



# Compliance Certification Services Inc.

GPRS 1900-Body Face Up Middle CH661 .....	2
GPRS 1900-Body Face Down Middle CH661 .....	3
GPRS1900-Body Left edge Middle CH661 .....	4
GPRS1900-Body Right edge Middle CH661 .....	5
GPRS 1900-Body Tip edge Middle CH661.....	6
GPRS 1900-Body Rear edge Middle CH661.....	7
GPRS1900-Body Face Down High CH512.....	8
GPRS1900-Body Face Down Low CH810.....	9
GPRS 850-Body Face Up Middle CH190 .....	10
GPRS 850-Body Face Down Middle CH190 .....	11
GPRS 850-Body Left edge Middle CH190.....	12
GPRS850-Body Right edge Middle CH190 .....	13
GPRS 850-Body Tip edge Middle CH190.....	14
GPRS 850-Body Rear edge Middle CH190.....	15
GPRS 850-Body Face Down High CH128 .....	16
GPRS850-Body Face Down Low CH251.....	17



Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS 1900-Body Face Up Middle CH661**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880.0 MHz; Communication System PAR: 6.02 dB

Medium parameters used:  $f = 1880.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  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/GPRS 1900 Body Face Up Middle CH661/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.196 mW/g

## **GPRS 1900/GPRS 1900 Body Face Up Middle CH661/Zoom Scan**

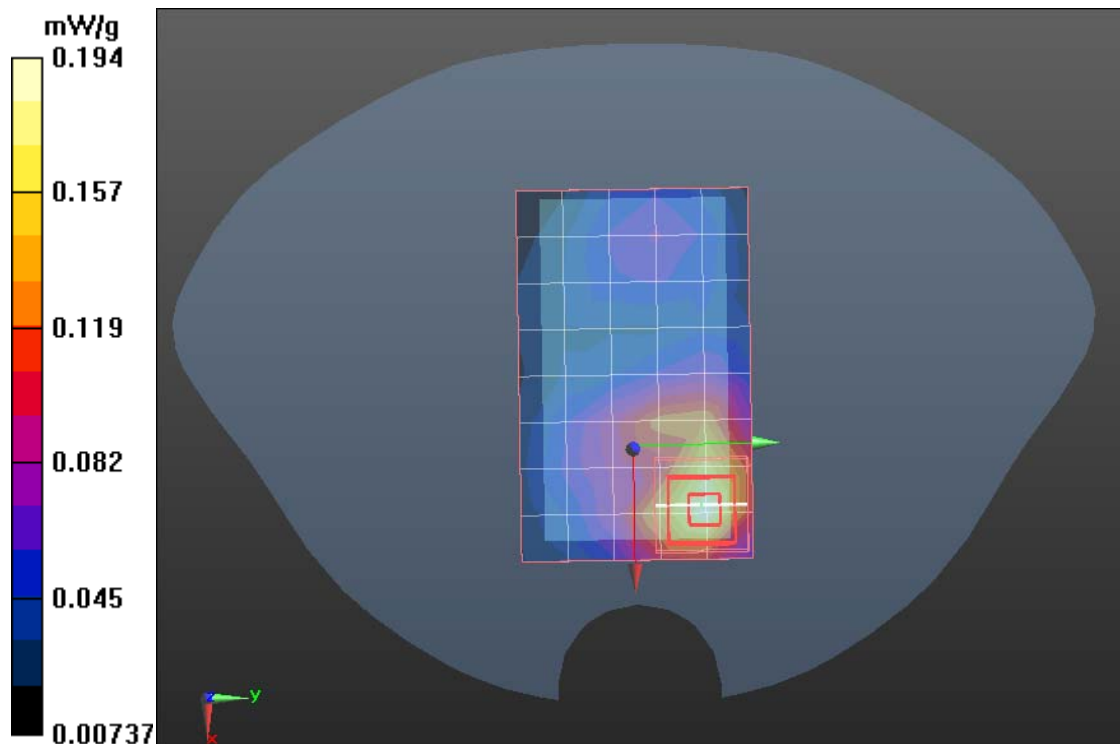
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.414 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g





Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS 1900-Body Face Down Middle CH661**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880.0 MHz; Communication System PAR: 6.02 dB

Medium parameters used:  $f = 1880.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.20$ ;  $\rho = 1000$  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/GPRS 1900 Body Face Down Diddle CH661/Area Scan**

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

Maximum value of SAR (measured) = 0.465 mW/g

## **GPRS 1900/GPRS 1900 Body Face Down Middle CH661/Zoom Scan**

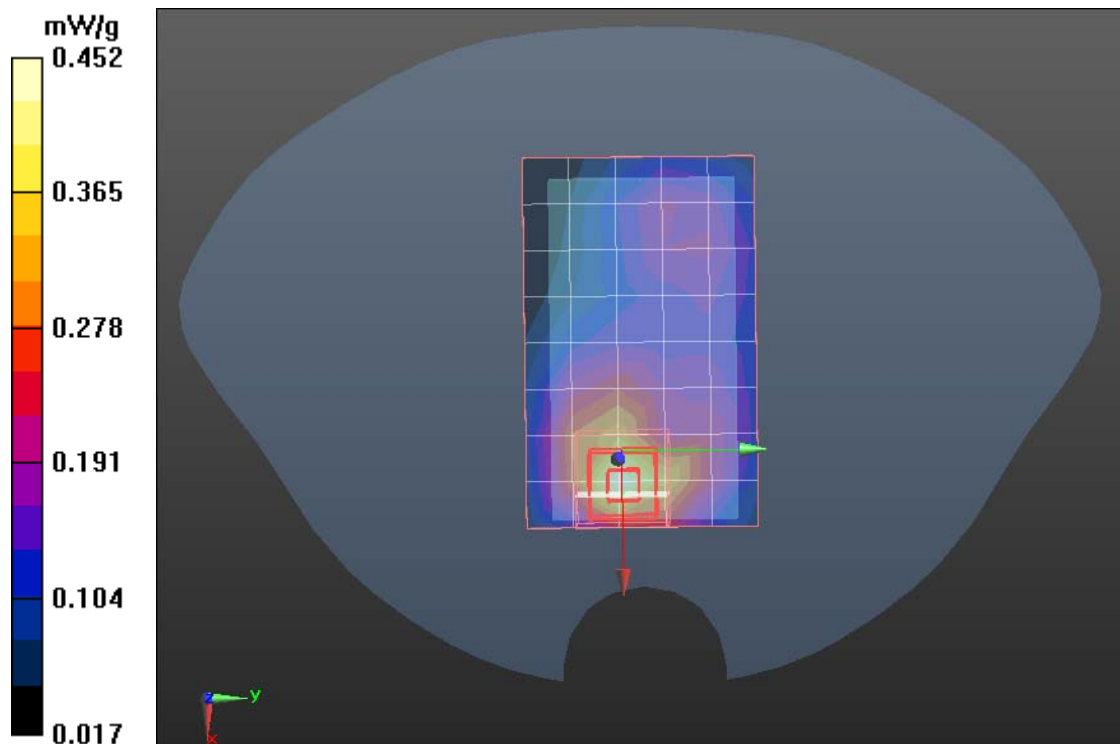
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.417 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.586 W/kg

**SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.221mW/g**

Maximum value of SAR (measured) = 0.452 mW/g





Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS1900-Body Left edge Middle CH661**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880.0 MHz; Communication System PAR: 6.02 dB  
Medium parameters used:  $f = 1880.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.11$ ;  $\rho = 1000$  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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS1900/GPRS 1900 Body Face Up Middle CH661/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.215 mW/g

## **GPRS1900/GPRS 1900 Body Face Up Middle CH661/Zoom Scan**

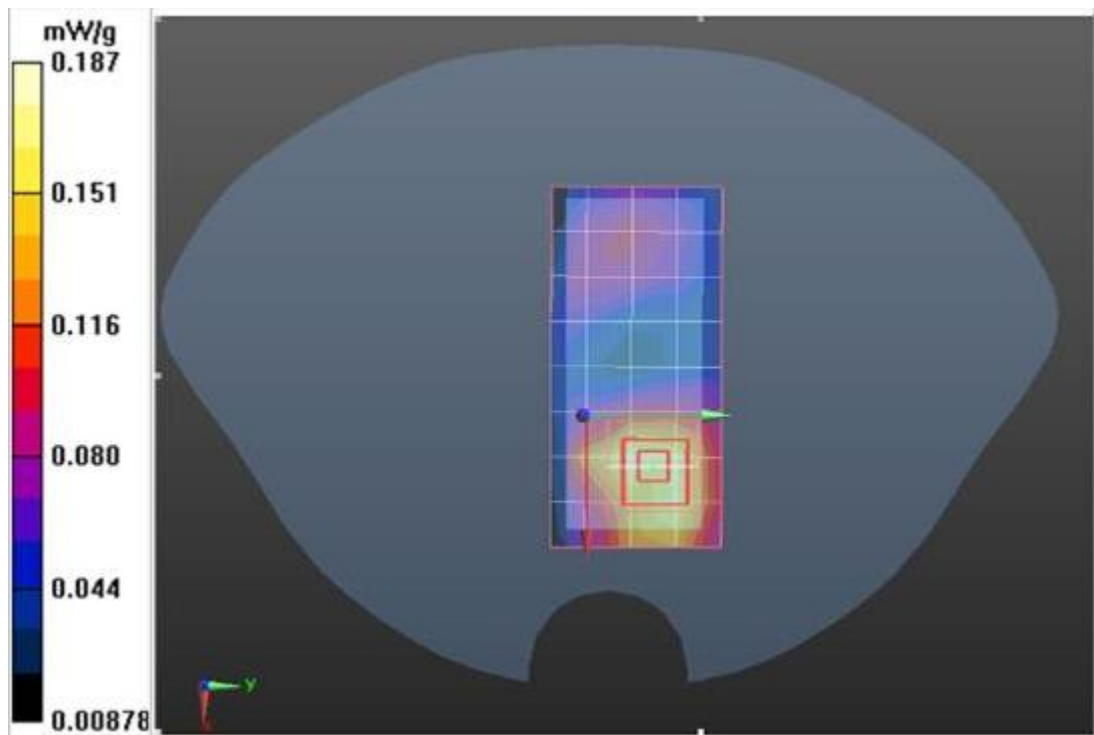
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 7.514 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.256 W/kg

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.098 mW/g**

Maximum value of SAR (measured) = 0.187 mW/g





Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS1900-Body Right edge Middle CH661**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880.0 MHz; Communication System PAR: 6.02dB

Medium parameters used:  $f = 1880.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.24$ ;  $\rho = 1000$  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)

## **GPRS1900/GPRS 1900 Body Face Down Middle CH661/Area Scan**

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

Maximum value of SAR (measured) = 0.220 mW/g

## **GPRS1900/GPRS 1900 Body Face Down Middle CH661/Zoom Scan**

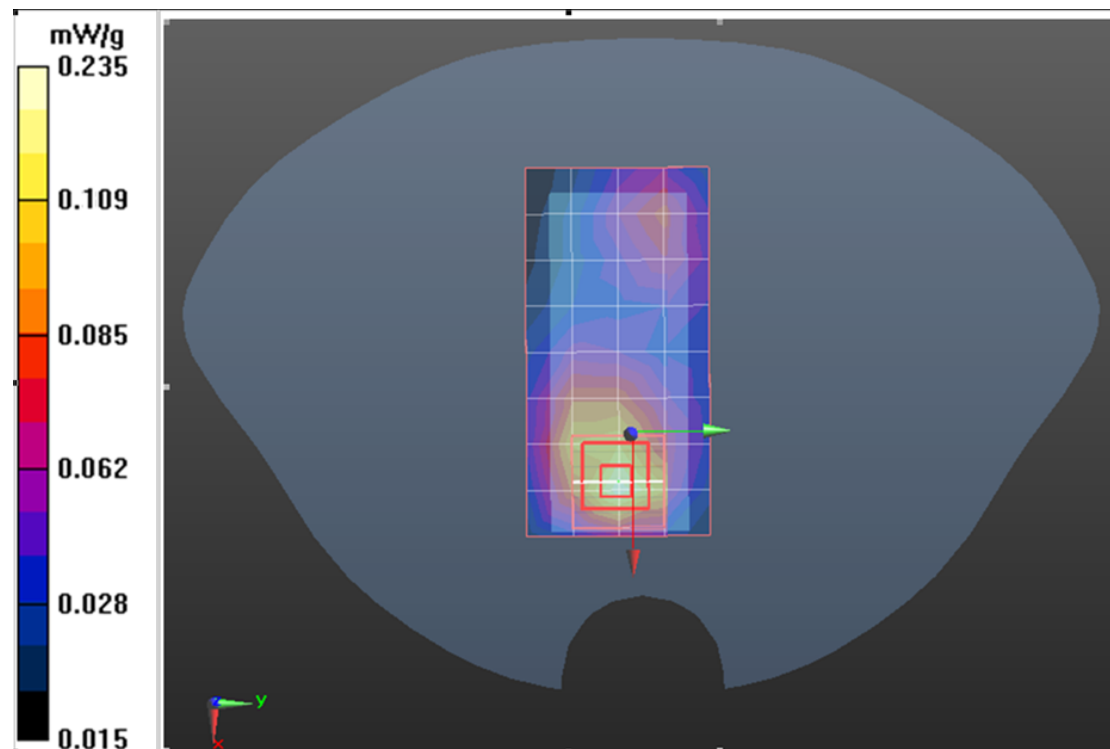
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.734 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.101mW/g**

Maximum value of SAR (measured) = 0.235mW/g





Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS 1900-Body Tip edge Middle CH661**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880.0 MHz; Communication System PAR: 6.02 dB

Medium parameters used:  $f = 1880.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.04$ ;  $\rho = 1000$  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/GPRS 1900 Body Face Up Middle CH661/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.196 mW/g

## **GPRS 1900/GPRS 1900 Body Face Up Middle CH661/Zoom Scan**

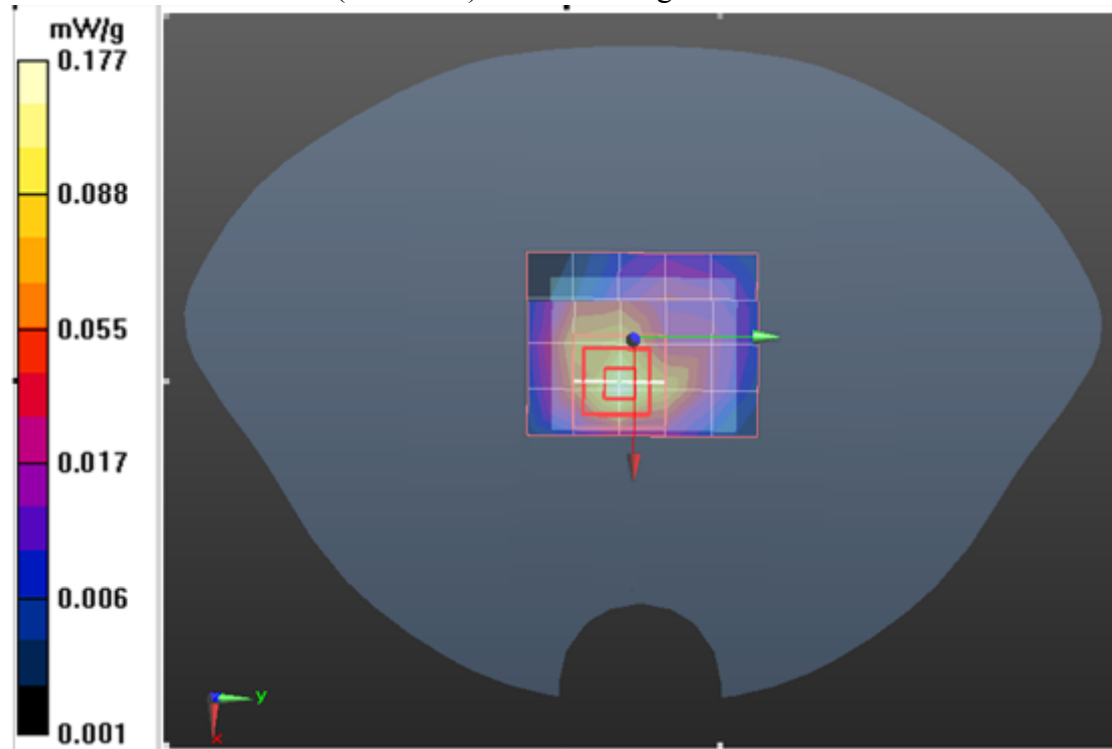
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.414 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.254 W/kg

**SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g





Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS 1900-Body Rear edge Middle CH661**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1880.0 MHz; Communication System PAR: 6.02 dB

Medium parameters used:  $f = 1880.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.14$ ;  $\rho = 1000$  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/GPRS 1900 Body Face Down Middle CH661/Area Scan**

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

Maximum value of SAR (measured) = 0.147 mW/g

## **GPRS 1900/GPRS 1900 Body Face Down Middle CH661/Zoom Scan**

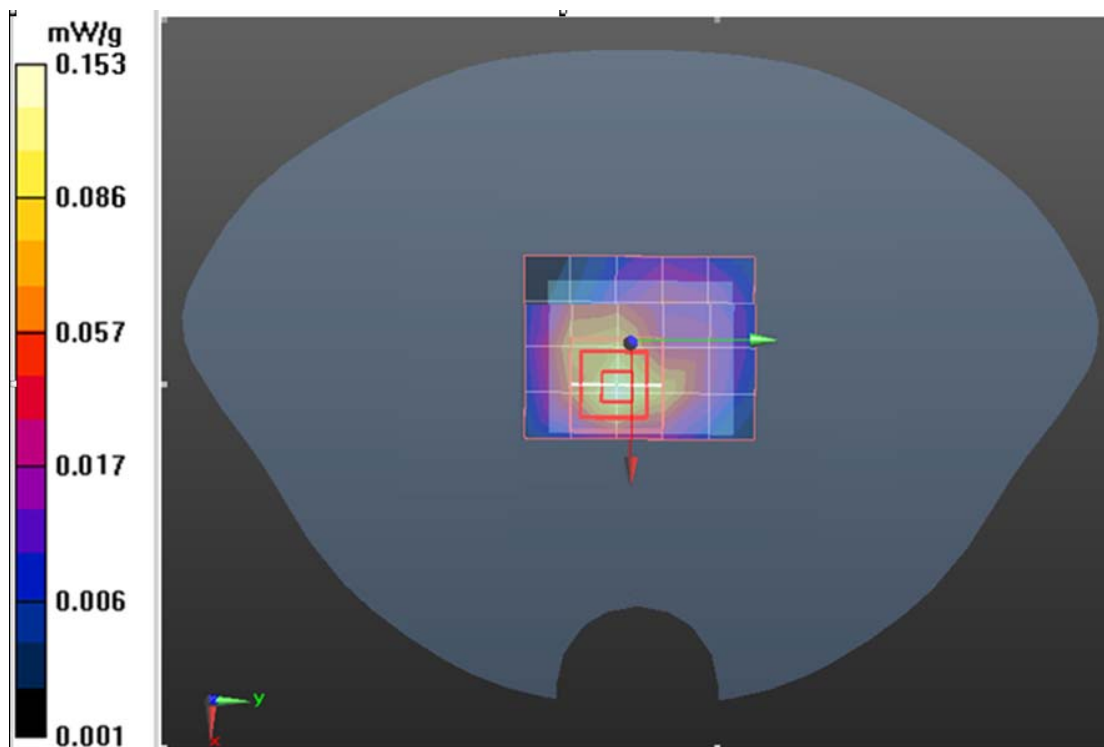
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 10.417 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.586 W/kg

**SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.221mW/g**

Maximum value of SAR (measured) = 0.153 mW/g







Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS1900-Body Face Down High CH512**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1850.2 MHz; Communication System PAR:6.02dB  
Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 52.94$ ;  $\rho = 1000 \text{ kg/m}^3$   
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: DASYS2, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

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

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

Maximum value of SAR (measured) = 0.215 mW/g

## **GPRS1900/GPRS 1900 Body Face Up High CH512/Zoom Scan**

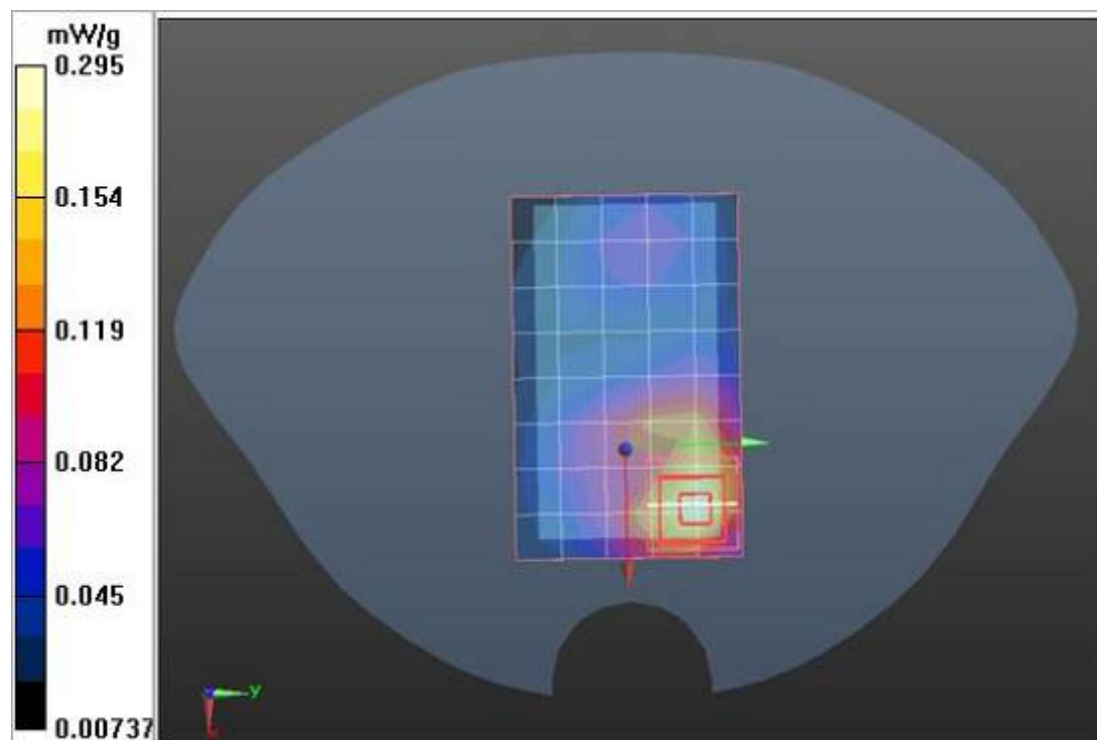
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.514 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.256W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 0.295 mW/g







Test Laboratory: Compliance Certification Services Inc. 2011-12-20

## **GPRS1900-Body Face Down Low CH810**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 1900 (1850.0 - 1910.0 MHz); Frequency: 1910.0 MHz; Communication System PAR: 6.02dB

Medium parameters used:  $f = 1910.0$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.21$ ;  $\rho = 1000$  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)

## **GPRS1900/GPRS 1900 Body Face Down Low CH810/Area Scan (6x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.405 mW/g

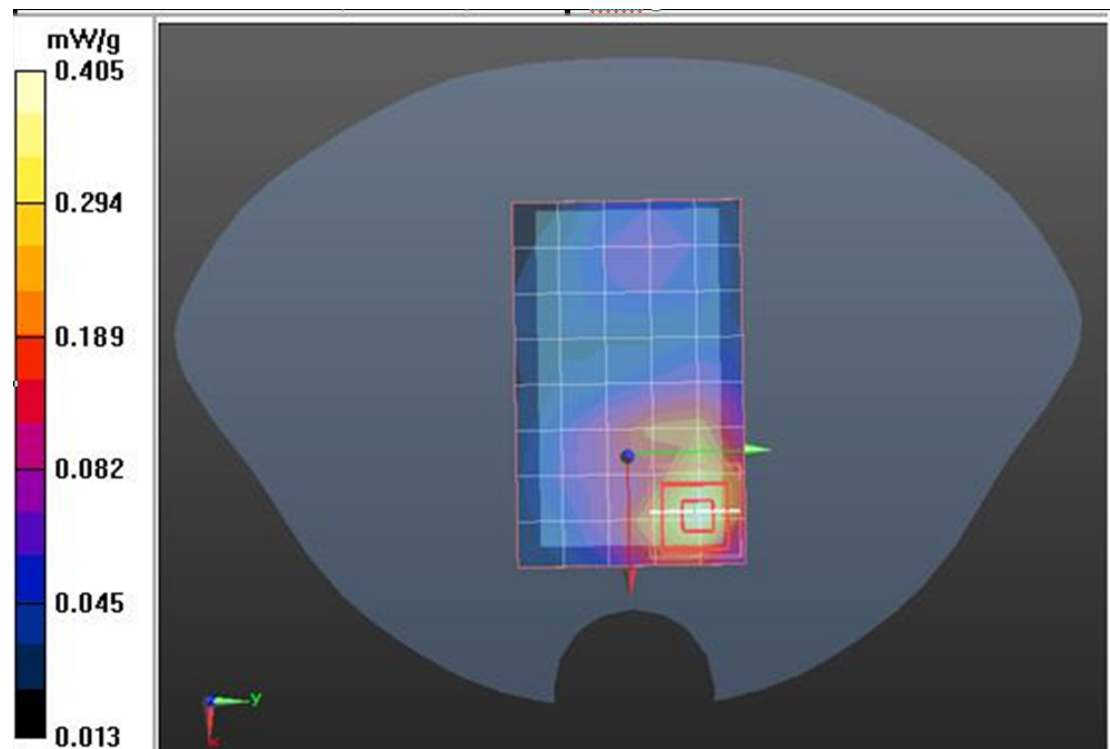
## **GPRS1900/GPRS 1900 Body Face Down Low CH810/Zoom Scan(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.734 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.328mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.405mW/g





Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS 850-Body Face Up Middle CH190**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02 dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.95\text{ mho/m}$ ;  $\epsilon_r = 55.15$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS 850/GPRS 850 Body Face Up Middle CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) =  $0.194\text{ mW/g}$

## **GPRS 850/GPRS 850 Body Face Up Middle CH190/Zoom Scan**

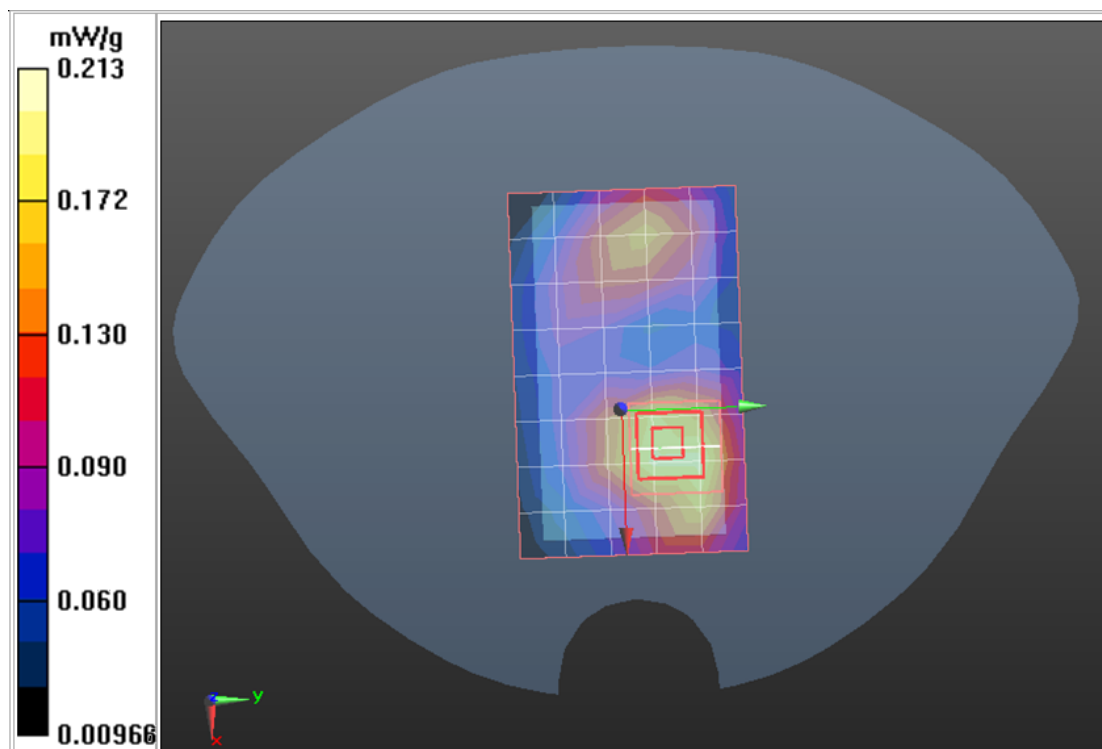
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.244\text{ V/m}$ ; Power Drift =  $0.01\text{dB}$

Peak SAR (extrapolated) =  $0.279\text{ W/kg}$

**SAR(1 g) =  $0.173\text{mW/g}$ ; SAR(10 g) =  $0.087\text{ mW/g}$**

Maximum value of SAR (measured) =  $0.213\text{ mW/g}$





Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS 850-Body Face Down Middle CH190**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02 dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.96\text{ mho/m}$ ;  $\epsilon_r = 55.13$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS 850/GPRS 850 Body Face Down Middle CH190/Area Scan**

**(6x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.368 mW/g

## **GPRS 850/GPRS 850 Body Face Down Middle CH190/Zoom Scan**

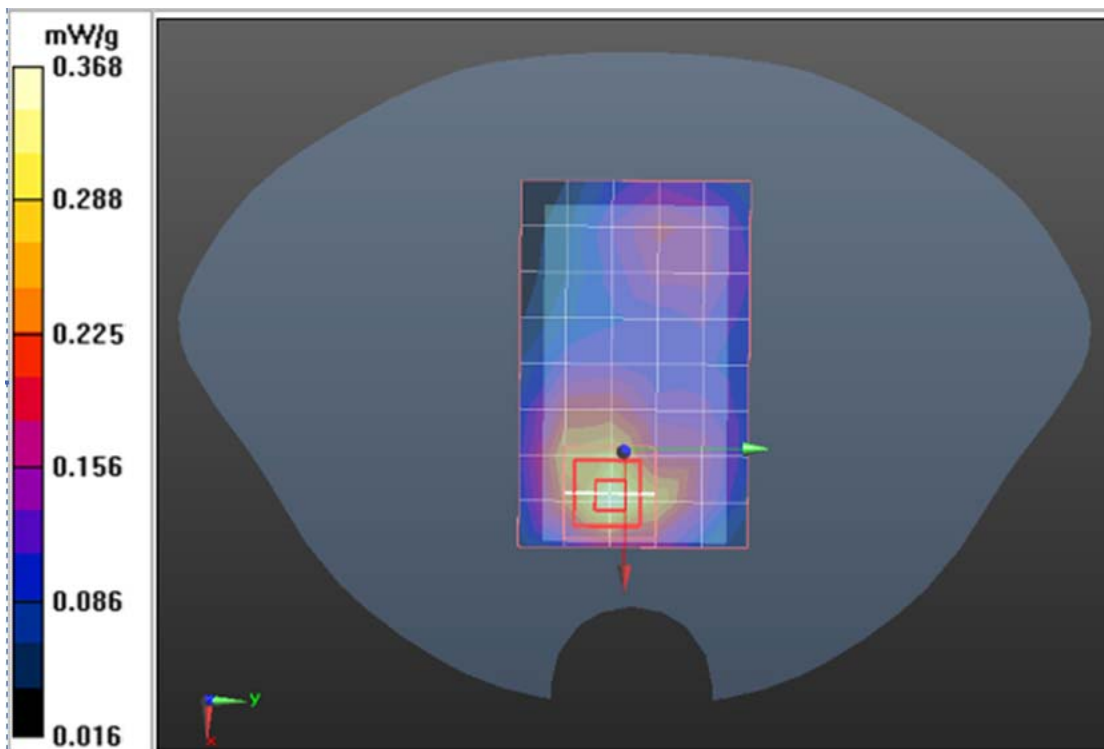
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.281 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.483 W/kg

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 0.368 mW/g





Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS 850-Body Left edge Middle CH190**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02 dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.95\text{ mho/m}$ ;  $\epsilon_r = 55.15$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS850/GPRS850 Body Face Up Middle CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.174 mW/g

## **GPRS850/GPRS850 Body Face Up Middle CH10/Zoom Scan**

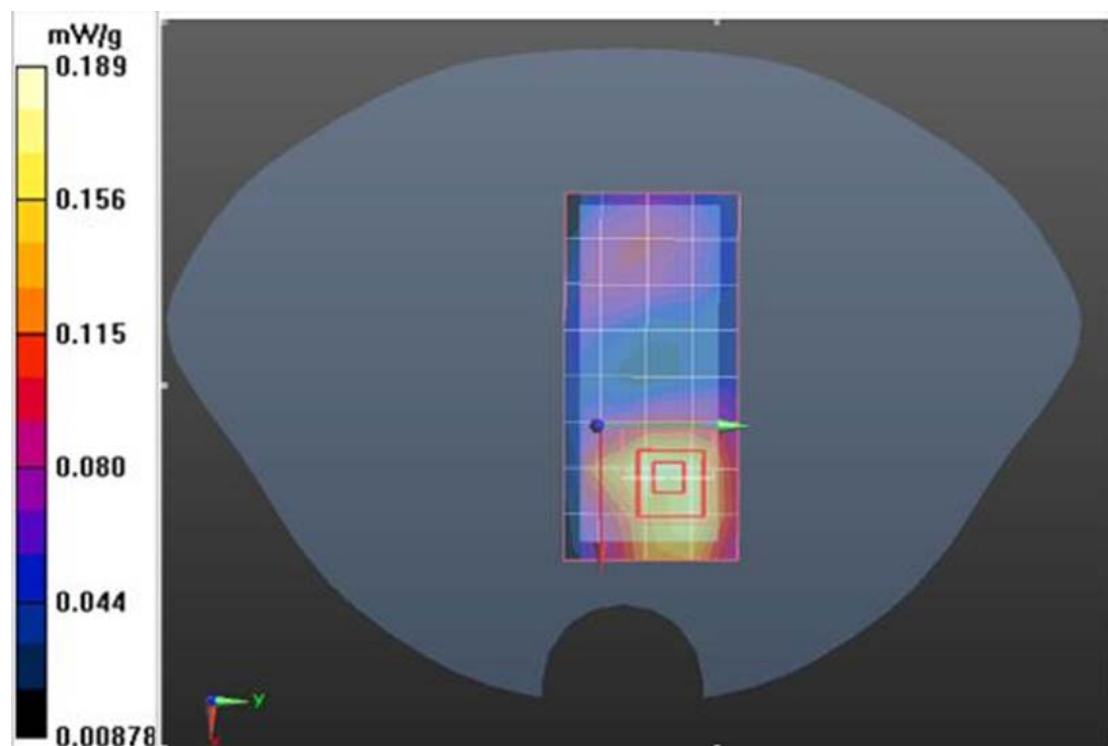
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.762 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.094mW/g**

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





Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS850-Body Right edge Middle CH190**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02 dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.95\text{ mho/m}$ ;  $\epsilon_r = 55.12$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS850/GPRS850 Body Face Down Middle CH190/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.177 mW/g

## **GPRS850/GPRS850 Body Face Down Middle CH190/Zoom Scan**

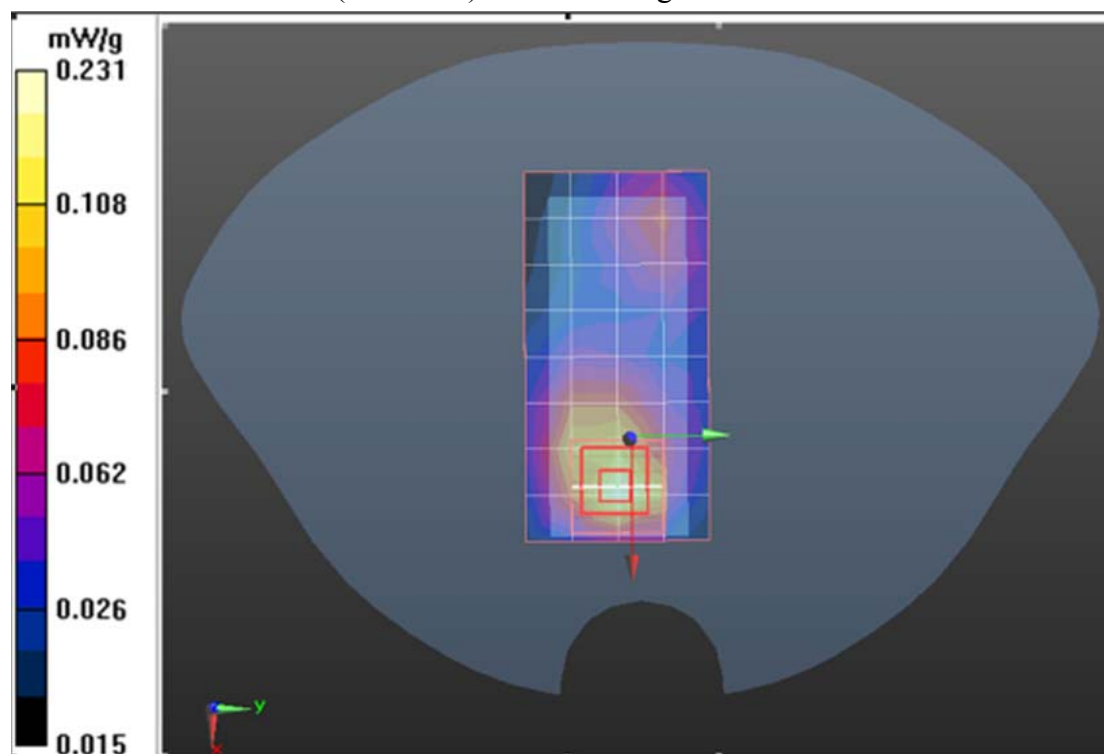
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.063 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.491 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.098 mW/g**

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





Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS 850-Body Tip edge Middle CH190**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02 dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.95\text{ mho/m}$ ;  $\epsilon_r = 55.11$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS 850/GPRS 850 Body Face Up Middle CH190/Area Scan (6x9x1):**

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

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

## **GPRS 850/GPRS 850 Body Face Up Middle CH190/Zoom Scan**

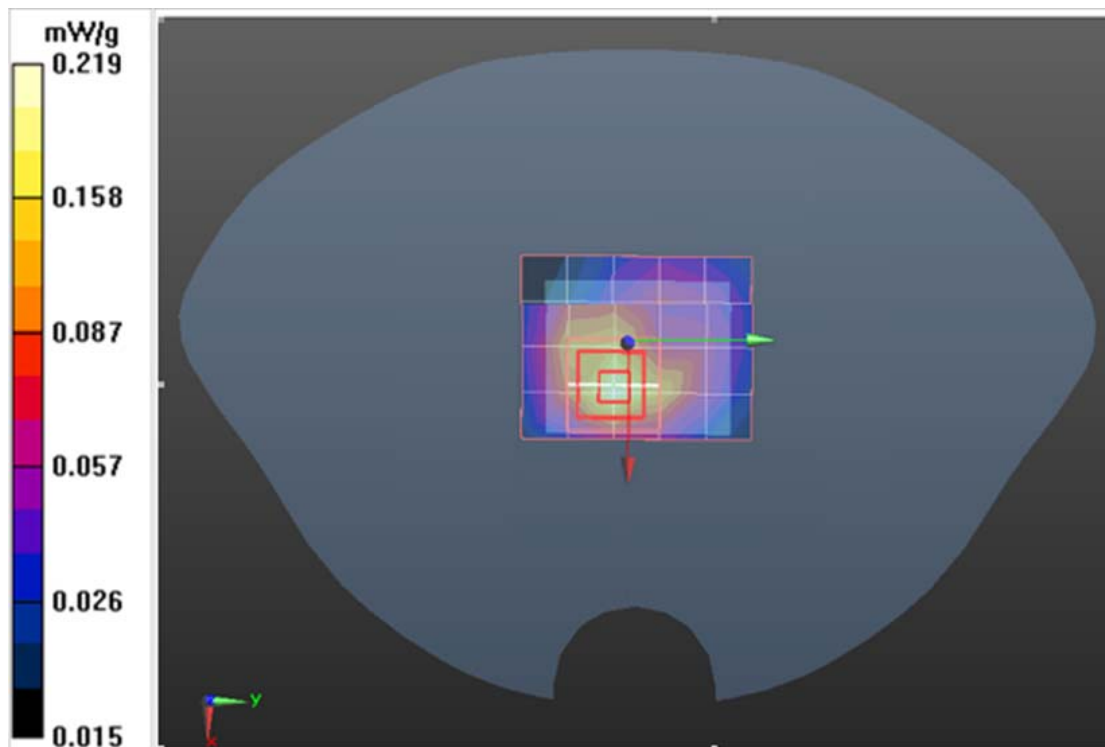
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.244 V/m; Power Drift = 0.01dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.080mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.219 mW/g







Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS 850-Body Rear edge Middle CH190**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02 dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.96\text{ mho/m}$ ;  $\epsilon_r = 55.13$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS 850/GPRS 850 Body Face Down Middle CH190/Area Scan**

**(6x9x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.166 mW/g

## **GPRS 850/GPRS 850 Body Face Down Middle CH190/Zoom Scan**

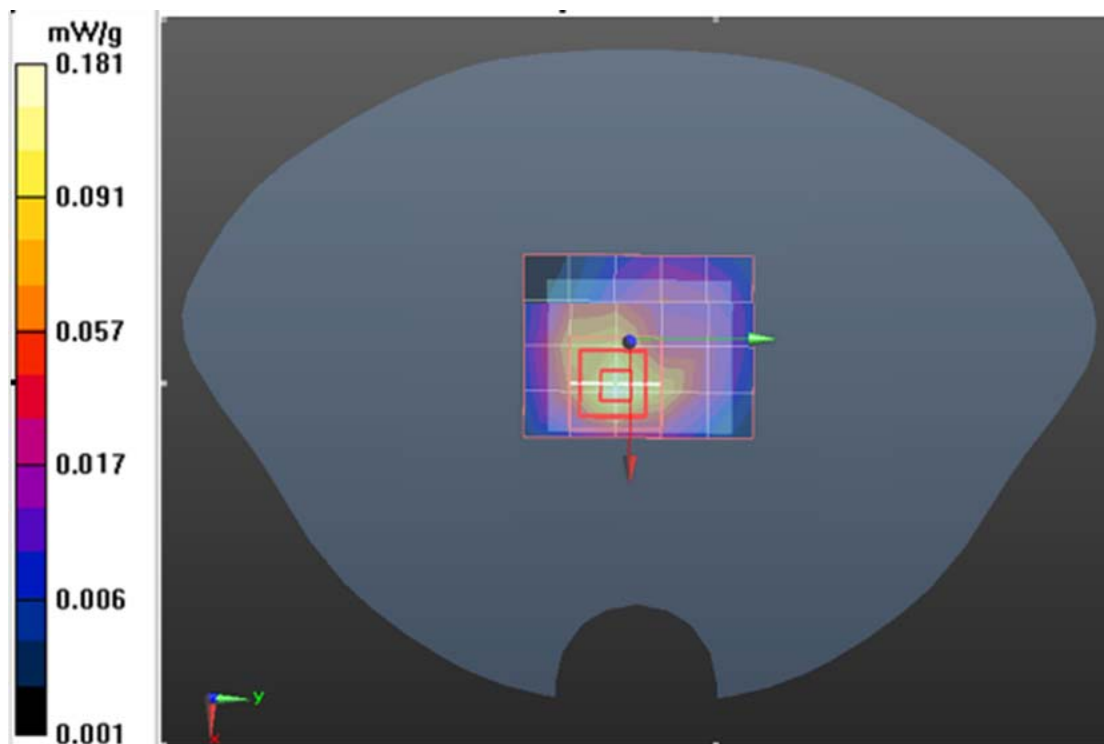
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.281 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.484 W/kg

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.181 mW/g







Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS 850-Body Face Down High CH128**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.95\text{ mho/m}$ ;  $\epsilon_r = 55.15$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS850/GPRS850 Body Face Down High CH128/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) = 0.301 mW/g

## **GPRS850/GPRS850 Body Face Down High CH128/Zoom Scan**

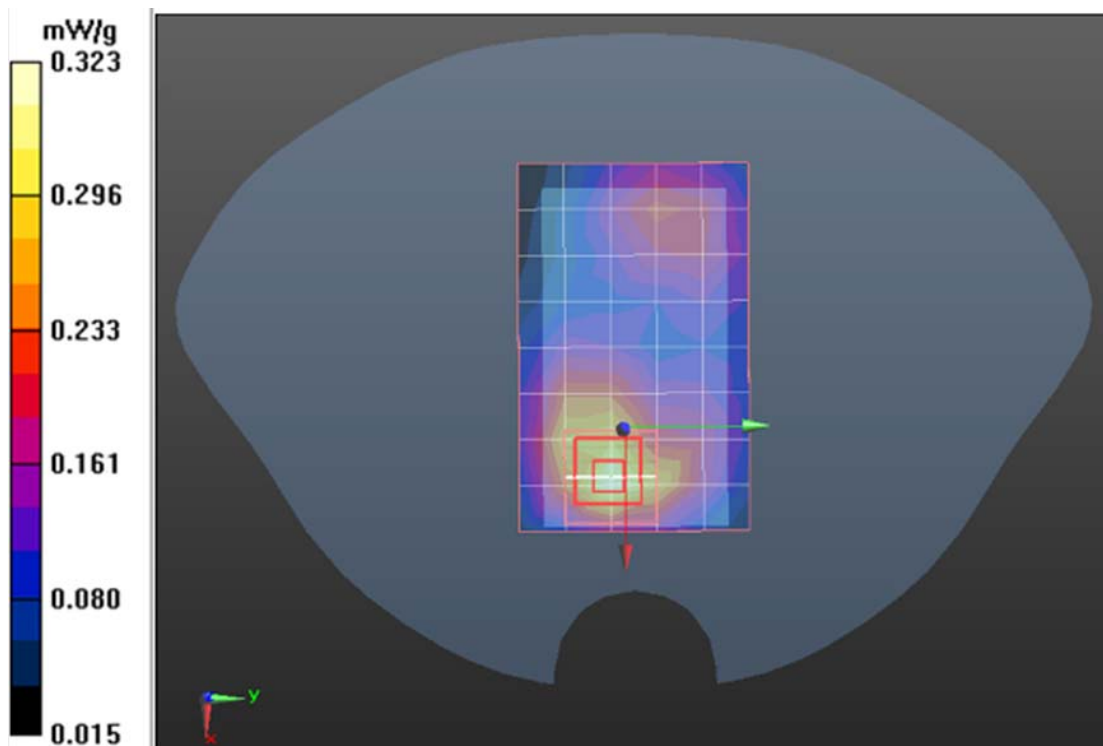
**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.762 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.244 W/kg

**SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.122mW/g**

Maximum value of SAR (measured) = 0.323 mW/g





Test Laboratory: Compliance Certification Services Inc. 2012-02-18

## **GPRS850-Body Face Down Low CH251**

**DUT:Pulse Oximeter; Type: MD300W4;**

Communication System: Generic GSM; Communication System Band: GPRS 850 (824.0 - 849.0 MHz); Frequency: 836.6MHz; Communication System PAR: 6.02dB  
Medium parameters used (interpolated):  $f = 836.6\text{MHz}$ ;  $\sigma = 0.95\text{ mho/m}$ ;  $\epsilon_r = 55.12$ ;  $\rho = 1000\text{ kg/m}^3$

Phantom section: Right Section

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3755; ConvF(9.07, 9.07, 9.07); Calibrated: 1/20/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 1/11/2012
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609

Measurement SW: DASY52, Version 52.6 (1); SEMCAD X Version 14.4.2 (2595)

## **GPRS850/GPRS850 Body Face Down Low CH251/Area Scan (6x9x1):**

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

Maximum value of SAR (measured) =  $0.311\text{ mW/g}$

## **GPRS850/GPRS850 Body Face Down Low CH251/Zoom Scan**

**(7x7x9)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.063\text{ V/m}$ ; Power Drift =  $0.05\text{ dB}$

Peak SAR (extrapolated) =  $0.494\text{ W/kg}$

**SAR(1 g) =  $0.311\text{ mW/g}$ ; SAR(10 g) =  $0.177\text{ mW/g}$**

Maximum value of SAR (measured) =  $0.333\text{ mW/g}$

