



Appendix C: Plots of SAR Test Result

The plots are showing as followings.



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Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Right Head Cheek Low CH1013

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 824.70 MHz; Communication System Crest Factor: 1

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

Medium parameters used (interpolated): $f = 824.70$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 40.957$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 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)

CDMA800/Right Cheek Low CH1013/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.175mW/g

CDMA800/Right v Cheek Low CH1013/Zoom Scan (7x7x7)/Cube 0:

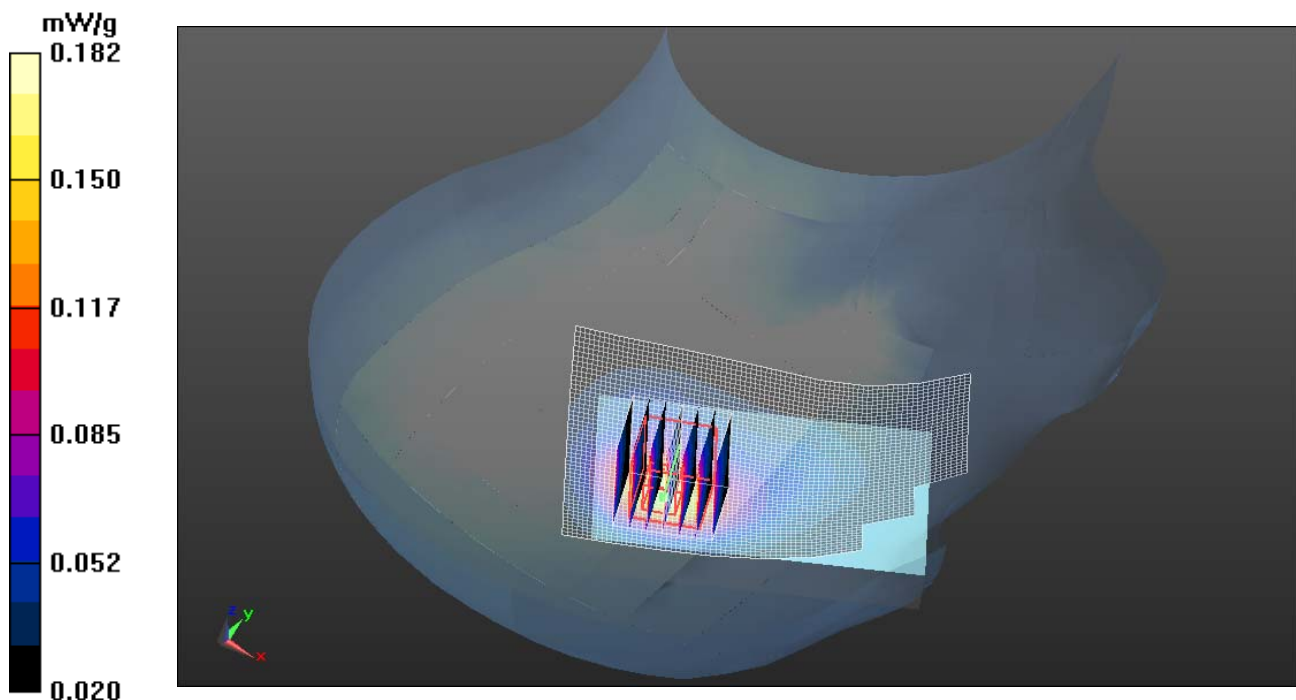
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.691 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.182 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Right Head Cheek Middle CH384

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 836.52 MHz; Communication System Crest Factor: 1

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

Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 40.65$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 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)

CDMA800/Right Cheek Middle CH384/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.245 mW/g

CDMA800/Right Cheek Middle CH384/Zoom Scan (7x7x7)/Cube 0:

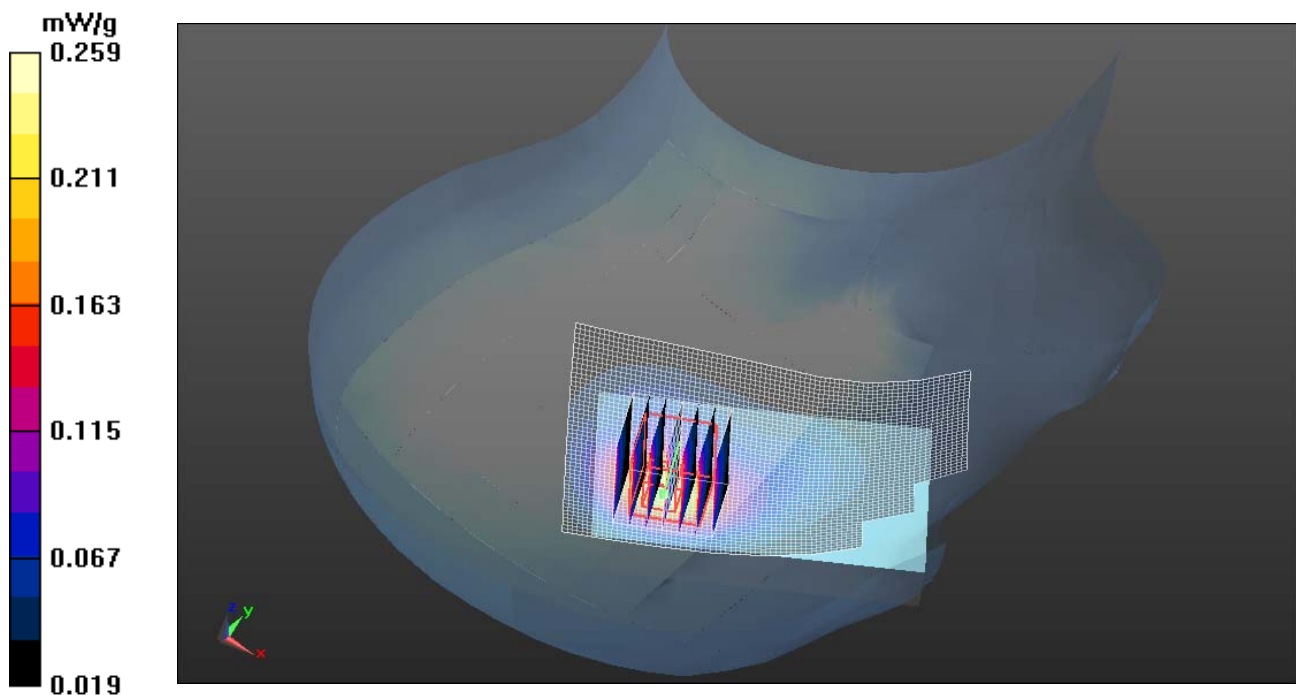
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.155 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.259 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Right Head Cheek High CH777

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 848.31 MHz; Communication System Crest Factor: 1

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

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 40.55$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 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)

CDMA800/Right Cheek High CH777/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.457 mW/g

CDMA800/Right Cheek High CH777/Zoom Scan (7x7x7)/Cube 0:

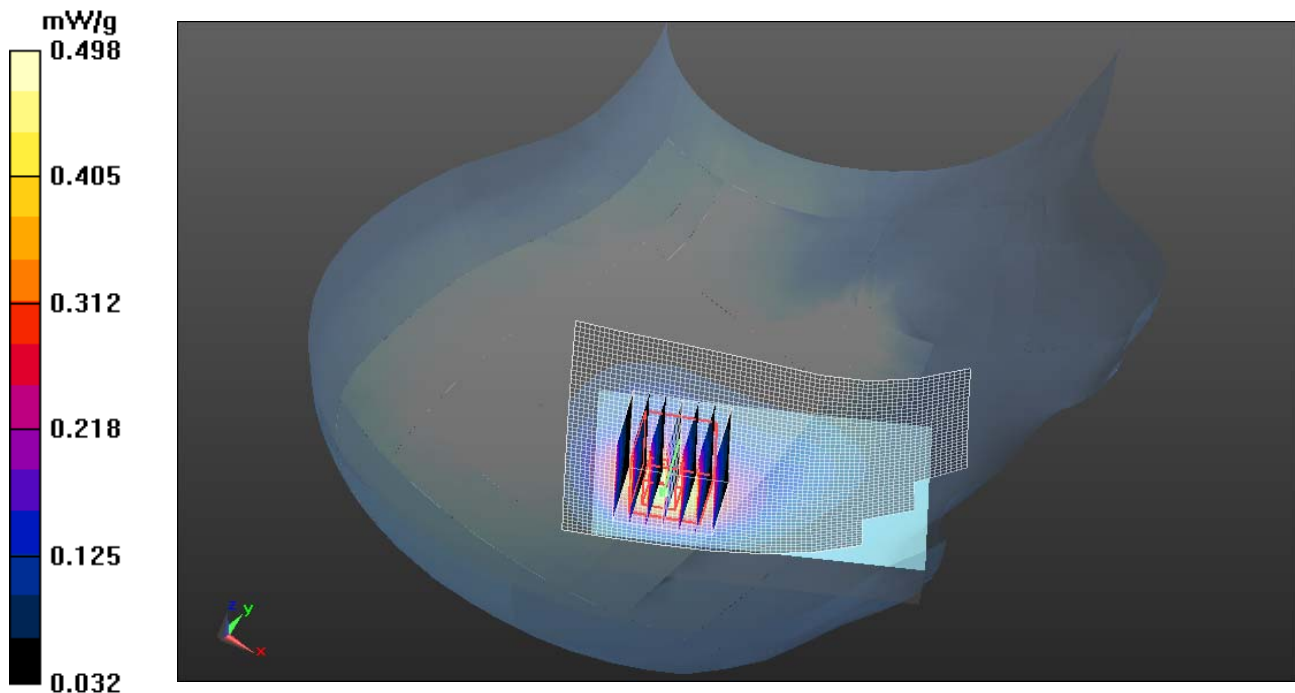
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.388 V/m; Power Drift = 0.1001 dB

Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 0.498 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Right Head Tilted High CH777

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 848.31 MHz; Communication System Crest Factor: 1

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

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 40.55$; $\rho = 1000$ kg/m³

Phantom section: Right Section

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

DASY5 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)

CDMA800/Right Tilted High CH777/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.198 mW/g

CDMA800/Right Tilted High CH777/Zoom Scan (7x7x7)/Cube 0:

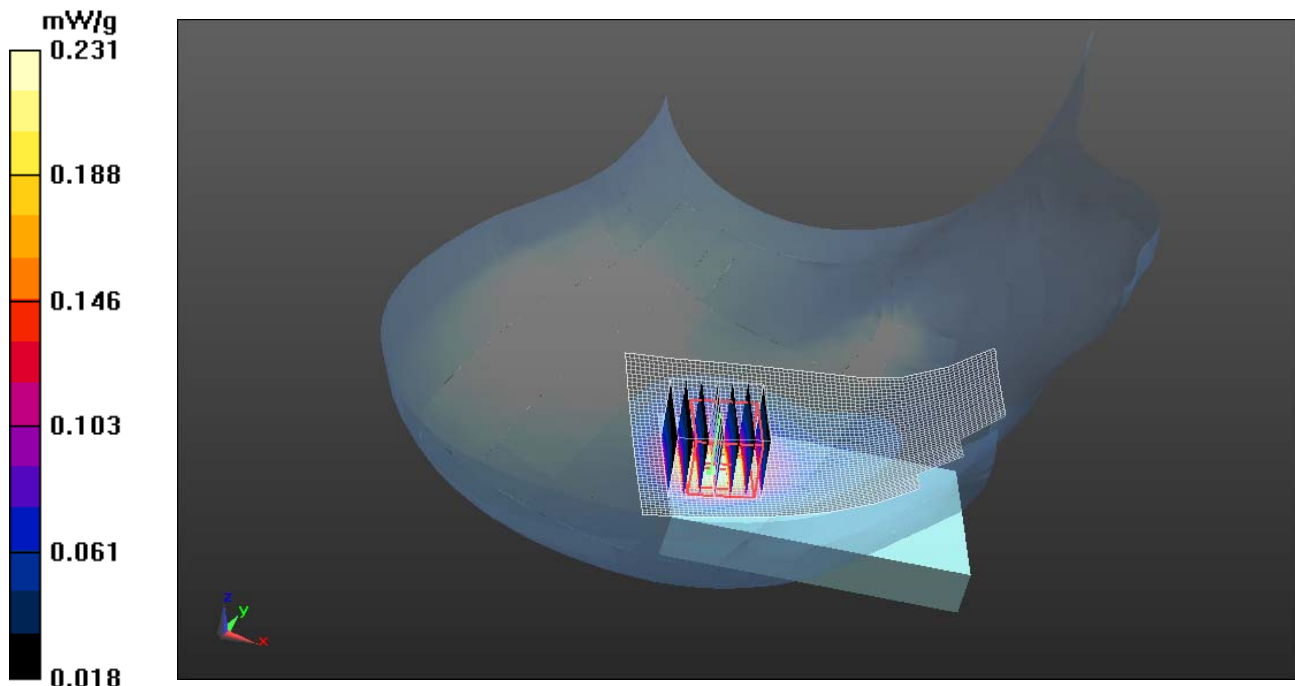
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.366 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.231 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Left Head Cheek High CH777

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 848.31 MHz; Communication System Crest Factor: 1

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

Medium parameters used: $f = 848.31 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 40.55$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

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

DASY5 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)

CDMA800/Left Cheek High CH777/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.135 mW/g

CDMA800/Left Cheek High CH777/Zoom Scan (7x7x7)/Cube 0:

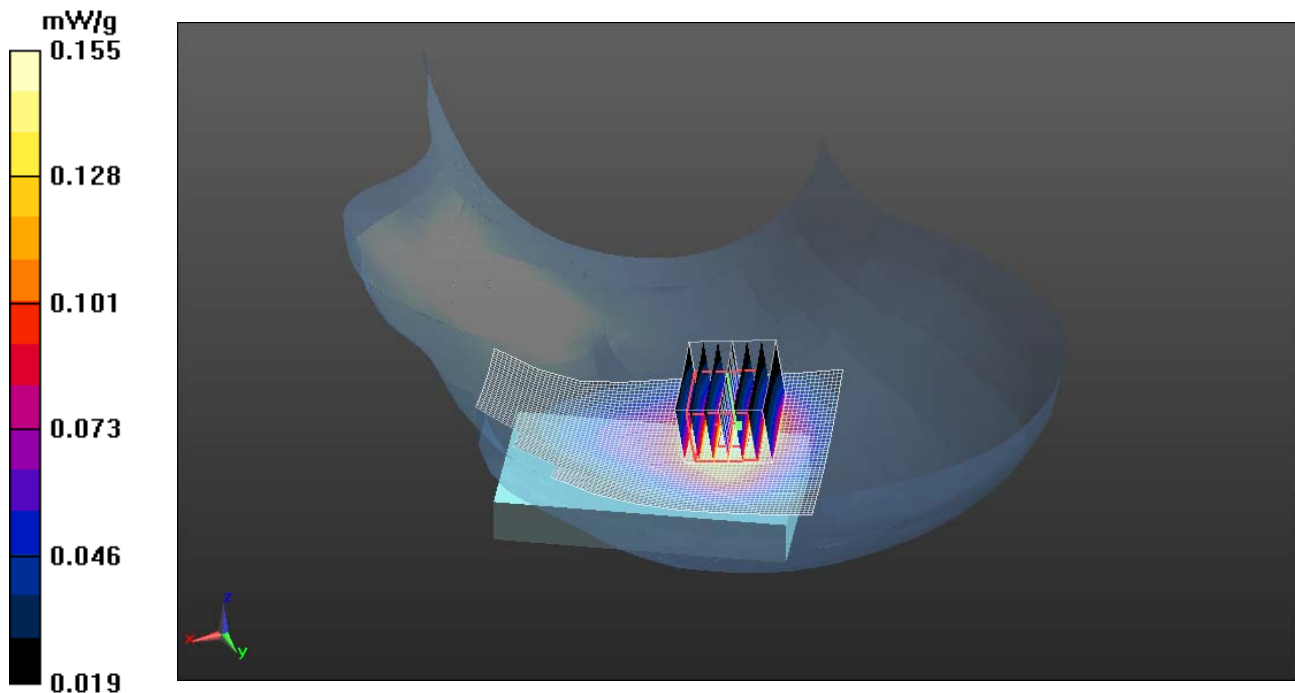
Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.155 V/m; Power Drift = 0.1046 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.155 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Left Head Tilted High CH777

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 848.31 MHz; Communication System Crest Factor: 1

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

Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 40.55$; $\rho = 1000$ kg/m³

Phantom section: Left Section

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

DASY5 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)

CDMA800/Left Tilted High CH777/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.121 mW/g

CDMA800/Left Tilted High CH777/Zoom Scan (7x7x7)/Cube 0:

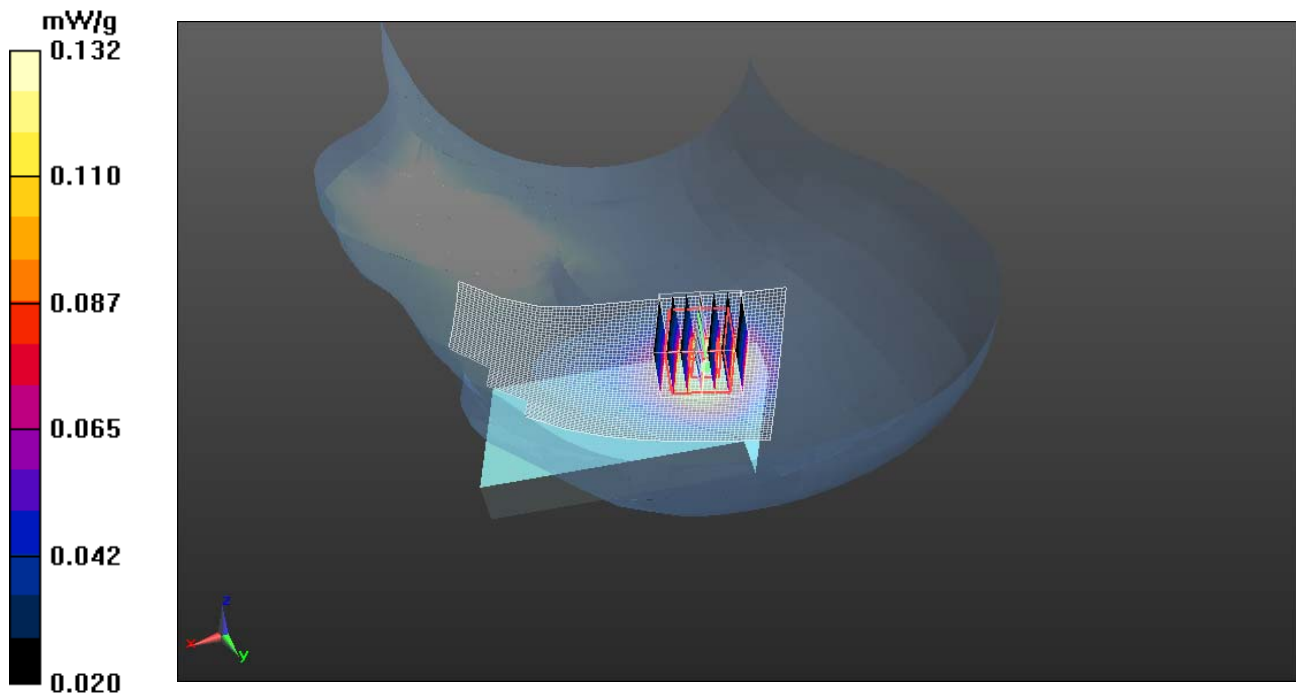
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.657 V/m; Power Drift = 0.1013 dB

Peak SAR (extrapolated) = 0.162 W/kg

SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.132 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Body Up High CH777

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 848.31 MHz; Communication System Crest Factor: 1

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

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 54.198$; $\rho = 1000$ 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 14.6.4(4989)

CDMA800/CDMA800 Body Up High CH777/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.121 mW/g

CDMA800/CDMA800 Body Up High CH777/Zoom Scan (8x8x7)/Cube 0:

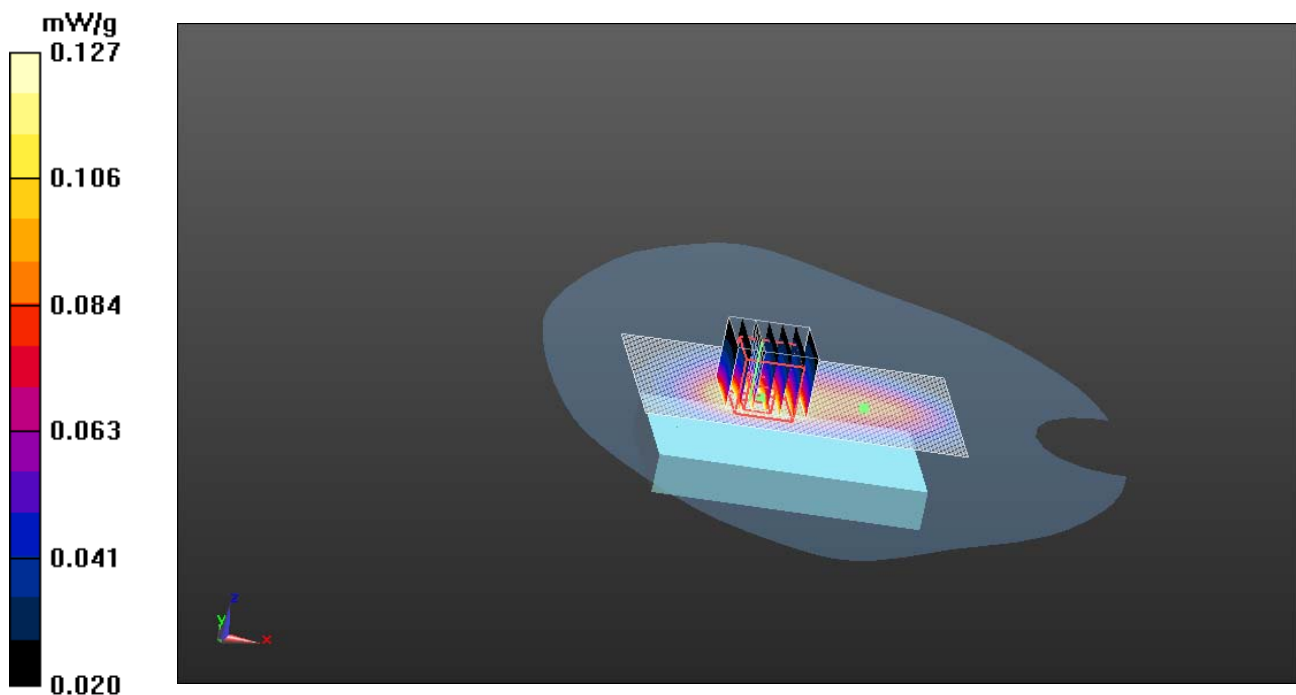
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.921 V/m; Power Drift = 0.0214 dB

Peak SAR (extrapolated) = 0.142 W/kg

SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.127 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Body Down Low CH1013

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 824.70 MHz; Communication System Crest Factor: 1

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

Medium parameters used (interpolated): $f = 824.70$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54.485$; $\rho = 1000$ 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 14.6.4(4989)

CDMA800/CDMA800 Body Down Low CH1013/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.425 mW/g

CDMA800/CDMA800 Body Down Low CH1013/Zoom Scan (8x8x7)/Cube 0:

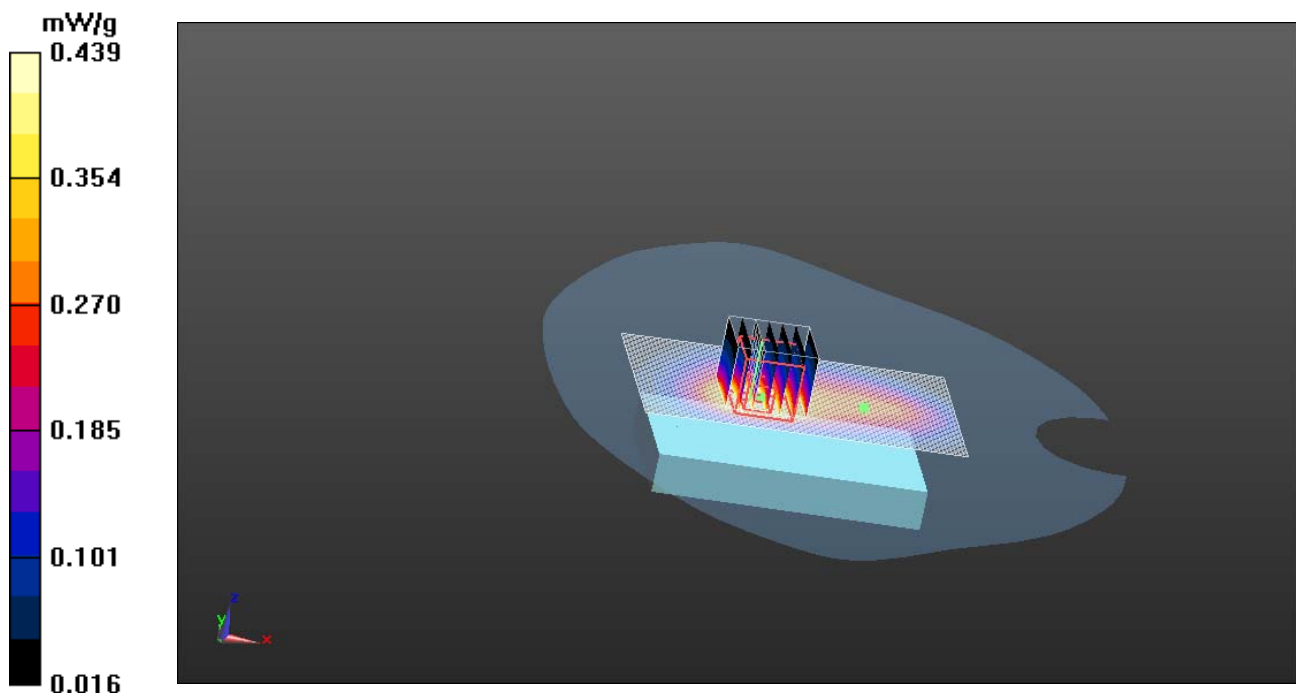
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.704 V/m; Power Drift = 0.018 dB

Peak SAR (extrapolated) = 0.540 W/kg

SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.439 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Body Down Middle CH384

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 836.52 MHz; Communication System Crest Factor: 1

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

Medium parameters used (interpolated): $f = 836.52$ MHz; $\sigma = 0.979$ mho/m; $\epsilon_r = 52.459$; $\rho = 1000$ 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 14.6.4(4989)

CDMA800/CDMA800 Body Down Middle CH384/Area Scan (6x10x1):

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

Maximum value of SAR (measured) = 0.506 mW/g

CDMA800/CDMA800 Body Down Middle CH384/Zoom Scan (8x8x7)/Cube 0:

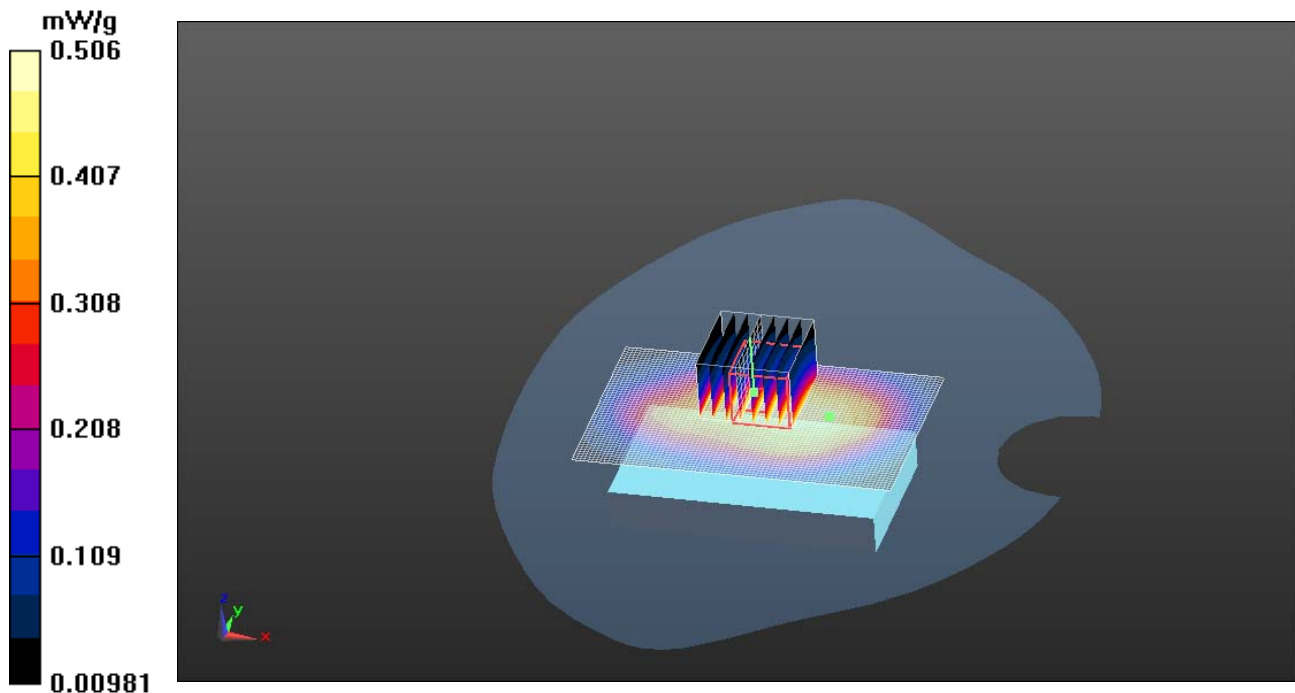
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.656 V/m; Power Drift = -0.0014 dB

Peak SAR (extrapolated) = 0.683 W/kg

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.327 mW/g

Maximum value of SAR (measured) = 0.562 mW/g





Test Laboratory: Compliance Certification Services Inc.

April 18, 2012

CDMA 800-Body Down HighCH777

DUT: Mobile Phone; Type: C1188; Serial: A1000013800000

Communication System: Generic CDMA; Communication System Band: CDMA 800 (824.0 - 849.0 MHz);

Frequency: 848.31 MHz; Communication System Crest Factor: 1

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

Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 52.198$; $\rho = 1000$ kg/m³

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)

CDMA800/CDMA800 Body Down HighCH777/Area Scan (6x10x1):

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

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

CDMA800/CDMA800 Body Down HighCH777/Zoom Scan (8x8x7)/Cube 0:

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

Reference Value = 19.057 V/m; Power Drift = -0.0162 dB

Peak SAR (extrapolated) = 0.912W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.347 mW/g

Maximum value of SAR (measured) = 0.884 mW/g

