



# Compliance Certification Services Inc.

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## **GSM 850-Right Head Cheek Low CH128**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 41.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

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

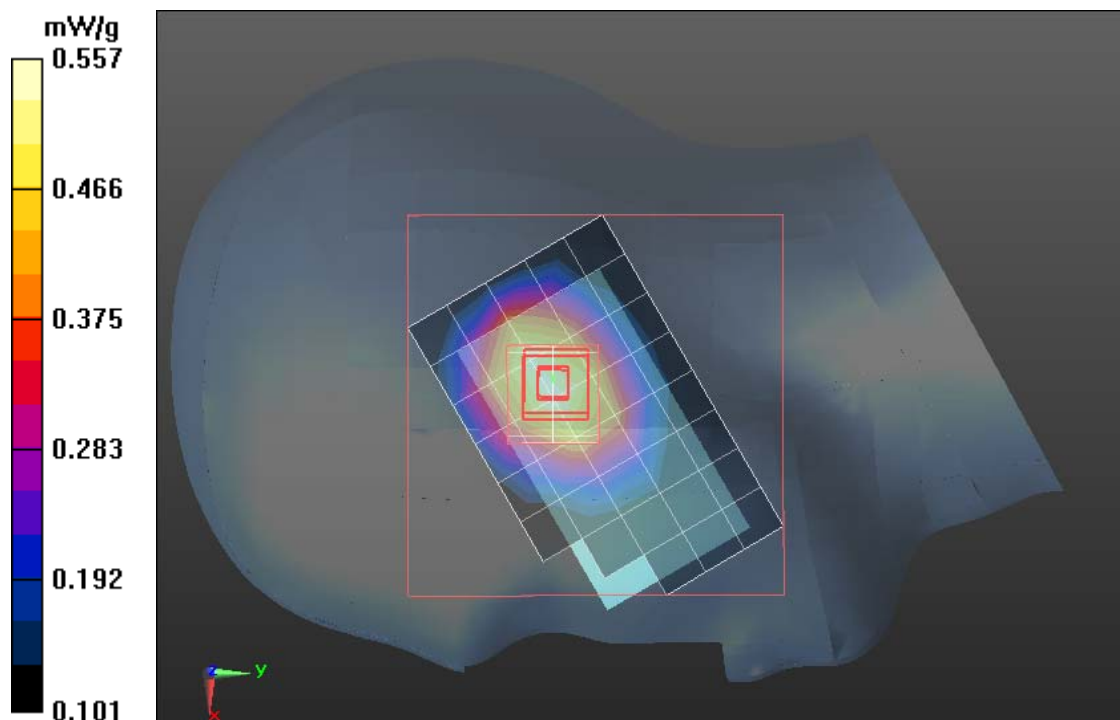
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 24.149 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.502 mW/g; SAR(10 g) = 0.381 mW/g**

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





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## **GSM 850-Right Head Cheek Middle CH190**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.599 mW/g

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

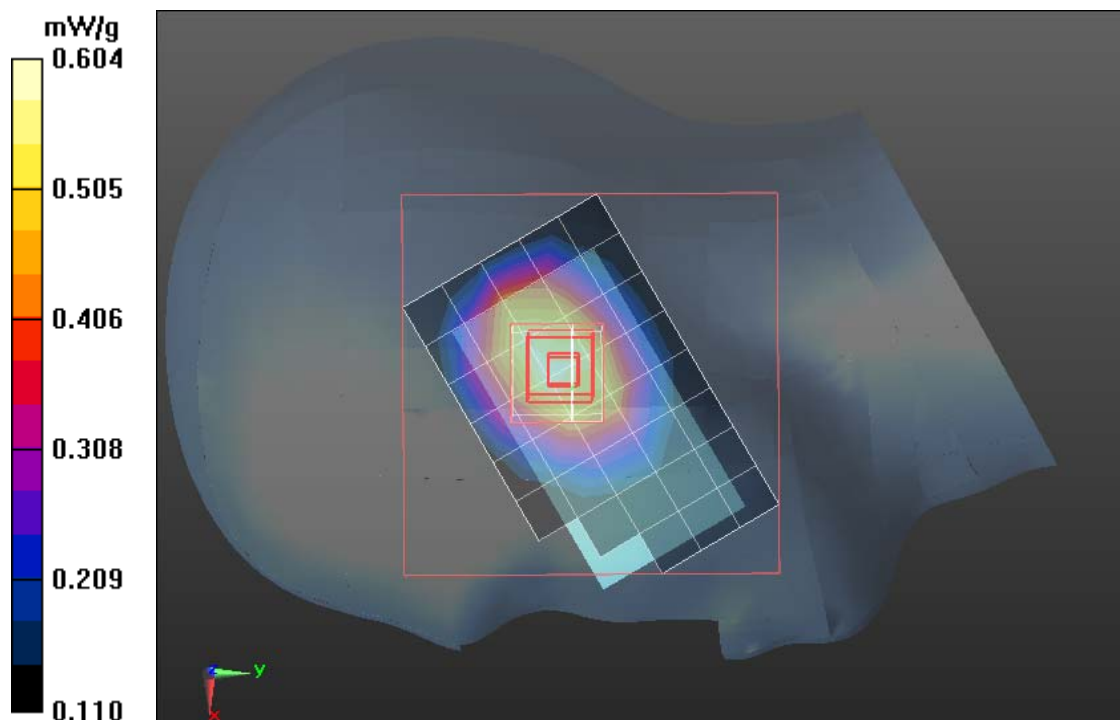
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 24.409 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.411 mW/g**

Maximum value of SAR (measured) = 0.604 mW/g





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## **GSM 850-Right Head Cheek High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 9.03dB

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

Maximum value of SAR (measured) = 0.627 mW/g

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

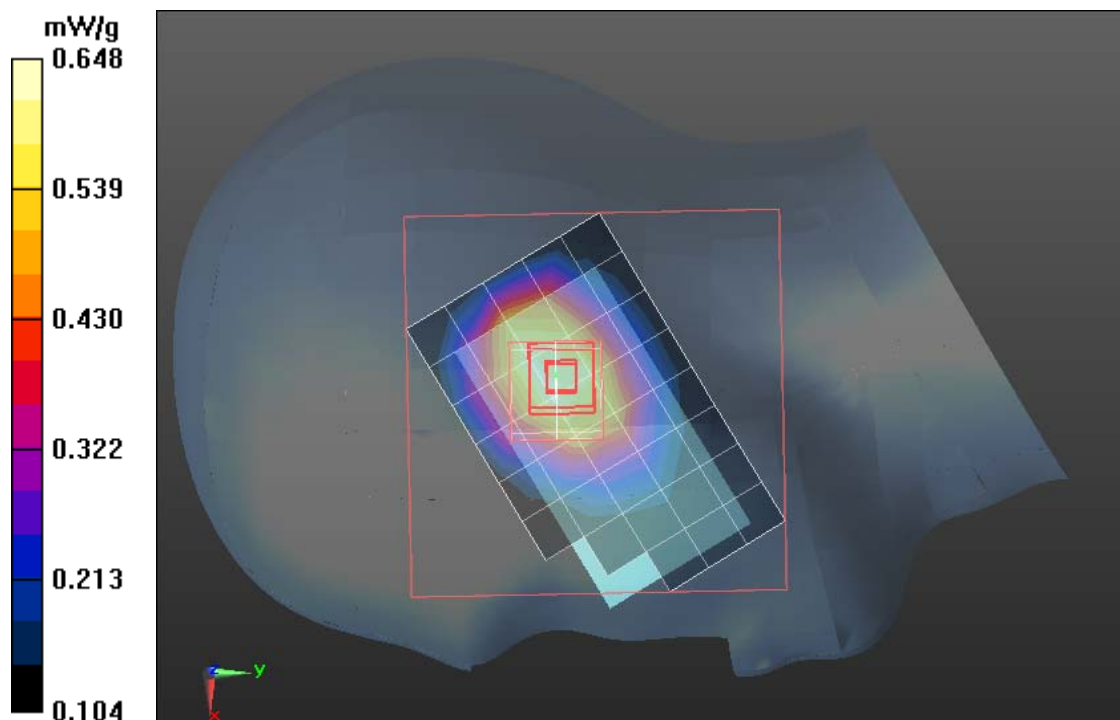
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 25.957 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.718 W/kg

**SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.440 mW/g**

Maximum value of SAR (measured) = 0.648 mW/g





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## **GSM 850-Right Head Tilted Low CH128**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 41.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.345 mW/g

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

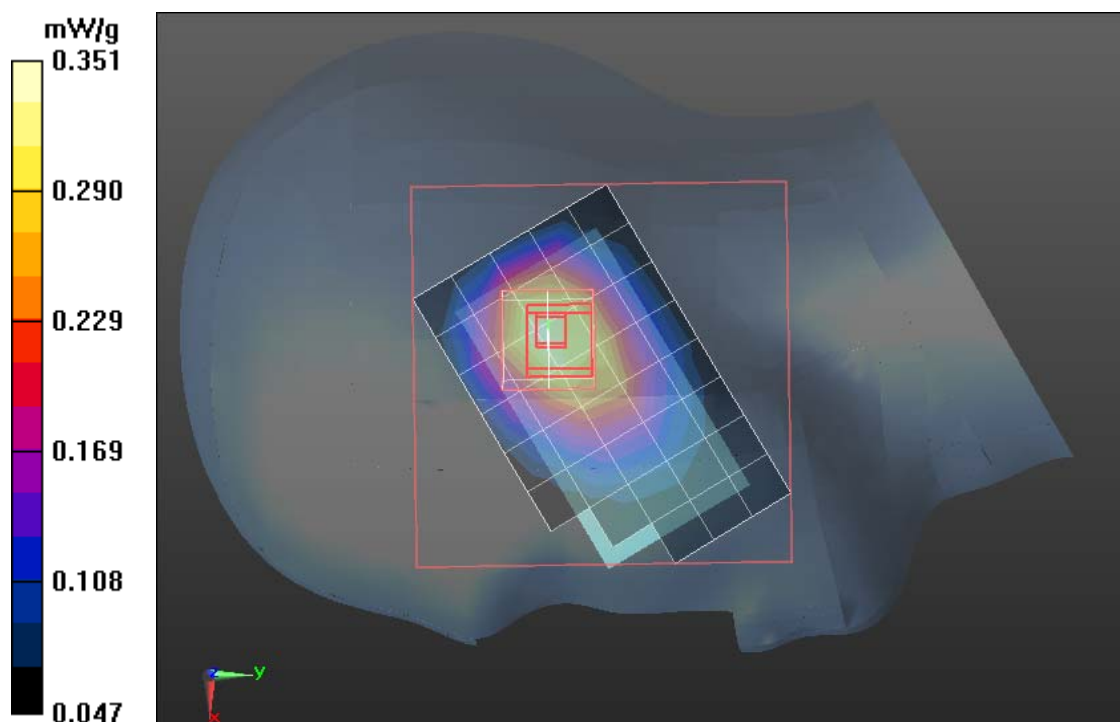
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 19.492 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.398 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.234 mW/g**

Maximum value of SAR (measured) = 0.351 mW/g





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## **GSM 850-Right Head Tilted Middle CH190**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.346 mW/g

## **GSM850/Right Head Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

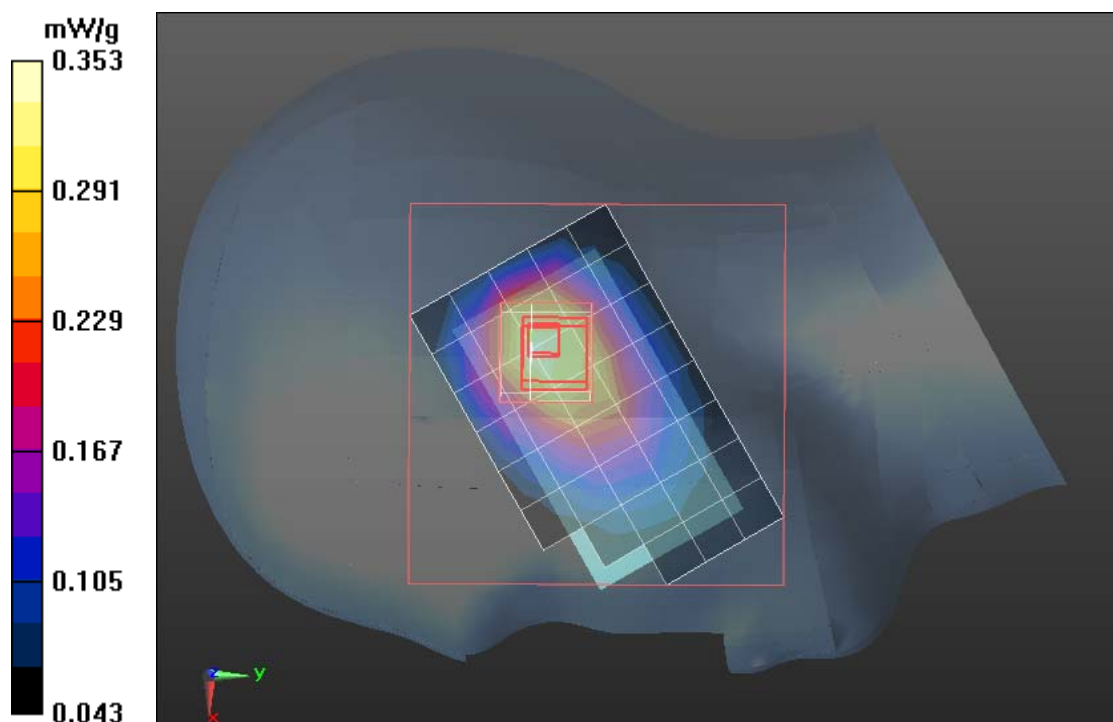
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 19.882 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.411 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.231 mW/g**

Maximum value of SAR (measured) = 0.353 mW/g







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## **GSM 850-Right Head Tilted High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.347 mW/g

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

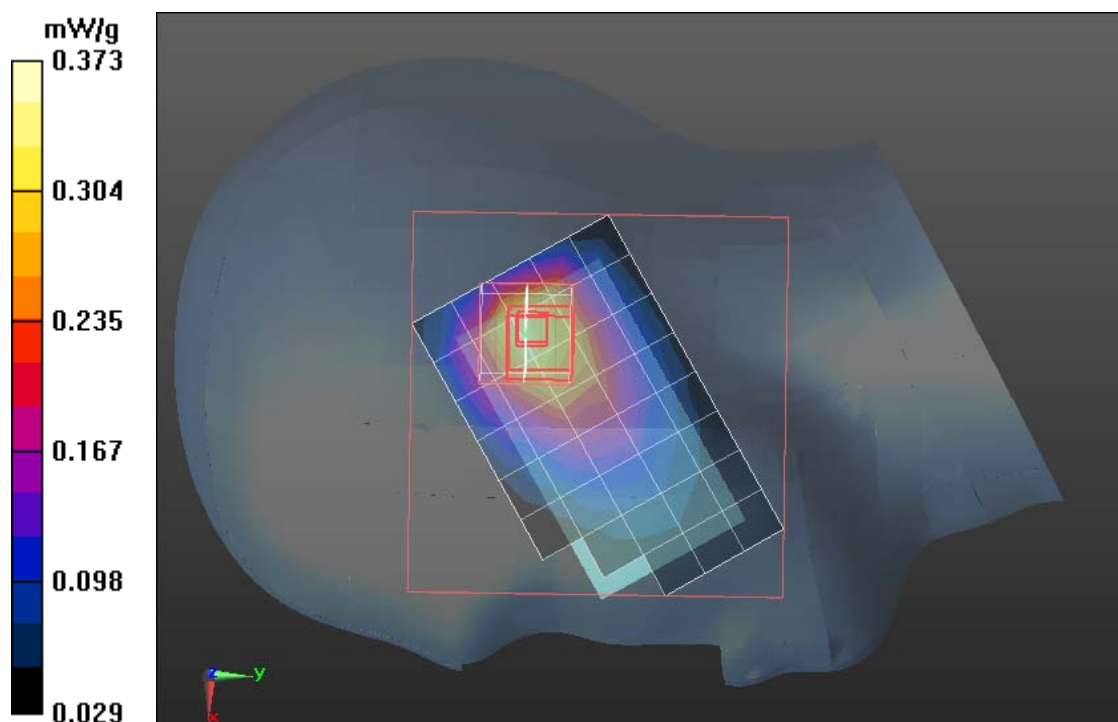
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 20.398 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.224 mW/g**

Maximum value of SAR (measured) = 0.373 mW/g





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## **GSM 850-Left Head Cheek Low CH128**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 41.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.638 mW/g

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

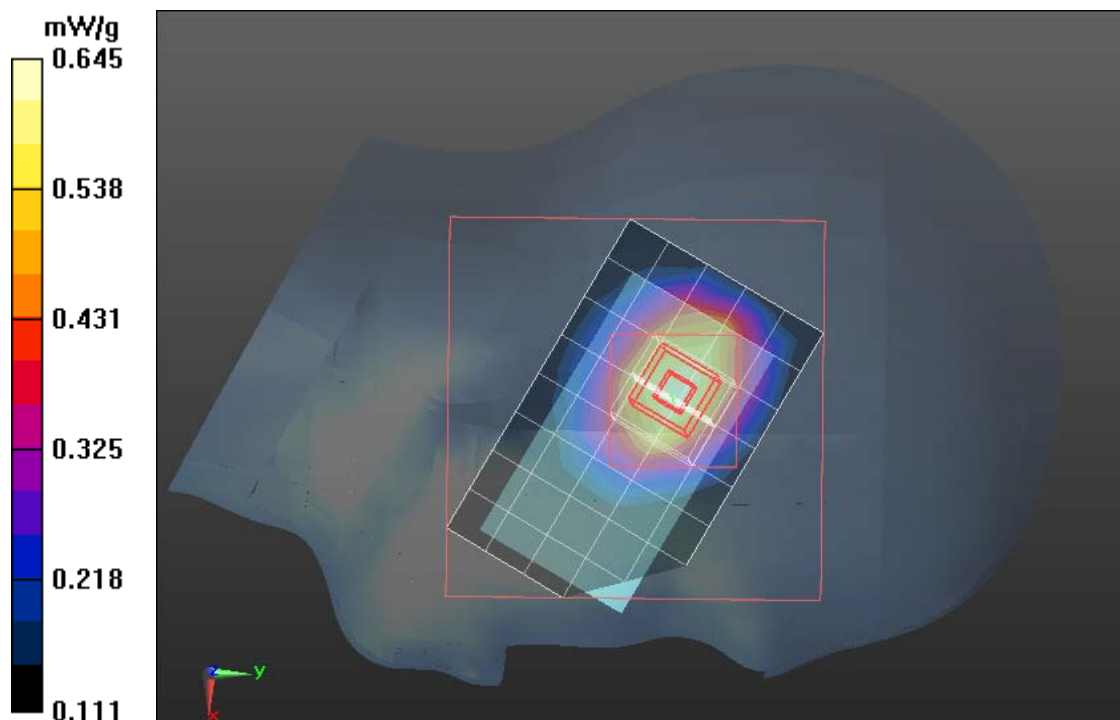
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 24.714 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.706 W/kg

**SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.437 mW/g**

Maximum value of SAR (measured) = 0.645 mW/g







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## **GSM 850-Left Head Cheek Middle CH190**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.744 mW/g

## **GSM850/Left Head Cheek Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

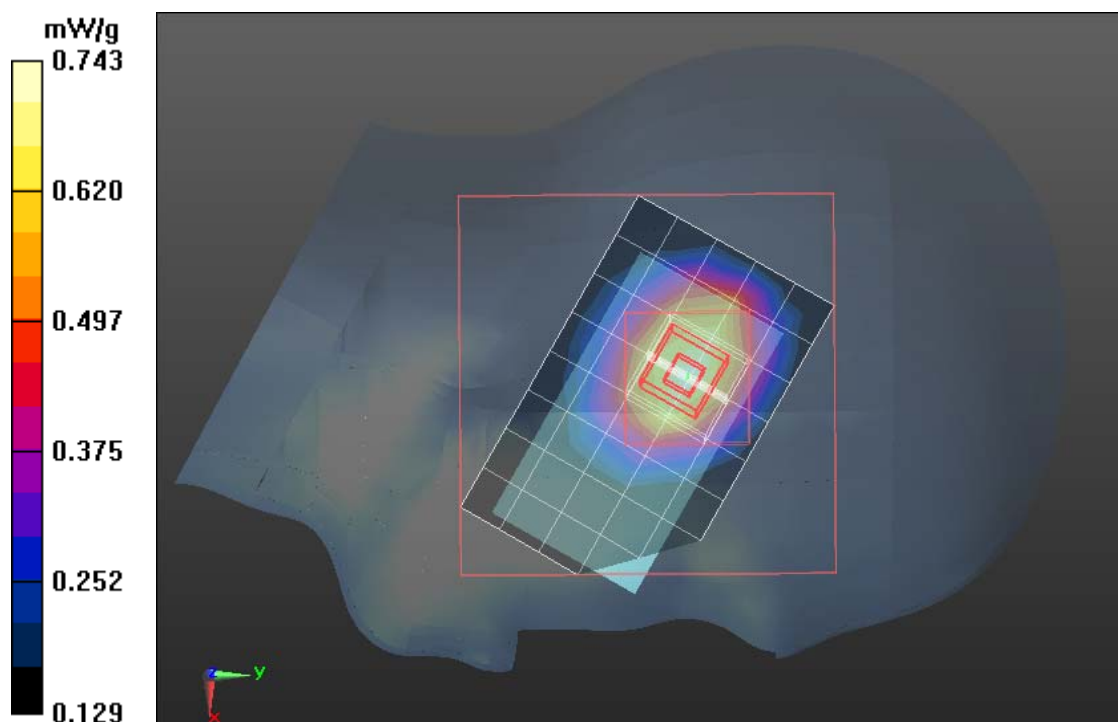
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 26.139 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.819 W/kg

**SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.505 mW/g**

Maximum value of SAR (measured) = 0.743 mW/g





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## **GSM 850-Left Head Cheek High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.915 mW/g

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

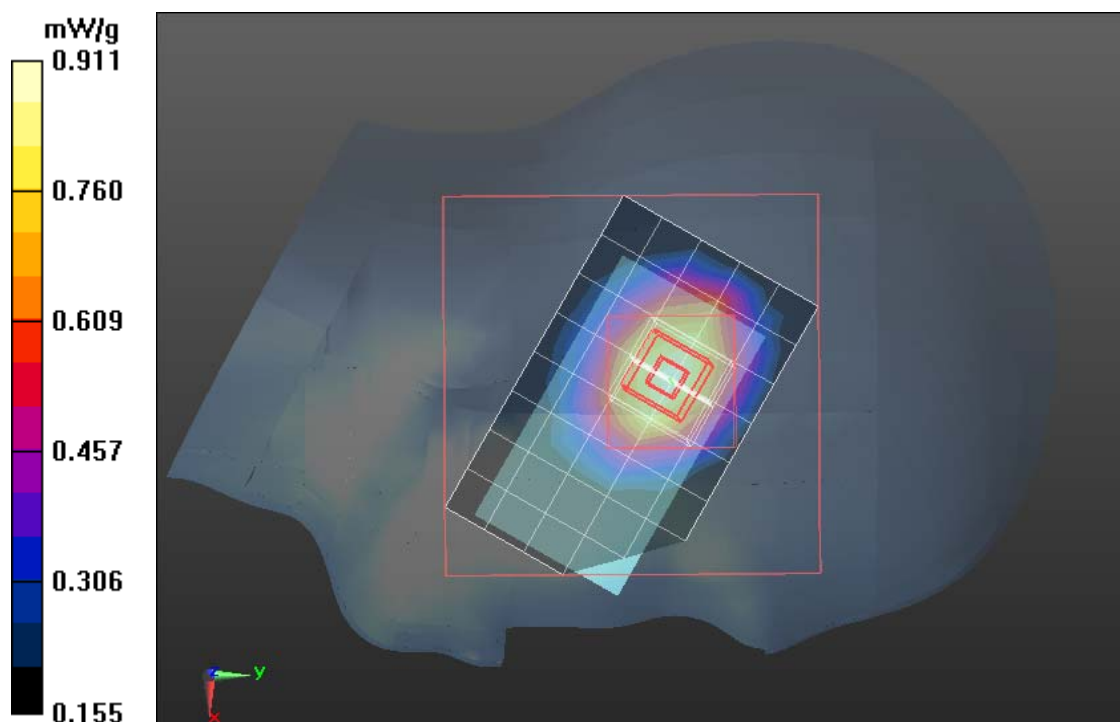
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 28.620 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.000 W/kg

**SAR(1 g) = 0.798mW/g; SAR(10 g) = 0.619 mW/g**

Maximum value of SAR (measured) = 0.911 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **GSM 850-Left Head Tilted Low CH128**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.88$  mho/m;  $\epsilon_r = 41.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.364 mW/g

**GSM850/Left Head Tilted Low CH128/Zoom Scan (7x7x9)/Cube 0:**

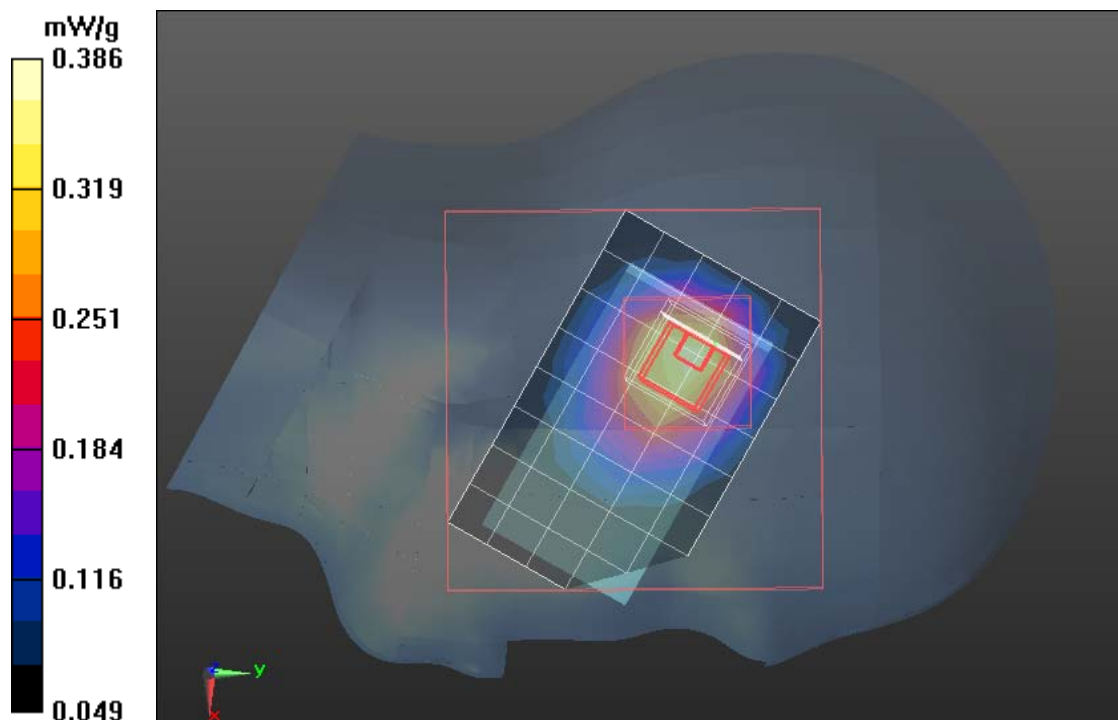
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 20.104 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.248 mW/g**

Maximum value of SAR (measured) = 0.386 mW/g





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## **GSM 850-Left Head Tilted Middle CH190**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 836.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.478$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.379 mW/g

## **GSM850/Left Head Tilted Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

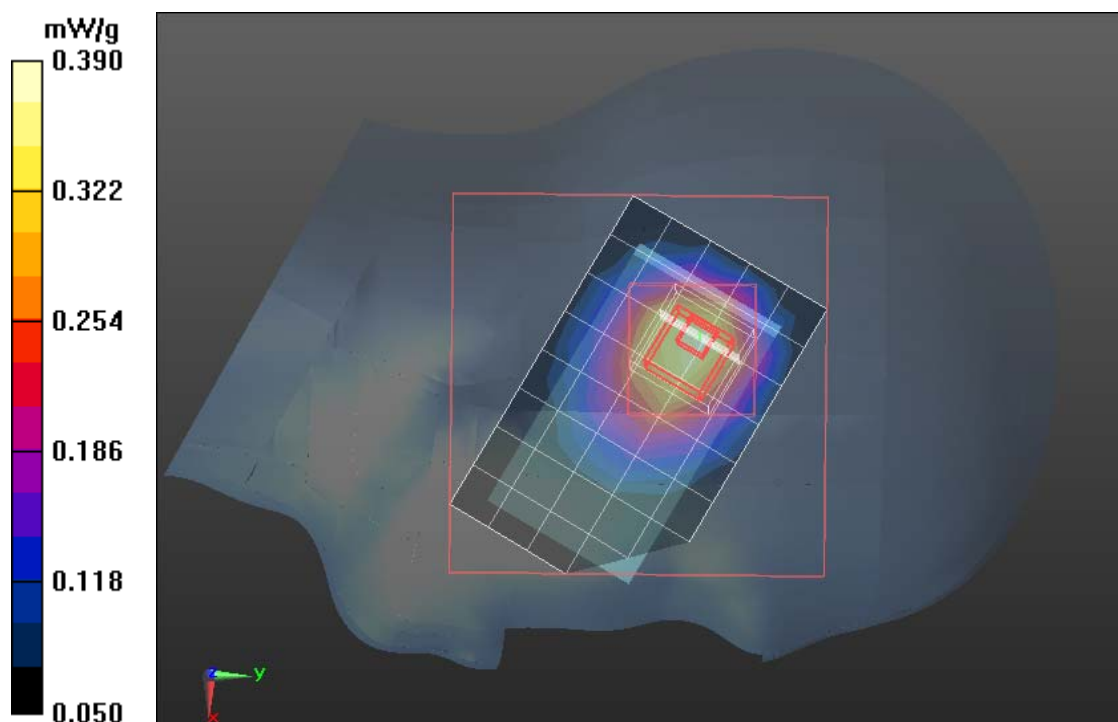
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 20.436 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.498 W/kg

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 0.390 mW/g





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## **GSM 850-Left Head Tilted High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.438 mW/g

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

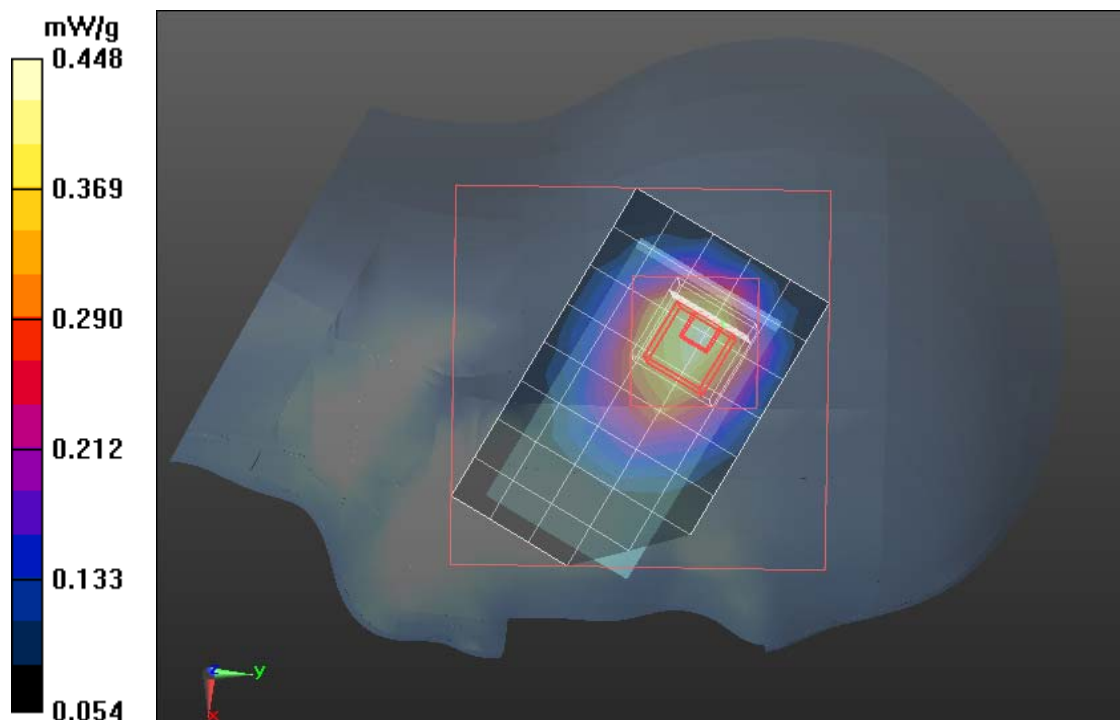
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 21.698 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.565 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.290 mW/g**

Maximum value of SAR (measured) = 0.448 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **GSM 850-Body Up High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 55.752$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

Maximum value of SAR (measured) = 0.267 mW/g

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

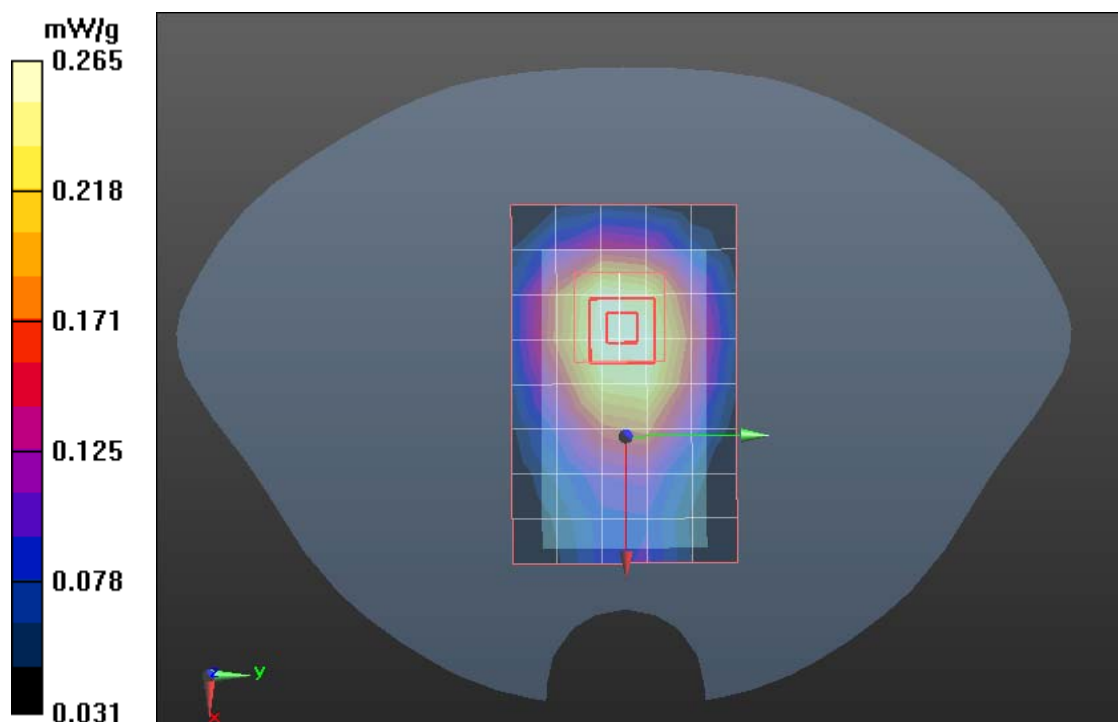
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.305 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.314 W/kg

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.189 mW/g**

Maximum value of SAR (measured) = 0.265 mW/g







Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **GSM 850-Body Down High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: GSM 850

(824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 55.752$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

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

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

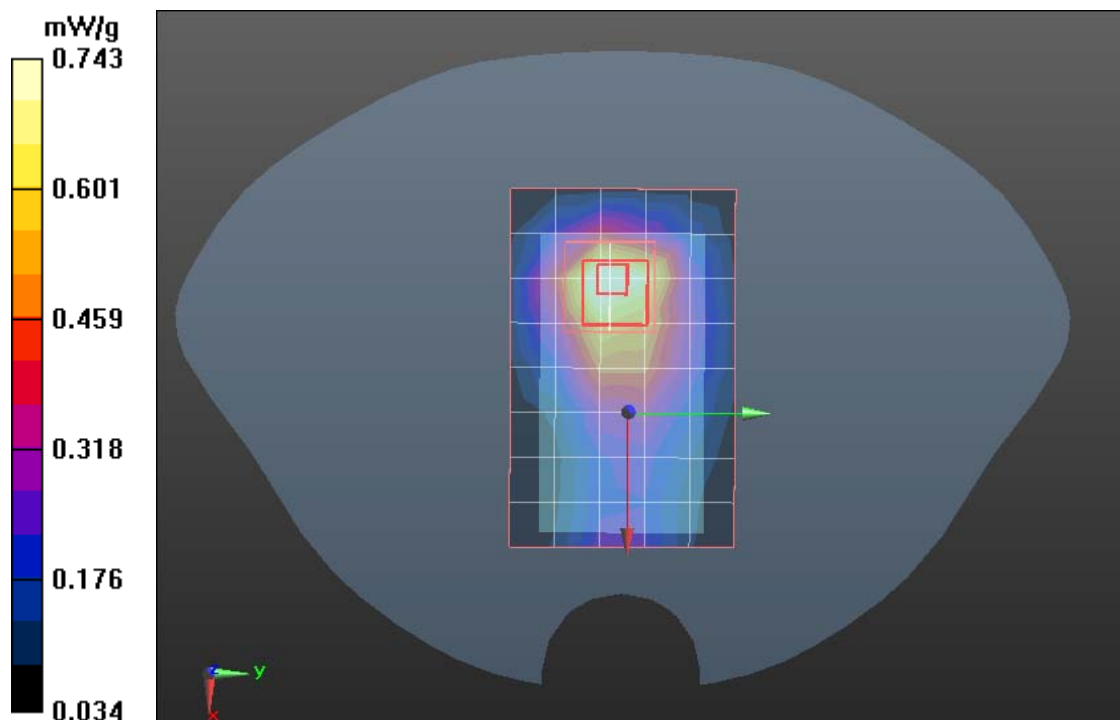
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.337 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.079 W/kg

**SAR(1 g) = 0.687 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 0.743 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **GPRS 850-Body Up High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 3.01 dB  
Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 55.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

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

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

Maximum value of SAR (measured) = 0.193 mW/g

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

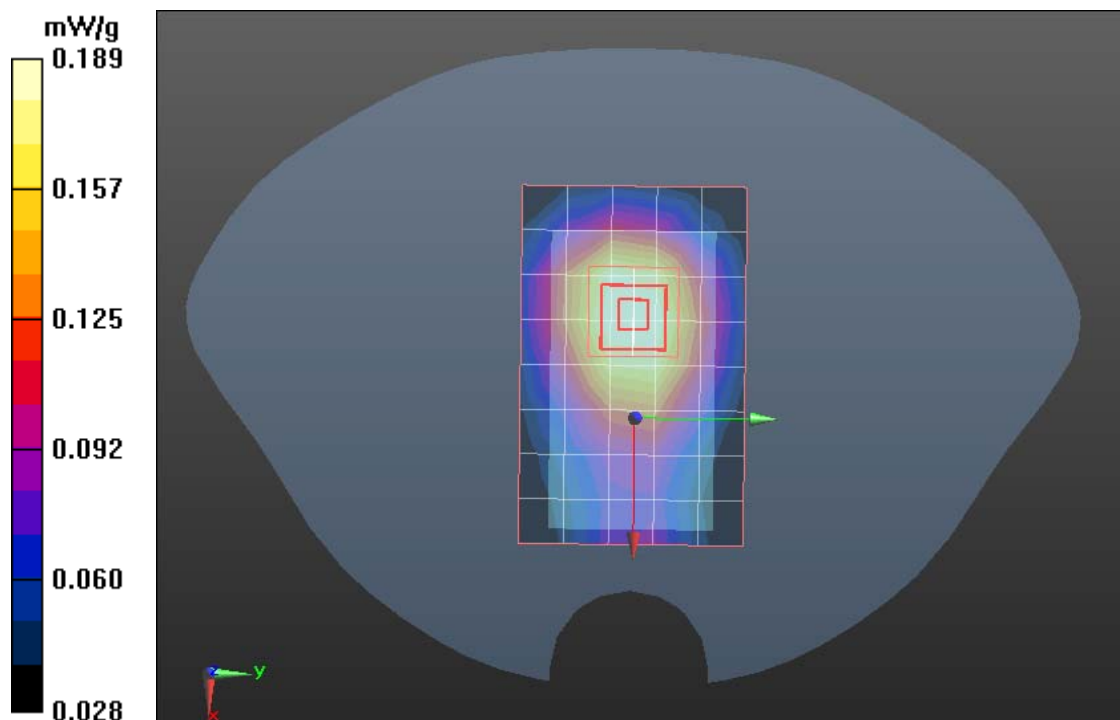
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.713 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 0.189 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **GPRS 850-Body Down High CH251**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 848.6 MHz; Communication System PAR: 3.01 dB  
Medium parameters used (interpolated):  $f = 848.6$  MHz;  $\sigma = 0.969$  mho/m;  $\epsilon_r = 55.752$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

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

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

Maximum value of SAR (measured) = 0.426 mW/g

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

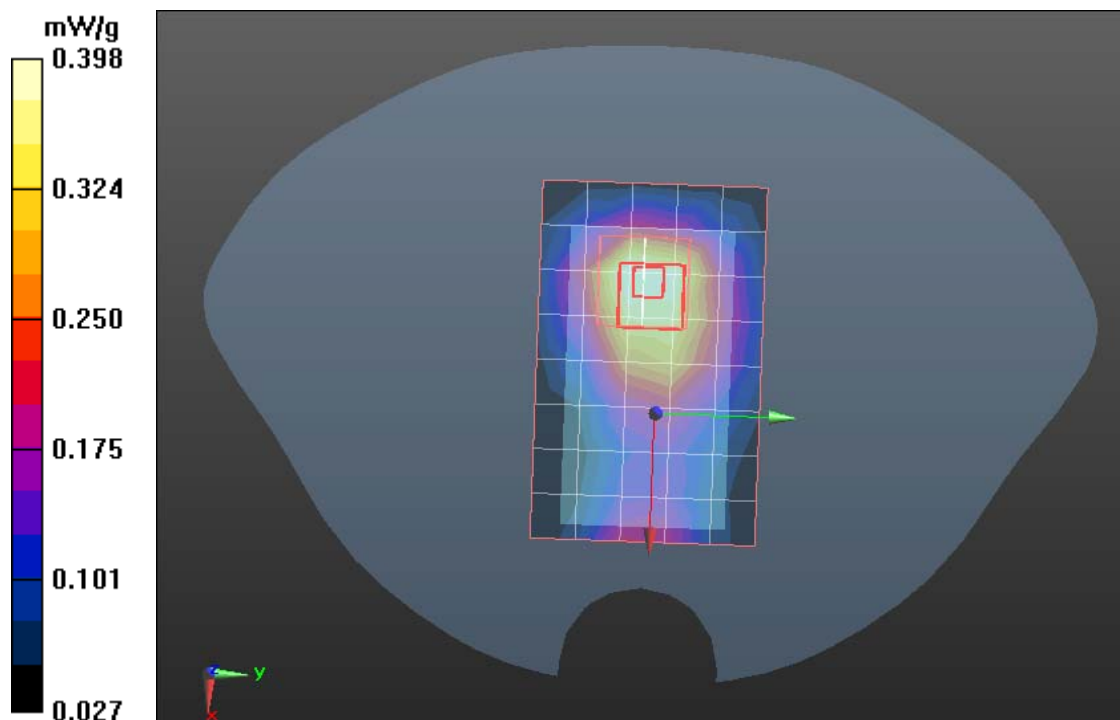
**0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.276 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.260 mW/g**

Maximum value of SAR (measured) = 0.398 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS-1900-Right Head Cheek Low CH512**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.648 mW/g

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

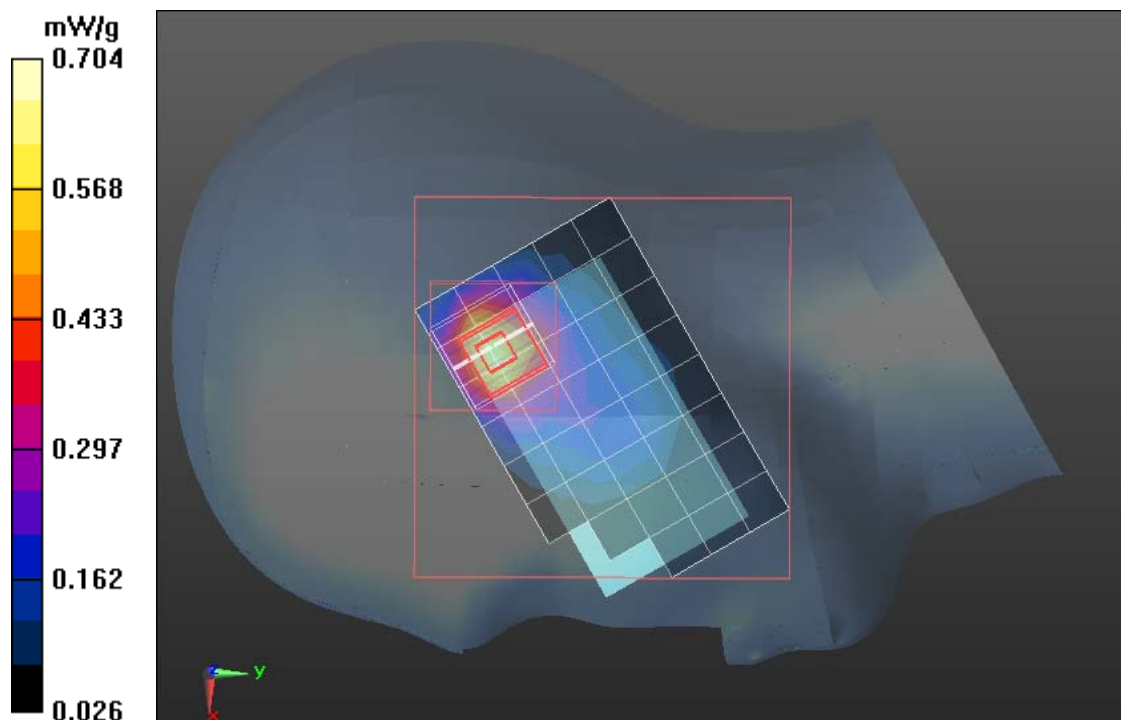
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 14.505 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.919 W/kg

**SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 0.704 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS-1900-Right Head Cheek Middle CH661**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

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

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

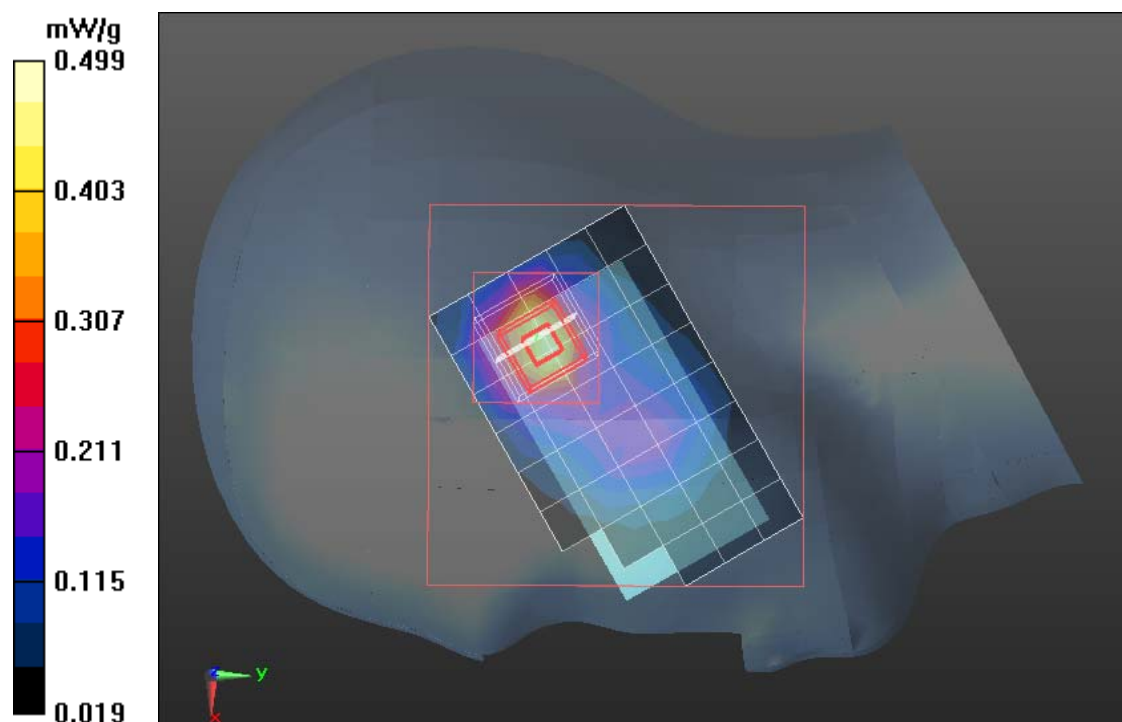
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 16.101 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.644 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.219 mW/g**

Maximum value of SAR (measured) = 0.499 mW/g





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## **PCS-1900-Right Head Cheek High CH810**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

Maximum value of SAR (measured) = 0.318 mW/g

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

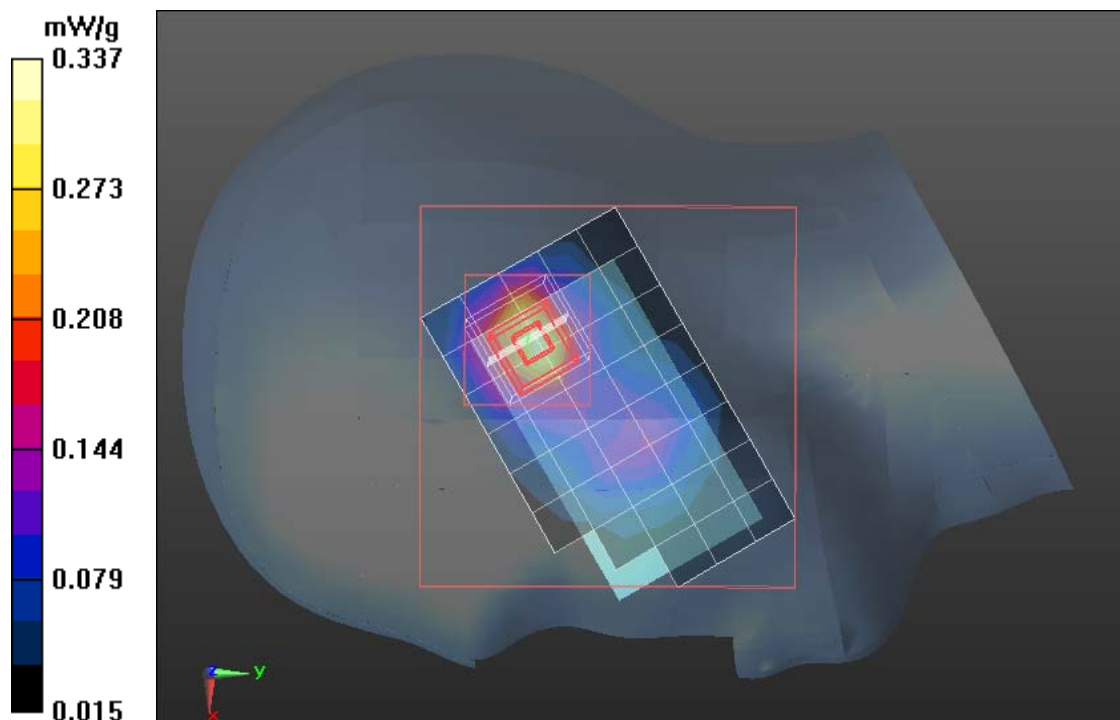
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 13.011 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.147 mW/g**

Maximum value of SAR (measured) = 0.337 mW/g







Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS-1900-Right Head Tilted Low CH512**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

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

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

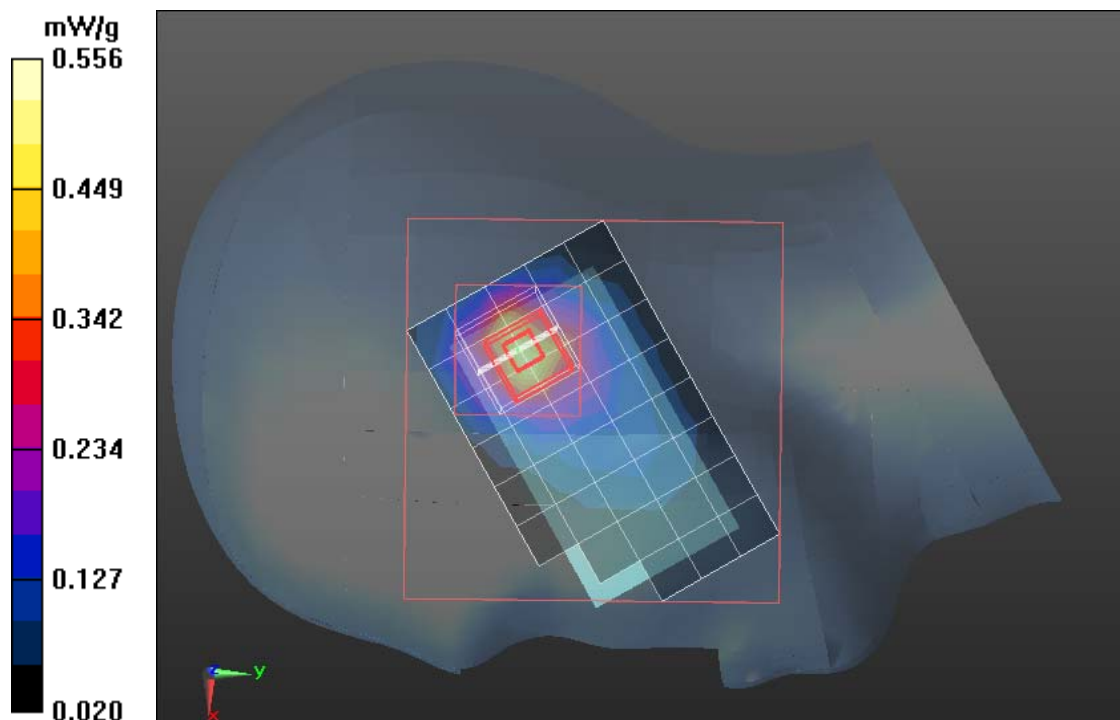
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 18.072 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.740 W/kg

**SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.556 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS-1900-Right Head Tilted Middle CH661**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

Maximum value of SAR (measured) = 0.376 mW/g

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

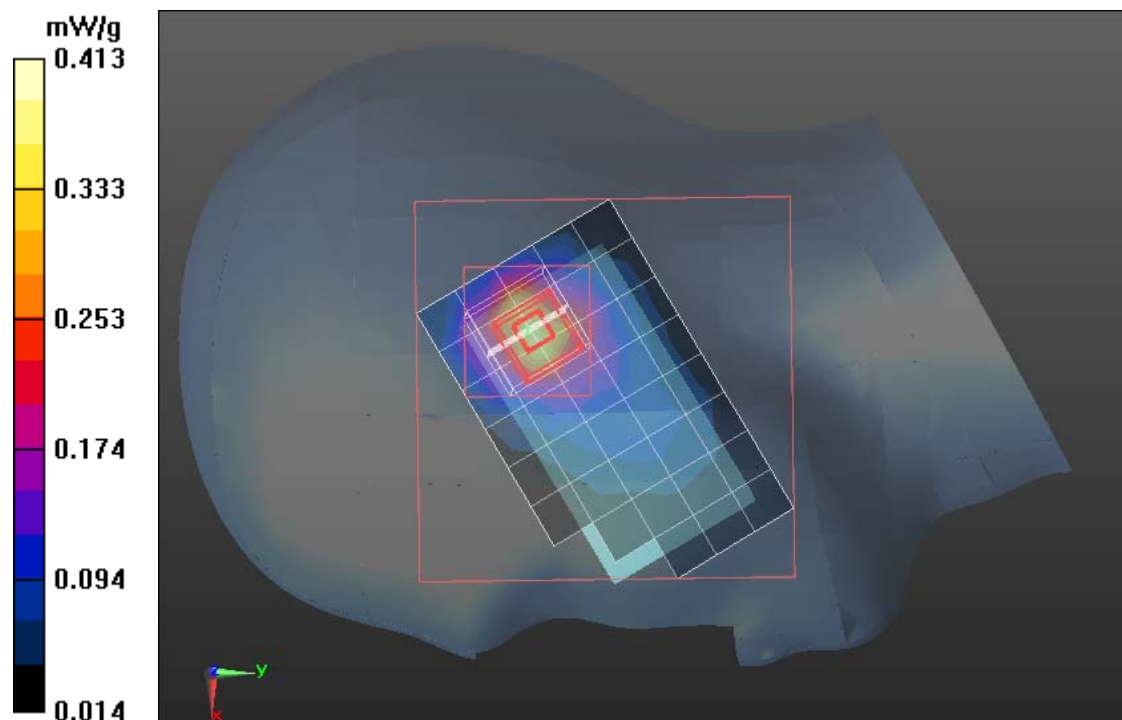
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 15.442 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.556 W/kg

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.175 mW/g**

Maximum value of SAR (measured) = 0.413 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS-1900-Right Head Tilted High CH810**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.232 mW/g

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

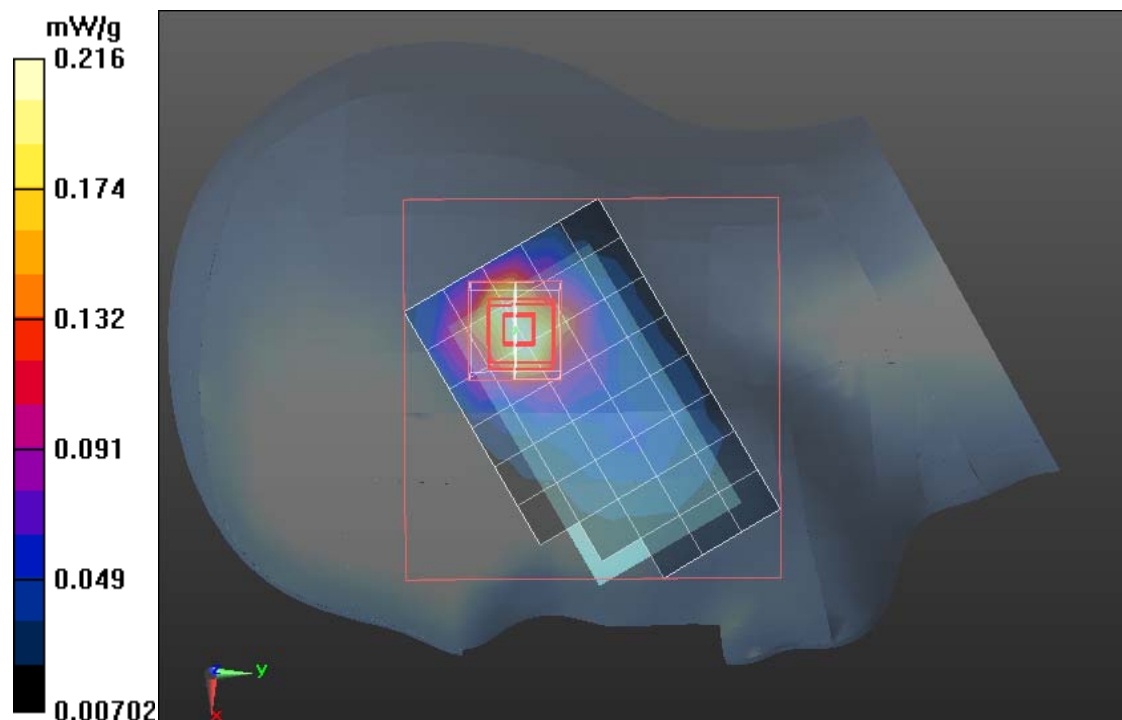
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.936 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.357 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.216 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS 1900-Left Head Cheek Low CH512**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.429 mW/g

**PCS1900/Left Head Cheek Low CH512/Zoom Scan (7x8x9)/Cube 0:**

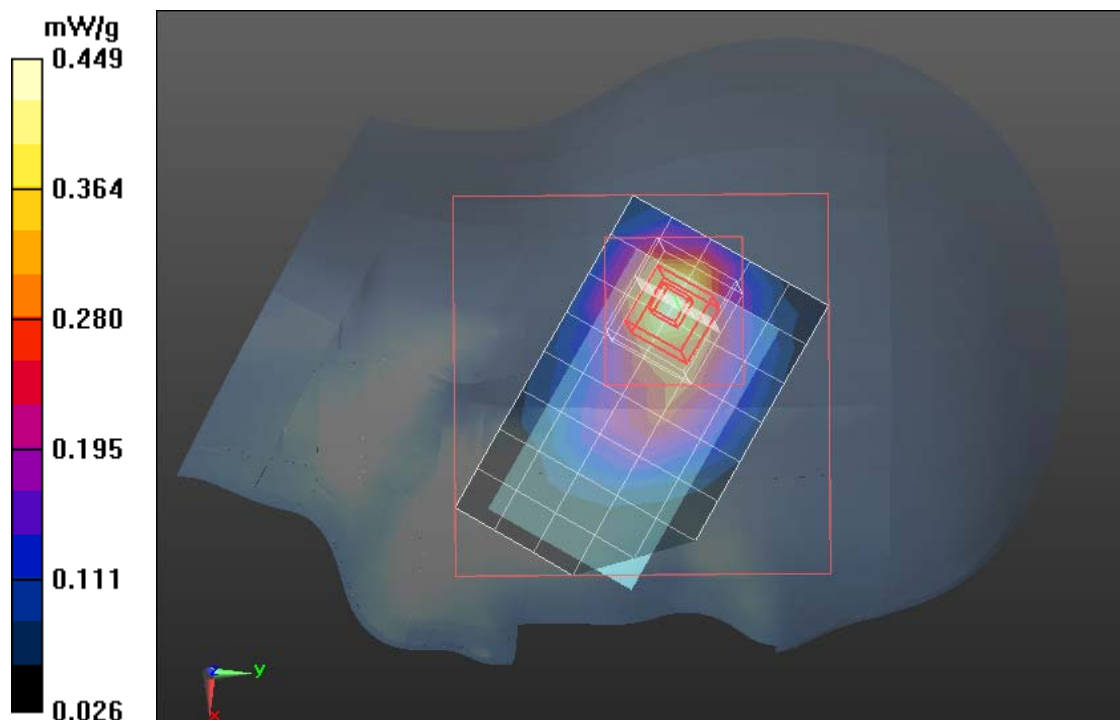
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 16.050 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.566 W/kg

**SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 0.449 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS 1900-Left Head Cheek Middle CH661**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

Maximum value of SAR (measured) = 0.365 mW/g

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

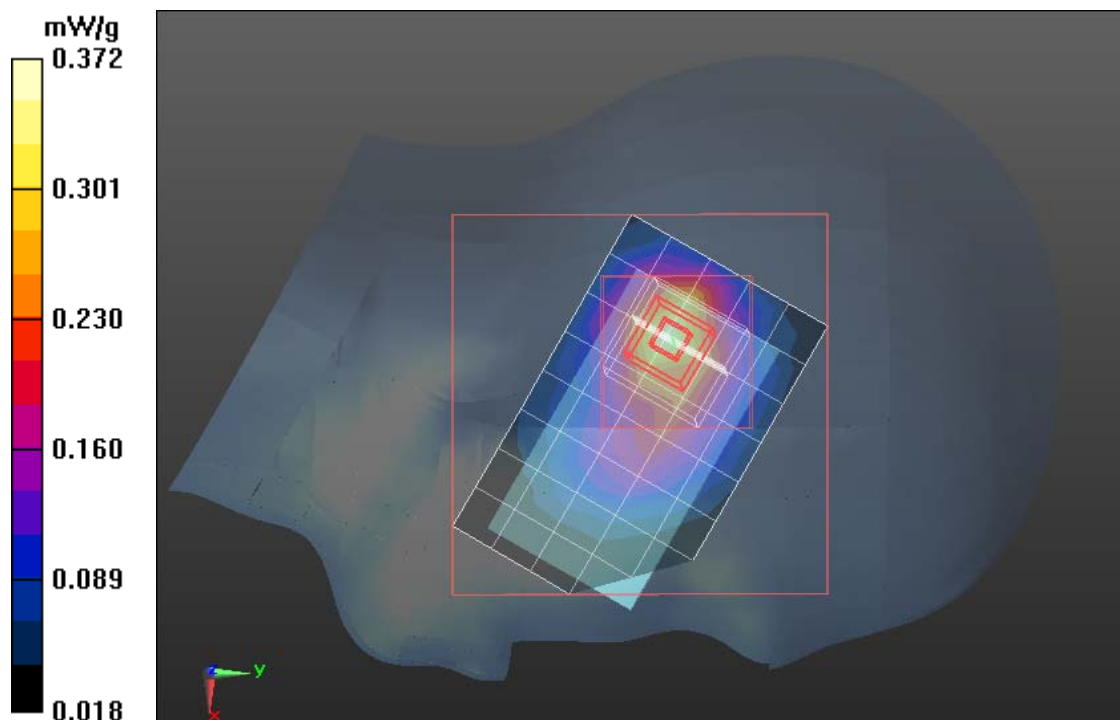
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 14.357 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.465 W/kg

**SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.372 mW/g





Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## **PCS 1900-Left Head Cheek High CH810**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.274 mW/g

**PCS1900/Left Head Tilted High CH810/Zoom Scan (7x7x9)/Cube 0:**

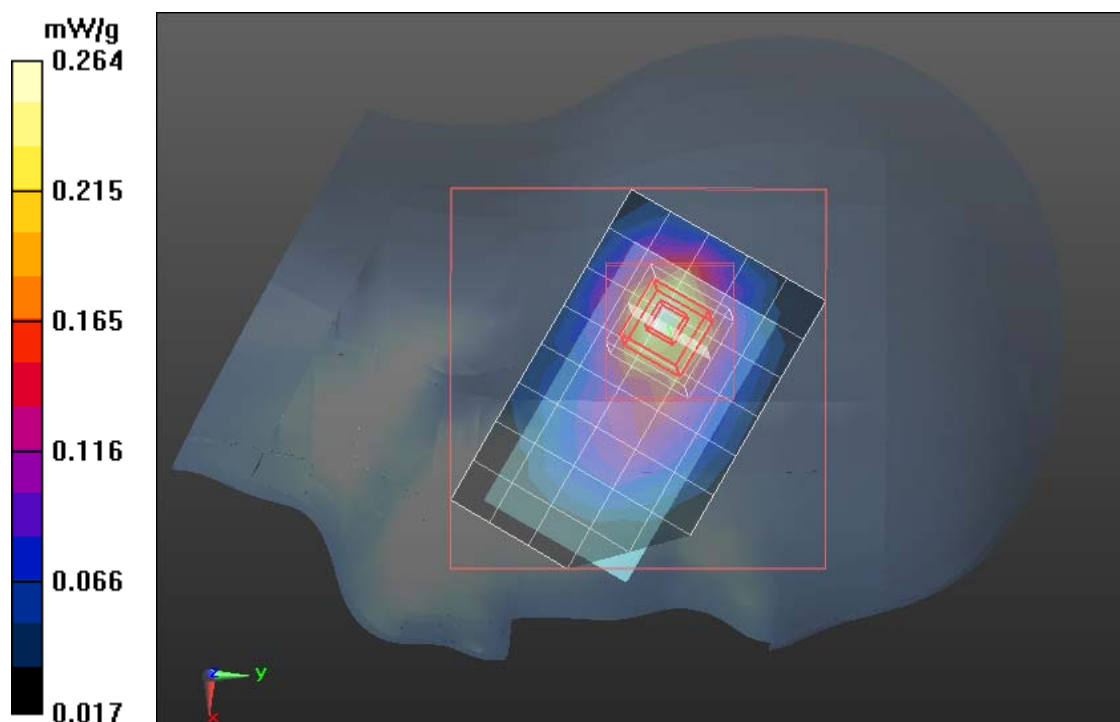
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.075 V/m; Power Drift = -0.05dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.264 mW/g







Test Laboratory: Compliance Certification Services Inc. September 26, 2011

## PCS 1900-Left Head Tilted Low CH512

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.87$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.403 mW/g

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

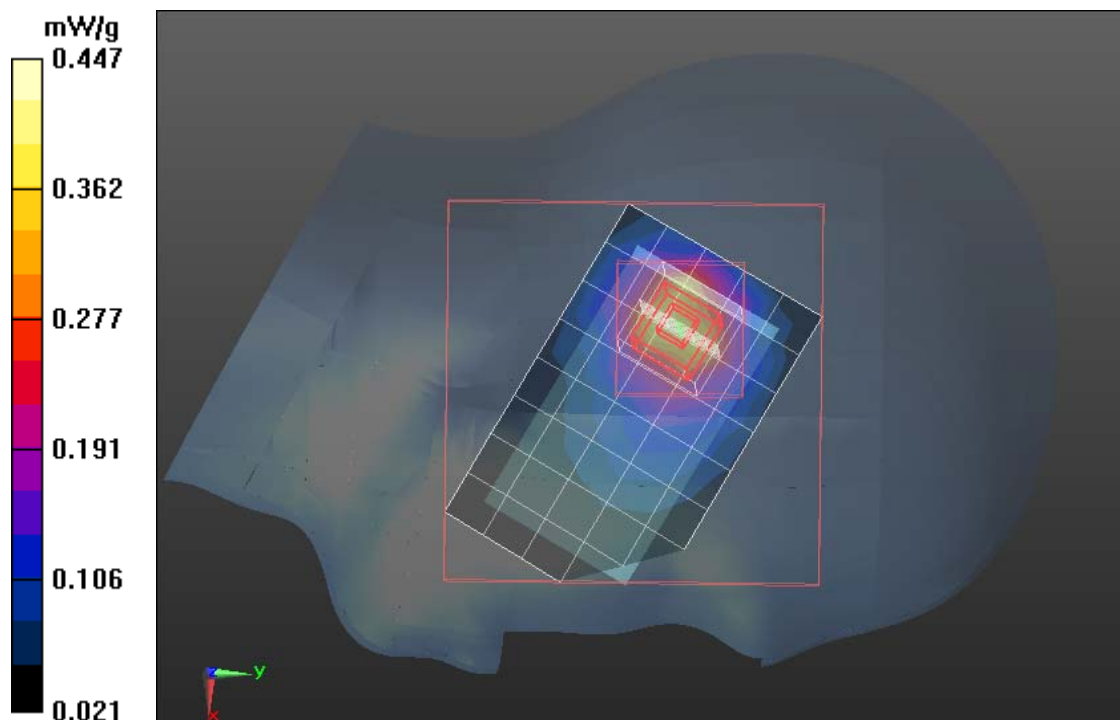
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 17.212 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.447 mW/g





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## **PCS 1900-Left Head Tilted Middle CH661**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880 MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):**

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

Maximum value of SAR (measured) = 0.306 mW/g

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

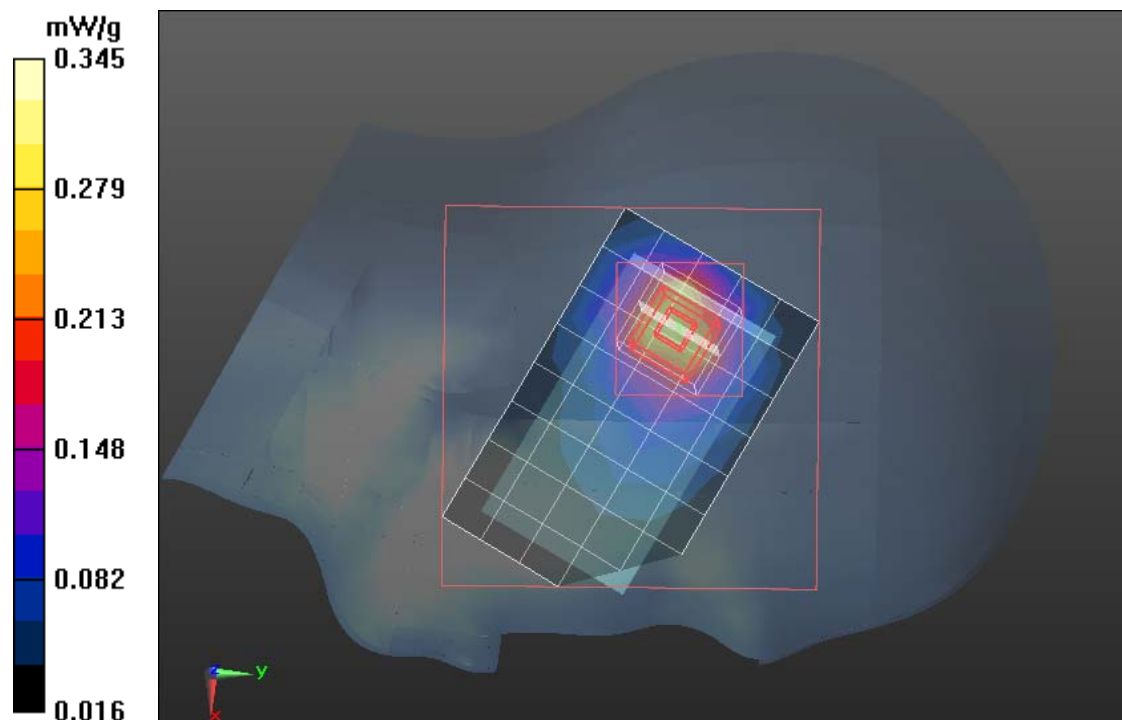
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 14.841 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.345 mW/g





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## **PCS 1900-Left Head Tilted High CH810**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1909.8 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.202 mW/g

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

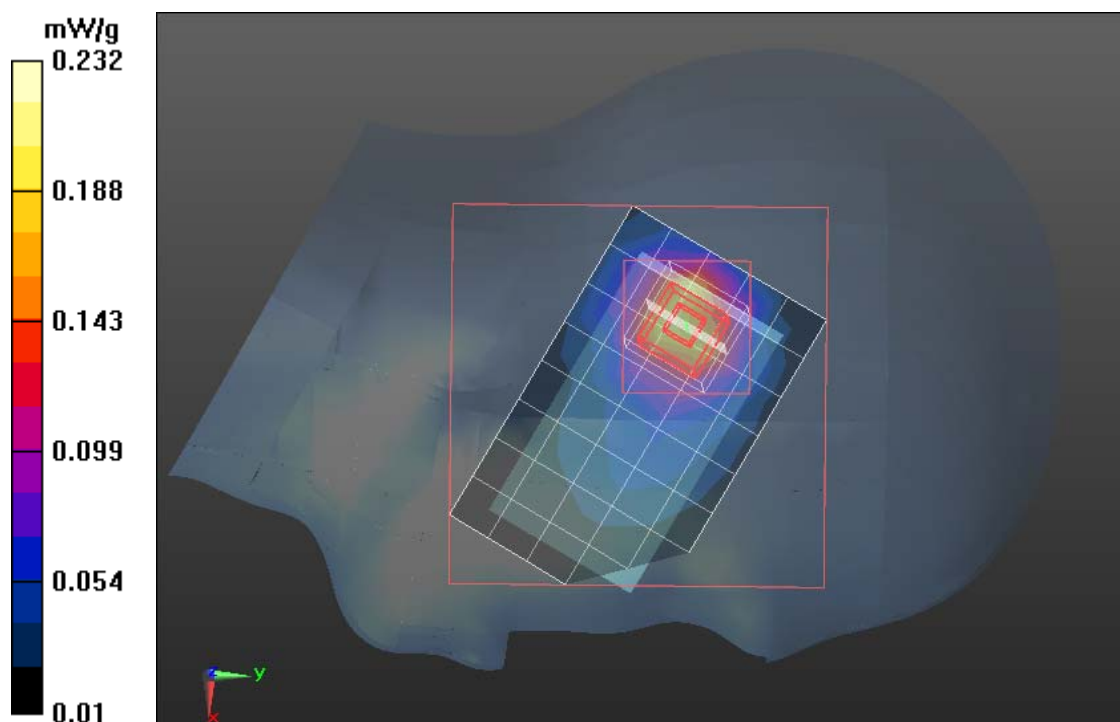
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 12.214 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.232 mW/g





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## PCS1900-Body Up Low CH512

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

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

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

Maximum value of SAR (measured) = 0.253 mW/g

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

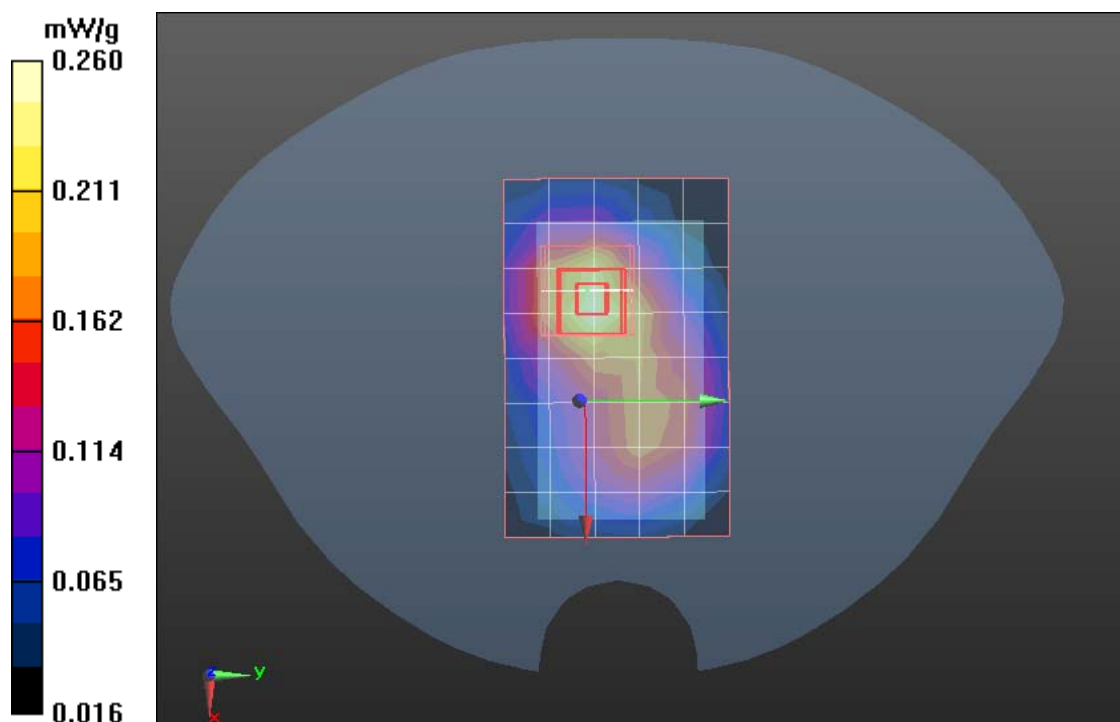
Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 11.219 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.340 W/kg

**SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.260 mW/g





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## PCS1900-Body Down Low CH512

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 9.03 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

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

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

Maximum value of SAR (measured) = 0.913 mW/g

## GSM1900/GSM1900 Body Down Low CH512/Zoom Scan (8x7x9)/Cube

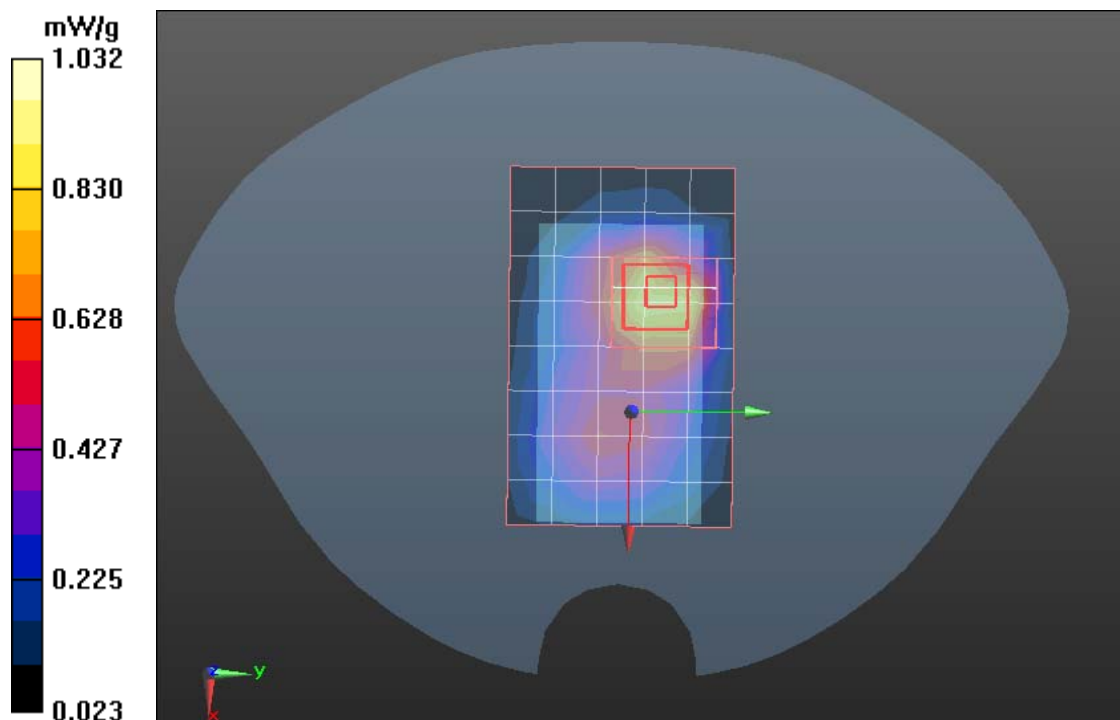
**0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 18.547 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.482 W/kg

**SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 1.032 mW/g





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## **GPRS 1900-Body Up Low CH512**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GPRS; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 3.01 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

## **GPRS 1900/GPRS1900 Body Up Low CH512/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.158 mW/g

## **GPRS 1900/GPRS1900 Body Up Low CH512/Zoom Scan (7x7x9)/Cube**

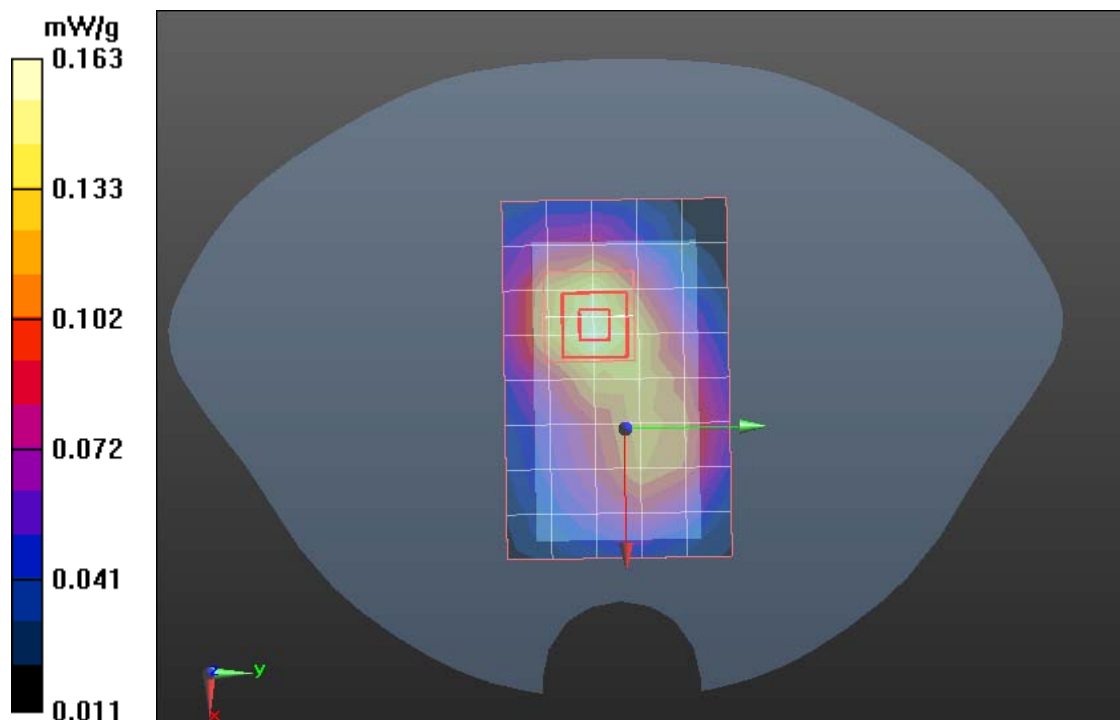
**0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 9.168 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.163 mW/g







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## **GPRS 1900-Body Down Low CH51**

**DUT: Mobile Phone; Type: KRAZE; Serial: 251888101011080**

Communication System: Generic GPRS; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR: 3.01 dB

Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.24$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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)

## **GPRS 1900/GPRS1900 Body Down Low CH512/Area Scan (6x9x1):**

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

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

## **GPRS 1900/GPRS1900 Body Down Low CH512/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=3$ mm

Reference Value = 14.990 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.694 W/kg

**SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.249 mW/g**

Maximum value of SAR (measured) = 0.536 mW/g

