



# Compliance Certification Services Inc.

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Test Laboratory: Compliance Certification Services Inc.

September 4, 2011

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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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: DASYS2, 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) = 0.892 mW/g

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

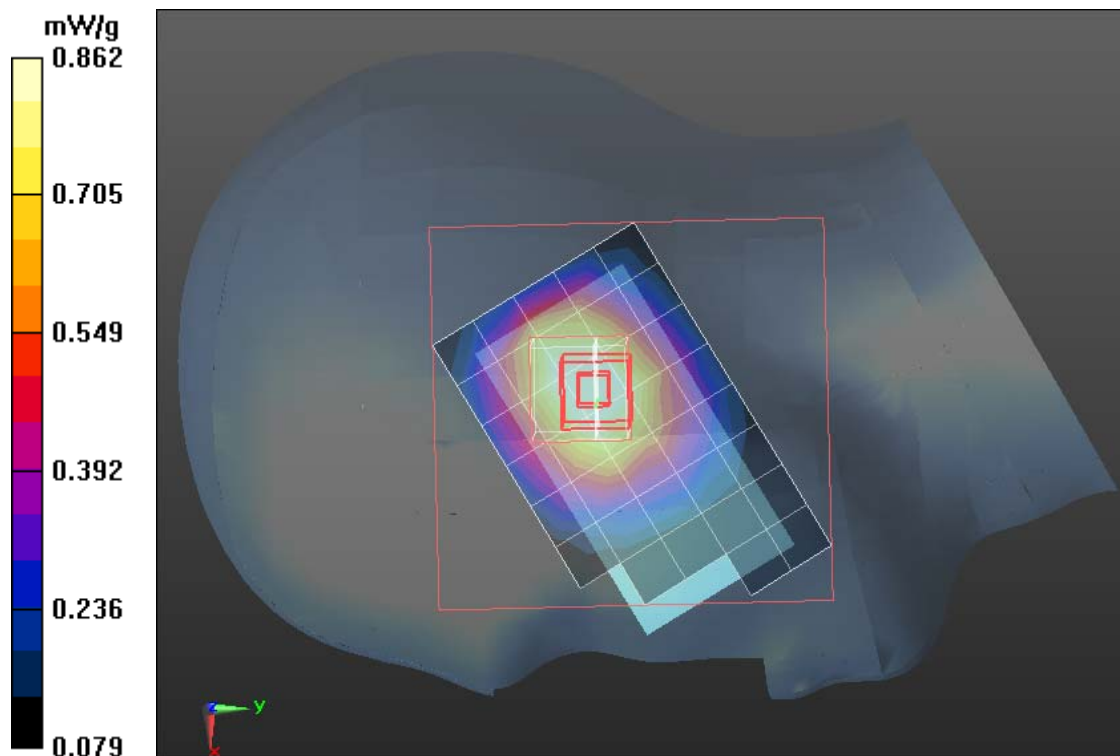
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.077 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.049 W/kg

**SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.614 mW/g**

Maximum value of SAR (measured) = 0.862 mW/g





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

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

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

Maximum value of SAR (measured) = 0.858 mW/g

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

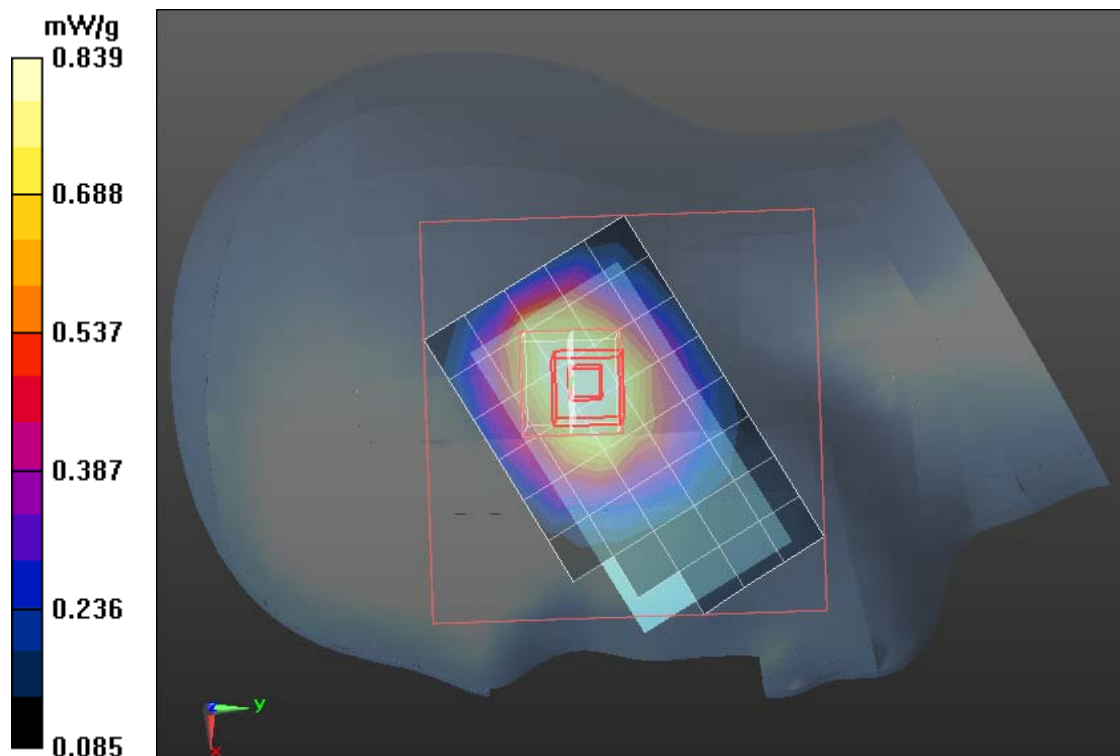
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.352 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.014 W/kg

**SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.604 mW/g**

Maximum value of SAR (measured) = 0.839 mW/g





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.03 dB  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- 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) = 0.789 mW/g

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

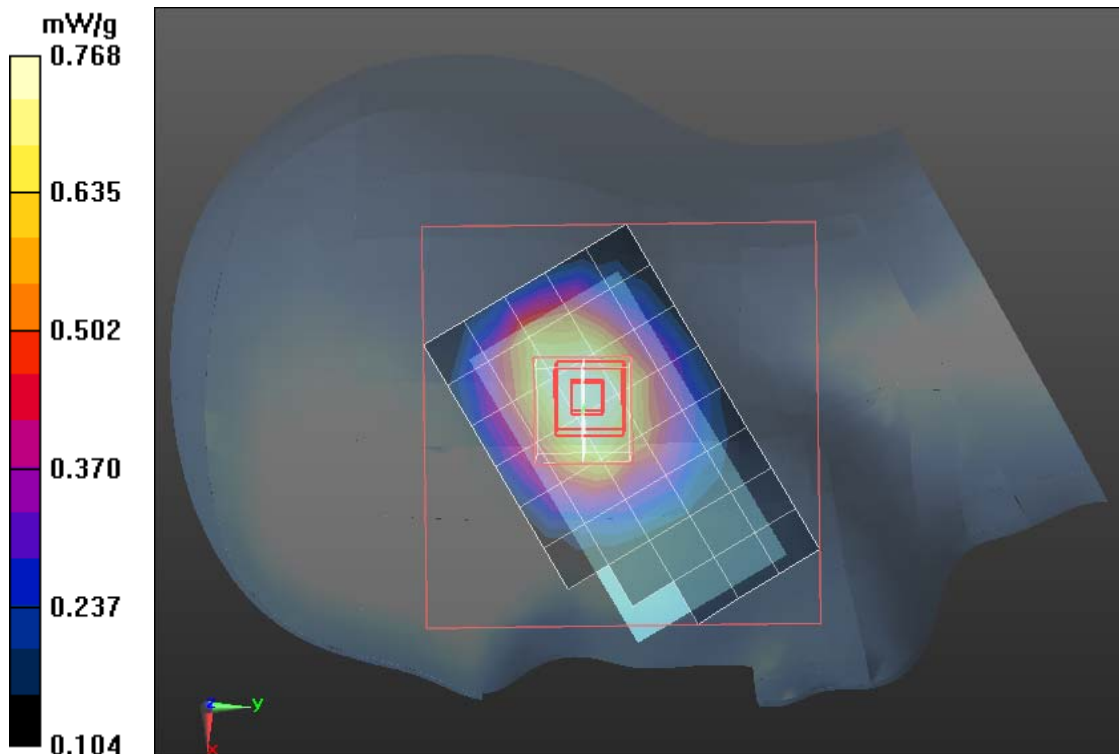
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.672 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.933 W/kg

**SAR(1 g) = 0.731 mW/g; SAR(10 g) = 0.552 mW/g**

Maximum value of SAR (measured) = 0.768 mW/g





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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: DASYS2, 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) = 0.670 mW/g

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

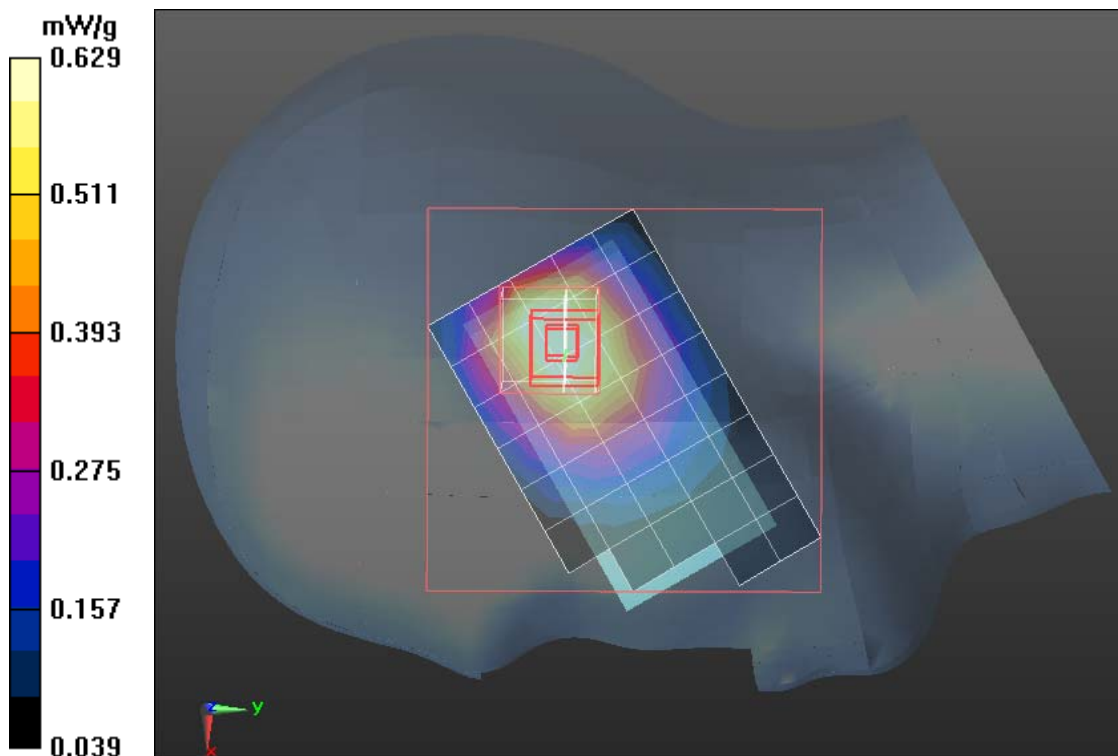
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.154 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.845 W/kg

**SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.428 mW/g**

Maximum value of SAR (measured) = 0.629 mW/g





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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=15mm, dy=15mm

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

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

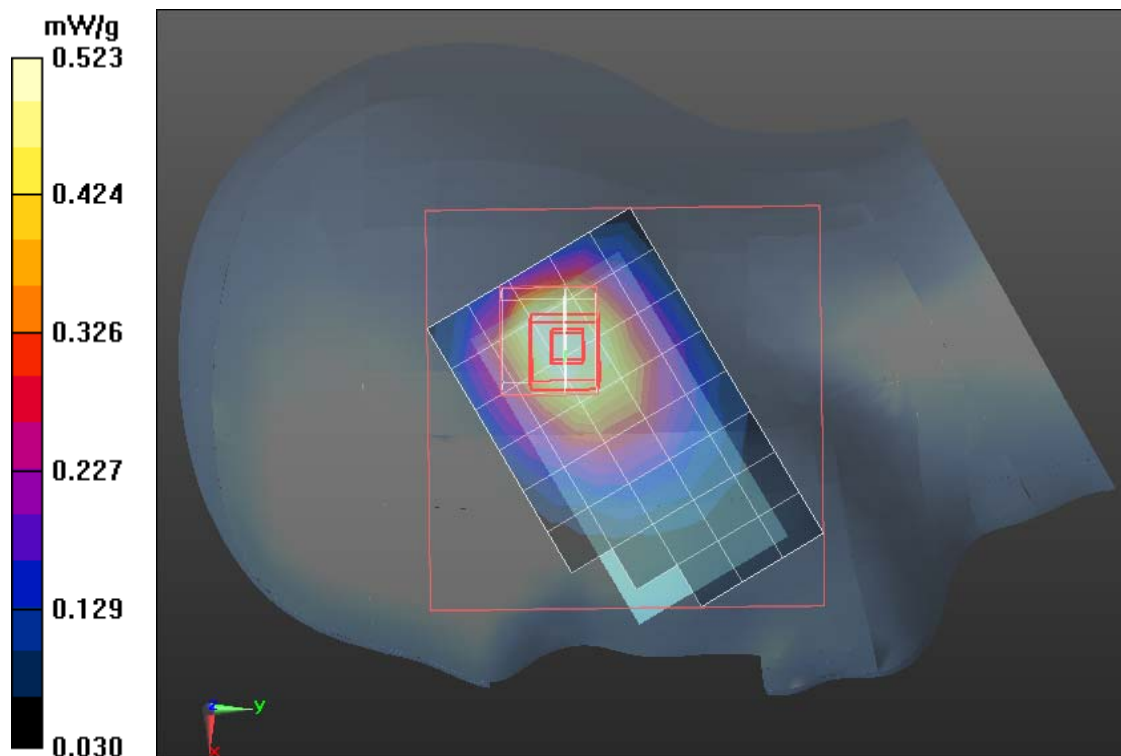
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.290 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.723 W/kg

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.347 mW/g**

Maximum value of SAR (measured) = 0.523 mW/g







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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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

(824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.03 dB

Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- 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) = 0.472 mW/g

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

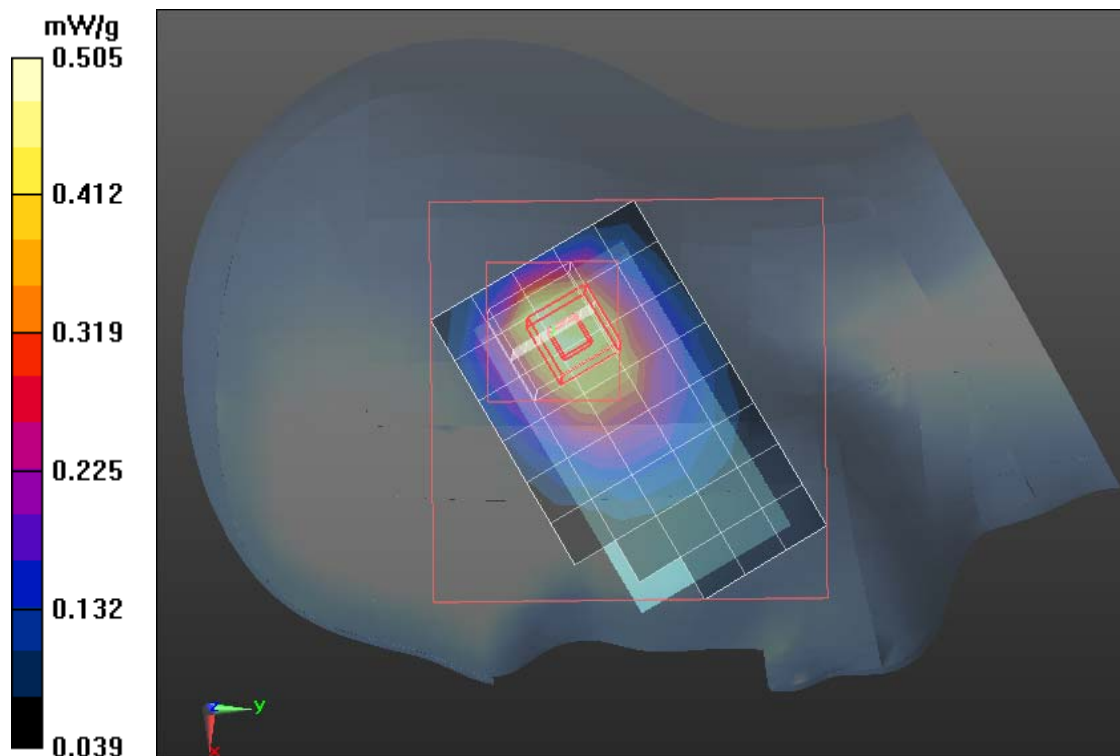
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.658 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.638 W/kg

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.304 mW/g**

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





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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: DASYS2, 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) = 0.592 mW/g

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

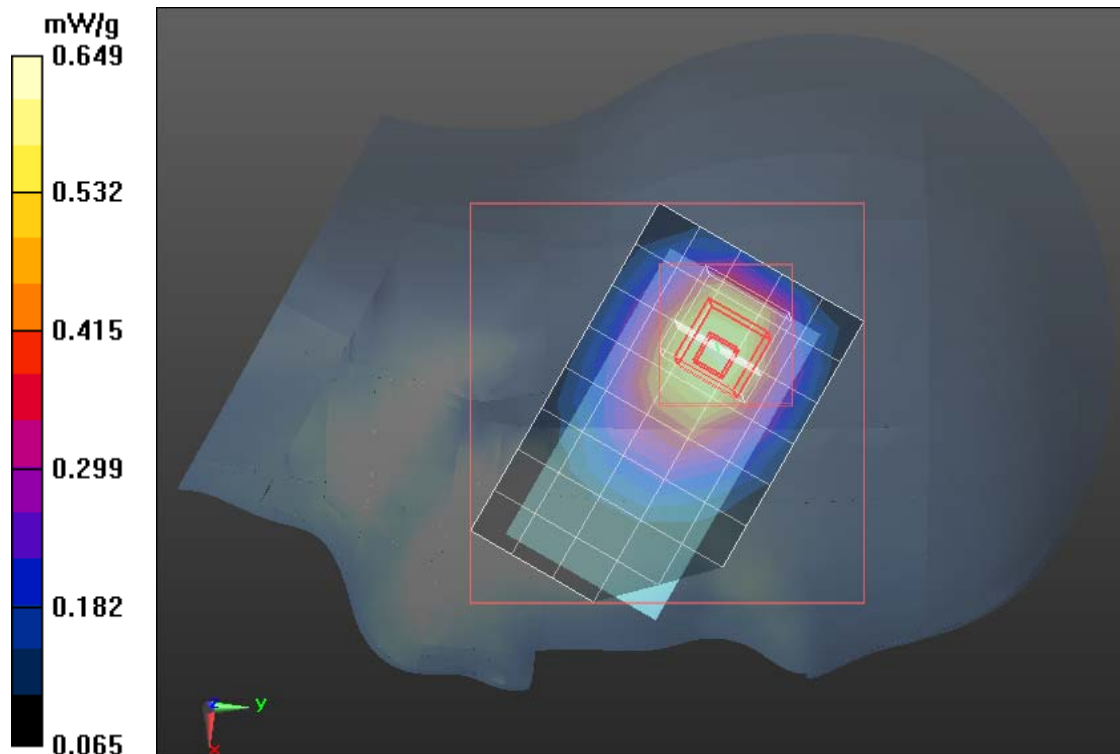
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.294 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.721 W/kg

**SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.422 mW/g**

Maximum value of SAR (measured) = 0.649 mW/g







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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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) = 0.897 mW/g

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

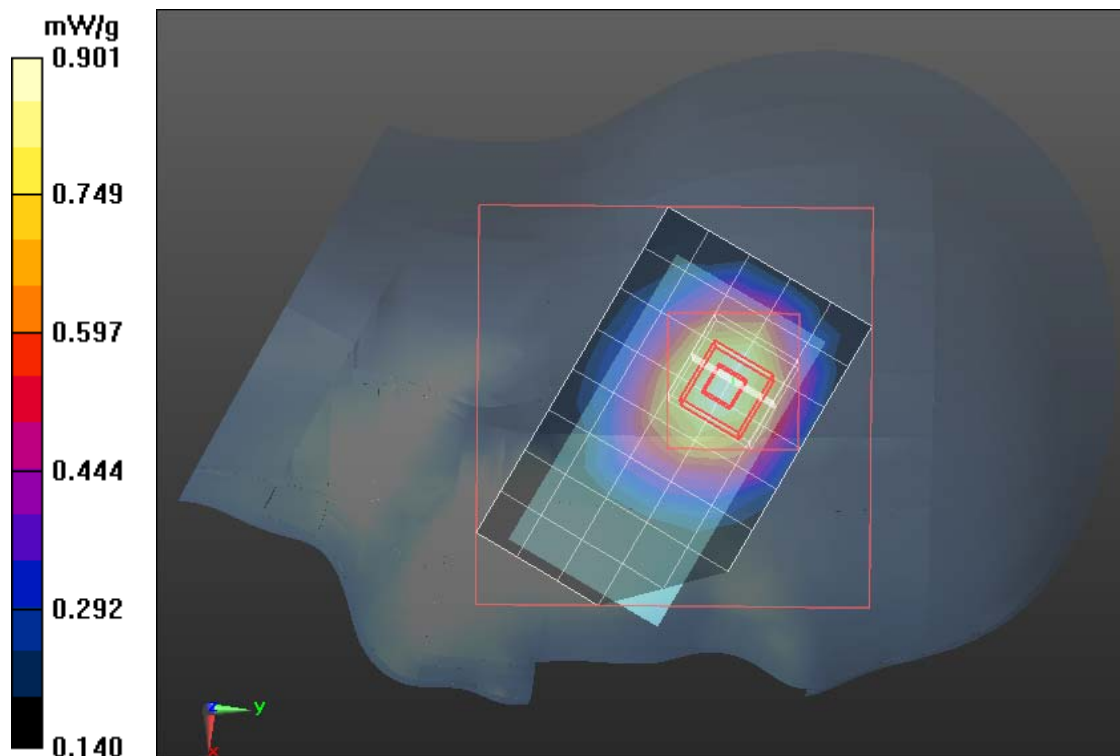
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.131 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.990 W/kg

**SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 0.901 mW/g





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- 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) = 0.818 mW/g

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

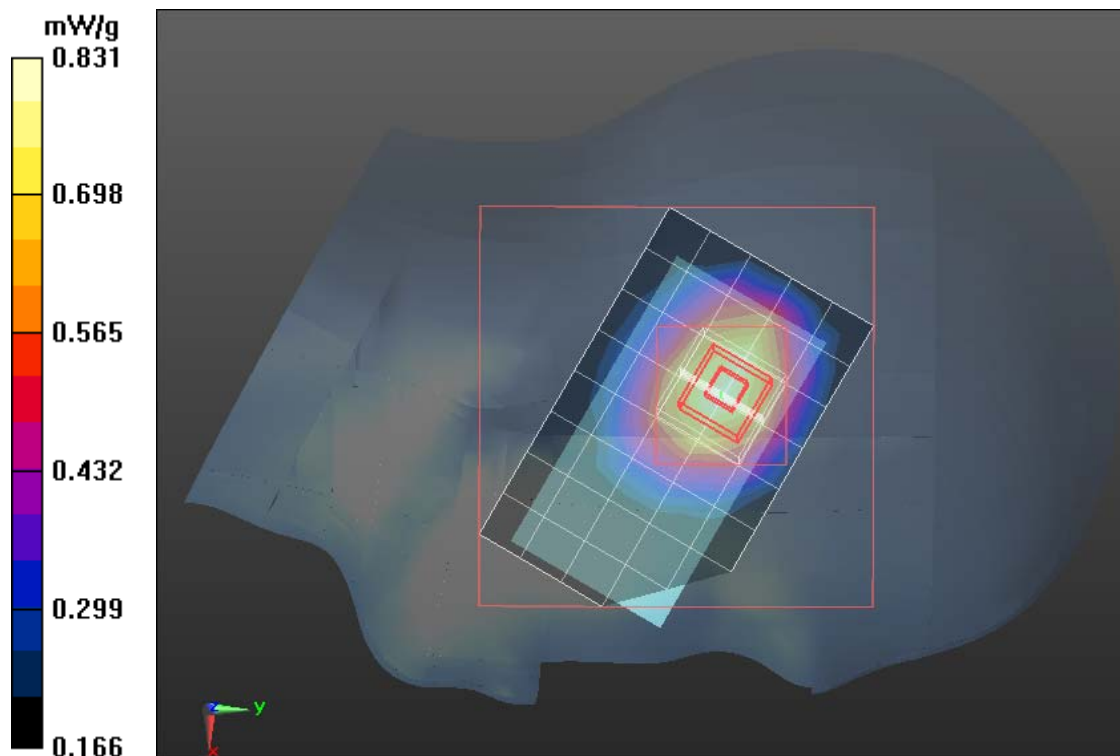
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.915 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.913 W/kg

**SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.572 mW/g**

Maximum value of SAR (measured) = 0.831 mW/g





Test Laboratory: Compliance Certification Services Inc.

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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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: DASYS2, 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) = 0.606 mW/g

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

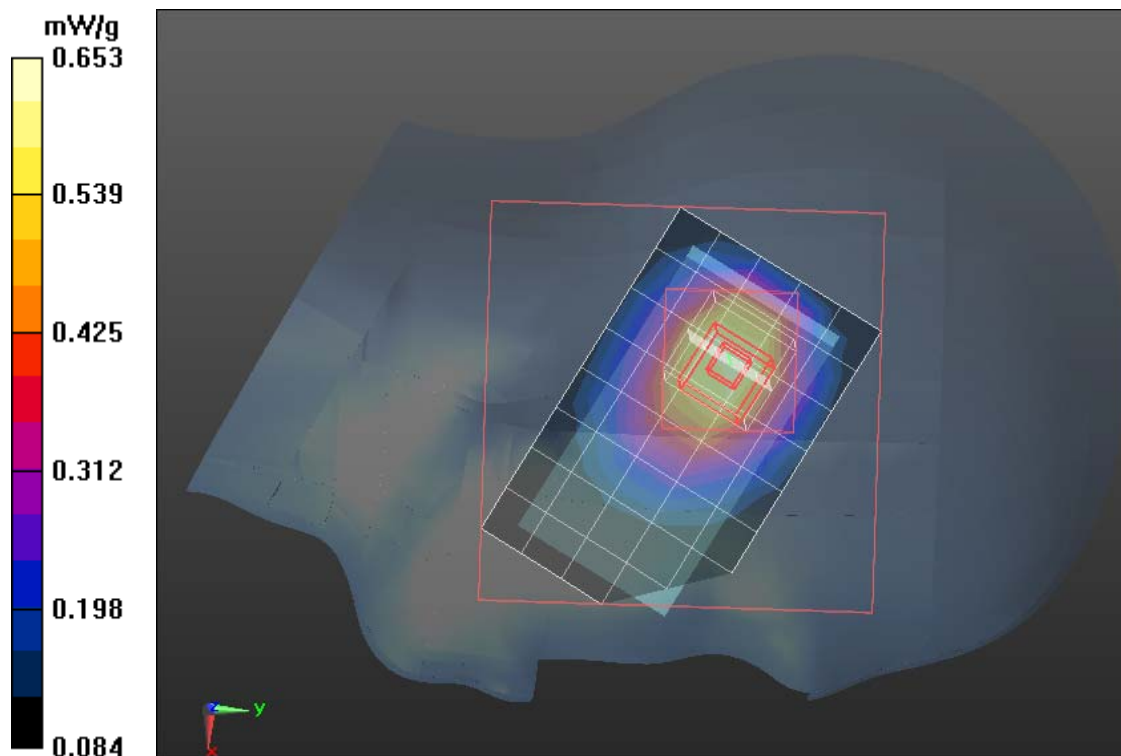
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.535 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.725 W/kg

**SAR(1 g) = 0.579 mW/g; SAR(10 g) = 0.432 mW/g**

Maximum value of SAR (measured) = 0.653 mW/g





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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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: DASYS2, 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) = 0.522 mW/g

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

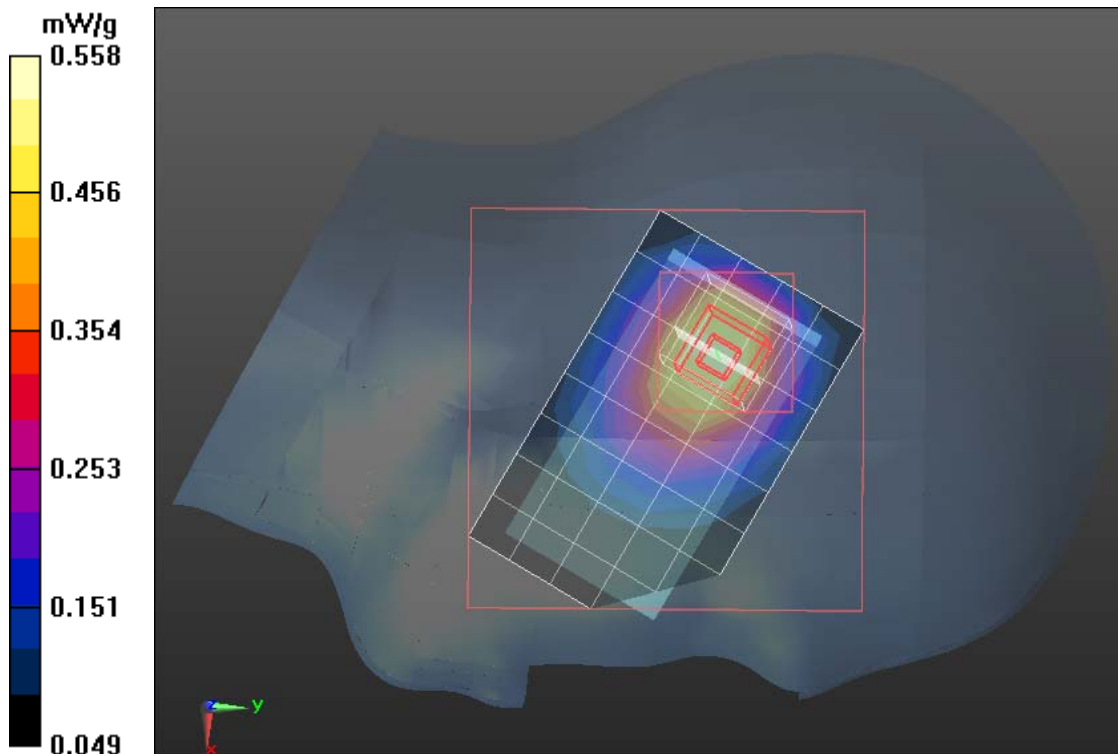
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.082 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.629 W/kg

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.354 mW/g**

Maximum value of SAR (measured) = 0.558 mW/g





Test Laboratory: Compliance Certification Services Inc.

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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GSM; Communication System Band: GSM 850 (824.0 - 849.0 MHz); Frequency: 848.8 MHz; Communication System PAR: 9.03 dB  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.899$  mho/m;  $\epsilon_r = 41.327$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(8.99, 8.99, 8.99); Calibrated: 1/20/2011
- 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: DASYS2, 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) = 0.510 mW/g

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

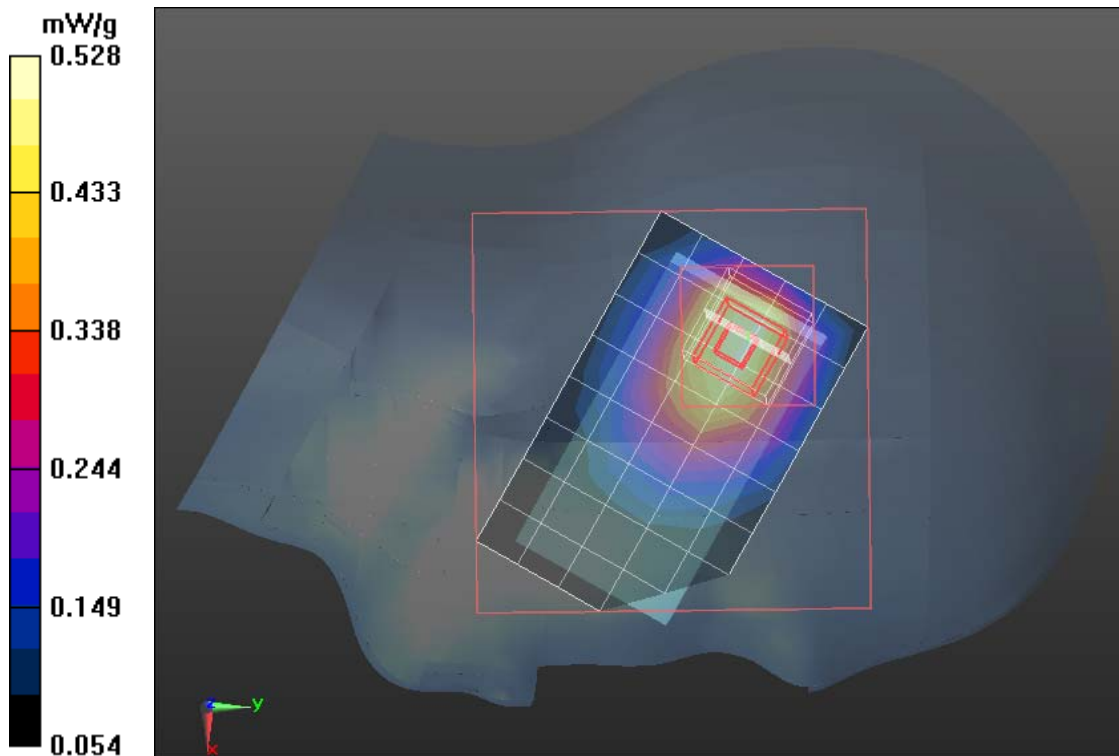
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.432 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 0.528 mW/g







Test Laboratory: Compliance Certification Services Inc.

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## **GSM 850-Body Up Low CH128**

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 55.015$ ;  $\rho = 1000$  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 Low CH128/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.427 mW/g

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

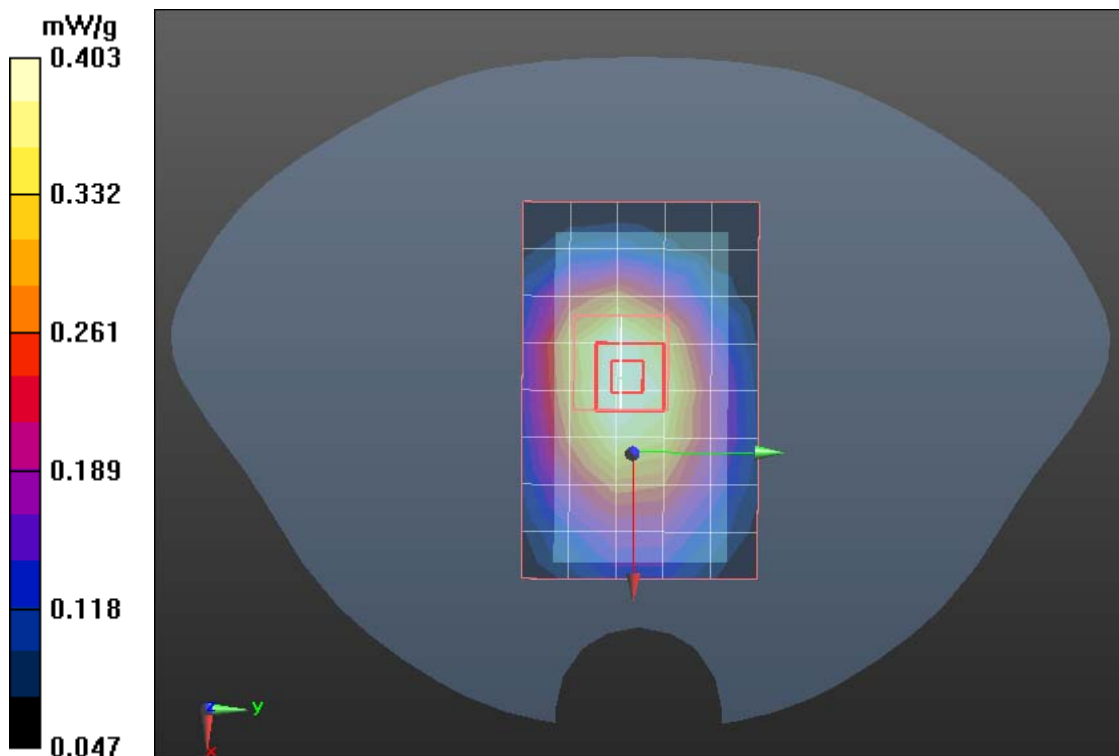
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.143 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.494 W/kg

**SAR(1 g) = 0.385 mW/g; SAR(10 g) = 0.288 mW/g**

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







Test Laboratory: Compliance Certification Services Inc.

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## **GSM 850-Body Down Low CH128**

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 55.204$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- 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 CH128/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.998 mW/g

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

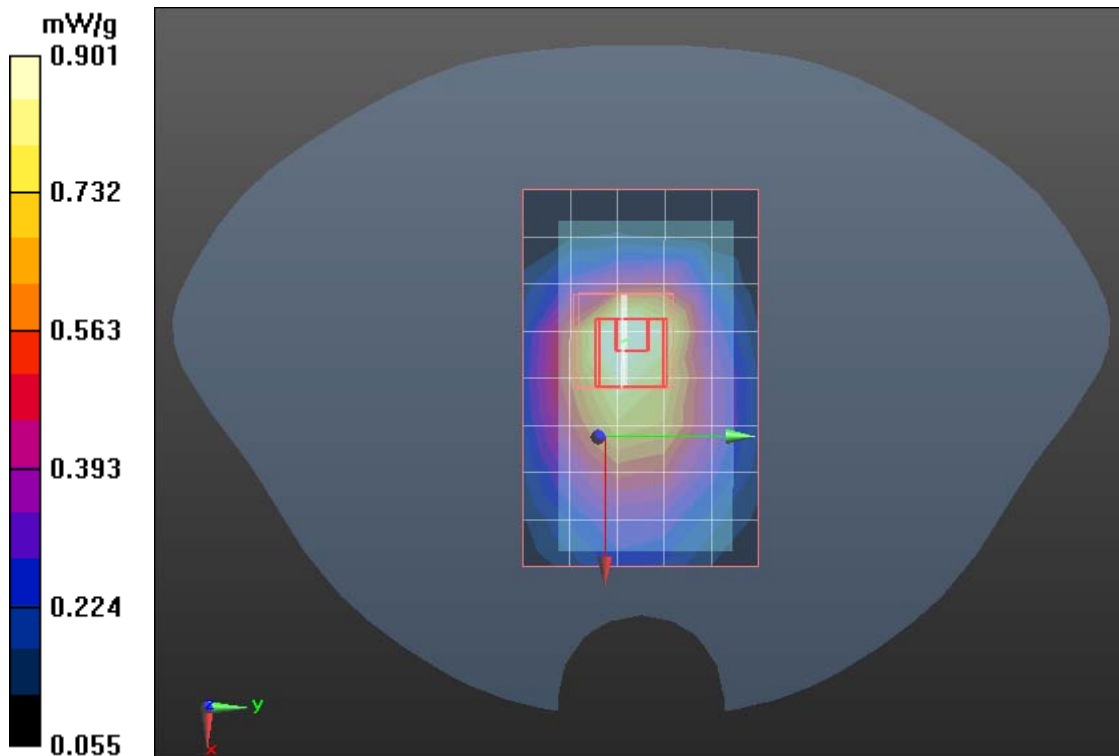
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.902 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.208 W/kg

**SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.593 mW/g**

Maximum value of SAR (measured) = 0.901 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## **GPRS 850-Body Up Low CH128**

**DUT: GPRS Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 3.01 dB  
Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 55.628$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2011
- 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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS 850/GPRS850 Body Up Low CH128/Area Scan (6x9x1):**

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

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

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

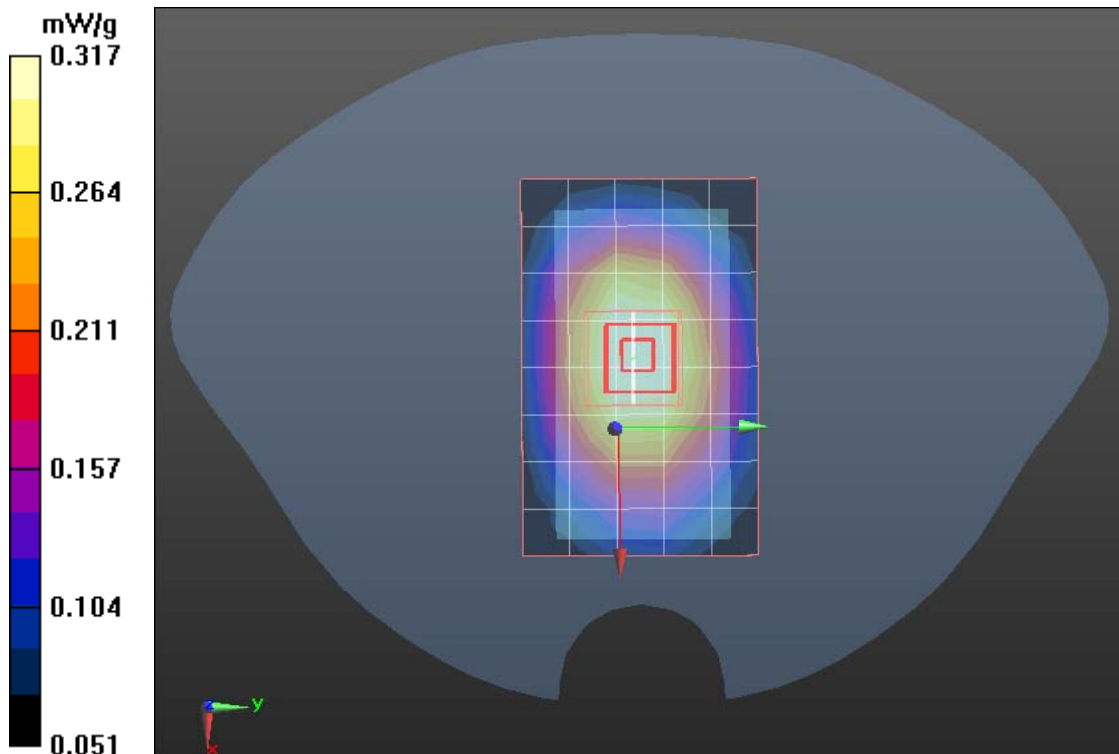
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.230 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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## **GPRS 850-Body Down Low CH128**

**DUT: GPRS Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GPRS; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 824.2 MHz; Communication System PAR: 3.01 dB  
Medium parameters used (interpolated):  $f = 824.2$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 55.628$ ;  $\rho = 1000$  kg/m<sup>3</sup> Phantom section: Flat Section

Measurement Standard: DASYS5 (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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS 850/GPRS850 Body Down Low CH128/Area Scan (6x9x1):**

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

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

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

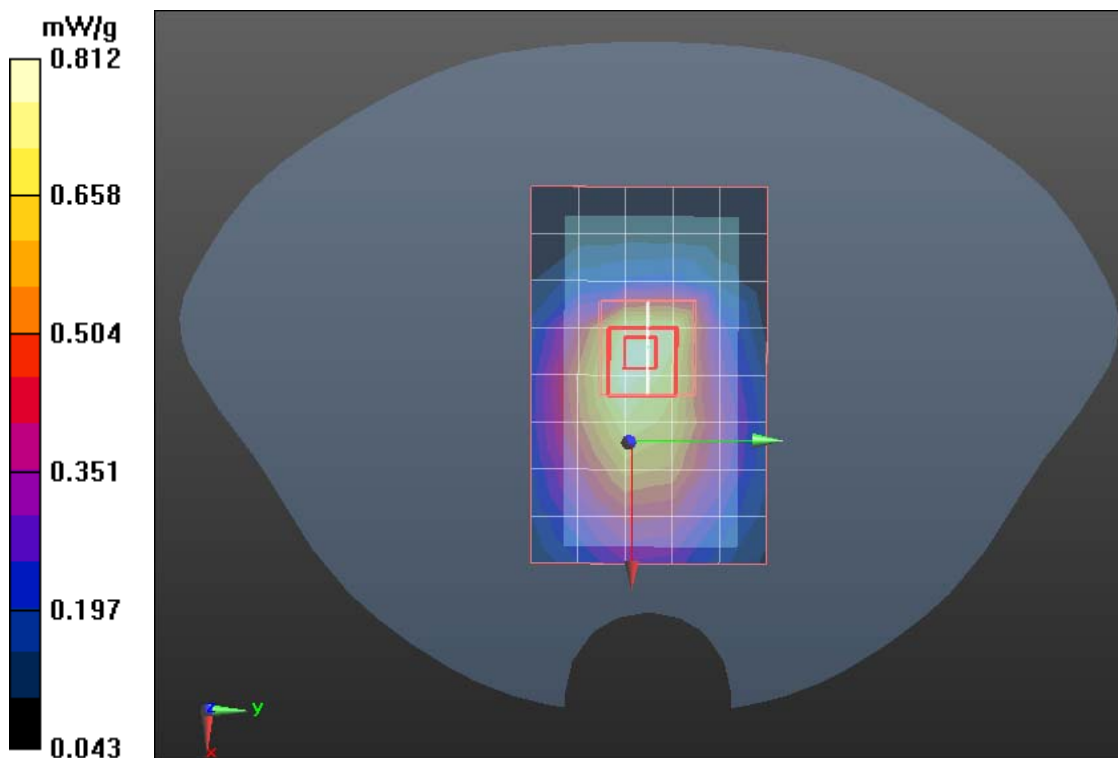
**0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.084 W/kg

**SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.524 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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## PCS-1900-Right Head Cheek Low CH512

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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) = 0.723 mW/g

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

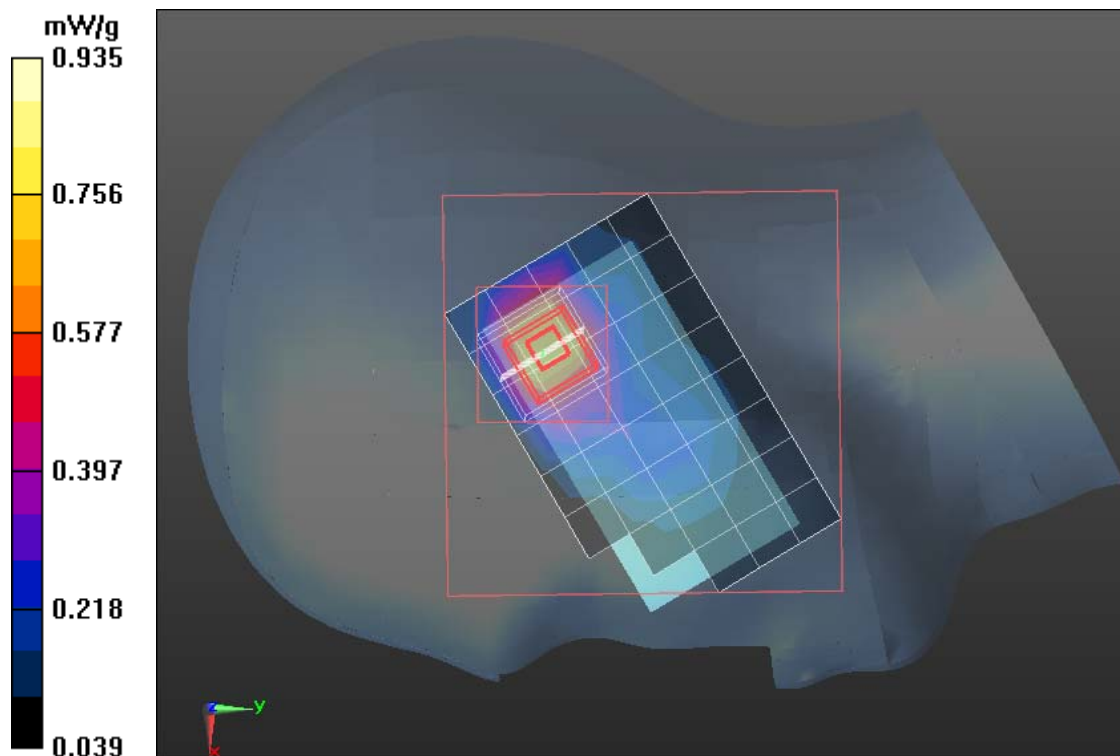
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.285 W/kg

**SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.399 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS5 (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) = 0.727 mW/g

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

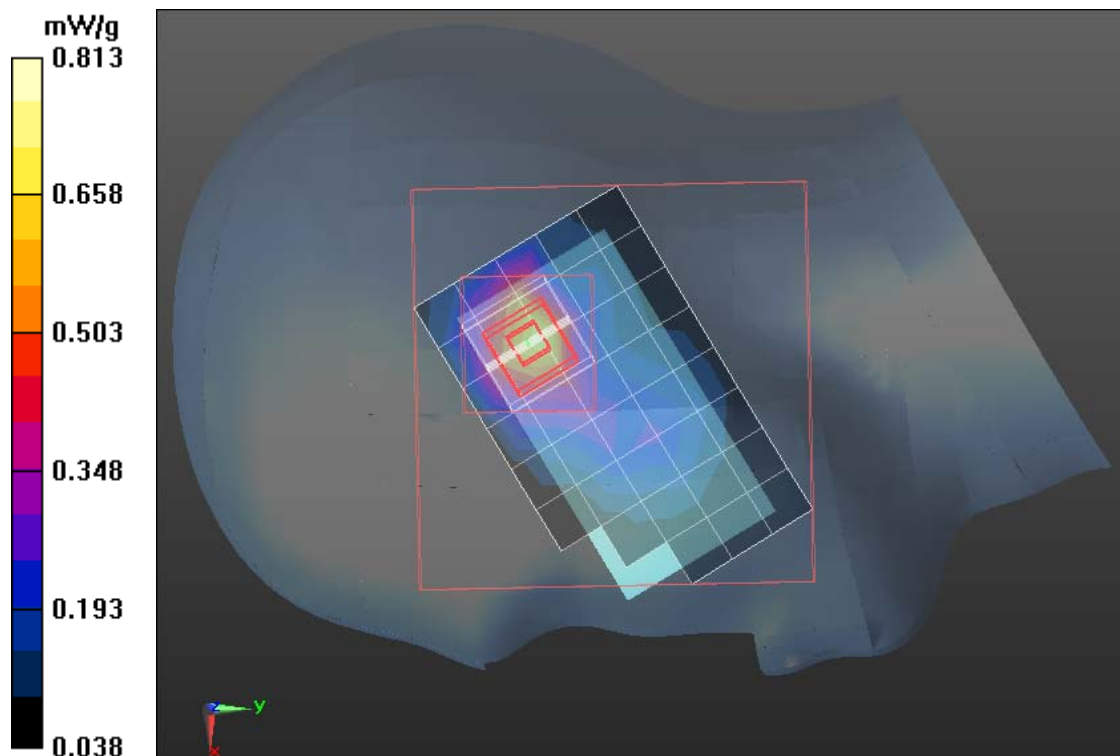
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 1.085 W/kg

**SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.340 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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## PCS-1900-Right Head Cheek High CH810

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1910\text{MHz}$ ;  $\sigma = 1.47\text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASYS5 (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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

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

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

Maximum value of SAR (measured) = 0.769 mW/g

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

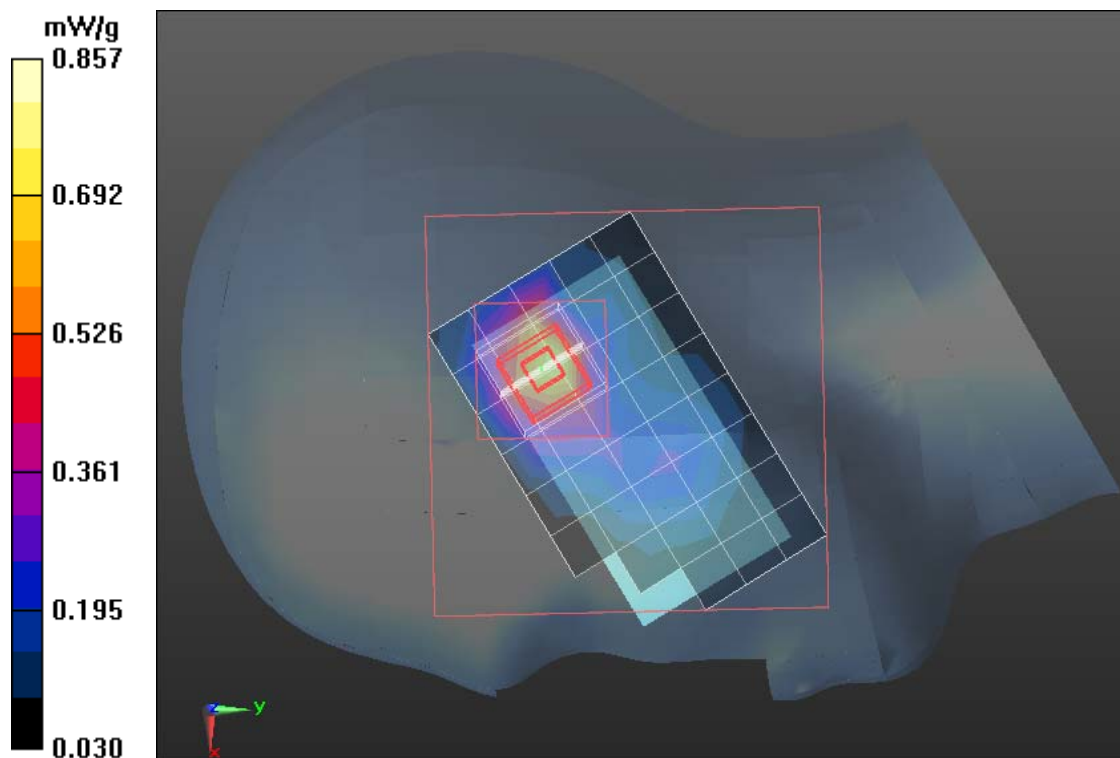
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 1.154 W/kg

**SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.357 mW/g**

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







Test Laboratory: Compliance Certification Services Inc.

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## PCS-1900-Right Head Tilted Low CH512

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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) = 0.816 mW/g

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

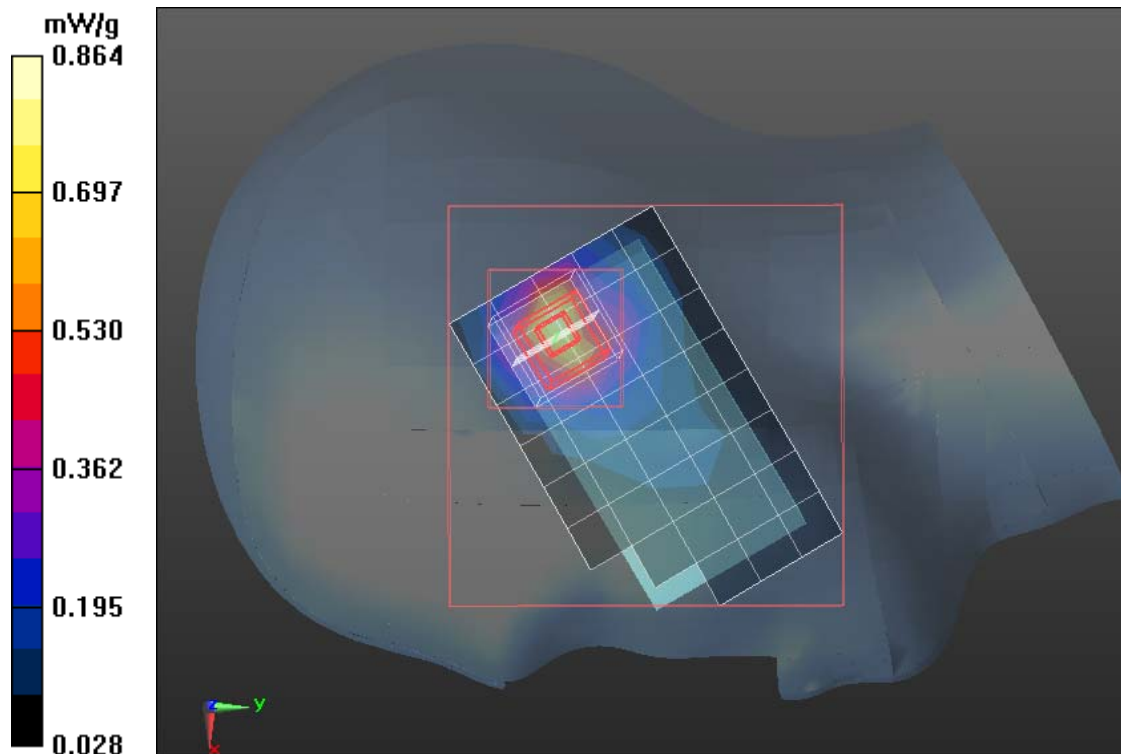
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.993 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.226 W/kg

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.343 mW/g**

Maximum value of SAR (measured) = 0.864 mW/g





Test Laboratory: Compliance Certification Services Inc.

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## PCS-1900-Right Head Tilted Middle CH661

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS5 (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: DASYS2, 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) = 0.698 mW/g

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

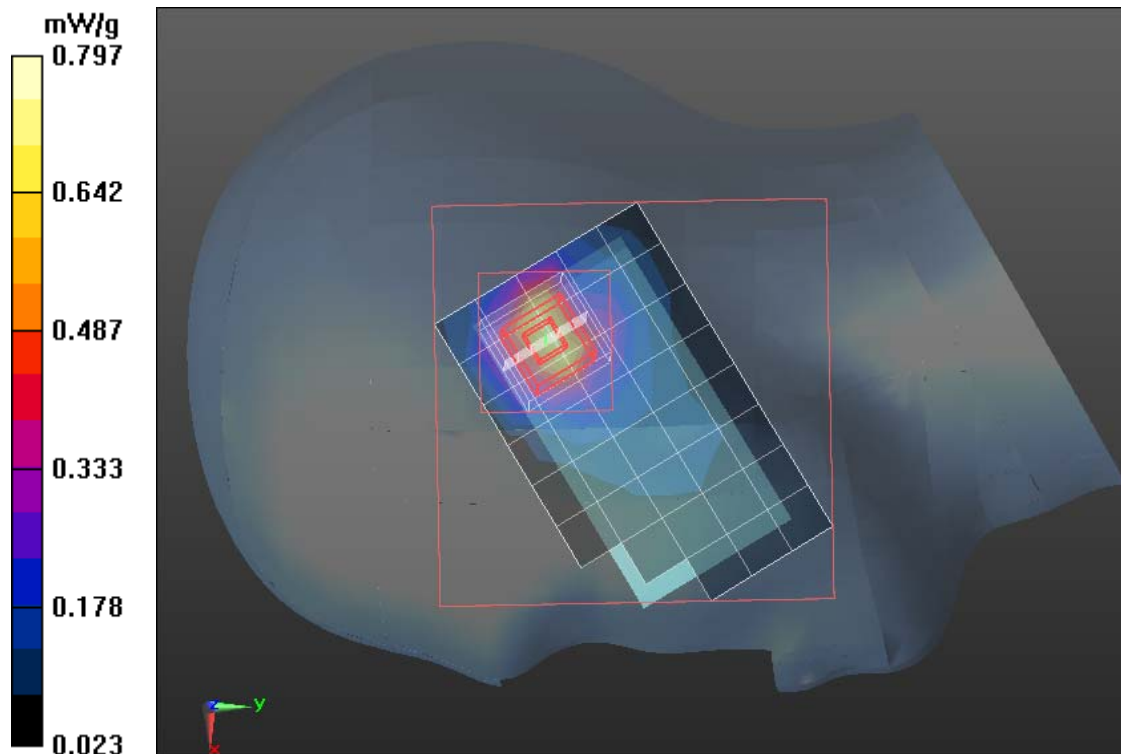
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.840 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.124 W/kg

**SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.314 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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## PCS-1900-Right Head Tilted High CH810

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1910\text{MHz}$ ;  $\sigma = 1.47\text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASYS5 (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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

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

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

Maximum value of SAR (measured) = 0.703 mW/g

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

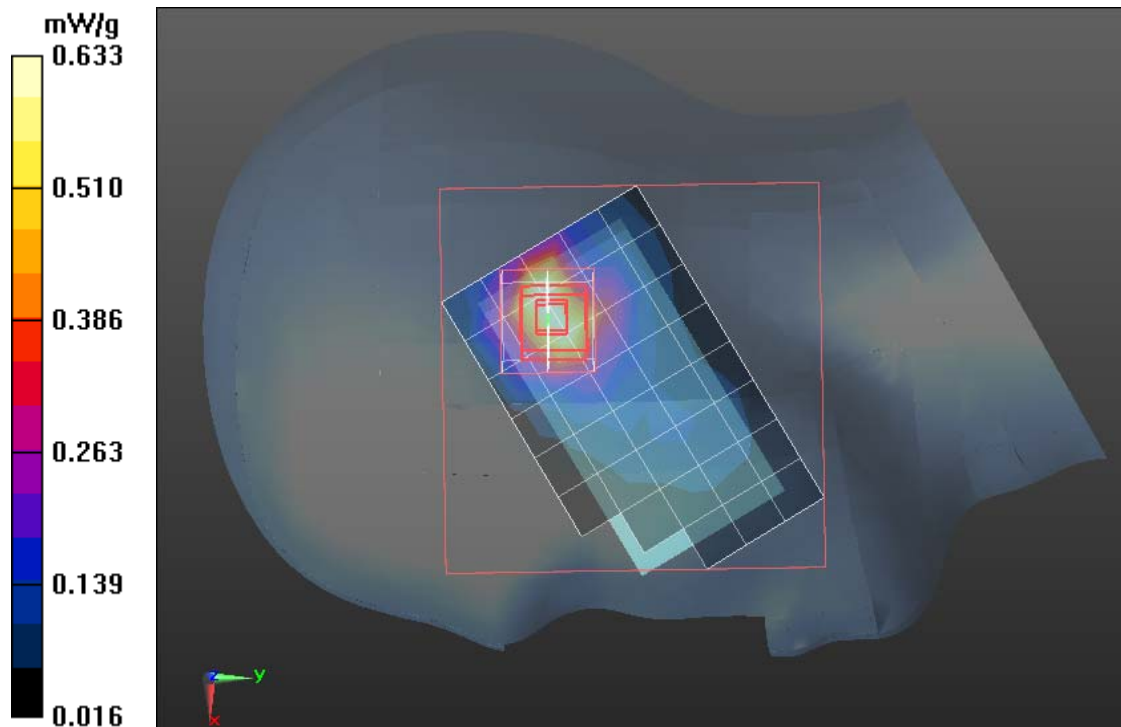
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 1.126 W/kg

**SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.301 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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## PCS 1900-Left Head Cheek Low CH512

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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) = 0.617 mW/g

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

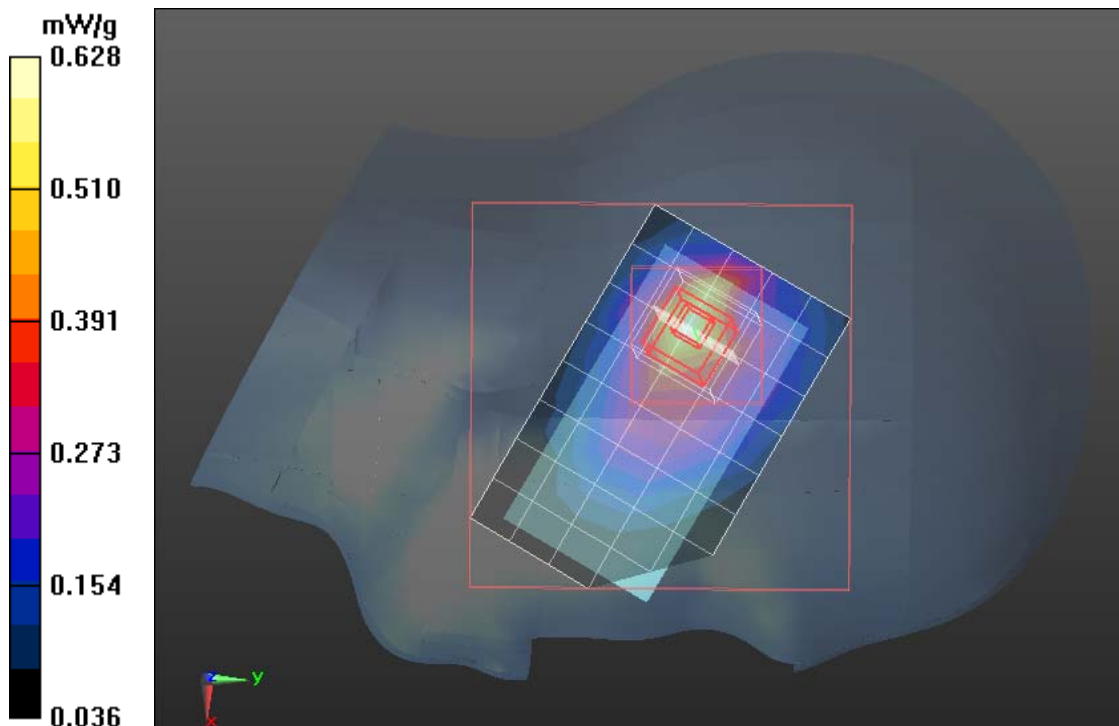
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.427 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.859 W/kg

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.283 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

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## PCS 1900-Left Head Cheek Middle CH661

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS5 (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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

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

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

Maximum value of SAR (measured) = 0.513 mW/g

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

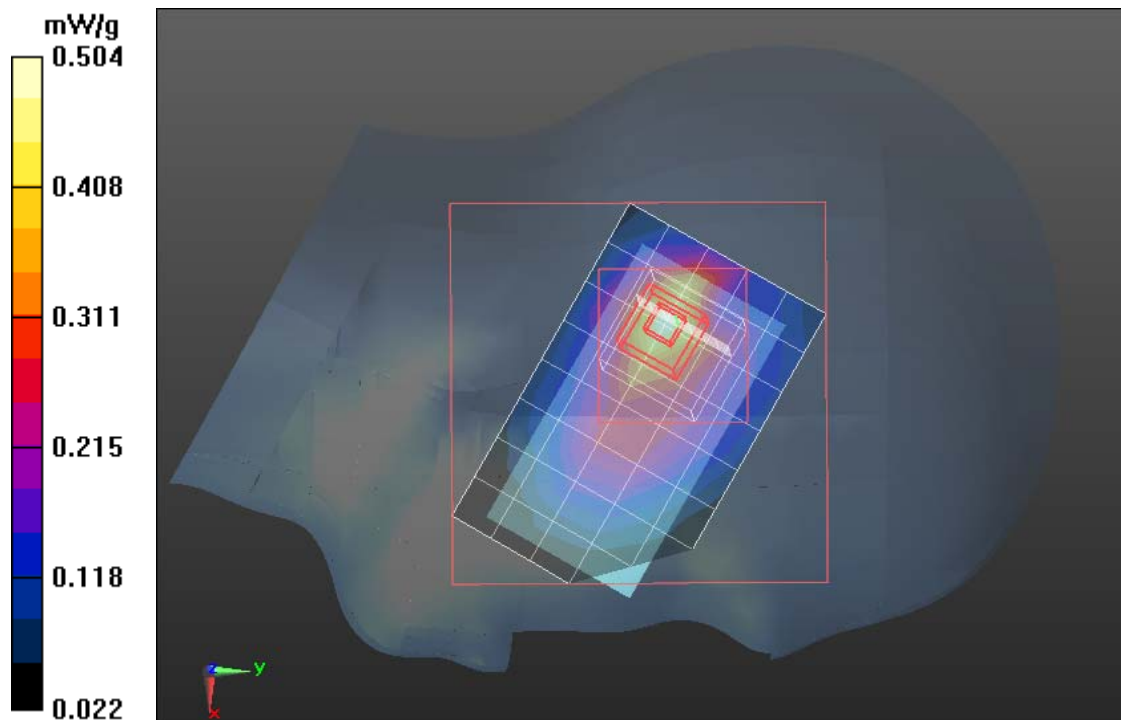
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.020 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.661 W/kg

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.233 mW/g**

Maximum value of SAR (measured) = 0.504 mW/g







Test Laboratory: Compliance Certification Services Inc.

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## PCS 1900-Left Head Cheek High CH810

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1910\text{MHz}$ ;  $\sigma = 1.47\text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Left Section

Measurement Standard: DASYS5 (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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

**PCS1900/Left Head Cheek High CH810/Area Scan (6x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.533 mW/g

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

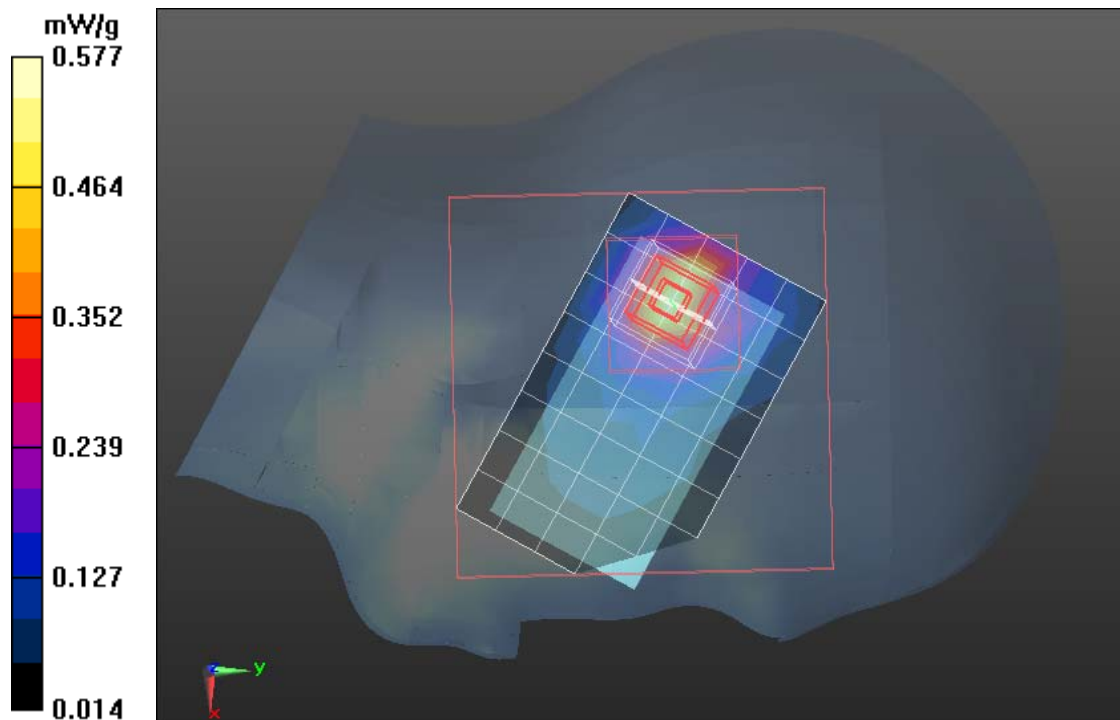
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.796 W/kg

**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.234 mW/g**

Maximum value of SAR (measured) = 0.577 mW/g







Test Laboratory: Compliance Certification Services Inc.

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## PCS 1900-Left Head Tilted Low CH512

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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: DASYS (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) = 0.604 mW/g

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

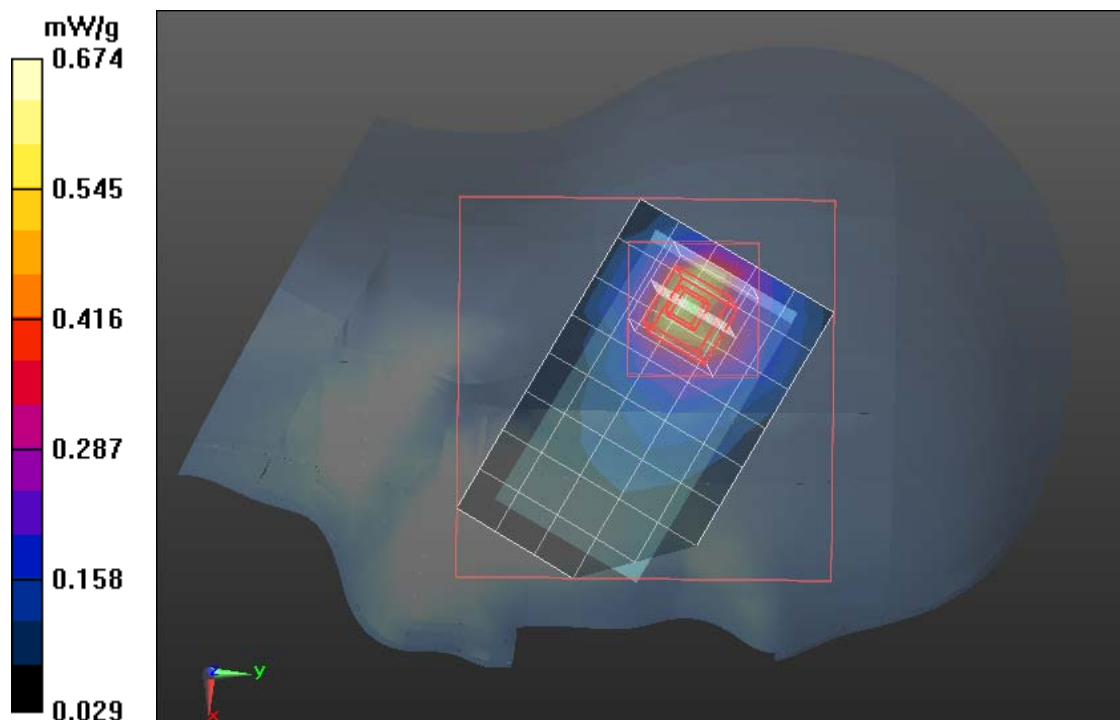
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.502 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.918 W/kg

**SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.674 mW/g





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## PCS 1900-Left Head Tilted Middle CH661

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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=15mm, dy=15mm

Maximum value of SAR (measured) = 0.575 mW/g

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

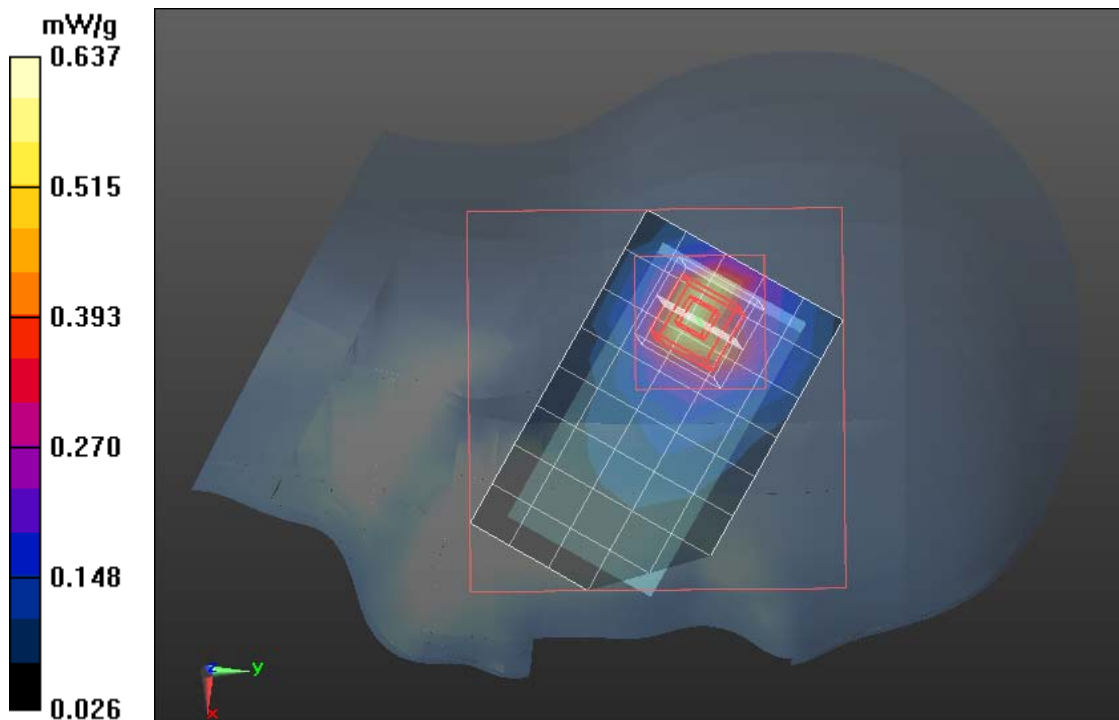
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.771 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.868 W/kg

**SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.637 mW/g





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## PCS 1900-Left Head Tilted High CH810

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

Communication System: Generic GSM; Communication System Band: PCS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910MHz; Communication System PAR: 9.03 dB  
Medium parameters used:  $f = 1910\text{MHz}$ ;  $\sigma = 1.47\text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000\text{ kg/m}^3$

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 (6x9x1):

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

Maximum value of SAR (measured) = 0.454 mW/g

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

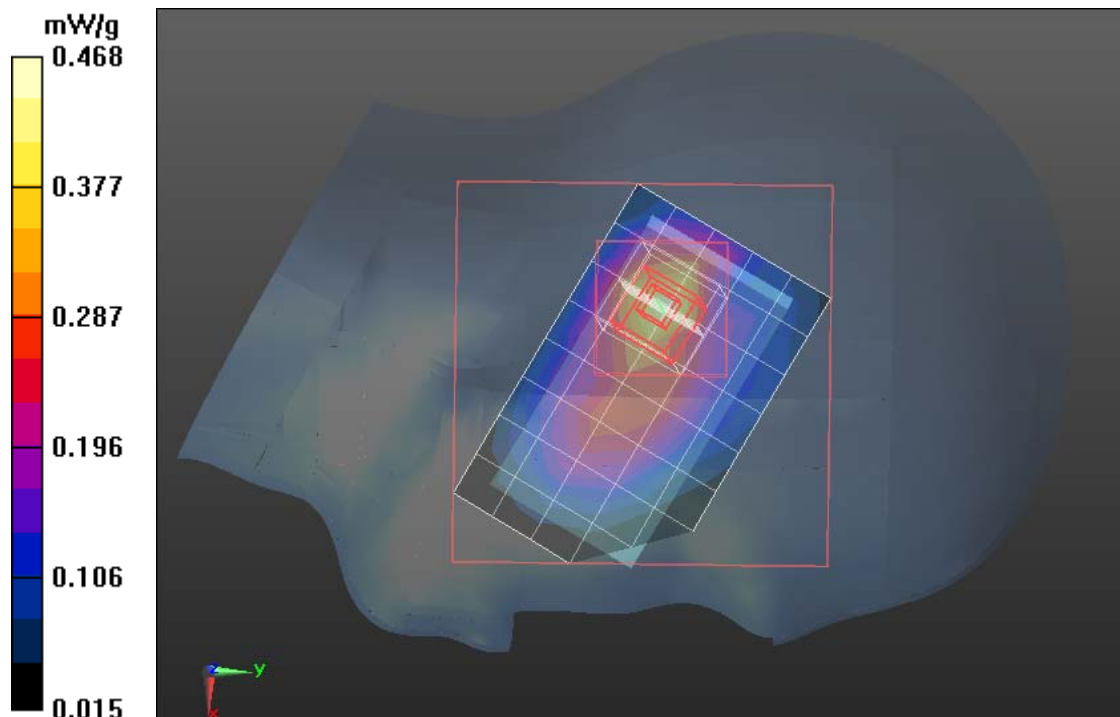
Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

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

Peak SAR (extrapolated) = 0.615 W/kg

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.208 mW/g**

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





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## PCS1900-Body Up Low CH512

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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)

## PCS1900/ PCS1900 Body Up Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.380 mW/g

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

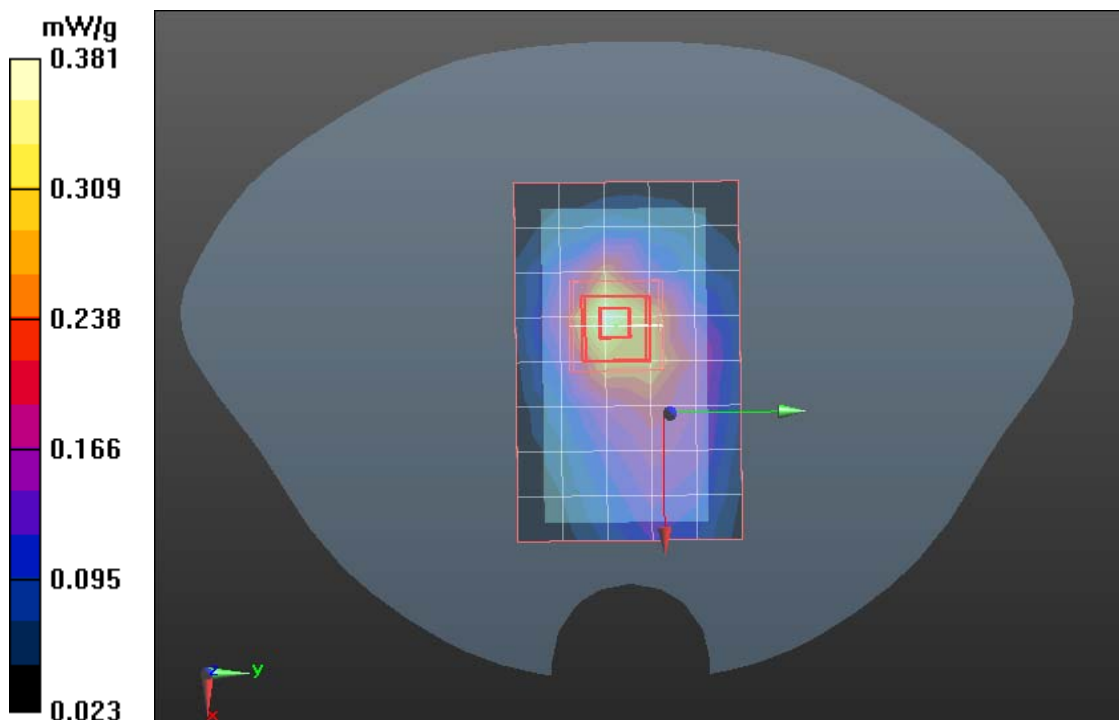
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.177 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.496 W/kg

**SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.381 mW/g





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## PCS1900-Body Down Low CH512

**DUT: GSM Mobile Phone; Type: Q800; Serial: 864055002064003**

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)

## PCS1900/ PCS1900 Body Down Low CH512/Area Scan (6x9x1):

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

Maximum value of SAR (measured) = 0.753 mW/g

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

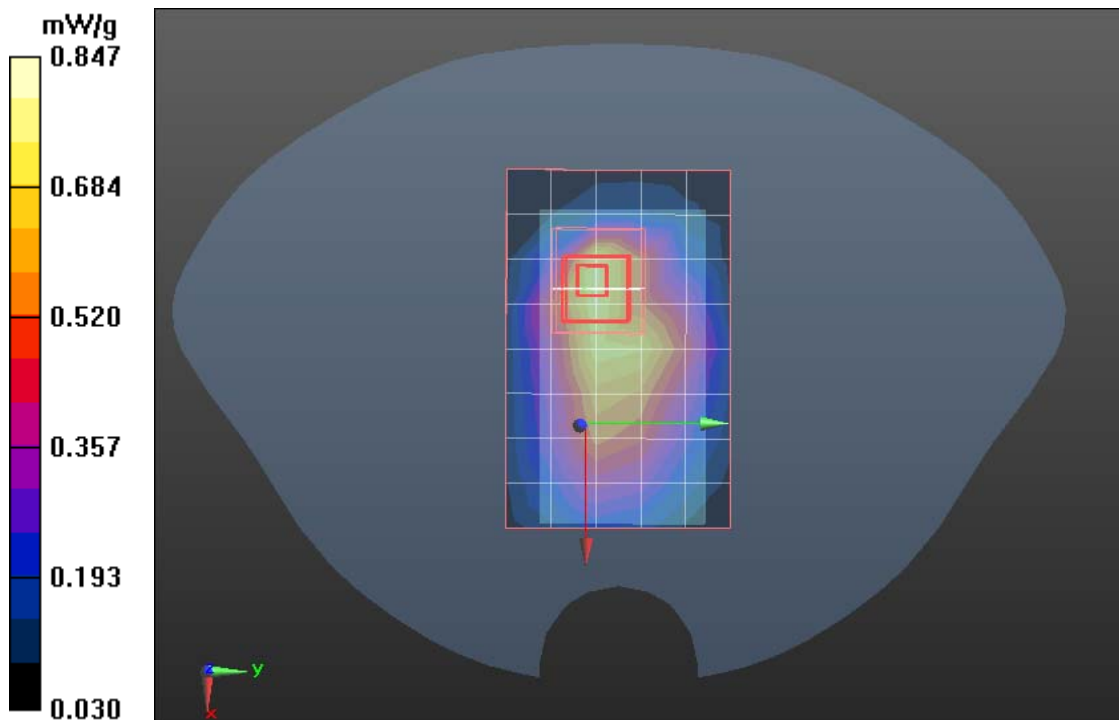
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.972 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.127 W/kg

**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.375 mW/g**

Maximum value of SAR (measured) = 0.847 mW/g





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## **GPRS1900-Body Up Low CH512**

**DUT: GPRS Mobile Phone; Type: Q800; Serial: 864055002064003**

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;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- 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)

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

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

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

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

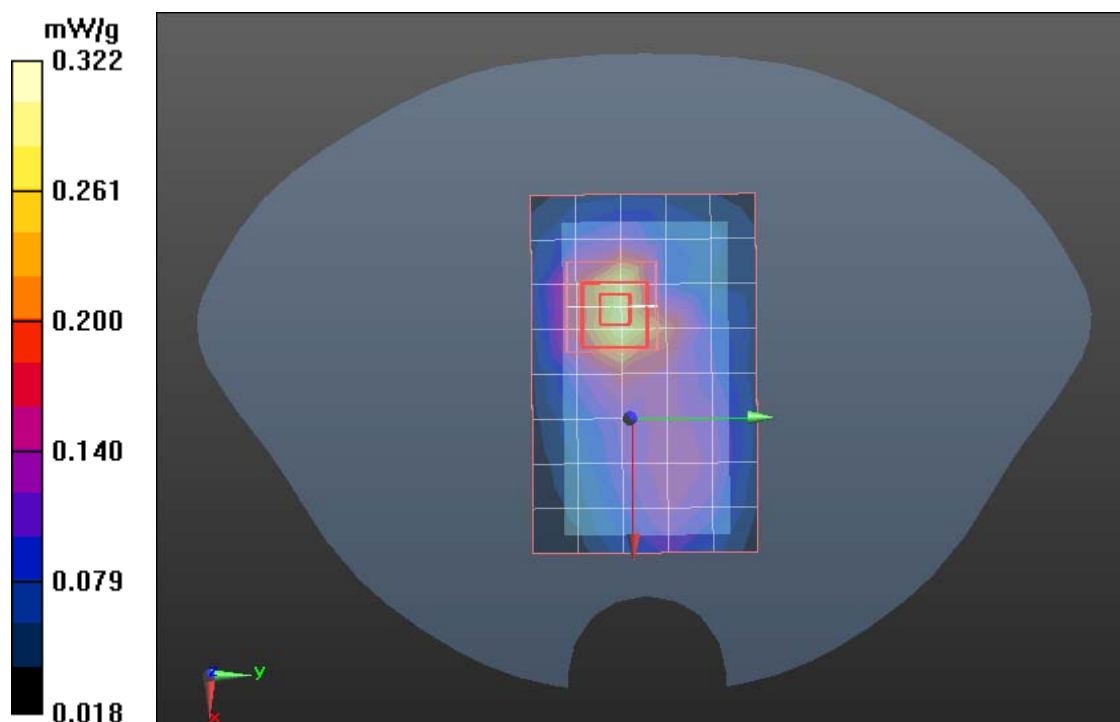
Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 0.423 W/kg

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.141 mW/g**

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







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## **GPRS1900-Body Down Low CH512**

**DUT: GPRS Mobile Phone; Type: Q800; Serial: 864055002064003**

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;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(7.23, 7.23, 7.23); Calibrated: 1/20/2011
- 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)

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

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

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

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

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

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

Peak SAR (extrapolated) = 1.138 W/kg

**SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.358 mW/g**

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

