Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body Low CH128

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

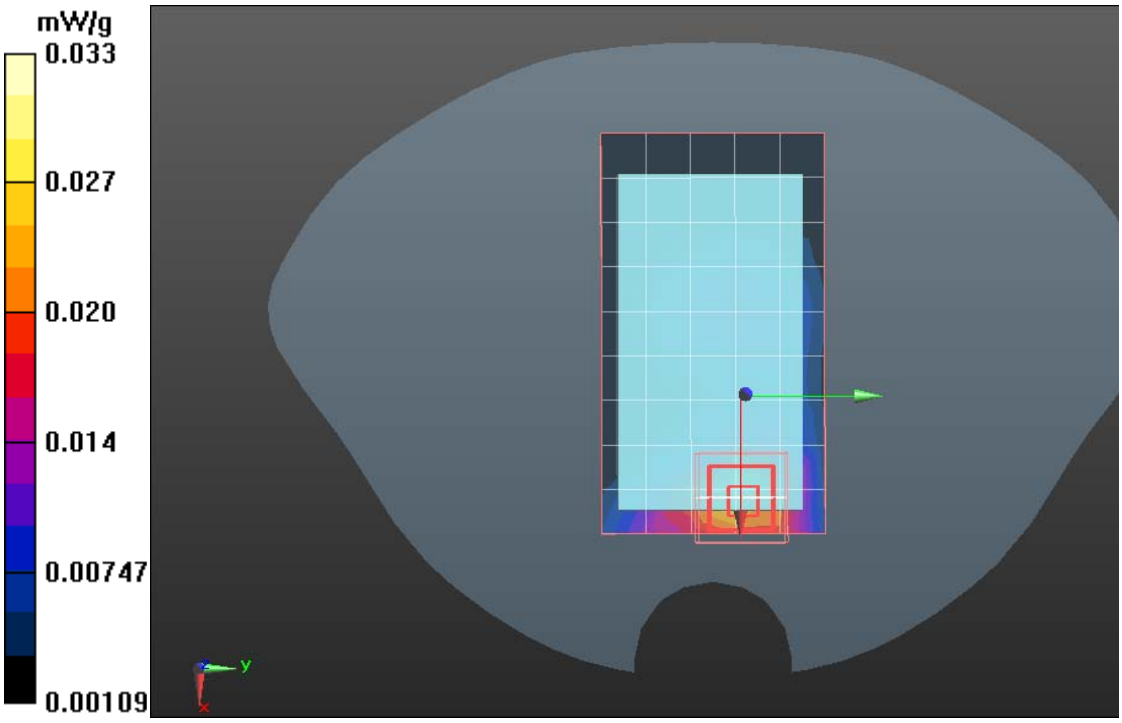
## GSM 850/GSM850 Body Up Low CH128/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.035 V/m; Power Drift = -0.033 dB

**SAR(1 g) = 0.411mW/g; SAR(10 g) = 0.219 mW/g**


mW/g
0.033
0.027
0.020
0.014
0.00747
0.00109
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body Middle CH189

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

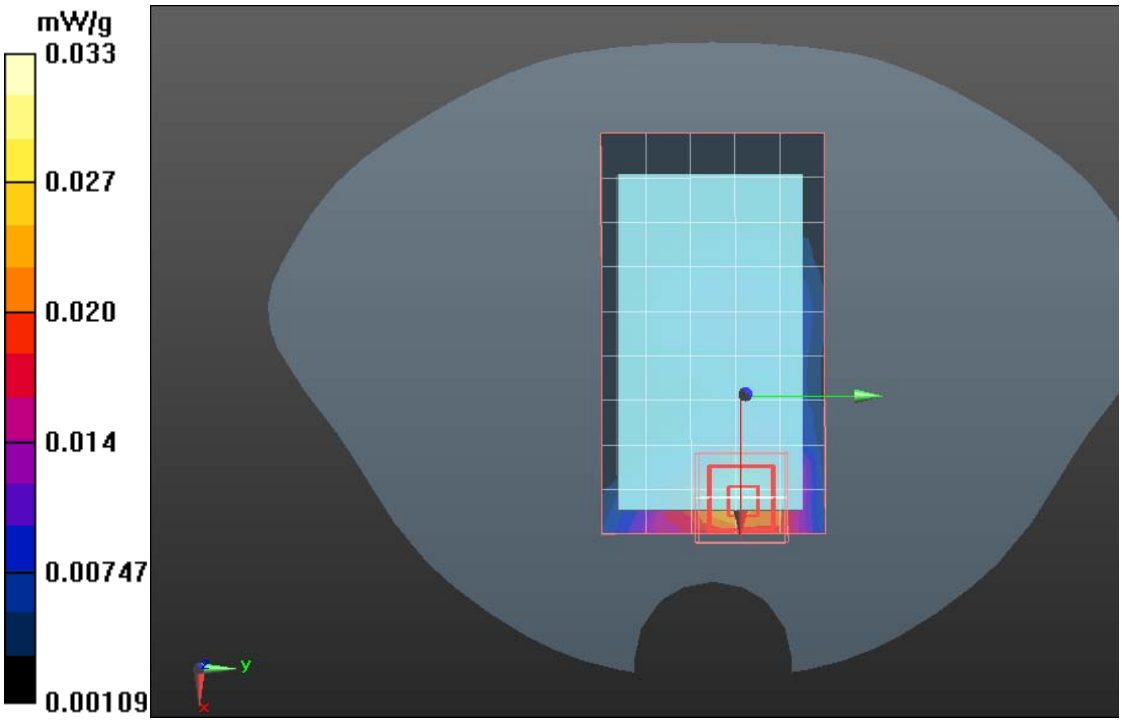
- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
  - Modulation Compensation: Not calibrated
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## GSM 850/GSM850 Body Up Middle CH189/Area Scan (6x10x1):

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

## GSM 850/GSM850 Body Up Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.033 V/m; Power Drift = -0.02 dB
g
**SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.217 mW/g**


mW/g
0.033
0.027
0.020
0.014
0.00747
0.00109
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body High CH251

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

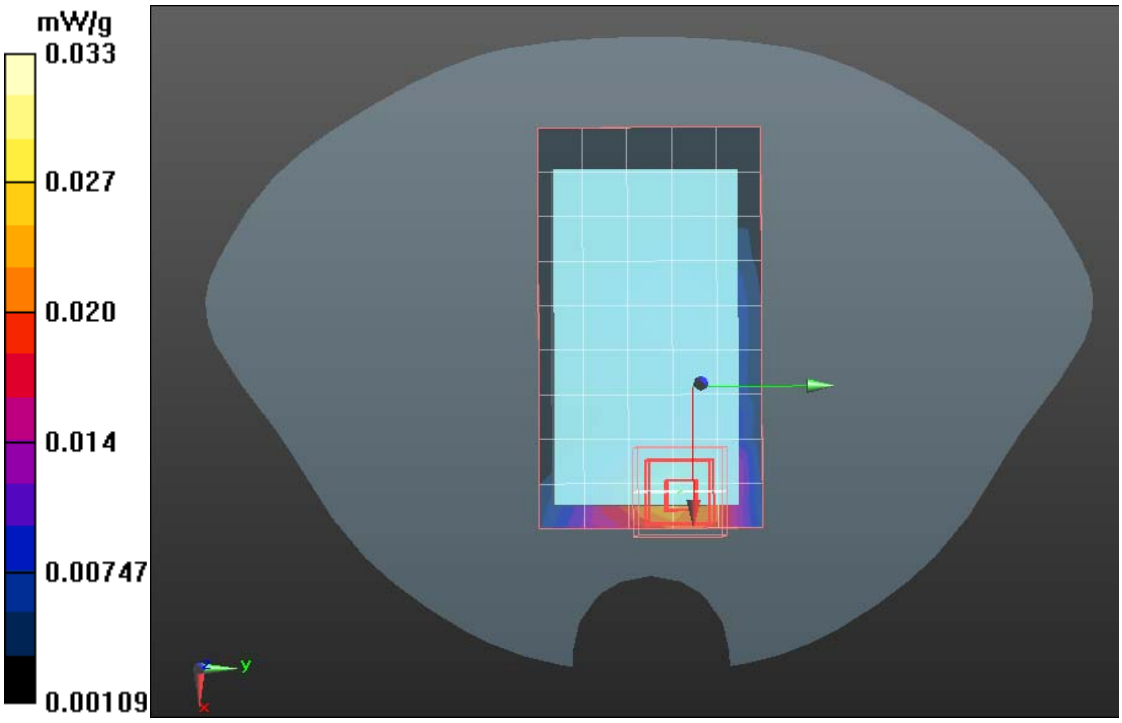
## GSM 850/GSM850 Body Up High CH251/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.148 V/m; Power Drift = -0.029 dB

**SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.215mW/g**


mW/g
0.033
0.027
0.020
0.014
0.00747
0.00109
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body Low CH189

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

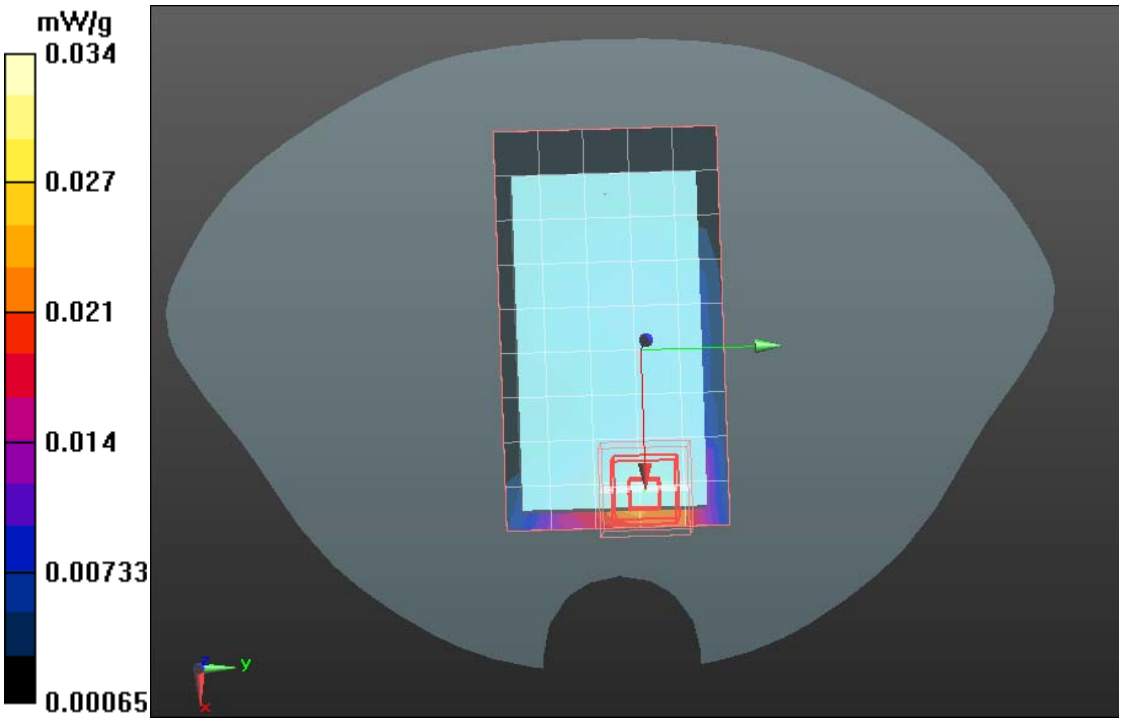
## GSM 850/GSM850 Body Down Low CH189/Area Scan (6x10x1):

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

## GSM 850/GSM850 Body Down Low CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.895 V/m; Power Drift = 0.061 dB

**SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.355 mW/g**


mW/g
0.034
0.027
0.021
0.014
0.00733
0.00065
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body Middle CH189

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

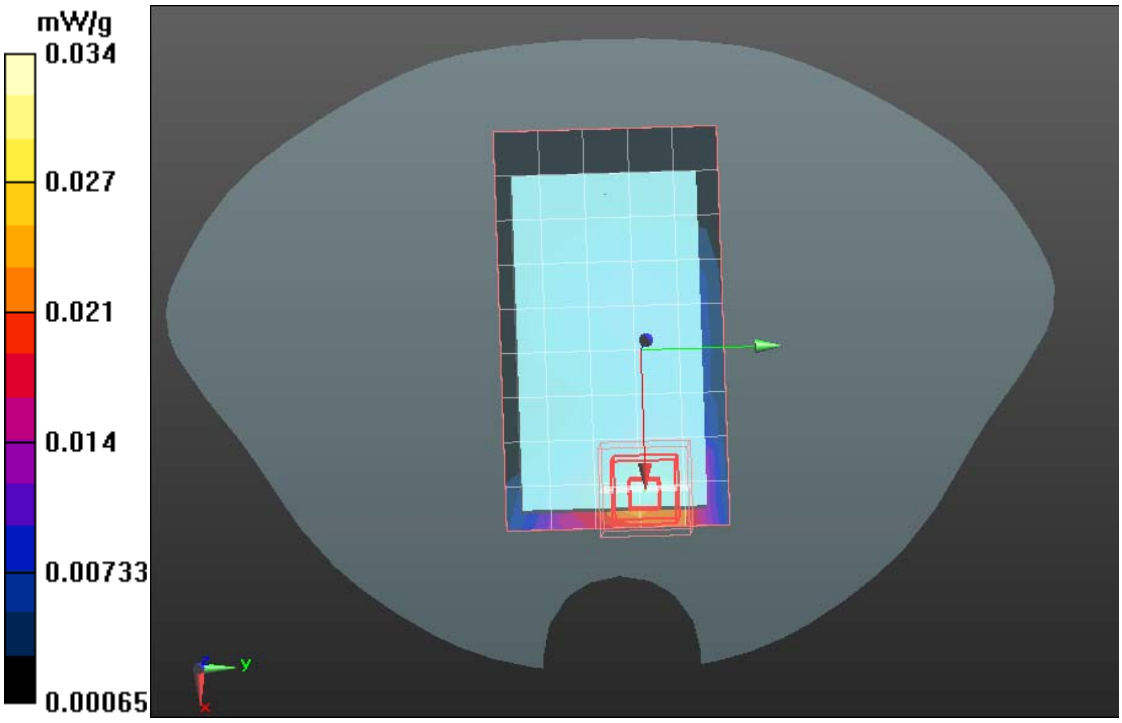
### GSM 850/GSM850 Body Down Middle CH189/Area Scan (6x10x1):

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

### GSM 850/GSM850 Body Down Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.892 V/m; Power Drift = 0.044 dB

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.365 mW/g**


mW/g
0.034
0.027
0.021
0.014
0.00733
0.00065
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Body High CH251

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

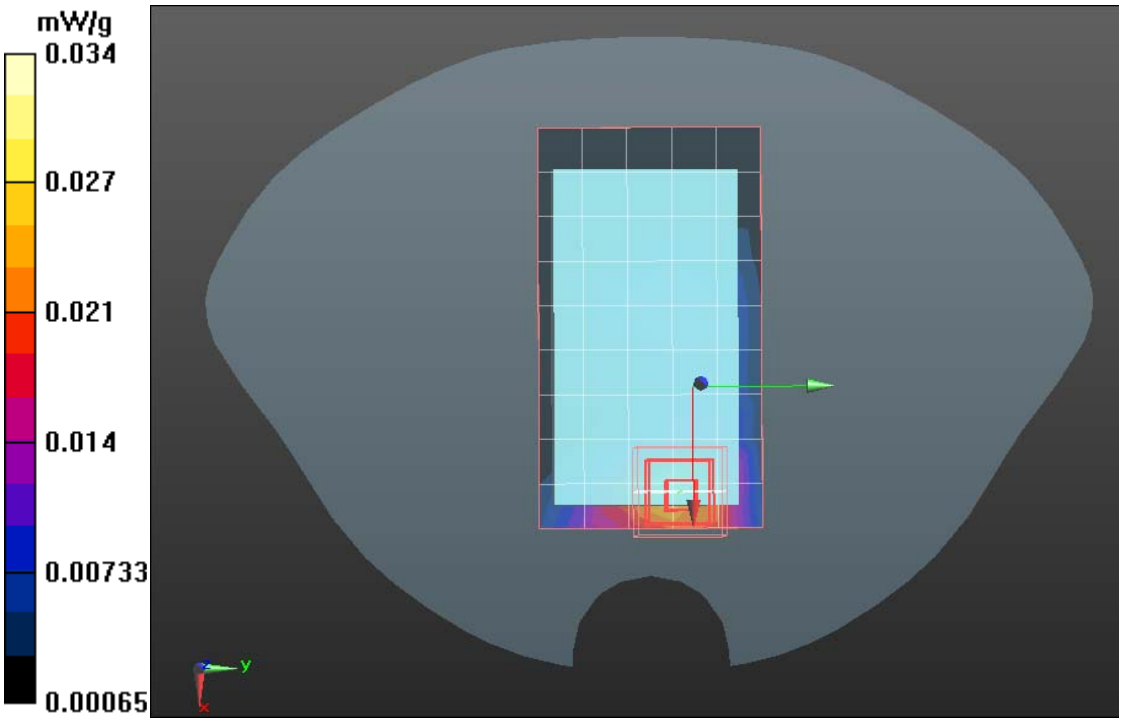
## GSM 850/GSM850 Body Down High CH251/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.794 V/m; Power Drift = 0.033 dB

**SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.375 mW/g**


mW/g
0.034
0.027
0.021
0.014
0.00733
0.00065
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/m$^3$
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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

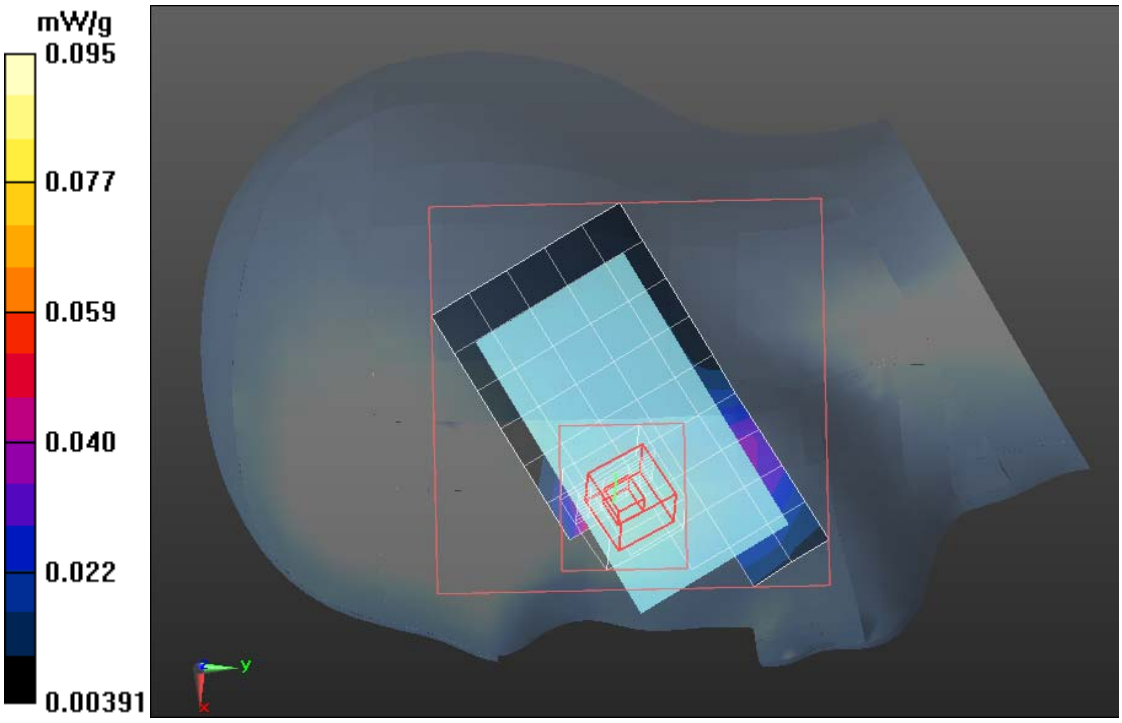
## GSM850/Right Head Cheek Low CH128/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.121 V/m; Power Drift = 0.0038 dB

**SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.454 mW/g**


mW/g
0.095
0.077
0.059
0.040
0.022
0.00391
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

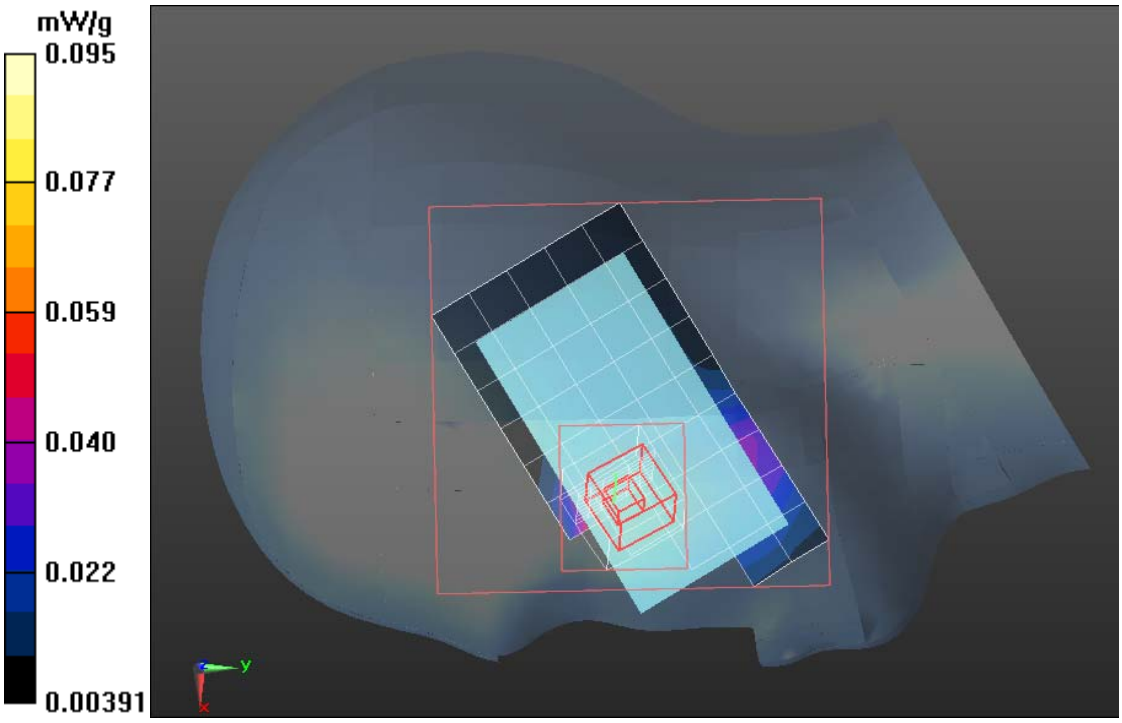
## GSM850/Right Head Cheek Middle CH189/Area Scan (6x10x1):

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

## GSM850/Right Head Cheek Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.171 V/m; Power Drift = 0.0027 dB

**SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.487 mW/g**


mW/g
0.095
0.077
0.059
0.040
0.022
0.00391
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

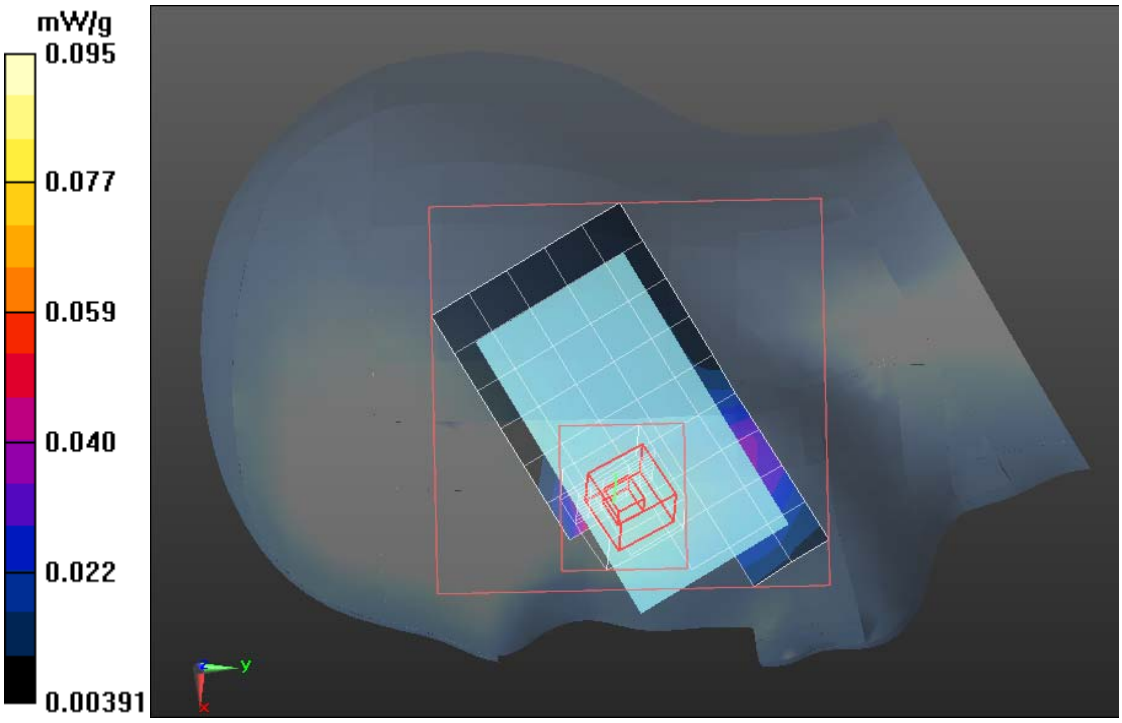
## GSM850/Right Head Cheek High CH251/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.974 V/m; Power Drift = 0.0336 dB

**SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.464 mW/g**


mW/g
0.095
0.077
0.059
0.040
0.022
0.00391
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

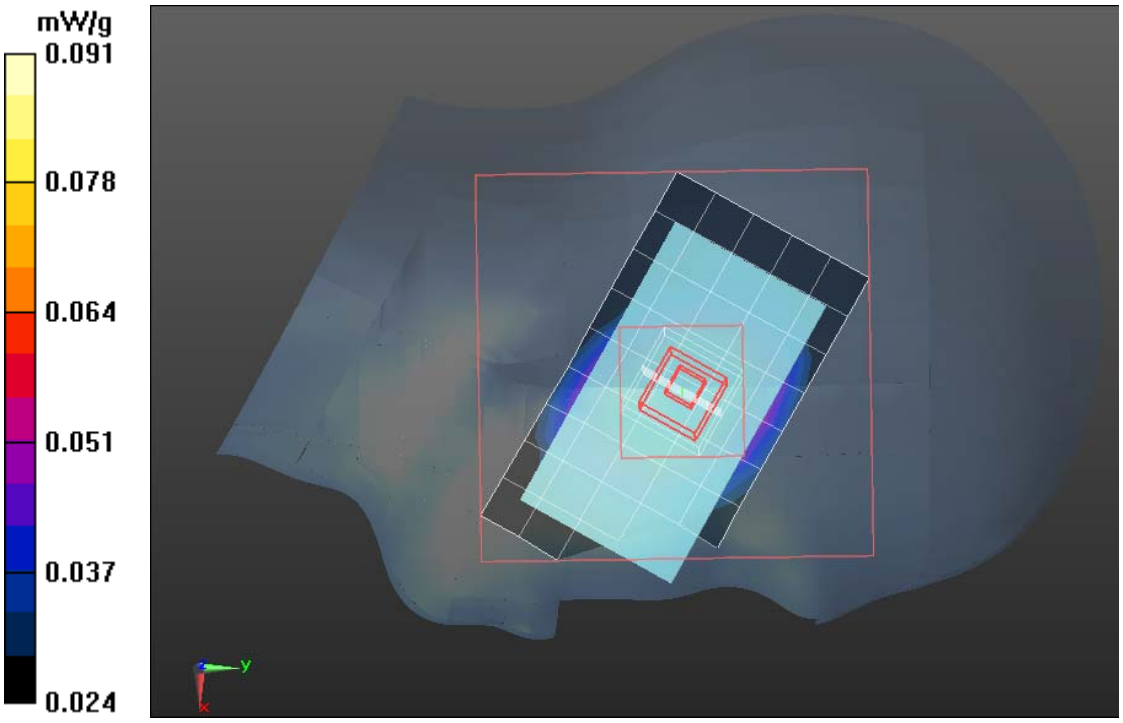
DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Cheek Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

**GSM850/Left Head Cheek Low CH128/Zoom Scan (7x7x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.997 V/m; Power Drift = -0.0023 dB

**SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.429 mW/g**


mW/g
0.091
0.078
0.064
0.051
0.037
0.024
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

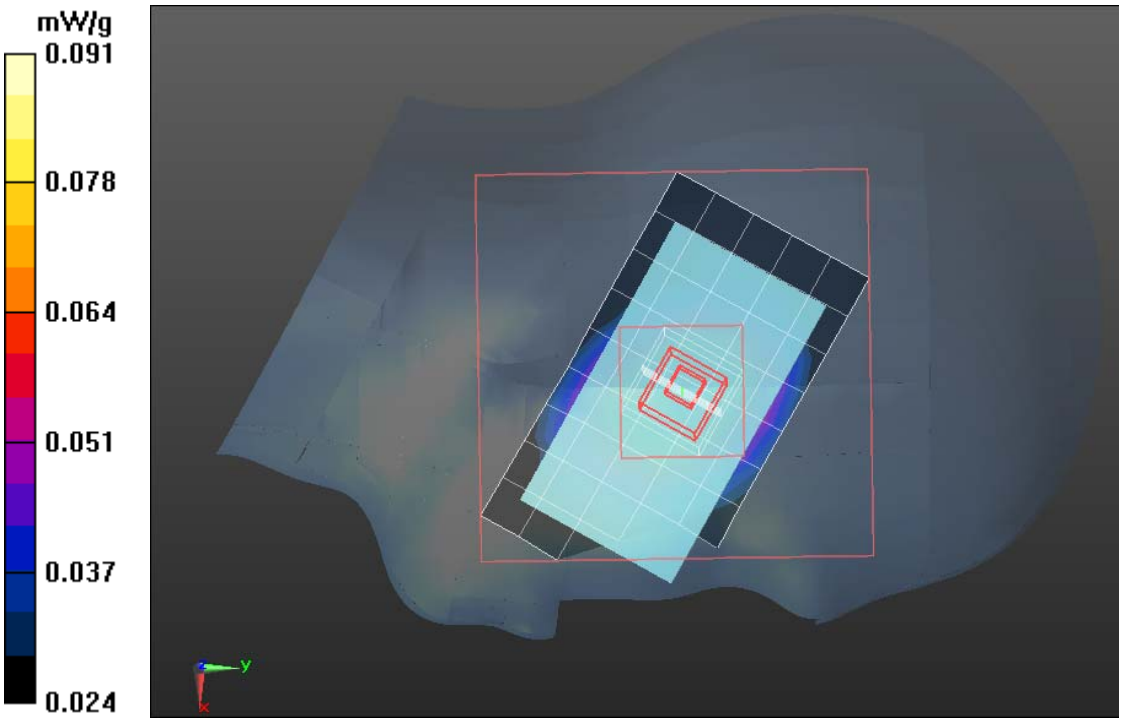
## GSM850/Left Head Cheek Middle CH189/Area Scan (6x10x1):

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

## GSM850/Left Head Cheek Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.992 V/m; Power Drift = 0.0021 dB

**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.365 mW/g**


mW/g
0.091
0.078
0.064
0.051
0.037
0.024
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

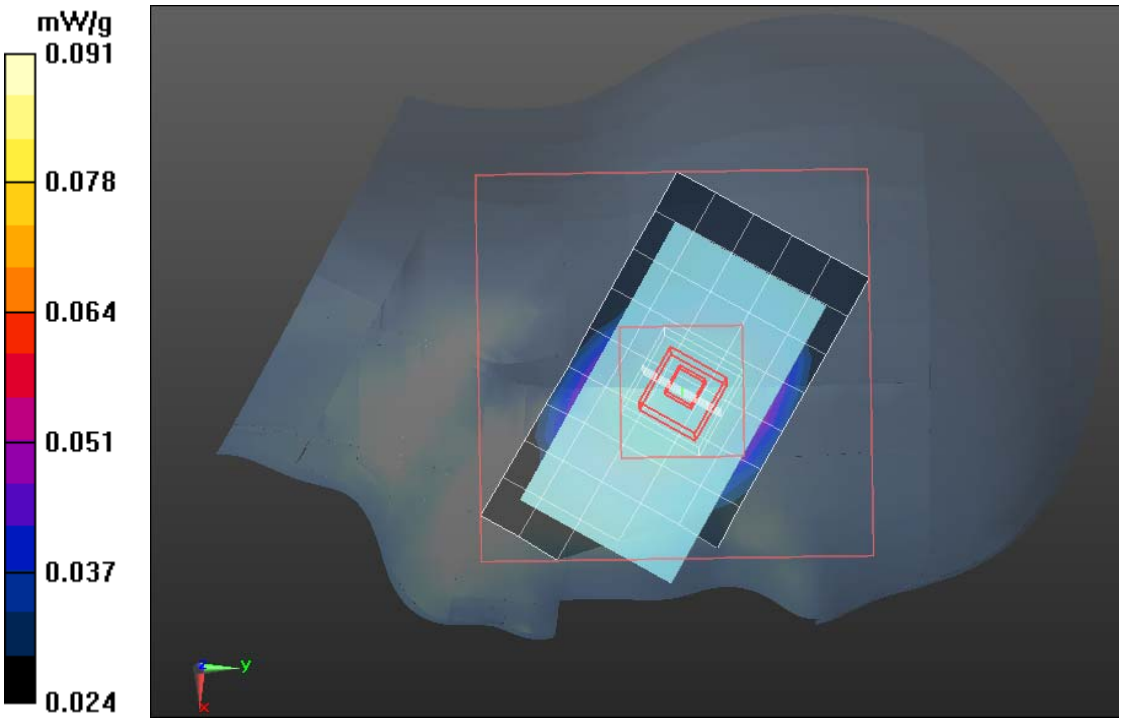
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Cheek High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

**GSM850/Left Head Cheek High CH251/Zoom Scan (7x7x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.992 V/m; Power Drift = -0.00331 dB
**SAR(1 g) = 0.554mW/g; SAR(10 g) = 0.438 mW/g**


mW/g
0.091
0.078
0.064
0.051
0.037
0.024
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

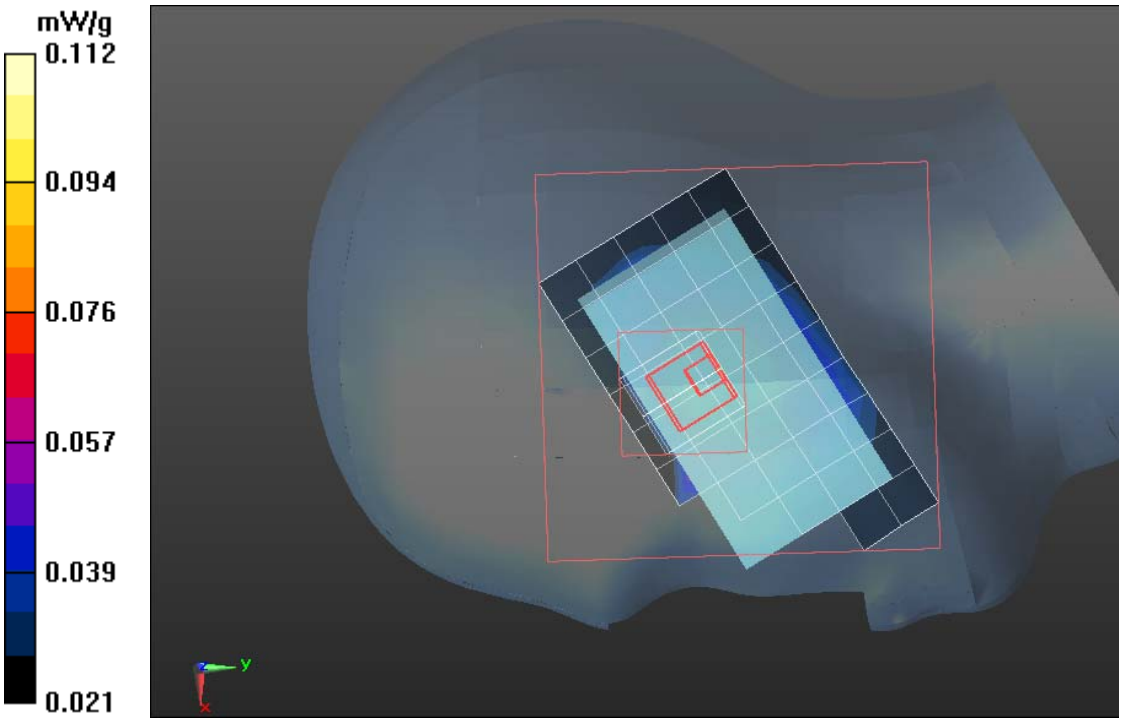
## GSM850/Right Head Tilted Low CH128/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.945 V/m; Power Drift = 0.006 dB

**SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.332 mW/g**


mW/g
0.112
0.094
0.076
0.057
0.039
0.021
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

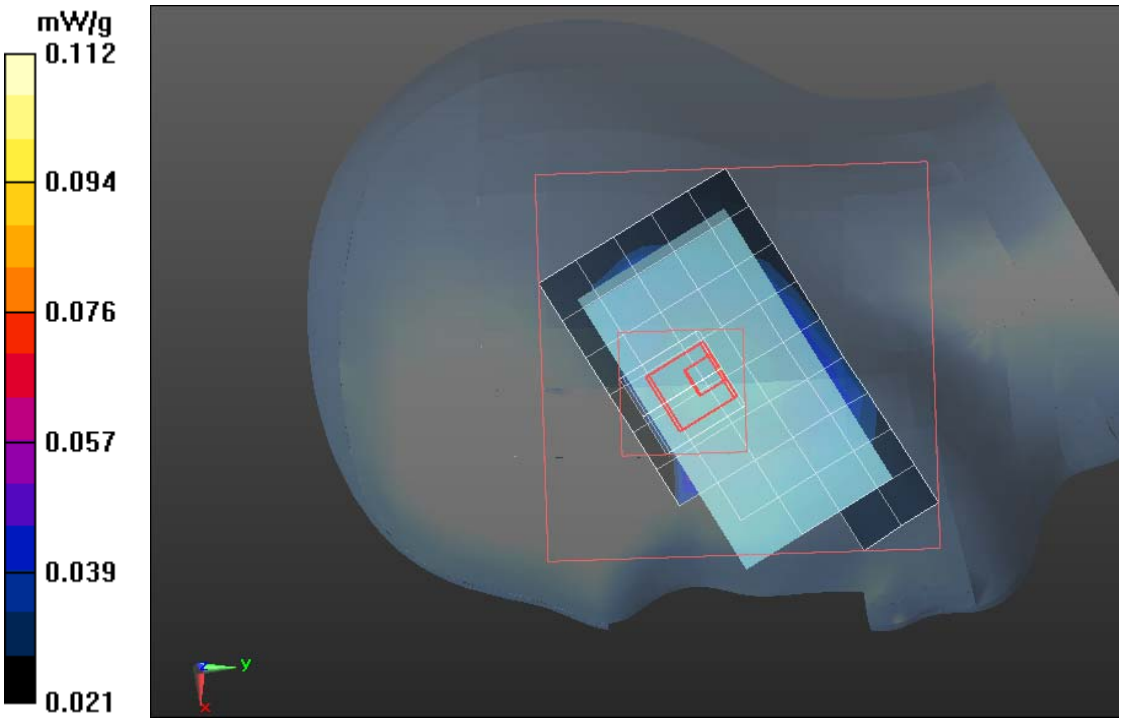
## GSM850/Right Head Tilted Middle CH189/Area Scan (6x10x1):

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

## GSM850/Right Head Tilted Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.782V/m; Power Drift = 0.004 dB

**SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.350 mW/g**


mW/g
0.112
0.094
0.076
0.057
0.039
0.021
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Right Head

**DUT: GSM Mobile Phone; Type: TZ3132; Date/Time: 05/09/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

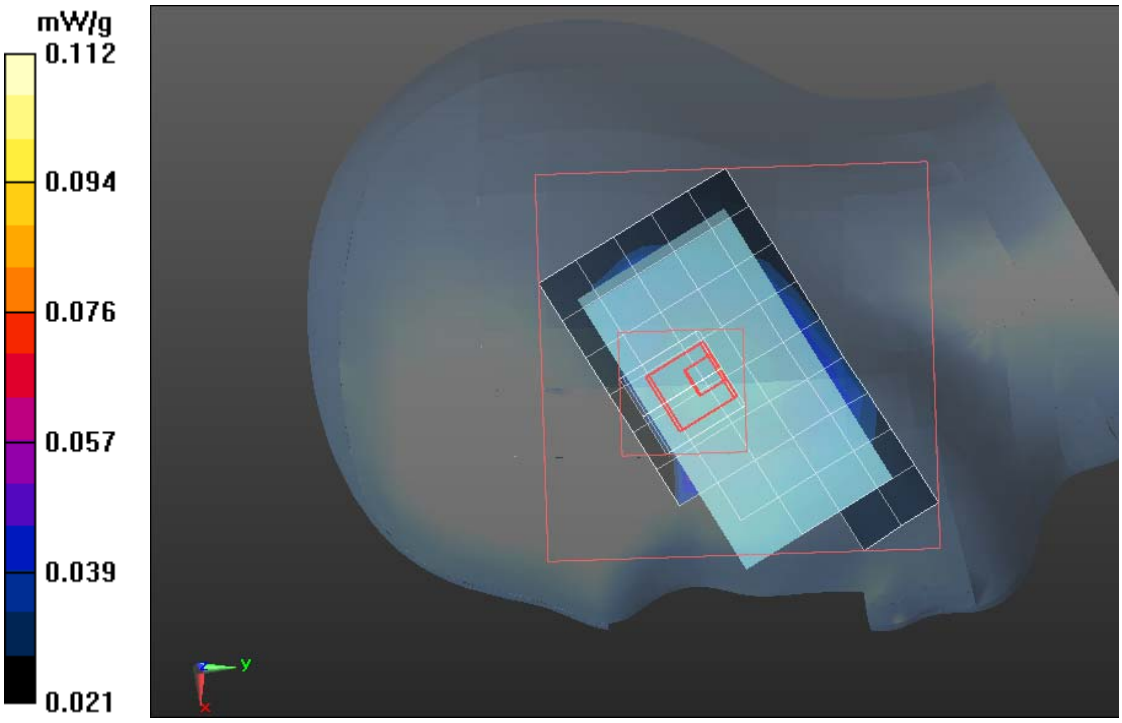
## GSM850/Right Head Tilted High CH251/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.889 V/m; Power Drift = -0.065 dB

**SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.366 mW/g**


mW/g
0.112
0.094
0.076
0.057
0.039
0.021
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

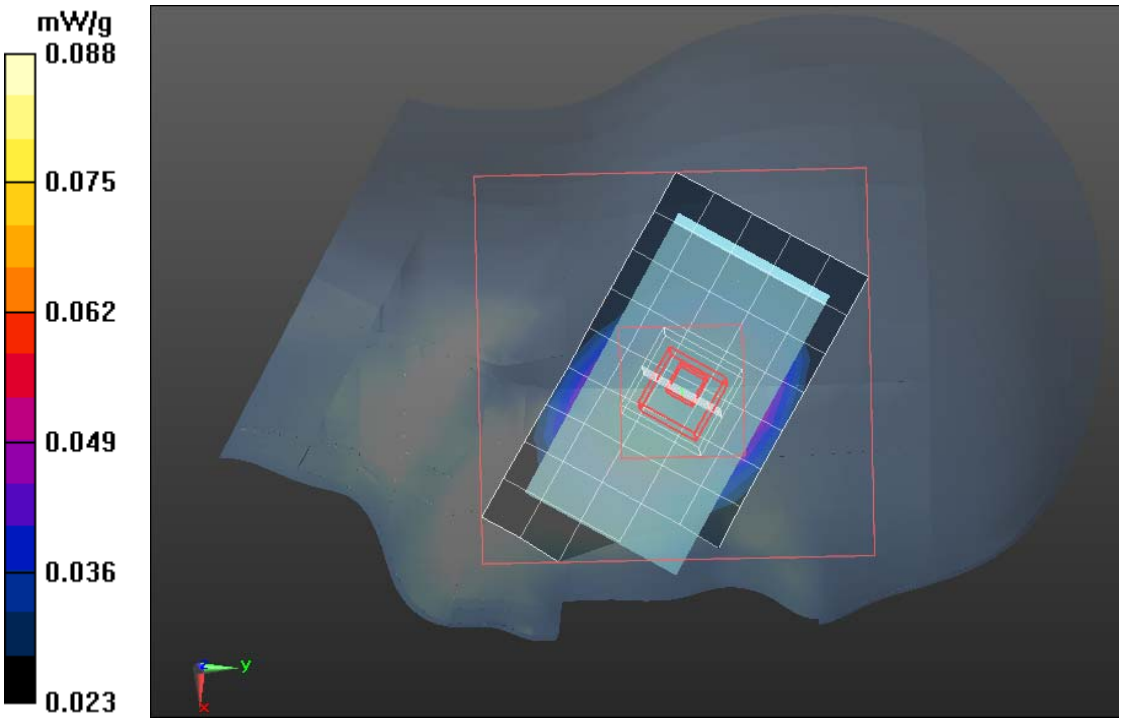
DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Tilted Low CH128/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

**GSM850/Left Head Tilted Low CH128/Zoom Scan (7x7x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.374 V/m; Power Drift = -0.0023 dB

**SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.253 mW/g**


mW/g
0.088
0.075
0.062
0.049
0.036
0.023
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

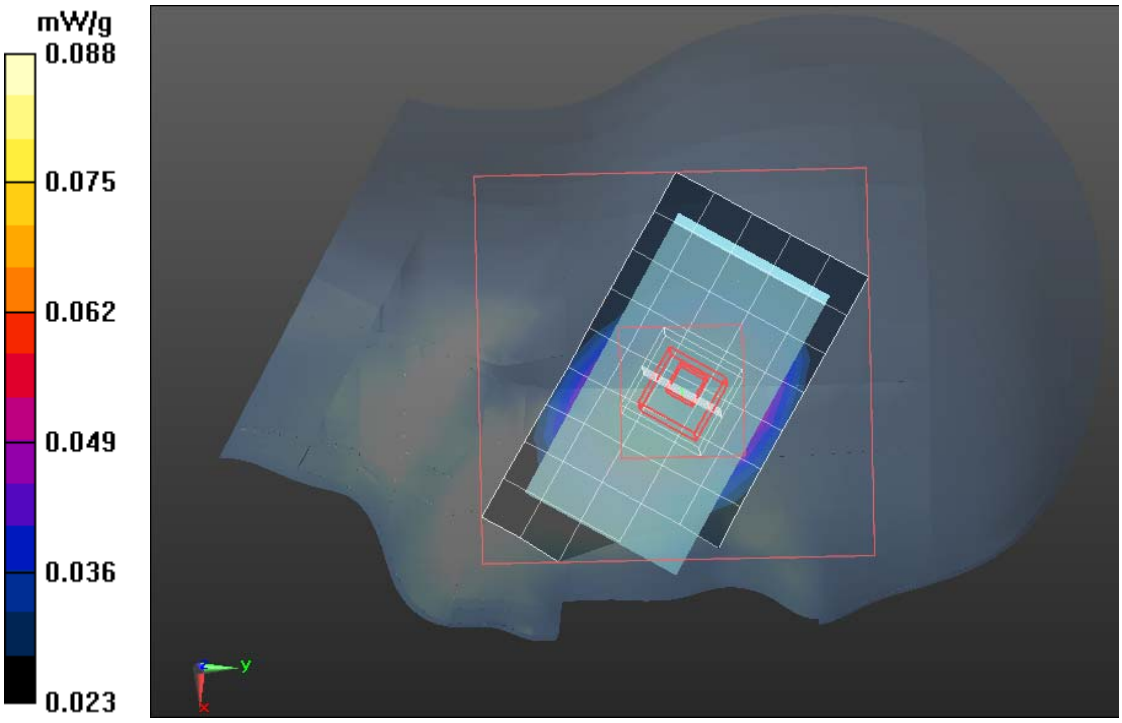
## GSM850/Left Head Tilted Middle CH189/Area Scan (6x10x1):

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

## GSM850/Left Head Tilted Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.337 V/m; Power Drift = -0.027 dB

**SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.348 mW/g**


mW/g
0.088
0.075
0.062
0.049
0.036
0.023
y

Test Laboratory: Compliance Certification Services Inc.

## GSM 850-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

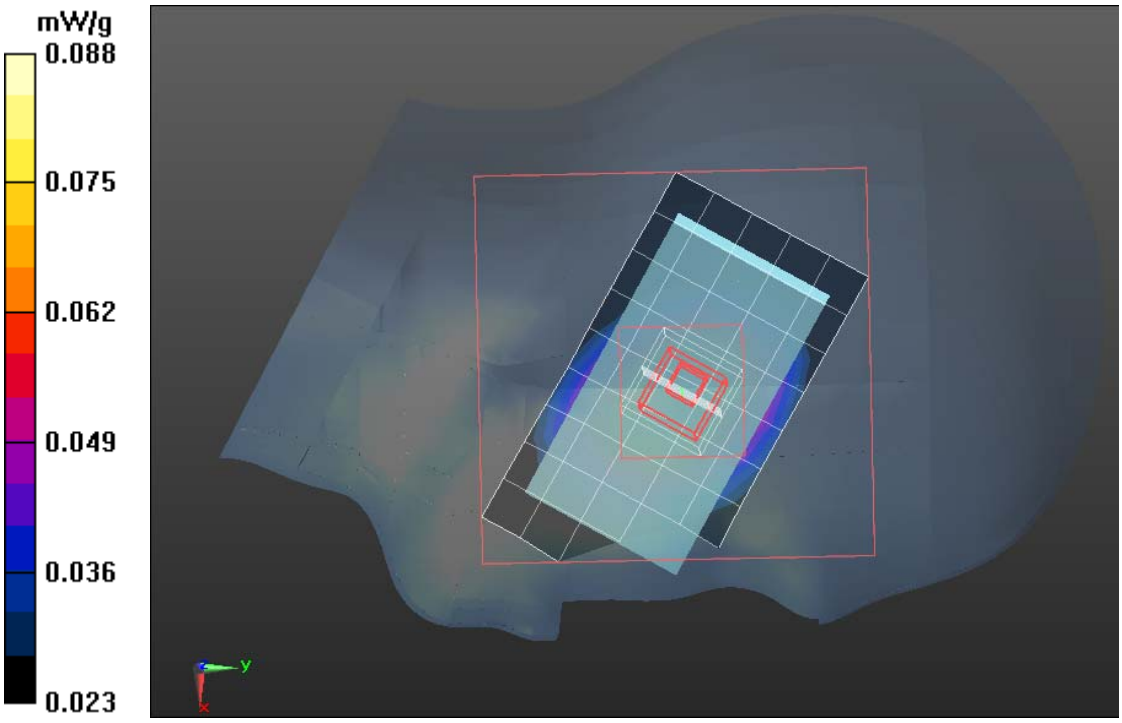
Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.89 mho/m; $\varepsilon_r$ = 41.478; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**GSM850/Left Head Tilted High CH251/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

**GSM850/Left Head Tilted High CH251/Zoom Scan (7x7x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.251V/m; Power Drift = -0.0011 dB
**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.369 mW/g**


mW/g
0.088
0.075
0.062
0.049
0.036
0.023
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 850-Body Low CH128

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

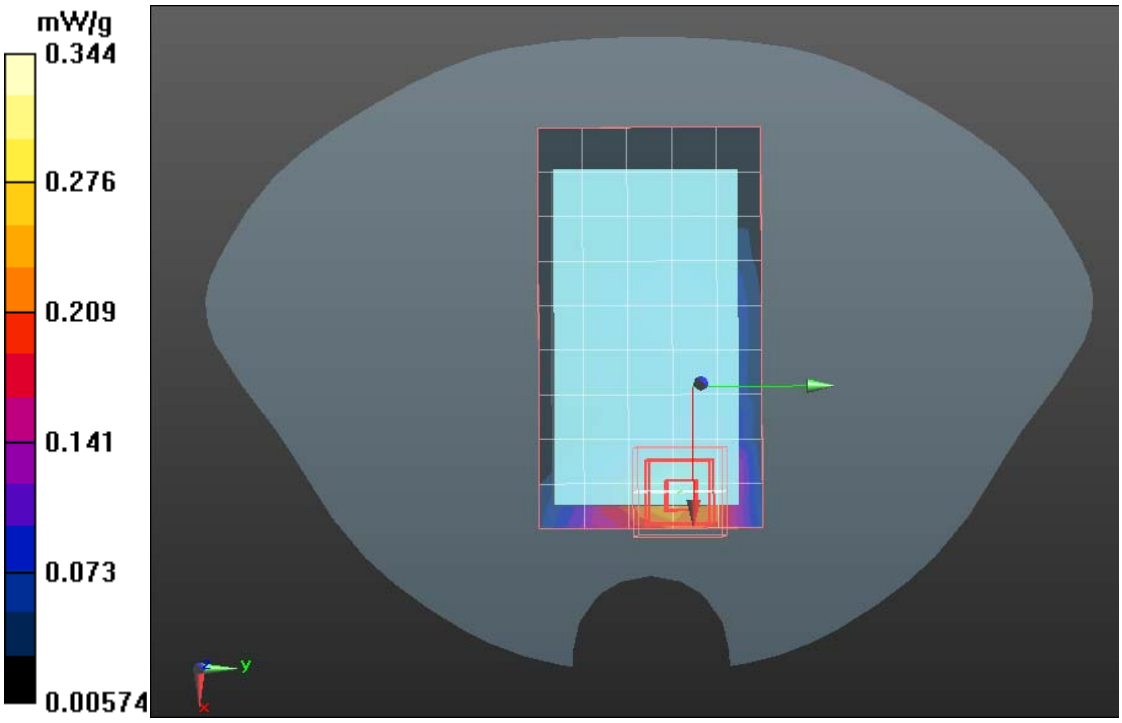
## GPRS 850/GPRS850 Body Up Low CH128/Area Scan (6x10x1):

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

## GPRS 850/GPRS850 Body Up Low CH128/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.815 V/m; Power Drift = -0.1dB

**SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.304 mW/g**


mW/g
0.344
0.276
0.209
0.141
0.073
0.00574
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 850-Body Middle CH189

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

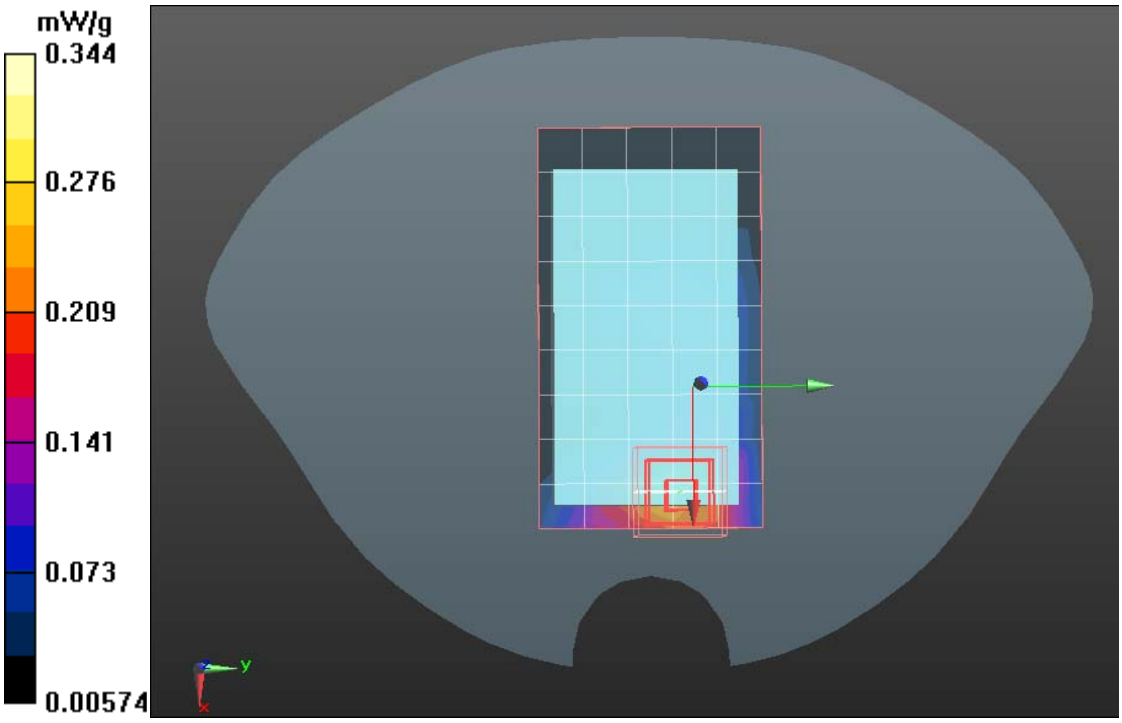
## GPRS 850/GPRS850 Body Up Middle CH189/Area Scan (6x10x1):

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

## GPRS 850/GPRS850 Body Up Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.677 V/m; Power Drift = -0.021 dB

**SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.305 mW/g**


mW/g
0.344
0.276
0.209
0.141
0.073
0.00574
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 850-Body High CH251

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

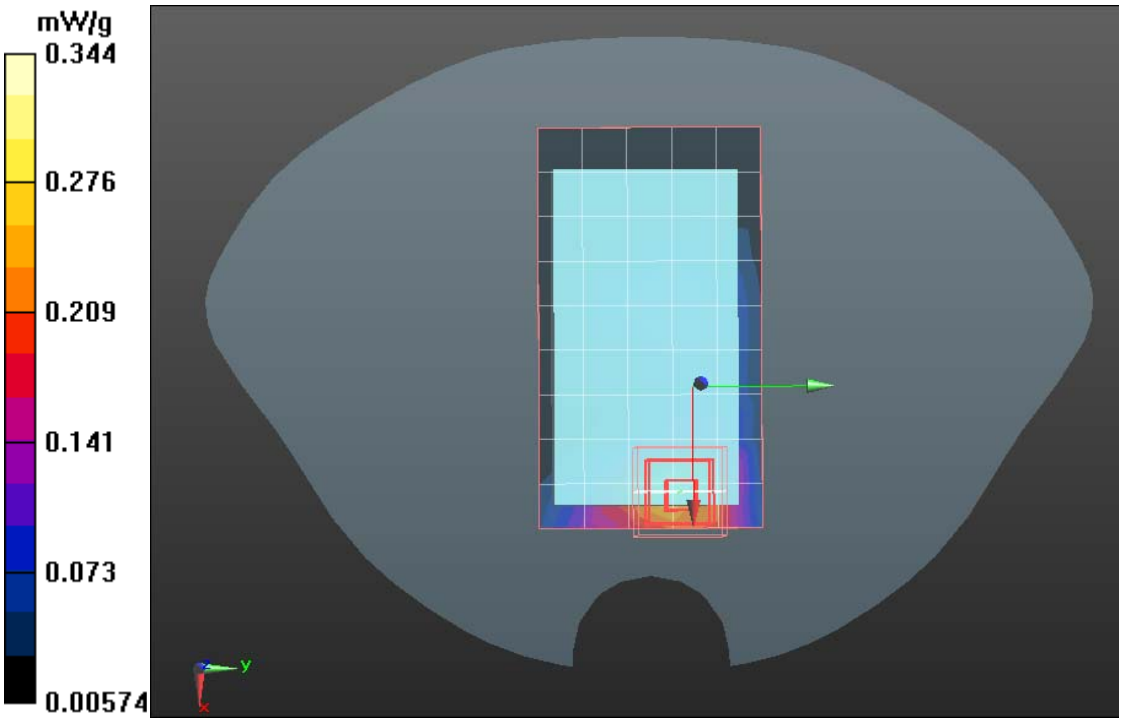
## GPRS 850/GPRS850 Body Up High CH251/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.674V/m; Power Drift = -0.05dB

**SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.314 mW/g**


mW/g
0.344
0.276
0.209
0.141
0.073
0.00574
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 850-Body Low CH128

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

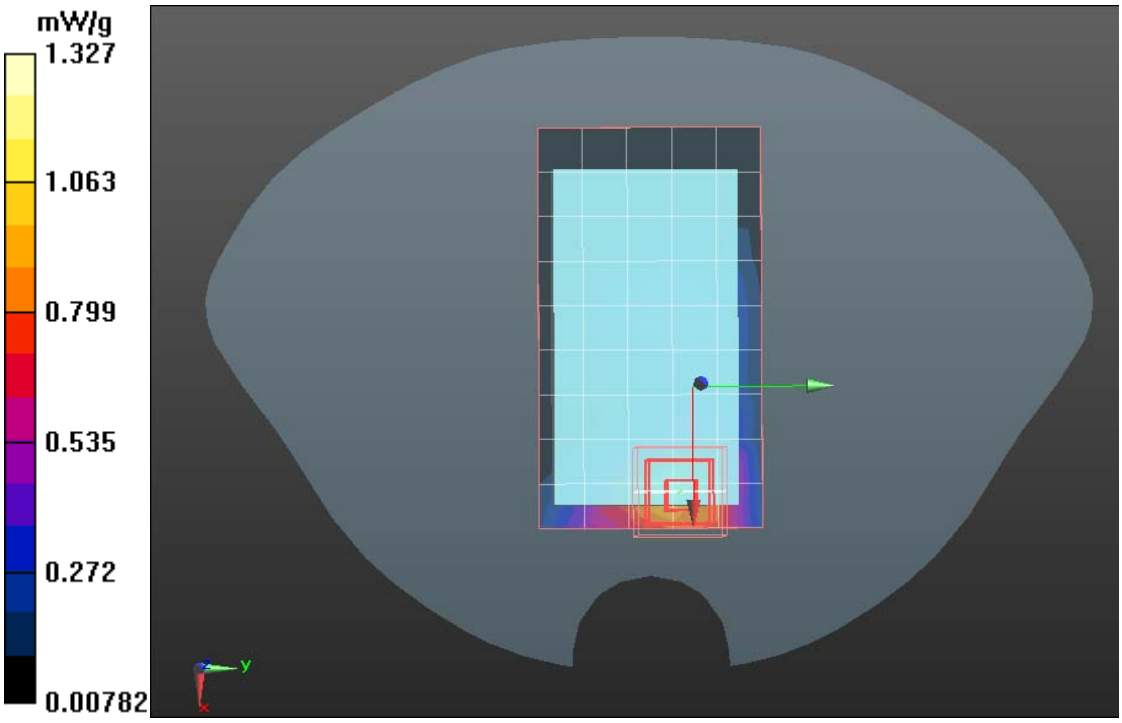
## GPRS 850/GPRS850 Body Down Low CH128/Area Scan (6x10x1):

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

## GPRS 850/GPRS850 Body Down Low CH128/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.864 V/m; Power Drift = -0.006 dB

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.363 mW/g**


mW/g
1.327
1.063
0.799
0.535
0.272
0.00782
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 850-Body Middle CH189

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 836.6 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

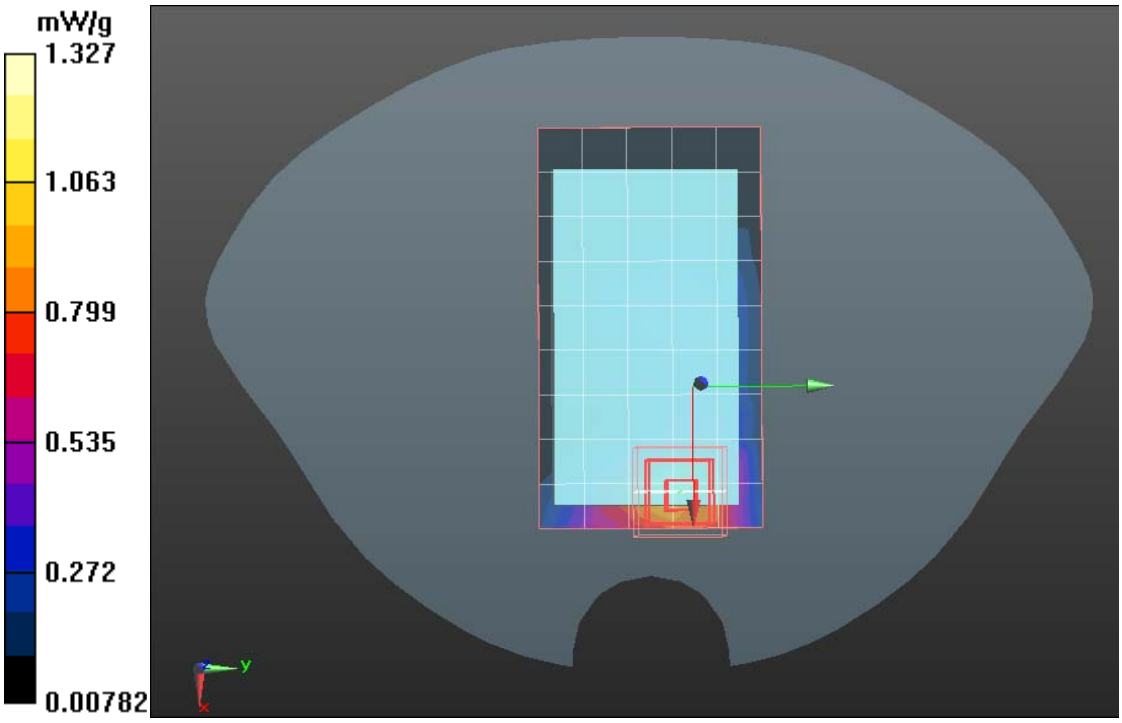
## GPRS 850/GPRS850 Body Down Middle CH189/Area Scan (6x10x1):

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

## GPRS 850/GPRS850 Body Down Middle CH189/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.614 V/m; Power Drift = -0.01 dB

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.366 mW/g**


mW/g
1.327
1.063
0.799
0.535
0.272
0.00782
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 850-Body High CH251

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used (interpolated): f = 848.8 MHz; $\sigma$ = 0.96 mho/m; $\varepsilon_r$ = 55.858; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

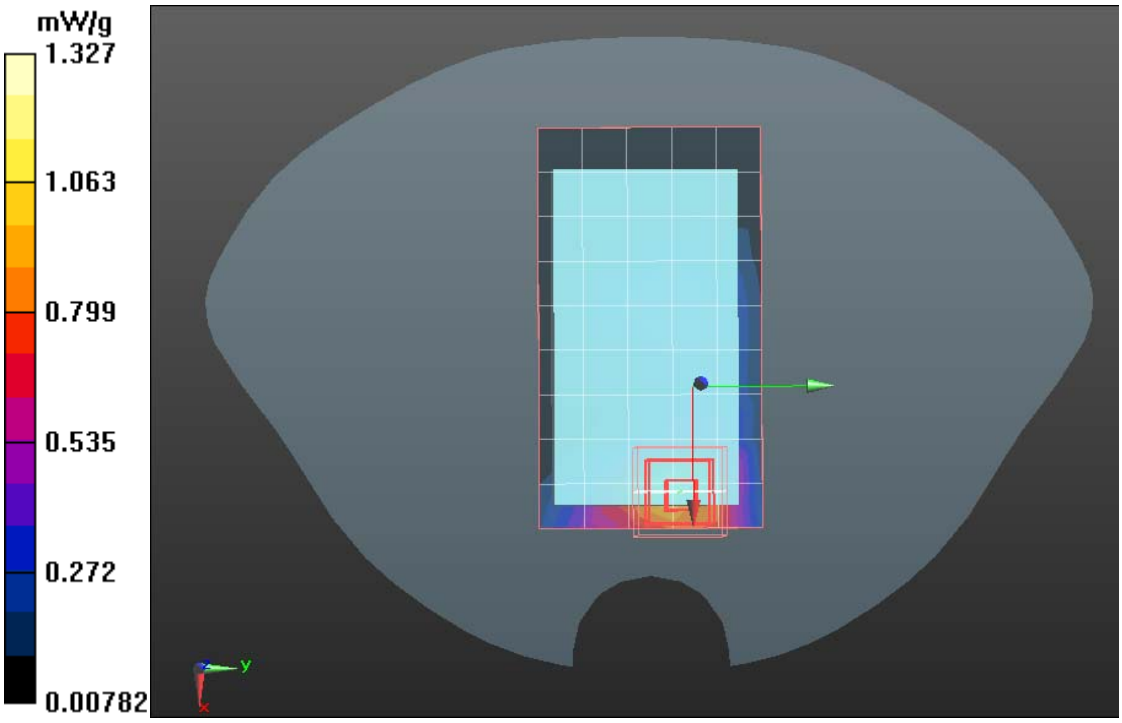
## GPRS 850/GPRS850 Body Down High CH251/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value =8.355 V/m; Power Drift = -0.002 dB

**SAR(1 g) = 0.455mW/g; SAR(10 g) = 0.361mW/g**


mW/g
1.327
1.063
0.799
0.535
0.272
0.00782
y

Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body Low CH512

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

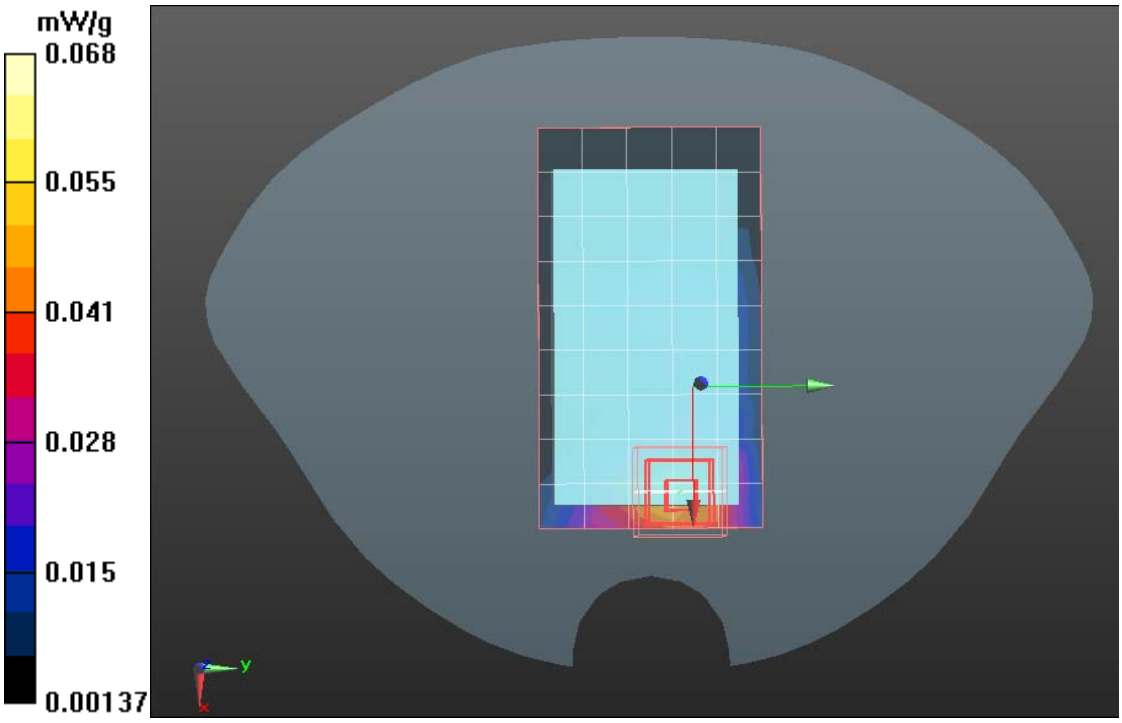
## PCS1900/ PCS1900 Body Up Low CH512/Area Scan (6x10x1):

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

## PCS1900/ PCS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.117V/m; Power Drift = -0.0118 dB

**SAR(1 g) = 0.403 mW/g; SAR(10 g) = 0.302 mW/g**


mW/g
0.068
0.055
0.041
0.028
0.015
0.00137
y

Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body Middle CH661

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

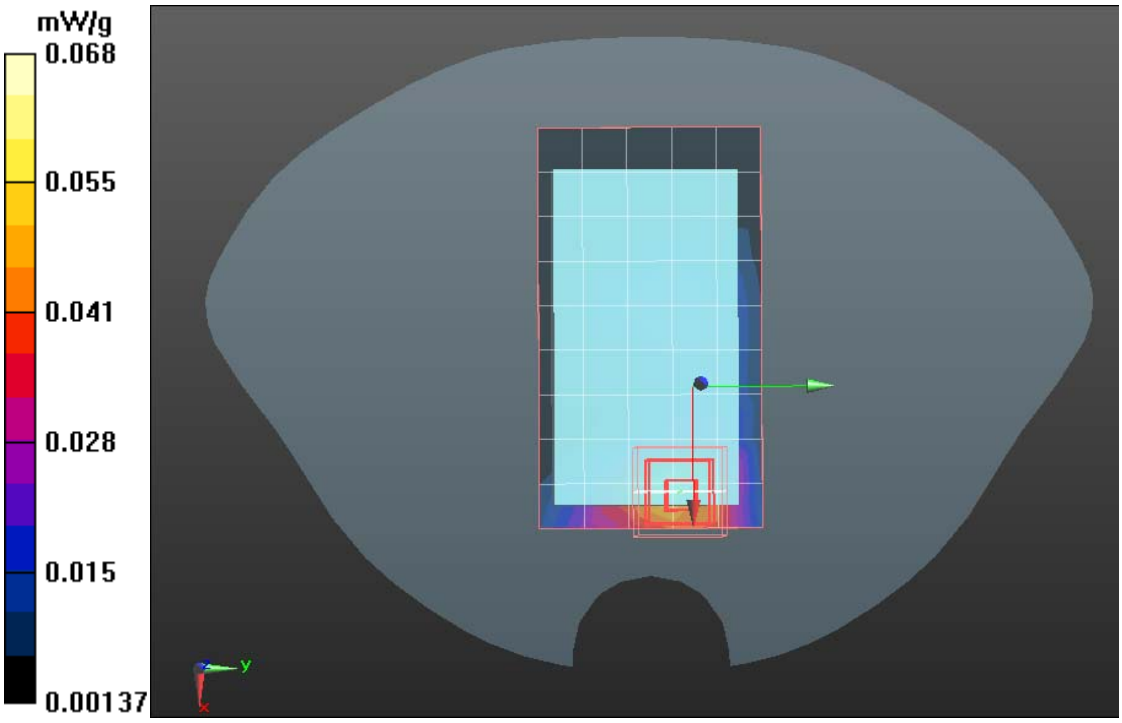
## PCS1900/ PCS1900 Body Up Middle CH661/Area Scan (6x10x1):

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

## PCS1900/ PCS1900 Body Up Middle CH661/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.108 V/m; Power Drift = 0.0008 dB

**SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.291 mW/g**


mW/g
0.068
0.055
0.041
0.028
0.015
0.00137
y

Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body High CH810

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1809.8 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

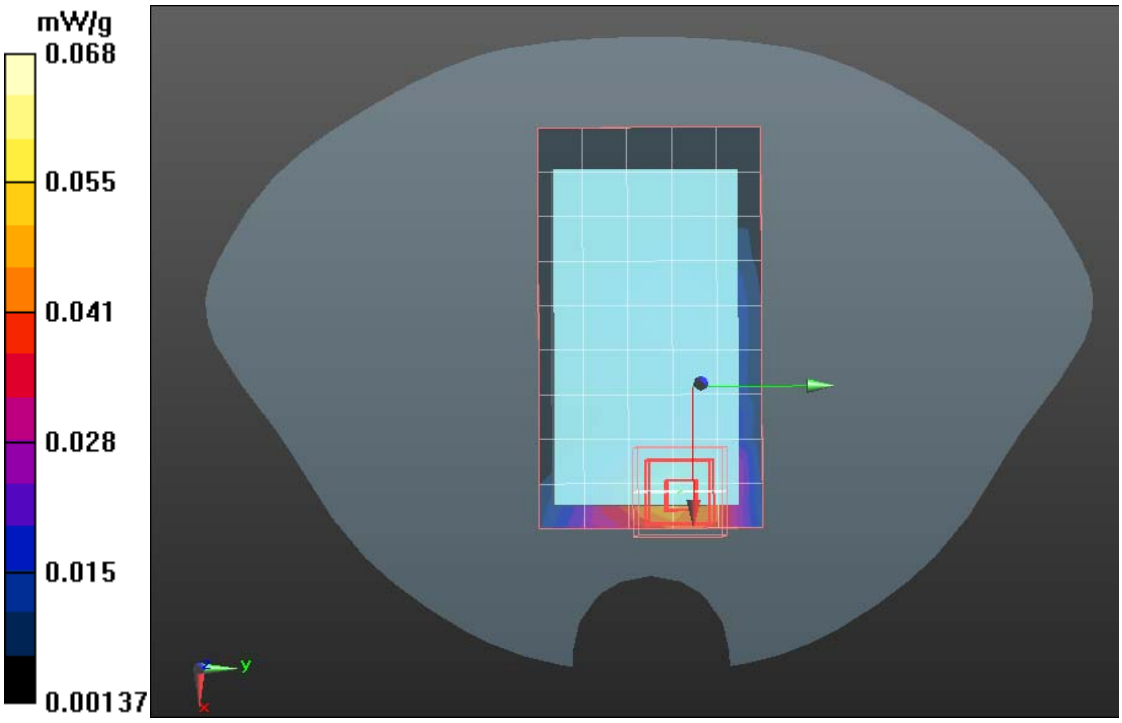
### PCS1900/ PCS1900 Body Up High CH810/Area Scan (6x10x1):

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

### PCS1900/ PCS1900 Body Up High CH810/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.122 V/m; Power Drift = 0.089 dB

**SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.301 mW/g**


mW/g
0.068
0.055
0.041
0.028
0.015
0.00137
y

Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body Low CH512

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

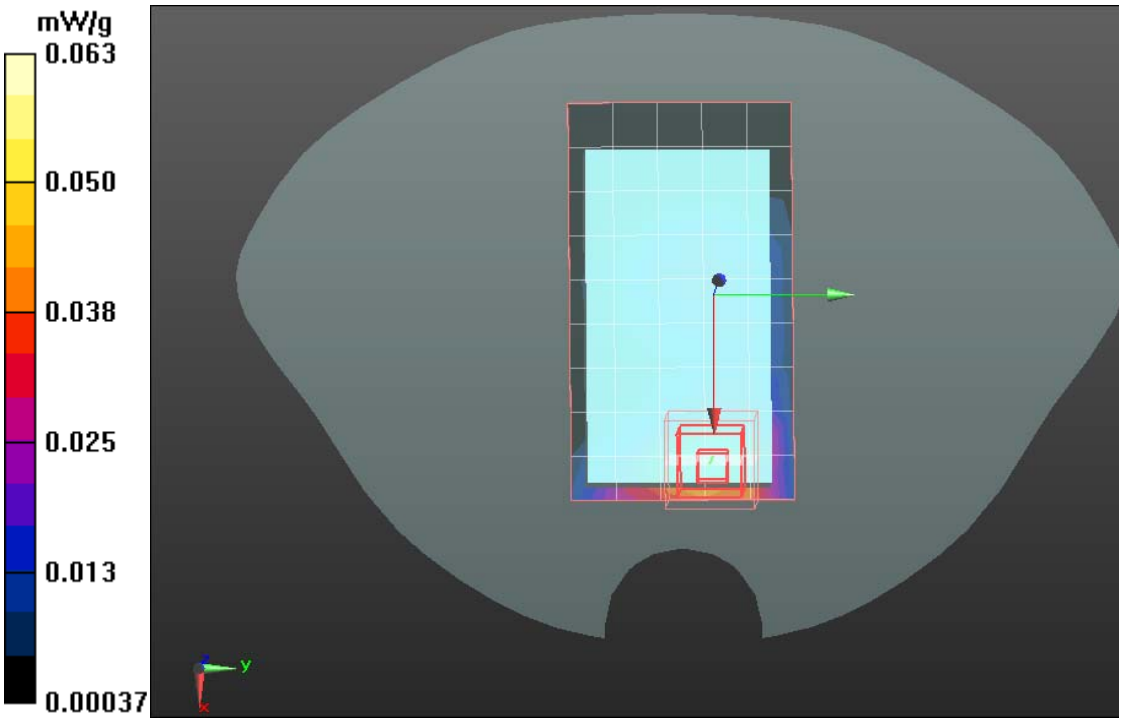
## PCS1900/PCS1900 Body Down Low CH512/Area Scan (6x10x1):

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

## PCS1900/PCS1900 Body Down Low CH512/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.631 V/m; Power Drift = -0.0015 dB

**SAR(1 g) = 0.459 mW/g; SAR(10 g) = 0.345 mW/g**


mW/g
0.063
0.050
0.038
0.025
0.013
0.00037
y

Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body Middle CH661

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

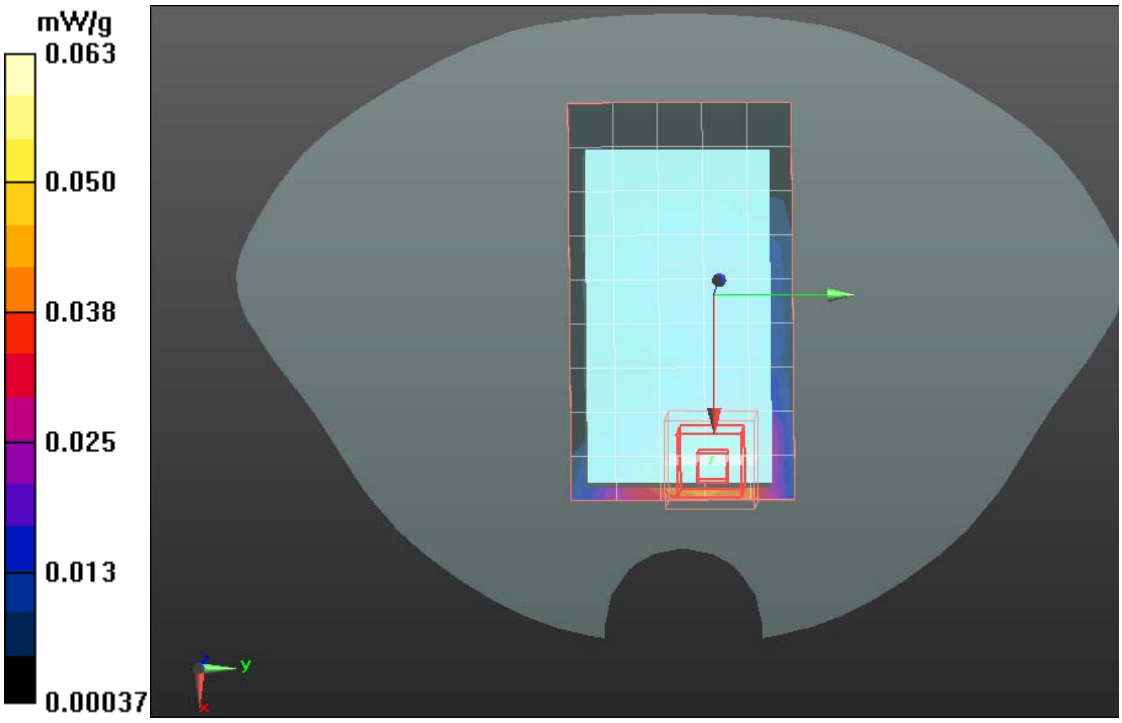
## PCS1900/PCS1900 Body Down Middle CH661/Area Scan (6x10x1):

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

## PCS1900/PCS1900 Body Down Middle CH661/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.768 V/m; Power Drift = -0.0031 dB

**SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.331 mW/g**


mW/g
0.063
0.050
0.038
0.025
0.013
0.00037
y

Test Laboratory: Compliance Certification Services Inc.

## PCS1900-Body High CH810

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

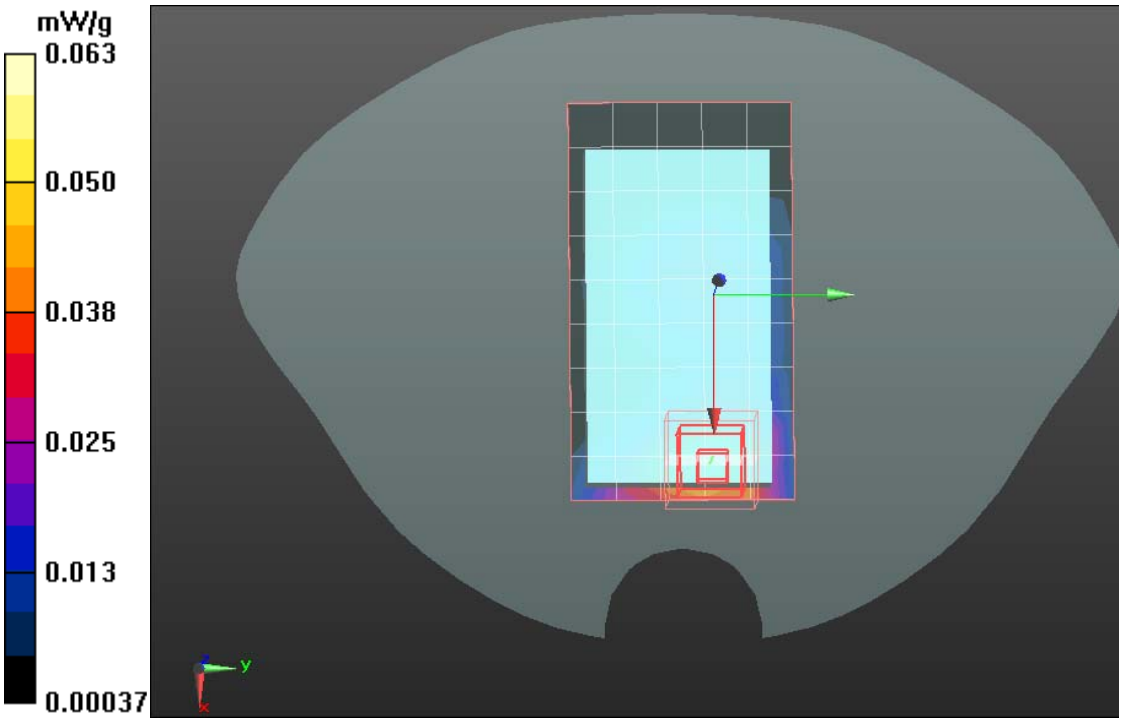
## PCS1900/PCS1900 Body Down High CH810/Area Scan (6x10x1):

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

## PCS1900/PCS1900 Body Down High CH810/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.668 V/m; Power Drift = -0.21 dB

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.353 mW/g**


mW/g
0.063
0.050
0.038
0.025
0.013
0.00037
y

Test Laboratory: Compliance Certification Services Inc.

## PCS-1900-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

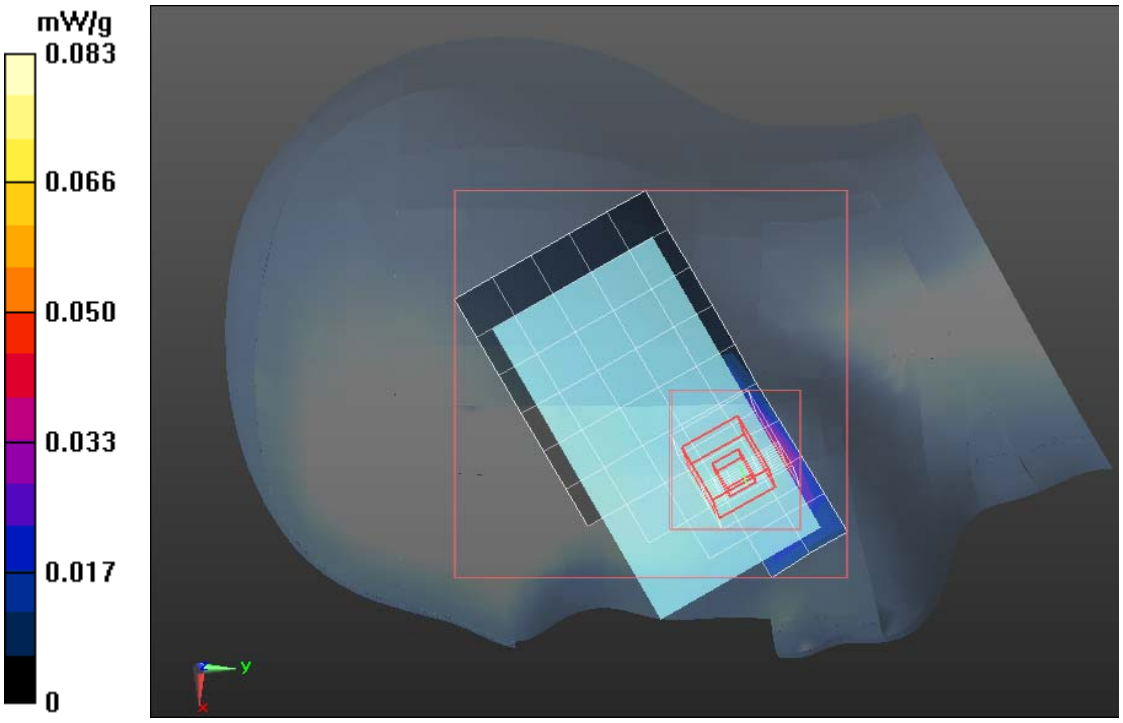
## PCS1900/Right Head Cheek Low CH512/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.233 V/m; Power Drift = -0.005 dB

**SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.427 mW/g**


mW/g
0.083
0.066
0.050
0.033
0.017
0
y

Test Laboratory: Compliance Certification Services Inc.

## PCS-1900-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

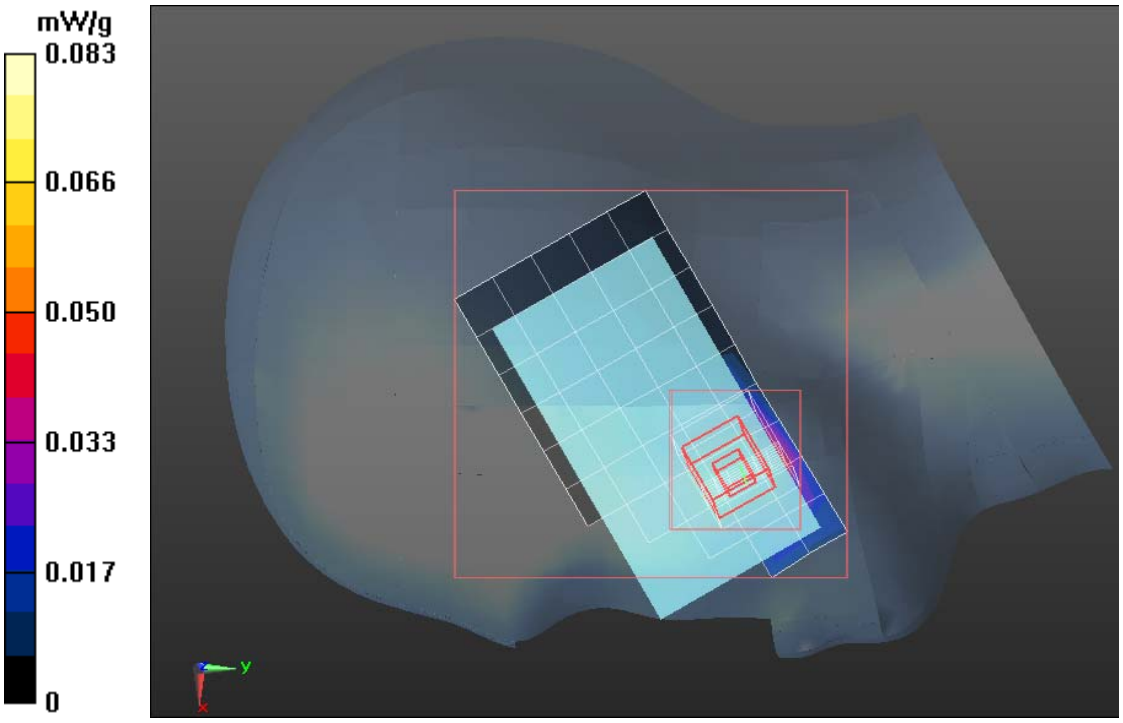
## PCS1900/Right Head Cheek Middle CH661/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.333 V/m; Power Drift = 0.0063 dB

**SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.438 mW/g**


mW/g
0.083
0.066
0.050
0.033
0.017
0
y

Test Laboratory: Compliance Certification Services Inc.

## PCS-1900-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

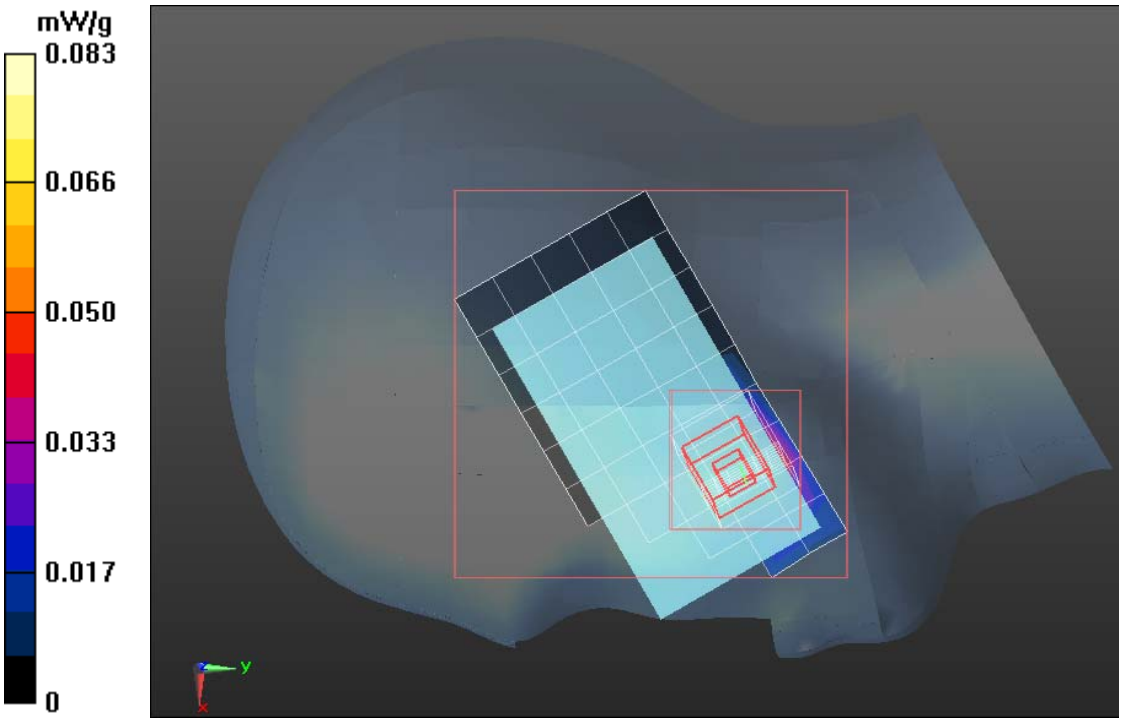
## PCS1900/Right Head Cheek High CH810/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.211 V/m; Power Drift = -0.001 dB

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.421 mW/g**


mW/g
0.083
0.066
0.050
0.033
0.017
0
y

Test Laboratory: Compliance Certification Services Inc.

## PCS 1900-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

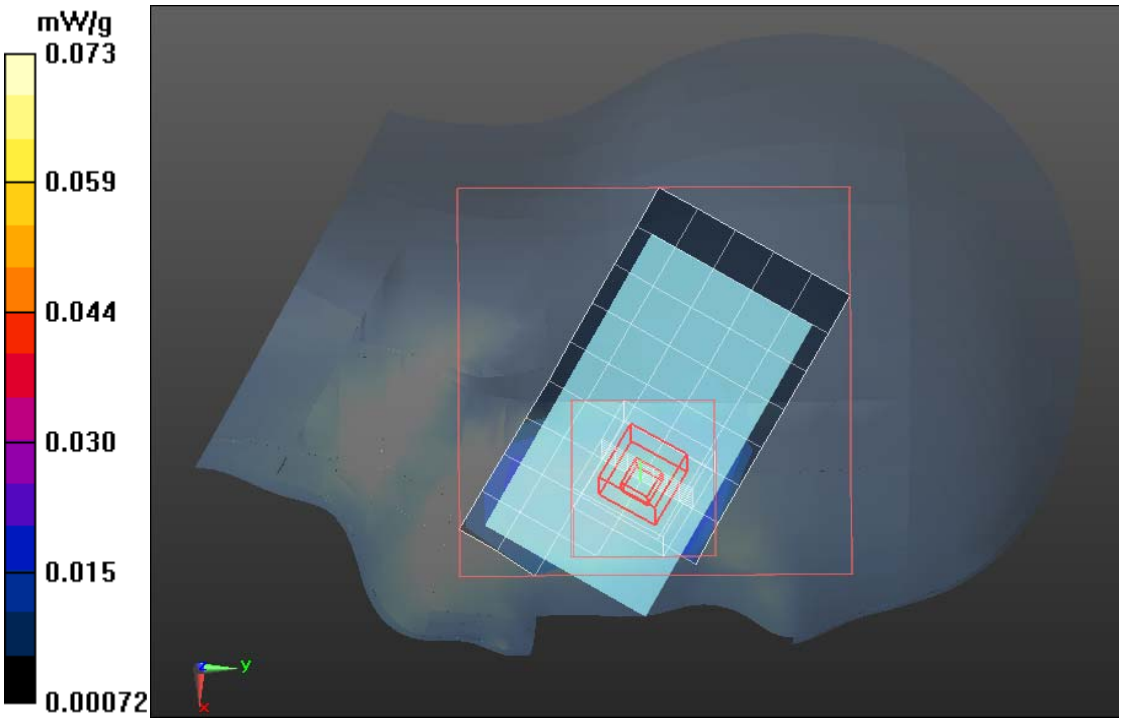
DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Cheek Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

**PCS1900/Left Head Cheek Low CH512/Zoom Scan (8x8x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.583 V/m; Power Drift = -0.0022dB

**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.437 mW/g**


mW/g
0.073
0.059
0.044
0.030
0.015
0.00072
y

Test Laboratory: Compliance Certification Services Inc.

## PCS 1900-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

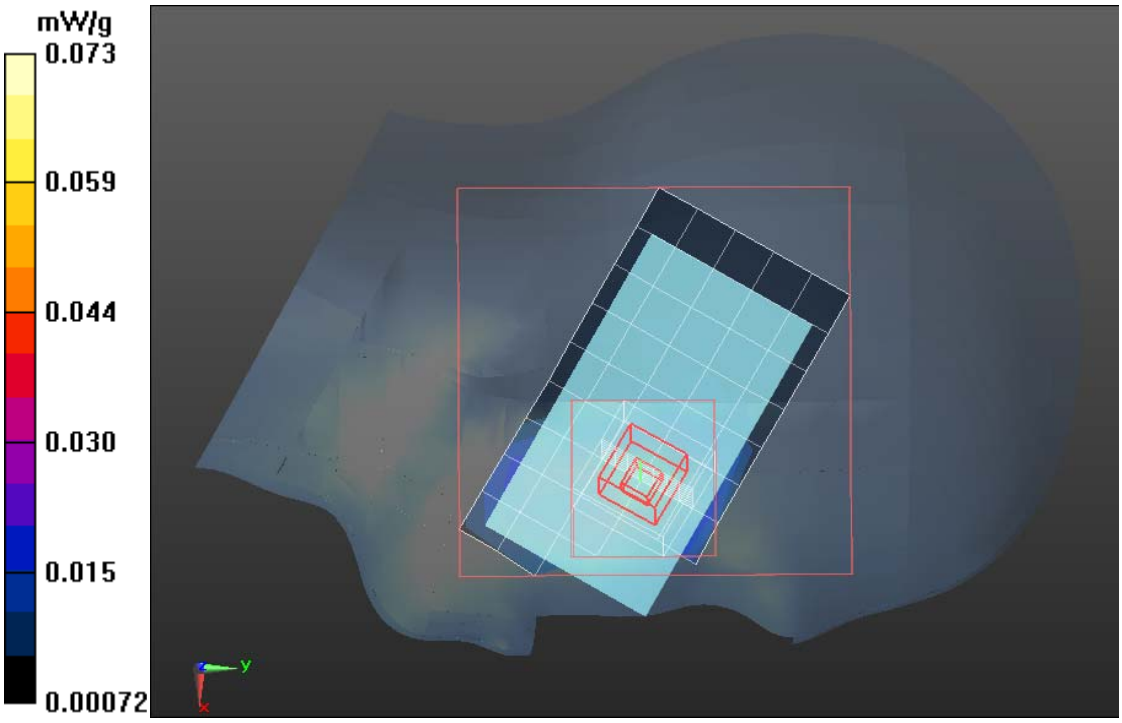
## PCS1900/Left Head Cheek Middle CH661/Area Scan (6x10x1):

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

## PCS1900/Left Head Cheek Middle CH661/Zoom Scan (8x8x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.577 V/m; Power Drift = -0.0021 dB

**SAR(1 g) = 0.536mW/g; SAR(10 g) = 0.427 mW/g**


mW/g
0.073
0.059
0.044
0.030
0.015
0.00072
y

Test Laboratory: Compliance Certification Services Inc.

## PCS 1900-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

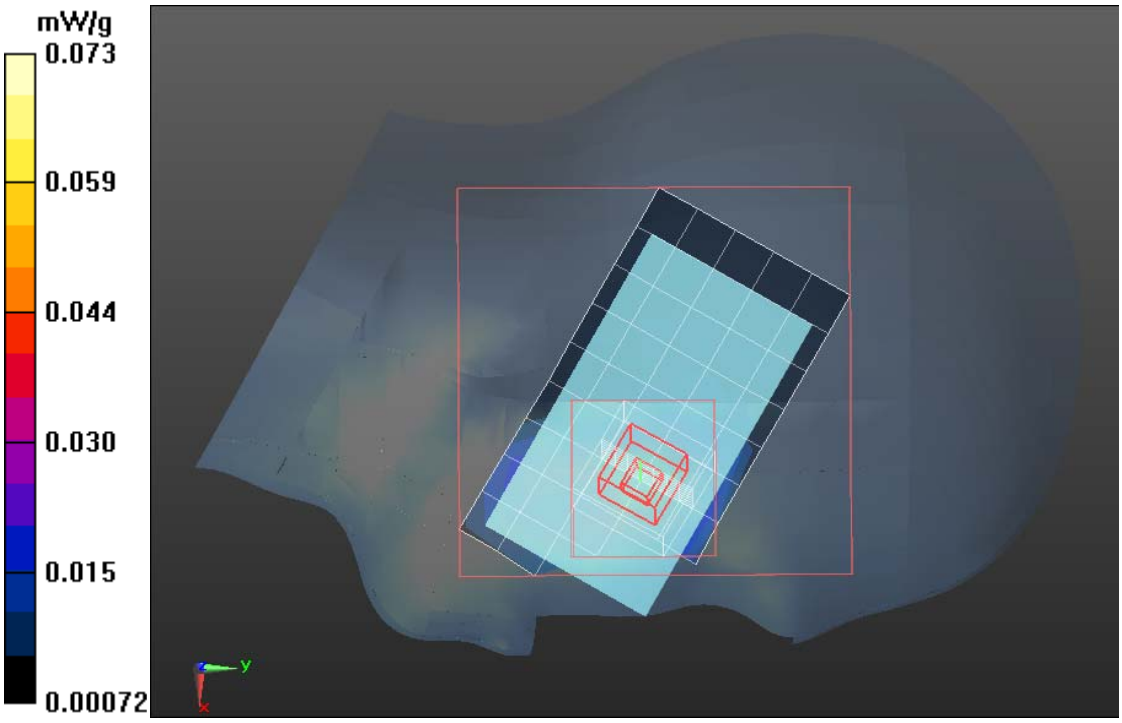
## PCS1900/Left Head Cheek High CH810/Area Scan (6x10x1):

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

## PCS1900/Left Head Cheek High CH810/Zoom Scan (8x8x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 9.597V/m; Power Drift = -0.0003 dB

**SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.463 mW/g**


mW/g
0.073
0.059
0.044
0.030
0.015
0.00072
y

Test Laboratory: Compliance Certification Services Inc.

## PCS-1900-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon_r$ = 39.87; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

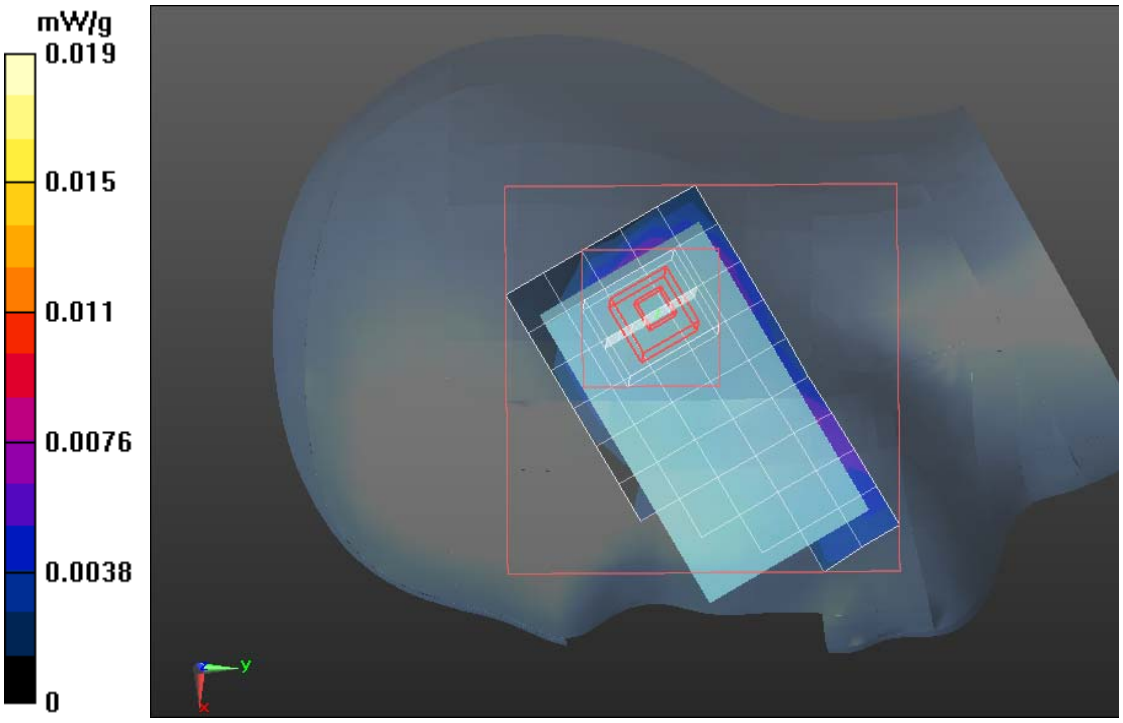
## PCS1900/Right Head Tilted Low CH512/Area Scan (6x10x1):

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

## PCS1900/Right Head Tilted Low CH512/Zoom Scan (8x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.3831 V/m; Power Drift = 0.0041 dB

**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.365 mW/g**


mW/g
0.019
0.015
0.011
0.0076
0.0038
0
y

Test Laboratory: Compliance Certification Services Inc.

## PCS-1900-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

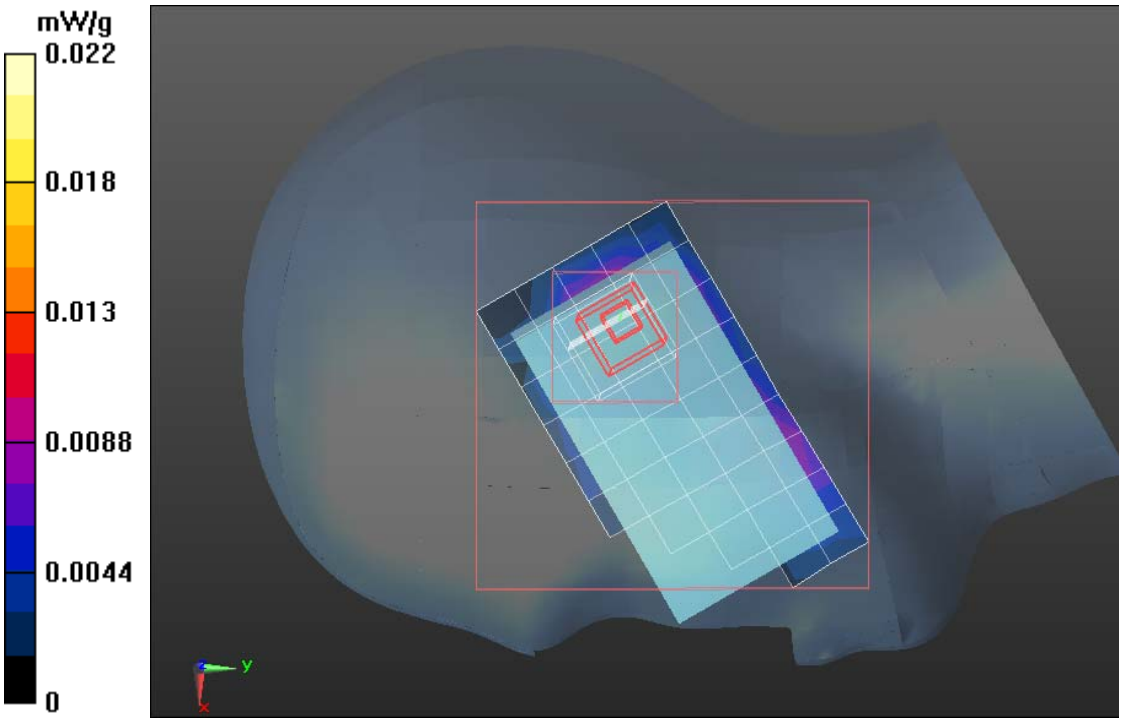
## PCS1900/Right Head Tilted Middle CH661/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.254V/m; Power Drift = -0.022dB

**SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.333 mW/g**


mW/g
0.022
0.018
0.013
0.0088
0.0044
0
y

Test Laboratory: Compliance Certification Services Inc.

## PCS-1900-Right Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.42 mho/m; $\varepsilon_r$ = 39.87; $\rho$ = 1000 kg/$m^3$
Phantom section: Right Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

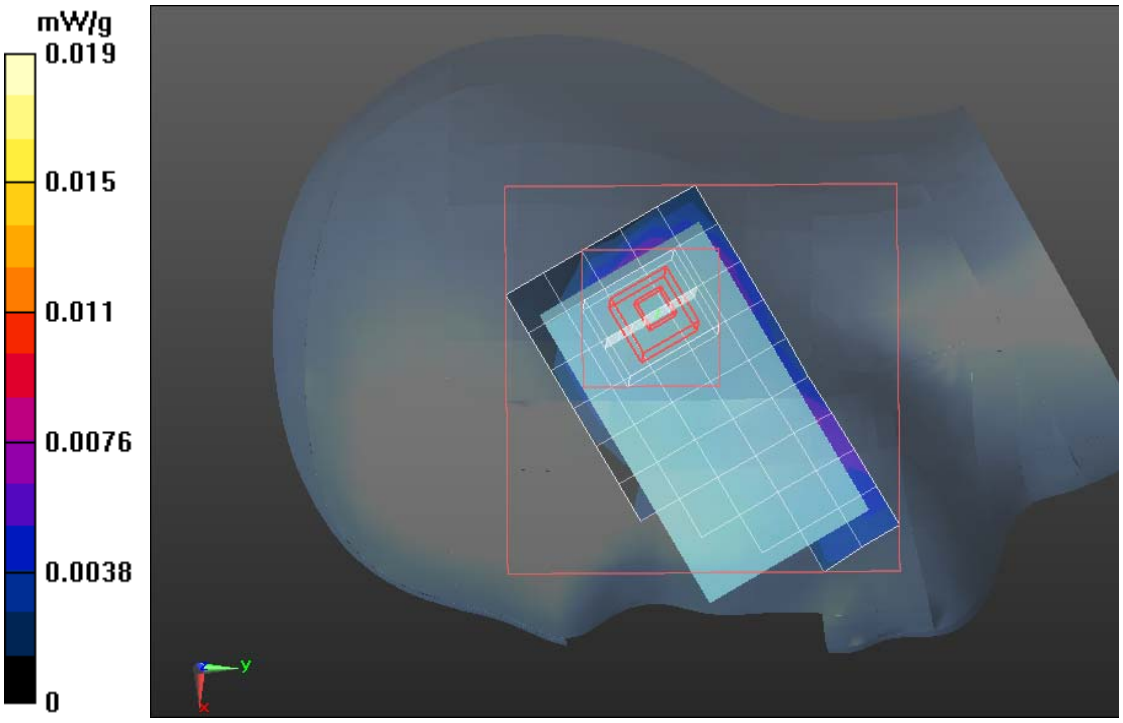
## PCS1900/Right Head Tilted High CH810/Area Scan (6x10x1):

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

## PCS1900/Right Head Tilted High CH810/Zoom Scan (8x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.9138 V/m; Power Drift = -0.0021 dB

**SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.337 mW/g**


mW/g
0.019
0.015
0.011
0.0076
0.0038
0
y

Test Laboratory: Compliance Certification Services Inc.

## PCS 1900-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

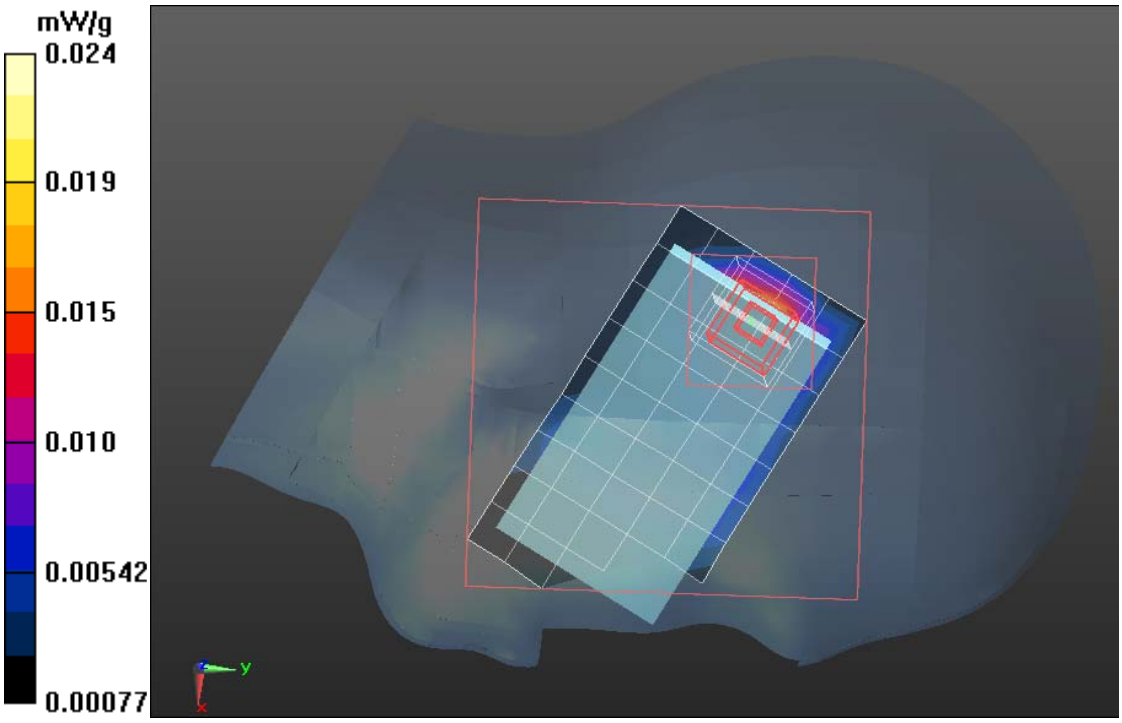
DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Tilted Low CH512/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.022 mW/g

**PCS1900/Left Head Tilted Low CH512/Zoom Scan (7x7x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.919 V/m; Power Drift = -0.006 dB

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.333 mW/g**


mW/g
0.024
0.019
0.015
0.010
0.00542
0.00077
y

Test Laboratory: Compliance Certification Services Inc.

## PCS 1900-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

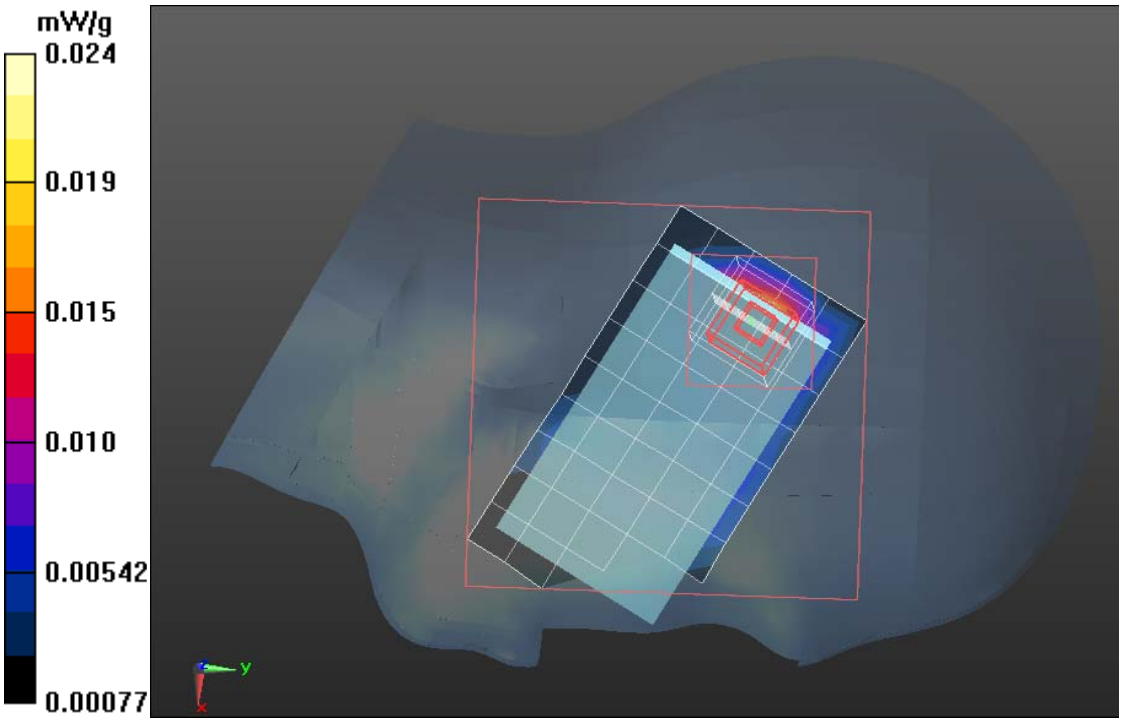
## PCS1900/Left Head Tilted Middle CH661/Area Scan (6x10x1):

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

## PCS1900/Left Head Tilted Middle CH661/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 7.913 V/m; Power Drift = -0.0009 dB

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.301 mW/g**


mW/g
0.024
0.019
0.015
0.010
0.00542
0.00077
y

Test Laboratory: Compliance Certification Services Inc.

## PCS 1900-Left Head

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 39.74; $\rho$ = 1000 kg/$m^3$
Phantom section: Left Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

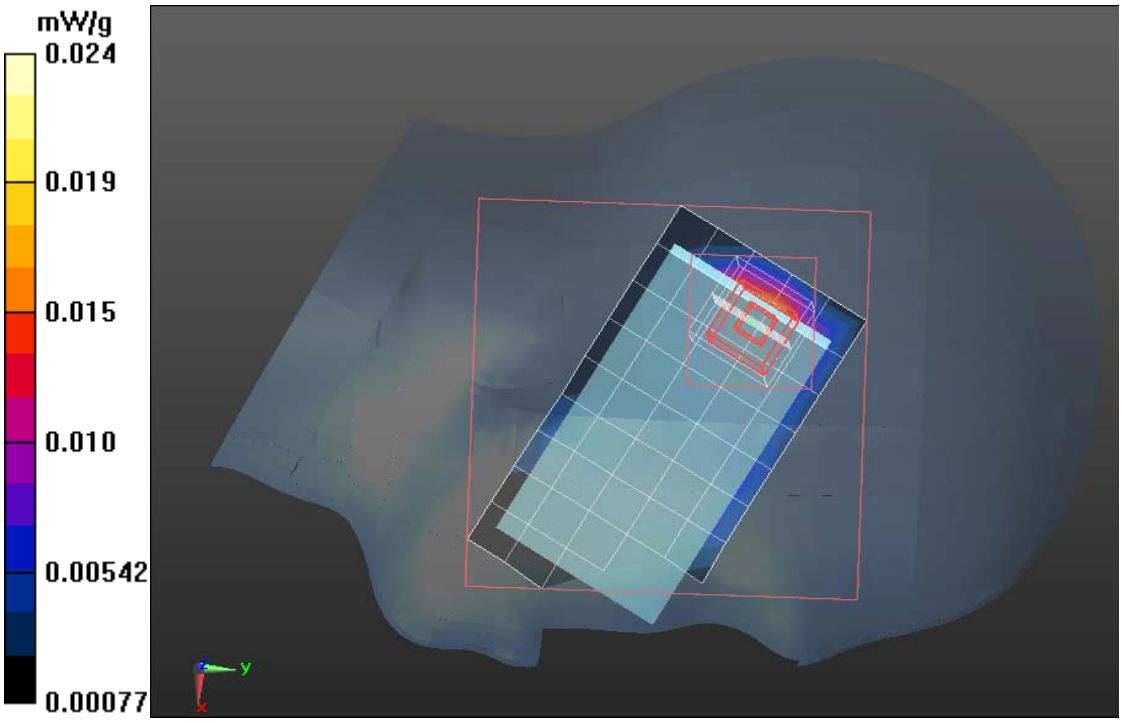
DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.84, 7.84, 7.84); Calibrated: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Tilted High CH810/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm

**PCS1900/Left Head Tilted High CH810/Zoom Scan (7x7x9)/Cube 0:**
Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.459 V/m; Power Drift = -0.0004 dB

**SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.336 mW/g**


mW/g
0.024
0.019
0.015
0.010
0.00542
0.00077
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 1900-Body Low CH512

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

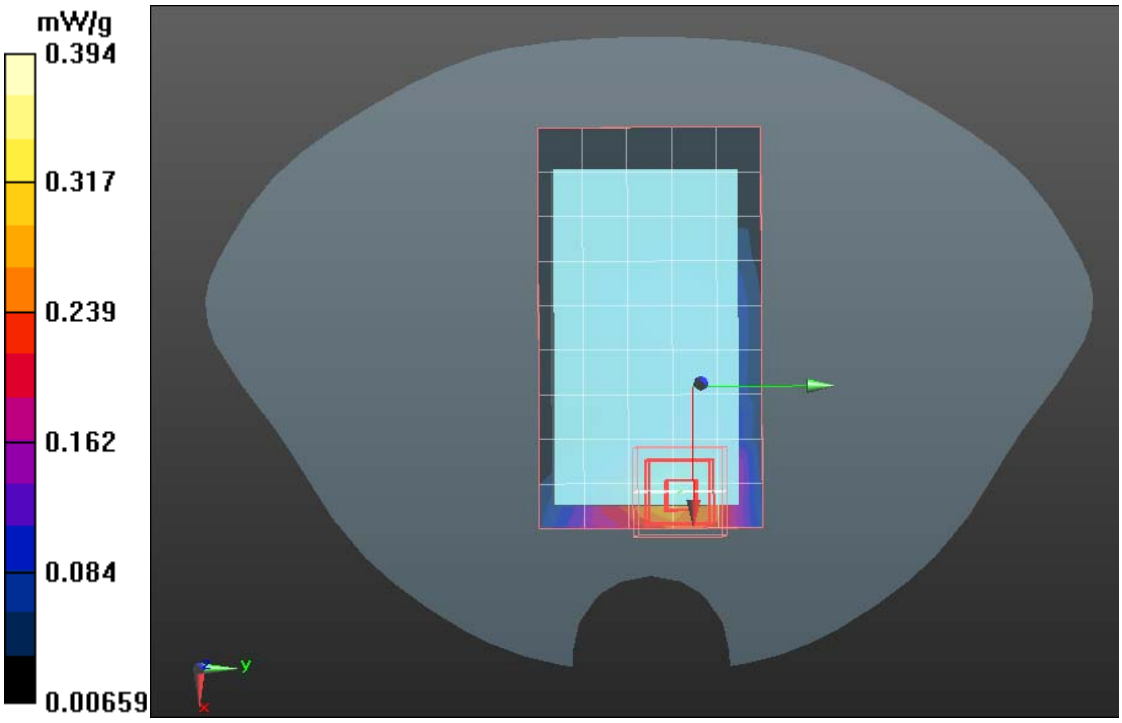
## GPRS1900/GPRS1900 Body Up Low CH512/Area Scan (6x10x1):

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

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

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.112 V/m; Power Drift = -0.0023 dB

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.314 mW/g**


mW/g
0.394
0.317
0.239
0.162
0.084
0.00659
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 1900-Body Middle CH661

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

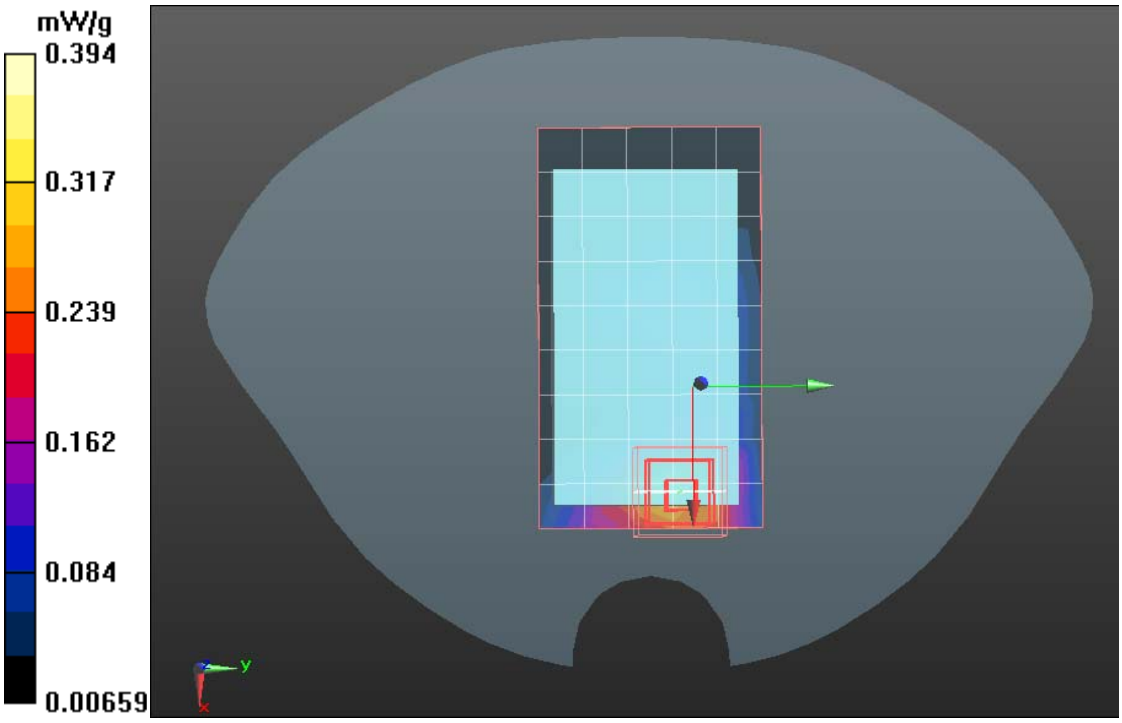
## GPRS1900/GPRS1900 Body Up Middle CH661/Area Scan (6x10x1):

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

## GPRS1900/GPRS1900 Body Up Middle CH661/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.127 V/m; Power Drift = -0.0032 dB

**SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.298 mW/g**


mW/g
0.394
0.317
0.239
0.162
0.084
0.00659
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 1900-Body High CH810

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

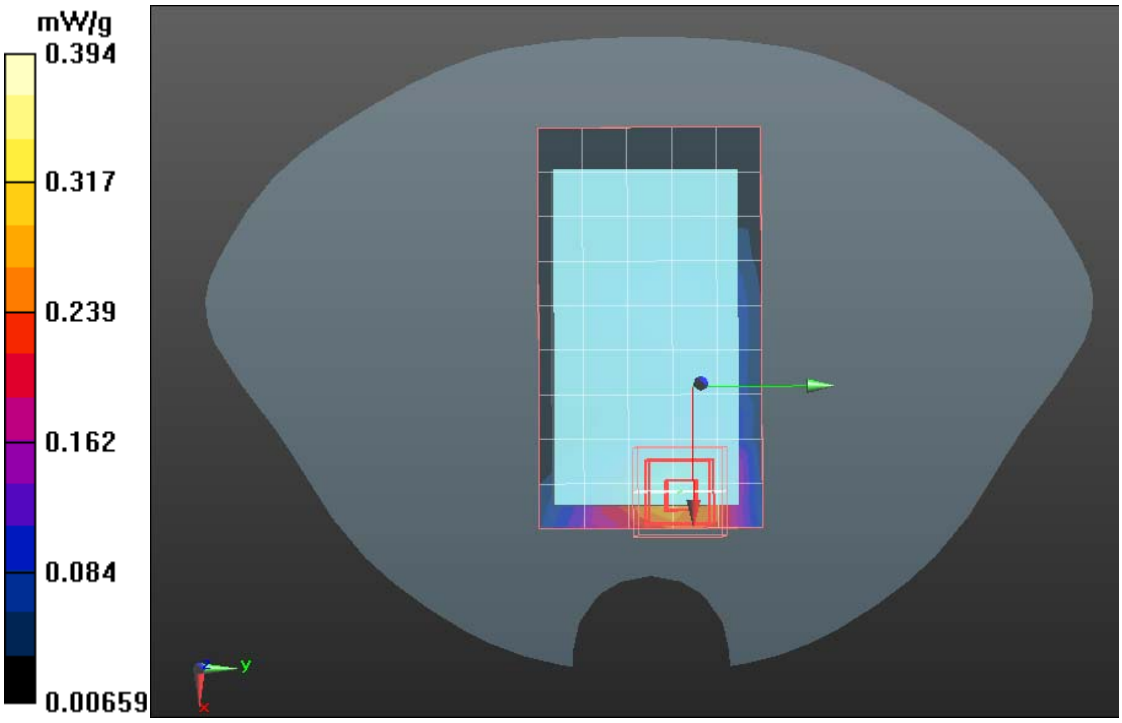
## GPRS1900/GPRS1900 Body Up High CH810/Area Scan (6x10x1):

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

## GPRS1900/GPRS1900 Body Up High CH810/Zoom Scan (7x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.311 V/m; Power Drift = -0.0022 dB

**SAR(1 g) = 0.433mW/g; SAR(10 g) = 0.317 mW/g**


mW/g
0.394
0.317
0.239
0.162
0.084
0.00659
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 1900-Body Low CH512

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

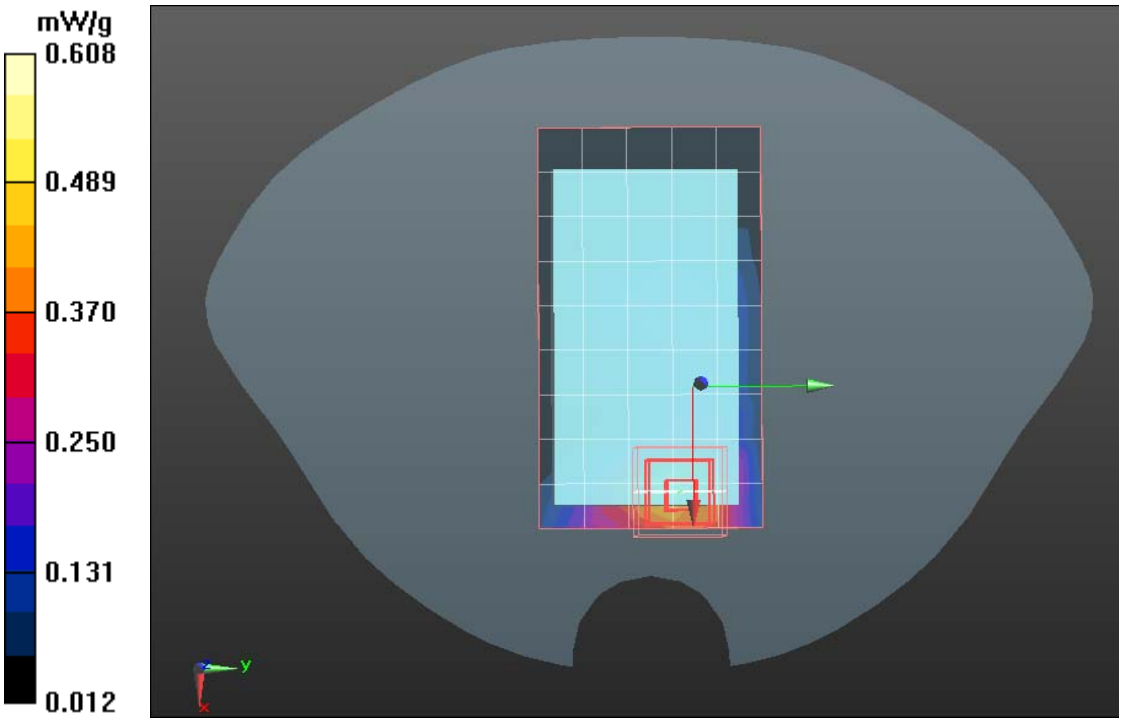
## GPRS1900/GPRS1900 Body Down Low CH512/Area Scan (6x10x1):

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

## GPRS1900/GPRS1900 Body Down Low CH512/Zoom Scan (8x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.176 V/m; Power Drift = -0.0005 dB

**SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.378mW/g**


mW/g
0.608
0.489
0.370
0.250
0.131
0.012
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 1900-Body Middle CH661

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz;Communication System PAR: 9.191 dB
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

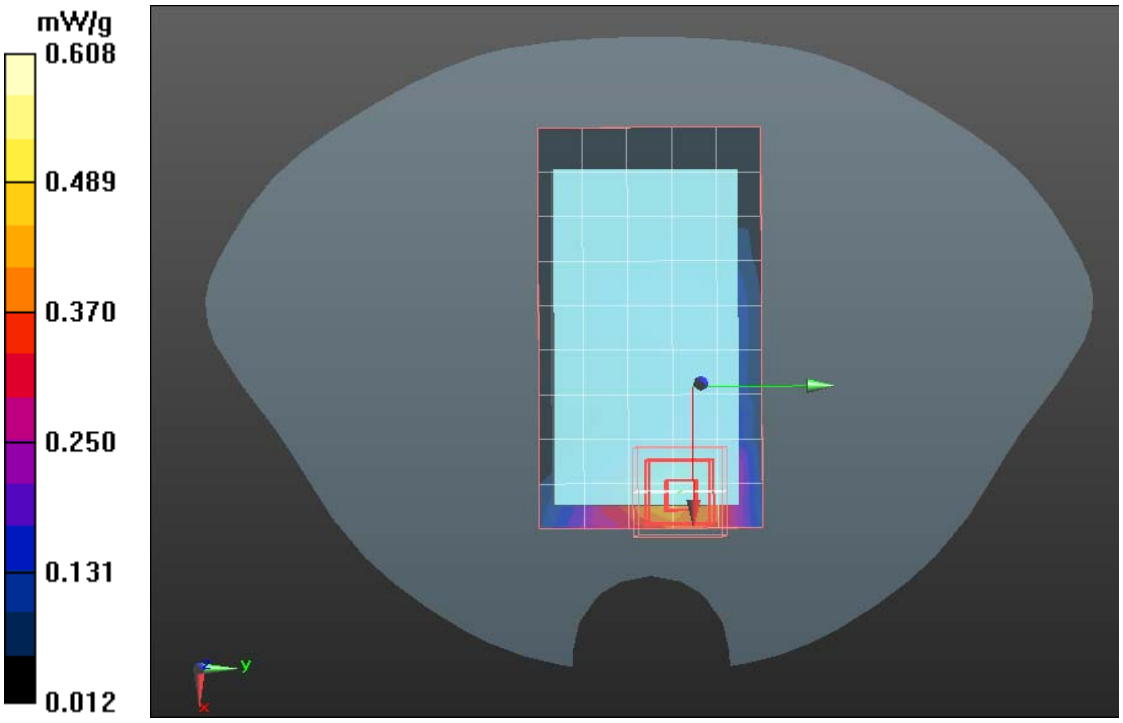
## GPRS1900/GPRS1900 Body Down Middle CH661/Area Scan (6x10x1):

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

## GPRS1900/GPRS1900 Body Down Middle CH661/Zoom Scan (8x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.440 V/m; Power Drift = 0.013 dB

**SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.327 mW/g**


mW/g
0.608
0.489
0.370
0.250
0.131
0.012
y

Test Laboratory: Compliance Certification Services Inc.

## GPRS 1900-Body High CH810

**DUT: GSM Mobile Phone; Type: TZ6109; Date/Time: 05/12/2011**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz;Communication System PAR: 9.191 dB Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.57 mho/m; $\varepsilon_r$ = 51.14; $\rho$ = 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: 1/20/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2011
- Phantom: SAM with CRP; Type: SAM; Serial: 1609
- Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

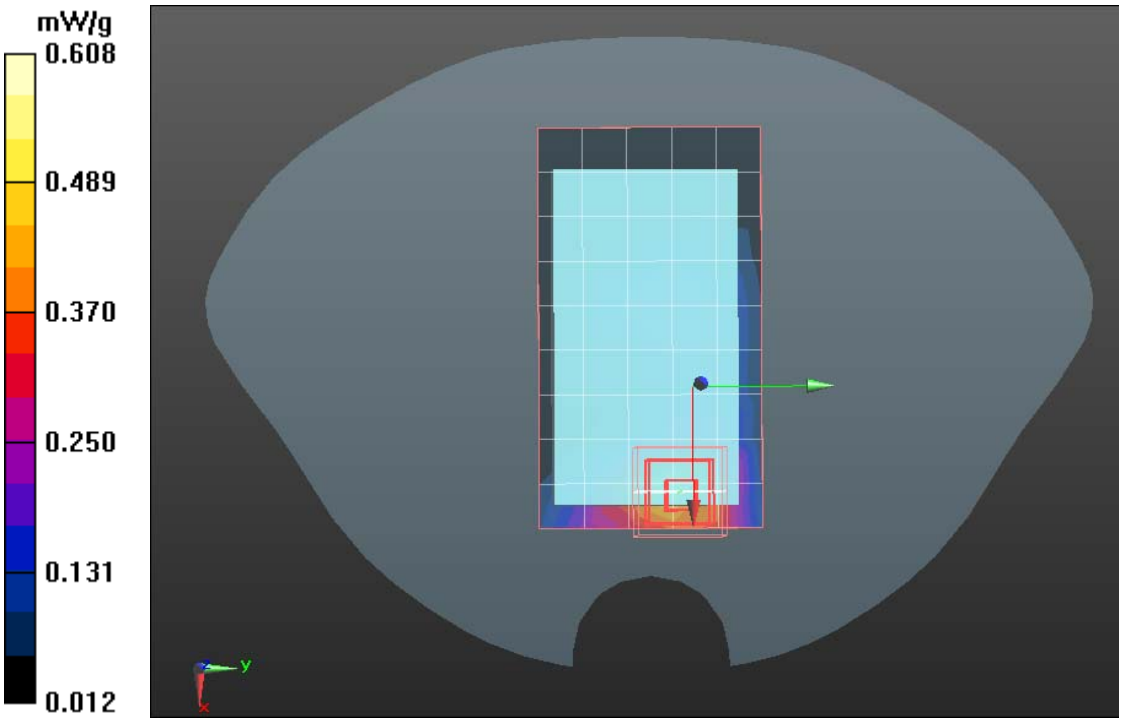
## GPRS1900/GPRS1900 Body Down High CH810/Area Scan (6x10x1):

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

## GPRS1900/GPRS1900 Body Down High CH810/Zoom Scan (8x7x9)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=3mm
Reference Value = 8.676 V/m; Power Drift = 0.021 dB

**SAR(1 g) = 0.487 mW/g; SAR(10 g) = 0.366 mW/g**


mW/g
0.608
0.489
0.370
0.250
0.131
0.012
y