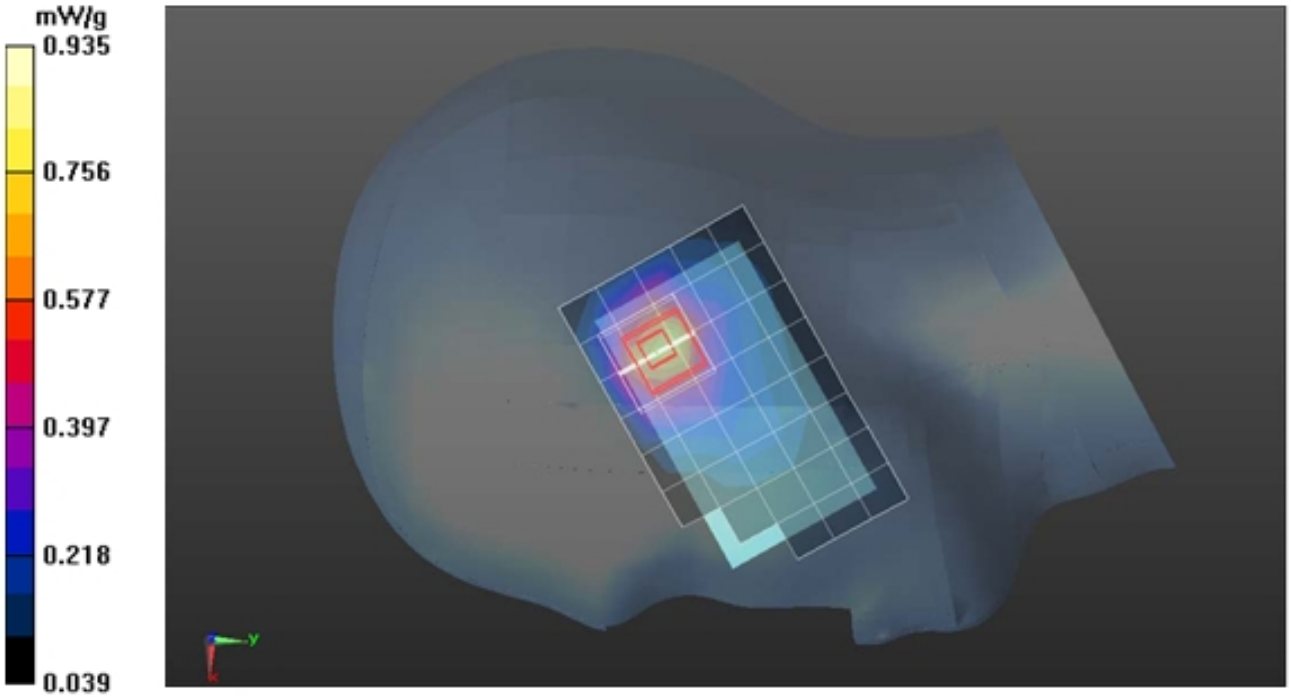
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.833 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.285 W/kg

SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.399 mW/g

Maximum value of SAR (measured) = 0.935 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS-1900-Right Head Cheek Middle CH661

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.41 mho/m; ε_r = 39.74; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

PCS1900/Right Head Cheek Middle CH661/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.998 mW/g

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

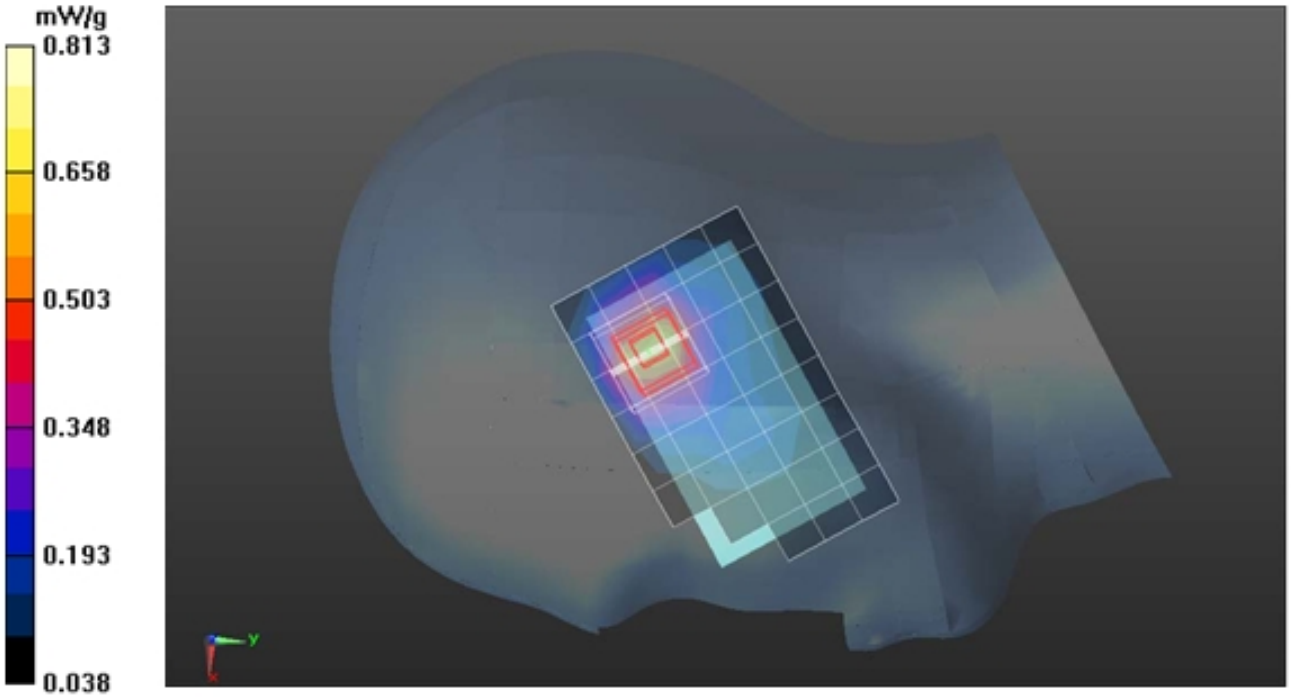
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.306 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.085 W/kg

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.813 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS-1900-Right Head Cheek High CH810

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.41 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

PCS1900/Right Head Cheek High CH810/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 2.020 mW/g

PCS1900/Right Head Cheek High CH810/Zoom Scan (7x7x9)/Cube 0:

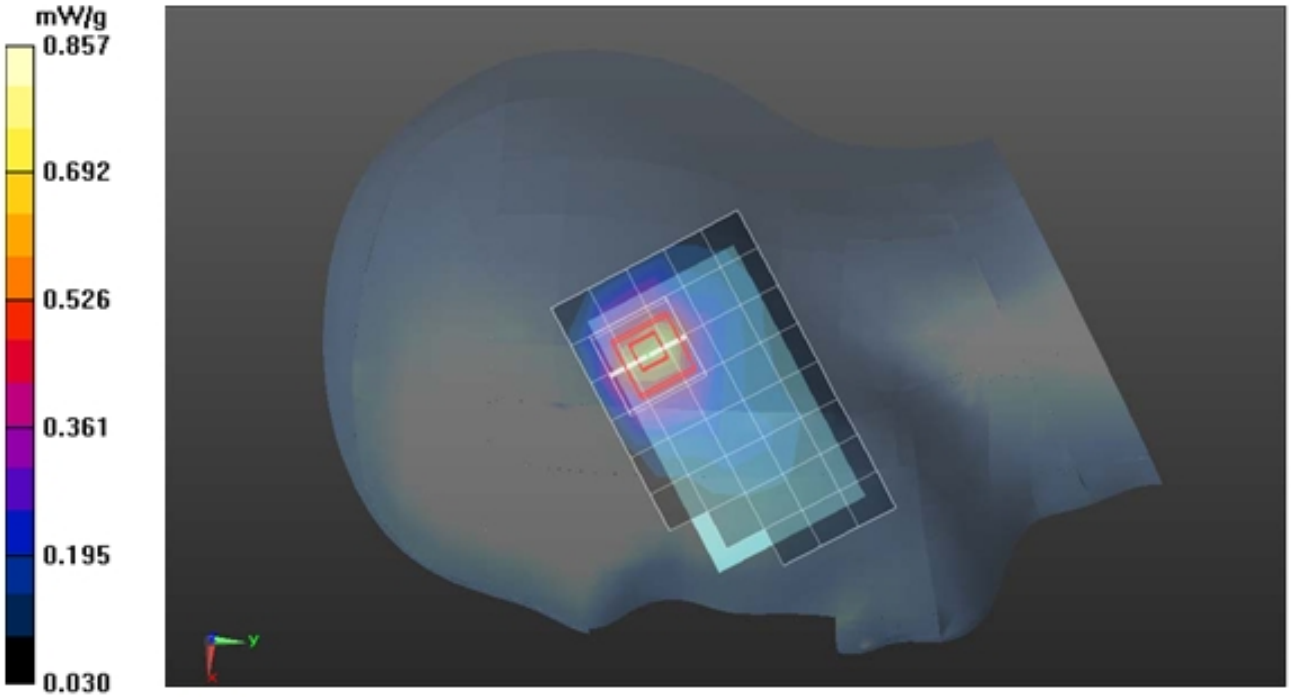
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.426 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.154 W/kg

SAR(1 g) = 0.515 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 0.857 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS-1900-Right Head Tilted Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.41 mho/m; ε_r = 39.87; ρ = 1000 kg/m^3

Phantom section: Right Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

PCS1900/Right Head Tilted Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.923 mW/g

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

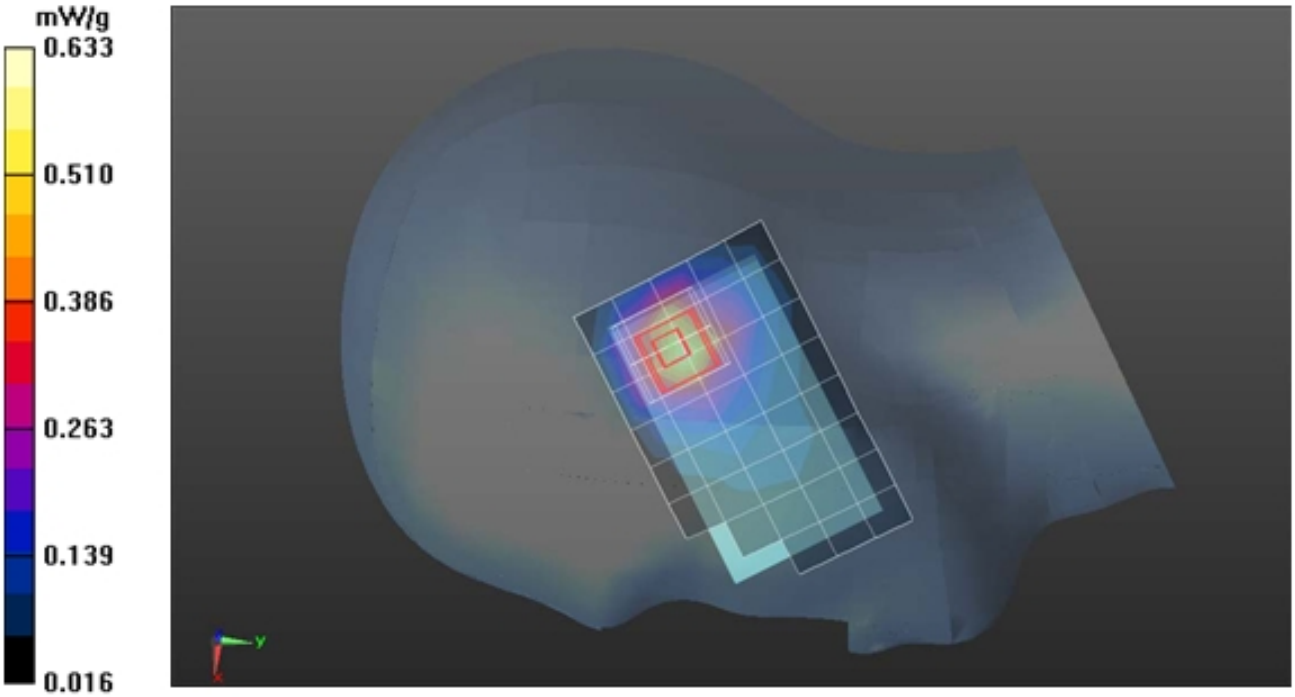
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.947 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.126 W/kg

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.302 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS 1900-Left Head Cheek Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.42 mho/m; ε_r = 39.87; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

PCS1900/Left Head Cheek Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.401 mW/g

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

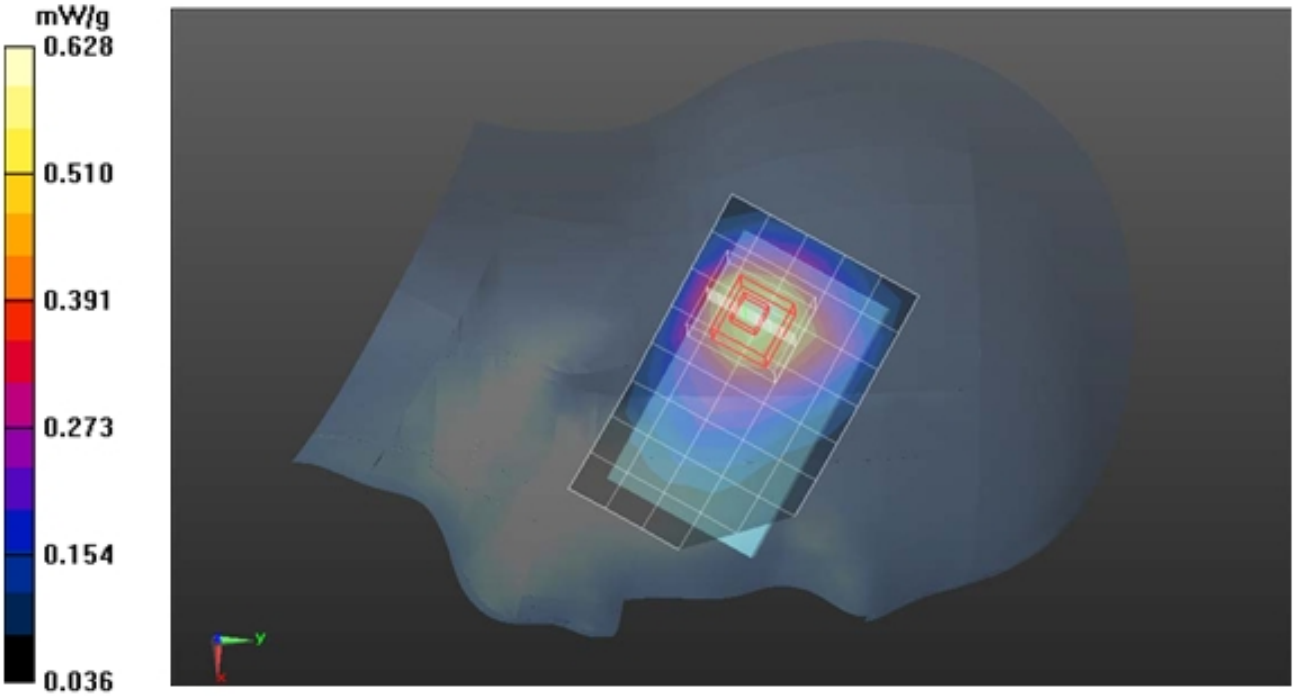
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.367 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.485mW/g; SAR(10 g) = 0.207mW/g

Maximum value of SAR (measured) = 0.628 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS 1900-Left Head Tilted Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.42 mho/m; ε_r = 39.87; ρ = 1000 kg/m^3

Phantom section: Left Section

Measurement Standard: DASY5 (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
- DASY52 52.8.0(692); SEMCAD X 14.6.4(4989)

PCS1900/Left Head Tilted Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.553 mW/g

PCS1900/Left Head Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0:

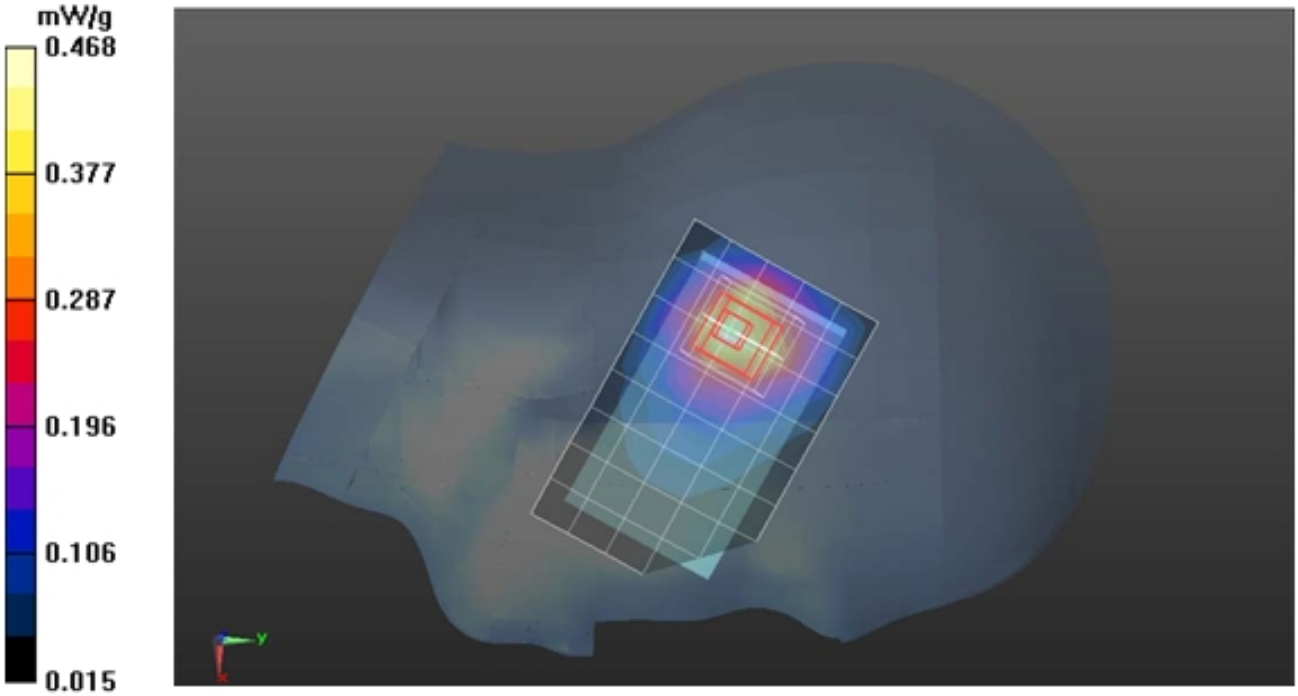
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.272 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.359 mW/g; SAR(10 g) = 0.205 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Body Up High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.969 mho/m; ε_r = 55.252; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM 850/GSM850 Body Up High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.485 mW/g

GSM 850/GSM850 Body Up High CH251/Zoom Scan (7x7x9)/Cube 0:

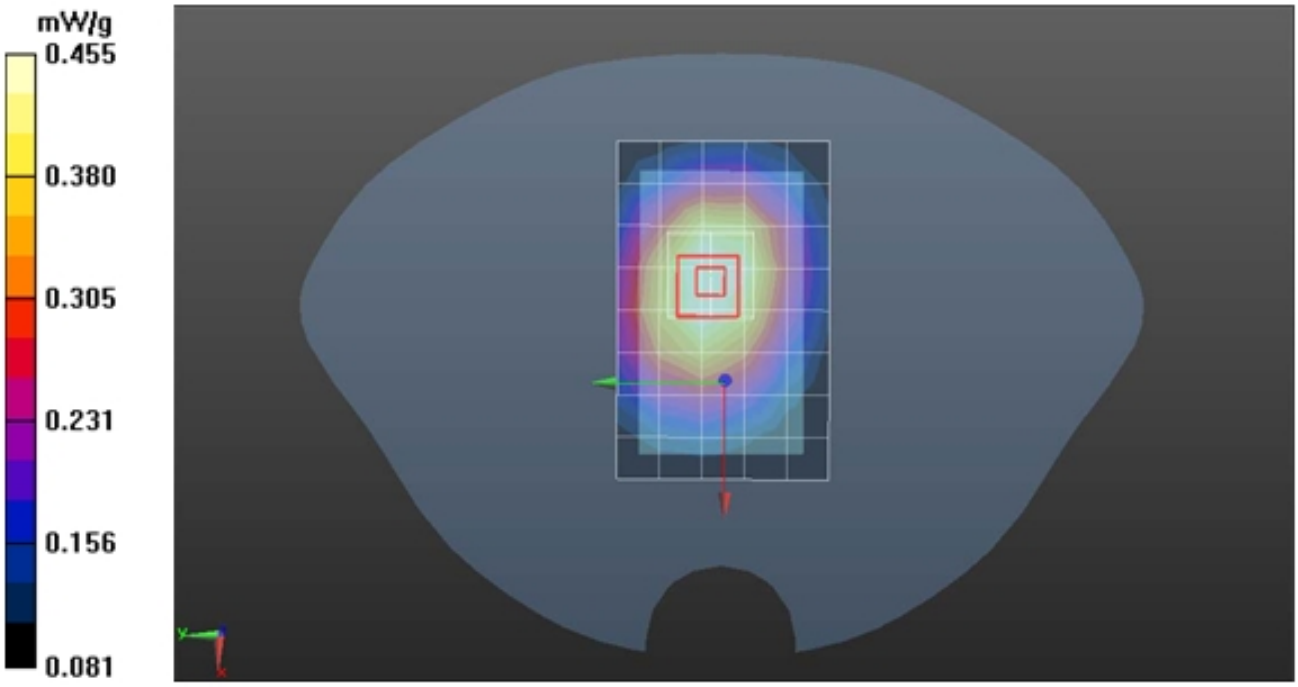
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.732 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.552 W/kg

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.165mW/g

Maximum value of SAR (measured) = 0.455 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Body Down Low CH128

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.96 mho/m; ε_r = 55.359; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM 850/GSM850 Body Down Low CH128/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.583 mW/g

GSM 850/GSM850 Body Down Low CH128/Zoom Scan (7x7x9)/Cube 0:

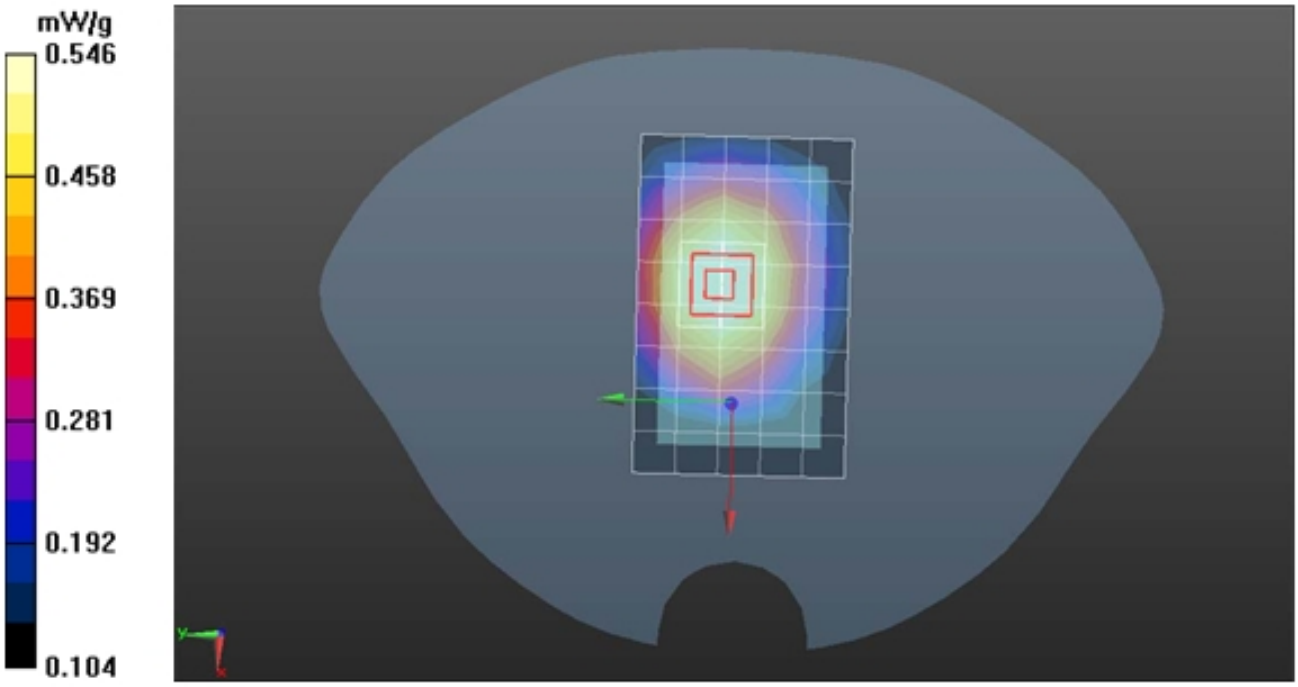
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.909 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.665 W/kg

SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.546 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Body Down Middle CH190

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.96 mho/m; ε_r = 55.358; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM 850/GSM850 Body Down Middle CH190/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.868 mW/g

GSM 850/GSM850 Body Down Middle CH190/Zoom Scan (7x7x9)/Cube 0:

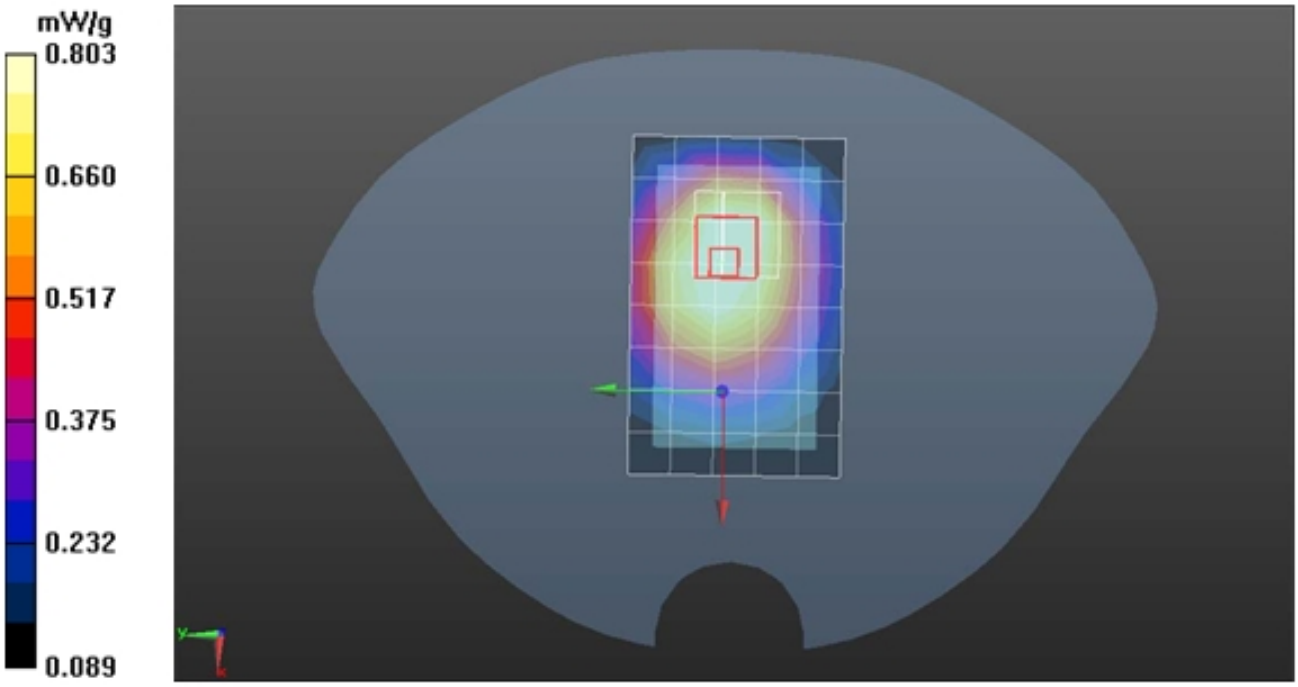
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.038 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.985 W/kg

SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.803 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GSM 850-Body Down High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

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; σ = 0.969 mho/m; ε_r = 55.352; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM 850/GSM850 Body Down High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 1.148 mW/g

GSM 850/GSM850 Body Down High CH251/Zoom Scan (7x7x9)/Cube 0:

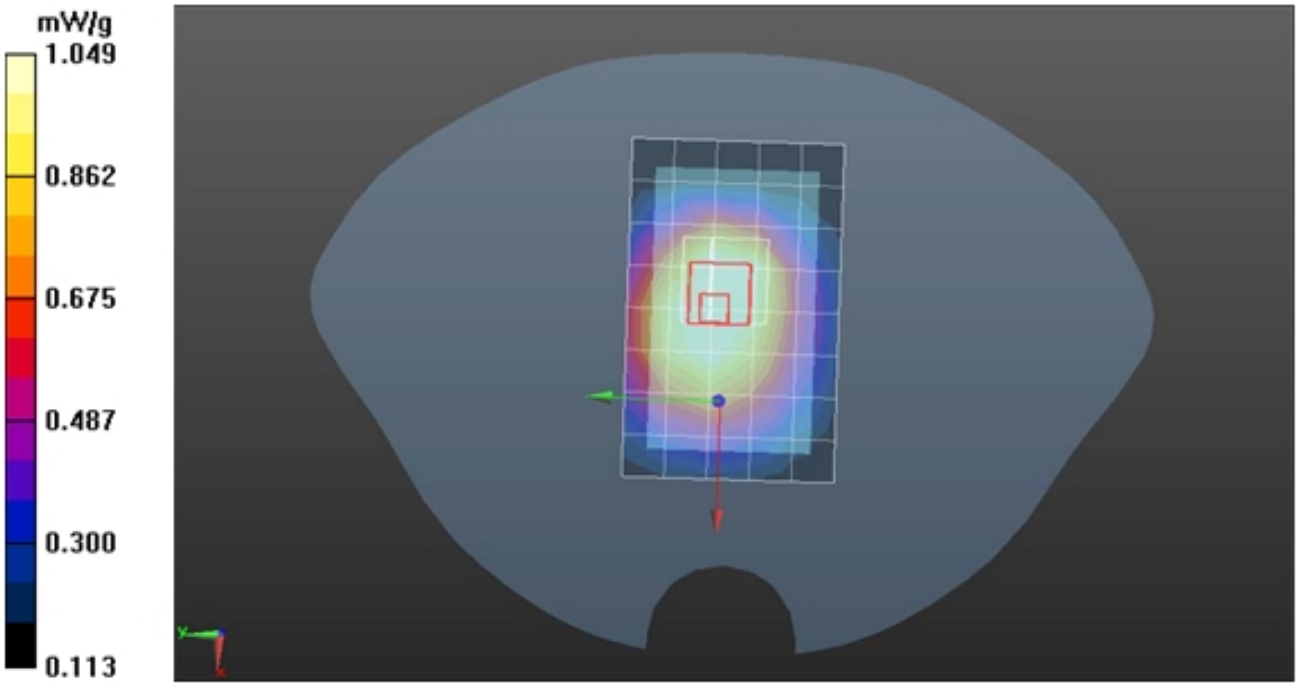
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.443 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.299 W/kg

SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.641 mW/g

Maximum value of SAR (measured) = 1.049 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GPRS 850-Body Up High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 3.01dB

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

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.96 mho/m; εr= 55.628; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GPRS 850/GPRS850 Body Up High CH251/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.327 mW/g

GPRS 850/GPRS850 Body Up High CH251/Zoom Scan (7x7x9)/Cube 0:

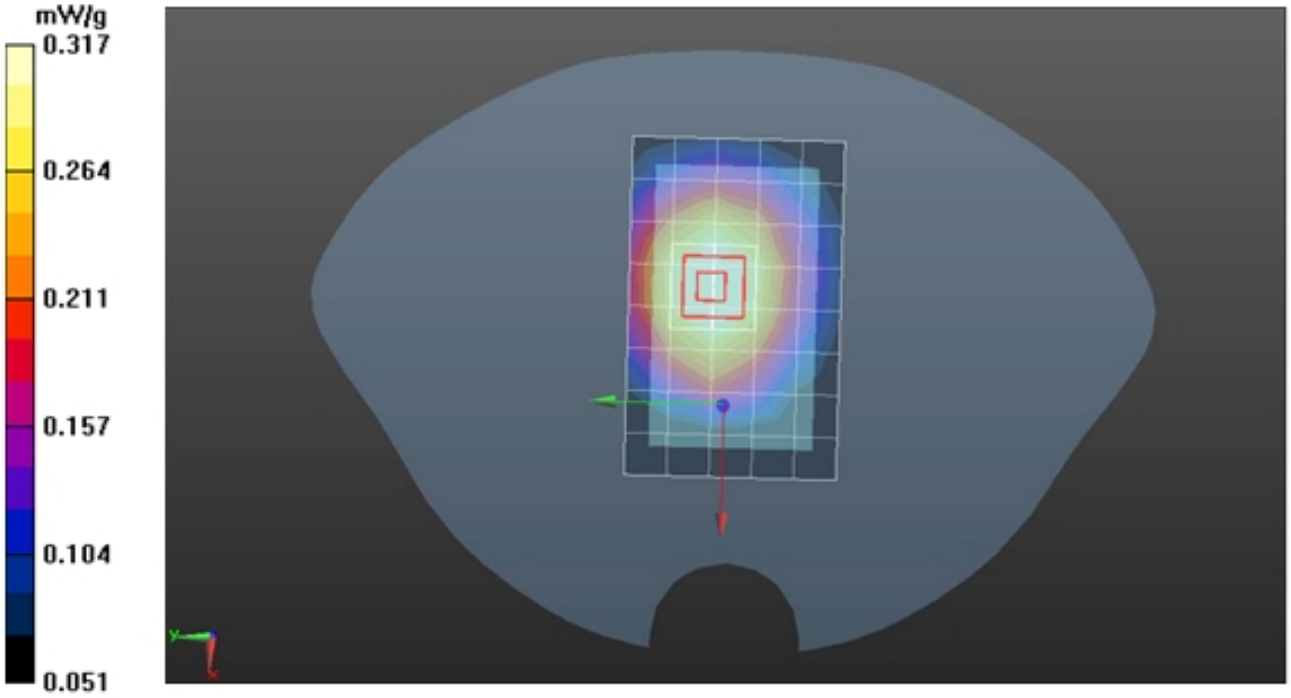
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.903 V/m; Power Drift = 0.0022 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 0.317 mW/g



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GPRS 850-Body Down High CH251

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 3.01dB

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

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.96 mho/m; εr= 55.628; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GPRS 850/GPRS850 Body Down High CH251/Area Scan (6x9x1):

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

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

GPRS 850/GPRS850 Body Down High CH251/Zoom Scan (7x7x9)/Cube 0:

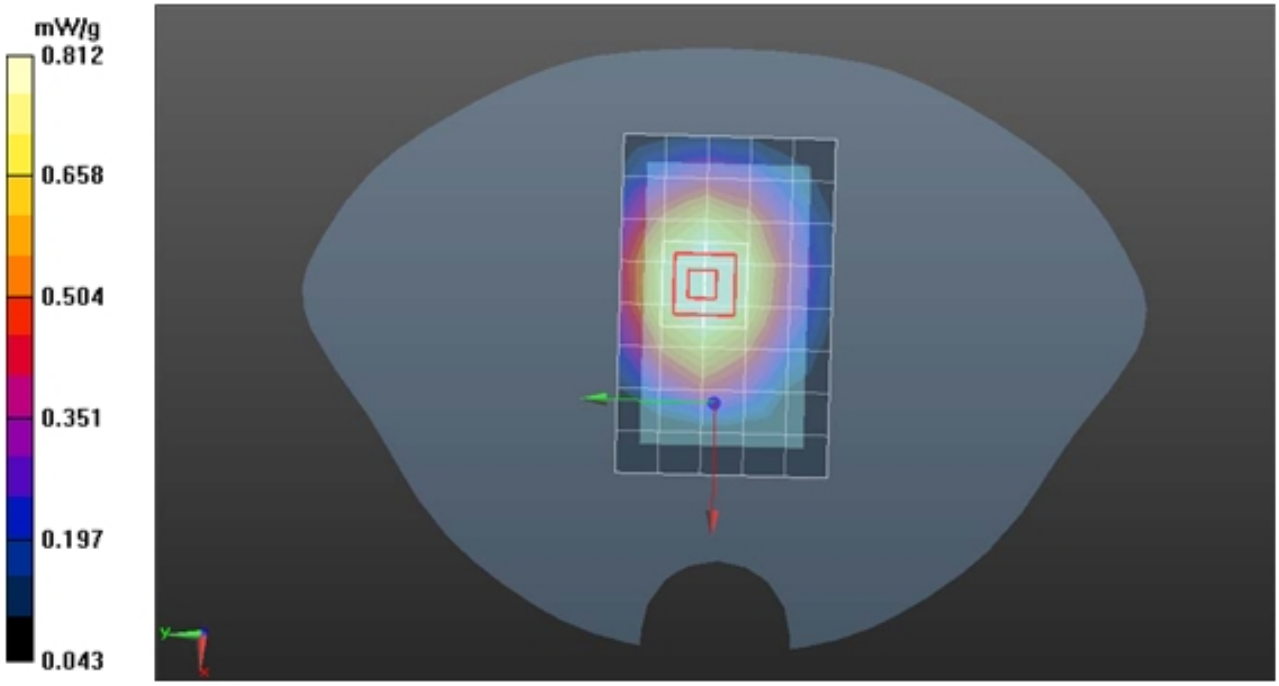
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.084 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.324 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS1900-Body Up Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.53 mho/m; ε_r = 52.24; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM1900/GSM1900 Body Up Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.667 mW/g

GSM1900/GSM1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:

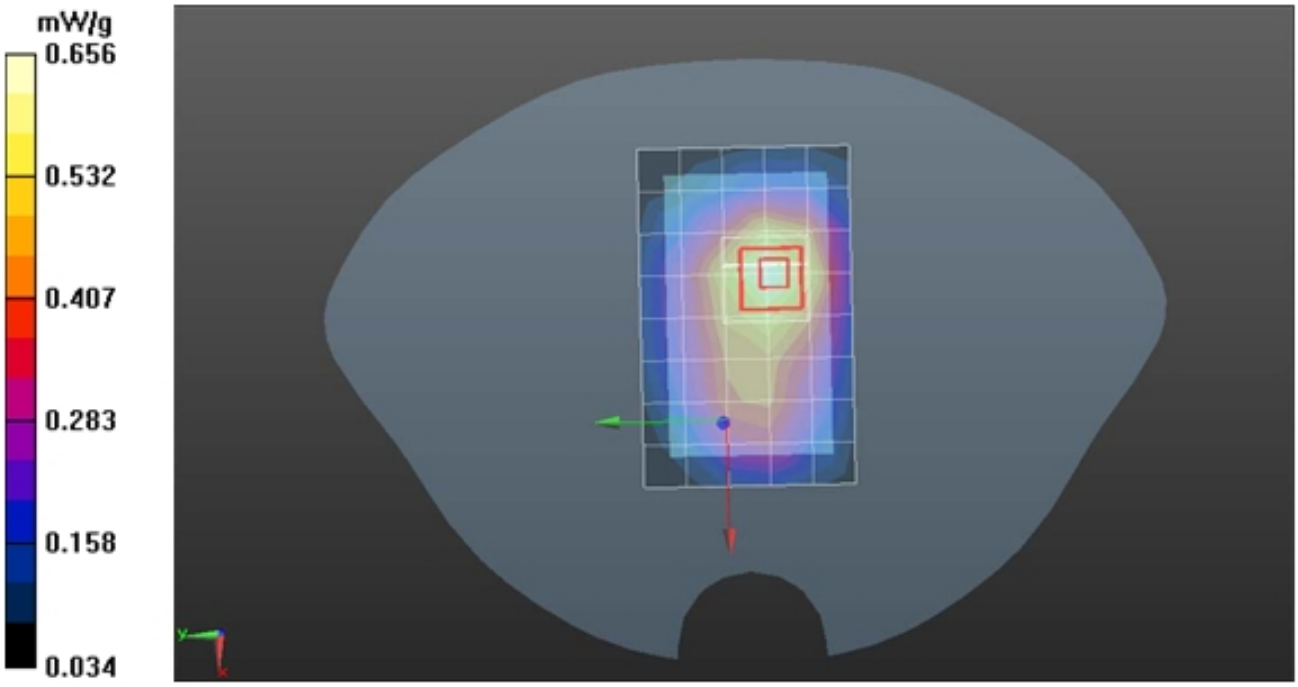
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.298 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.839 W/kg

SAR(1 g) = 0.454 mW/g; SAR(10 g) = 0.312 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS1900-Body Down Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.53 mho/m; ε_r = 52.24; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM1900/GSM1900 Body Down Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.836 mW/g

GSM1900/GSM1900 Body Down Low CH512/Zoom Scan (7x7x9)/Cube 0:

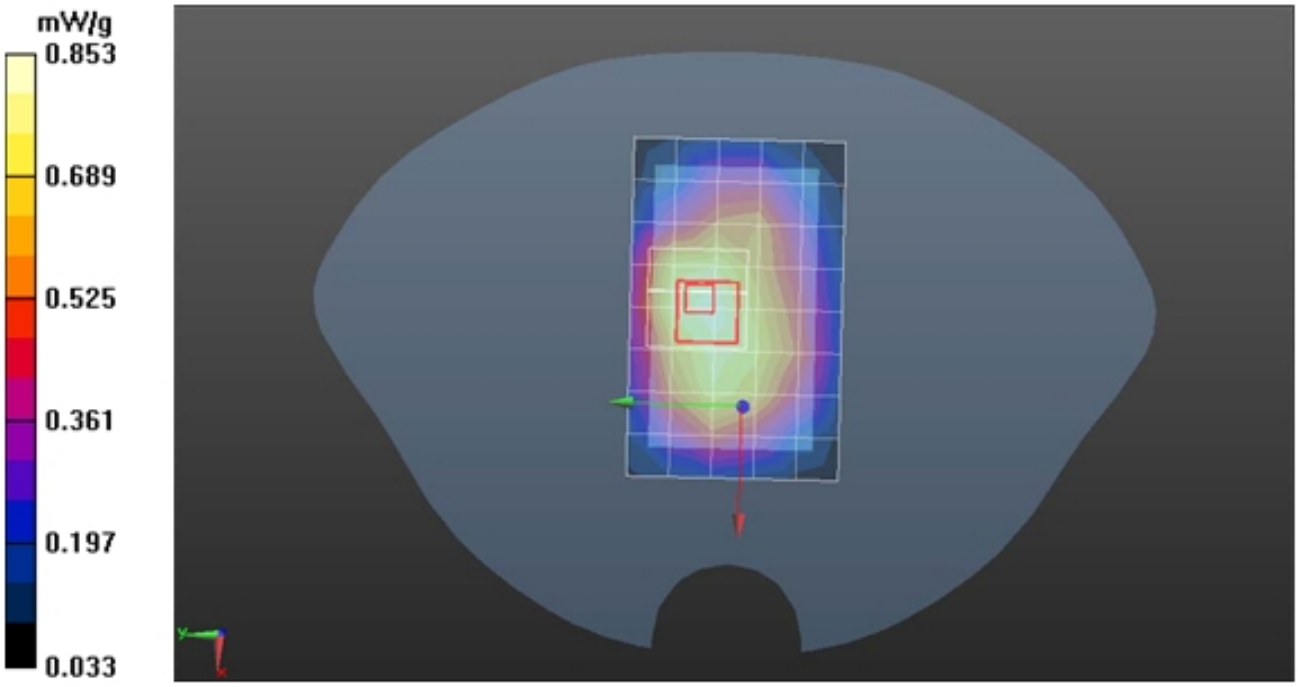
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.090 W/kg

SAR(1 g) = 0.684 mW/g; SAR(10 g) = 0.423 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS1900-Body Down Middle CH661

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.534 mho/m; ε_r = 52.14; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM1900/GSM1900 Body Down Middle CH661/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.810 mW/g

GSM1900/GSM1900 Body Down Middle CH661/Zoom Scan (7x7x9)/Cube 0:

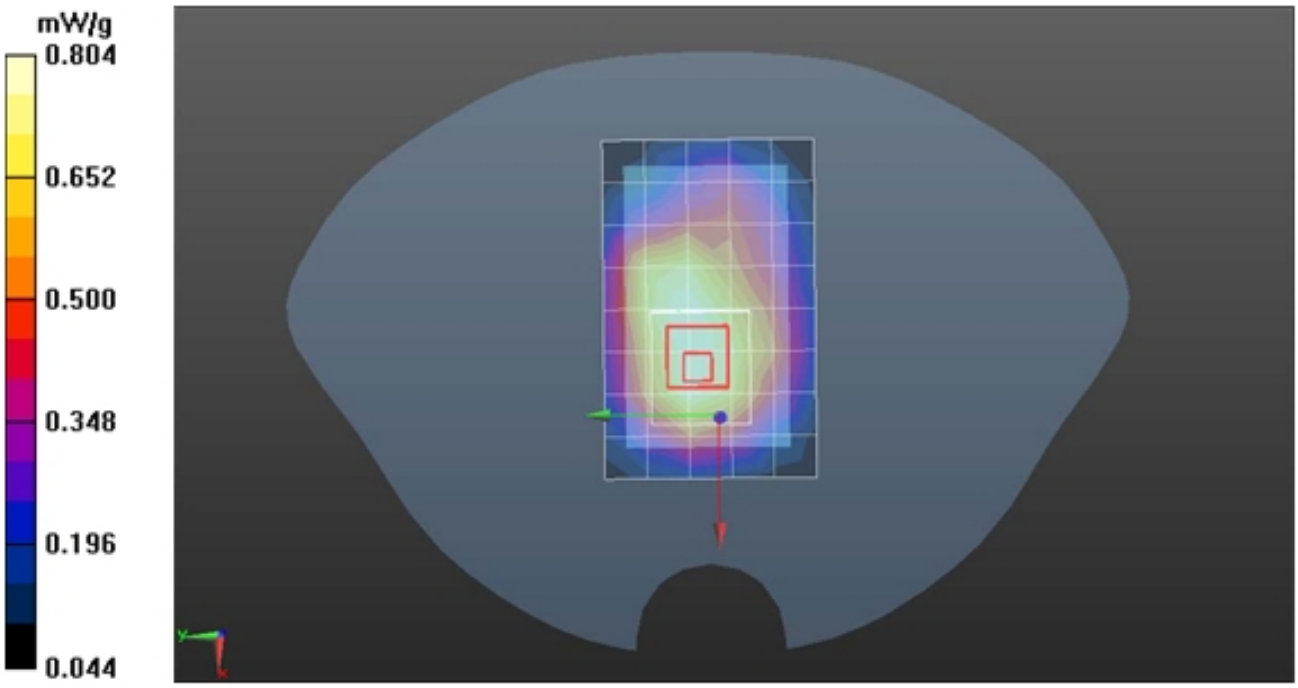
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.020 W/kg

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.419 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

PCS1900-Body Down High CH810

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 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; σ = 1.54 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (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 14.6.4(4989)

GSM1900/GSM1900 Body Down High CH810/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.797 mW/g

GSM1900/GSM1900 Body Down High CH810/Zoom Scan (7x7x9)/Cube 0:

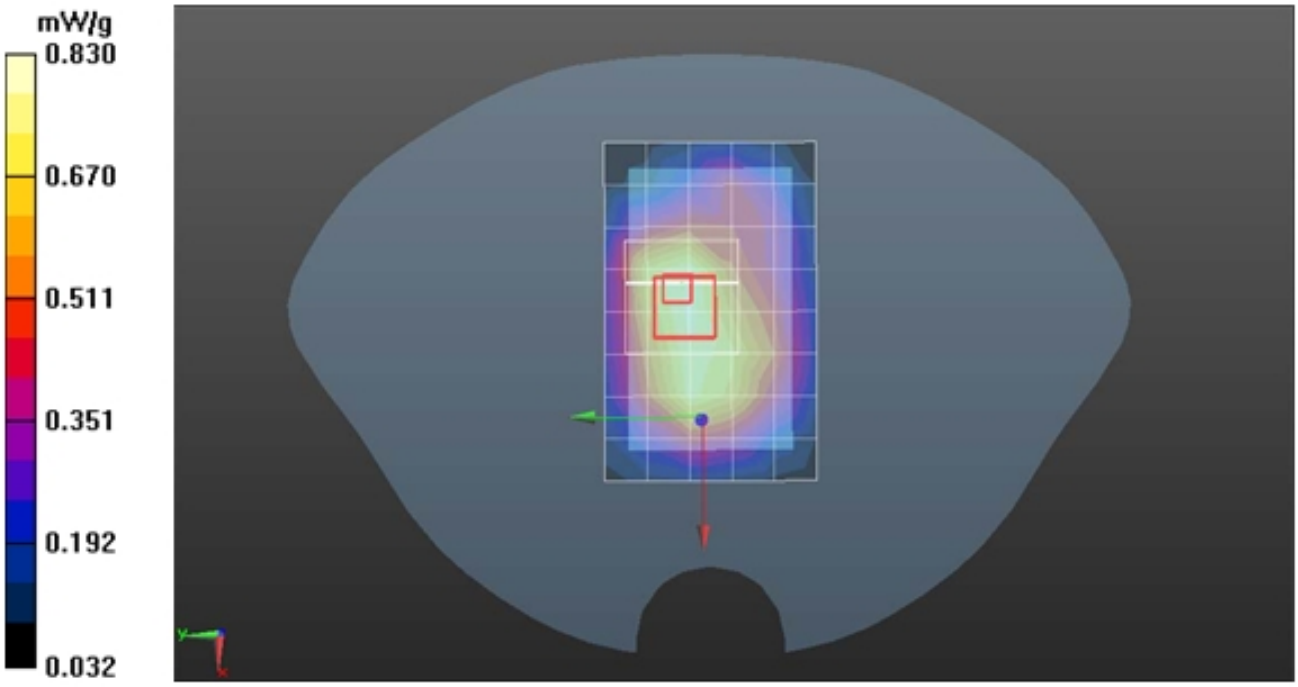
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.107 W/kg

SAR(1 g) = 0.662 mW/g; SAR(10 g) = 0.425 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GPRS1900-Body Up Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 MHz); Frequency: 1850.2 MHz;Communication System PAR: 3.01dB

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

Medium parameters used: f = 1850.2 MHz; σ = 1.54 mho/m; ε_r = 52.34; ρ = 1000 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 14.6.4(4989)

GPRS1900/GPRS1900 Body Up Low CH512/Area Scan (6x9x1):

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

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

GPRS1900/GPRS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:

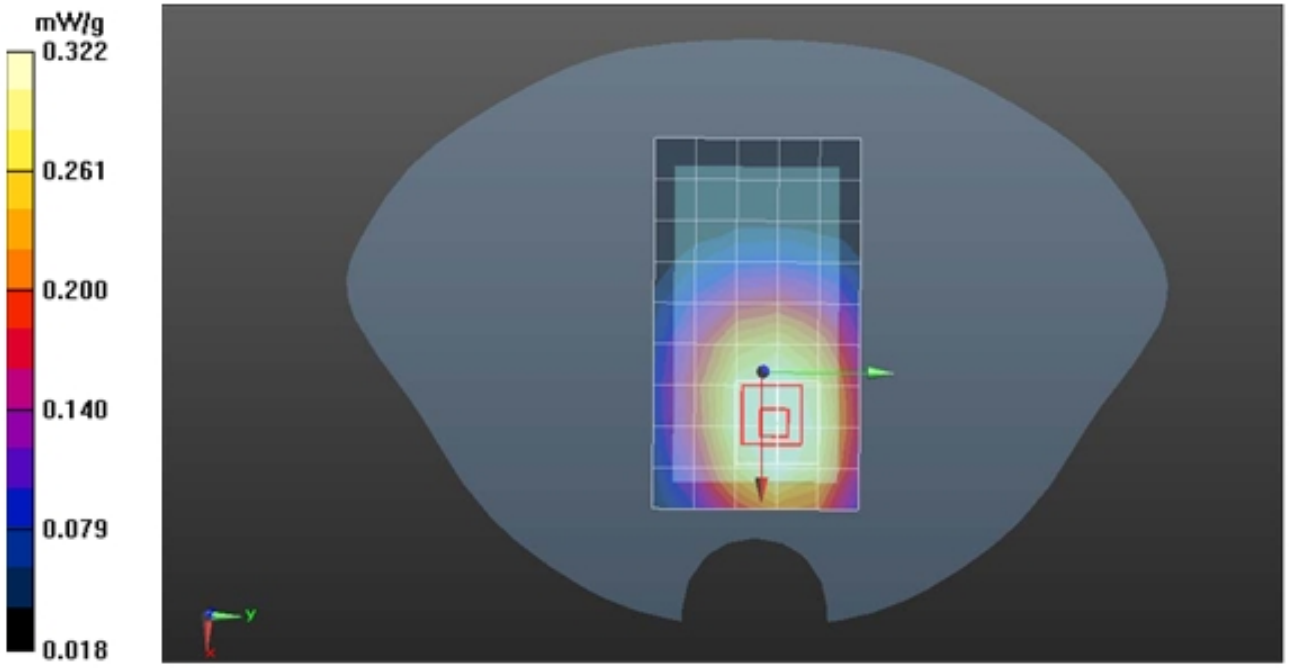
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.423 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.145 mW/g

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



Test Laboratory: Compliance Certification Services Inc. May 8, 2012

GPRS1900-Body Down Low CH512

DUT: GSM Mobile Phone; Type: FB101; Serial: 355264168236521

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.2 - 1909.8 MHz); Frequency: 1850.2 MHz;Communication System PAR: 3.01dB

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

Medium parameters used: f = 1850.2 MHz; σ = 1.53 mho/m; ε_r = 52.32; ρ = 1000 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 14.6.4(4989)

GPRS1900/GPRS1900 Body Down Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.701 mW/g

GPRS1900/GPRS1900 Body Down Low CH512/Zoom Scan (7x7x9)/Cube 0:

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

Reference Value = 20.020 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.138 W/kg

SAR(1 g) = 0.504mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 0.835 mW/g