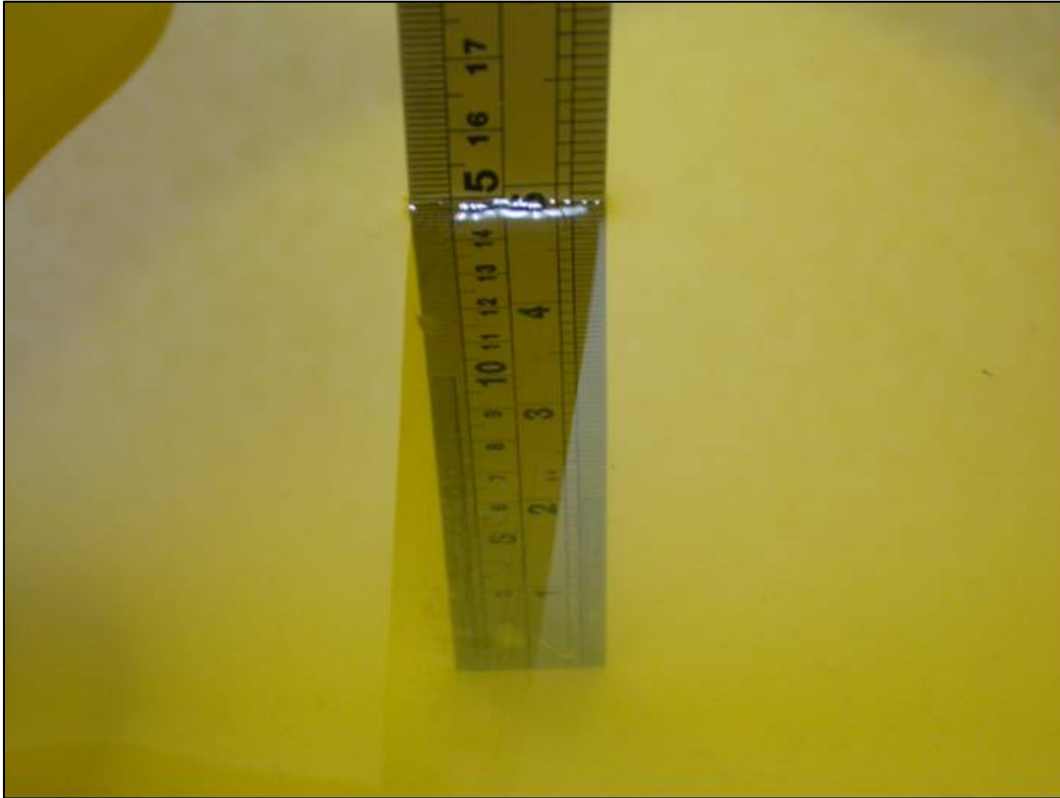


**APPENDIX A: TEST DATA**

**Liquid Level Photo**

**HSL 835MHz D=150mm**



**MSL 835MHz D=151mm**



**HSL 1900MHz D=155mm**



**MSL 1900MHz D=150mm**



**HSL 2450MHz D=152mm(WLAN)**



**HSL 2450MHz D=151mm(BT)**



MSL 2450MHz D=150mm



Test Laboratory: Advance Data Technology

## Right Head-Cheek-CDMA-Ch1013-Mode 1

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 824.2 MHz**

Communication System: CDMA ; Frequency: 824.2 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.87 \text{ mho/m}$ ;  $\epsilon_r = 42.1$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.692 mW/g

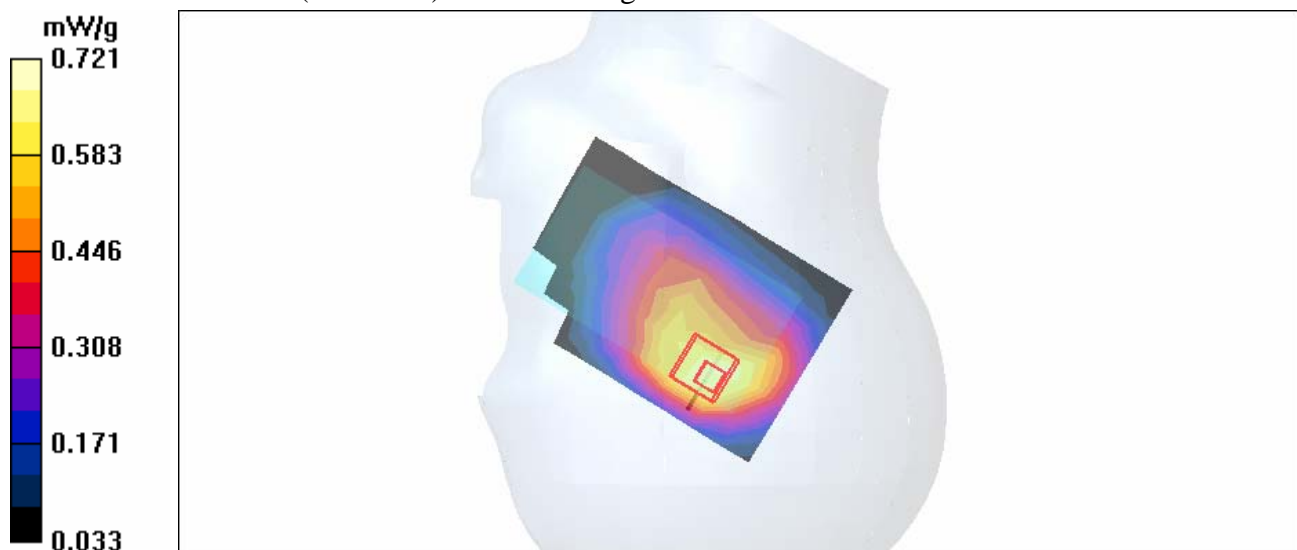
**Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.4 V/m

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.667 mW/g; SAR(10 g) = 0.413 mW/g**

Maximum value of SAR (measured) = 0.721 mW/g



Test Laboratory: Advance Data Technology

### Right Head-Cheek-CDMA-Ch384-Mode 1

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 384/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.779 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.6 V/m

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.492 mW/g**

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

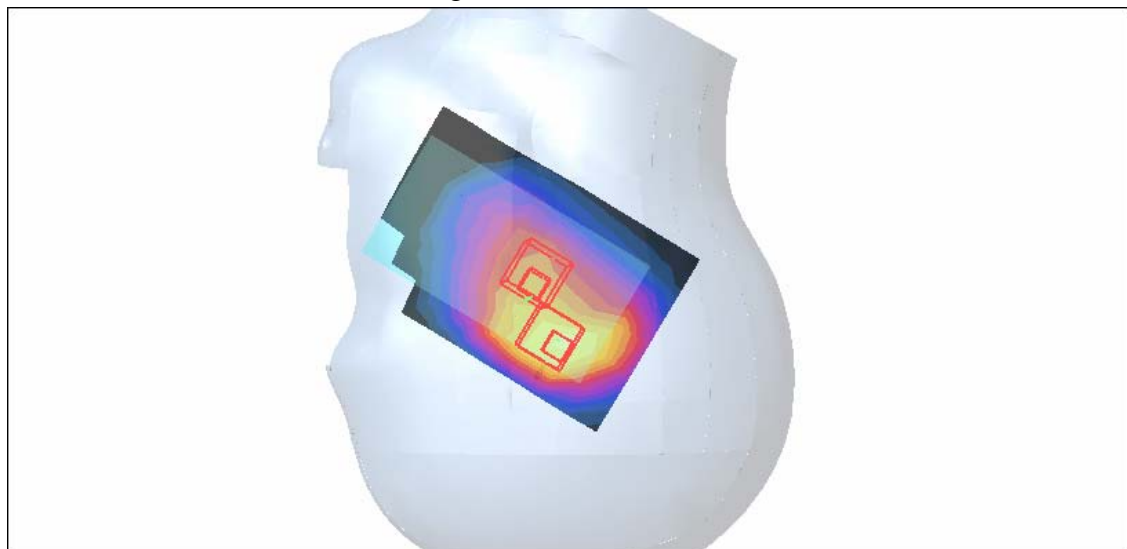
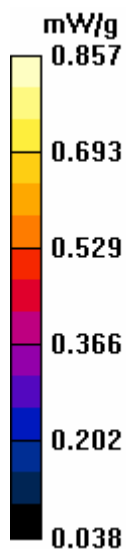
**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.6 V/m

Peak SAR (extrapolated) = 0.769 W/kg

**SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.454 mW/g**

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



Test Laboratory: Advance Data Technology

## Right Head-Cheek-CDMA-Ch777-Mode 1

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 848.8 MHz**

Communication System: CDMA ; Frequency: 848.8 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 848.8$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 777/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.661 mW/g

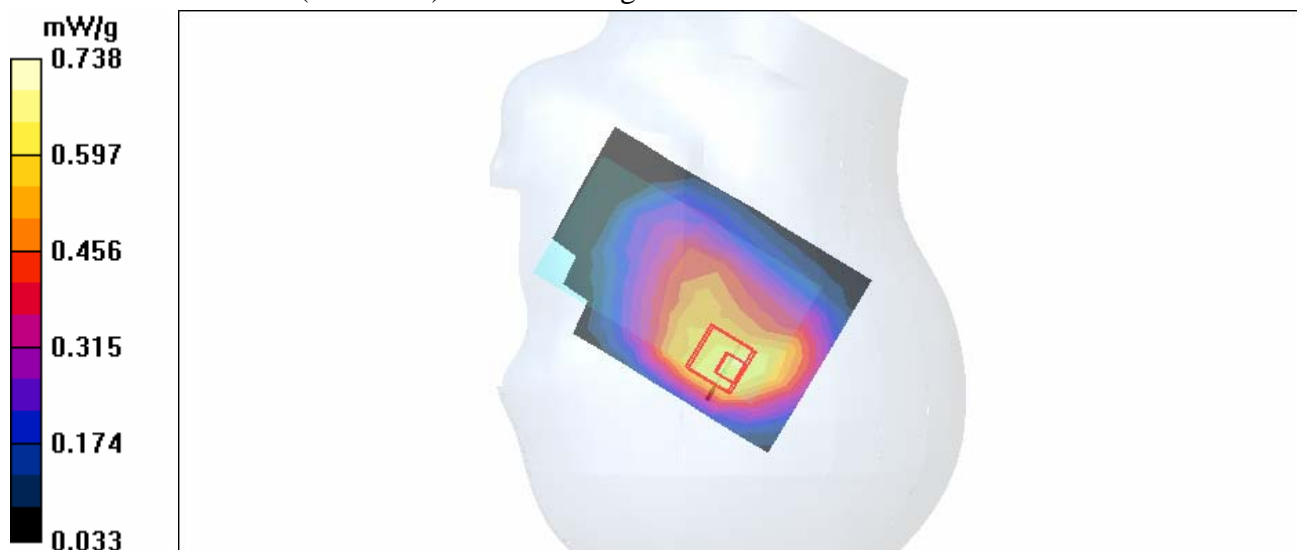
**Touch position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.4 V/m

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.679 mW/g; SAR(10 g) = 0.418 mW/g**

Maximum value of SAR (measured) = 0.738 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-CDMA-Ch1013-Mode 2

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 824.2 MHz**

Communication System: CDMA ; Frequency: 824.2 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.561 mW/g

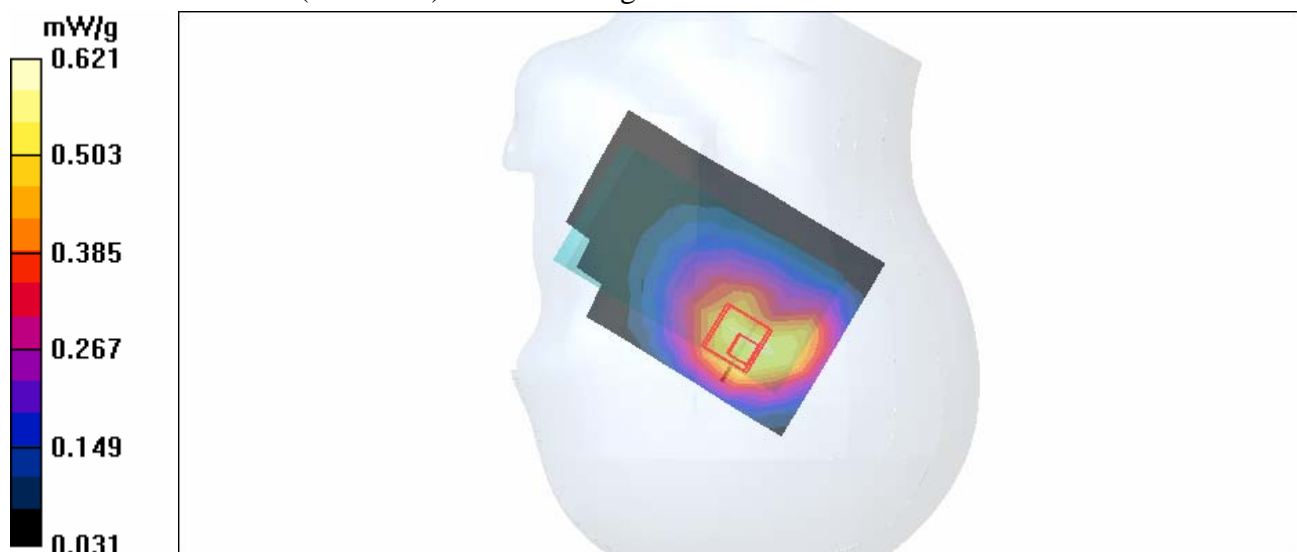
**Tilt position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m

Peak SAR (extrapolated) = 0.936 W/kg

**SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.362 mW/g**

Maximum value of SAR (measured) = 0.621 mW/g





Test Laboratory: Advance Data Technology

## Right Head-Tilt-CDMA-Ch384-Mode 2

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 384/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.675 mW/g

**Tilt position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

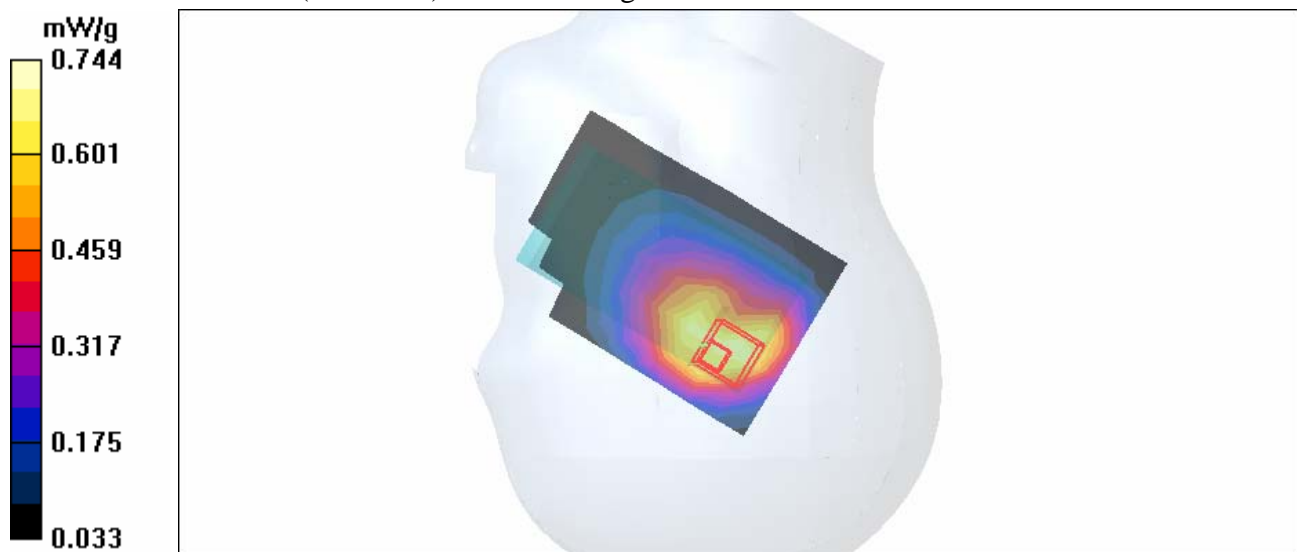
dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.7 V/m

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.398 mW/g**

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



Test Laboratory: Advance Data Technology

## Right Head-Tilt-CDMA-Ch777-Mode 2

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 848.8 MHz**

Communication System: CDMA ; Frequency: 848.8 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 777/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.576 mW/g

**Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

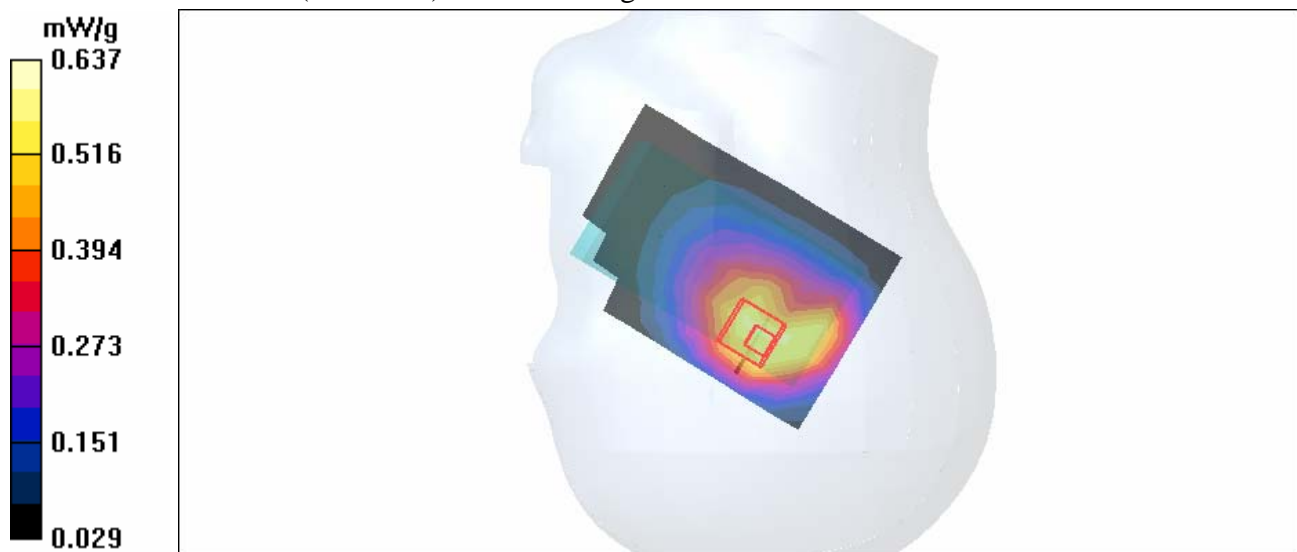
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.6 V/m

Peak SAR (extrapolated) = 0.976 W/kg

**SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.369 mW/g**

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



Test Laboratory: Advance Data Technology

### Left Head-Cheek-CDMA-Ch1013-Mode 3

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 824.2 MHz**

Communication System: CDMA ; Frequency: 824.2 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.87$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.731 mW/g

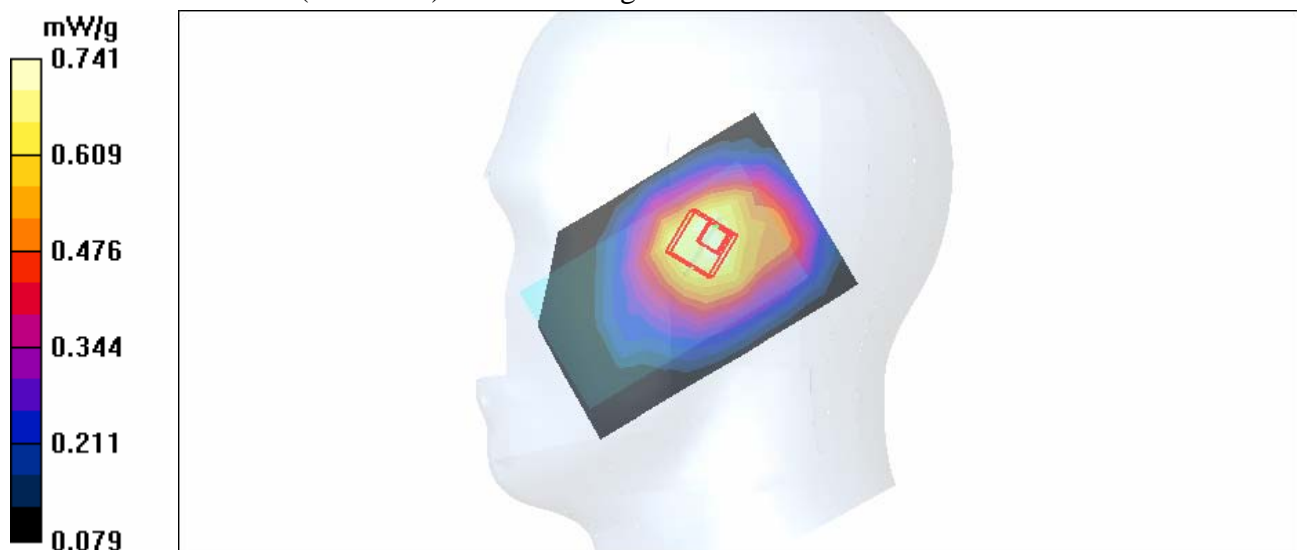
**Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.3 V/m

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.530 mW/g**

Maximum value of SAR (measured) = 0.741 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Cheek-CDMA-Ch384-Mode 3

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 384/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.891 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.648 mW/g**

Maximum value of SAR (measured) = 0.930 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

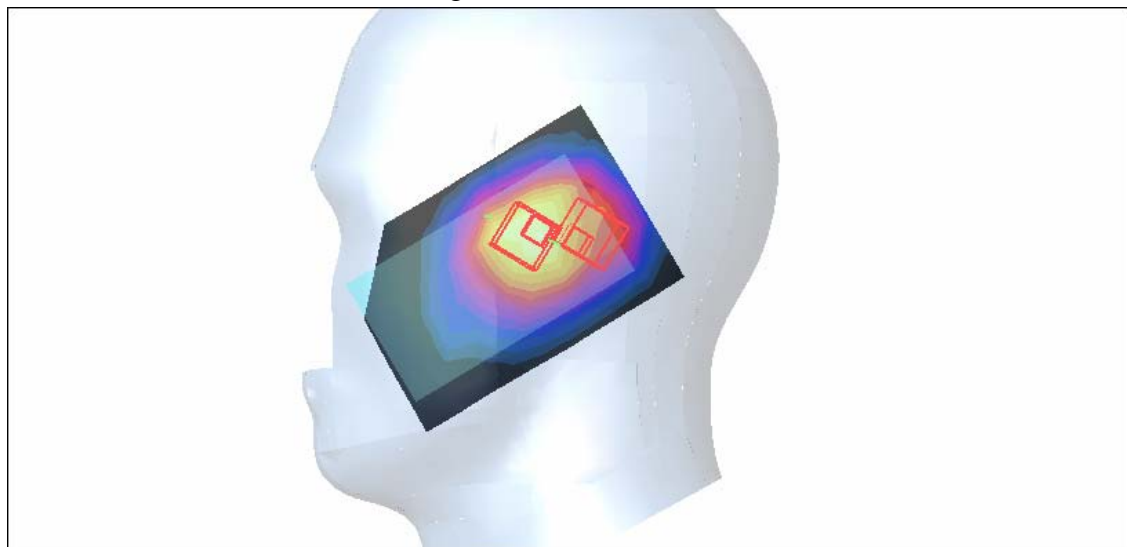
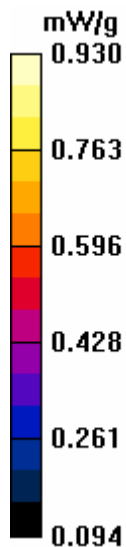
dx=5mm, dy=5mm, dz=5mm

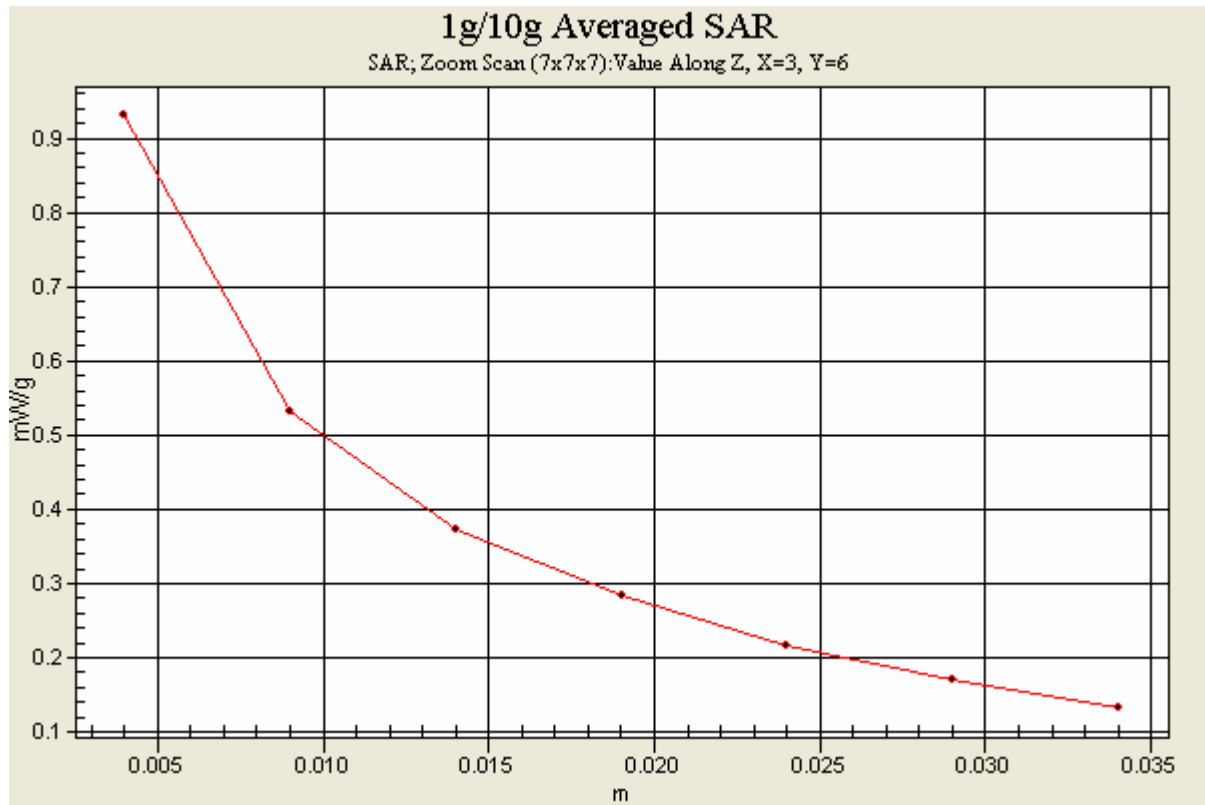
Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.403 mW/g**

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





Test Laboratory: Advance Data Technology

### Left Head-Cheek-CDMA-Ch777-Mode 3

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 848.8 MHz**

Communication System: CDMA ; Frequency: 848.8 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 777/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.735 mW/g

**Touch position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 25.5 V/m

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.531 mW/g**

Maximum value of SAR (measured) = 0.755 mW/g

**Touch position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

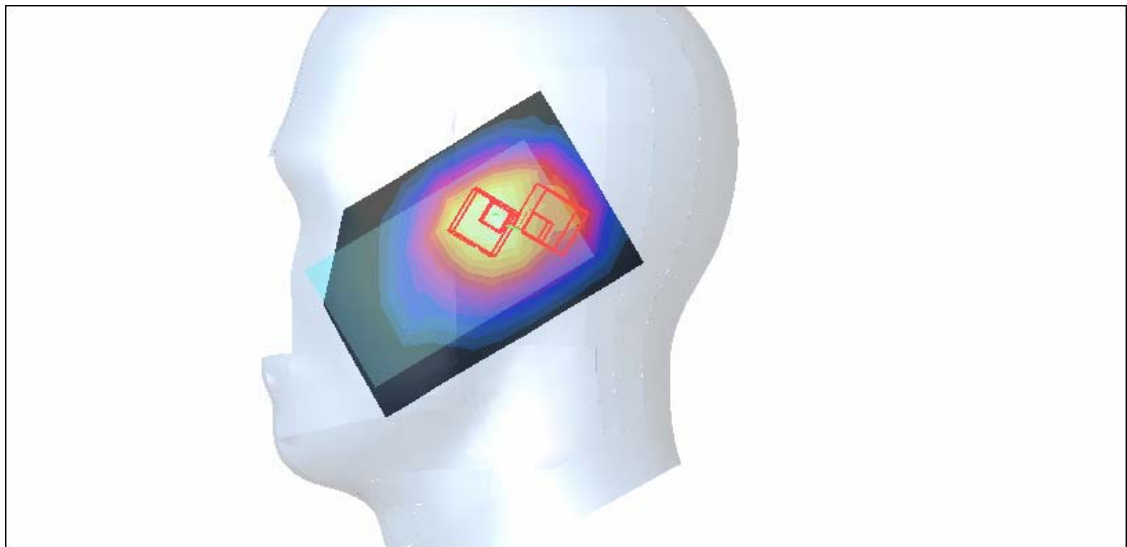
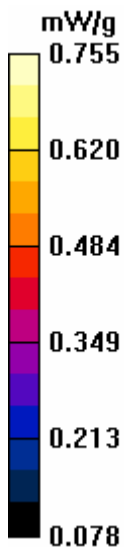
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 25.5 V/m

Peak SAR (extrapolated) = 0.899 W/kg

**SAR(1 g) = 0.530 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.678 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-CDMA-Ch1013-Mode 4**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 824.2 MHz**

Communication System: CDMA ; Frequency: 824.2 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.87 \text{ mho/m}$ ;  $\epsilon_r = 42.1$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 1013/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Tilt position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 24.6 V/m

Peak SAR (extrapolated) = 0.829 W/kg

**SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.415 mW/g**

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

**Tilt position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

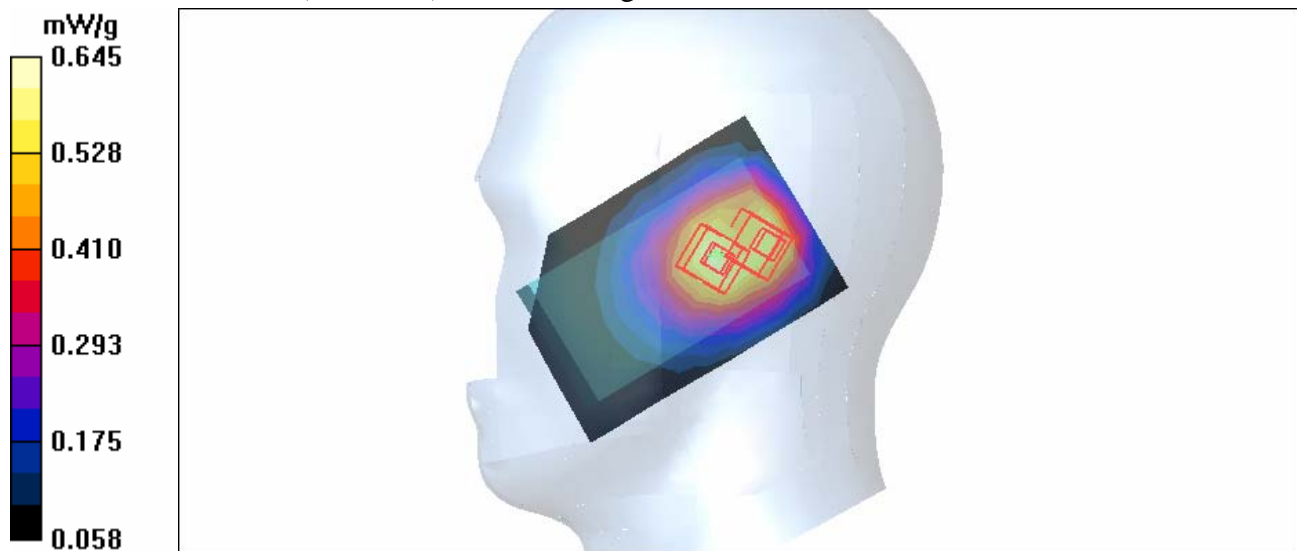
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 24.6 V/m

Peak SAR (extrapolated) = 0.895 W/kg

**SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.359 mW/g**

Maximum value of SAR (measured) = 0.631 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-CDMA-Ch384-Mode 4**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.790 mW/g

**Tilt position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 27.1 V/m

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.518 mW/g**

Maximum value of SAR (measured) = 0.799 mW/g

**Tilt position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

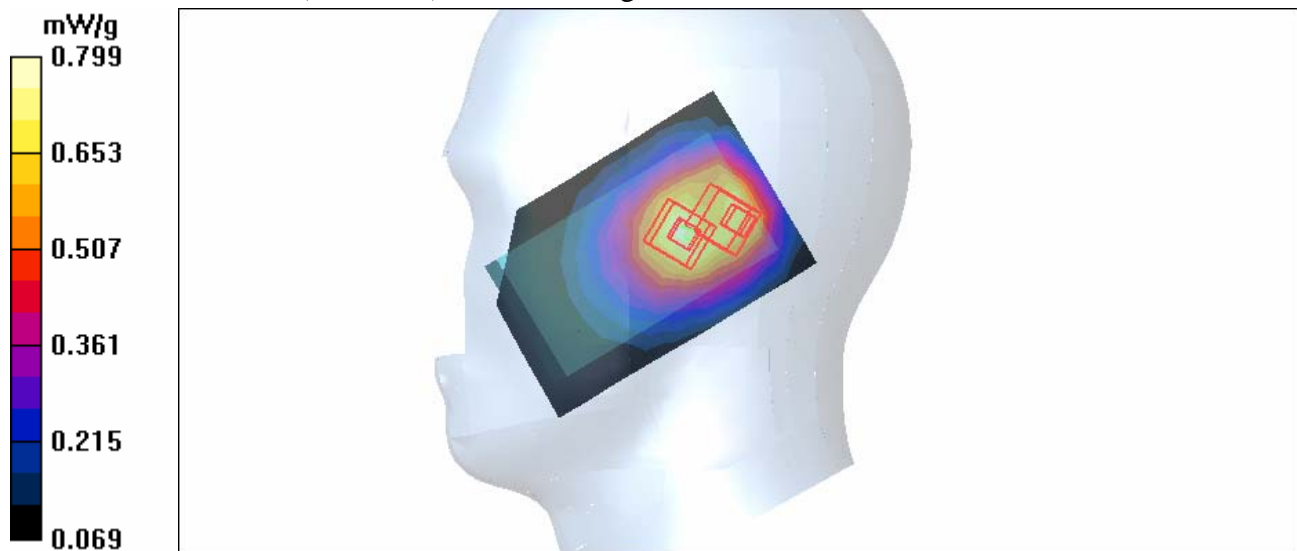
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 27.1 V/m

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.673 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 0.781 mW/g





Test Laboratory: Advance Data Technology

**Left Head-Tilt-CDMA-Ch777-Mode 4**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 848.8 MHz**

Communication System: CDMA ; Frequency: 848.8 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 777/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.639 mW/g

**Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 23.9 V/m

Peak SAR (extrapolated) = 0.833 W/kg

**SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.417 mW/g**

Maximum value of SAR (measured) = 0.644 mW/g

**Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

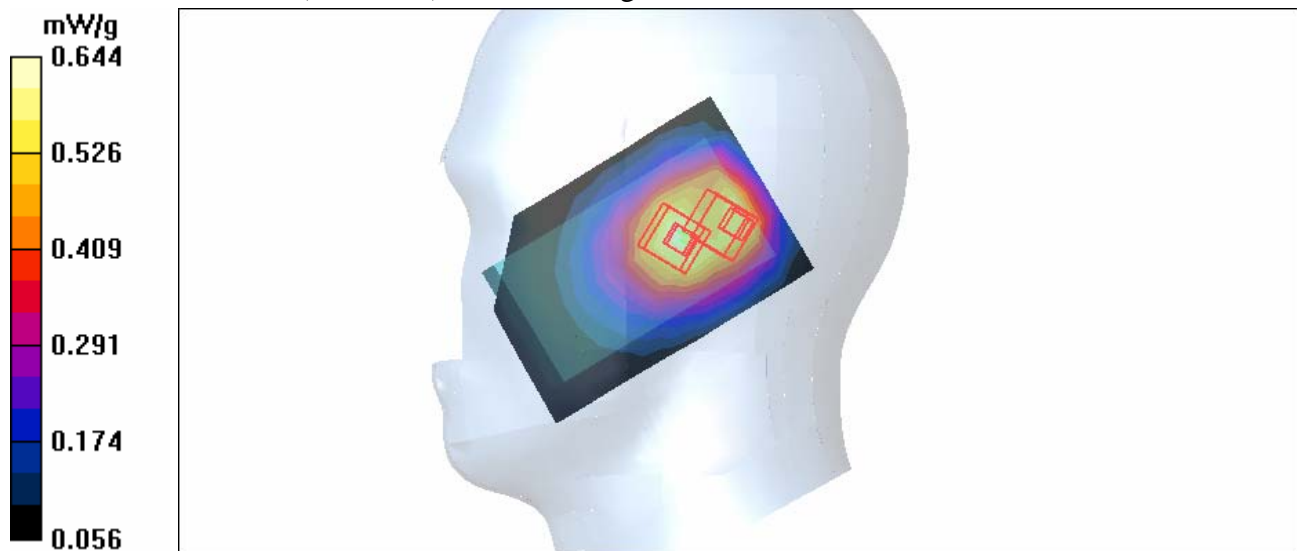
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.9 V/m

Peak SAR (extrapolated) = 0.926 W/kg

**SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.352 mW/g**

Maximum value of SAR (measured) = 0.625 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch1013-Keypad Down-Mode 5

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 824.2 MHz**

Communication System: CDMA ; Frequency: 824.2 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.94 \text{ mho/m}$ ;  $\epsilon_r = 55.1$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.653 mW/g

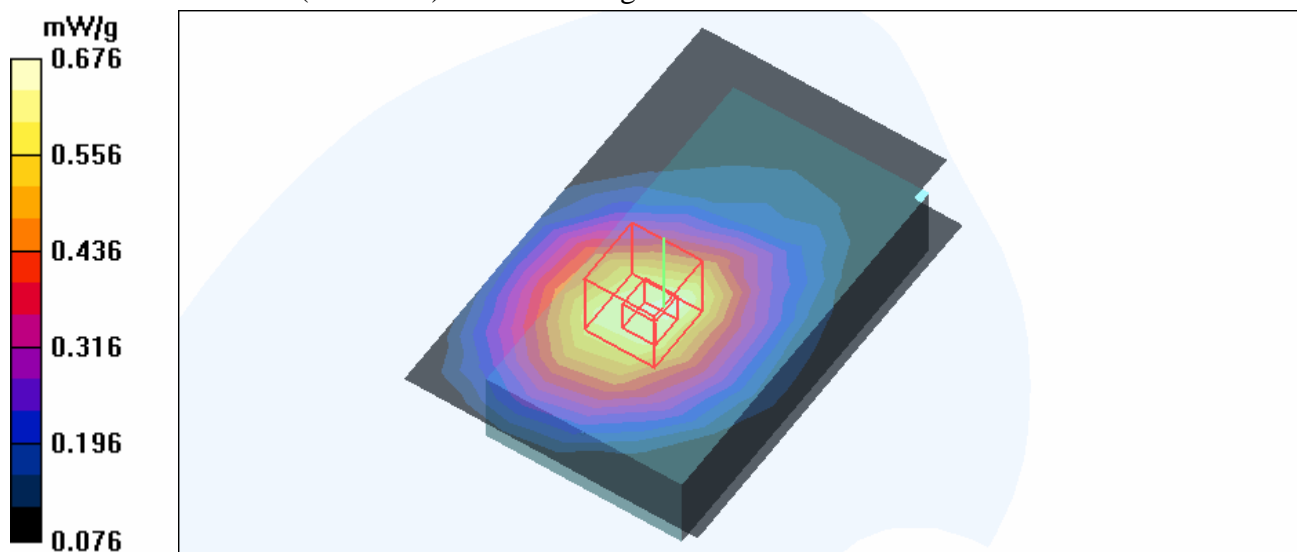
**Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m

Peak SAR (extrapolated) = 0.834 W/kg

**SAR(1 g) = 0.638 mW/g; SAR(10 g) = 0.454 mW/g**

Maximum value of SAR (measured) = 0.676 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch384-Keypad Down-Mode 5

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.807 mW/g

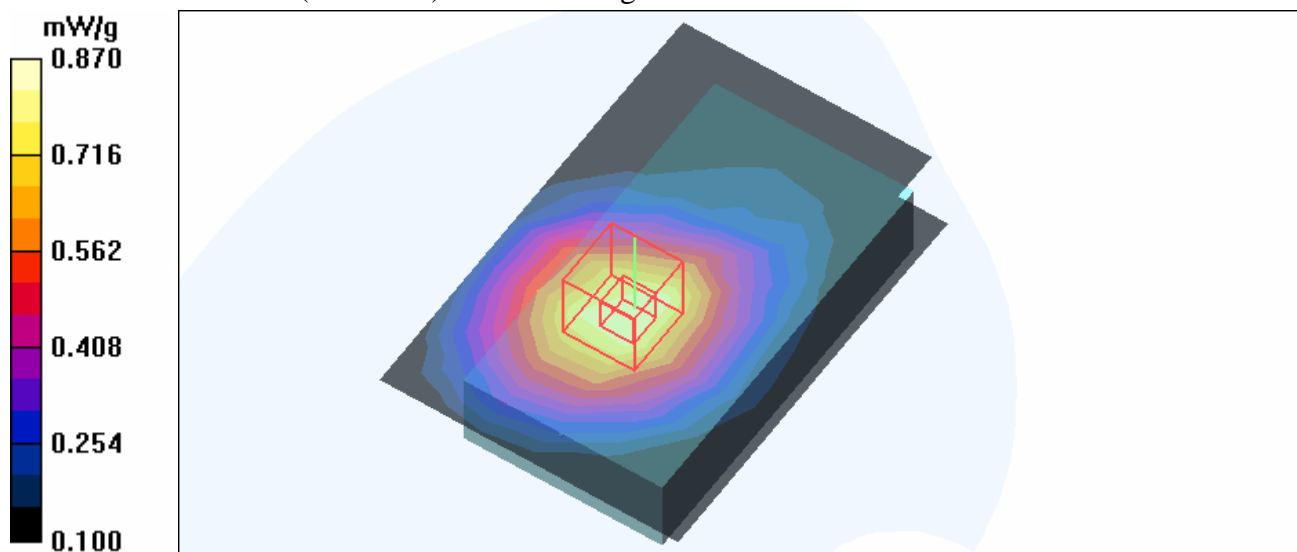
**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 19.1 V/m

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.578 mW/g**

Maximum value of SAR (measured) = 0.870 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch777-Keypad Down-Mode 5

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 848.8 MHz**

Communication System: CDMA ; Frequency: 848.8 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 54.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 777/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.512 mW/g

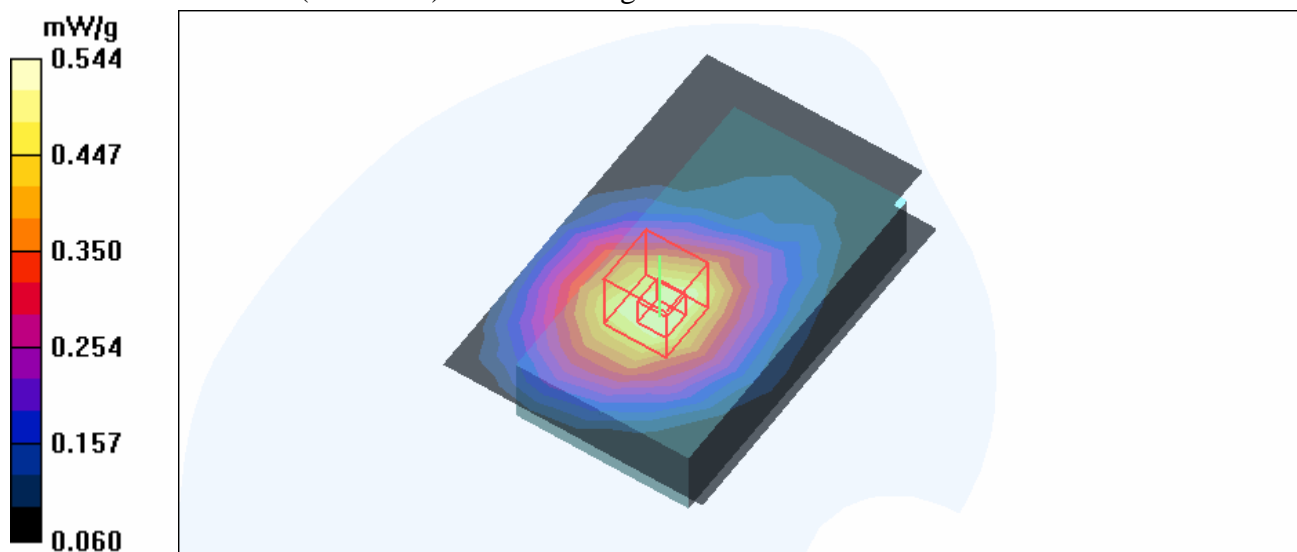
**High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 15.1 V/m

Peak SAR (extrapolated) = 0.685 W/kg

**SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 0.544 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch384-Keypad Up-Mode 6

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK  
 Separation Distance : 0 mm ( The front side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.543 mW/g

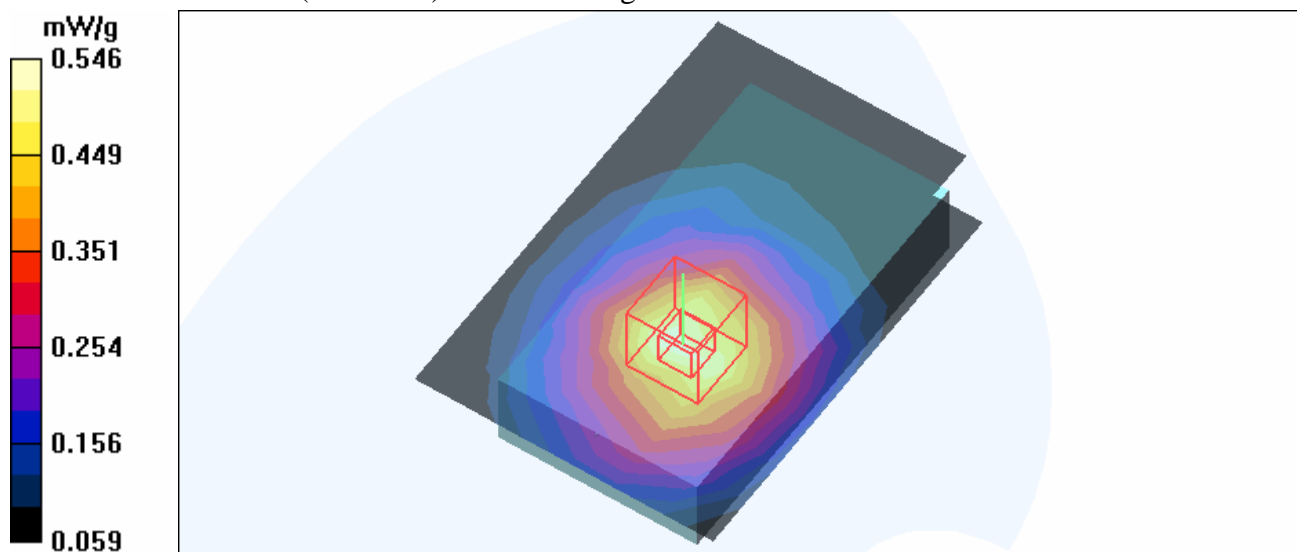
**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.9 V/m

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.367 mW/g**

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



Test Laboratory: Advance Data Technology

## Body Worn-EVDO-Ch1013-Keypad Down-Mode 7

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 824.2 MHz**

Communication System: CDMA ; Frequency: 824.2 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.94$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15

- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 1013/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.774 mW/g

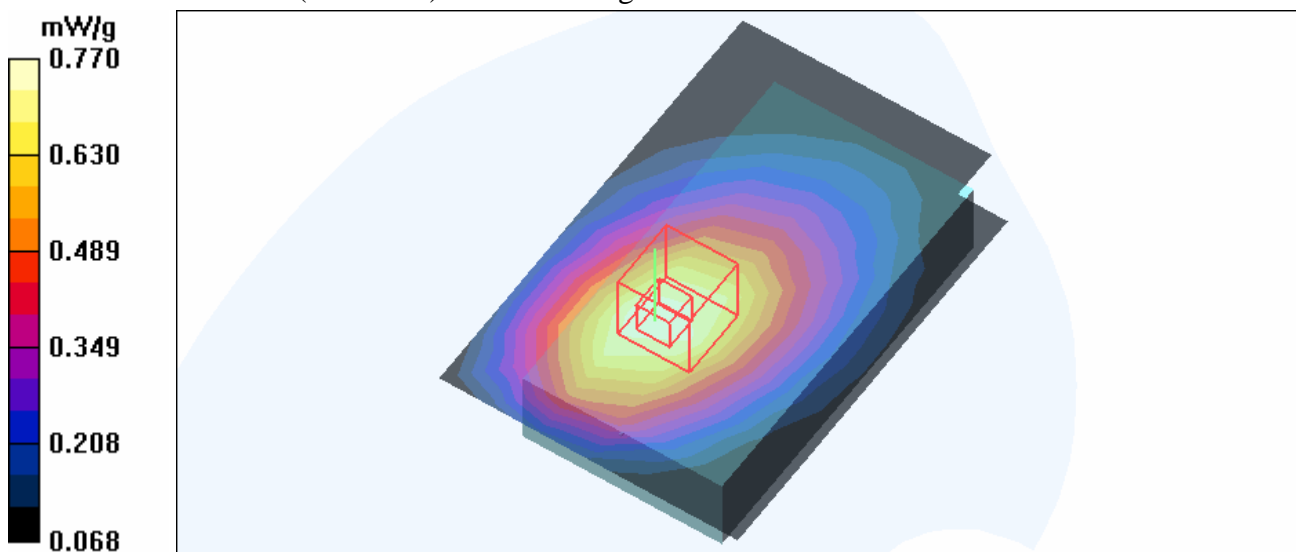
**Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.7 V/m

Peak SAR (extrapolated) = 0.952 W/kg

**SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.520 mW/g**

Maximum value of SAR (measured) = 0.770 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-EVDO-Ch384-Keypad Down-Mode 7

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.961 mW/g

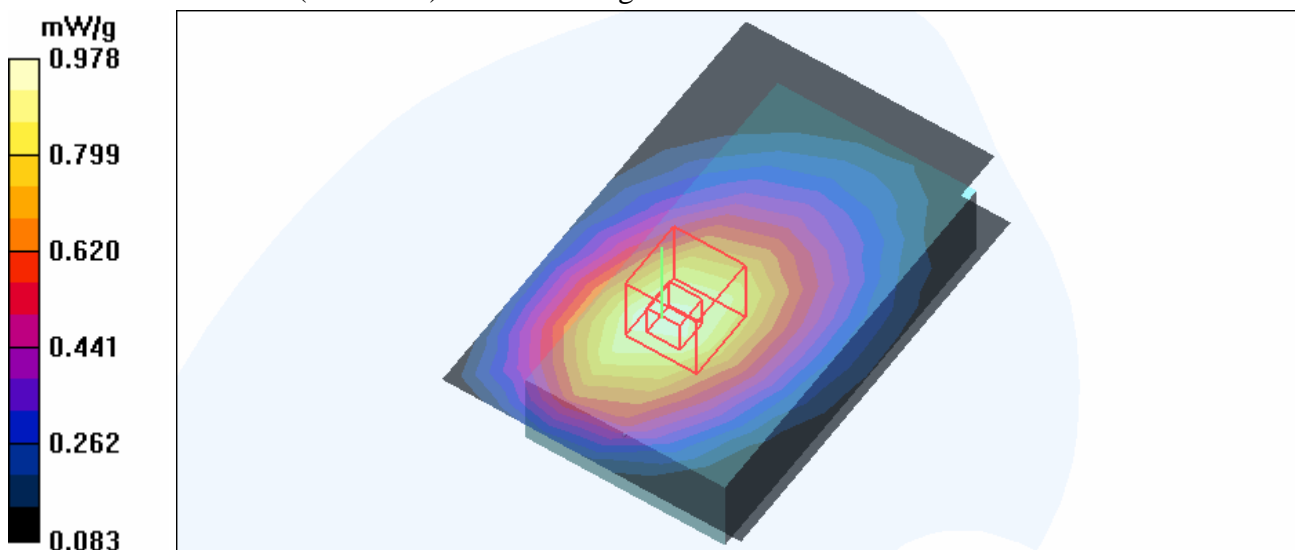
**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

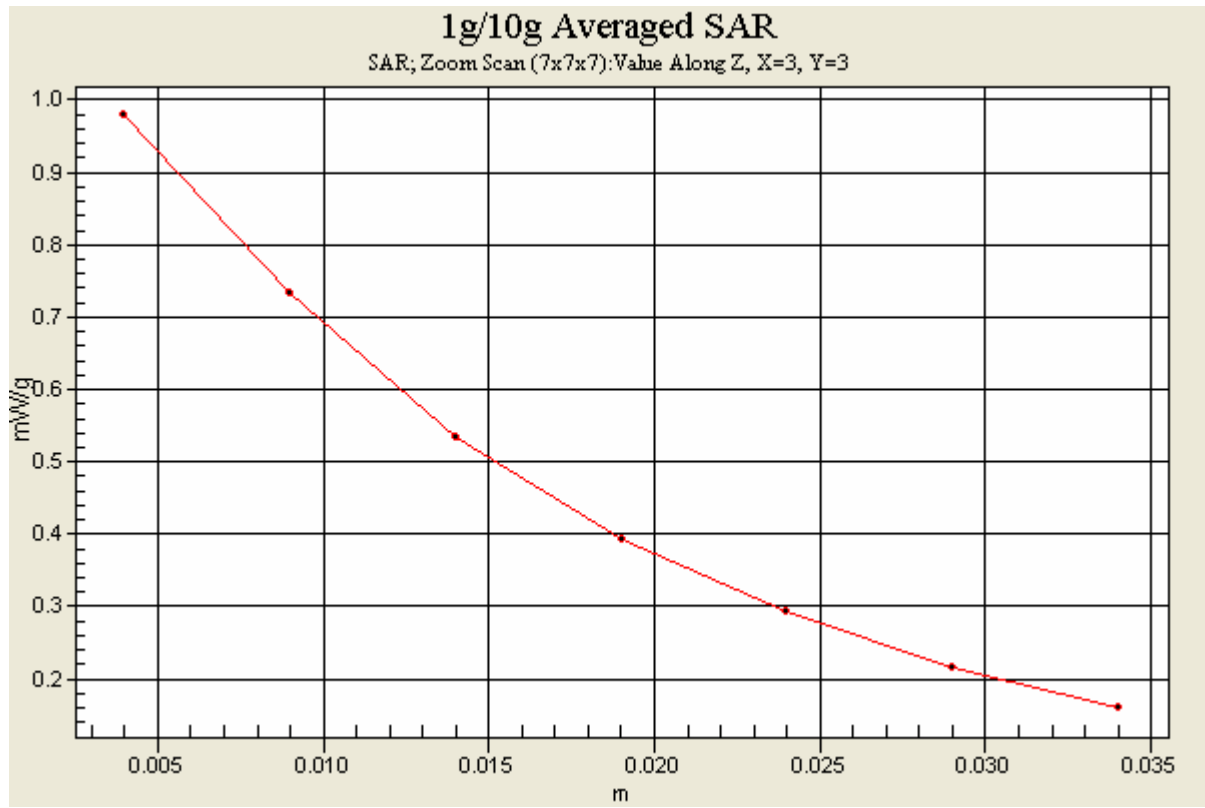
Reference Value = 24.9 V/m

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.666 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g







Test Laboratory: Advance Data Technology

## Body Worn-EVDO-Ch777-Keypad Down-Mode 7

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 848.8 MHz**

Communication System: CDMA ; Frequency: 848.8 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 848.8 \text{ MHz}$ ;  $\sigma = 0.96 \text{ mho/m}$ ;  $\epsilon_r = 54.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 777/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.601 mW/g

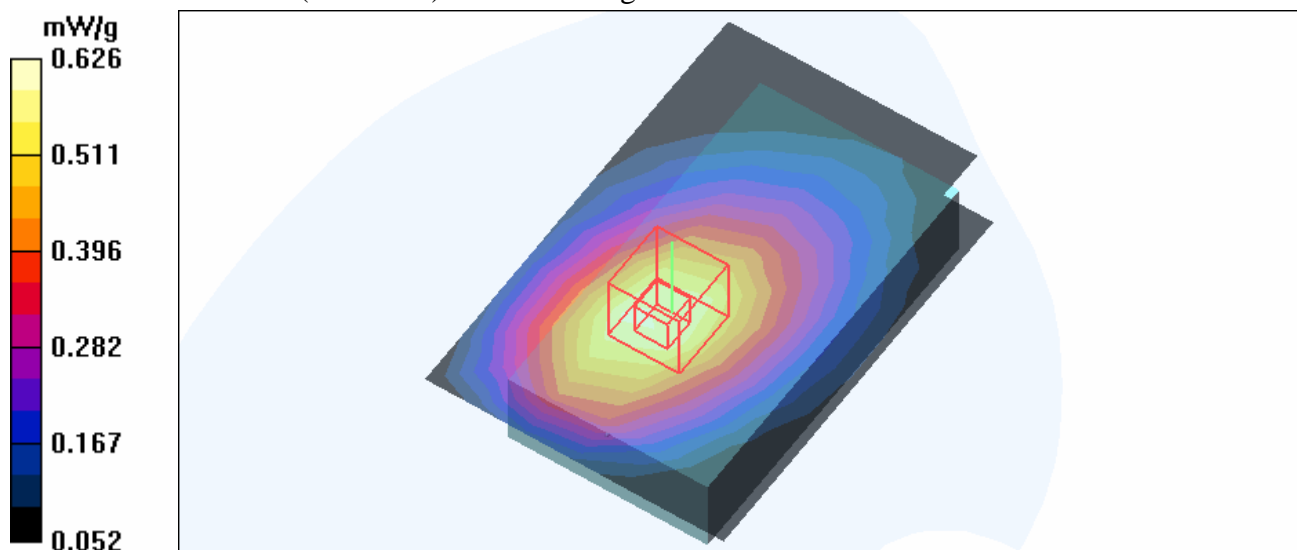
**High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 19.8 V/m

Peak SAR (extrapolated) = 0.776 W/kg

**SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.424 mW/g**

Maximum value of SAR (measured) = 0.626 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch384-Keypad Down-Korea Battery-Mode 8

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.951 mW/g

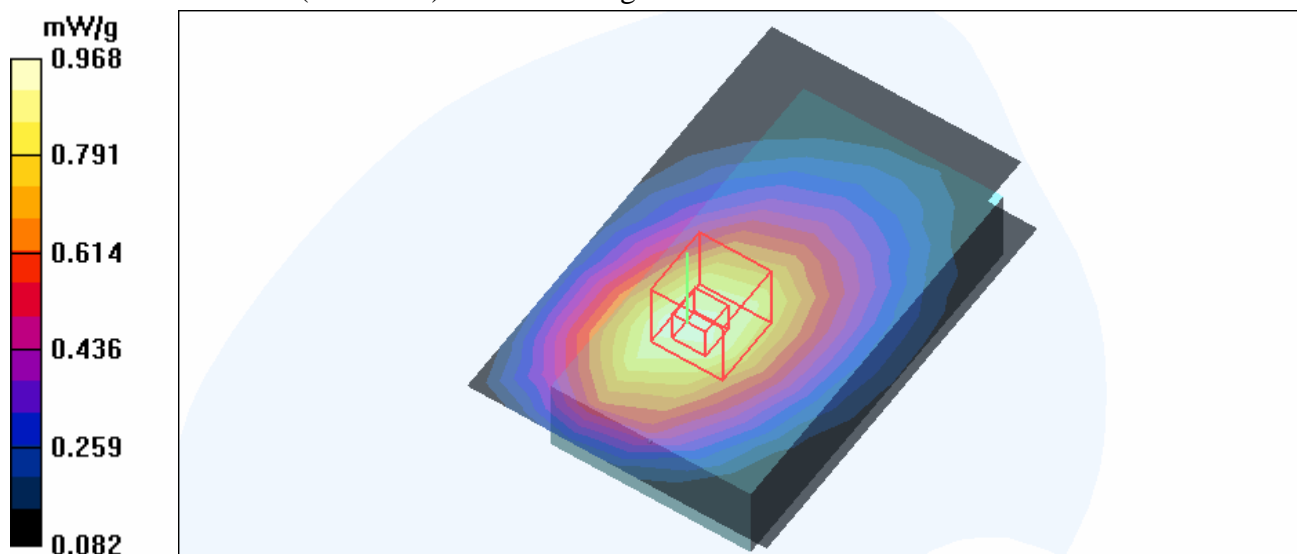
**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 24.9 V/m

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.912 mW/g; SAR(10 g) = 0.659 mW/g**

Maximum value of SAR (measured) = 0.968 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch384-Keypad Down-RF SAMPLE-Mode 9

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK  
 Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.931 mW/g

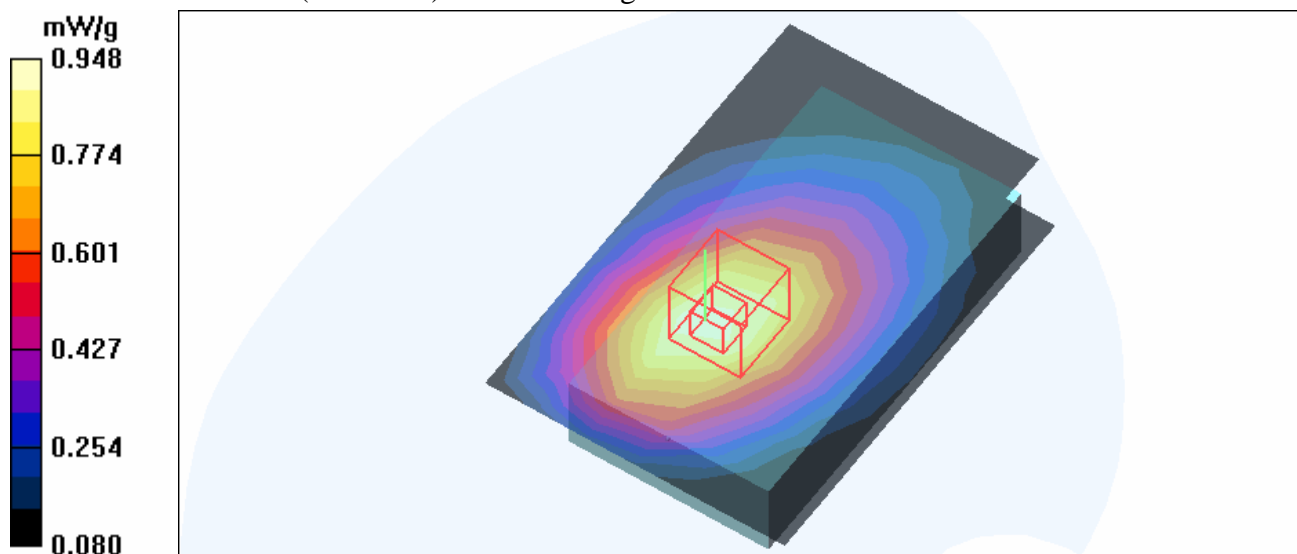
**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 24.9 V/m

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.893 mW/g; SAR(10 g) = 0.645 mW/g**

Maximum value of SAR (measured) = 0.948 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-CDMA(850)-Ch384-Keypad Up-Mode 10

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz**

Communication System: CDMA ; Frequency: 836.6 MHz ; Duty Cycle: 1:1  
 Medium: MSL835 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK  
 Separation Distance : 0 mm ( The front side of the EUT to the Phantom)  
 Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.710 mW/g

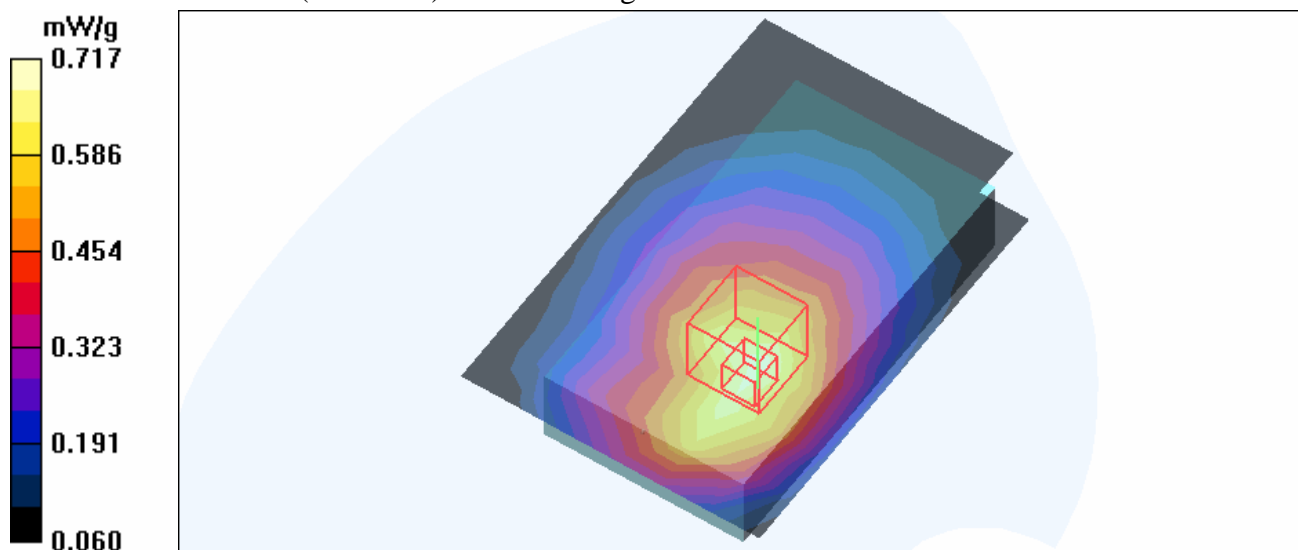
**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 22.6 V/m

Peak SAR (extrapolated) = 0.934 W/kg

**SAR(1 g) = 0.674 mW/g; SAR(10 g) = 0.470 mW/g**

Maximum value of SAR (measured) = 0.717 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-CDMA(1900)-Ch25-Mode 11**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1851.25 MHz**

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.35 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 25/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.755 mW/g

**Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.883 mW/g

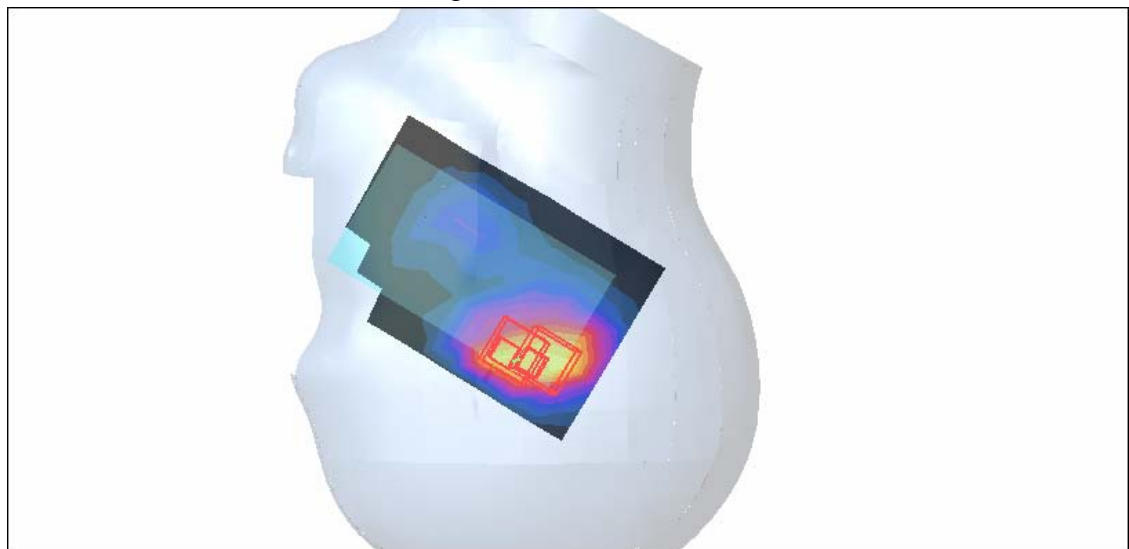
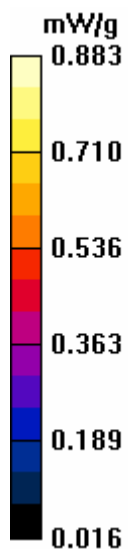
**Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.3 V/m

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.387 mW/g**

Maximum value of SAR (measured) = 0.838 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-CDMA(1900)-Ch600-Mode 11**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1880 MHz**

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 600/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.810 mW/g

**Touch position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.447 mW/g**

Maximum value of SAR (measured) = 0.902 mW/g

**Touch position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

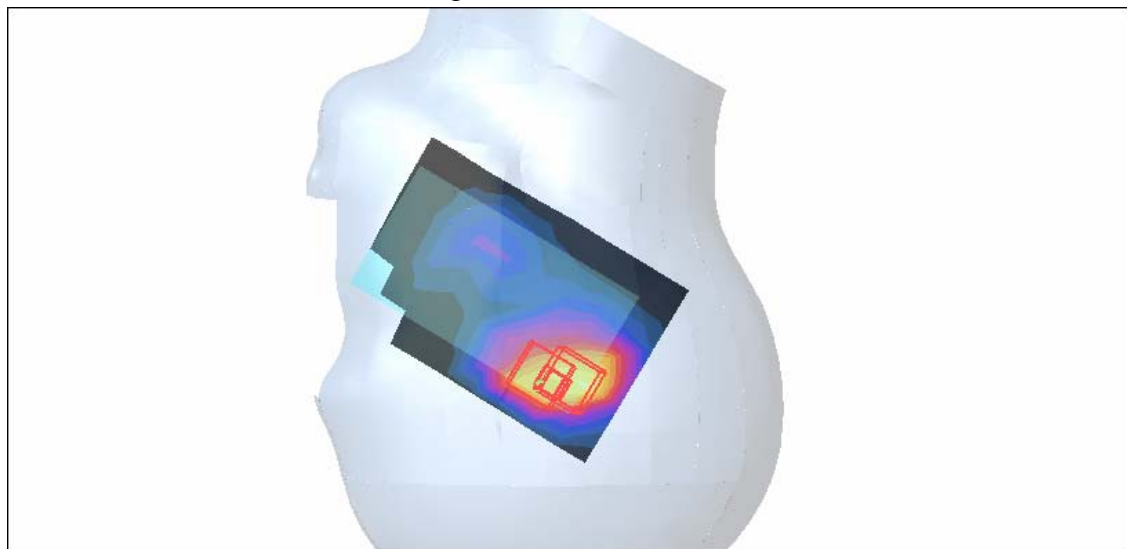
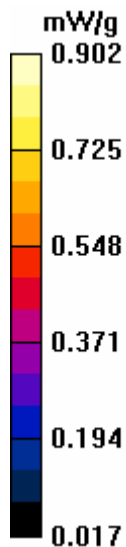
dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.430 mW/g**

Maximum value of SAR (measured) = 0.878 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-CDMA(1900)-Ch1175-Mode 11

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1908.75$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.888 mW/g

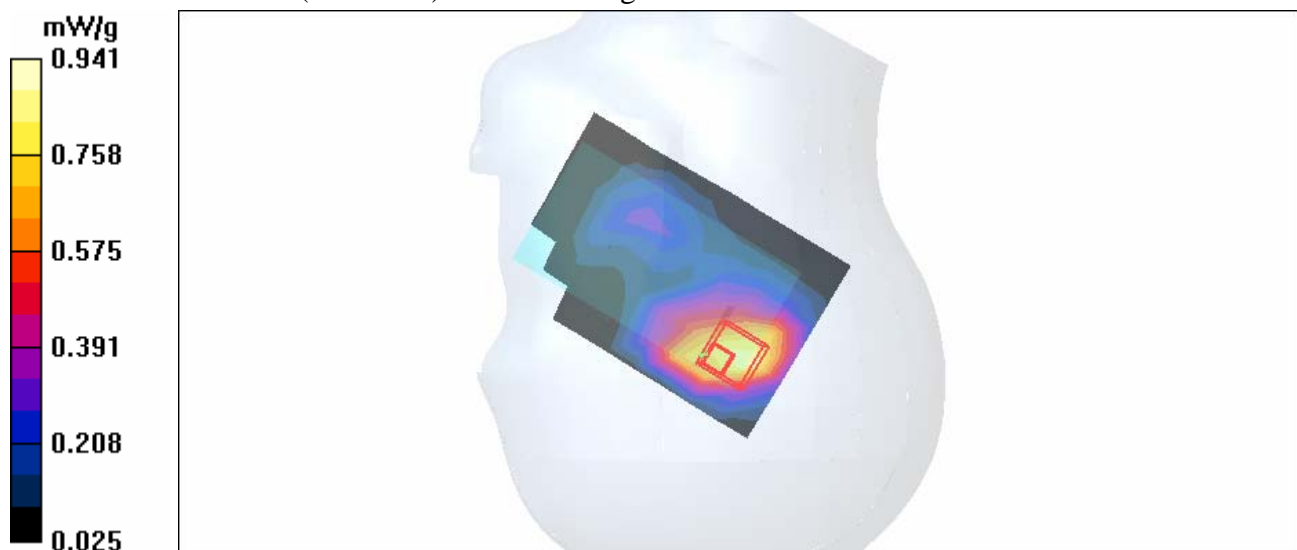
**Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.6 V/m

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.465 mW/g**

Maximum value of SAR (measured) = 0.941 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-CDMA(1900)-Ch25-Mode 12

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1851.25 MHz**

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK

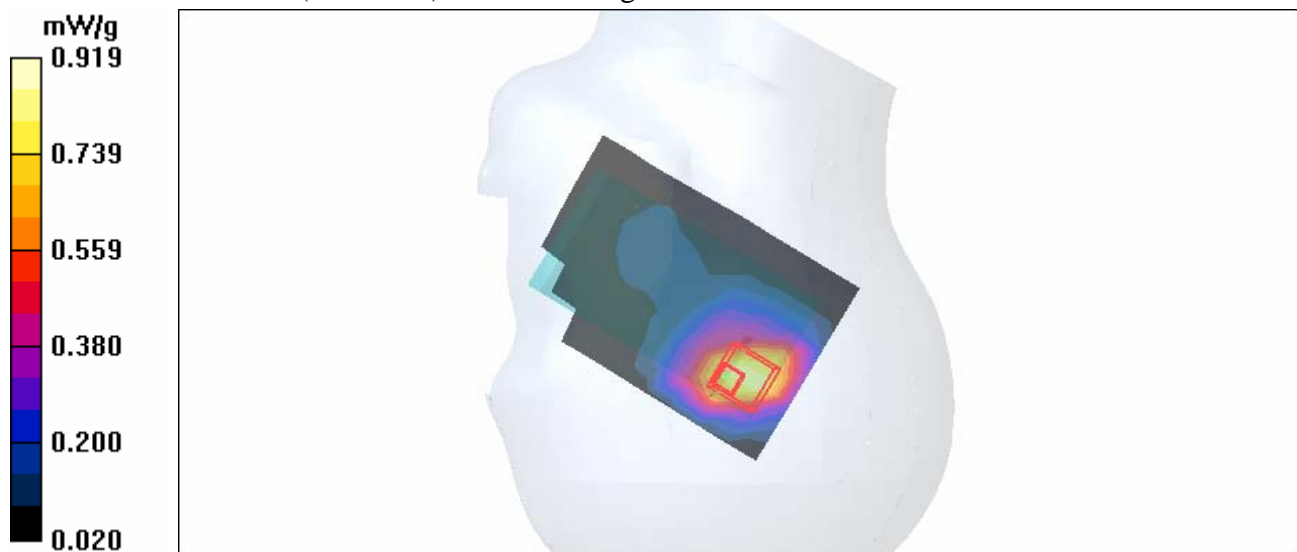
Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 25/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.854 mW/g

**Tilt position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 19.9 V/m  
Peak SAR (extrapolated) = 1.40 W/kg  
**SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.474 mW/g**  
Maximum value of SAR (measured) = 0.919 mW/g





Test Laboratory: Advance Data Technology

## Right Head-Tilt-CDMA(1900)-Ch600-Mode 12

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1880 MHz**

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 600/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.01 mW/g

**Tilt position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.1 V/m

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.534 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-CDMA(1900)-Ch1175-Mode 12

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1908.75$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 mW/g

**Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

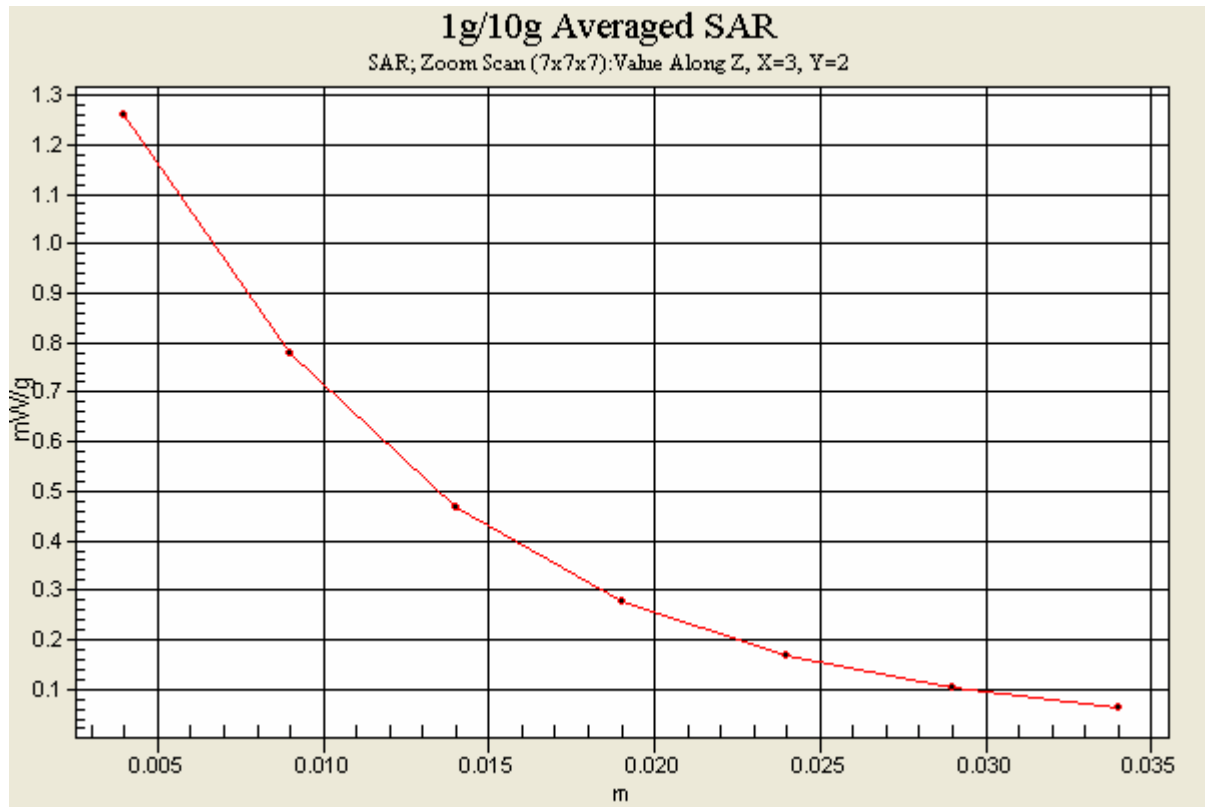
Reference Value = 24.0 V/m

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.629 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g





Test Laboratory: Advance Data Technology

**Left Head-Cheek-CDMA(1900)-Ch25-Mode 13**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1851.25 MHz**

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.35 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 25/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.603 mW/g

**Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m

Peak SAR (extrapolated) = 0.919 W/kg

**SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.354 mW/g**

Maximum value of SAR (measured) = 0.660 mW/g

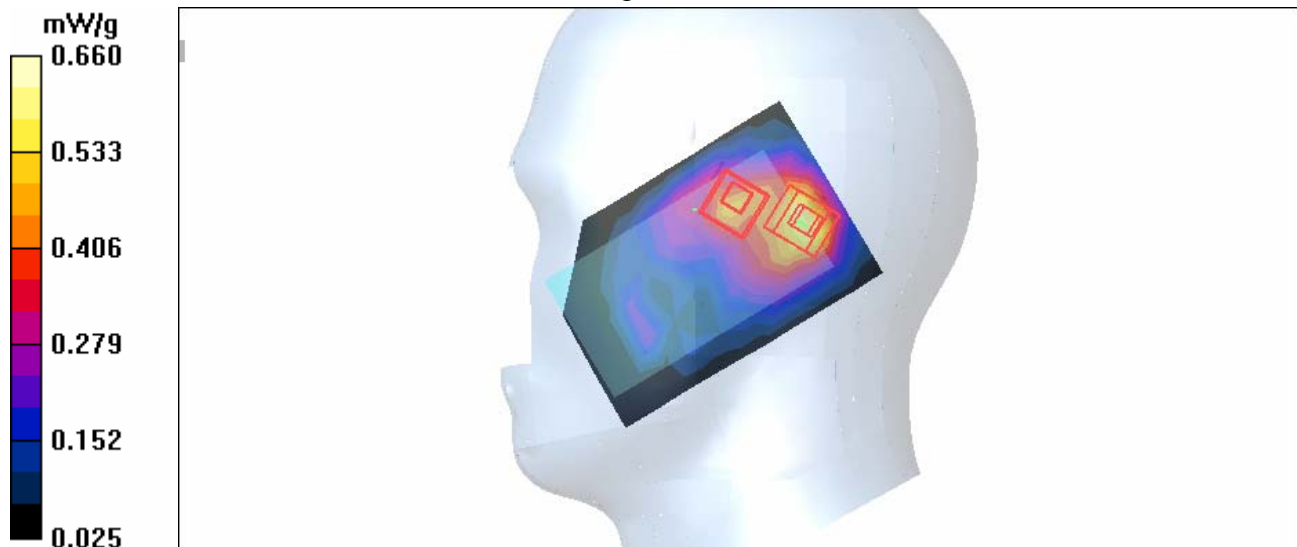
**Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.4 V/m

Peak SAR (extrapolated) = 0.980 W/kg

**SAR(1 g) = 0.523 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 0.614 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Cheek-CDMA(1900)-Ch600-Mode 13

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1880 MHz**

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 600/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.681 mW/g

**Touch position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.4 V/m

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.388 mW/g**

Maximum value of SAR (measured) = 0.747 mW/g

**Touch position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

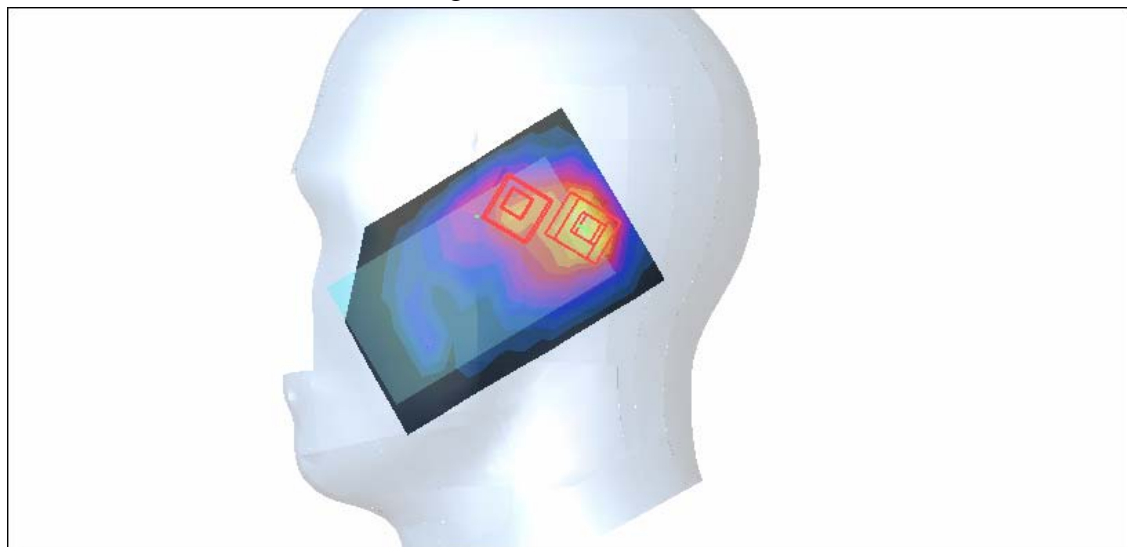
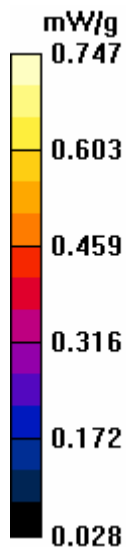
dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.4 V/m

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.335 mW/g**

Maximum value of SAR (measured) = 0.654 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-CDMA(1900)-Ch1175-Mode 13**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.43 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.747 mW/g

**Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.431 mW/g**

Maximum value of SAR (measured) = 0.826 mW/g

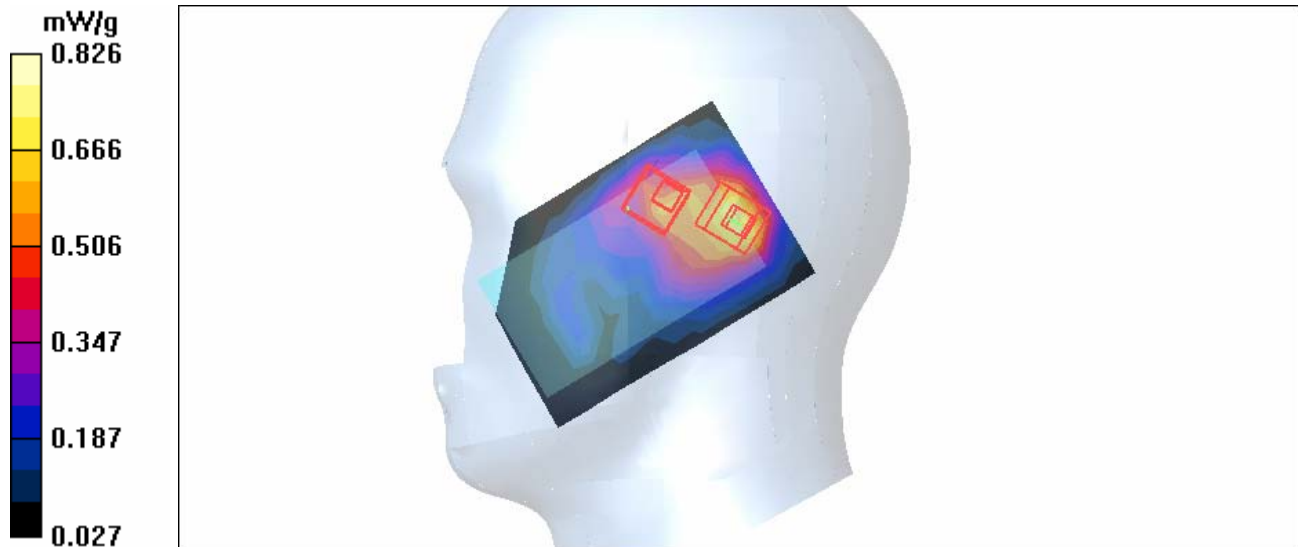
**Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.6 V/m

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.375 mW/g**

Maximum value of SAR (measured) = 0.757 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Tilt-CDMA(1900)-Ch25-Mode 14

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1851.25 MHz**

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1851.25$  MHz;  $\sigma = 1.35$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 25/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.711 mW/g

**Tilt position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

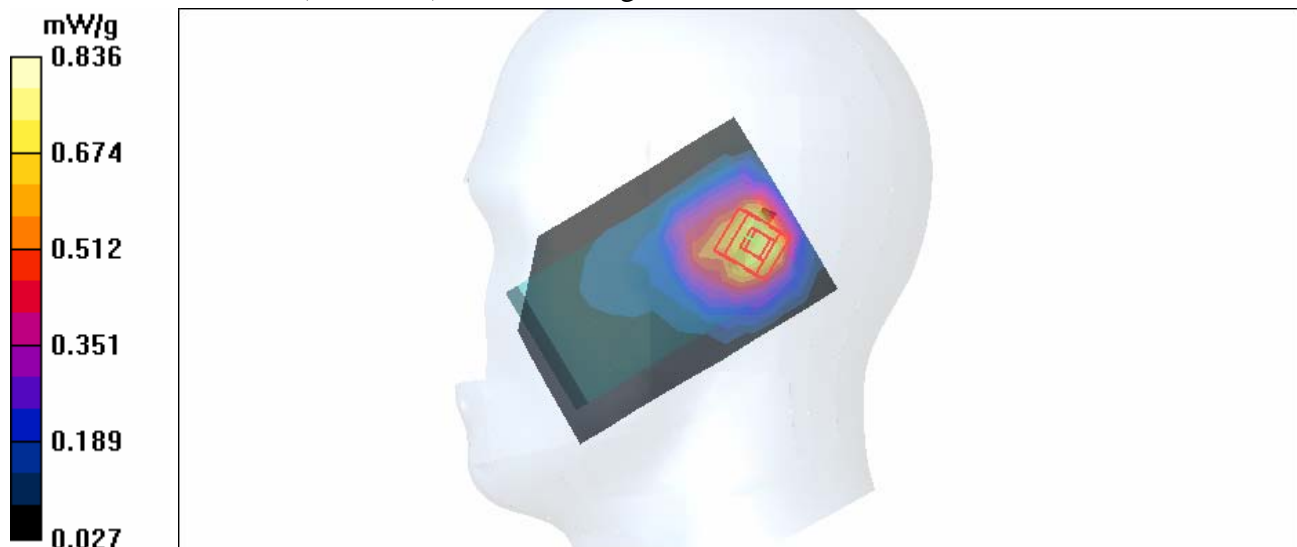
dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.6 V/m

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.450 mW/g**

Maximum value of SAR (measured) = 0.836 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Tilt-CDMA(1900)-Ch600-Mode 14

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1880 MHz**

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 600/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.843 mW/g

**Tilt position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

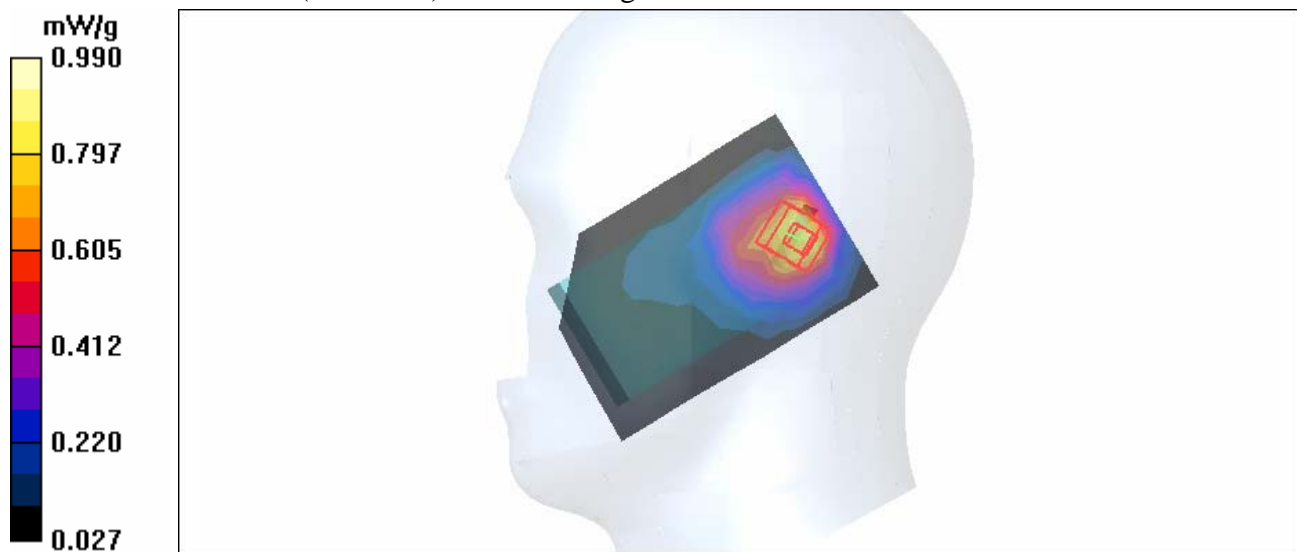
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 24.0 V/m

Peak SAR (extrapolated) = 1.38 W/kg

**SAR(1 g) = 0.879 mW/g; SAR(10 g) = 0.514 mW/g**

Maximum value of SAR (measured) = 0.990 mW/g





Test Laboratory: Advance Data Technology

## Left Head-Tilt-CDMA(1900)-Ch1175-Mode 14

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used :  $f = 1908.75$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 mW/g

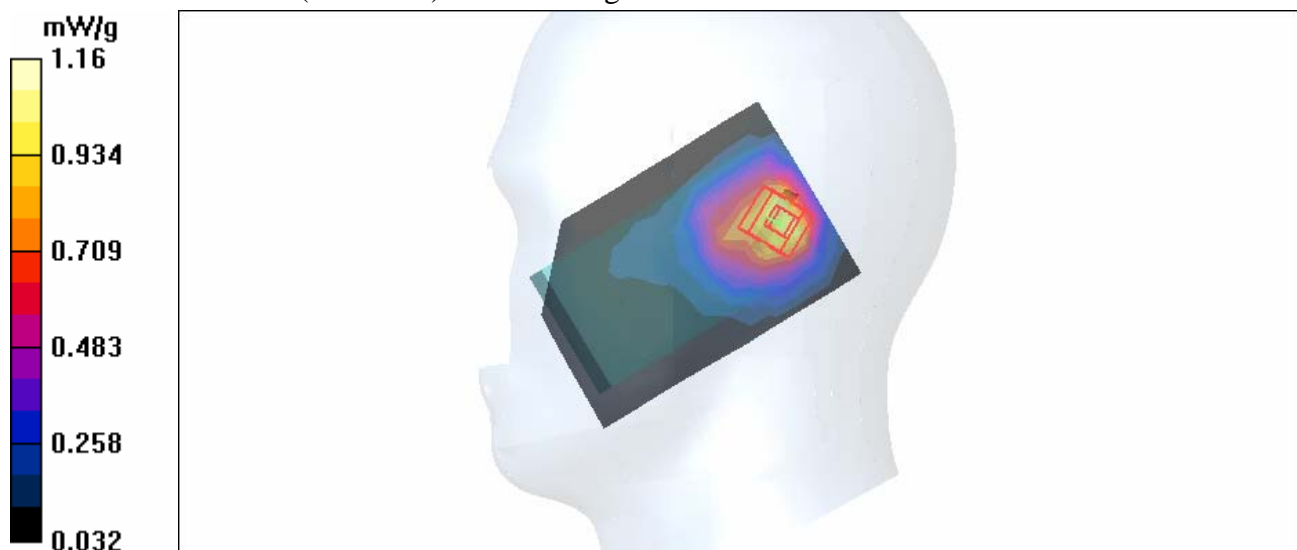
**Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.6 V/m

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.609 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



Test Laboratory: Advance Data Technology

**Body Worn-Keypad Down-CDMA-Ch25-Mode 15**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1851.25 MHz**

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.0 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 25/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.412 mW/g

**Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m

Peak SAR (extrapolated) = 0.492 W/kg

**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.258 mW/g**

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

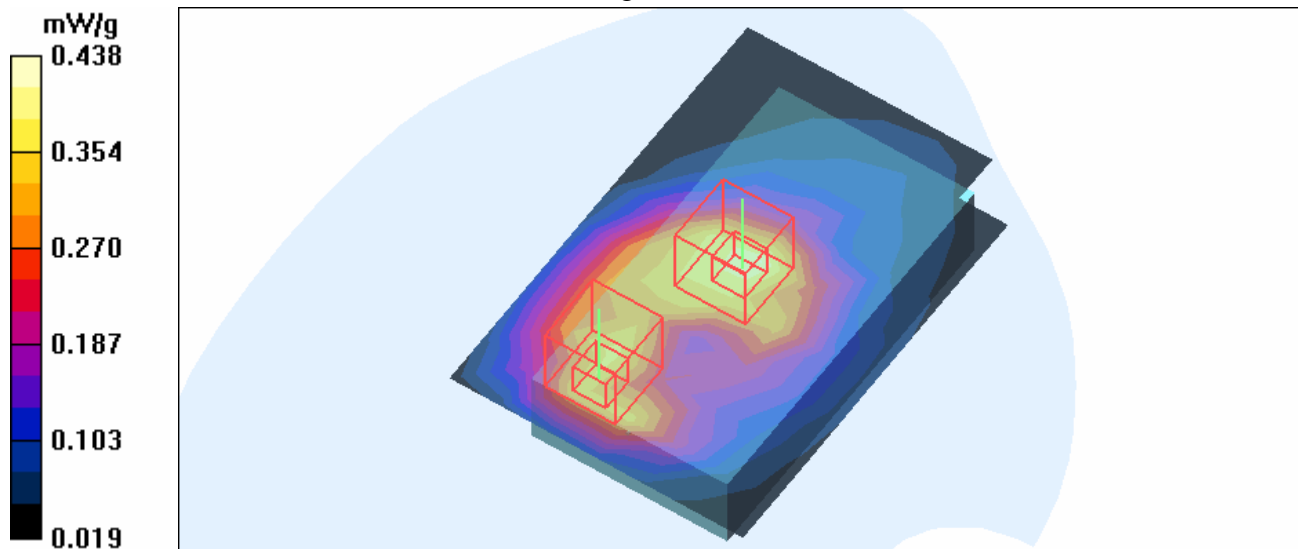
**Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.4 V/m

Peak SAR (extrapolated) = 0.559 W/kg

**SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.219 mW/g**

Maximum value of SAR (measured) = 0.387 mW/g



Test Laboratory: Advance Data Technology

**Body Worn-Keypad Down-CDMA-Ch600-Mode 15**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1880 MHz**

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.0 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 600/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m

Peak SAR (extrapolated) = 0.638 W/kg

**SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.433 mW/g

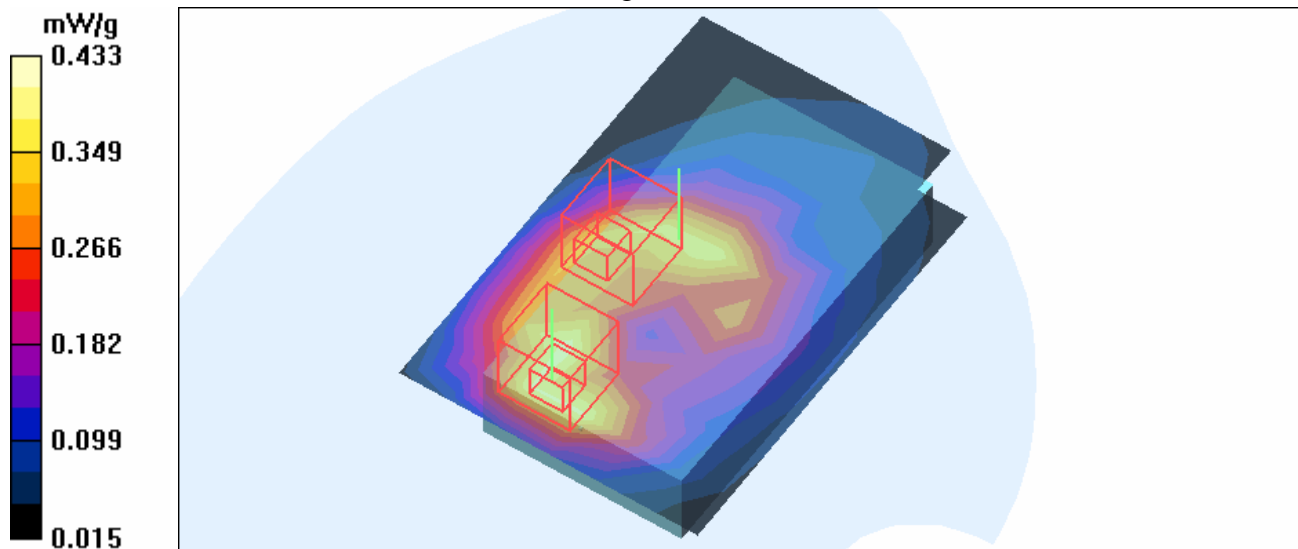
**Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.3 V/m

Peak SAR (extrapolated) = 0.624 W/kg

**SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.218 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



Test Laboratory: Advance Data Technology

### Body Worn-Keypad Down-CDMA-Ch1175-Mode 15

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.0 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.414 mW/g

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m

Peak SAR (extrapolated) = 0.691 W/kg

**SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.253 mW/g**

Maximum value of SAR (measured) = 0.462 mW/g

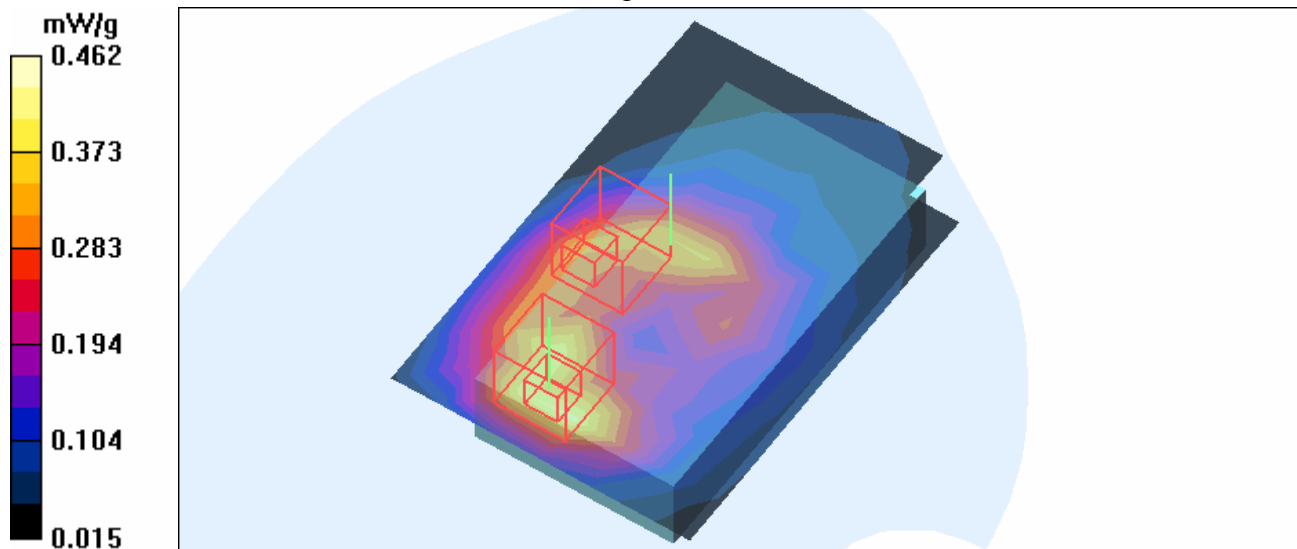
**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m

Peak SAR (extrapolated) = 0.584 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.194 mW/g**

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



Test Laboratory: Advance Data Technology

### Body Worn-Keypad Up-CDMA-Ch1175-Mode 16

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK

Separation Distance : 0 mm ( The front side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.0 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.226 mW/g

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.133 mW/g**

Maximum value of SAR (measured) = 0.241 mW/g

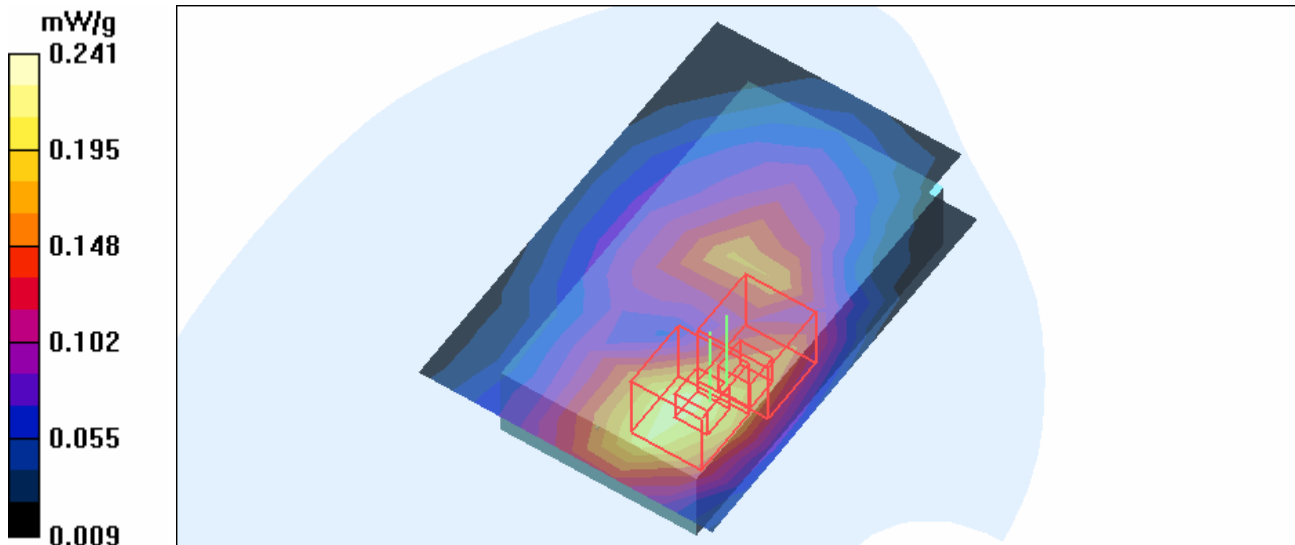
**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.5 V/m

Peak SAR (extrapolated) = 0.298 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.097 mW/g**

Maximum value of SAR (measured) = 0.208 mW/g



Test Laboratory: Advance Data Technology

**Body Worn-Keypad Down-EVDO-Ch25-Mode 17**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1851.25 MHz**

Communication System: CDMA ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1851.25 \text{ MHz}$ ;  $\sigma = 1.45 \text{ mho/m}$ ;  $\epsilon_r = 52.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.2 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 25/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.3 V/m

Peak SAR (extrapolated) = 0.701 W/kg

**SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.442 mW/g

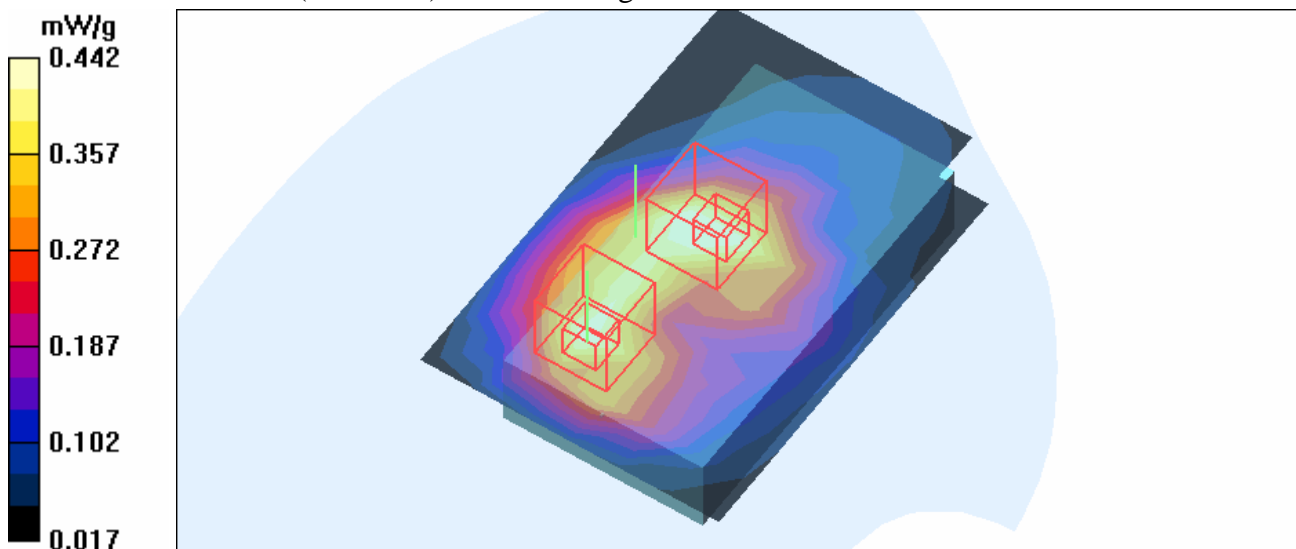
**Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 16.3 V/m

Peak SAR (extrapolated) = 0.642 W/kg

**SAR(1 g) = 0.396 mW/g; SAR(10 g) = 0.246 mW/g**

Maximum value of SAR (measured) = 0.424 mW/g



Test Laboratory: Advance Data Technology

**Body Worn-Keypad Down-EVDO-Ch600-Mode 17**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1880 MHz**

Communication System: CDMA ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.51 \text{ mho/m}$ ;  $\epsilon_r = 52.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.2 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 600/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.517 mW/g

**Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.0 V/m

Peak SAR (extrapolated) = 0.774 W/kg

**SAR(1 g) = 0.484 mW/g; SAR(10 g) = 0.297 mW/g**

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

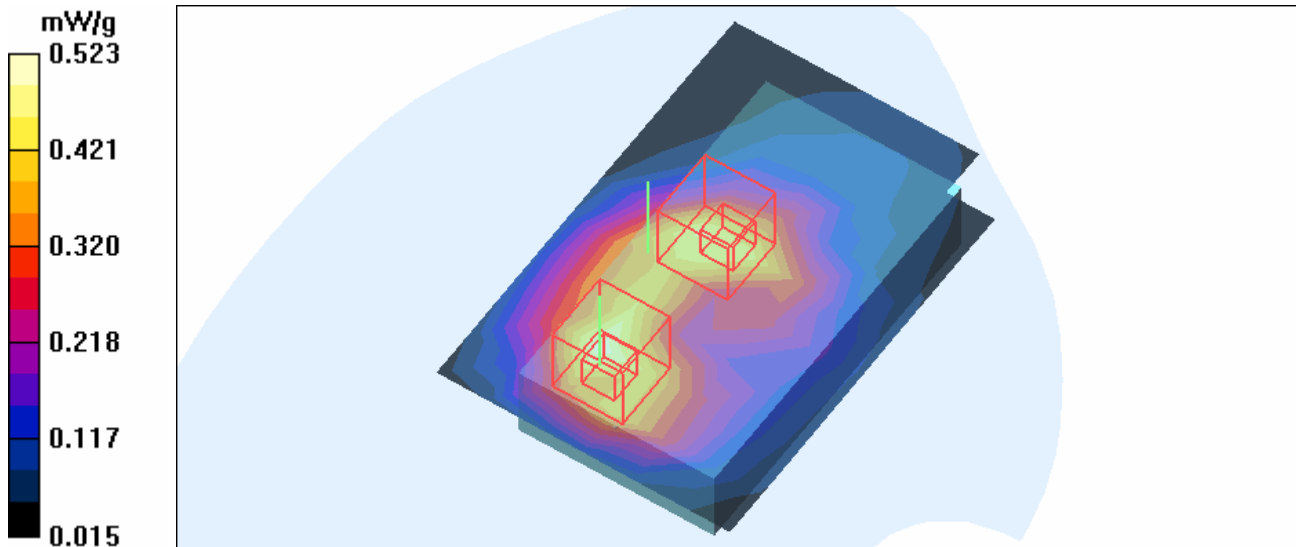
**Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 18.0 V/m

Peak SAR (extrapolated) = 0.759 W/kg

**SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.282 mW/g**

Maximum value of SAR (measured) = 0.472 mW/g



Test Laboratory: Advance Data Technology

**Body Worn-Keypad Down-EVDO-Ch1175-Mode 17**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 53.1$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.2 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 1175/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 0.900 W/kg

**SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 0.597 mW/g

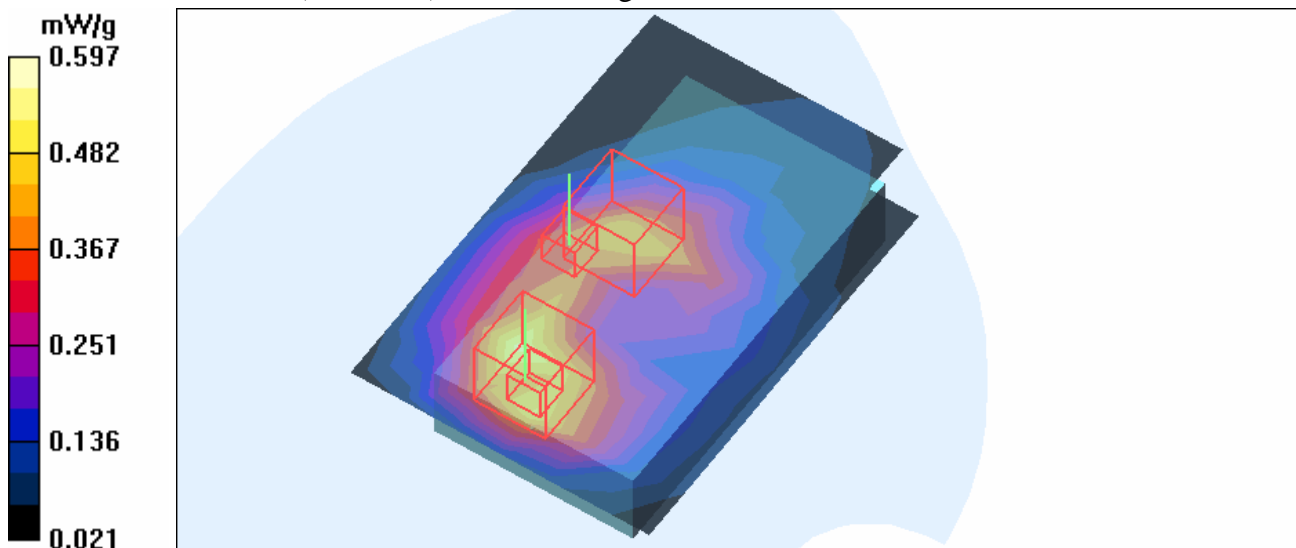
**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 19.0 V/m

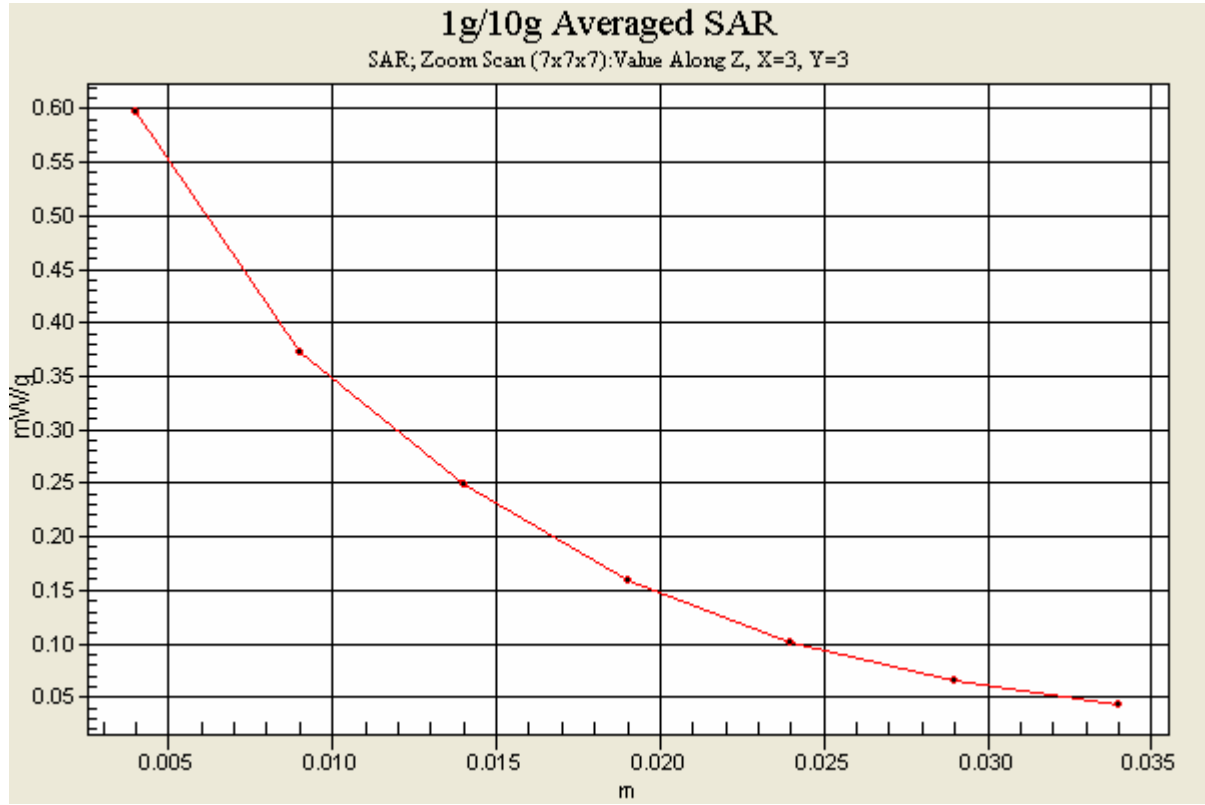
Peak SAR (extrapolated) = 0.771 W/kg

**SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g







Test Laboratory: Advance Data Technology

### Body Worn-Keypad Up-EVDO-Ch1175-Mode 18

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz**

Communication System: CDMA ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The front side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.2 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.448 W/kg

**SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.149 mW/g**

Maximum value of SAR (measured) = 0.261 mW/g

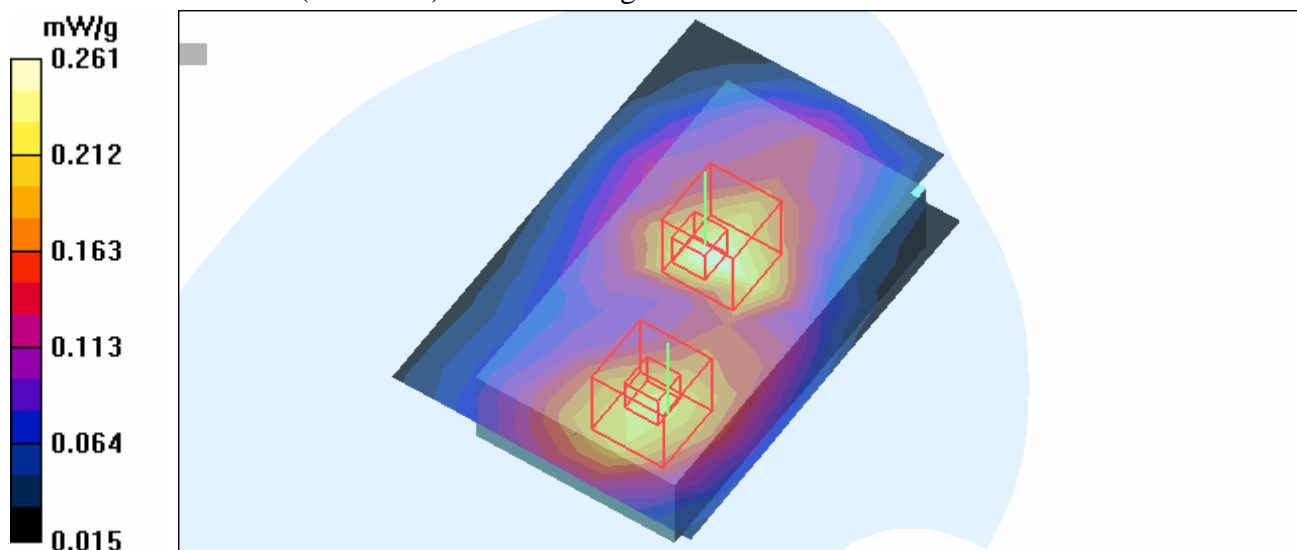
**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.335 W/kg

**SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.228 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-11b-Ch1-Mode 19**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 1/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.085 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 3.58 V/m

Peak SAR (extrapolated) = 0.529 W/kg

**SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.128 mW/g**

Maximum value of SAR (measured) = 0.277 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

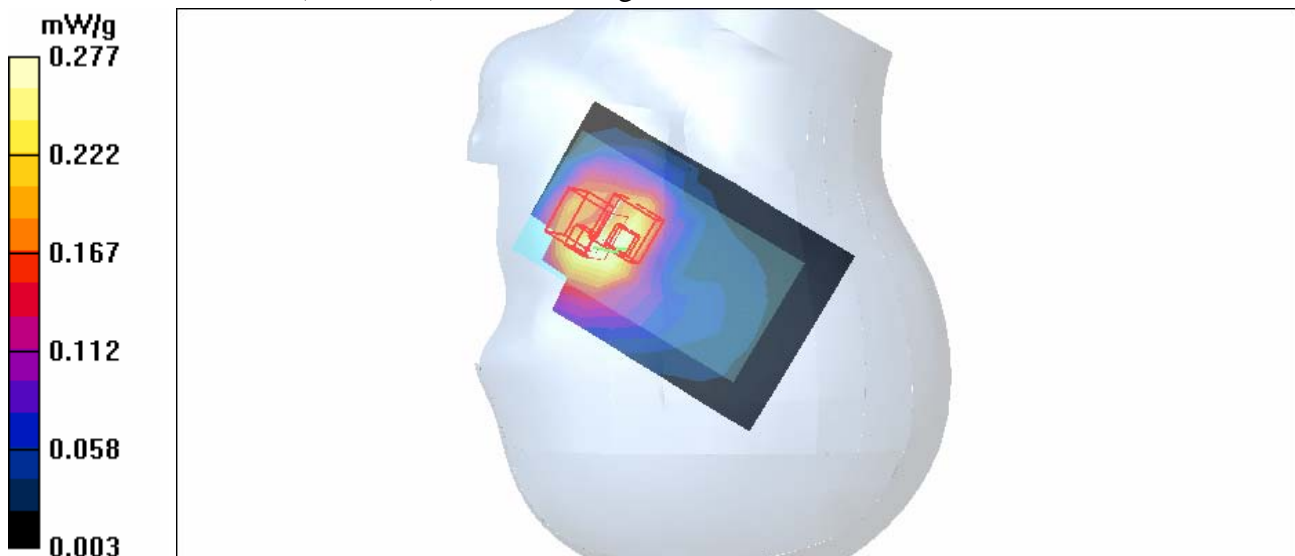
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.58 V/m

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.115 mW/g**

Maximum value of SAR (measured) = 0.270 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-11b-Ch6-Mode 19**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.84 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 3.38 V/m

Peak SAR (extrapolated) = 0.395 W/kg

**SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.249 mW/g

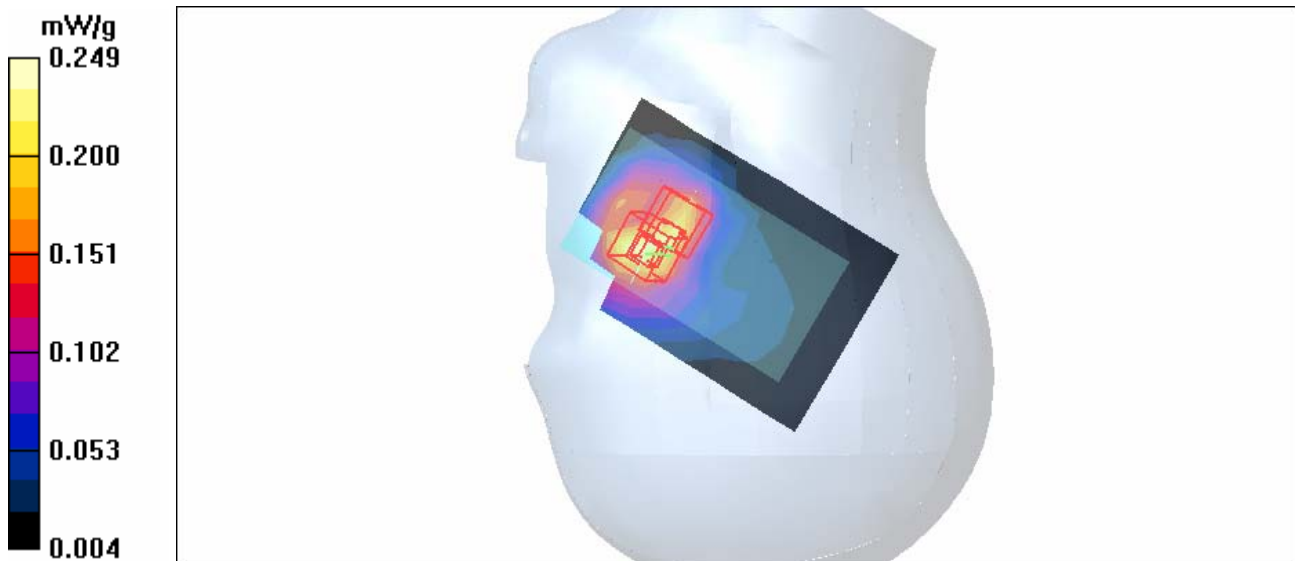
**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 3.38 V/m

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.107 mW/g**



Test Laboratory: Advance Data Technology

**Right Head-Cheek-11b-Ch11-Mode 19**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.87 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.270 mW/g

**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.82 V/m

Peak SAR (extrapolated) = 0.450 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.144 mW/g**

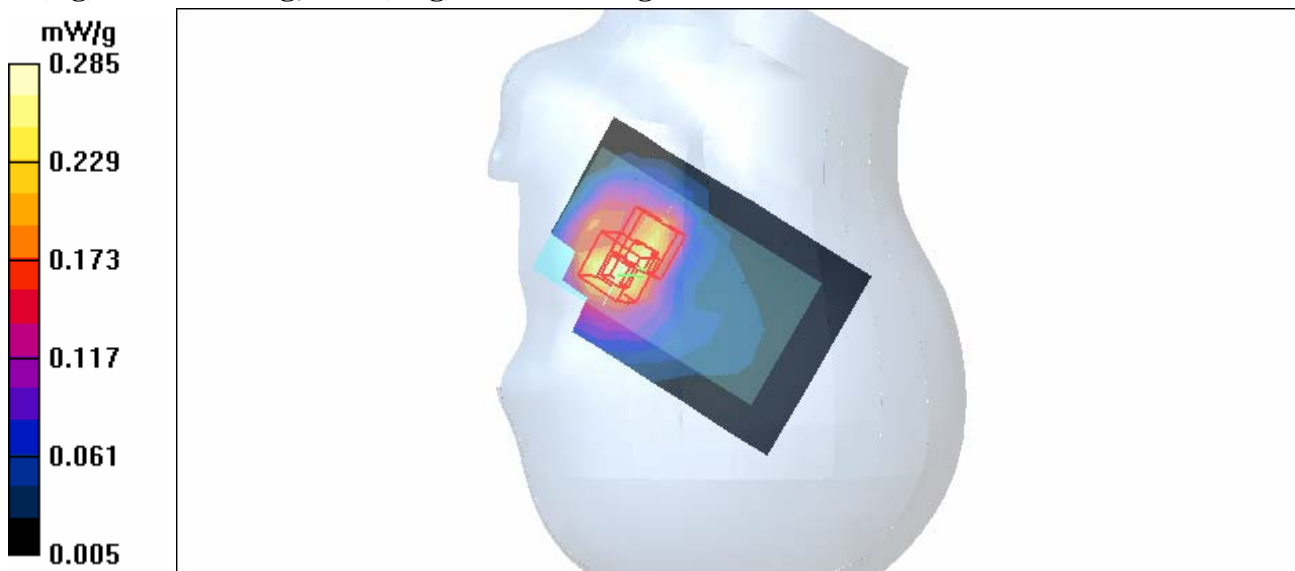
Maximum value of SAR (measured) = 0.285 mW/g

**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.82 V/m

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.237 mW/g; SAR(10 g) = 0.125 mW/g**



Test Laboratory: Advance Data Technology

**Right Head-Tilt-11b-Ch1-Mode 20**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 1/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.052 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 5.69 V/m

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.057 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

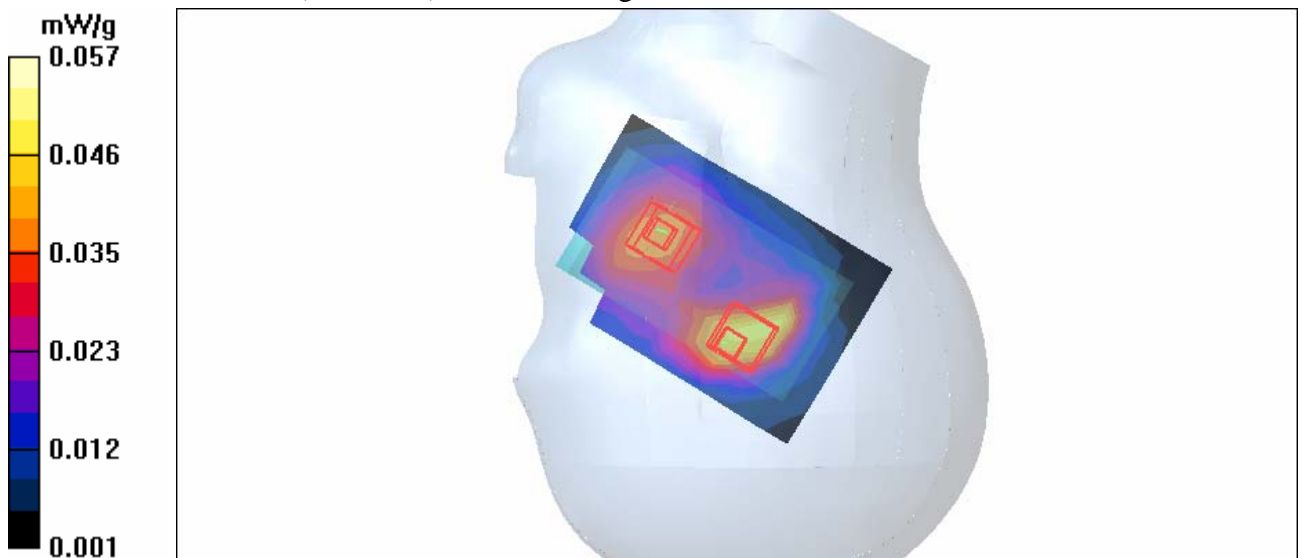
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.69 V/m

Peak SAR (extrapolated) = 0.067 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.023 mW/g**

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



Test Laboratory: Advance Data Technology

**Right Head-Tilt-11b-Ch6-Mode 20**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.84 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.043 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 5.12 V/m

Peak SAR (extrapolated) = 0.086 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.049 mW/g

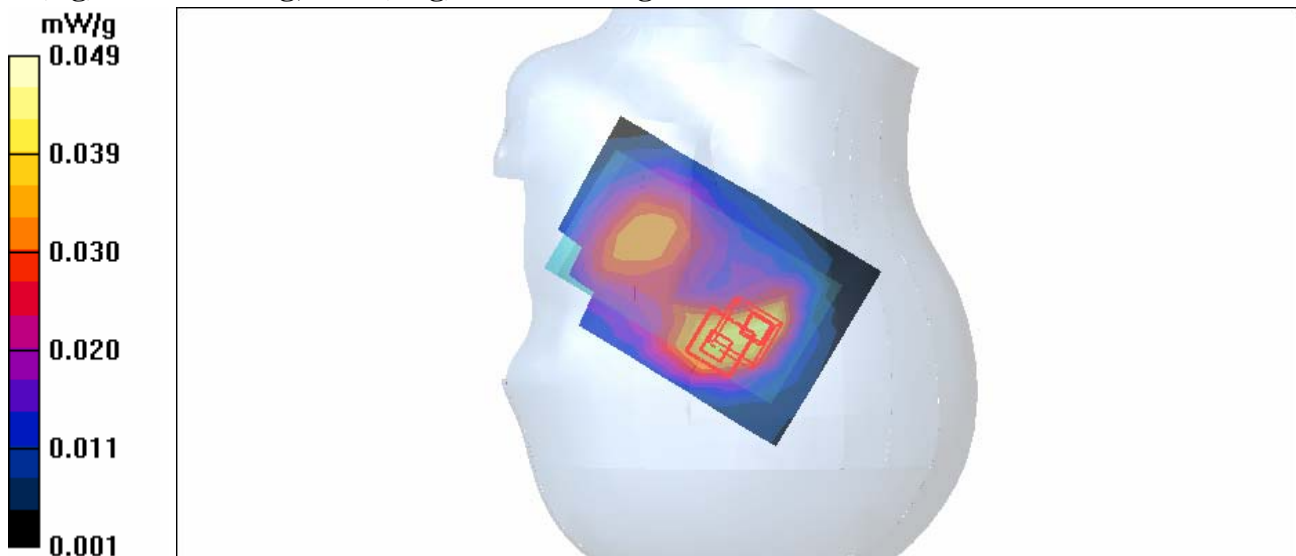
**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 5.12 V/m

Peak SAR (extrapolated) = 0.091 W/kg

**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.024 mW/g**



Test Laboratory: Advance Data Technology

**Right Head-Tilt-11b-Ch11-Mode 20**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.87 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 4.89 V/m

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.066 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

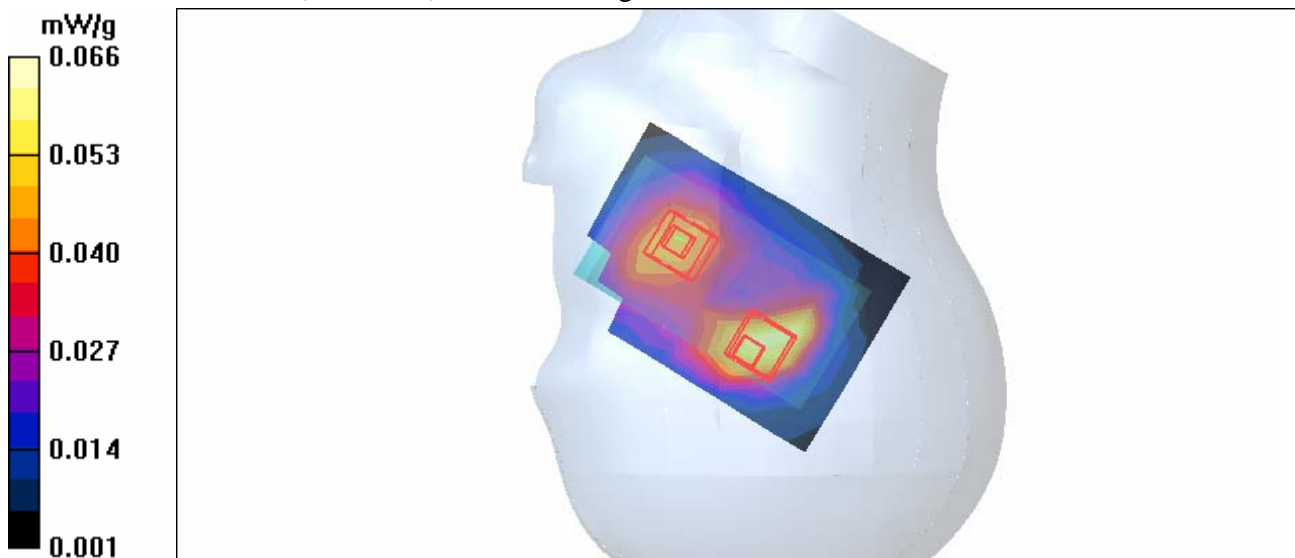
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.89 V/m

Peak SAR (extrapolated) = 0.067 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.042 mW/g





Test Laboratory: Advance Data Technology

## Left Head-Cheek-11b-Ch1-Mode 21

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.270 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

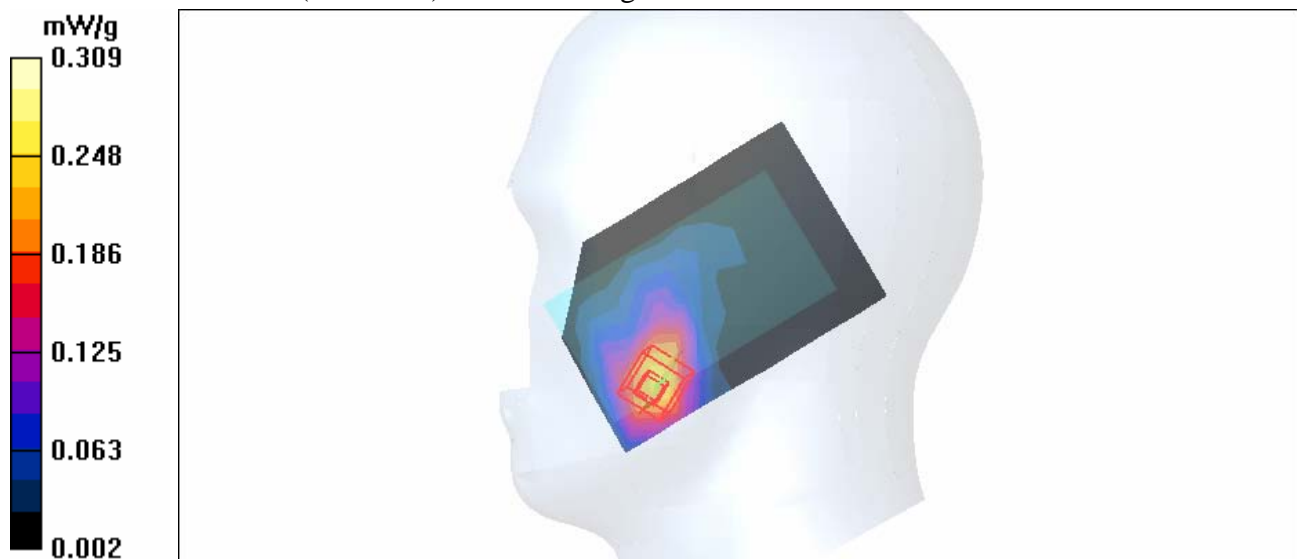
dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.99 V/m

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.147 mW/g**

Maximum value of SAR (measured) = 0.309 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-11b-Ch6-Mode 21

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.84 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.154 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

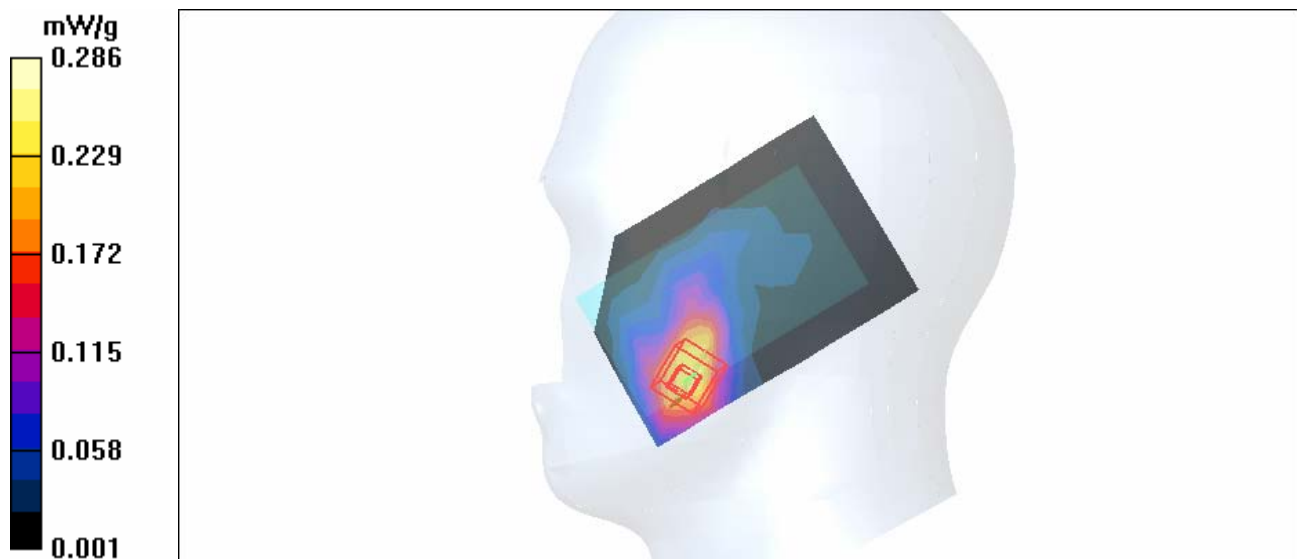
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.54 V/m

Peak SAR (extrapolated) = 0.452 W/kg

**SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.286 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-11b-Ch11-Mode 21

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.302 mW/g

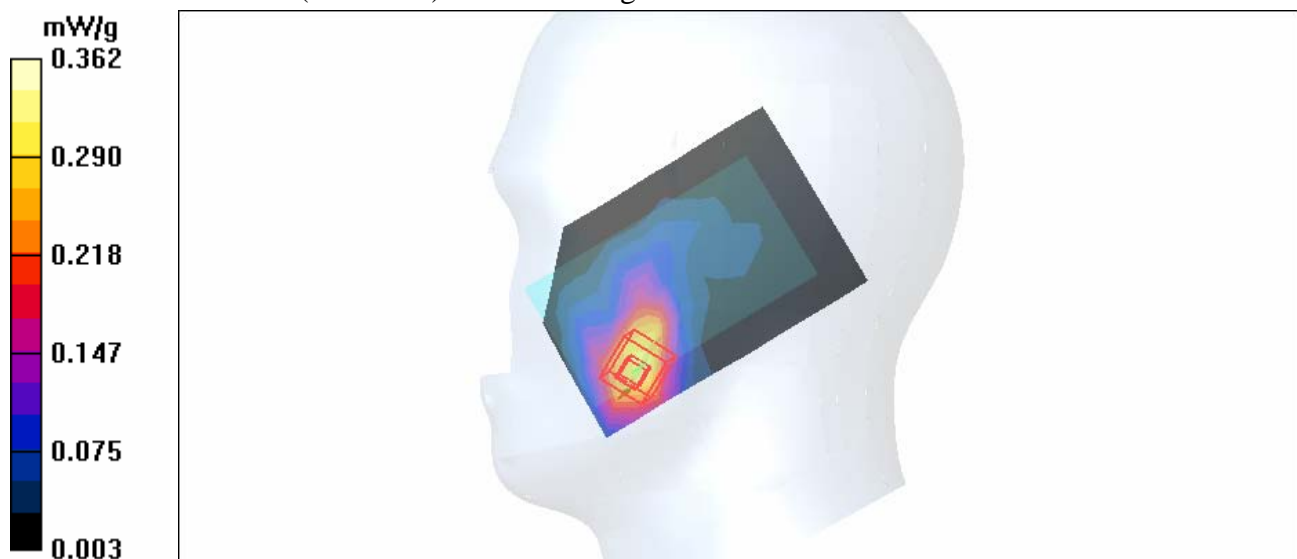
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

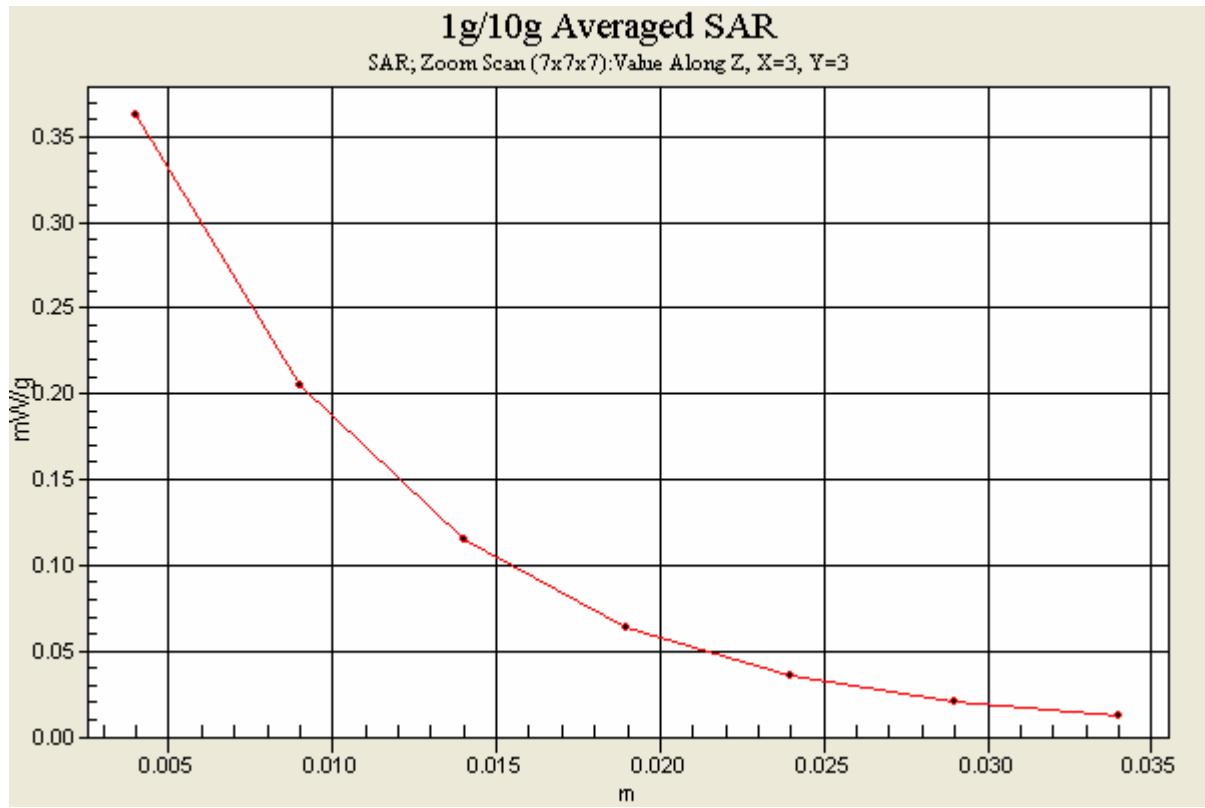
Reference Value = 3.79 V/m

Peak SAR (extrapolated) = 0.622 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.362 mW/g





Test Laboratory: Advance Data Technology

## Left Head-Tilt-11b-Ch1-Mode 22

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.044 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

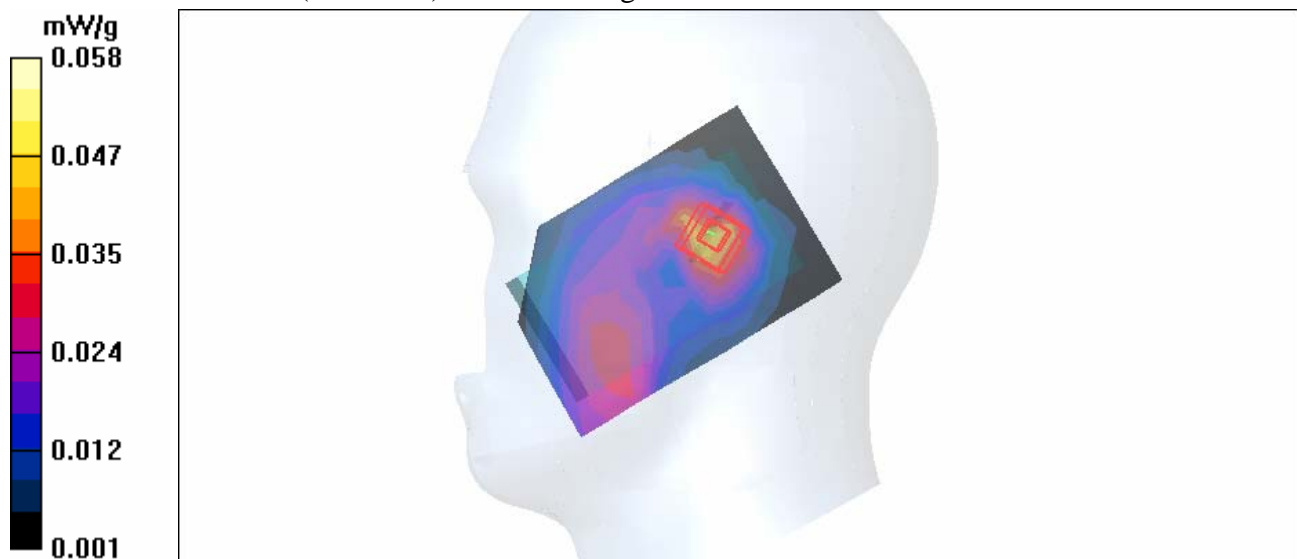
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.86 V/m

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.058 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Tilt-11b-Ch6-Mode 22

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.038 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

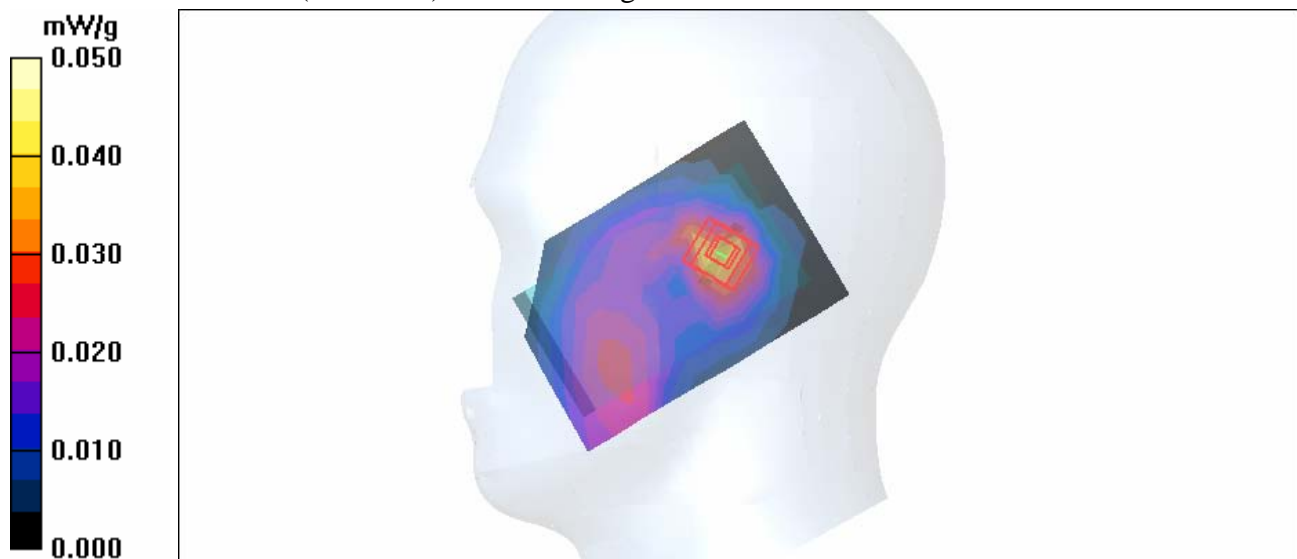
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.60 V/m

Peak SAR (extrapolated) = 0.090 W/kg

**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.050 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Tilt-11b-Ch11-Mode 22

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: CCK

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.047 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

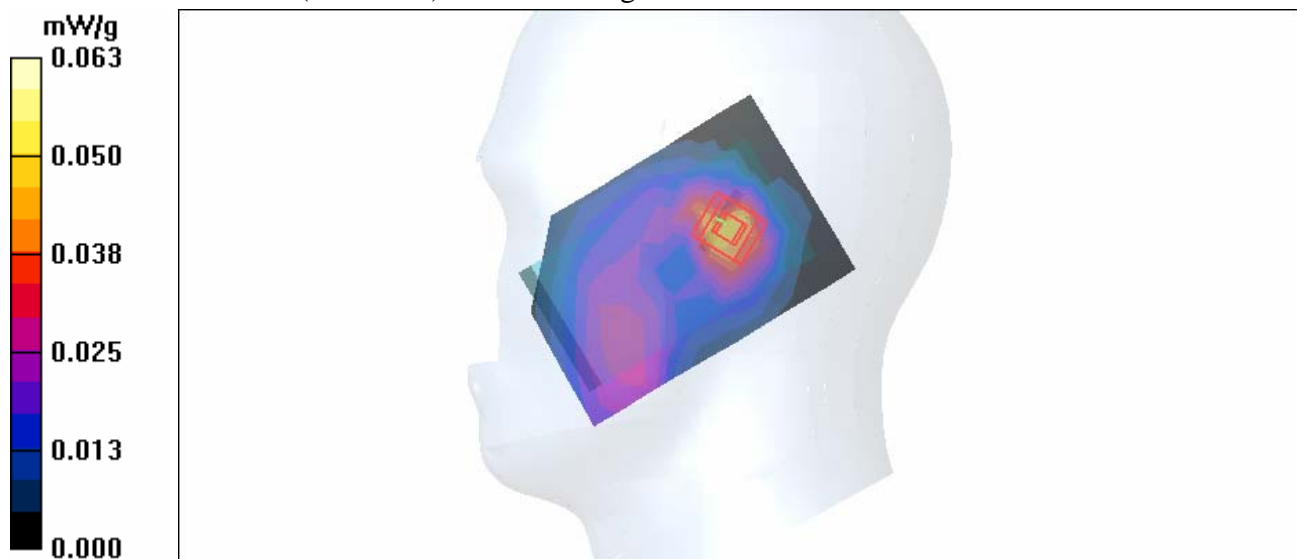
dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.24 V/m

Peak SAR (extrapolated) = 0.102 W/kg

**SAR(1 g) = 0.055 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.063 mW/g



Test Laboratory: Advance Data Technology

### Body Worn-11b-Ch1-Keypad Down-Mode 23

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: CCK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 1/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.031 mW/g

**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.35 V/m

Peak SAR (extrapolated) = 0.057 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.017 mW/g**

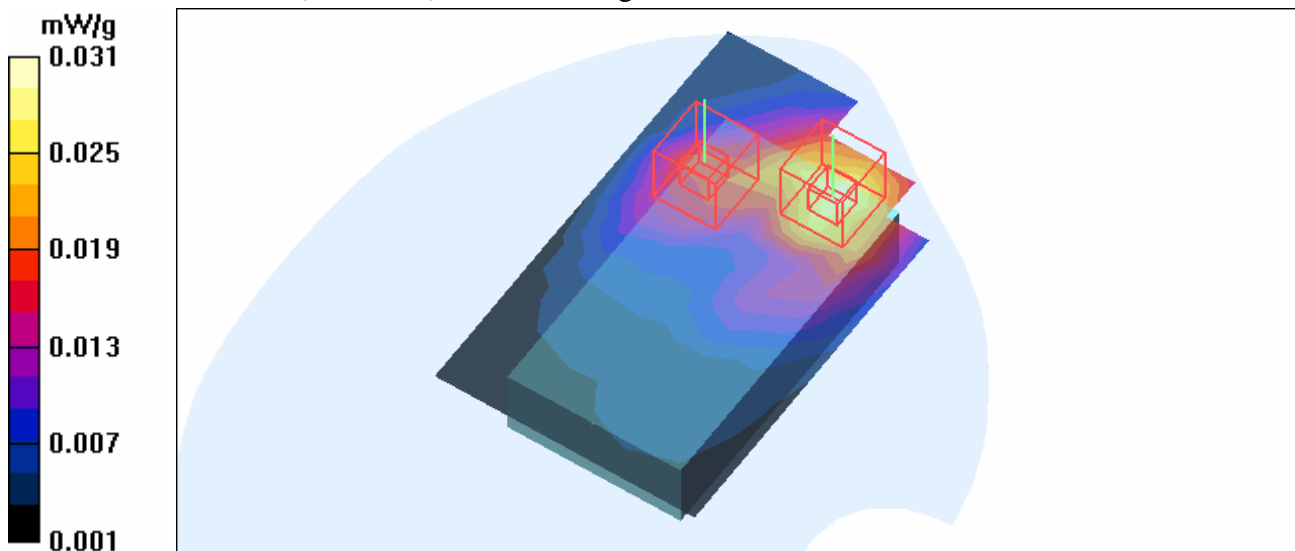
**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.35 V/m

Peak SAR (extrapolated) = 0.054 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g**

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





Test Laboratory: Advance Data Technology

### Body Worn-11b-Ch6-Keypad Down-Mode 23

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: CCK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 6/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.030 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.38 V/m

Peak SAR (extrapolated) = 0.063 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.031 mW/g

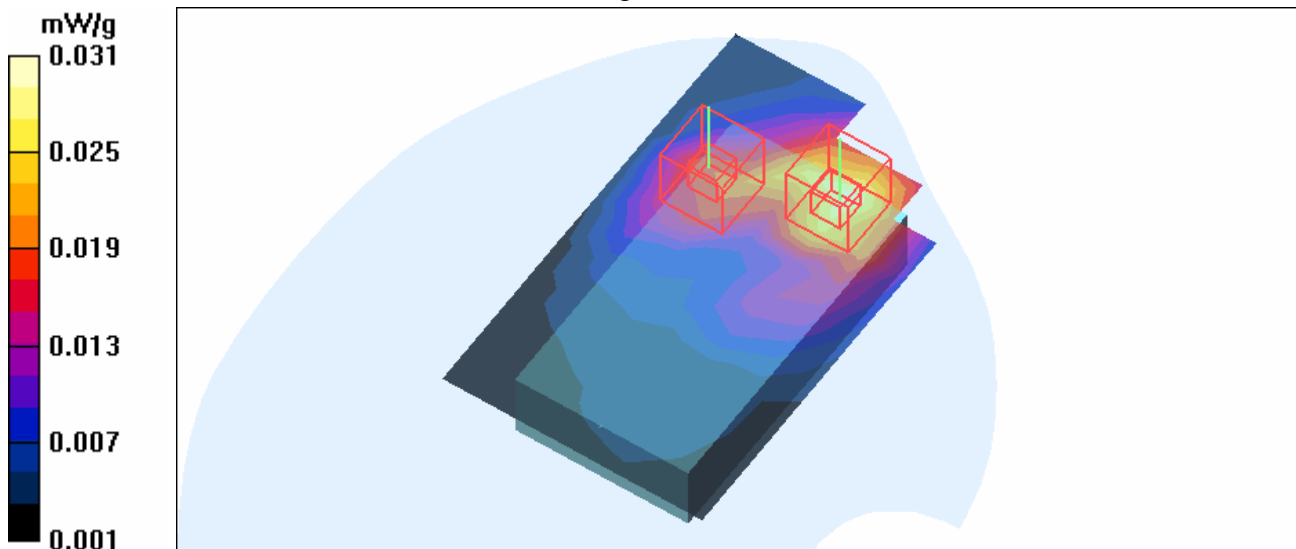
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.38 V/m

Peak SAR (extrapolated) = 0.058 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.012 mW/g**

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



Test Laboratory: Advance Data Technology

### Body Worn-11b-Ch11-Keypad Down-Mode 23

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: CCK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 11/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.035 mW/g

**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g**

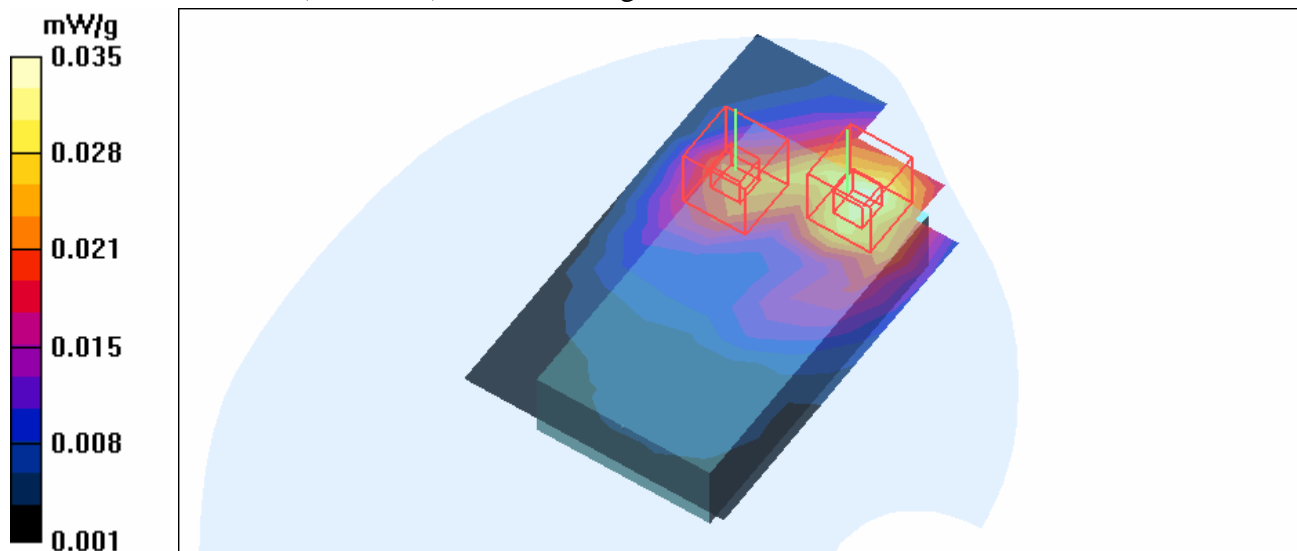
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

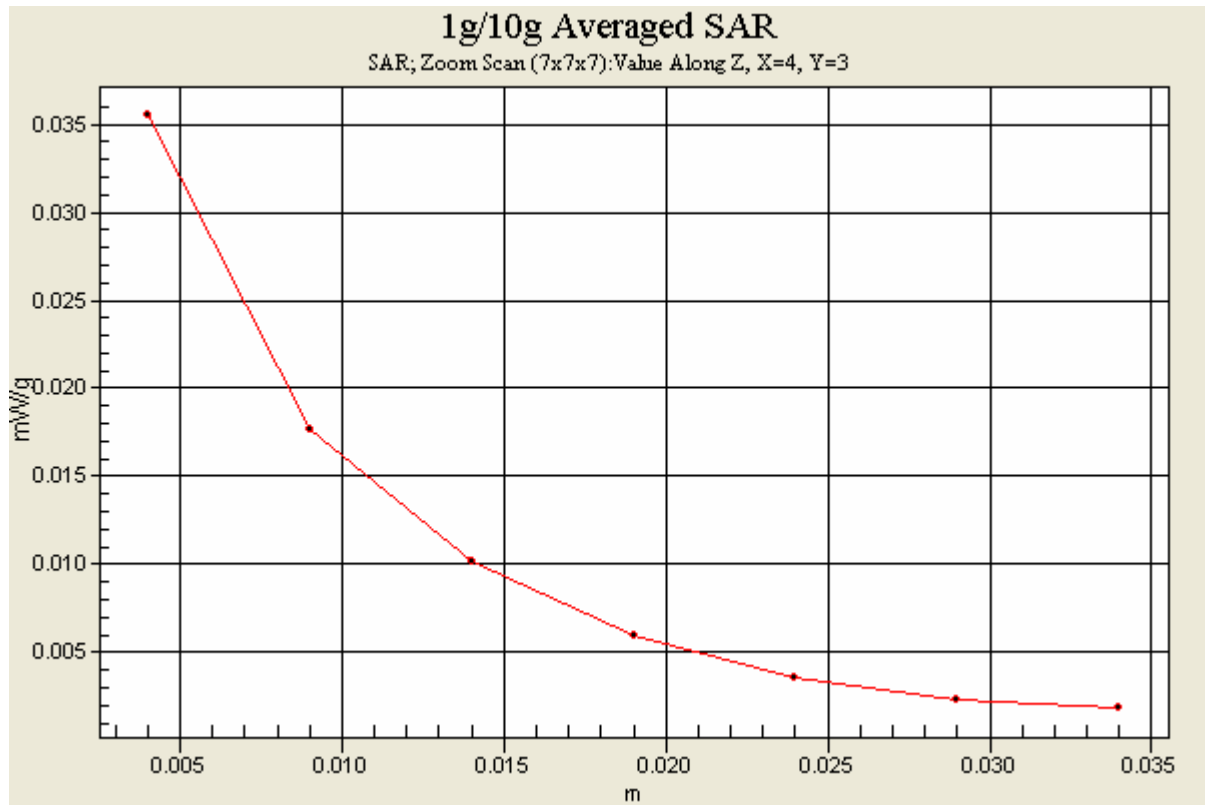
Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g





Test Laboratory: Advance Data Technology

## Body Worn-11b-Ch11-Keypad Up-Mode 24

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1  
 Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: CCK  
 Separation Distance : 0 mm ( The front side of the EUT to the Phantom)  
 Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 11/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.029 mW/g

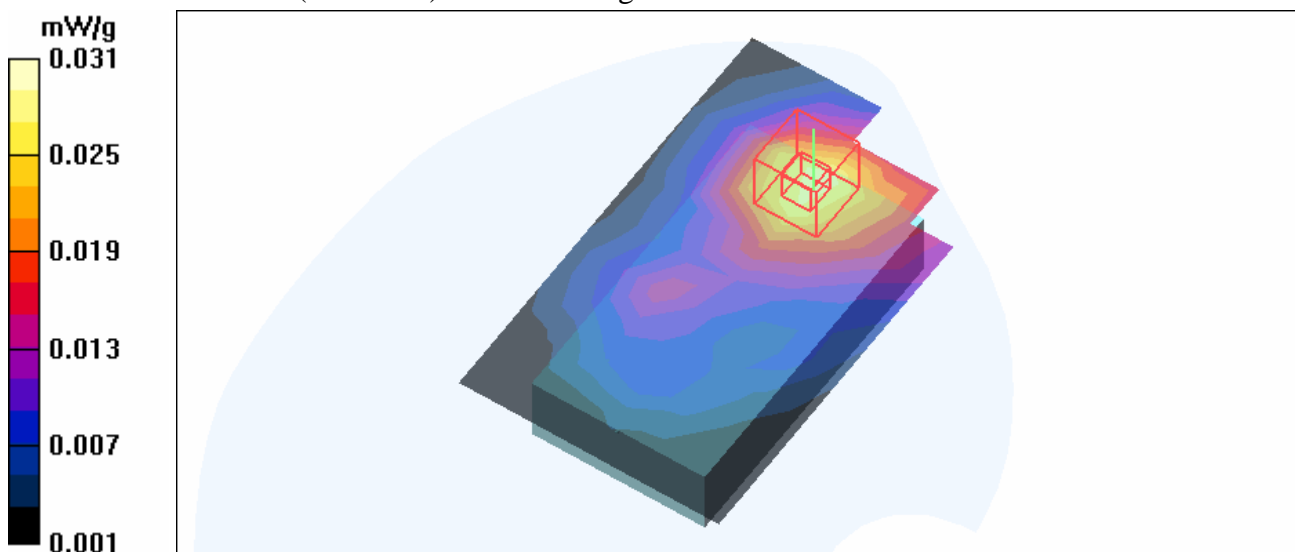
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.40 V/m

Peak SAR (extrapolated) = 0.062 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.031 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11g-Ch1-Mode 25

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.186 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

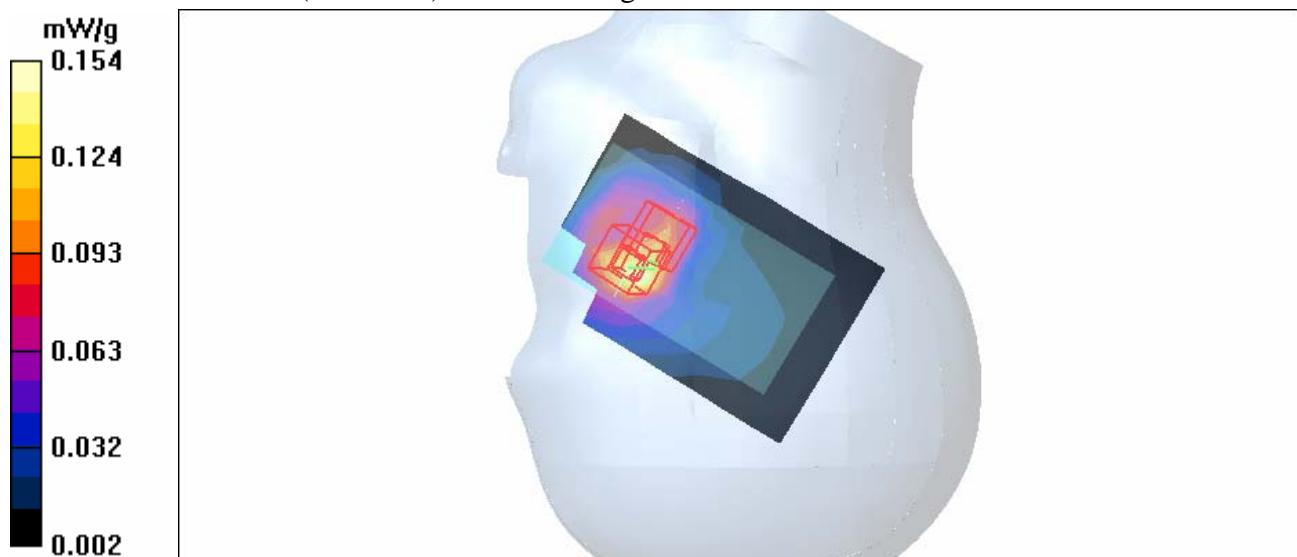
dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.25 V/m

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.154 mW/g



Test Laboratory: Advance Data Technology

### Right Head-Cheek-11g-Ch6-Mode 25

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.84 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.06 V/m

Peak SAR (extrapolated) = 0.256 W/kg

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.161 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

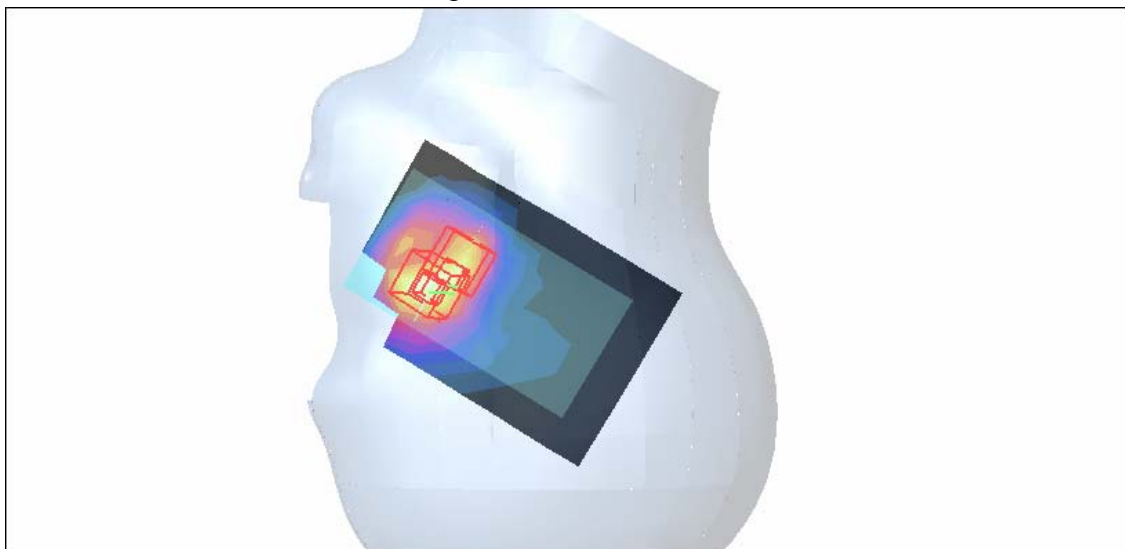
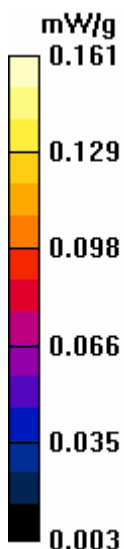
dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.06 V/m

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-11g-Ch11-Mode 25**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.87 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.067 mW/g

**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.22 V/m

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.178 mW/g

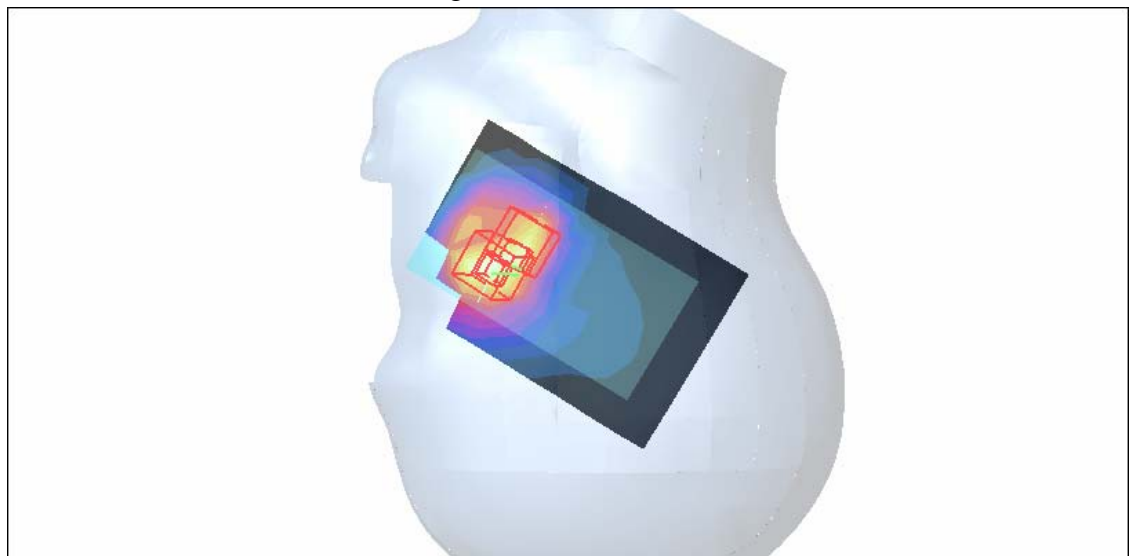
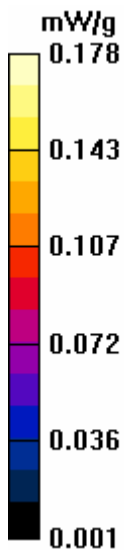
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.22 V/m

Peak SAR (extrapolated) = 0.280 W/kg

**SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Tilt-11g-Ch1-Mode 26**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 1/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.039 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 4.73 V/m

Peak SAR (extrapolated) = 0.079 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.046 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

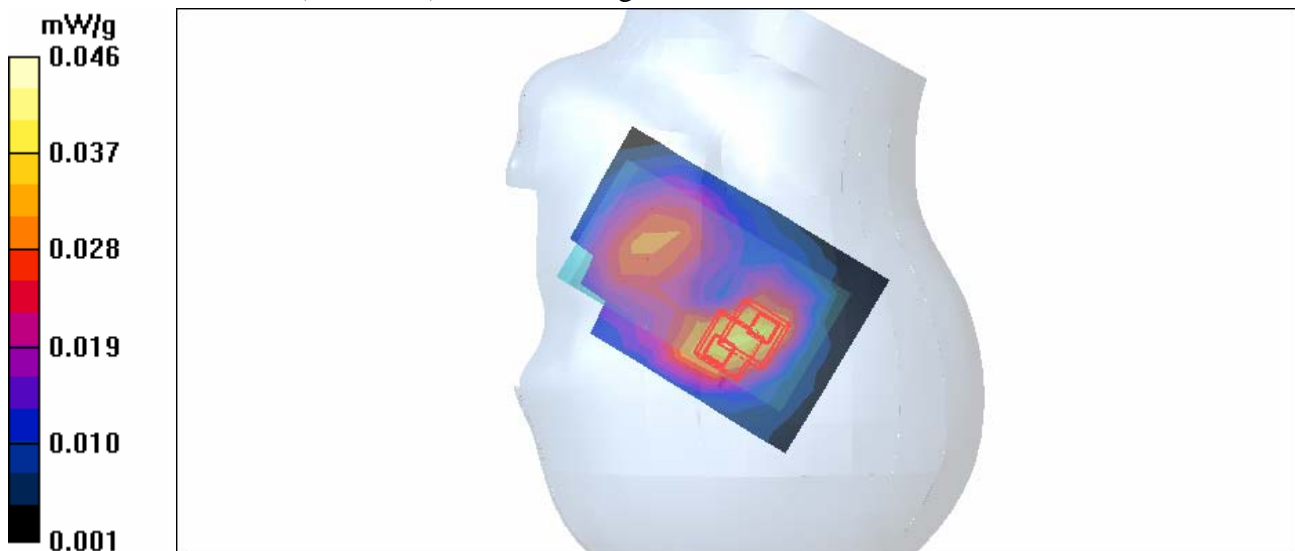
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.73 V/m

Peak SAR (extrapolated) = 0.077 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g





Test Laboratory: Advance Data Technology

**Right Head-Tilt-11g-Ch6-Mode 26**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.84 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.035 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 4.30 V/m

Peak SAR (extrapolated) = 0.072 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.019 mW/g**

Maximum value of SAR (measured) = 0.040 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

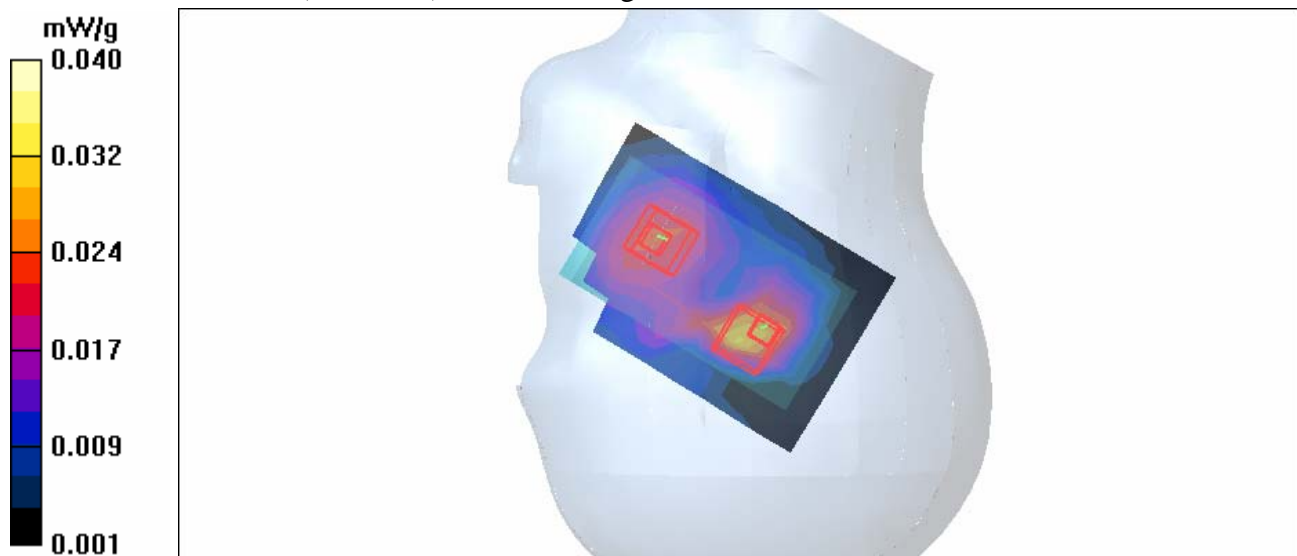
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.30 V/m

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g**

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



Test Laboratory: Advance Data Technology

**Right Head-Tilt-11g-Ch11-Mode 26**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.87 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.042 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 4.48 V/m

Peak SAR (extrapolated) = 0.082 W/kg

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.046 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

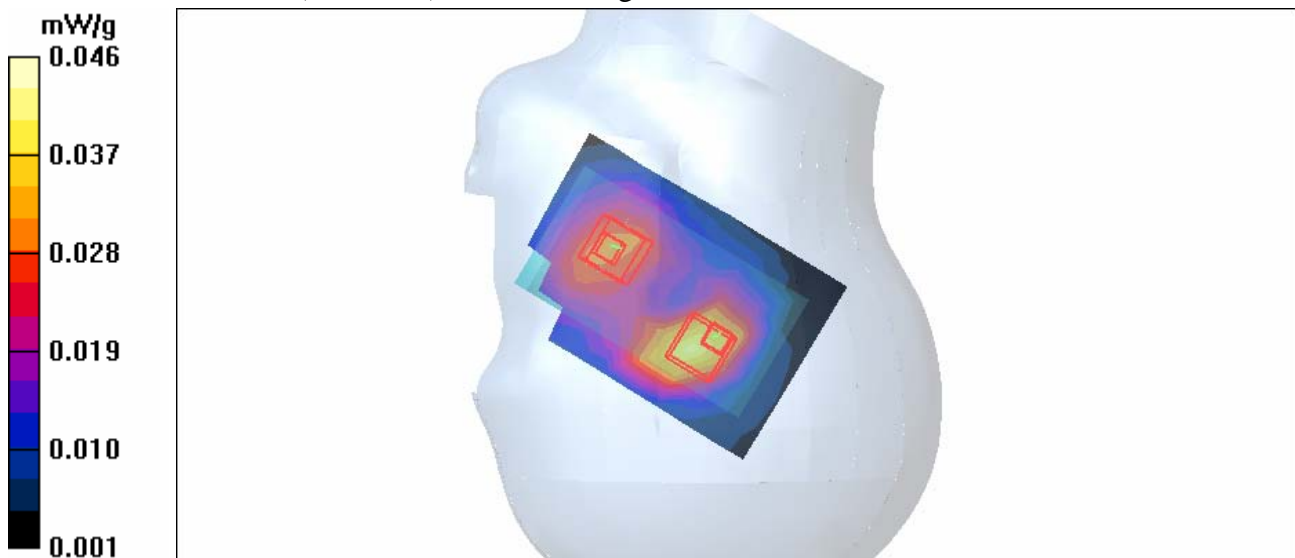
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.48 V/m

Peak SAR (extrapolated) = 0.050 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Cheek-11g-Ch1-Mode 27

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 1/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.120 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

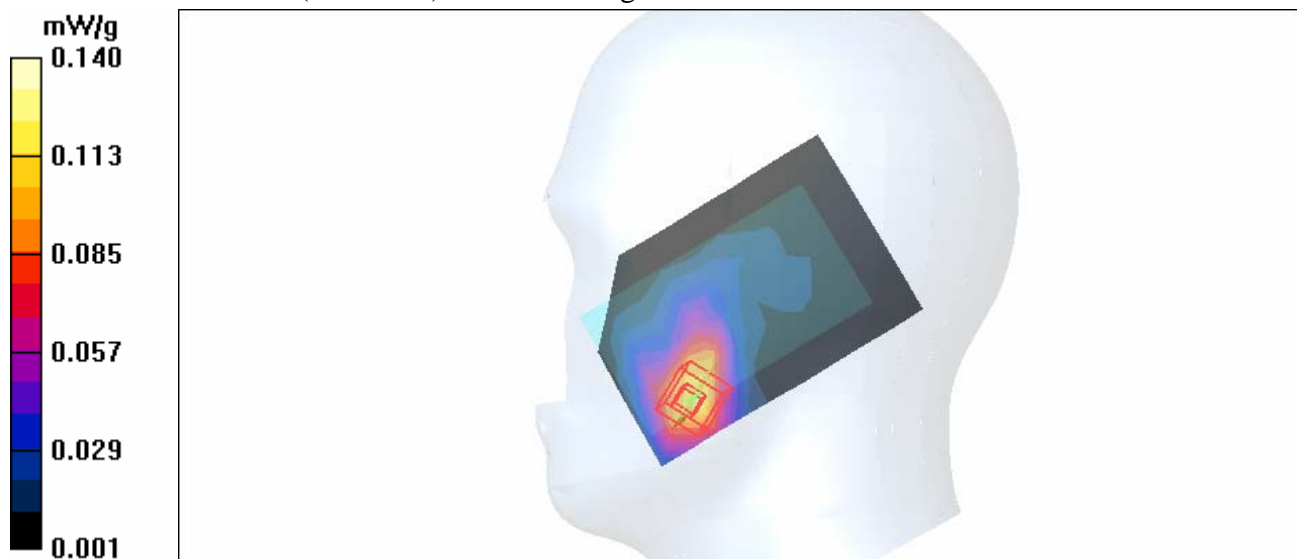
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.58 V/m

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.140 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-11g-Ch6-Mode 27

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.124 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

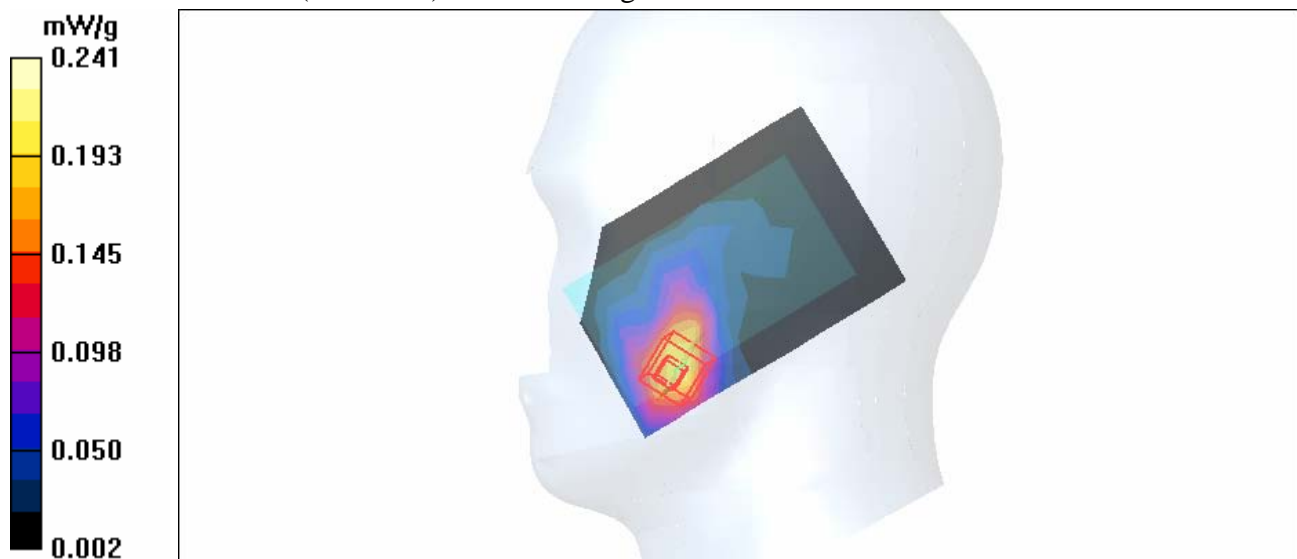
dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.38 V/m

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.144 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-11g-Ch11-Mode 27

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.141 mW/g

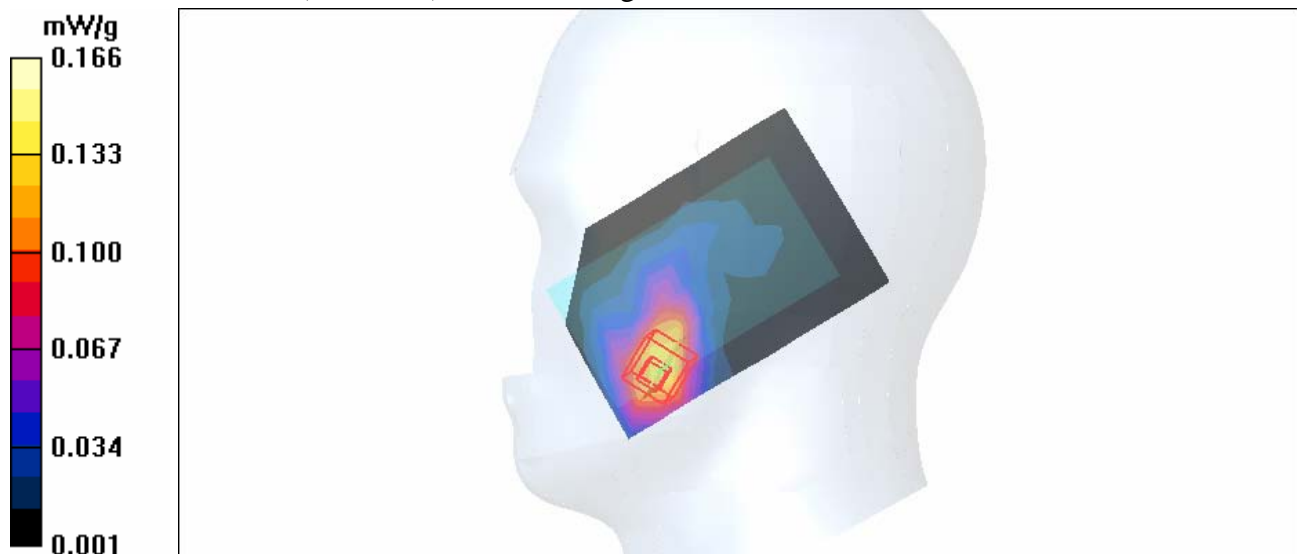
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.82 V/m

Peak SAR (extrapolated) = 0.288 W/kg

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.079 mW/g**

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



Test Laboratory: Advance Data Technology

## Left Head-Tilt-11g-Ch1-Mode 28

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 1/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

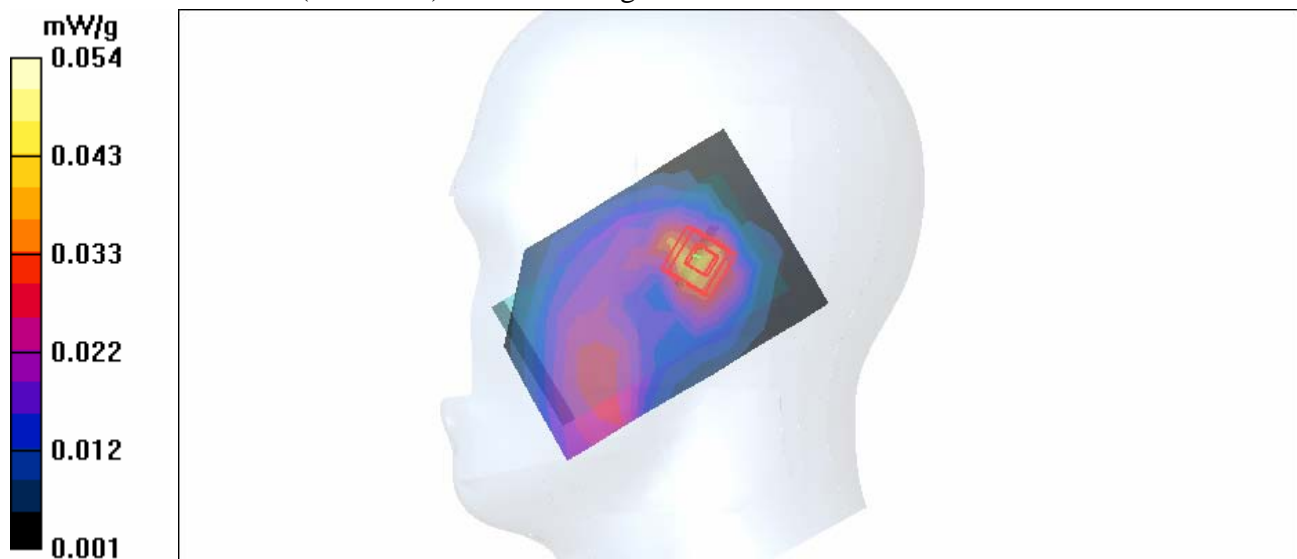
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.69 V/m

Peak SAR (extrapolated) = 0.095 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.054 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Tilt-11g-Ch6-Mode 28

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 6/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.035 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

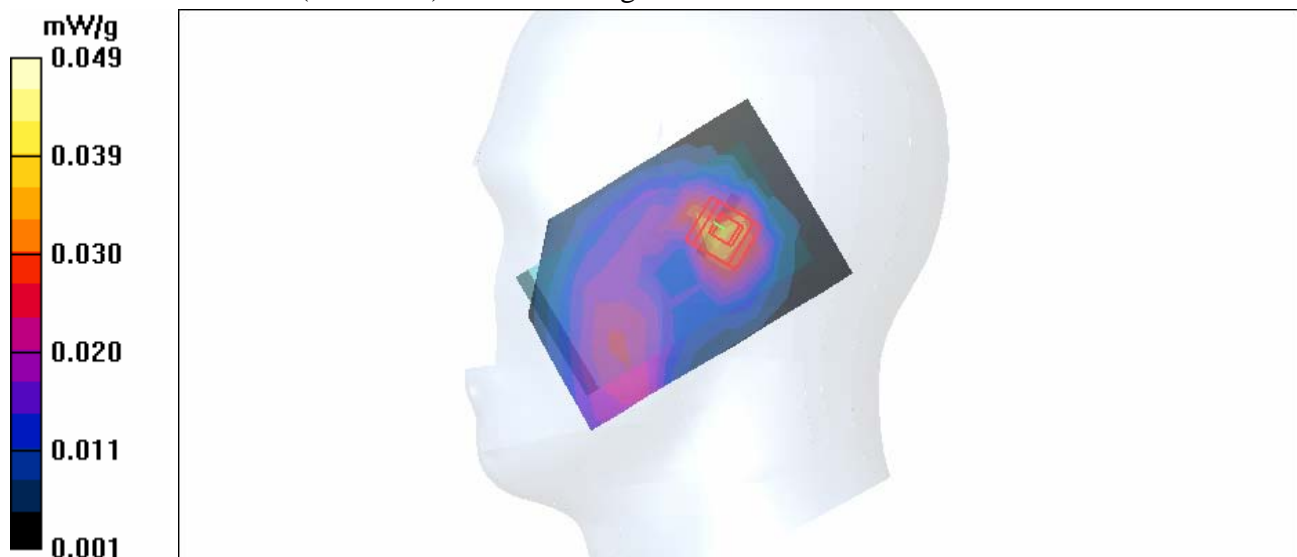
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.51 V/m

Peak SAR (extrapolated) = 0.086 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.049 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-11g-Ch11-Mode 28

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.87 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 152 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OFDM

Antenna type : PIFA Antenna ; Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.040 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

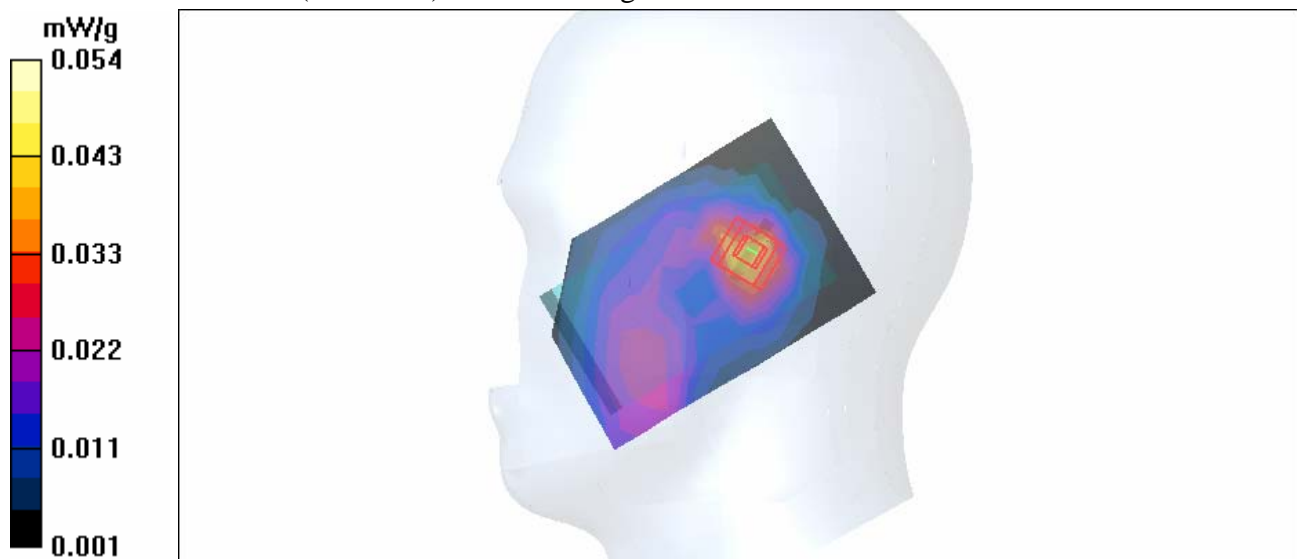
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.07 V/m

Peak SAR (extrapolated) = 0.096 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.054 mW/g





Test Laboratory: Advance Data Technology

**Body Worn-11g-Ch1-Keypad Down-Mode 29**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OFDM

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 1/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.27 V/m

Peak SAR (extrapolated) = 0.043 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g**

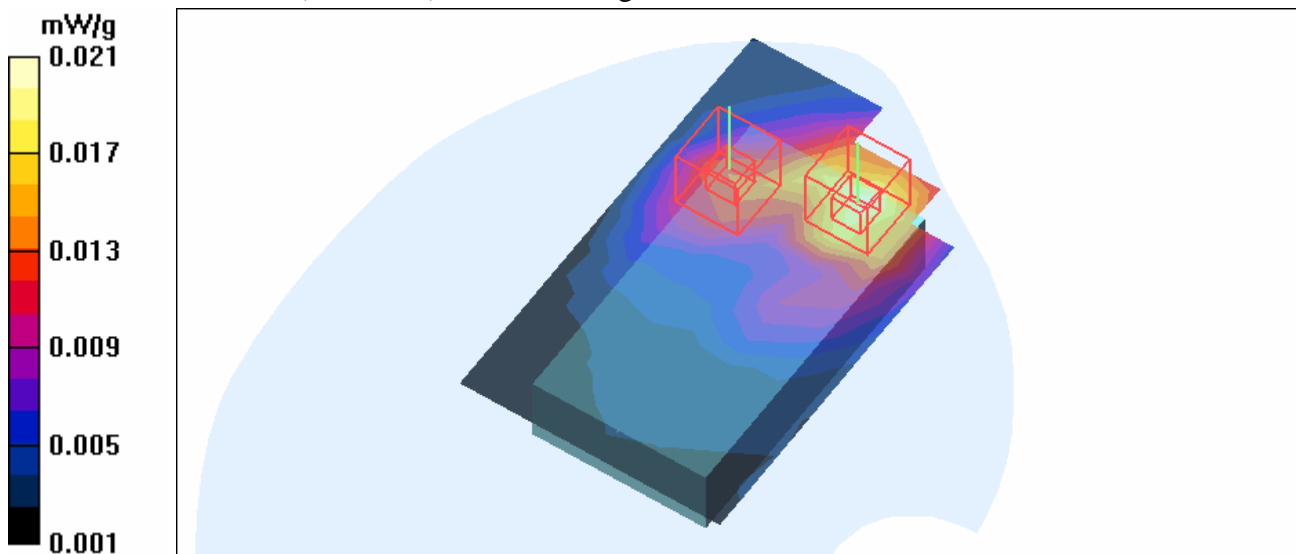
**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.27 V/m

Peak SAR (extrapolated) = 0.038 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00821 mW/g**

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



Test Laboratory: Advance Data Technology

### Body Worn-11g-Ch6-Keypad Down-Mode 29

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2437 MHz**

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

Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OFDM

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 6/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.35 V/m

Peak SAR (extrapolated) = 0.045 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g**

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

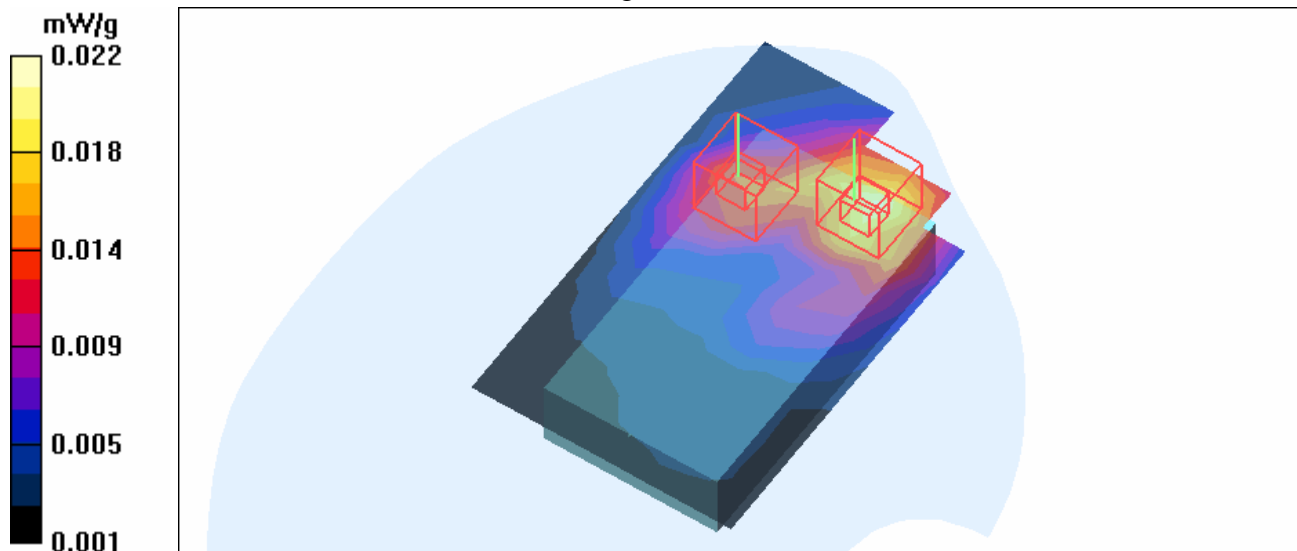
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.35 V/m

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00885 mW/g**

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



Test Laboratory: Advance Data Technology

### Body Worn-11g-Ch11-Keypad Down-Mode 29

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OFDM

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 11/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.74 V/m

Peak SAR (extrapolated) = 0.052 W/kg

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.026 mW/g

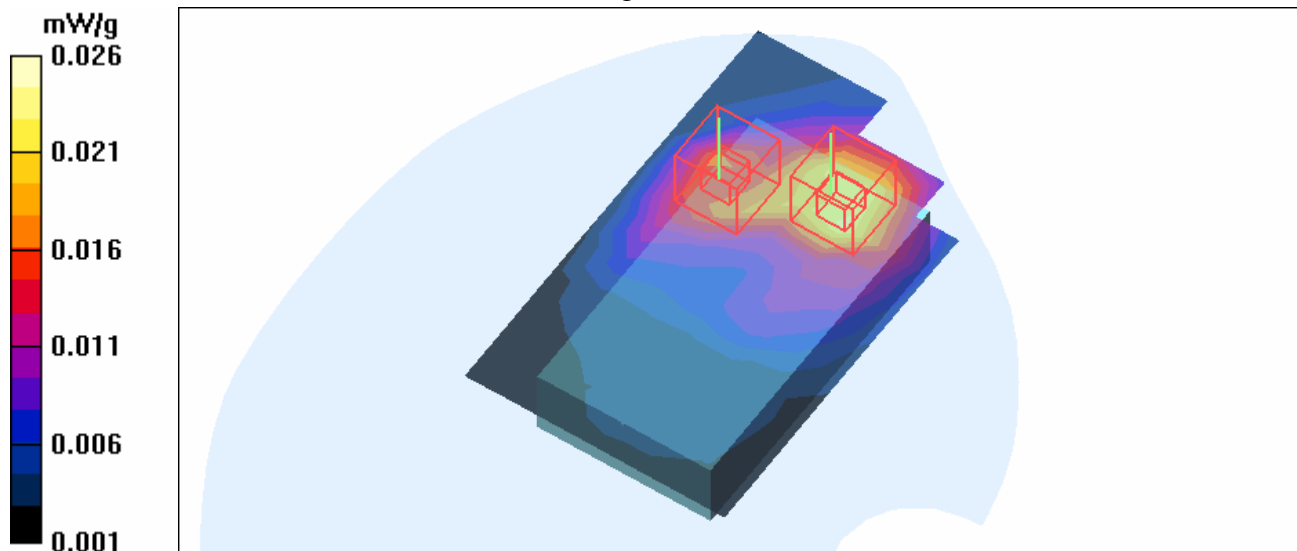
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.74 V/m

Peak SAR (extrapolated) = 0.050 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.010 mW/g**

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



Test Laboratory: Advance Data Technology

## Body Worn-11g-Ch11-Keypad Up-Mode 30

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1  
 Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OFDM  
 Separation Distance : 0 mm ( The front side of the EUT to the Phantom)  
 Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

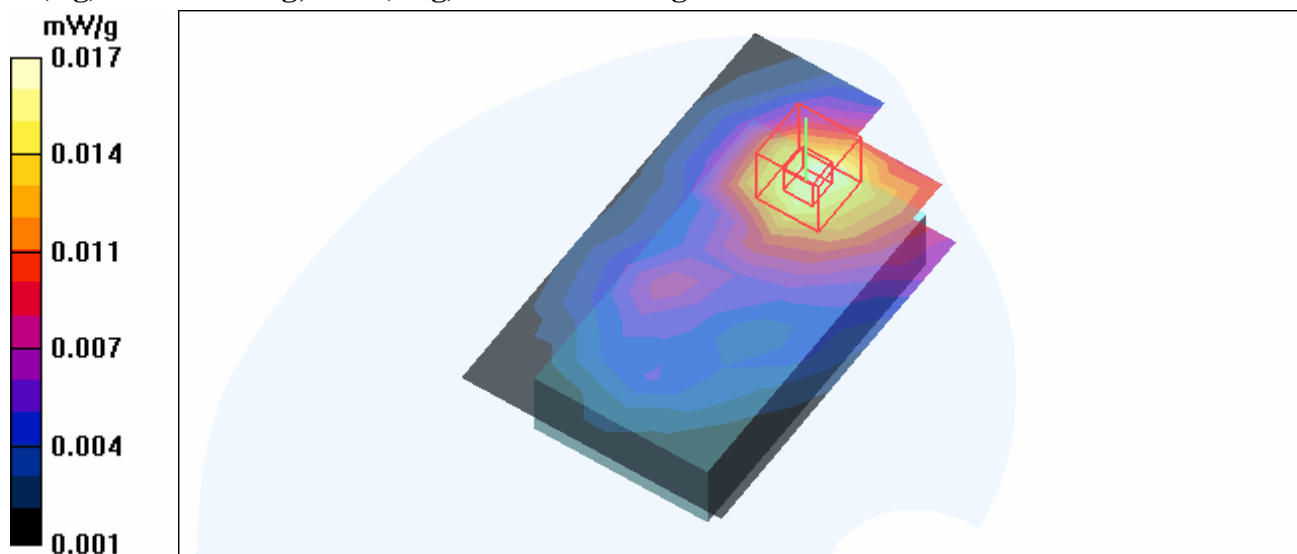
**High Channel 11/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.017 mW/g

**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.43 V/m

Peak SAR (extrapolated) = 0.033 W/kg

SAR(1 g) = **0.016 mW/g**; SAR(10 g) = 0.00909 mW/g



Test Laboratory: Advance Data Technology

### Right Head-Cheek-BT-Ch0-Mode 31

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.02 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.0016 mW/g; SAR(10 g) = 0.00137 mW/g**

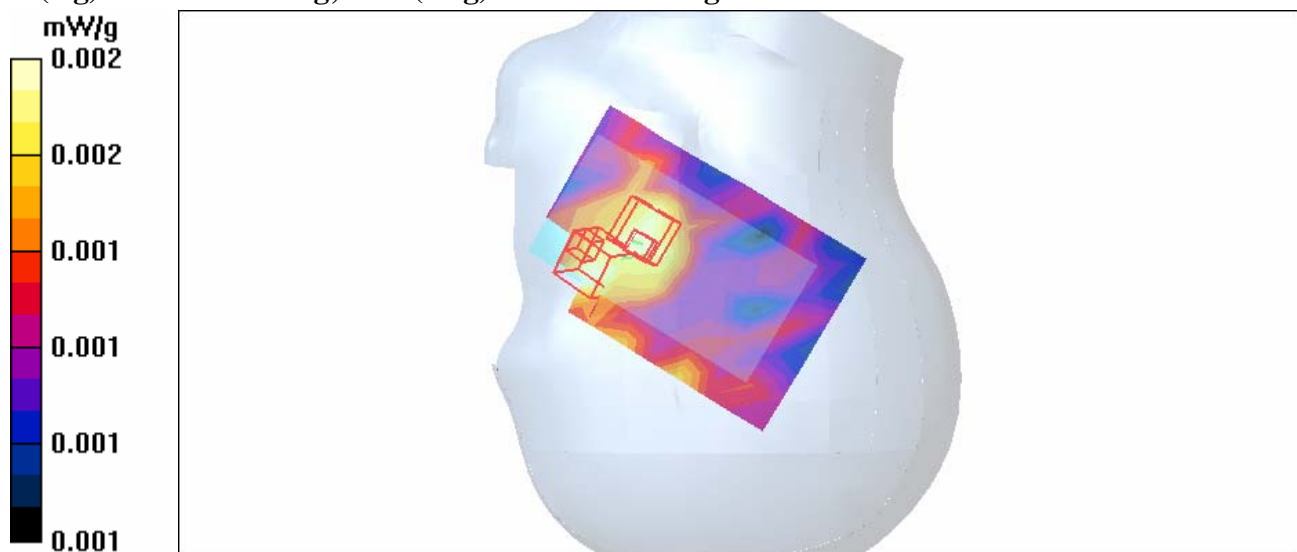
**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.02 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00168 mW/g; SAR(10 g) = 0.00141 mW/g**



Test Laboratory: Advance Data Technology

### Right Head-Cheek-BT-Ch39-Mode 31

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 40.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.002 mW/g

**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.725 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00145 mW/g; SAR(10 g) = 0.00116 mW/g**

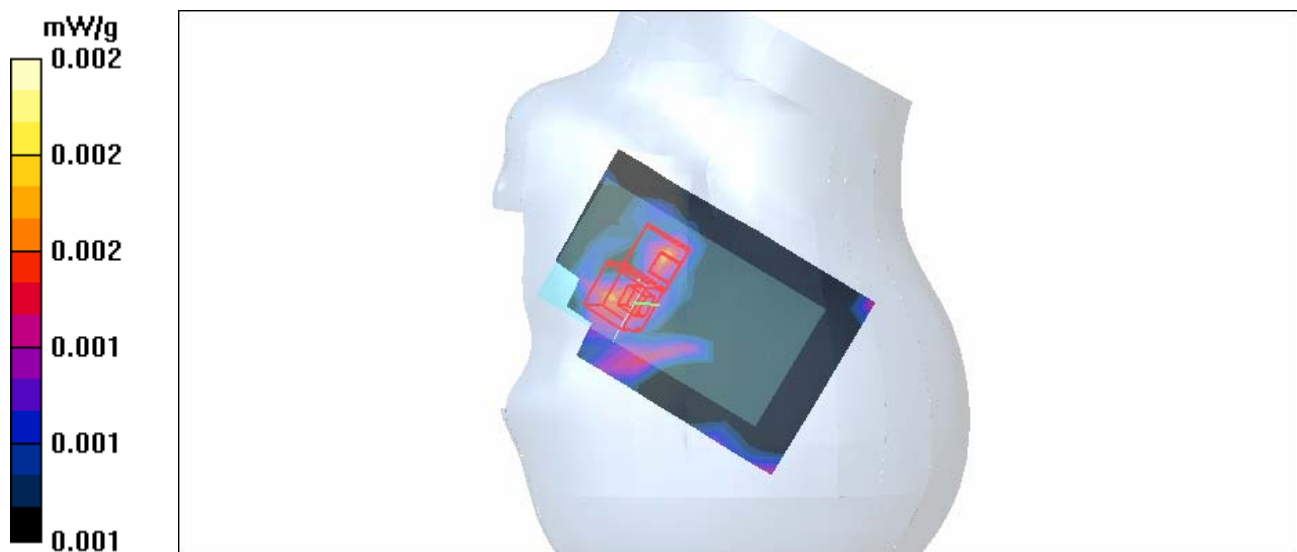
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 0.725 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00151 mW/g; SAR(10 g) = 0.00122 mW/g**



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-Ch78-Mode 31

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 151 mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 78/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.002 mW/g

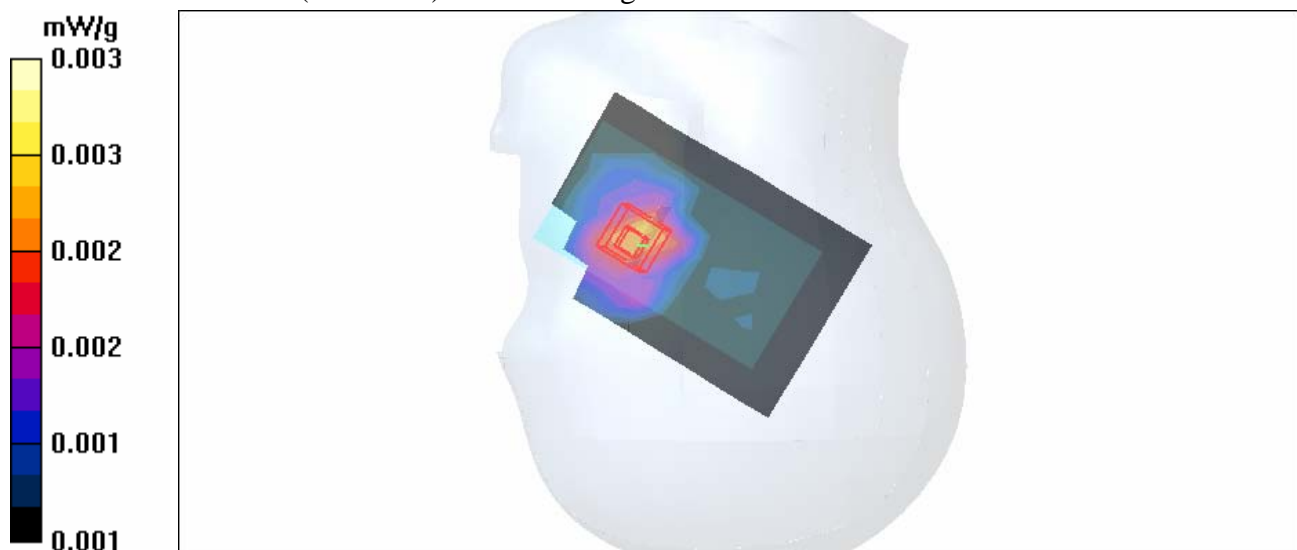
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.766 V/m

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.00243 mW/g; SAR(10 g) = 0.00169 mW/g**

Maximum value of SAR (measured) = 0.003 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Tilt-BT-Ch0-Mode 32**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 151 mm  
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: GFSK  
 Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees  
 DASY4 Configuration:  
 - Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15  
 - Sensor-Surface: 4mm (Mechanical Surface Detection)  
 - Electronics: DAE3 Sn579; Calibrated: 2006/3/15  
 - Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202  
 - Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

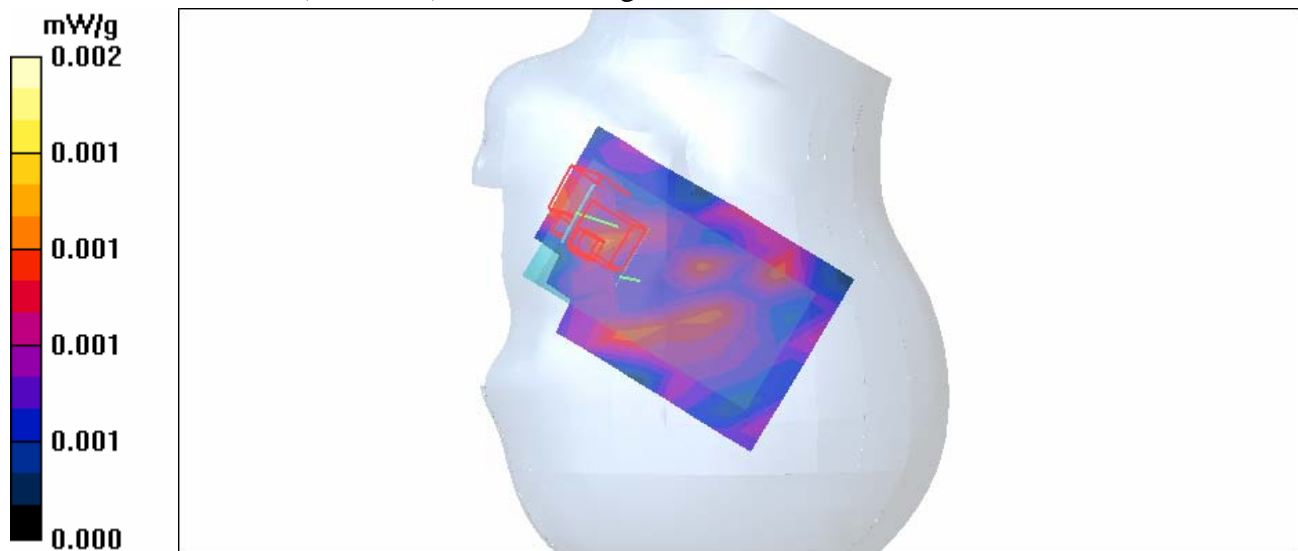
**Tilt position - Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.001 mW/g

**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.844 V/m  
 Peak SAR (extrapolated) = 0.002 W/kg  
**SAR(1 g) = 0.00112 mW/g; SAR(10 g) = 0.000971 mW/g**

**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.844 V/m  
 Peak SAR (extrapolated) = 0.002 W/kg  
**SAR(1 g) = 0.00117 mW/g; SAR(10 g) = 0.00101 mW/g**  
 Maximum value of SAR (measured) = 0.002 mW/g





Test Laboratory: Advance Data Technology

**Right Head-Tilt-BT-Ch39-Mode 32**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 40.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.001 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 0.782 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00112 mW/g; SAR(10 g) = 0.000922 mW/g**

Maximum value of SAR (measured) = 0.002 mW/g

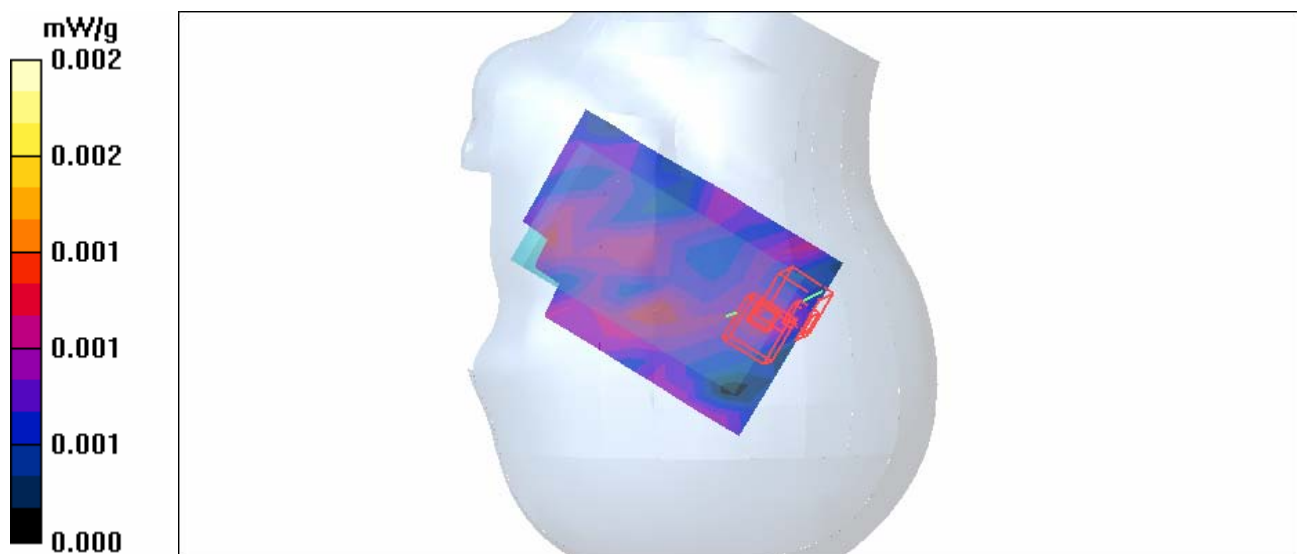
**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 0.782 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00114 mW/g; SAR(10 g) = 0.000985 mW/g**



Test Laboratory: Advance Data Technology

**Right Head-Tilt-BT-Ch78-Mode 32**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.784 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00125 mW/g; SAR(10 g) = 0.00106 mW/g**

Maximum value of SAR (measured) = 0.002 mW/g

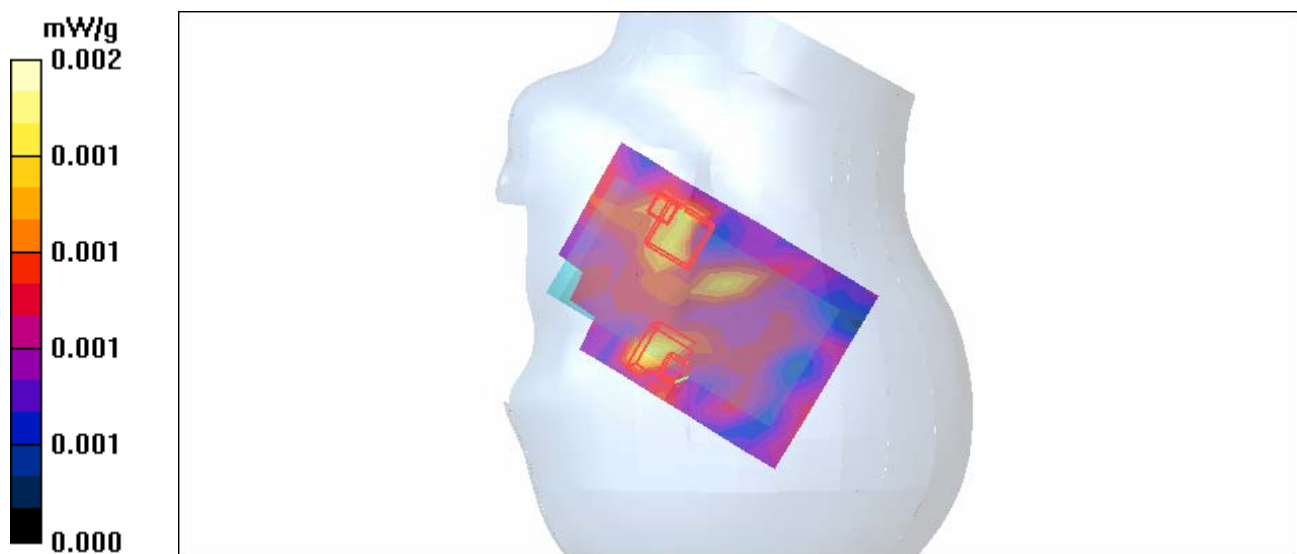
**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.784 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00115 mW/g; SAR(10 g) = 0.00104 mW/g**



Test Laboratory: Advance Data Technology

### Left Head-Cheek-BT-Ch0-Mode 33

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2402 MHz**

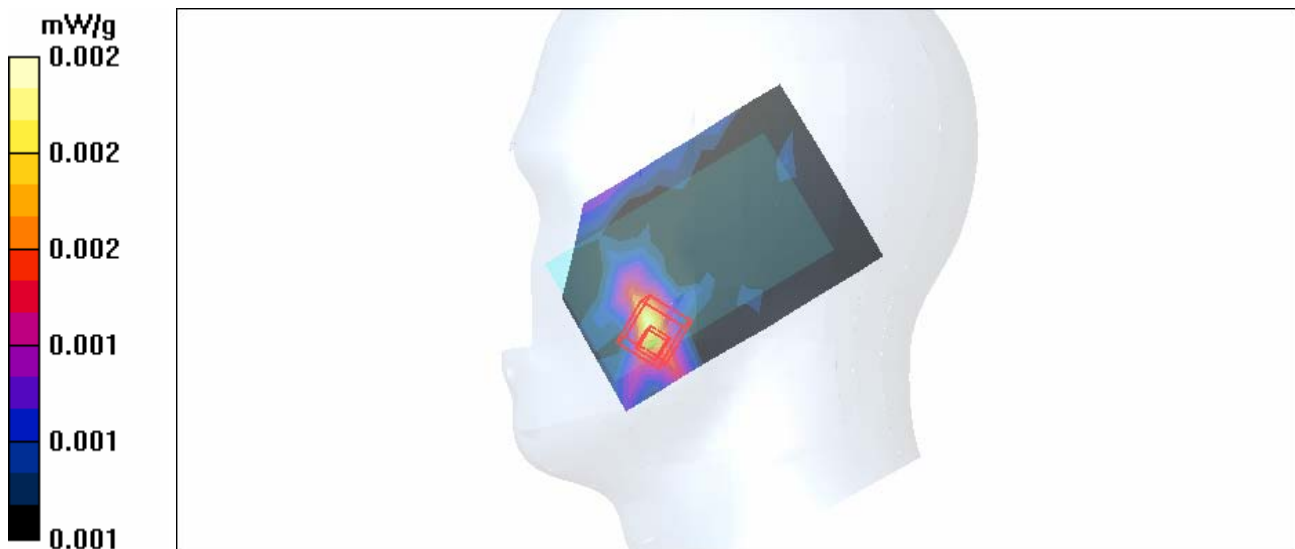
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 151 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Low Channel 0/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.002 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 0.897 V/m  
 Peak SAR (extrapolated) = 0.002 W/kg  
**SAR(1 g) = 0.00174 mW/g; SAR(10 g) = 0.00131 mW/g**



Test Laboratory: Advance Data Technology

### Left Head-Cheek-BT-Ch39-Mode 33

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 40.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.002 mW/g

**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 0.700 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00162 mW/g; SAR(10 g) = 0.00123 mW/g**

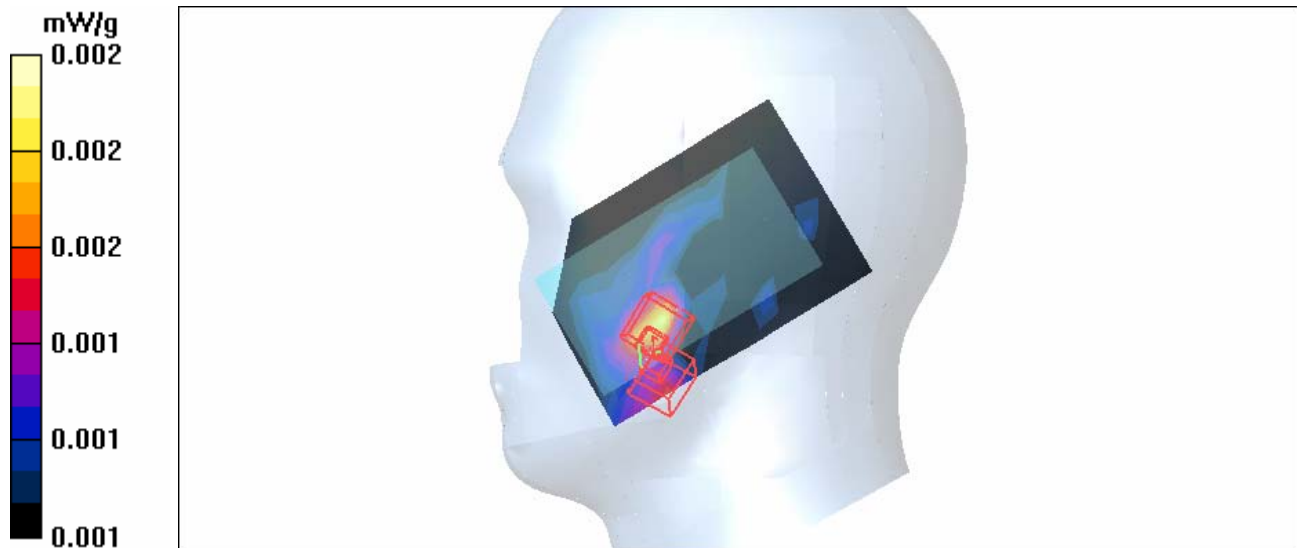
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 0.700 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00171 mW/g; SAR(10 g) = 0.00127 mW/g**



Test Laboratory: Advance Data Technology

### Left Head-Cheek-BT-Ch78-Mode 33

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 151 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - High Channel 78/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.003 mW/g

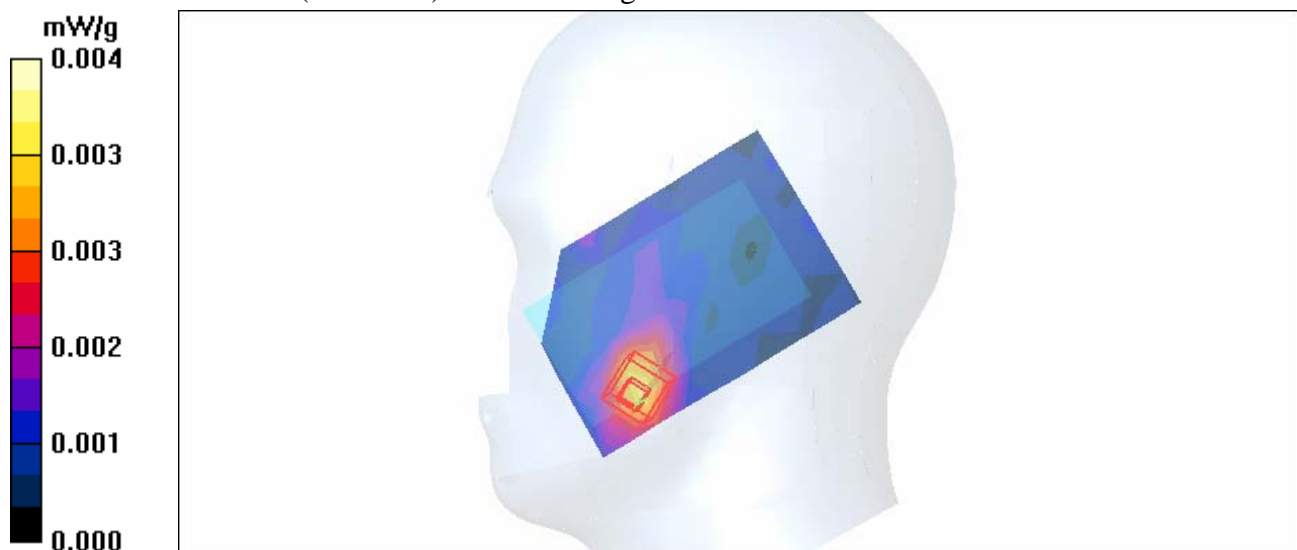
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.850 V/m

Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.00372 mW/g; SAR(10 g) = 0.0022 mW/g**

Maximum value of SAR (measured) = 0.004 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-BT-Ch0-Mode 34

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2402 MHz**

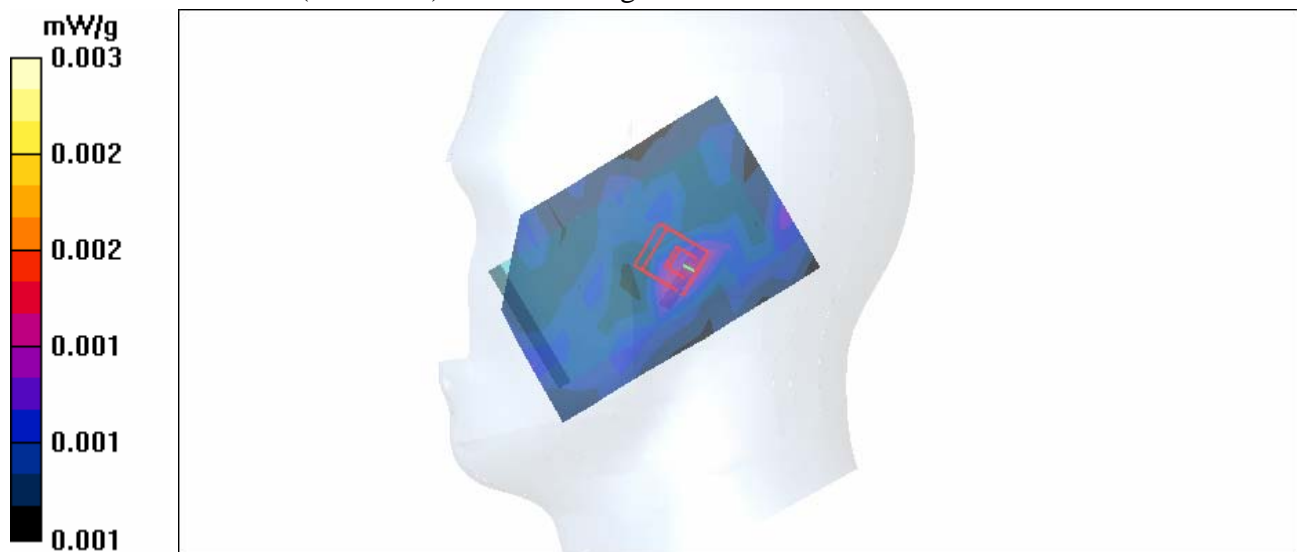
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 40.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 151 mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK  
 Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Low Channel 0/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 0.649 V/m  
 Peak SAR (extrapolated) = 0.003 W/kg  
**SAR(1 g) = 0.00113 mW/g; SAR(10 g) = 0.000962 mW/g**  
 Maximum value of SAR (measured) = 0.003 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-BT-Ch39-Mode 34**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 40.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - Mid Channel 39/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.001 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 0.745 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00117 mW/g; SAR(10 g) = 0.000975 mW/g**

Maximum value of SAR (measured) = 0.002 mW/g

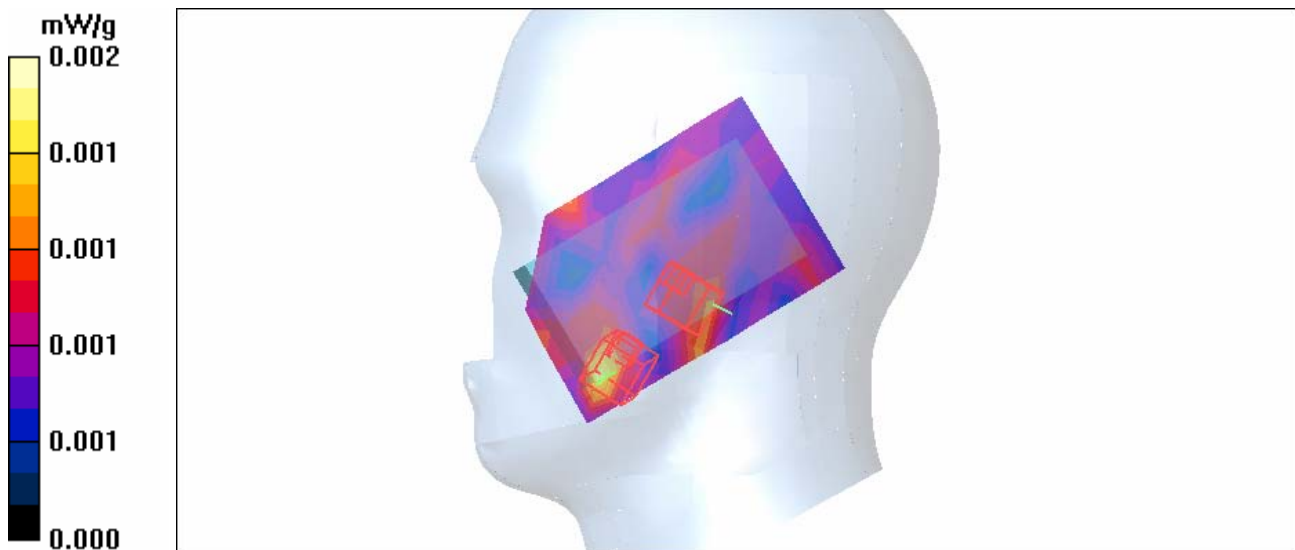
**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 0.745 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00114 mW/g; SAR(10 g) = 0.000959 mW/g**



Test Laboratory: Advance Data Technology

**Left Head-Tilt-BT-Ch78-Mode 34**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK

Antenna type : PIFA Antenna ; Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 78/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.001 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 0.854 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00164 mW/g; SAR(10 g) = 0.00124 mW/g**

Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

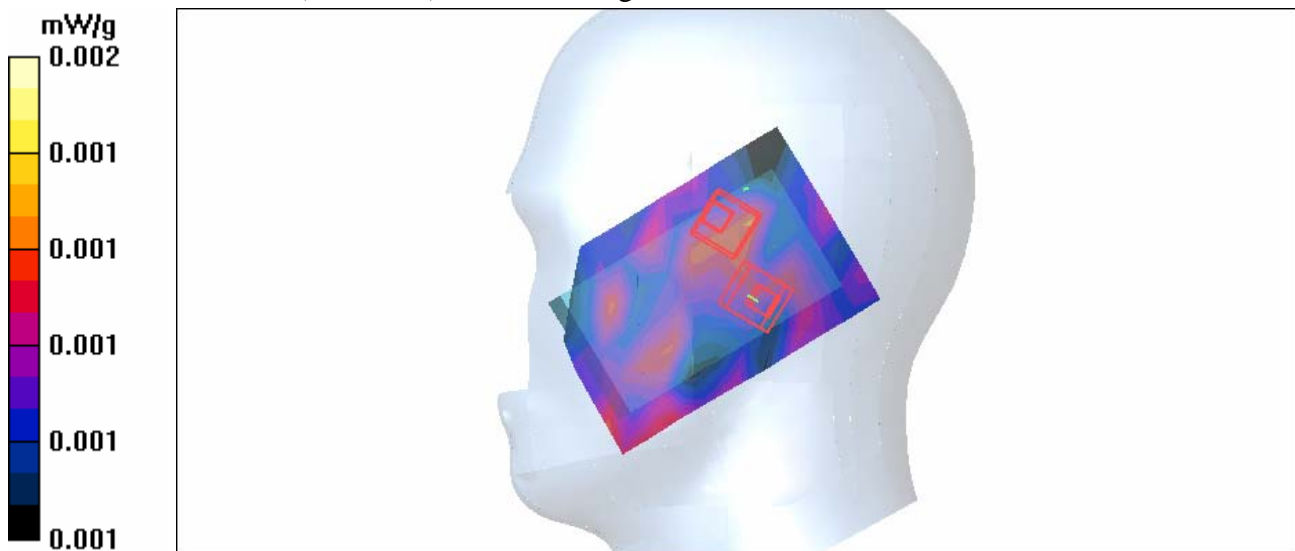
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.854 V/m

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.0011 mW/g; SAR(10 g) = 0.000941 mW/g**

Maximum value of SAR (measured) = 0.003 mW/g





Test Laboratory: Advance Data Technology

**Body Worn-BT-Ch0-Keypad Down-Mode 35**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used :  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.91 \text{ mho/m}$ ;  $\epsilon_r = 52.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Low Channel 0/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.774 V/m

Peak SAR (extrapolated) = 0.002 W/kg

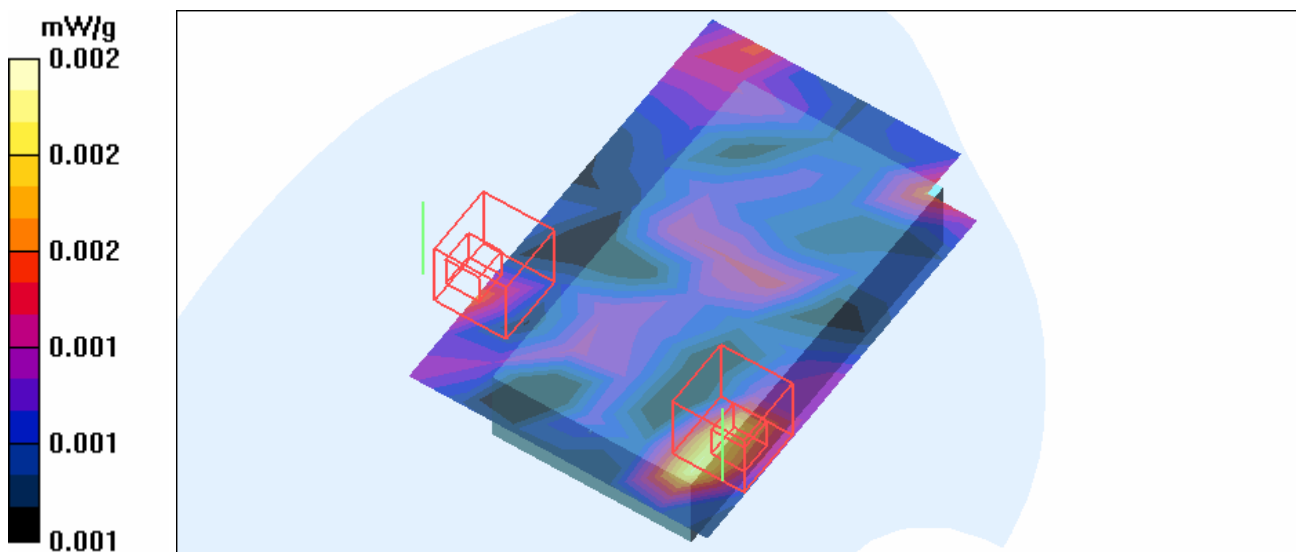
**SAR(1 g) = 0.00142 mW/g; SAR(10 g) = 0.00119 mW/g**

**Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.774 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00145 mW/g; SAR(10 g) = 0.00131 mW/g**



Test Laboratory: Advance Data Technology

### Body Worn-BT-Ch39-Keypad Down-Mode 35

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 39/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.818 V/m

Peak SAR (extrapolated) = 0.002 W/kg

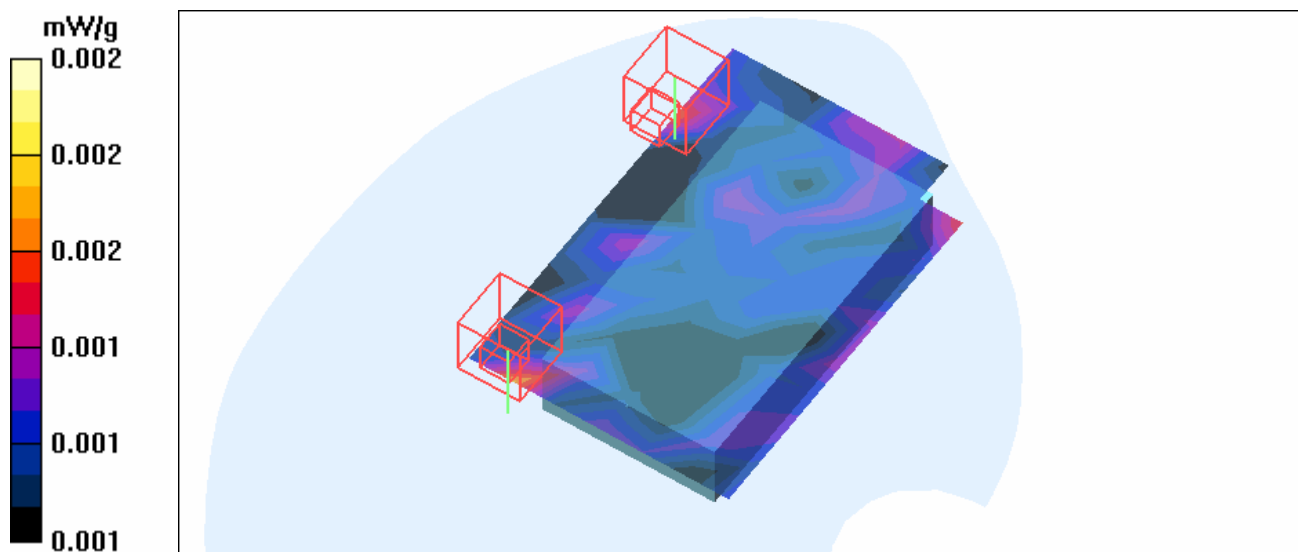
**SAR(1 g) = 0.00147 mW/g; SAR(10 g) = 0.00131 mW/g**

**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.818 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00138 mW/g; SAR(10 g) = 0.00124 mW/g**



Test Laboratory: Advance Data Technology

### Body Worn-BT-Ch78-Keypad Down-Mode 35

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used :  $f = 2480$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.773 V/m

Peak SAR (extrapolated) = 0.003 W/kg

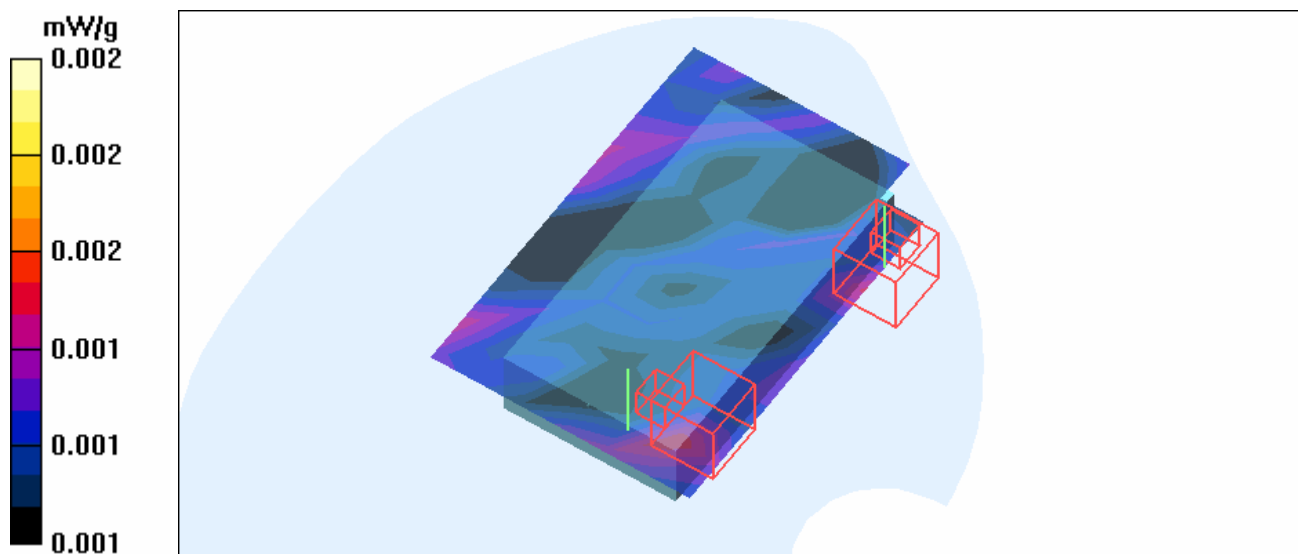
**SAR(1 g) = 0.00167 mW/g; SAR(10 g) = 0.00141 mW/g**

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.773 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00141 mW/g; SAR(10 g) = 0.00118 mW/g**



Test Laboratory: Advance Data Technology

### Body Worn-BT-Ch78-Keypad Up-Mode 36

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used :  $f = 2480$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK

Separation Distance : 0 mm ( The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.757 V/m

Peak SAR (extrapolated) = 0.004 W/kg

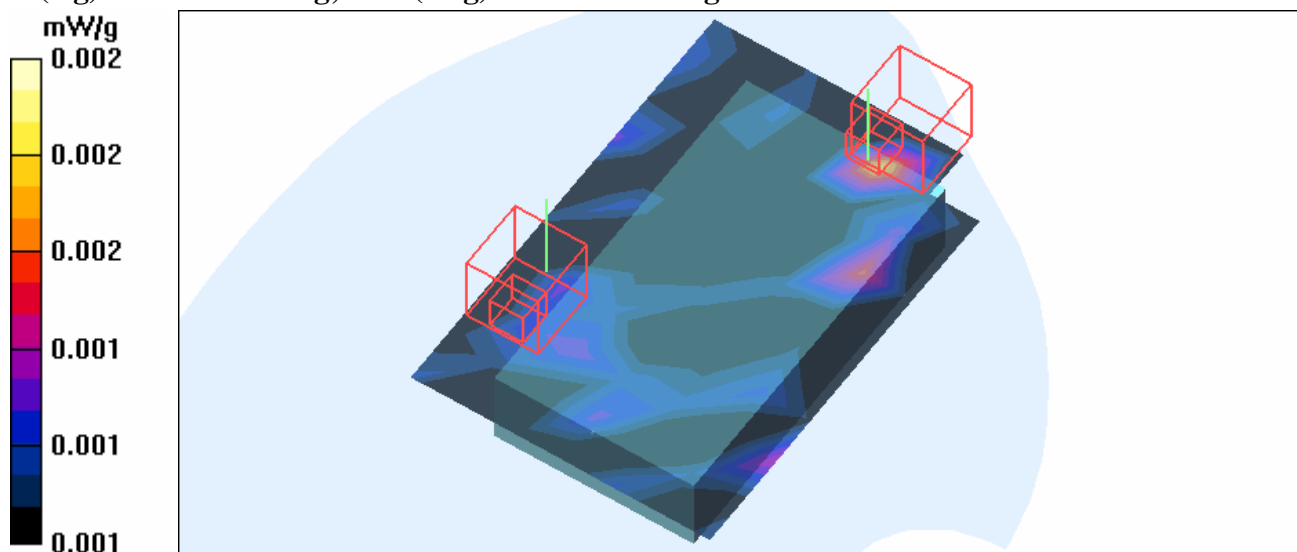
**SAR(1 g) = 0.00136 mW/g; SAR(10 g) = 0.00116 mW/g**

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.757 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00125 mW/g; SAR(10 g) = 0.00106 mW/g**



Test Laboratory: Advance Data Technology

**Co-located-Left Head-Cheek- CDMA(850)-Ch384/11b-Ch11 -Mode 37**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz Frequency: 2462 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 836.6 MHz Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.87 \text{ mho/m}$ ;  $\epsilon_r = 39.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34)ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 384/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.891 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.648 mW/g**

Maximum value of SAR (measured) = 0.930 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.403 mW/g**

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

**Touch position - High Channel 11/Area Scan (7x10x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.302 mW/g

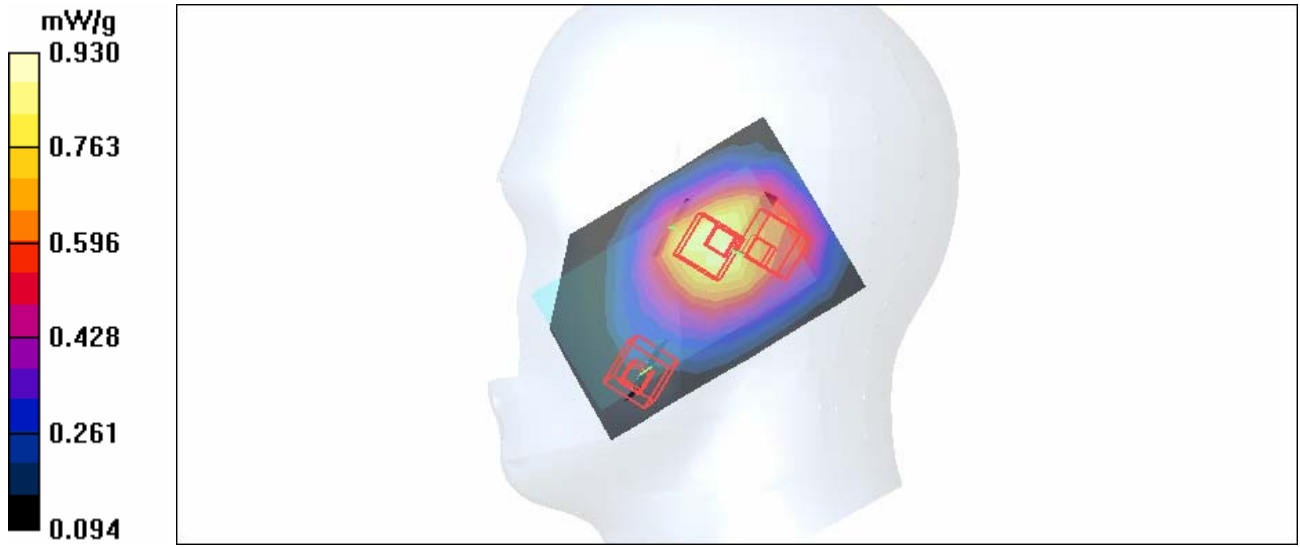
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.79 V/m

Peak SAR (extrapolated) = 0.622 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.172 mW/g**

Maximum value of SAR (measured) = 0.362 mW/g



Test Laboratory: Advance Data Technology

### **Co-located-Body Worn- EVDO(850)-Ch384/11b-Ch11 -Mode 38**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz Frequency: 2462 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 836.6 MHz Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium: MSL2450 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.98 \text{ mho/m}$ ;  $\epsilon_r = 52.1$ ;  $\rho = 1000 \text{ kg/m}^3$ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21)ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.961 mW/g

**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.9 V/m

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.666 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g

**High Channel 11/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.035 mW/g

**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g**

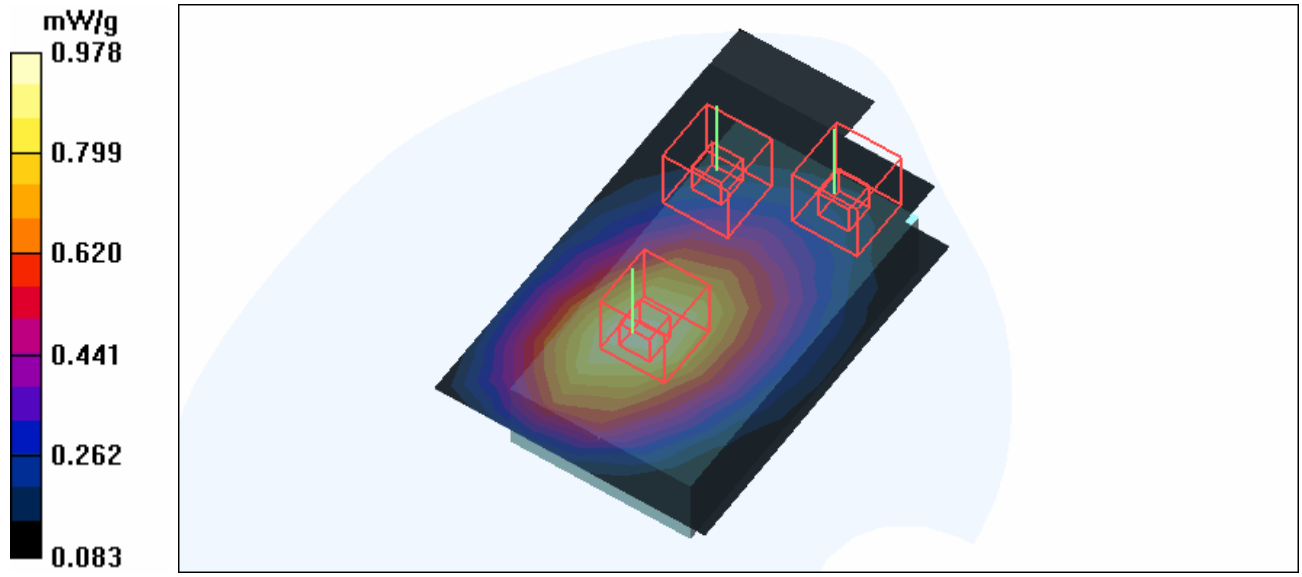
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g





Test Laboratory: Advance Data Technology

### **Co-located-Left Head-Cheek- CDMA(1900)-Ch1175/11b-Ch11 -Mode 39**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz Frequency: 2462 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 1908.75 MHz Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used :  $f = 1908.75$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 39.8$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : PIFA Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96)ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 mW/g

**Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.0 V/m

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.629 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g

**Tilt position - High Channel 11/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.052 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.89 V/m

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.066 mW/g

**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

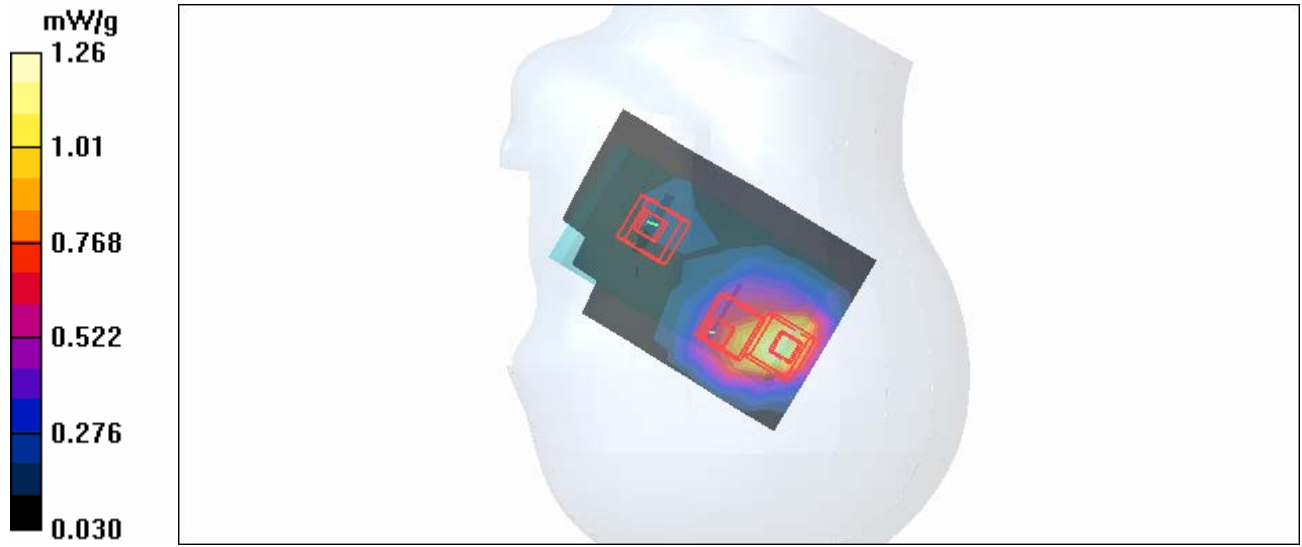
dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.89 V/m

Peak SAR (extrapolated) = 0.067 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.042 mW/g



Test Laboratory: Advance Data Technology

### **Co-located-Body Worn- EVDO(1900)-Ch1175/11b-Ch11 -Mode 40**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz Frequency: 2462 MHz**

Communication System: CDMA Communication System: 802.11b ; Frequency: 1908.75 MHz Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium: MSL2450 Medium parameters used:  $f = 1908.75 \text{ MHz}$ ;  $\sigma = 1.56 \text{ mho/m}$ ;  $\epsilon_r = 53.1$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.98 \text{ mho/m}$ ;  $\epsilon_r = 52.1$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.2 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39)ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 0.900 W/kg

**SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 0.597 mW/g

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 0.771 W/kg

**SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g

**High Channel 11/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.035 mW/g

**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.019 mW/g**

**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm,

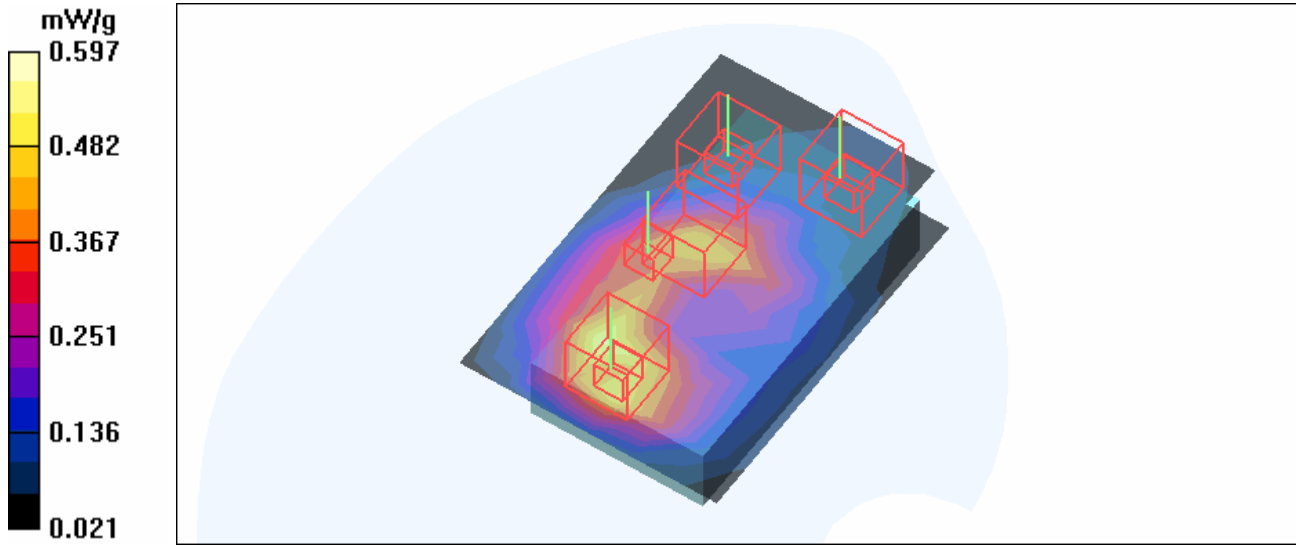
dz=5mm

Reference Value = 1.46 V/m

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.033 mW/g



Test Laboratory: Advance Data Technology

### **Co-located-Left Head-Cheek- CDMA(850)-Ch384/BT-Ch78 -Mode 41**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz Frequency: 2480 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 836.6 MHz Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.9 \text{ mho/m}$ ;  $\epsilon_r = 40.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Liquid level: 150 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(6.34, 6.34, 6.34)ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Touch position - Mid Channel 384/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.891 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.648 mW/g**

Maximum value of SAR (measured) = 0.930 mW/g

**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.403 mW/g**

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

**Touch position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.003 mW/g

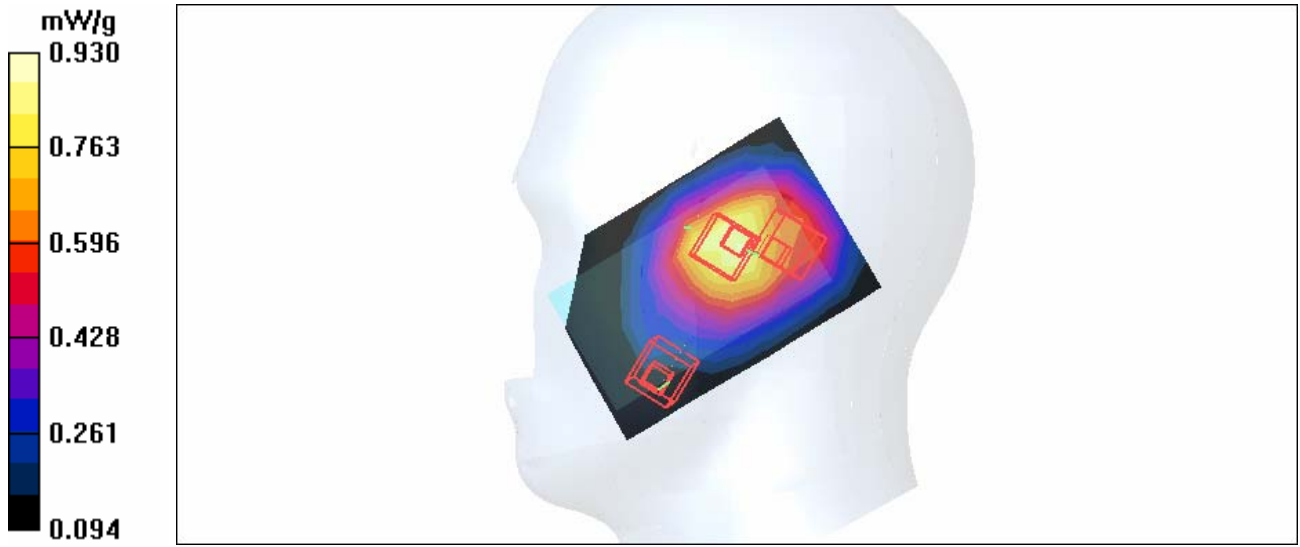
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.850 V/m

Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.00372 mW/g; SAR(10 g) = 0.0022 mW/g**

Maximum value of SAR (measured) = 0.004 mW/g



Test Laboratory: Advance Data Technology

## Co-located-Body Worn- EVDO(850)-Ch384/BT-Ch78 -Mode 42

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 836.6 MHz Frequency: 2480 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 836.6 MHz Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium: MSL2450 Medium parameters used:  $f = 836.6 \text{ MHz}$ ;  $\sigma = 0.95 \text{ mho/m}$ ;  $\epsilon_r = 55$ ;  $\rho = 1000 \text{ kg/m}^3$  Medium parameters used :  $f = 2480 \text{ MHz}$ ;  $\sigma = 2.01 \text{ mho/m}$ ;  $\epsilon_r = 52$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.3 degrees ; Liquid Temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21)ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**Mid Channel 384/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.961 mW/g

**Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.9 V/m

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.666 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g

**High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.773 V/m

Peak SAR (extrapolated) = 0.003 W/kg

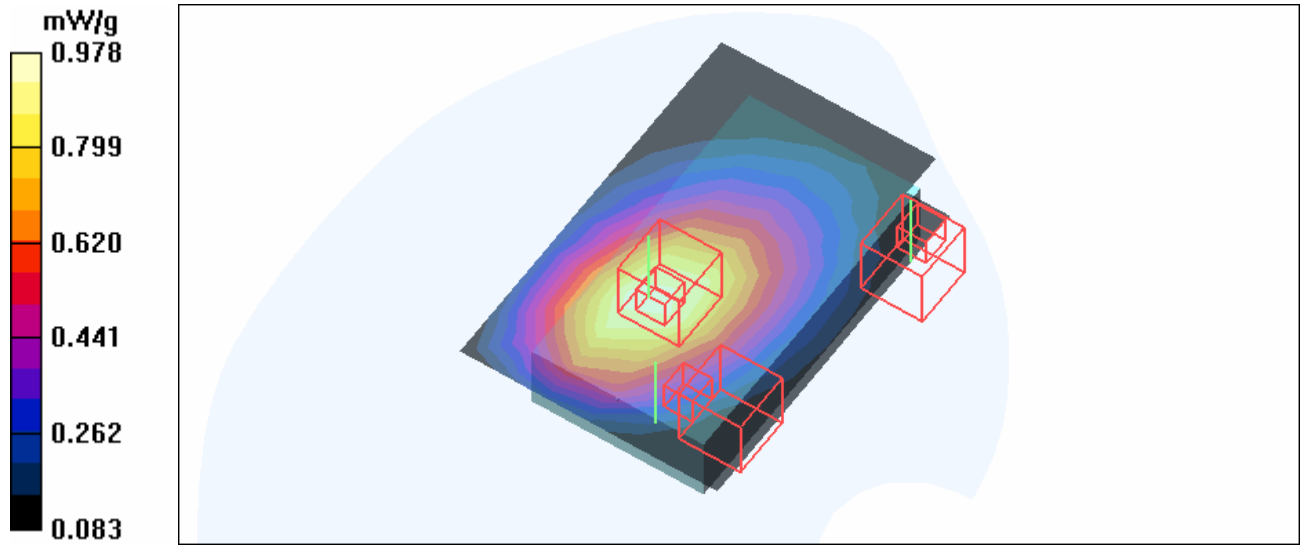
**SAR(1 g) = 0.00167 mW/g; SAR(10 g) = 0.00141 mW/g**

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.773 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00141 mW/g; SAR(10 g) = 0.00119 mW/g**





Test Laboratory: Advance Data Technology

**Co-located-Left Head-Cheek- CDMA(1900)-Ch1175/BT-Ch78 -Mode 43**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz Frequency: 2480 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 1908.75

MHz Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used :  $f = 1908.75$  MHz;  $\sigma = 1.43$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.9$  mho/m;  $\epsilon_r = 40.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK

Antenna type : PIFA Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.96, 4.96, 4.96)ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn579; Calibrated: 2006/3/15

- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**Tilt position - High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.25 mW/g

**Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.0 V/m

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.629 mW/g**

Maximum value of SAR (measured) = 1.26 mW/g

**Tilt position - High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.784 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00125 mW/g; SAR(10 g) = 0.00106 mW/g**

Maximum value of SAR (measured) = 0.002 mW/g

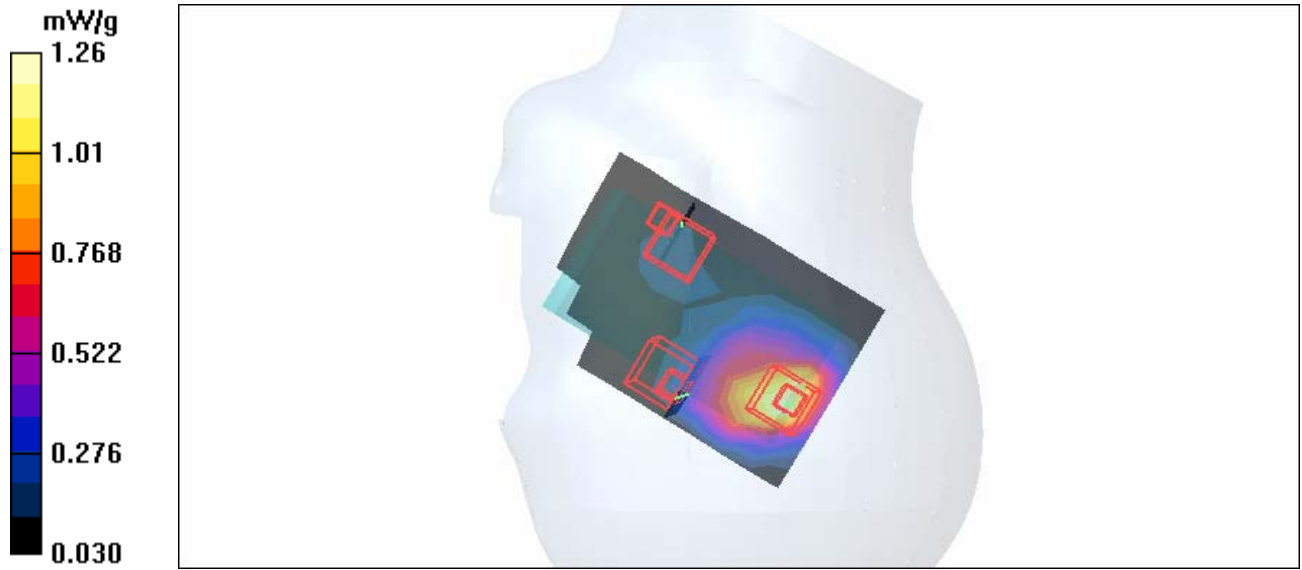
**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.784 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00115 mW/g; SAR(10 g) = 0.00104 mW/g**



Test Laboratory: Advance Data Technology

### **Co-located-Body Worn- EVDO(1900)-Ch1175/BT-Ch78 -Mode 44**

**DUT: Pocket PC Phone ; Type: TITA100 ; Test Frequency: 1908.75 MHz Frequency: 2480 MHz**

Communication System: CDMA Communication System: Bluetooth ; Frequency: 1908.75

MHz Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium: MSL2450 Medium parameters used:  $f = 1908.75$  MHz;  $\sigma = 1.56$  mho/m;  $\epsilon_r = 53.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> Medium parameters used :  $f = 2480$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK

Separation Distance : 0 mm ( The bottom side of the EUT to the Phantom)

Antenna Type : monopole Antenna ; Air Temp. : 22.2 degrees ; Liquid Temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

**High Channel 1175/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

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

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 0.900 W/kg

**SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.325 mW/g**

Maximum value of SAR (measured) = 0.597 mW/g

**High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 0.771 W/kg

**SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.264 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g

**High Channel 78/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.002 mW/g

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.773 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00167 mW/g; SAR(10 g) = 0.00141 mW/g**

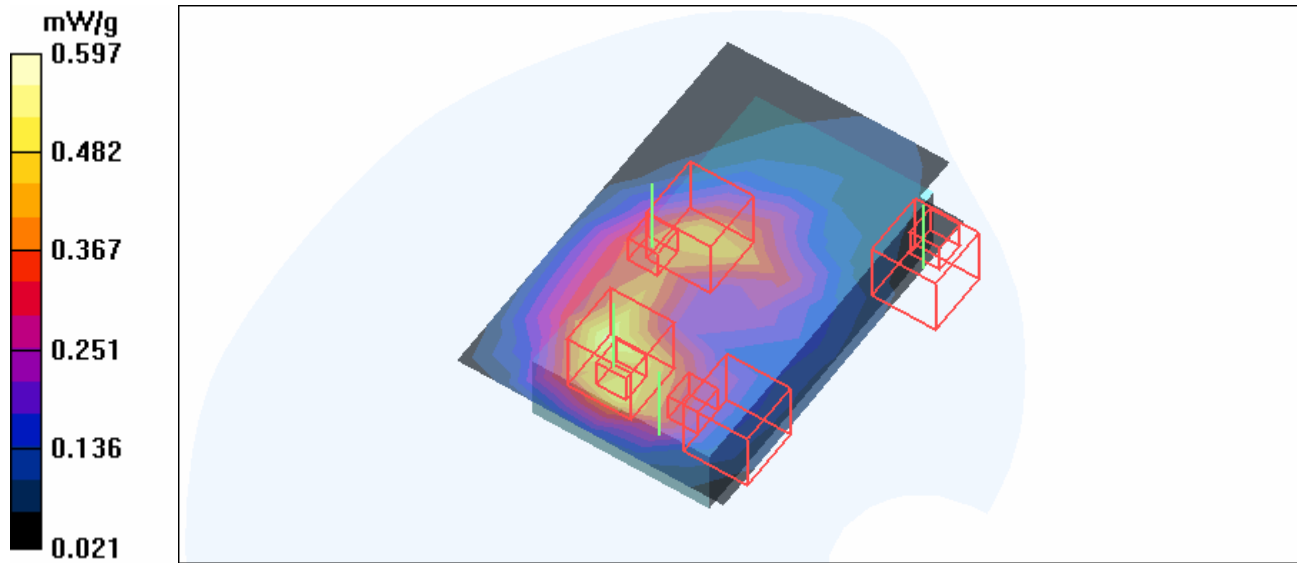
**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm,

dz=5mm

Reference Value = 0.773 V/m

Peak SAR (extrapolated) = 0.002 W/kg

**SAR(1 g) = 0.00141 mW/g; SAR(10 g) = 0.00119 mW/g**



Test Laboratory: Advance Data Technology

## System Validation Check-HSL 835MHz

**DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz**

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL835;Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.34, 6.34, 6.34) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**d=15mm, Pin=250mW/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 2.27 mW/g

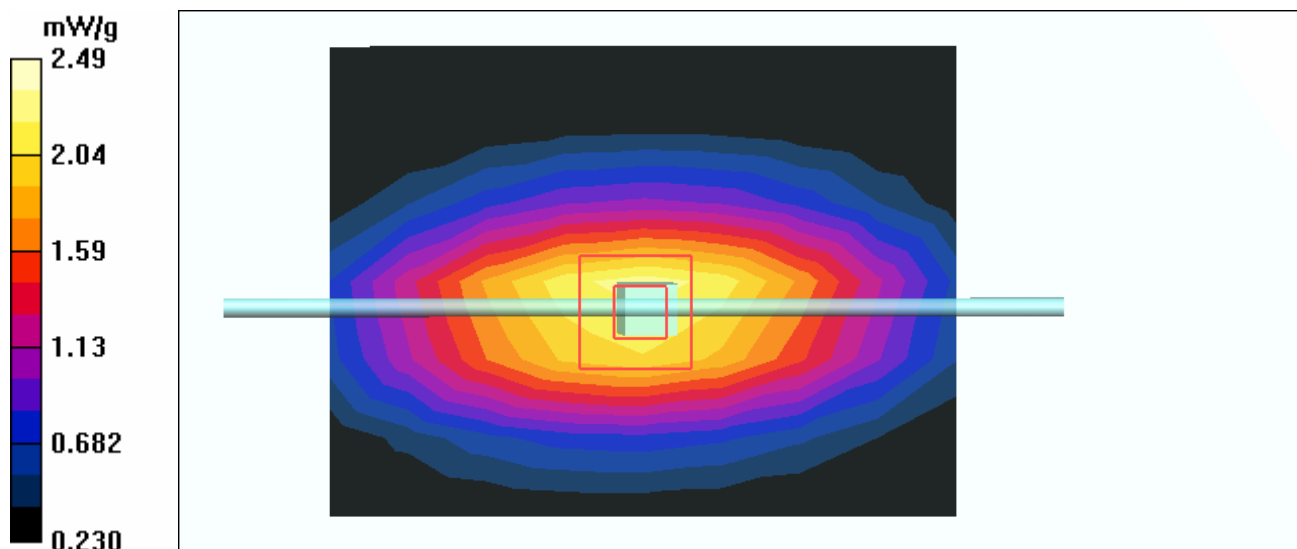
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.3 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 3.43 W/kg

**SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.5 mW/g**

Maximum value of SAR (measured) = 2.49 mW/g



Test Laboratory: Advance Data Technology

### System Validation Check-MSL 835MHz

**DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz**

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: MSL835; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.95$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 151 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(6.21, 6.21, 6.21) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**d=15mm, Pin=250mW/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 2.36 mW/g

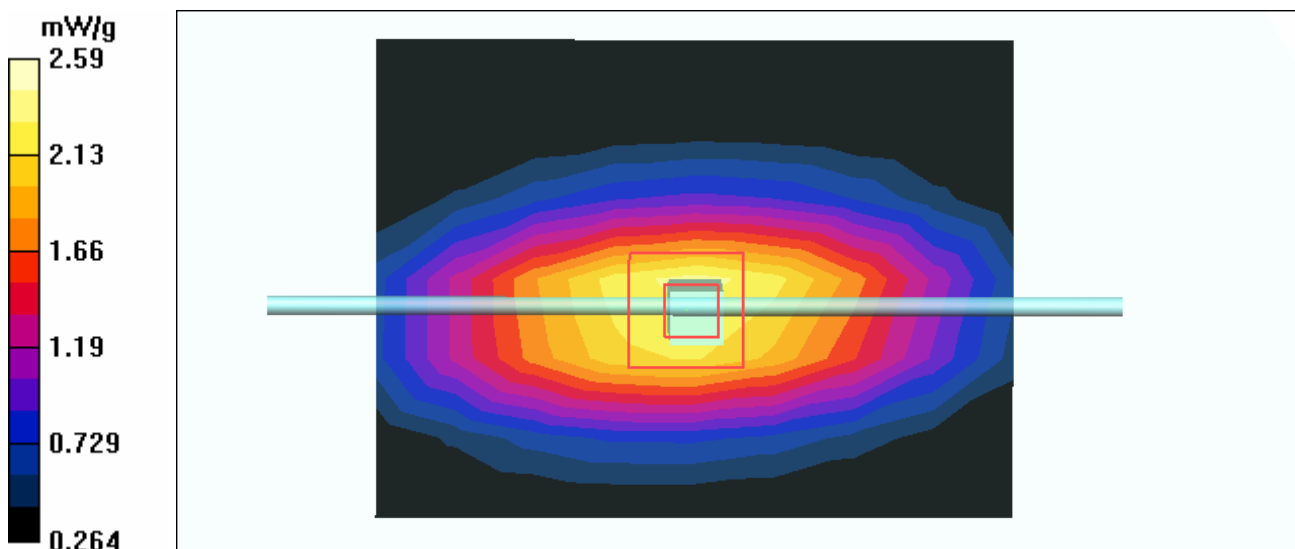
**d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.9 V/m

Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.6 mW/g**

Maximum value of SAR (measured) = 2.59 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-HSL 1900MHz

**DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d036 ; Test Frequency: 1900 MHz**

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 155 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.0 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 10.9 mW/g

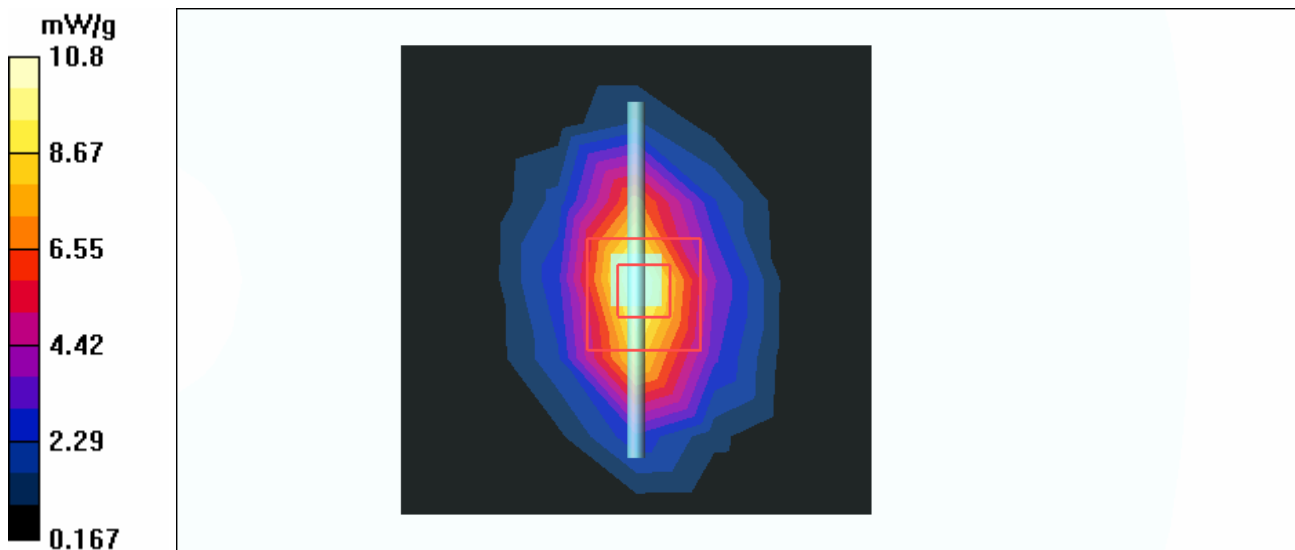
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.1 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 16.2 W/kg

**SAR(1 g) = 9.59 mW/g; SAR(10 g) = 5.11 mW/g**

Maximum value of SAR (measured) = 10.8 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-MSL 1900MHz

**DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d036 ; Test Frequency: 1900 MHz**

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: MSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.55$  mho/m;  $\epsilon_r = 53$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)  
 Air temp. : 22.2 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

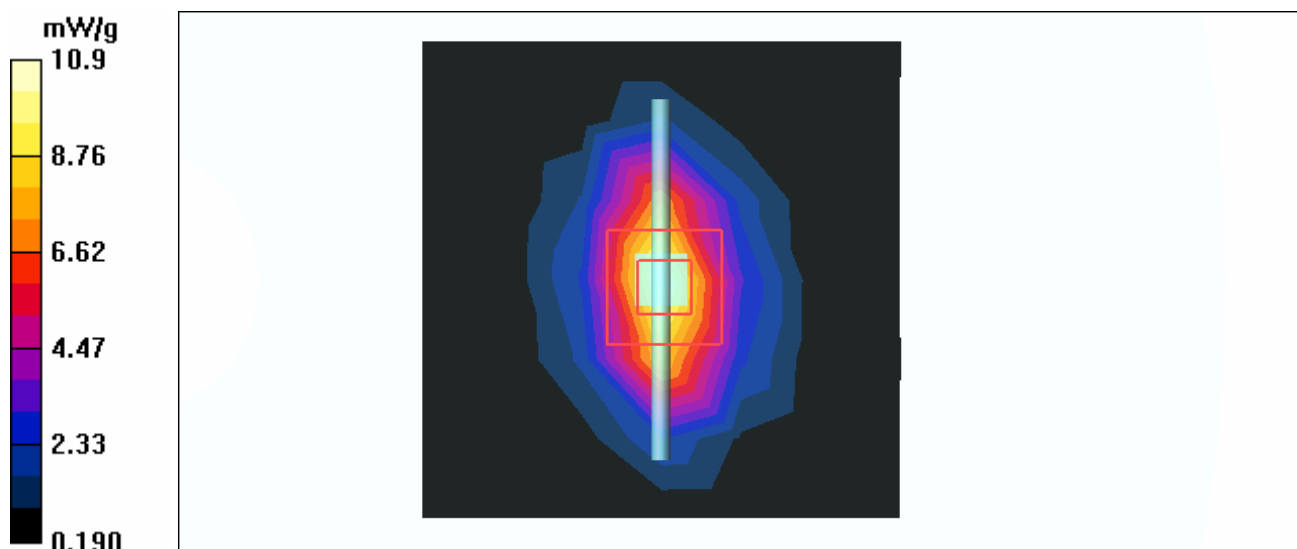
**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 10.9 mW/g

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

Reference Value = 89.9 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 9.65 mW/g; SAR(10 g) = 5.13 mW/g**





Test Laboratory: Advance Data Technology

### System Validation Check-HSL 2450MHz

**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL2450;Medium parameters used:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.86 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level : 152 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.2 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 15.3 mW/g

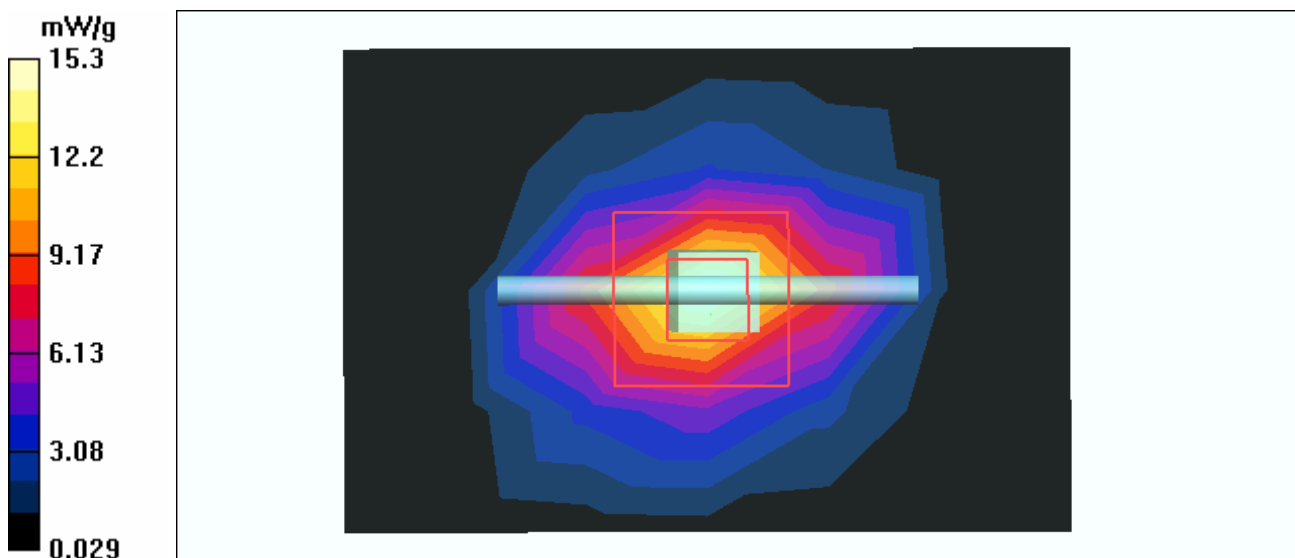
**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.7 V/m

Peak SAR (extrapolated) = 28.5 W/kg

**SAR(1 g) = 13.4 mW/g; SAR(10 g) = 6.2 mW/g**

Maximum value of SAR (measured) = 14.8 mW/g



Test Laboratory: Advance Data Technology

### System Validation Check-HSL 2450MHz

**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: HSL2450; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r = 40.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level : 151 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)  
 Air temp. : 21.8 degrees ; Liquid temp. : 20.9 degrees

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1687 ; ConvF(4.41, 4.41, 4.41) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 15.3 mW/g

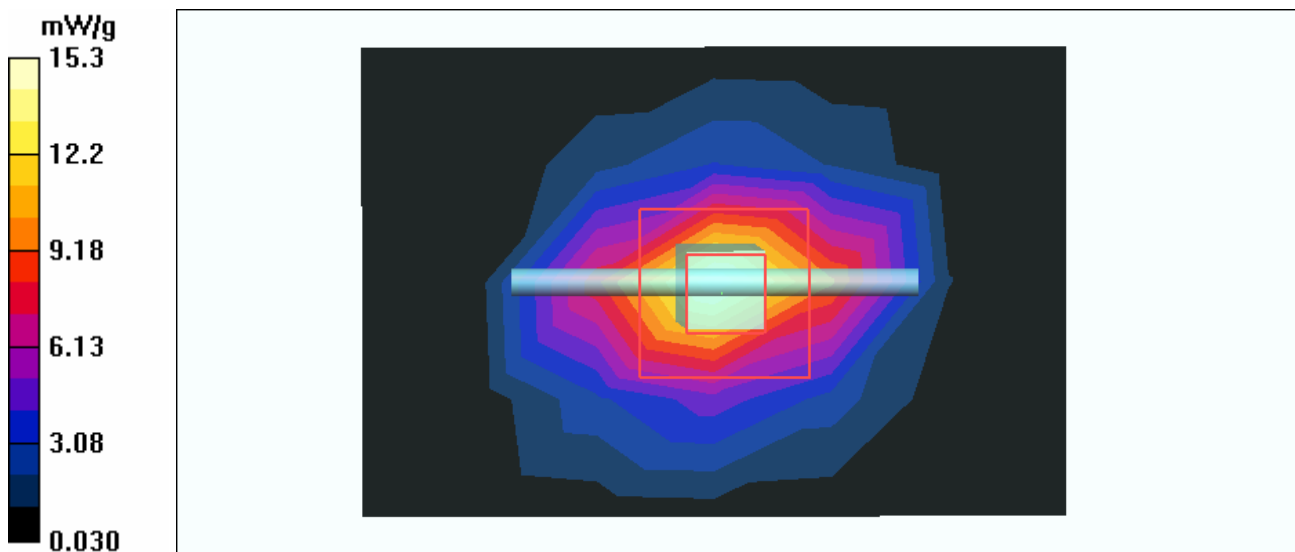
**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.1 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 28.4 W/kg

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.21 mW/g**

Maximum value of SAR (measured) = 15.2 mW/g



Test Laboratory: Advance Data Technology

## System Validation Check-MSL 2450MHz

**DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz**

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW  
 Medium: MSL2450;Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687 ; ConvF(4.13, 4.13, 4.13) ; Calibrated: 2005/9/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

**d=10mm, Pin=250mW/Area Scan (5x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 15.3 mW/g

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

Reference Value = 89.2 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 30.2 W/kg

**SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.32 mW/g**

Maximum value of SAR (measured) = 15.6 mW/g

