

Test Laboratory: Compliance Certification Services Inc.

## **D835V2-SN 4d015-Body**

**DUT: Dipole 835 MHz; Type: D835V2; Serial: 4d015**

Communication System: CW 835; Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 835$  MHz;  $\sigma = 0.941$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.93 mW/g

**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.0 V/m; Power Drift = -0.006 dB

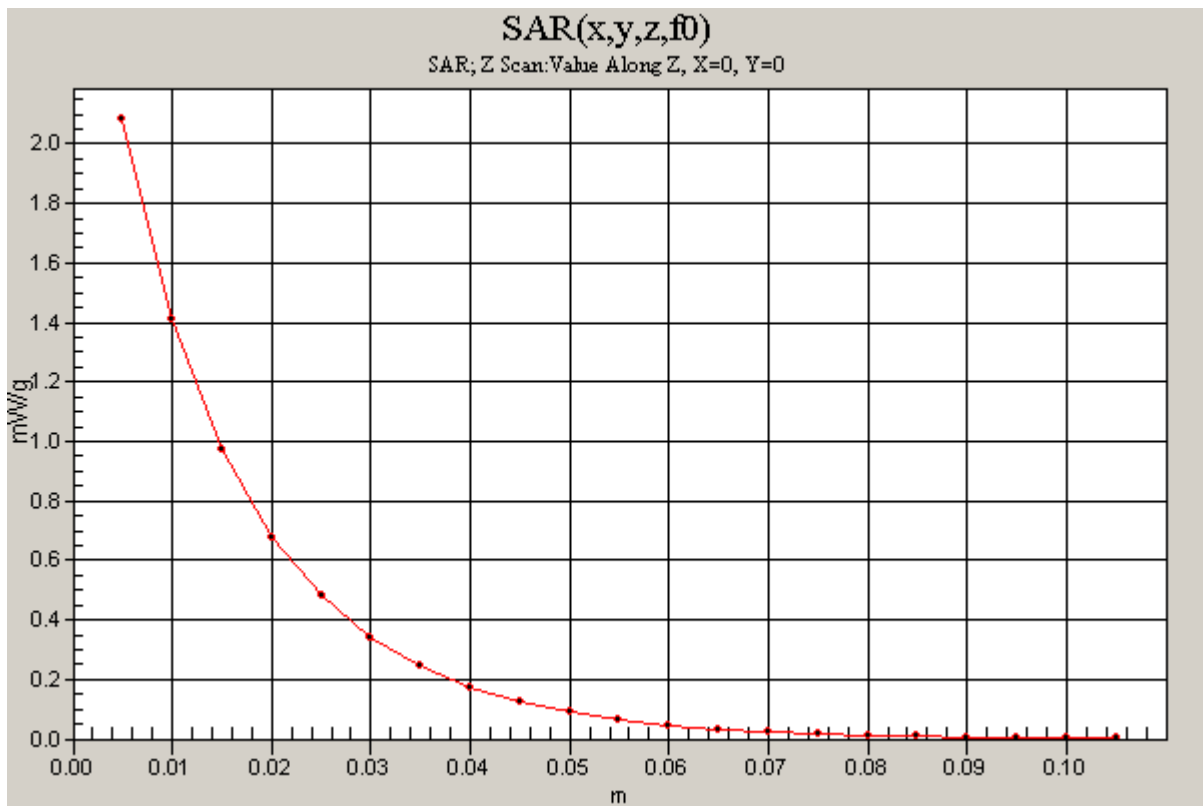
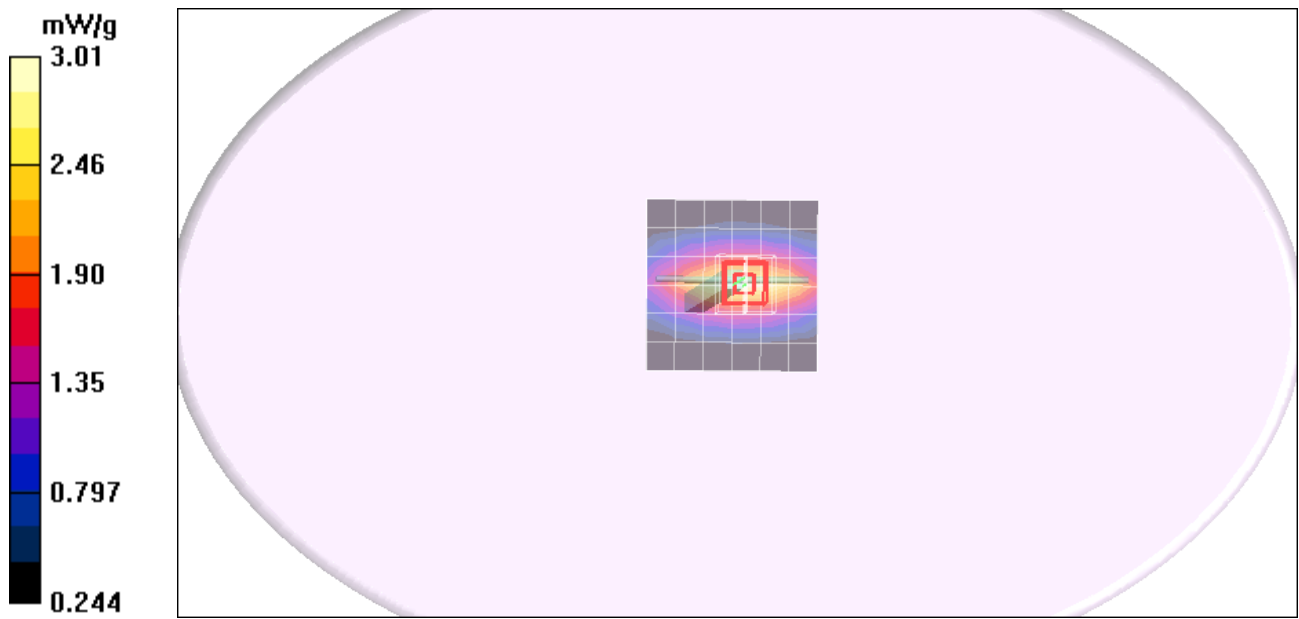
Peak SAR (extrapolated) = 3.69 W/kg

**SAR(1 g) = 2.46 mW/g; SAR(10 g) = 1.59 mW/g**

Maximum value of SAR (measured) = 3.01 mW/g

**d=10mm, Pin=250mW/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 2.08 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **D1900V2 SN-5d056 Body**

**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d056**

Communication System: PCS 1900; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Pin=250mW,d=10mm/Area Scan (6x6x1):** Measurement grid: dx=15mm,  
dy=15mm

Maximum value of SAR (measured) = 9.12 mW/g

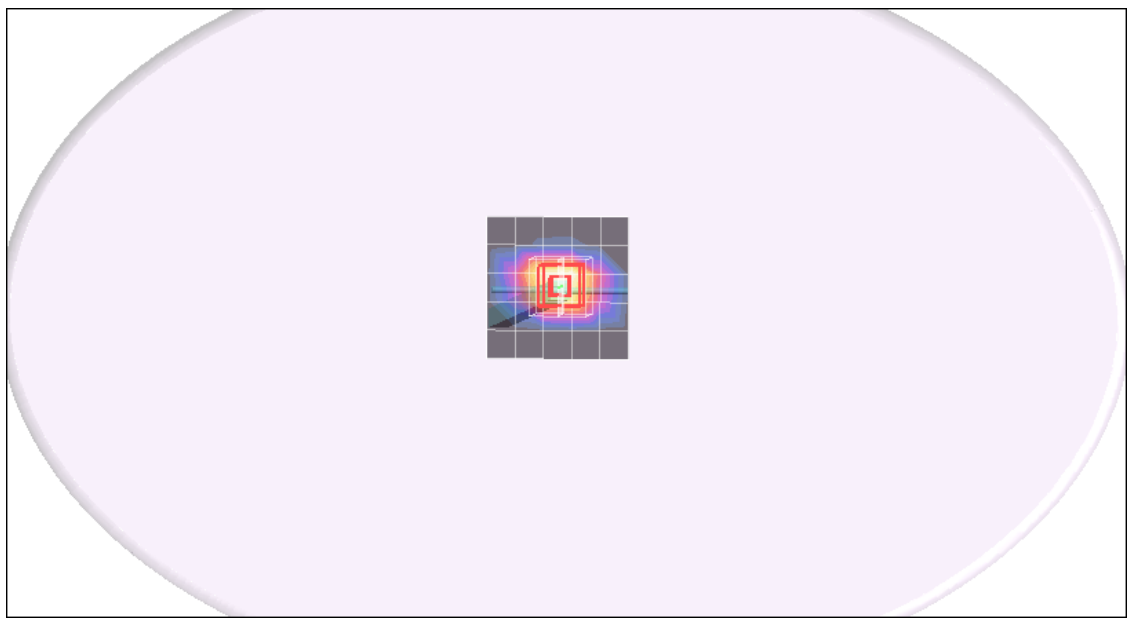
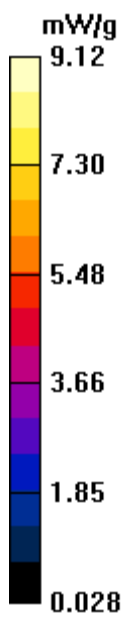
**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.3 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 19.1 W/kg

**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.15 mW/g**

Maximum value of SAR (measured) = 13.8 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **D2450V2 SN-728 Body**

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728**

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Pin=250mW,d=10mm/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 14.1 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.9 V/m; Power Drift = -0.062 dB

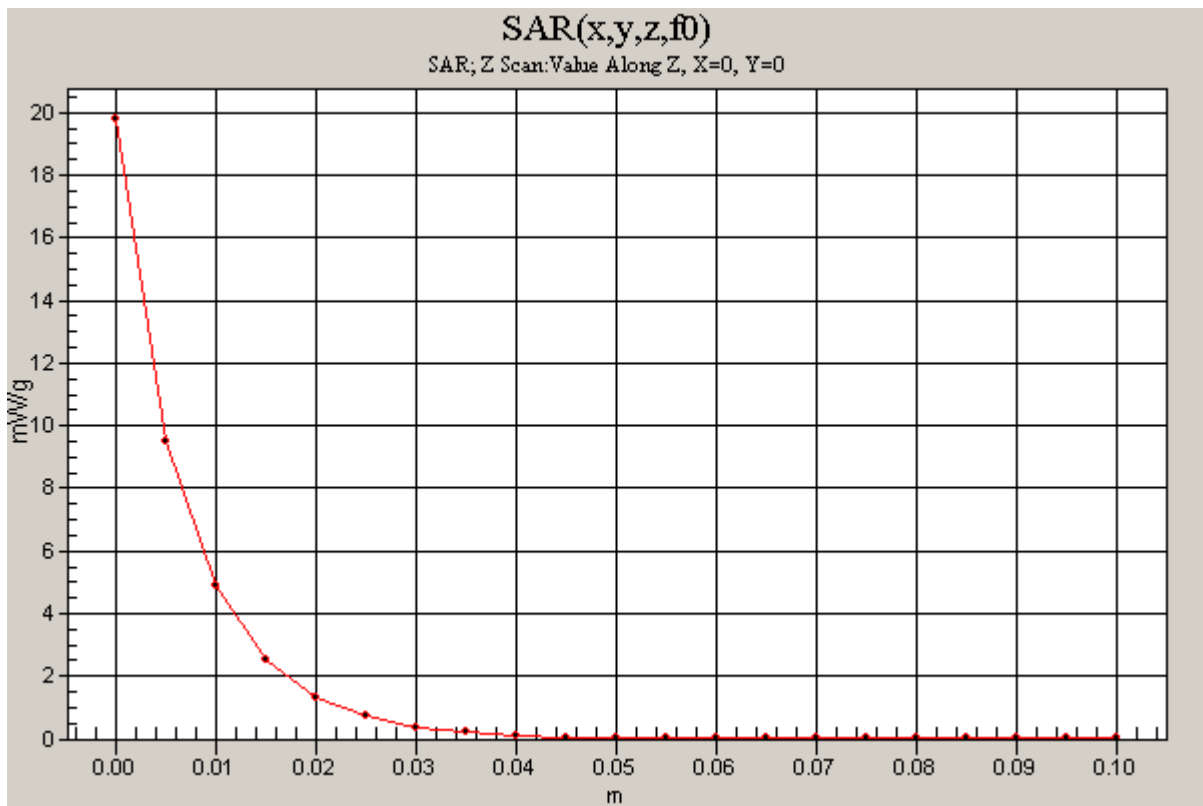
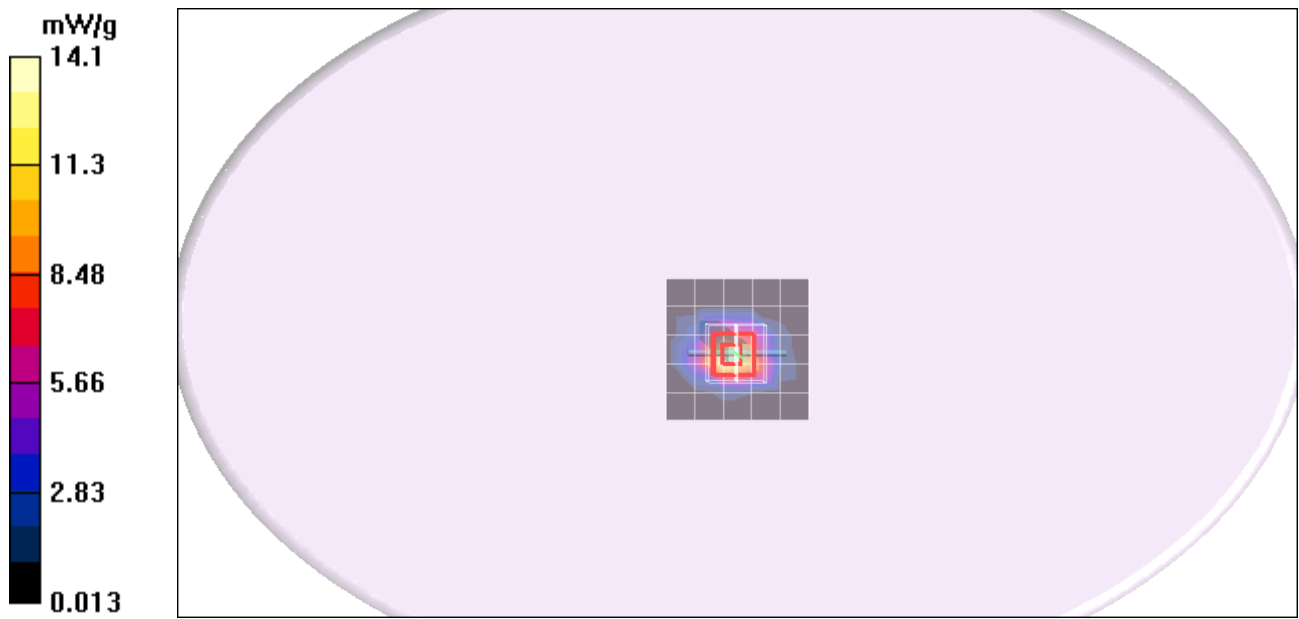
Peak SAR (extrapolated) = 28.0 W/kg

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.19 mW/g**

Maximum value of SAR (measured) = 19.2 mW/g

**Pin=250mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 19.8 mW/g



Test Laboratory: Compliance Certification Services Inc.

## Copy of D2450V2 SN-728 Body

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728**

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Pin=250mW,d=10mm/Area Scan (6x6x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 13.8 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.3 V/m; Power Drift = -0.034 dB

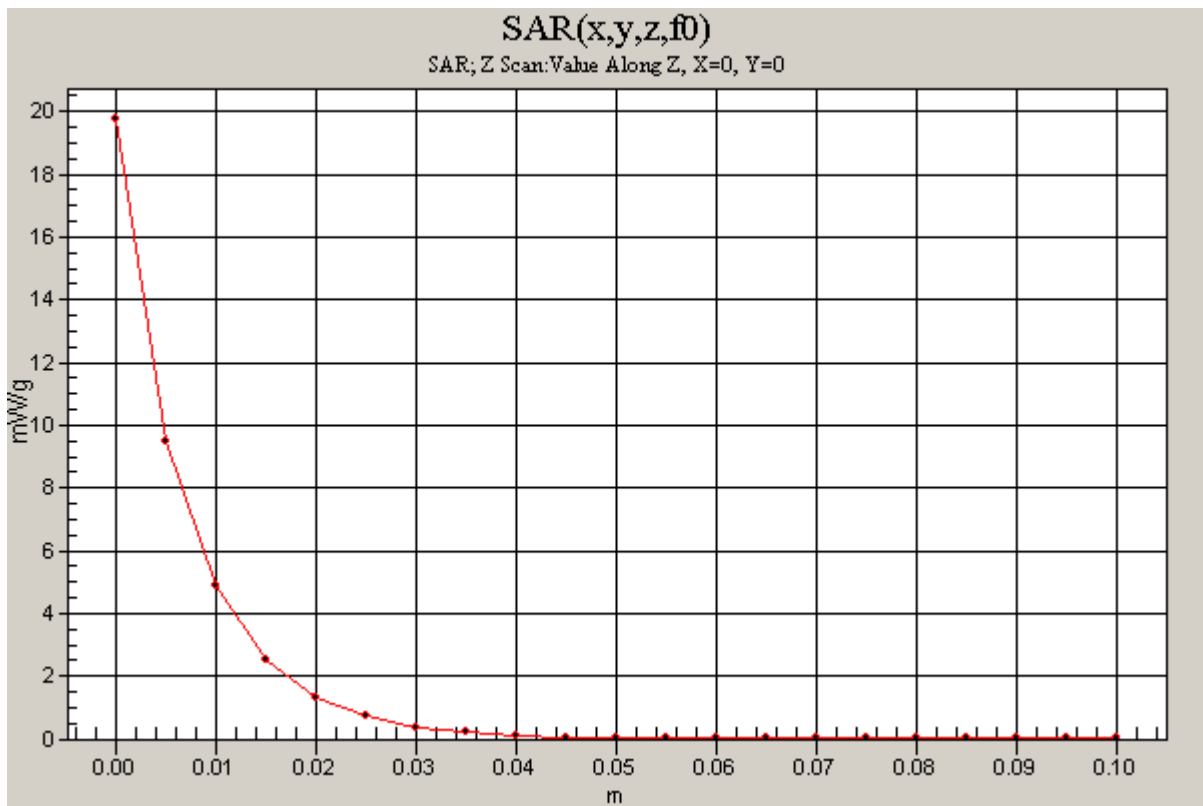
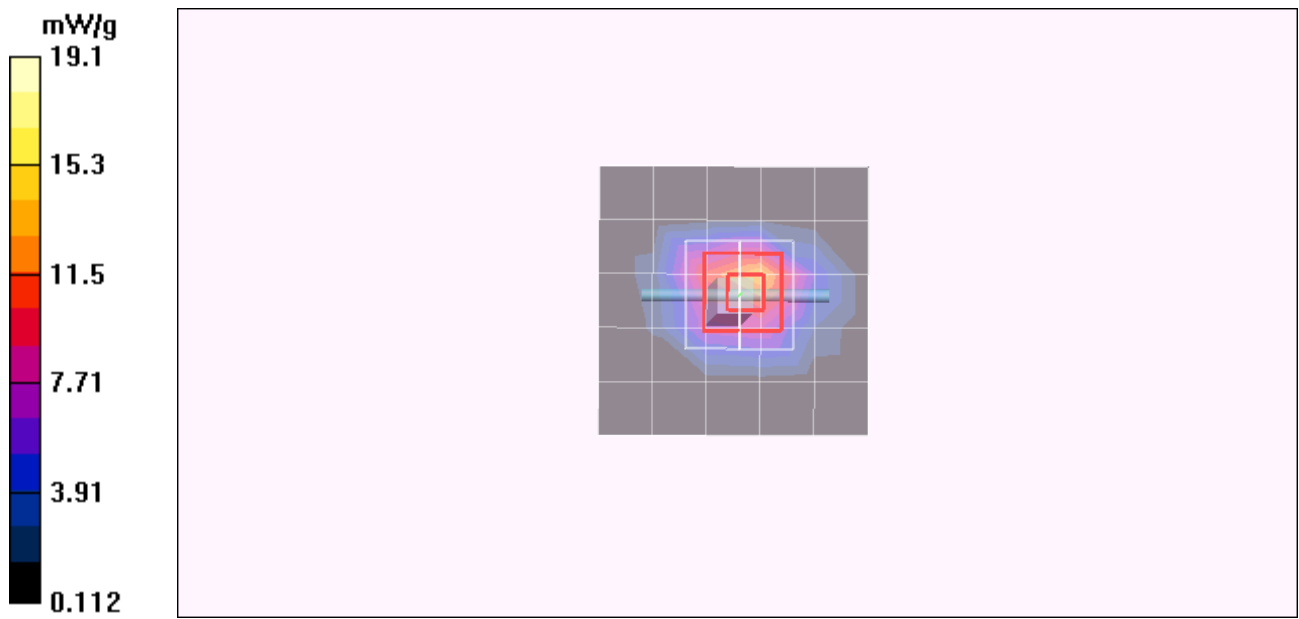
Peak SAR (extrapolated) = 26.9 W/kg

**SAR(1 g) = 13.1 mW/g; SAR(10 g) = 6.08 mW/g**

Maximum value of SAR (measured) = 18.1 mW/g

**Pin=250mW,d=10mm/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 18.8 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **GSM 850 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: GSM 850; Frequency: 836.6 MHz; Duty Cycle: 1:8

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **WWAN GSM 850 Middle CH190/Area Scan (10x19x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.020 mW/g

### **WWAN GSM 850 Middle CH190/Zoom Scan (7x7x11)/Cube 0:**

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

Reference Value = 1.32 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.025 W/kg

**SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.019 mW/g

### **WWAN GSM 850 Middle CH190/Zoom Scan (7x7x11)/Cube 1:**

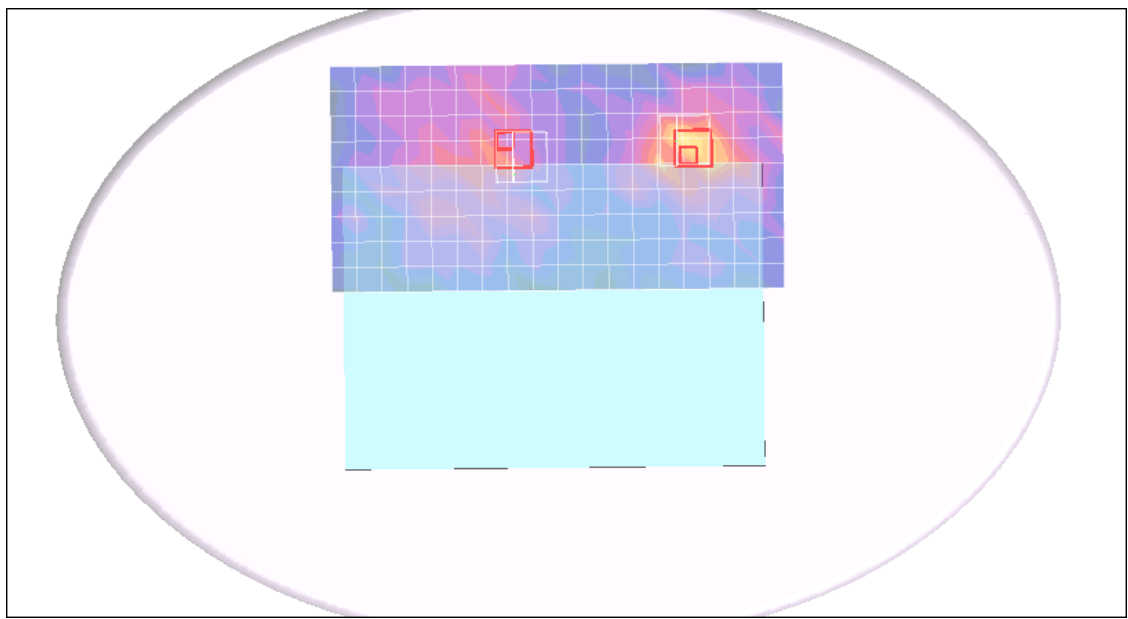
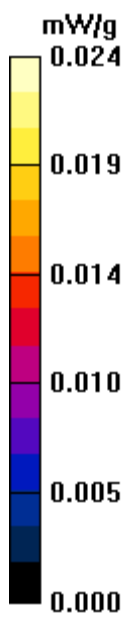
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.32 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.026 W/kg

**SAR(1 g) = 0.0097 mW/g; SAR(10 g) = 0.00624 mW/g**

Maximum value of SAR (measured) = 0.014 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GSM 1900 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: GSM 1900; Frequency: 1880 MHz; Duty Cycle: 1:8

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **WWAN GSM 1900 Middle CH661/Area Scan (9x19x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.041 mW/g

### **WWAN GSM 1900 Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

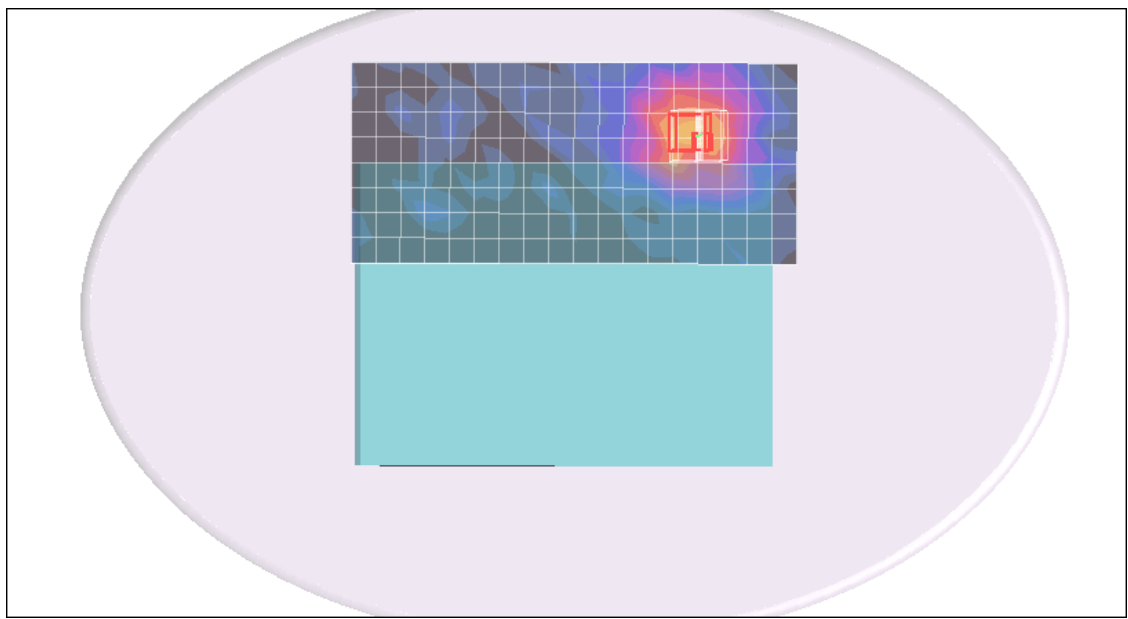
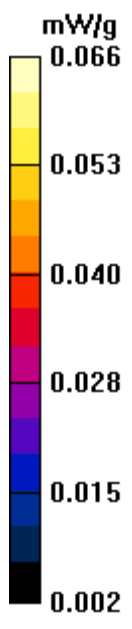
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.882 V/m; Power Drift = -0.083 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.048 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 850 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: GPRS 850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.942$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **WWAN GPRS 850 Middle CH190/Area Scan (9x19x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.024 mW/g

### **WWAN GPRS 850 Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

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

Reference Value = 3.15 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.042 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.027 mW/g

### **WWAN GPRS 850 Middle CH190/Zoom Scan (7x7x9)/Cube 1:**

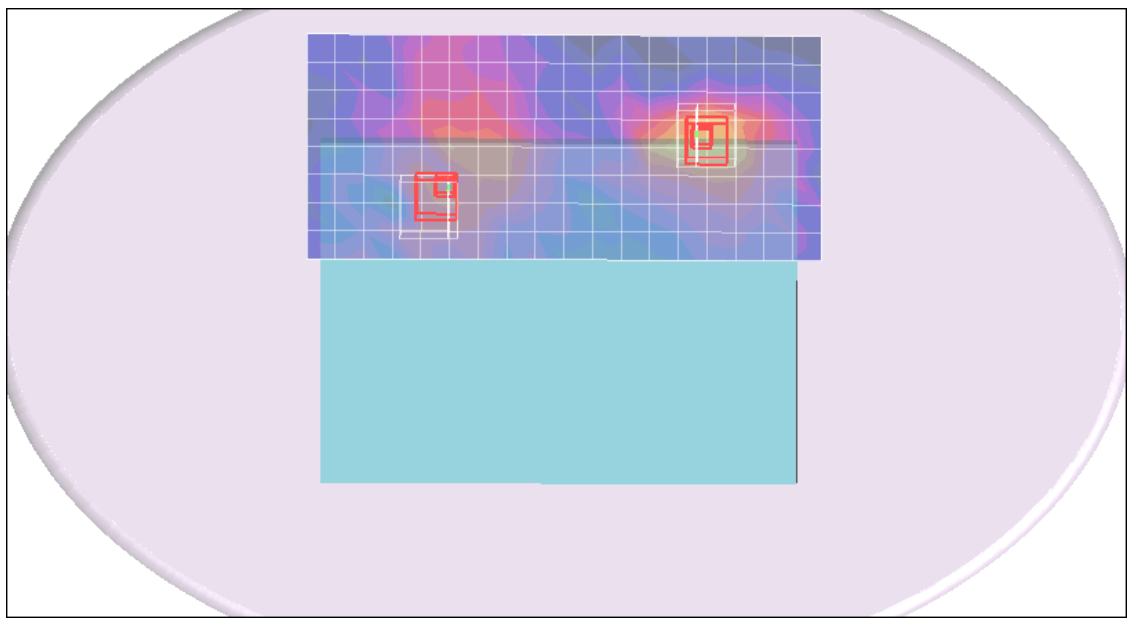
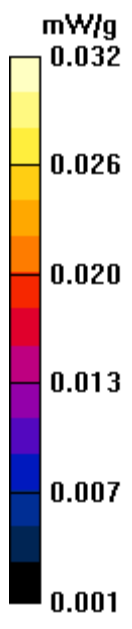
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 3.15 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.029 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.021 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **GPRS 1900 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: GPRS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

## **WWAN GPRS 1900 Middle CH661/Area Scan (9x19x1):** Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.101 mW/g

## **WWAN GPRS 1900 Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

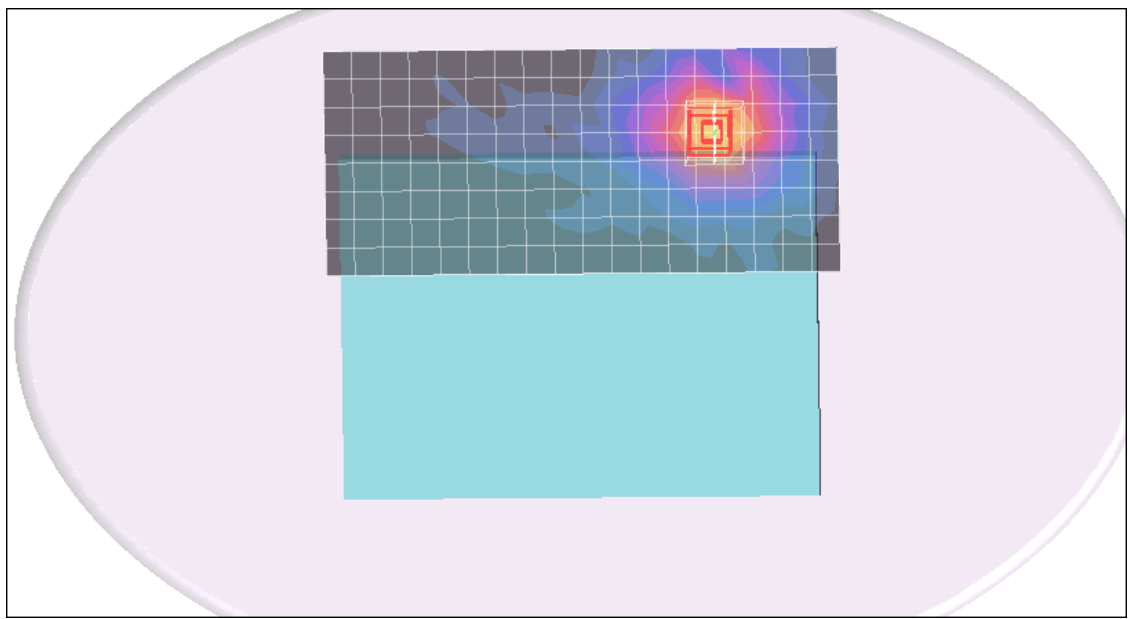
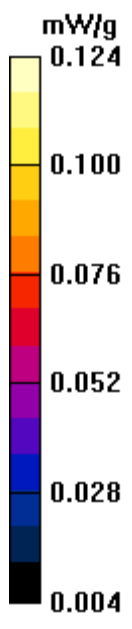
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.11 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 850 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: EGPRS 850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **WWAN EGPRS 850 Middle CH190/Area Scan (9x19x1):**

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

Maximum value of SAR (measured) = 0.018 mW/g

### **WWAN EGPRS 850 Middle CH190/Zoom Scan (7x7x9)/Cube 0:**

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

Reference Value = 1.68 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.027 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.021 mW/g

### **WWAN EGPRS 850 Middle CH190/Zoom Scan (7x7x9)/Cube 1:**

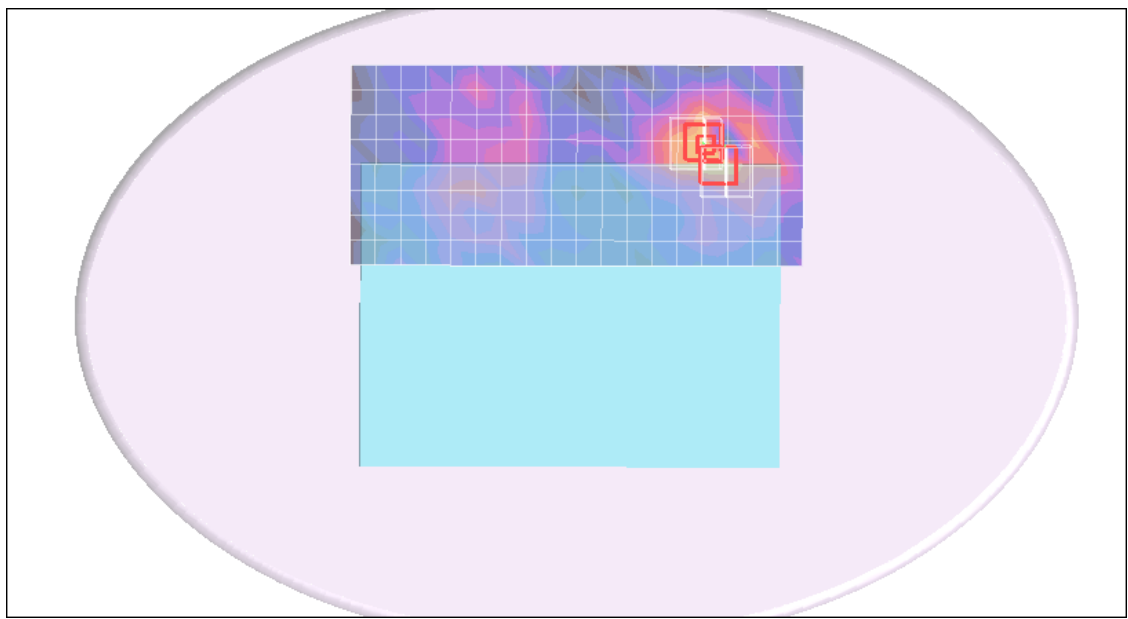
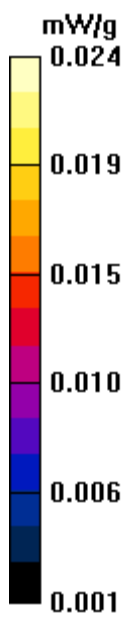
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.68 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.030 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.010 mW/g**

Maximum value of SAR (measured) = 0.021 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **EGPRS 1900 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: EGPRS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

## **WWAN EGPRS 1900 Middle CH661/Area Scan (9x19x1):**

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

Maximum value of SAR (measured) = 0.051 mW/g

## **WWAN EGPRS 1900 Middle CH661/Zoom Scan (7x7x9)/Cube 0:**

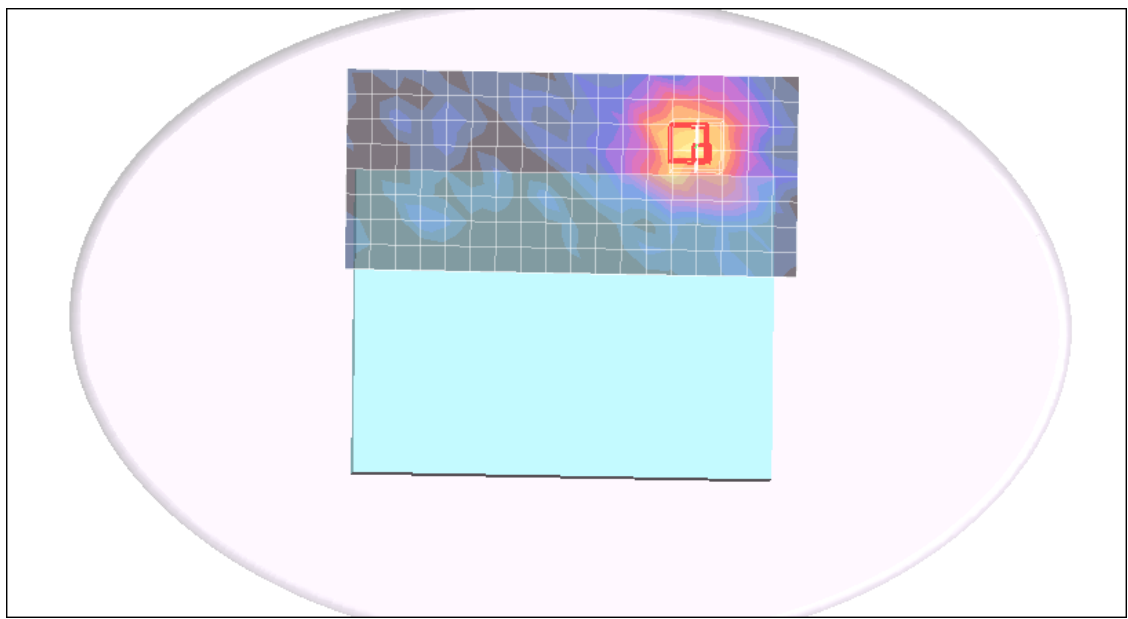
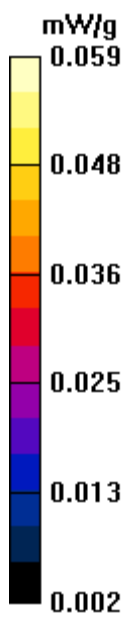
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.774 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WCDMA 850 Bottom Flat Touched mode WWAN Main Ant 102ok**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: WCDMA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**WWAN band V Middle CH4182/Area Scan (10x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.018 mW/g

**WWAN band V Middle CH4182/Zoom Scan (7x7x9)/Cube 0:**

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

Reference Value = 2.17 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g

**WWAN band V Middle CH4182 2/Zoom Scan (7x7x9)/Cube 1:**

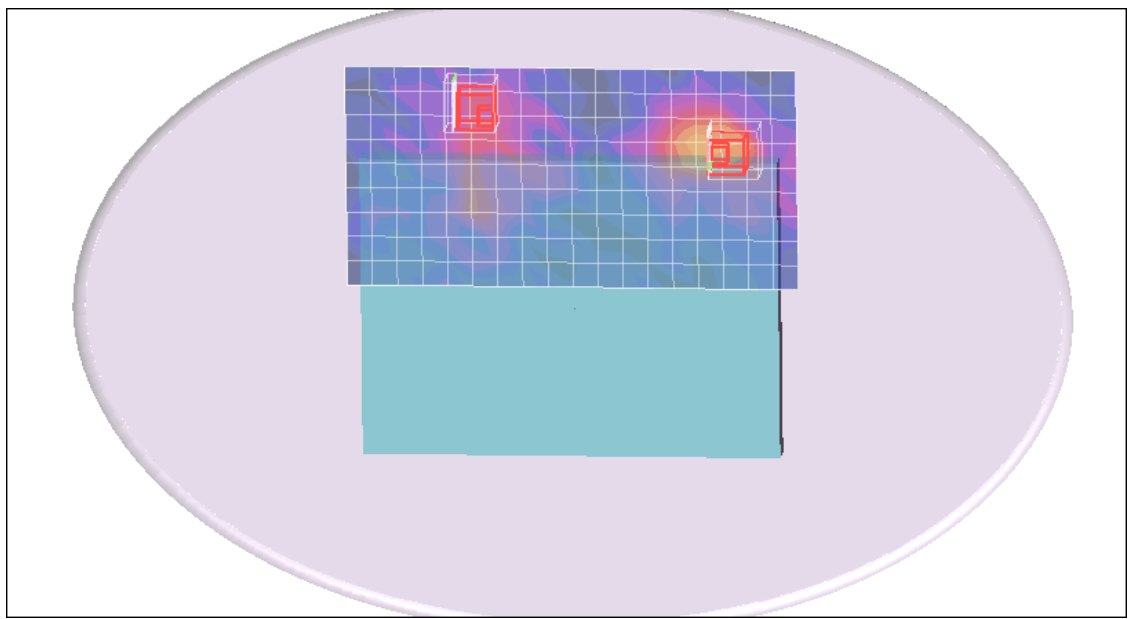
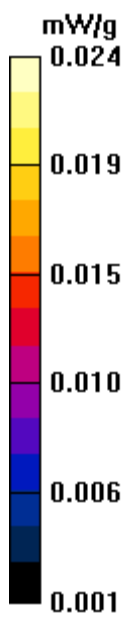
Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.17 V/m; Power Drift = -0.115 dB

Peak SAR (extrapolated) = 0.027 W/kg

**SAR(1 g) = 0.00964 mW/g; SAR(10 g) = 0.00695 mW/g**

Maximum value of SAR (measured) = 0.013 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **WCDMA 1900 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

## **WWAN WCDMA band II Middle CH9400/Area Scan (10x19x1):**

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

Maximum value of SAR (measured) = 0.082 mW/g

## **WWAN WCDMA band II Middle CH9400/Zoom Scan**

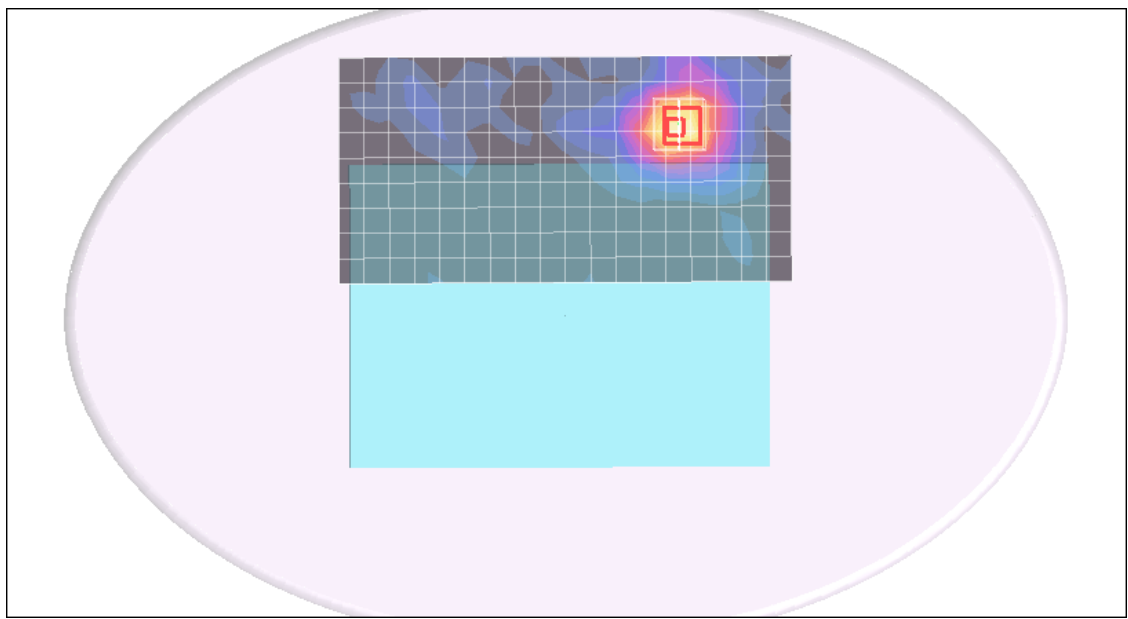
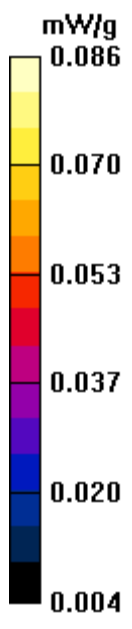
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.73 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.182 W/kg

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.086 mW/g





Test Laboratory: Compliance Certification Services Inc.

## **HSDPA 850 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: HSDPA Band V; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **WWAN HSDPA band V Middle CH4182/Area Scan (10x19x1):**

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

Maximum value of SAR (measured) = 0.021 mW/g

### **WWAN HSDPA band V Middle CH4182/Zoom Scan**

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

Reference Value = 2.31 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.029 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.008 mW/g**

Maximum value of SAR (measured) = 0.023 mW/g

### **WWAN HSDPA band V Middle CH4182/Zoom Scan**

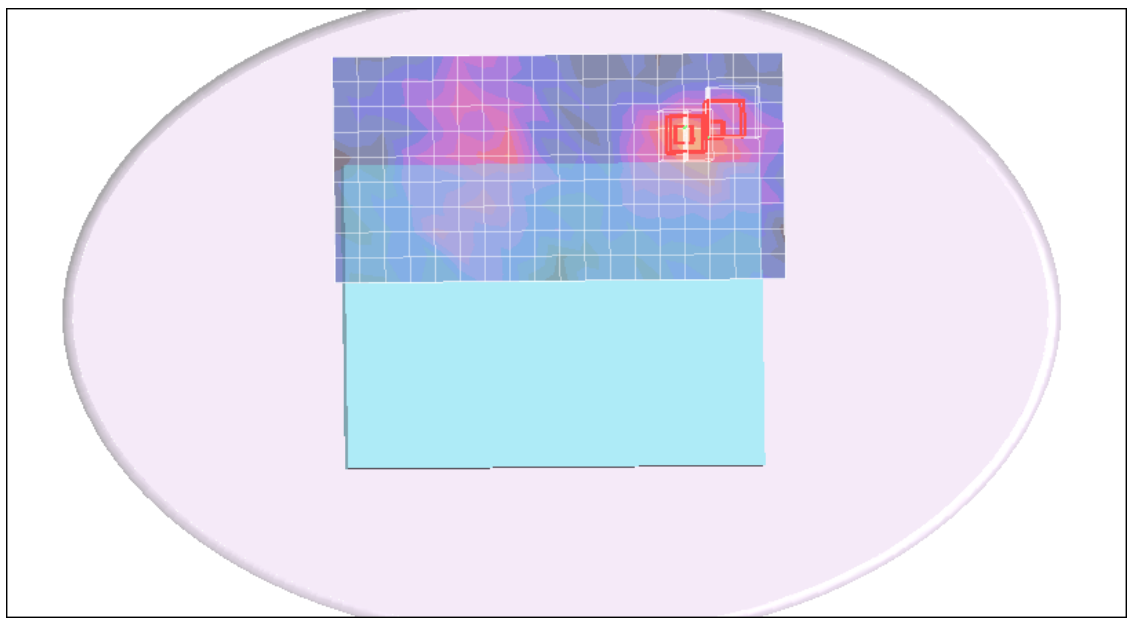
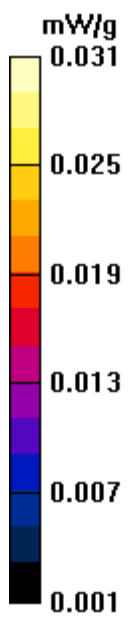
**(7x7x9)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.31 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.035 W/kg

**SAR(1 g) = 0.009 mW/g; SAR(10 g) = 0.006 mW/g**

Maximum value of SAR (measured) = 0.025 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **HSDPA 1900 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: WCDMA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

## **WWAN WCDMA band II Middle CH9400/Area Scan (10x19x1):**

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

Maximum value of SAR (measured) = 0.105 mW/g

## **WWAN WCDMA band II Middle CH9400/Zoom Scan**

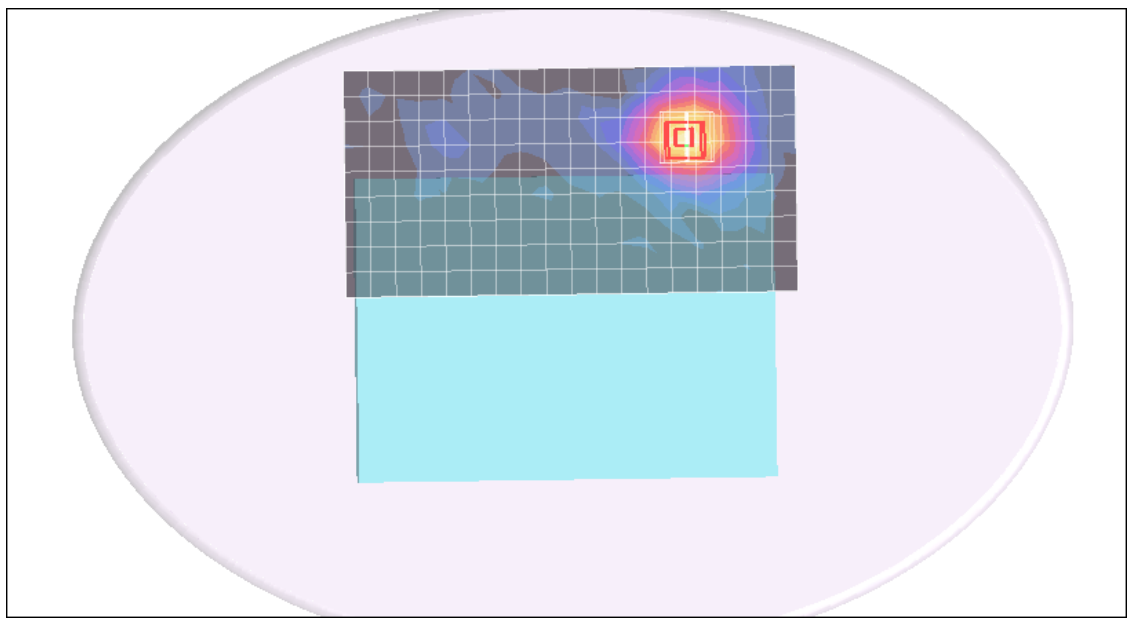
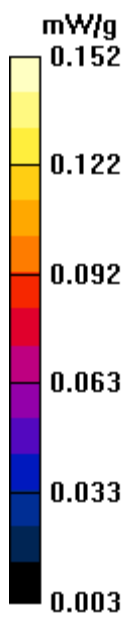
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.69 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.102 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **HSUPA 850 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: HSUPA 850; Frequency: 836.6 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(7.77, 7.77, 7.77);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

### **WWAN HSUPA 850 Middle CH4182/Area Scan (10x19x1):**

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

Maximum value of SAR (measured) = 0.028 mW/g

### **WWAN HSUPA 850 Middle CH4182/Zoom Scan (7x7x9)/Cube**

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

Reference Value = 2.35 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.057 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.032 mW/g

### **WWAN HSUPA 850 Middle CH4182/Zoom Scan (7x7x9)/Cube**

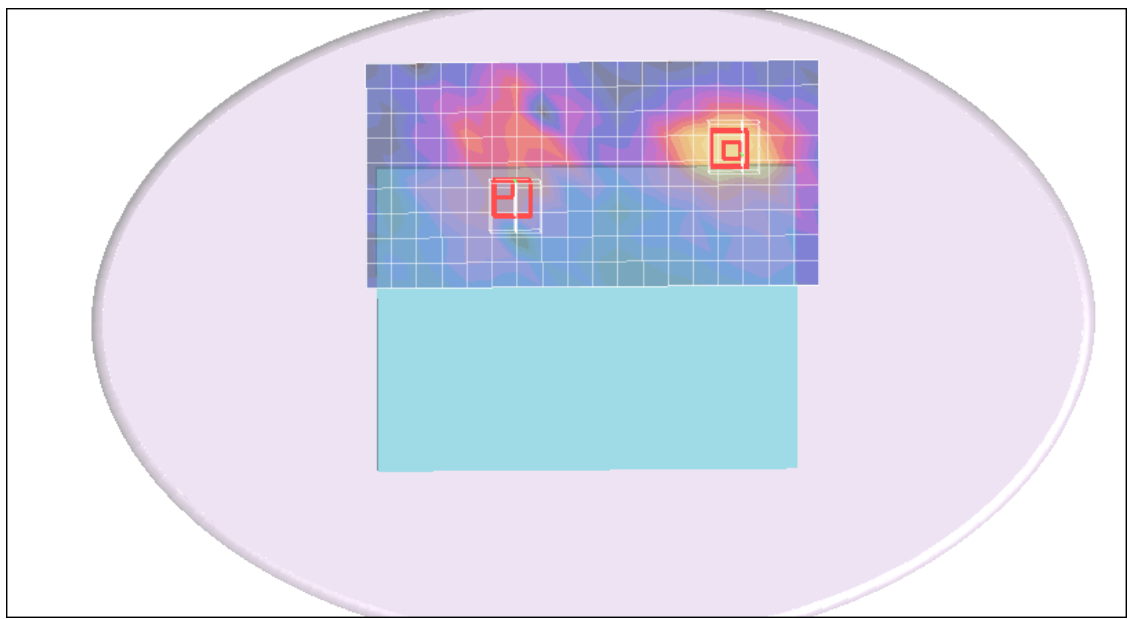
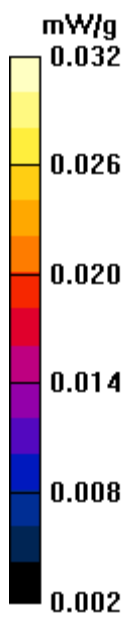
**1:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 2.35 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 0.029 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **HSUPA 1900 Bottom Flat Touched mode WWAN**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: HSUPA Band II; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.31, 6.31, 6.31);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

## **WWAN HSUPA band II Middle CH9400/Area Scan**

**(10x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.192 mW/g

## **WAN HSUPA band II Middle CH9400/Zoom Scan**

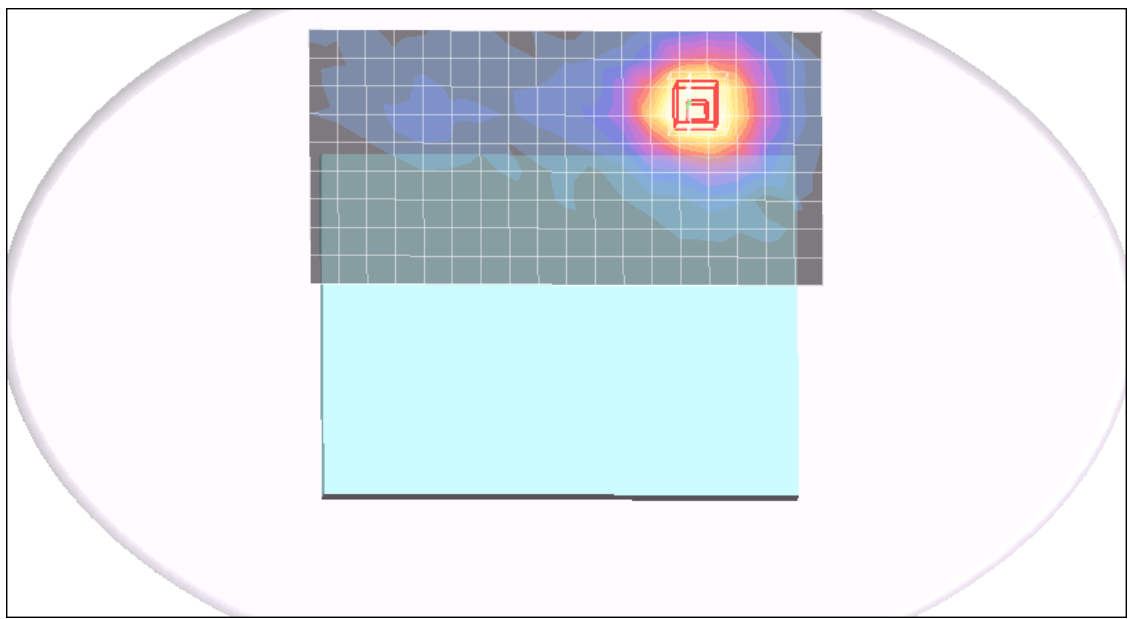
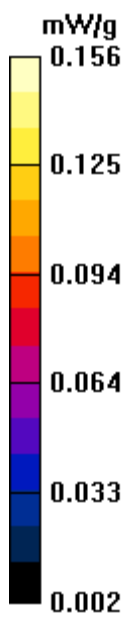
**(7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.65 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.526 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.044 mW/g**

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





Test Laboratory: Compliance Certification Services Inc.

## **80211b Bottom Flat mode 4067XXXX**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Middle CH Rate 1M/Area Scan (15x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.520 mW/g

**Middle CH Rate 1M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 1.81 V/m; Power Drift = -0.023 dB

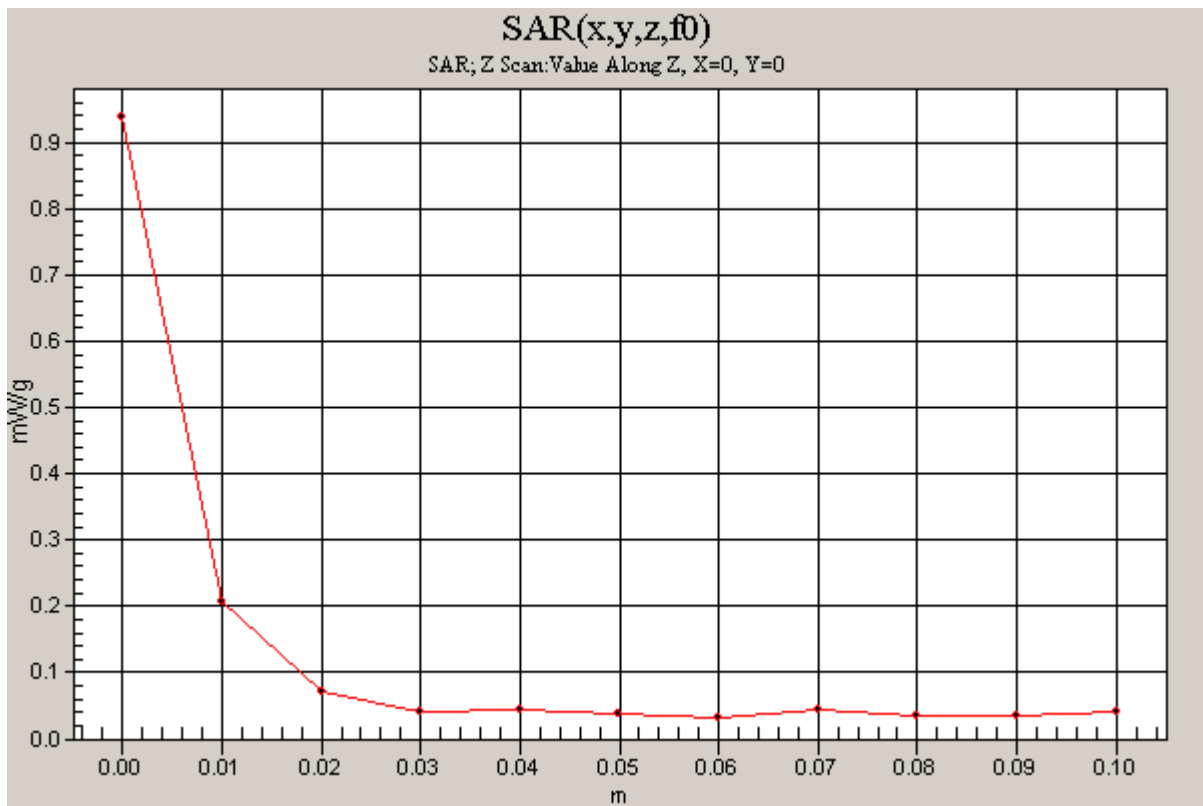
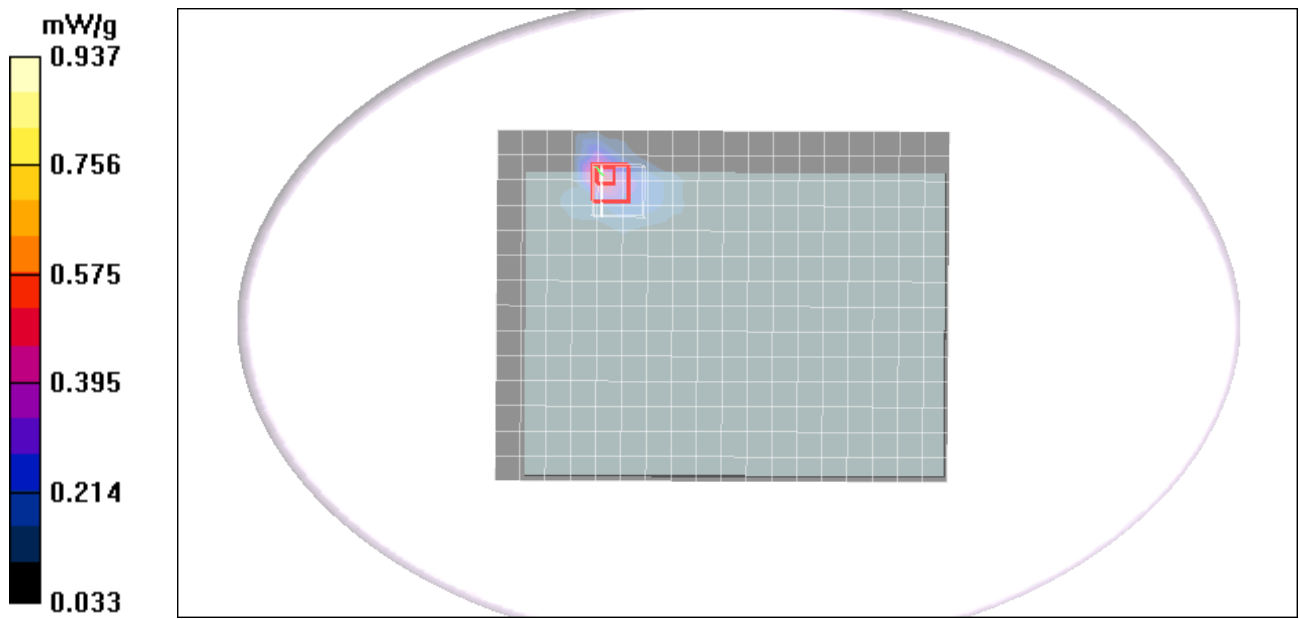
Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.662 mW/g

**Middle CH Rate 1M/Z Scan (1x1x11):** Measurement grid: dx=20mm, dy=20mm, dz=10mm

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



Test Laboratory: Compliance Certification Services Inc.

## **80211b Bottom Flat mode 4067XXXX**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 51.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**High CH Rate 1M/Area Scan (15x19x1):** Measurement grid: dx=15mm,  
dy=15mm

Maximum value of SAR (measured) = 0.520 mW/g

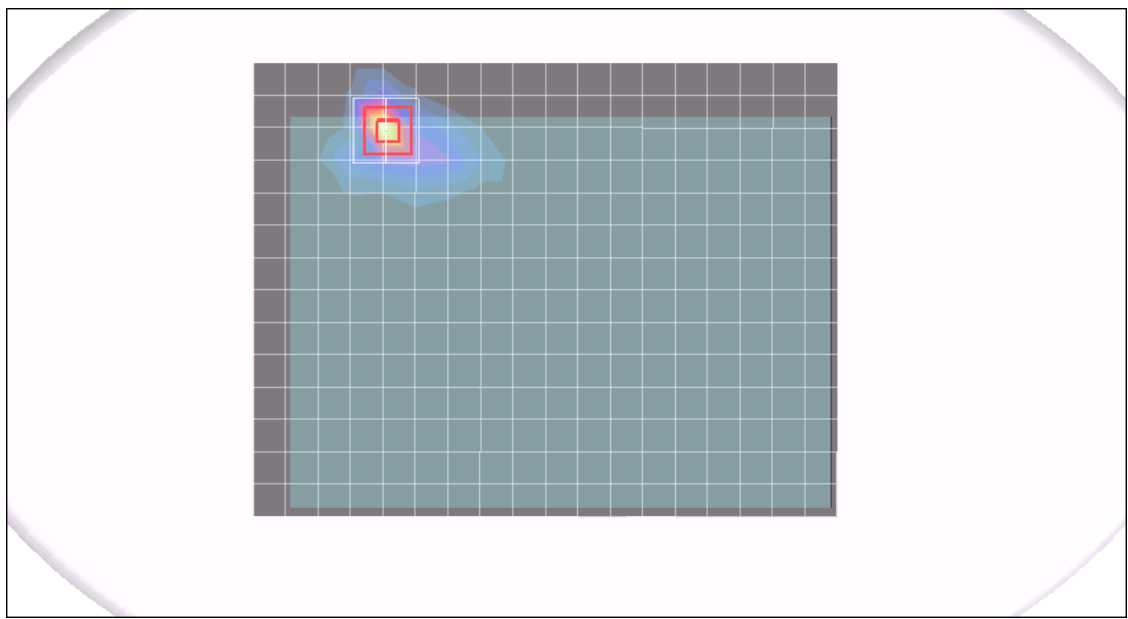
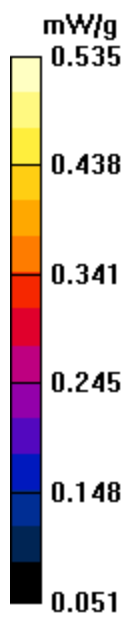
**High CH Rate 1M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm,  
dy=5mm, dz=3mm

Reference Value = 4.38 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.829 W/kg

**SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.535 mW/g



Test Laboratory: Compliance Certification Services Inc.

## **80211g Bottom Flat mode 4067XXXX 103**

**DUT: 4067XXXX; Type: 4067XXXX; Serial: N/A**

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.4 deg C; Liquid Temperature: 23.4 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(5.93, 5.93, 5.93);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 9/19/2008
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

**Middle CH Rate 6M/Area Scan (9x19x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.079 mW/g

**Middle CH Rate 6M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.000 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.125 mW/g

