

**APPENDIX A: TEST DATA**

**Liquid Level Photo**

**Tissue HSL1900MHz D=155mm**



**Tissue MSL1900MHz D=152mm**



Tissue HSL2450MHz D=151mm



Tissue MSL250MHz D=150mm



Tissue HSL2450MHz D=155mm



Test Laboratory: Advance Data Technology

## Right Head-Cheek-PCS1900-CH512-Mode 1

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1850.2 MHz**

Communication System: PCS 1900 ; Frequency: 1850.2 MHz ; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 512/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.328 mW/g

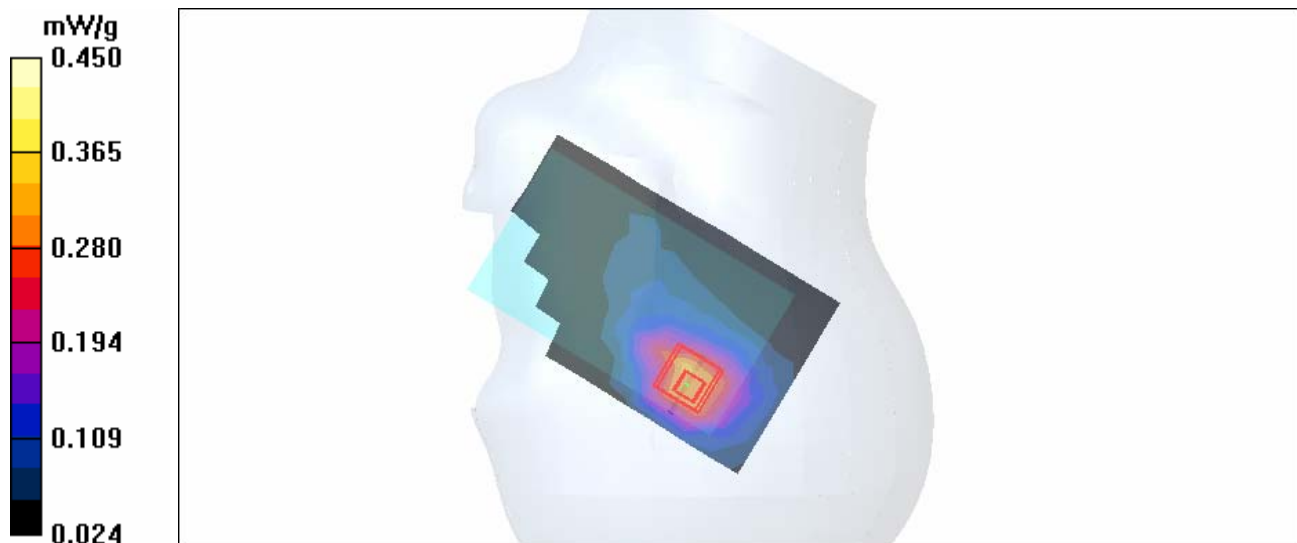
**Touch position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.0 V/m

Peak SAR (extrapolated) = 0.604 W/kg

**SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.232 mW/g**

Maximum value of SAR (measured) = 0.450 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-PCS1900-CH661-Mode 1

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1880 MHz**

Communication System: PCS 1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 661/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.358 mW/g

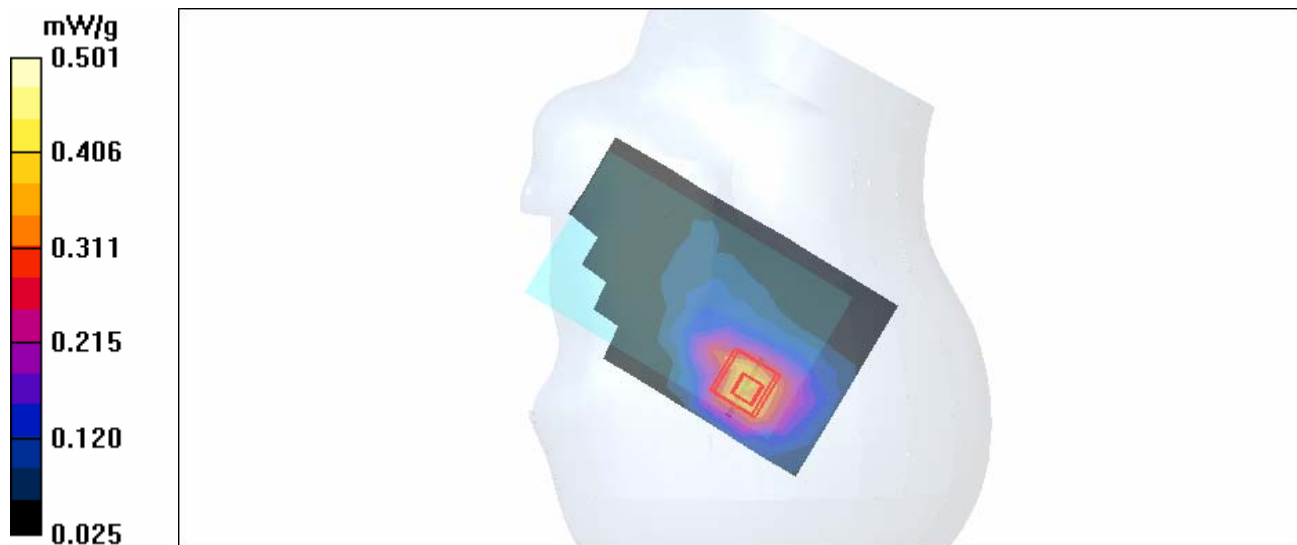
**Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.8 V/m

Peak SAR (extrapolated) = 0.676 W/kg

**SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.261 mW/g**

Maximum value of SAR (measured) = 0.501 mW/g



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### Right Head-Cheek-PCS1900-CH810-Mode 1

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**

Communication System: PCS 1900 ; Frequency: 1909.8 MHz ; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.382 mW/g

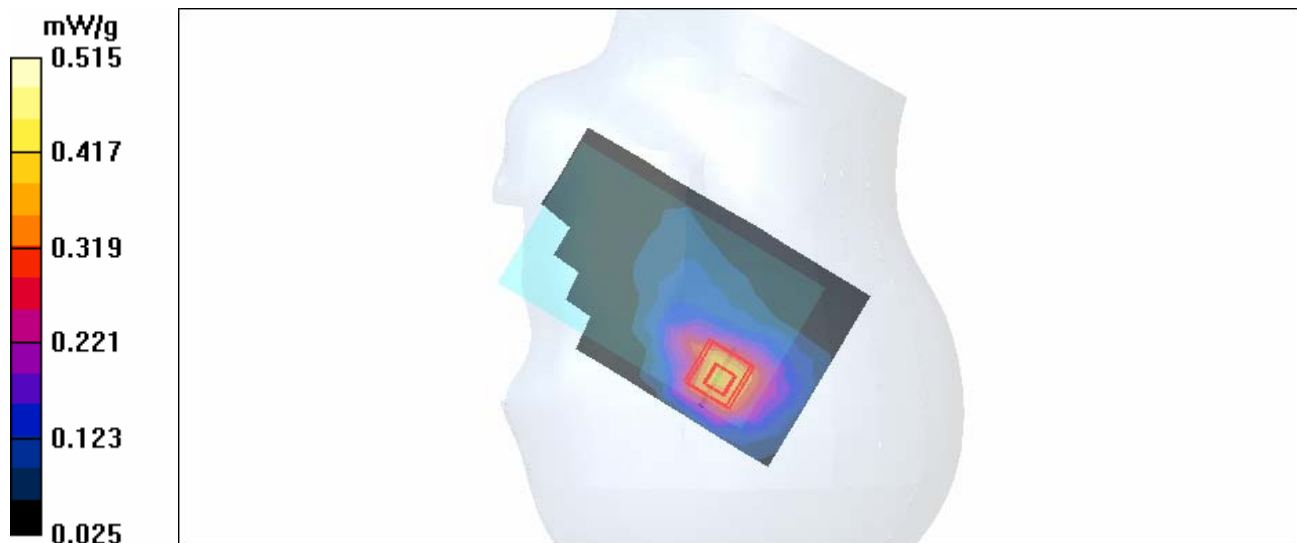
**Touch position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

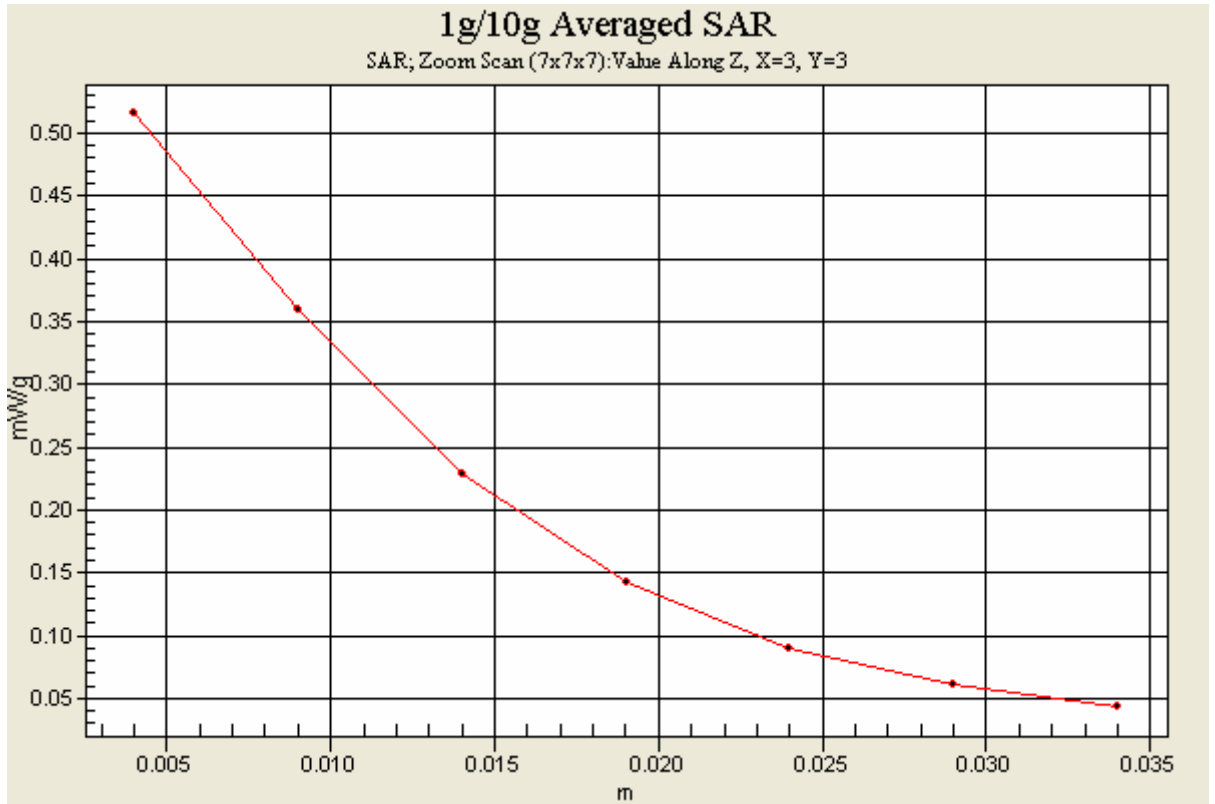
Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.699 W/kg

**SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.515 mW/g





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## Right Head-Tilt-PCS1900-CH512-Mode 2

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1850.2 MHz**

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20

- 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 512/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.320 mW/g

**Tilt position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

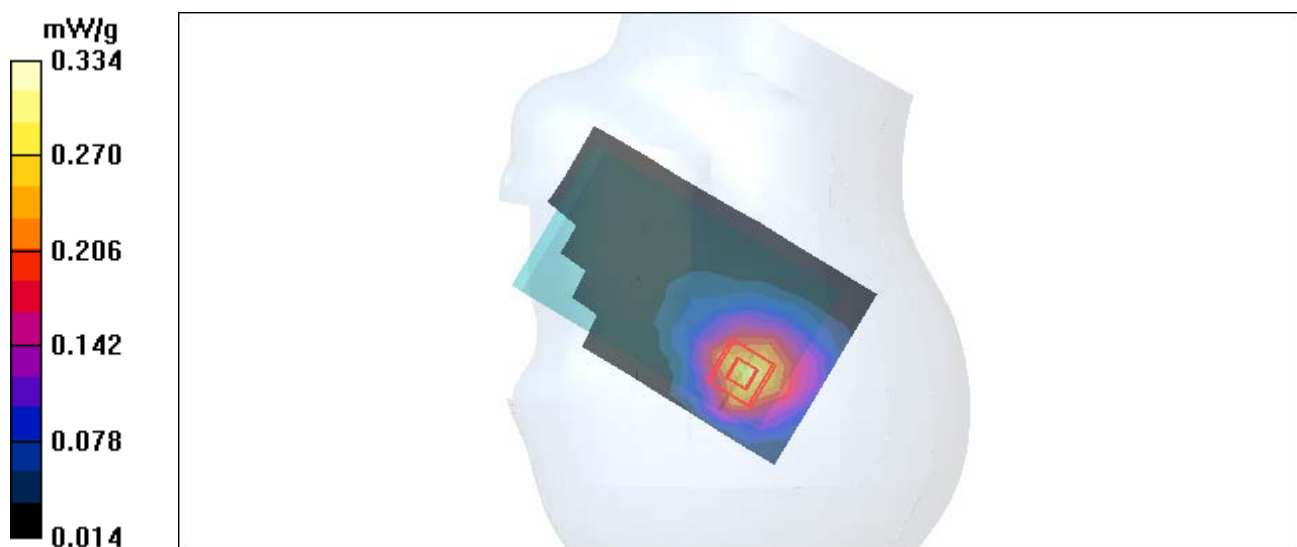
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.4 V/m

Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.177 mW/g**

Maximum value of SAR (measured) = 0.334 mW/g





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## Right Head-Tilt-PCS1900-CH661-Mode 2

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1880 MHz**

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20

- 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 661/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Tilt position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

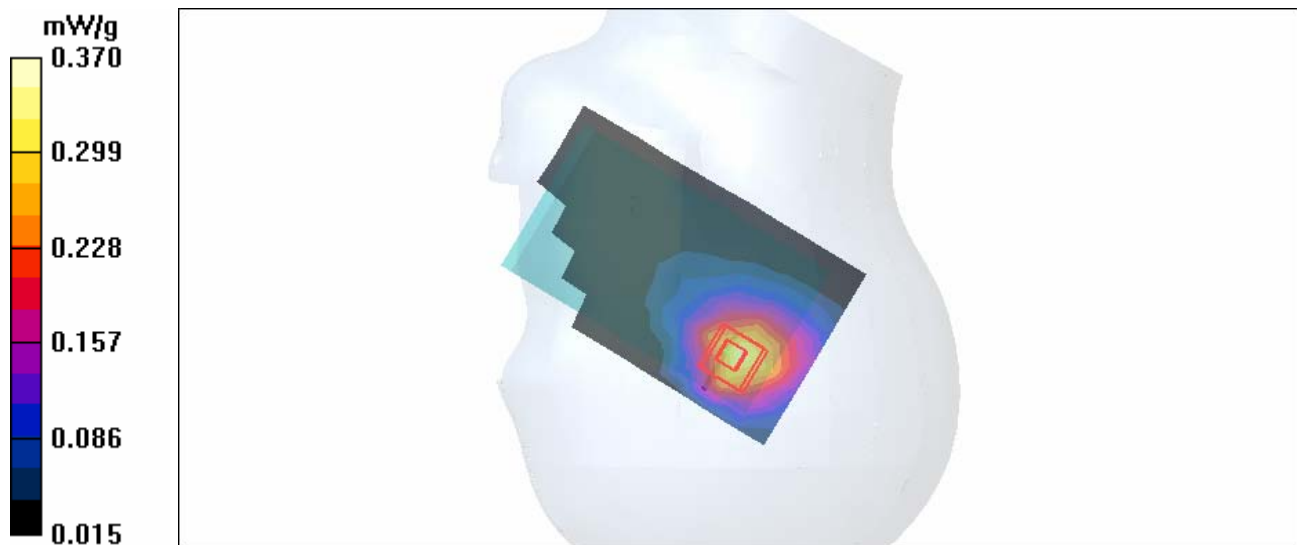
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.8 V/m

Peak SAR (extrapolated) = 0.508 W/kg

**SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.370 mW/g



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Test Laboratory: Advance Data Technology

## Right Head-Tilt-PCS1900-CH810-Mode 2

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20

- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.373 mW/g

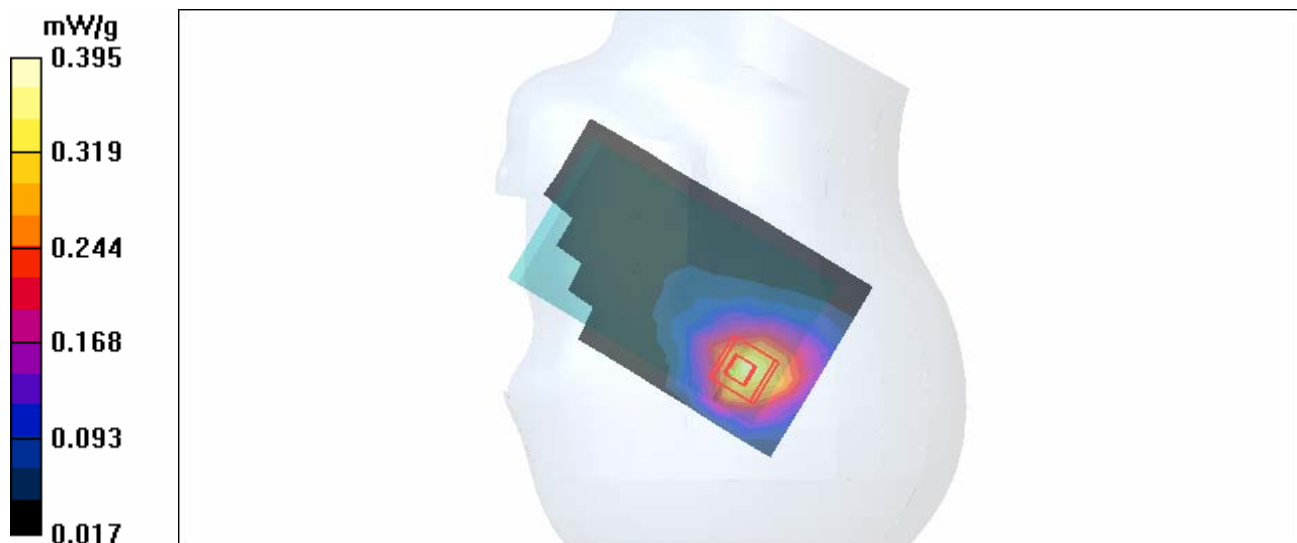
**Tilt position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.1 V/m

Peak SAR (extrapolated) = 0.548 W/kg

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.208 mW/g**

Maximum value of SAR (measured) = 0.395 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-PCS1900-CH512-Mode 3**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1850.2 MHz**

Communication System: PCS 1900 ; Frequency: 1850.2 MHz ; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 512/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.400 mW/g

**Touch position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 9.55 V/m

Peak SAR (extrapolated) = 0.514 W/kg

**SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 0.407 mW/g

**Touch position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

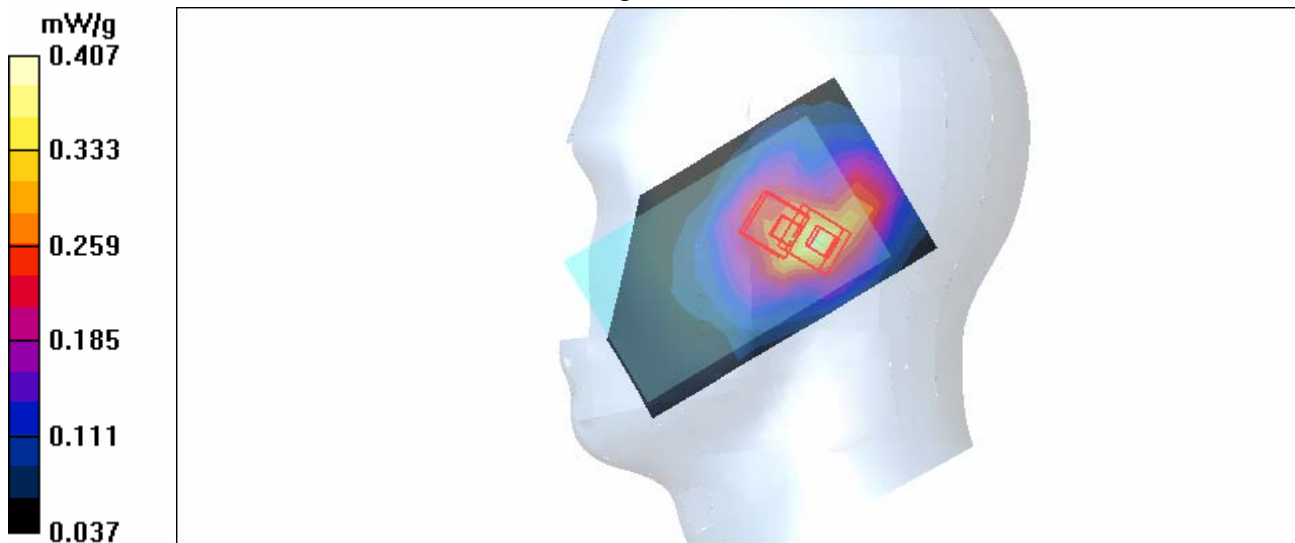
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.55 V/m

Peak SAR (extrapolated) = 0.416 W/kg

**SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.191 mW/g**

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



Test Laboratory: Advance Data Technology

### Left Head-Cheek-PCS1900-CH661-Mode 3

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1880 MHz**

Communication System: PCS 1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 661/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

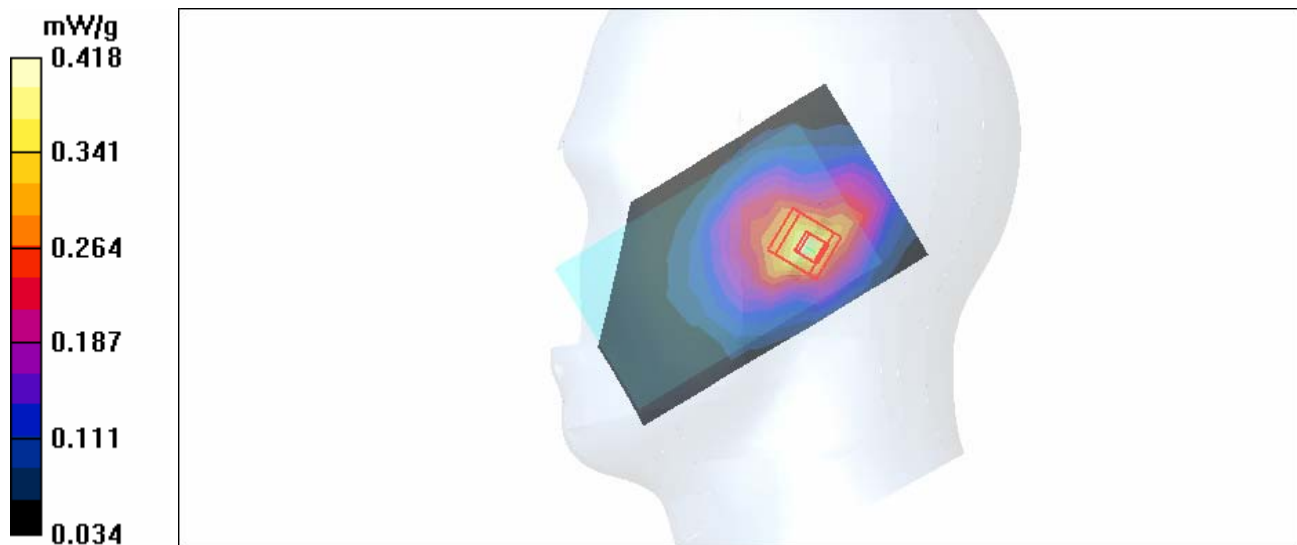
**Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m

Peak SAR (extrapolated) = 0.525 W/kg

**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.242 mW/g**

Maximum value of SAR (measured) = 0.418 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Cheek-PCS1900-CH810-Mode 3

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
 Medium: HSL1900 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GMSK  
 Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.457 mW/g

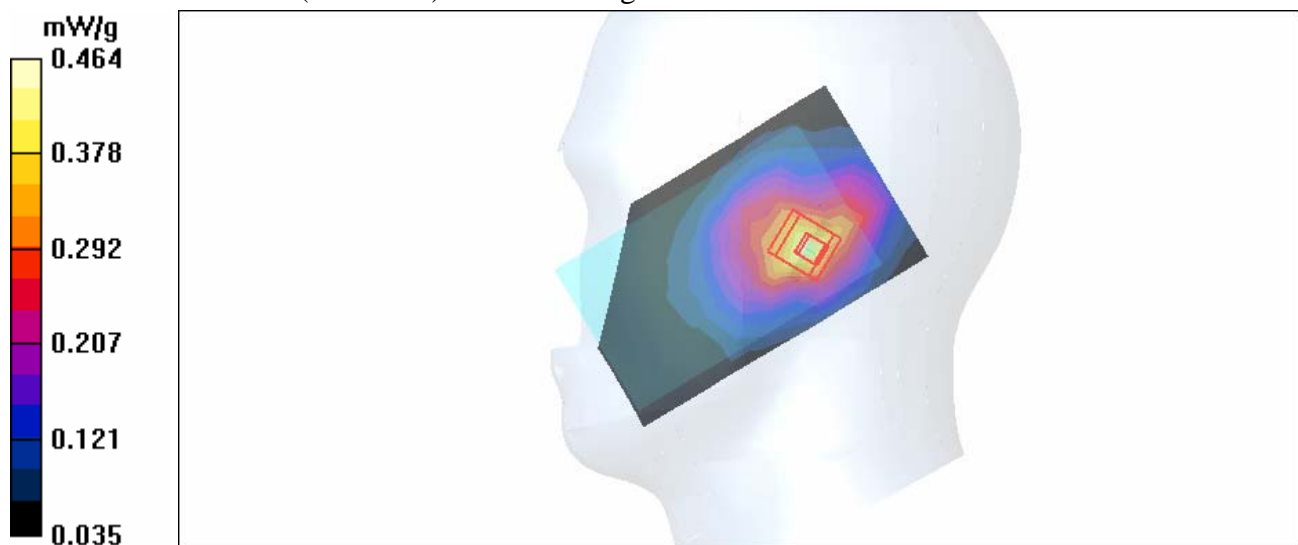
**Touch position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m

Peak SAR (extrapolated) = 0.594 W/kg

**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.270 mW/g**

Maximum value of SAR (measured) = 0.464 mW/g



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**Left Head-Tilt-PCS1900-CH512-Mode 4**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1850.2 MHz**

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.36 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 512/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.252 mW/g

**Tilt position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 12.2 V/m

Peak SAR (extrapolated) = 0.376 W/kg

**SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.281 mW/g

**Tilt position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

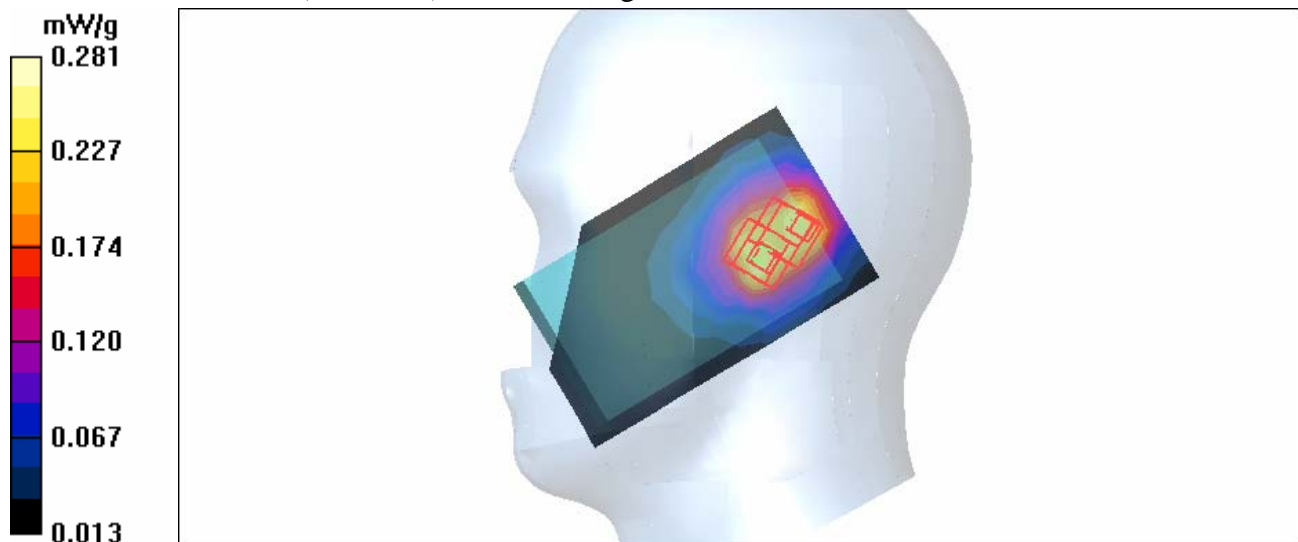
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.2 V/m

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.149 mW/g**

Maximum value of SAR (measured) = 0.273 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-PCS1900-CH661-Mode 4**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1880 MHz**

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 661/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.282 mW/g

**Tilt position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 13.1 V/m

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.165 mW/g**

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

**Tilt position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

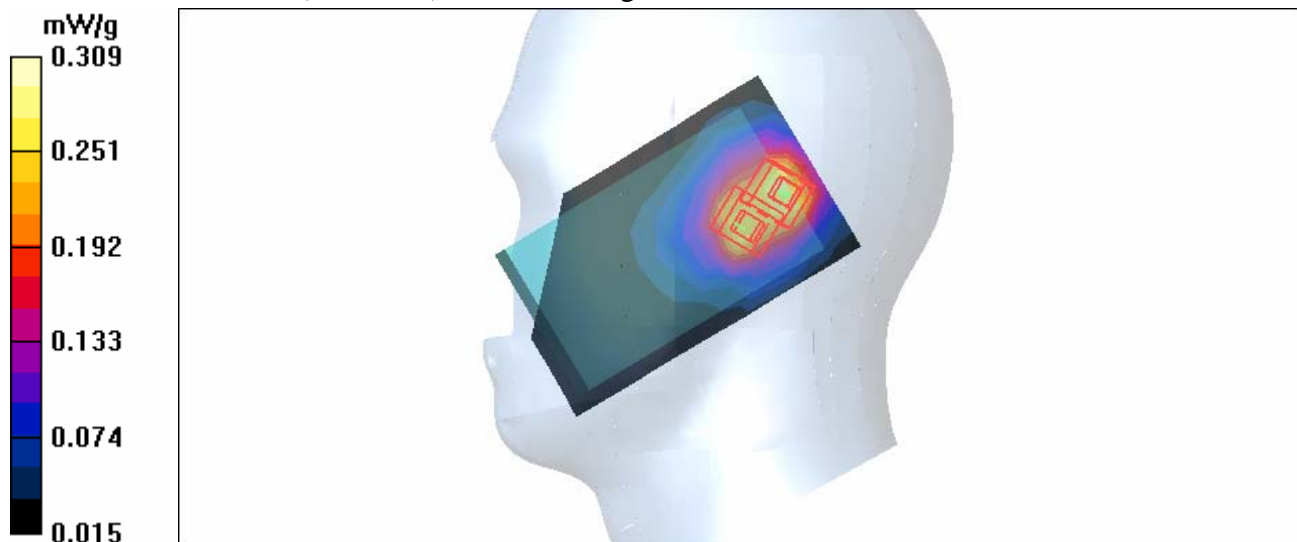
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 13.1 V/m

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.162 mW/g**

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



Test Laboratory: Advance Data Technology

**Left Head-Tilt-PCS1900-CH810-Mode 4**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL1900 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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 810/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.312 mW/g

**Tilt position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.487 W/kg

**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 0.333 mW/g

**Tilt position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

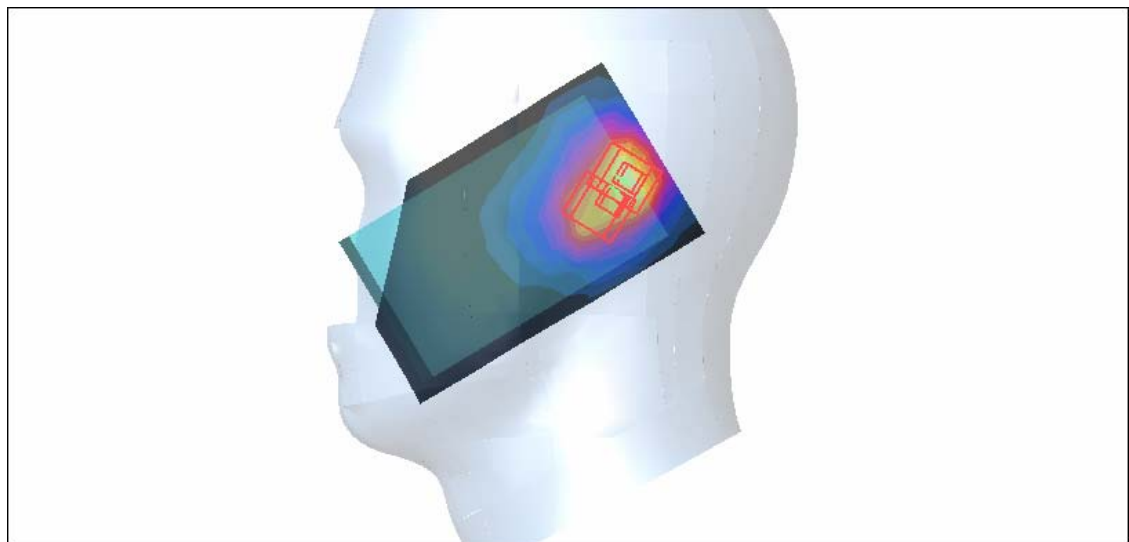
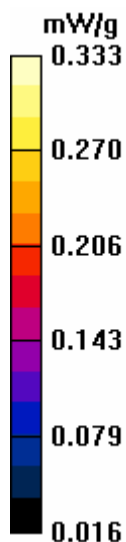
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.455 W/kg

**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.160 mW/g**

Maximum value of SAR (measured) = 0.298 mW/g





Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-GPRS1900-CH512-Mode 5

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1850.2 MHz**

Communication System: PCS 1900 ; Frequency: 1850.2 MHz ; Duty Cycle: 1:4

Medium: MSL1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.46$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots  
Separation Distance : 15 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: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20

- 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 512/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.326 mW/g

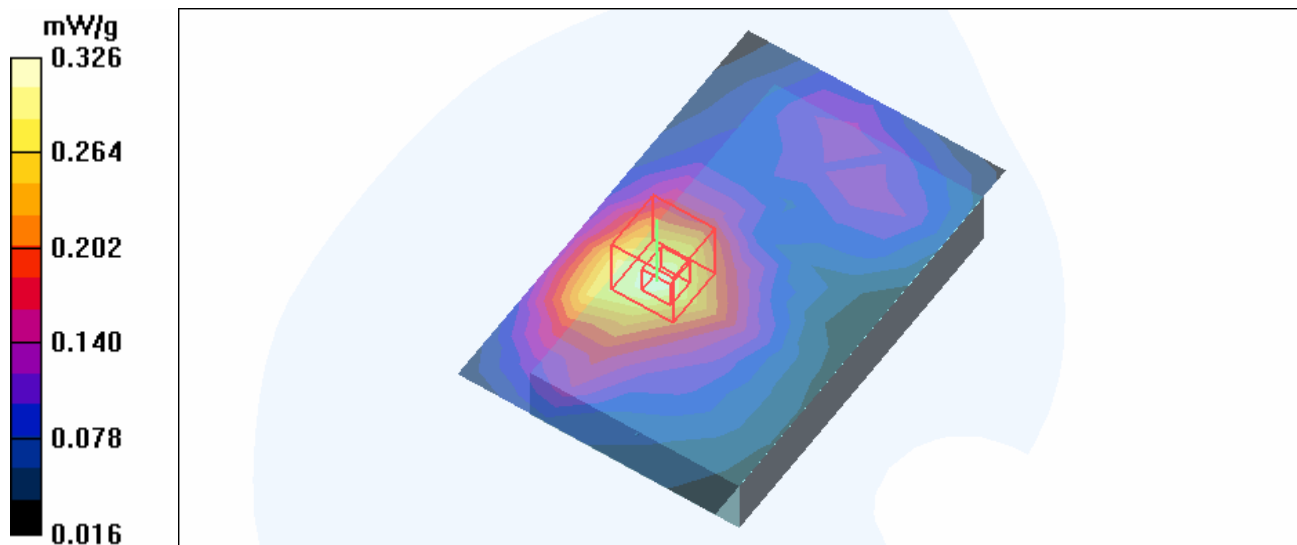
**Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.543 W/kg

**SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.325 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-GPRS1900-CH661-Mode 5

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1880 MHz**

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

Medium: MSL1900 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots  
Separation Distance : 15 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: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20

- 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 661/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

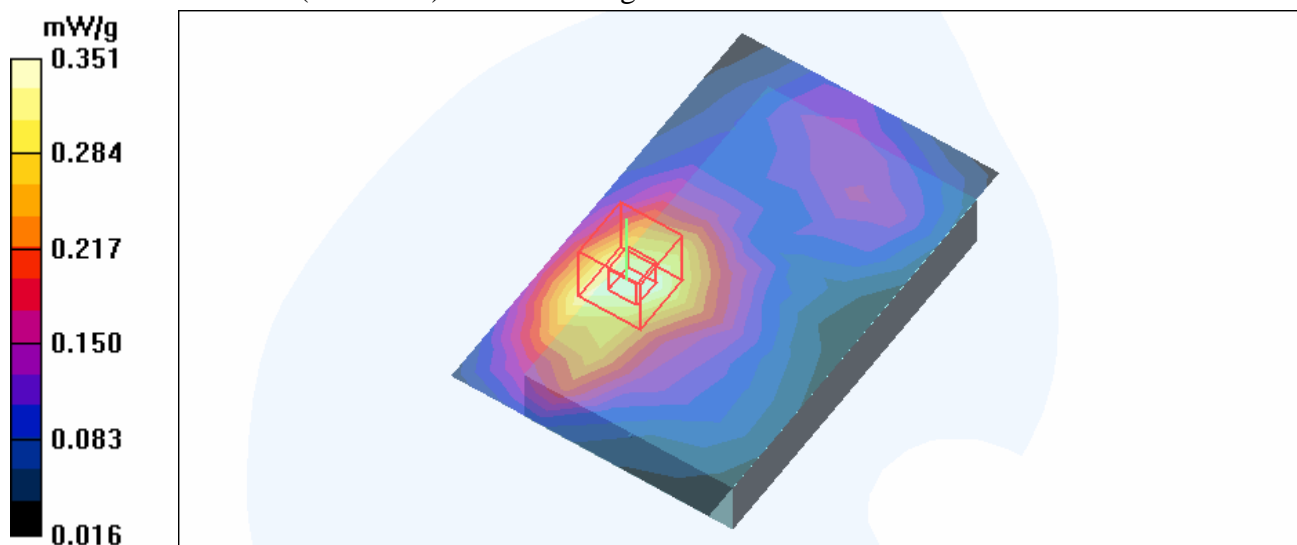
**Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.207 mW/g**

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



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-GPRS1900-CH810-Mode 5

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**

Communication System: PCS 1900 ; Frequency: 1909.8 MHz ; Duty Cycle: 1:4

Medium: MSL1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots  
Separation Distance : 15 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: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20

- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.329 mW/g

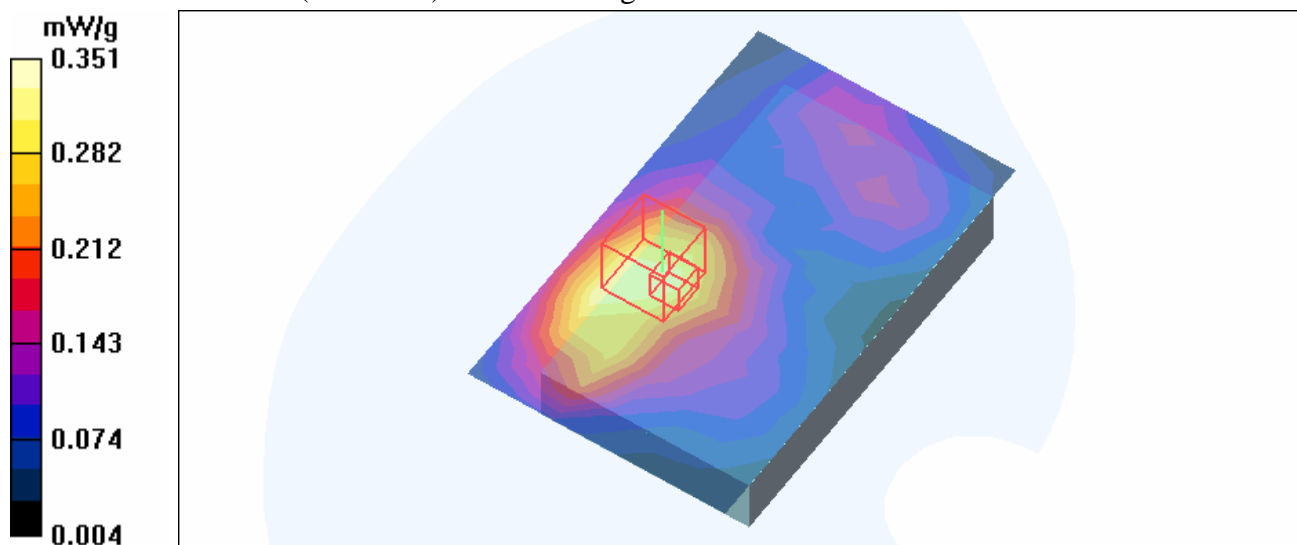
**High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

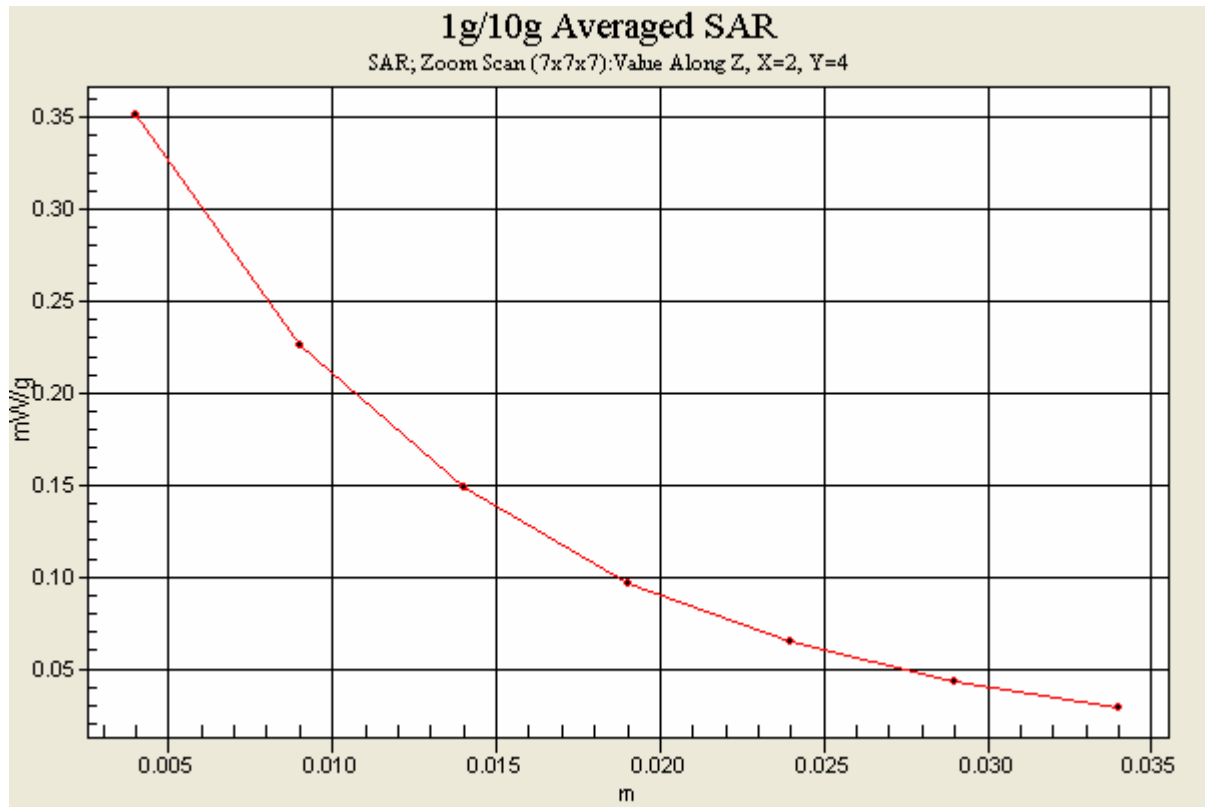
Reference Value = 11.2 V/m

Peak SAR (extrapolated) = 0.756 W/kg

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.214 mW/g**

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





Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Up-GPRS1900-CH810-Mode 6

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**

Communication System: PCS 1900 ; Frequency: 1909.8 MHz ; Duty Cycle: 1:4

Medium: MSL1900 Medium parameters used:  $f = 1909.8$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots  
Separation Distance : 15 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: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20

- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.280 mW/g

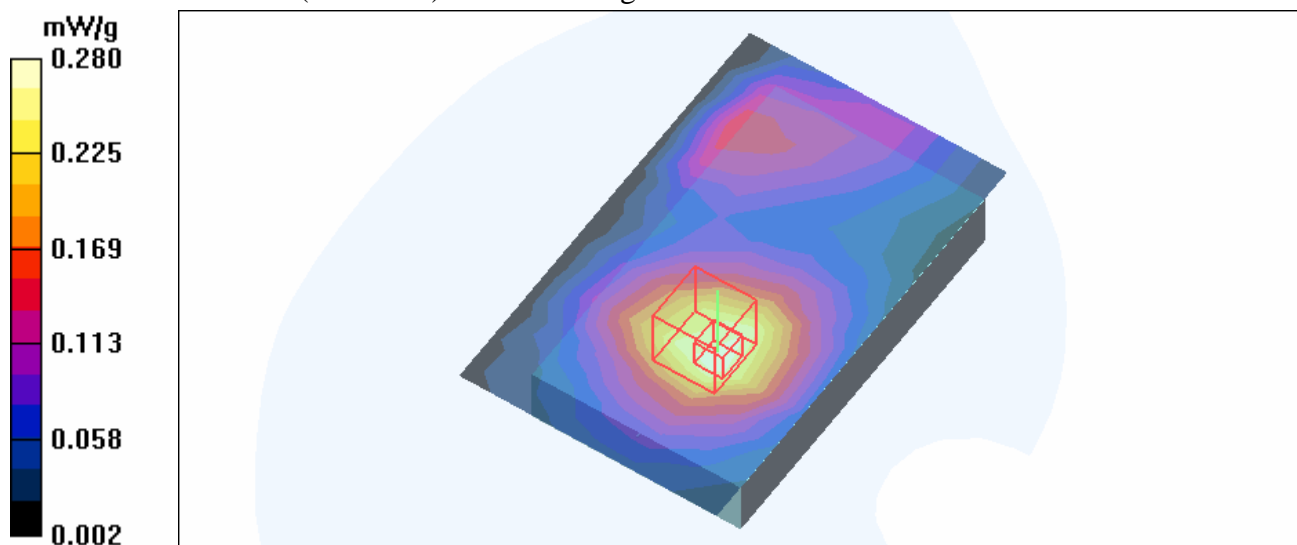
**High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m

Peak SAR (extrapolated) = 0.457 W/kg

**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.172 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-11b-CH1-Mode 7**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.040 mW/g

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

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

Reference Value = 1.41 V/m

Peak SAR (extrapolated) = 0.097 W/kg

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.027 mW/g**

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

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

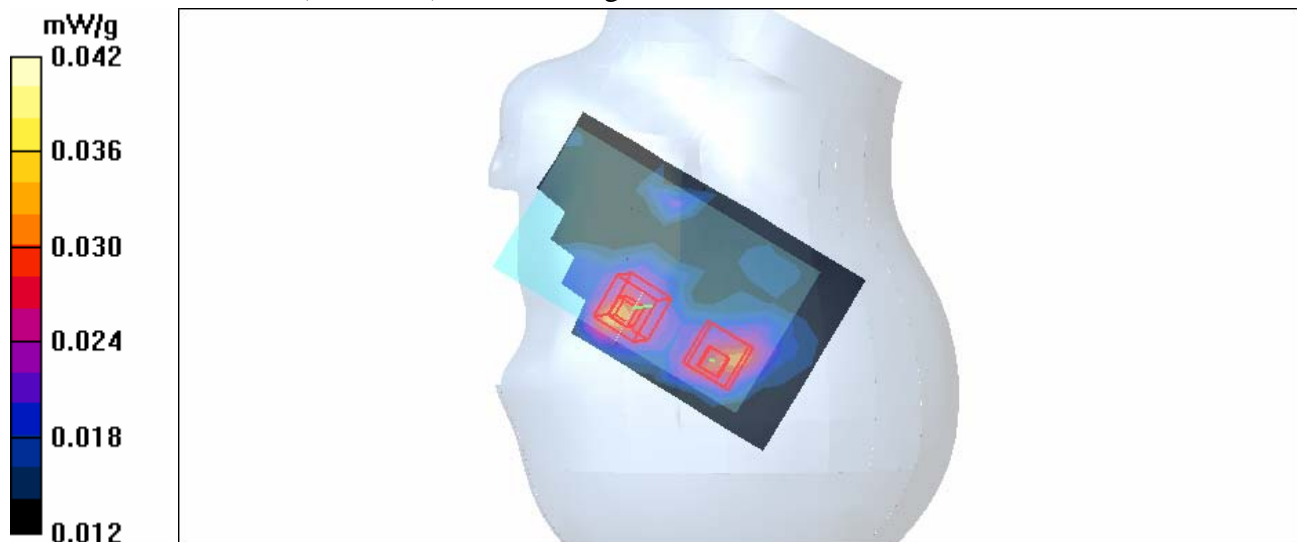
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.41 V/m

Peak SAR (extrapolated) = 0.088 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.04 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Cheek-11b-CH6-Mode 7**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.82 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.042 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 = 1.65 V/m

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.029 mW/g**

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

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

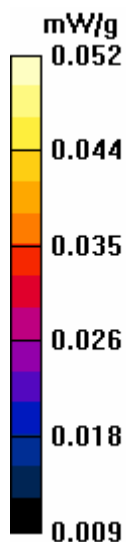
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

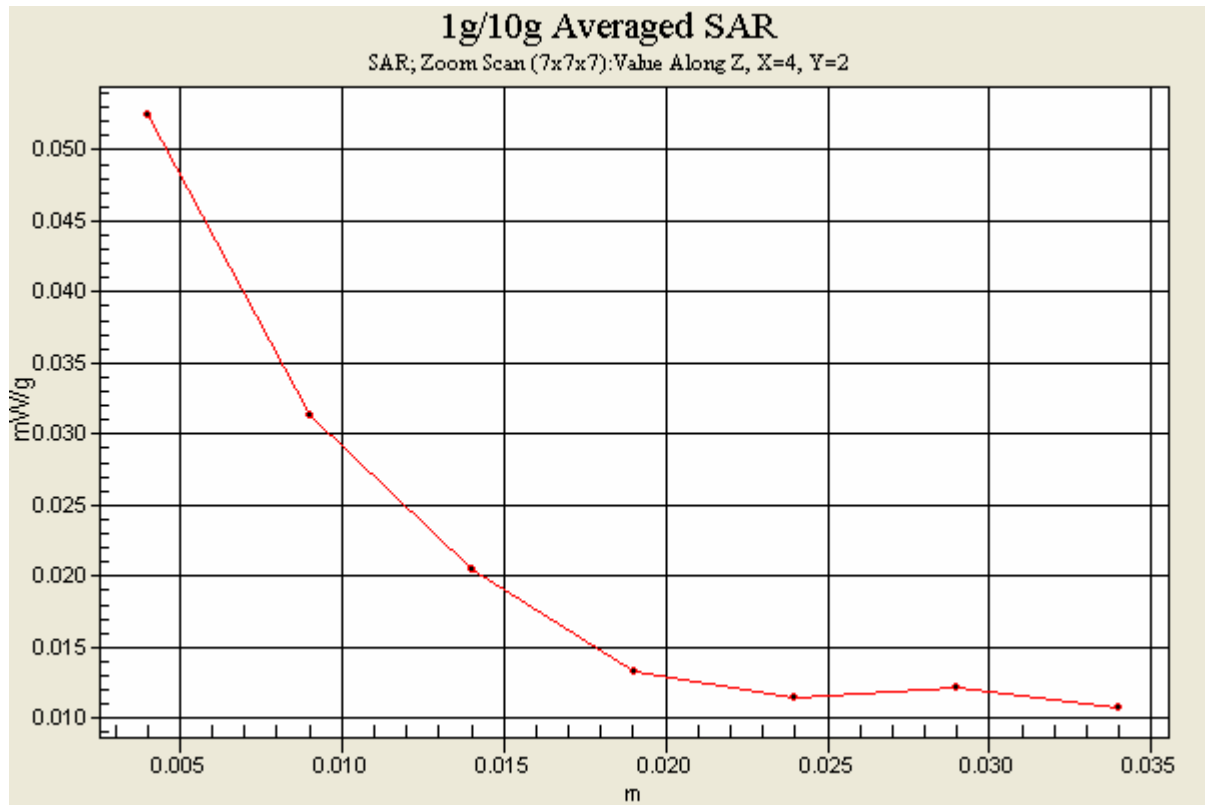
Reference Value = 1.65 V/m

Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.023 mW/g**

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







Test Laboratory: Advance Data Technology

**Right Head-Cheek-11b-CH11-Mode 7**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.040 mW/g

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

Reference Value = 1.78 V/m

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.026 mW/g**

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

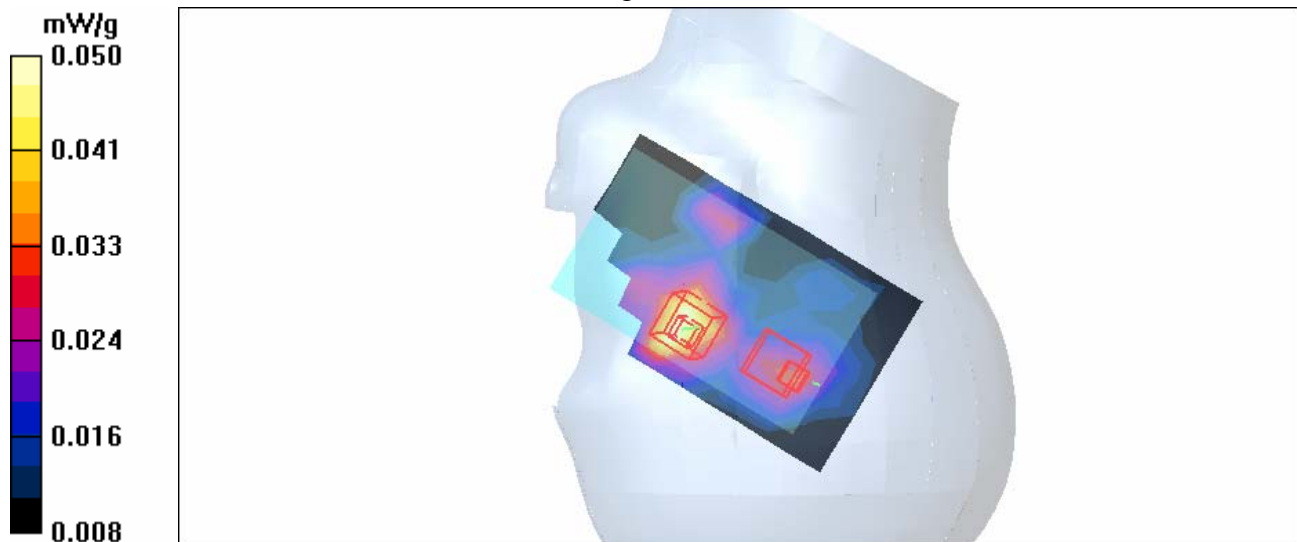
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.78 V/m

Peak SAR (extrapolated) = 0.093 W/kg

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

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



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11b-CH1-Mode 8

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

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

Reference Value = 2.77 V/m

Peak SAR (extrapolated) = 0.040 W/kg

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.011 mW/g**

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



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11b-CH6-Mode 8

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.026 mW/g

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

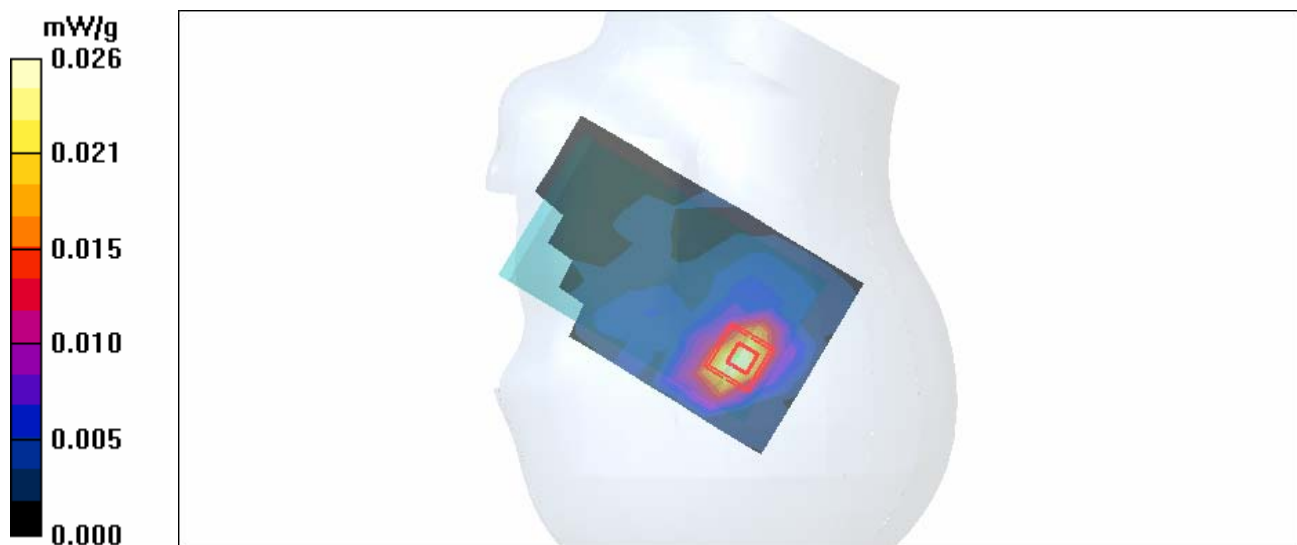
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.98 V/m

Peak SAR (extrapolated) = 0.046 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g**

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



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11b-CH11-Mode 8

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

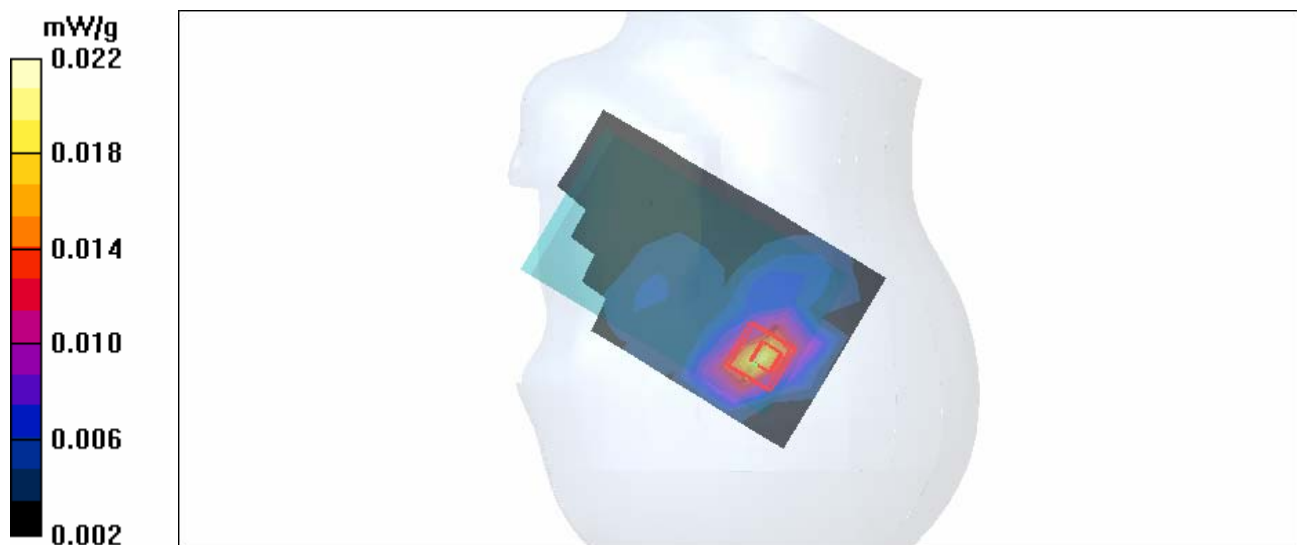
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.02 V/m

Peak SAR (extrapolated) = 0.045 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.011 mW/g**

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



Test Laboratory: Advance Data Technology

## Left Head-Cheek-11b-CH1-Mode 9

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.034 mW/g

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

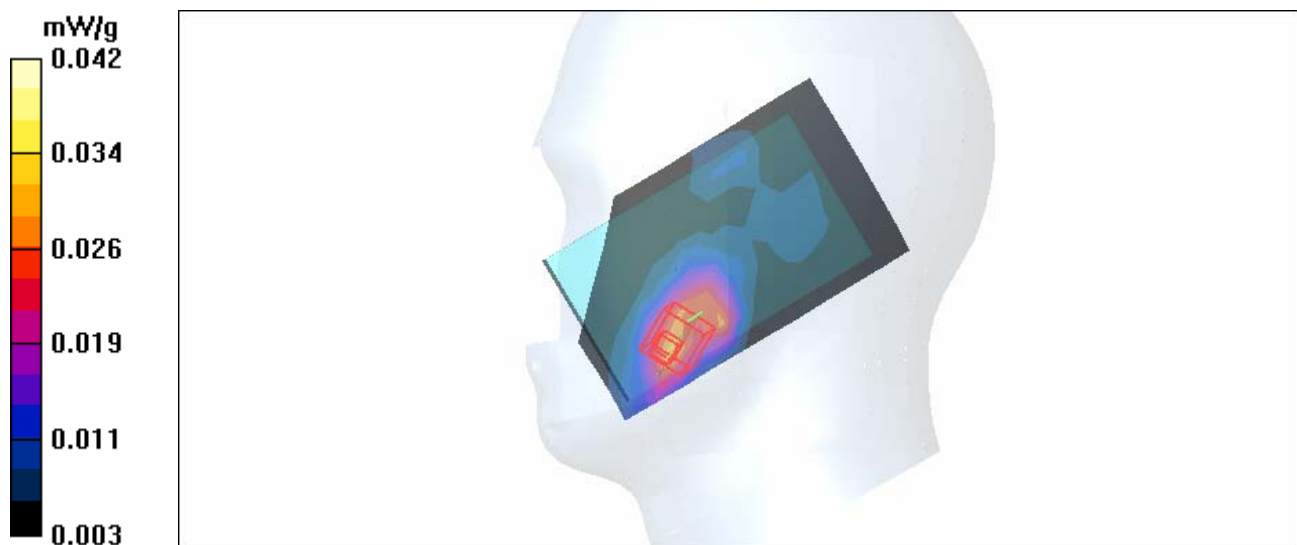
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.61 V/m

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.022 mW/g**

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



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11b-CH6-Mode 9**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.82 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.040 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 = 1.92 V/m

Peak SAR (extrapolated) = 0.078 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.045 mW/g

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

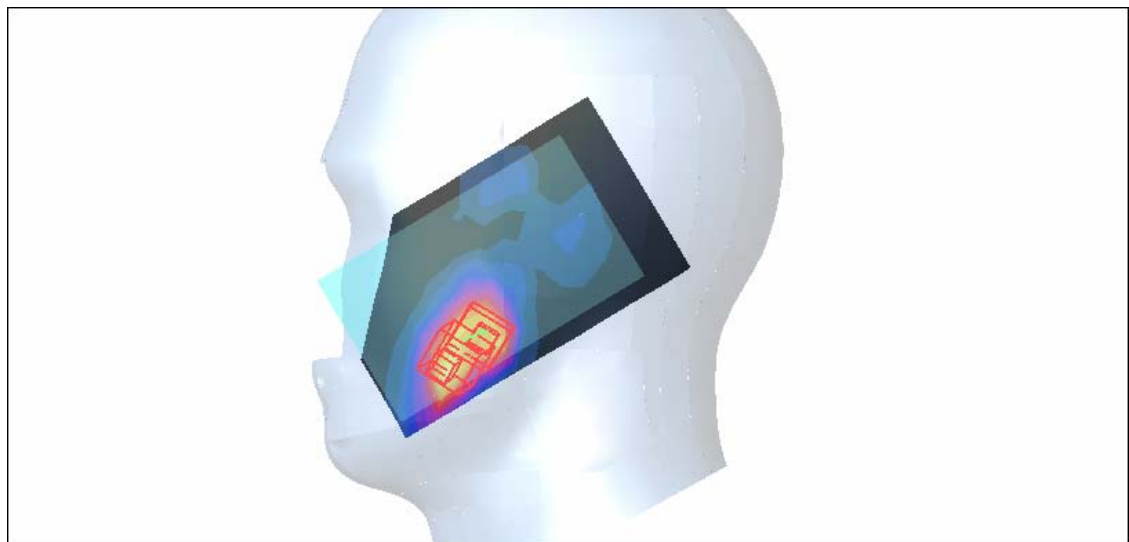
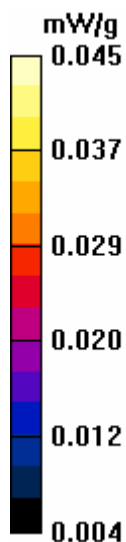
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.92 V/m

Peak SAR (extrapolated) = 0.076 W/kg

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.021 mW/g**

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



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11b-CH11-Mode 9**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.037 mW/g

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

Reference Value = 2.05 V/m

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.023 mW/g**

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

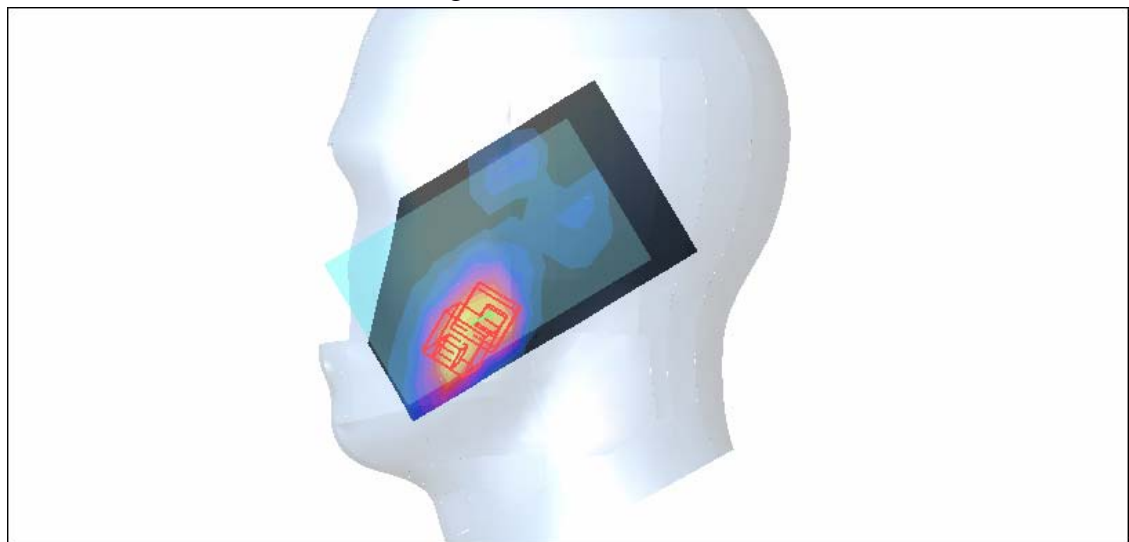
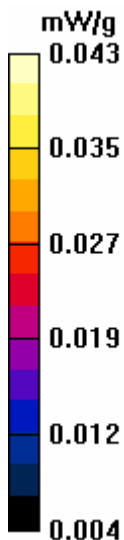
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.05 V/m

Peak SAR (extrapolated) = 0.077 W/kg

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.021 mW/g**

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



Test Laboratory: Advance Data Technology

### Left Head-Tilt-11b-CH1-Mode 10

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

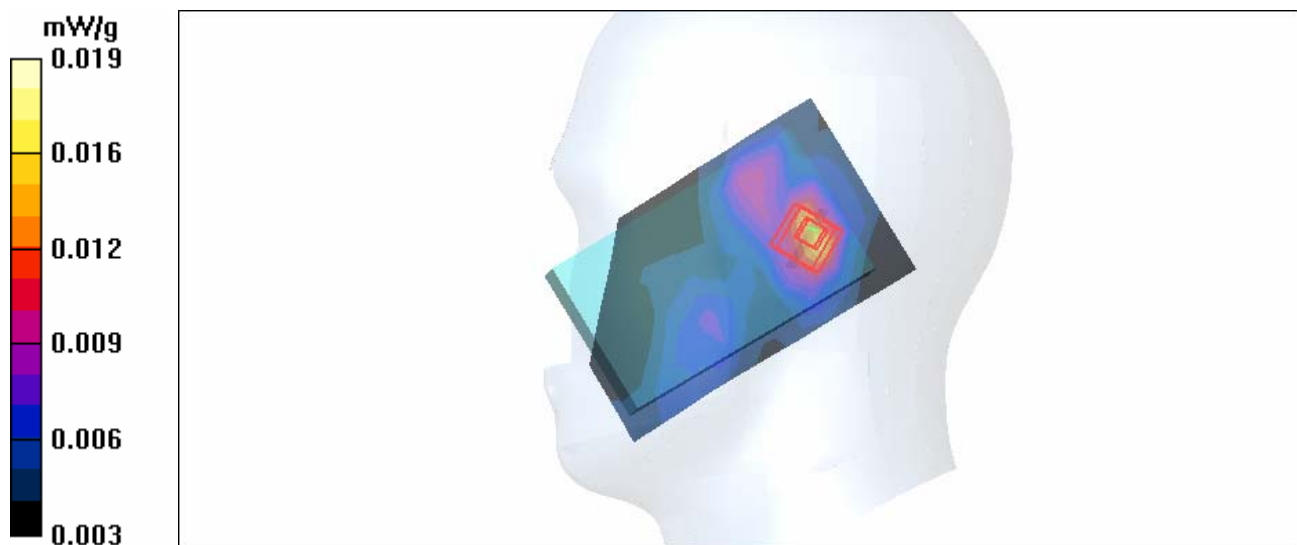
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.98 V/m

Peak SAR (extrapolated) = 0.034 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.0010 mW/g**

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





Test Laboratory: Advance Data Technology

## Left Head-Tilt-11b-CH6-Mode 10

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

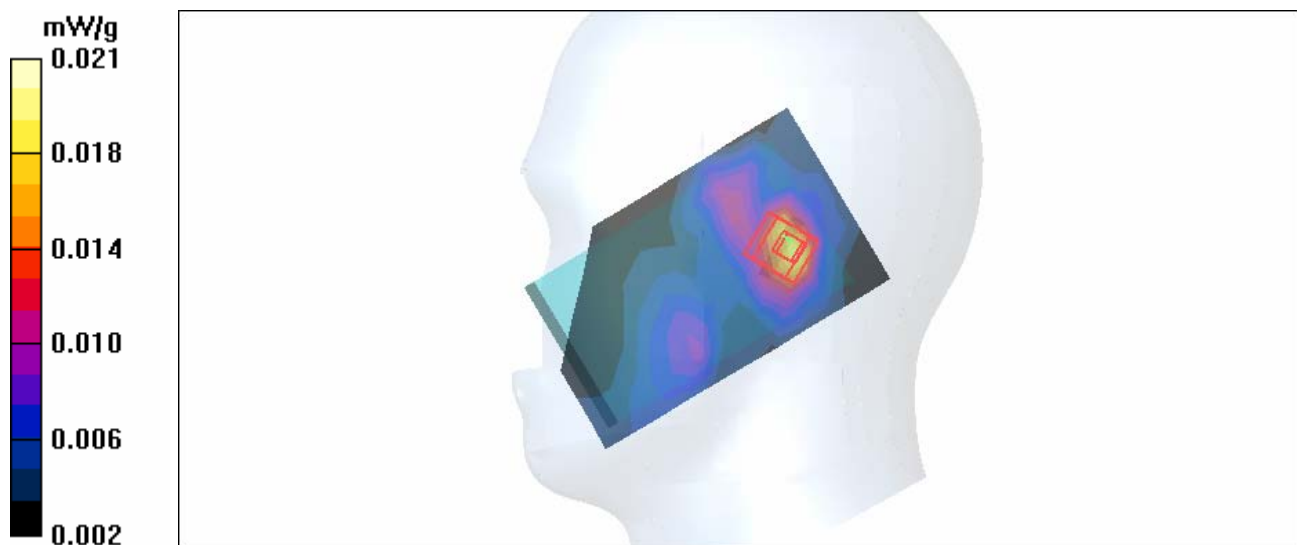
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.33 V/m

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.013 mW/g**

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



Test Laboratory: Advance Data Technology

### Left Head-Tilt-11b-CH11-Mode 10

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.017 mW/g

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

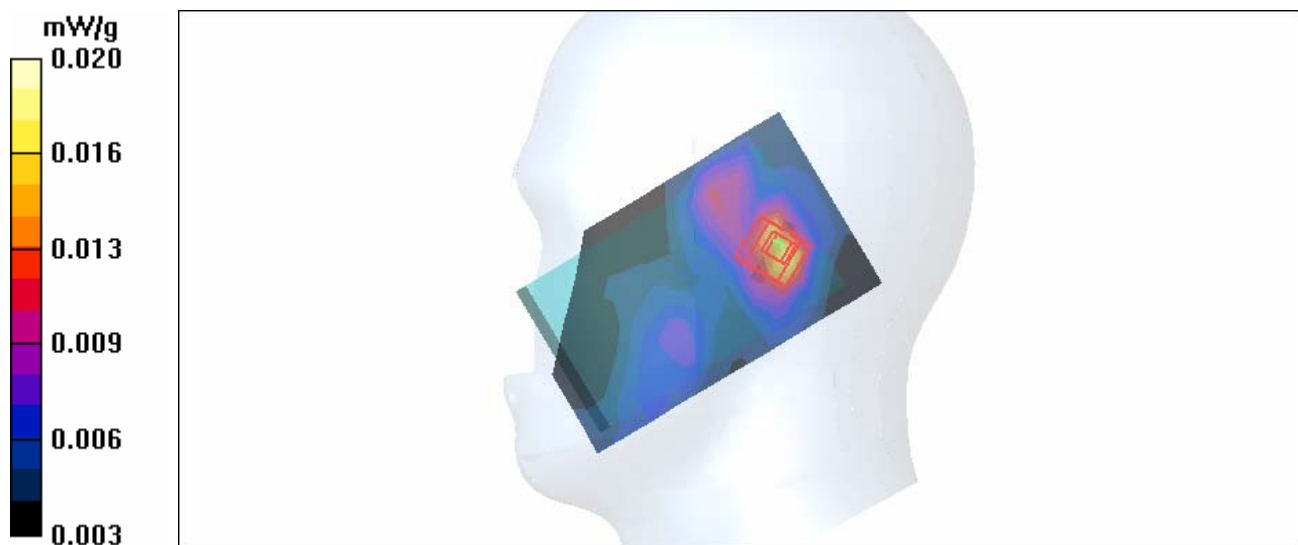
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.40 V/m

Peak SAR (extrapolated) = 0.037 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.011 mW/g**

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



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-11B-CH1-Mode 11

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.94 \text{ mho/m}$ ;  $\epsilon_r = 50.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.034 mW/g

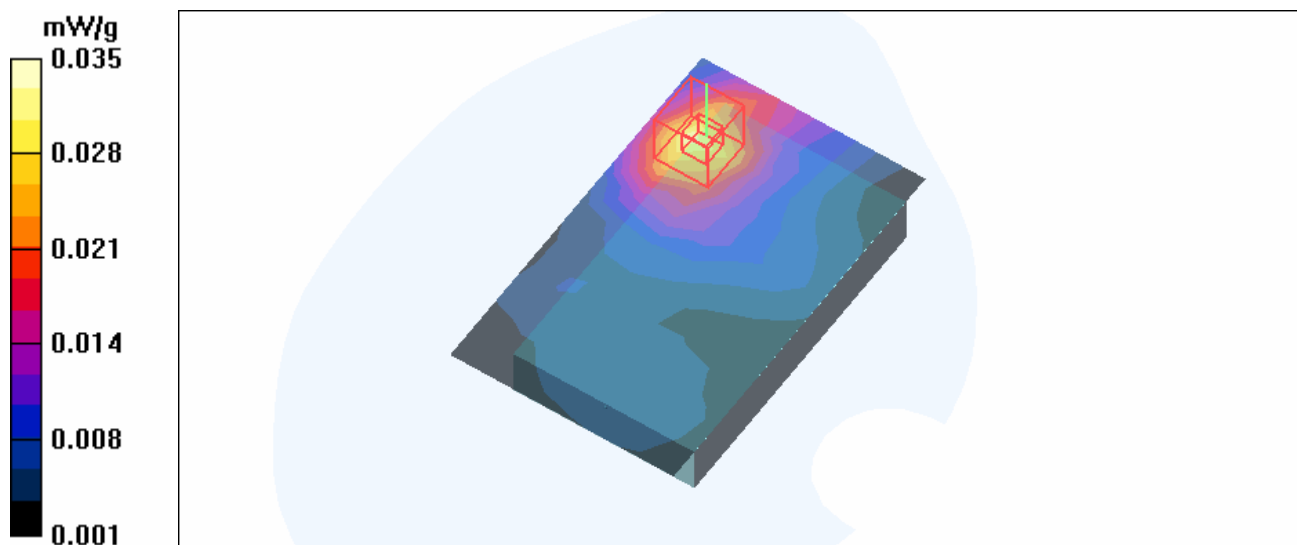
**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.43 V/m

Peak SAR (extrapolated) = 0.065 W/kg

**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.035 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-11B-CH6-Mode 11

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

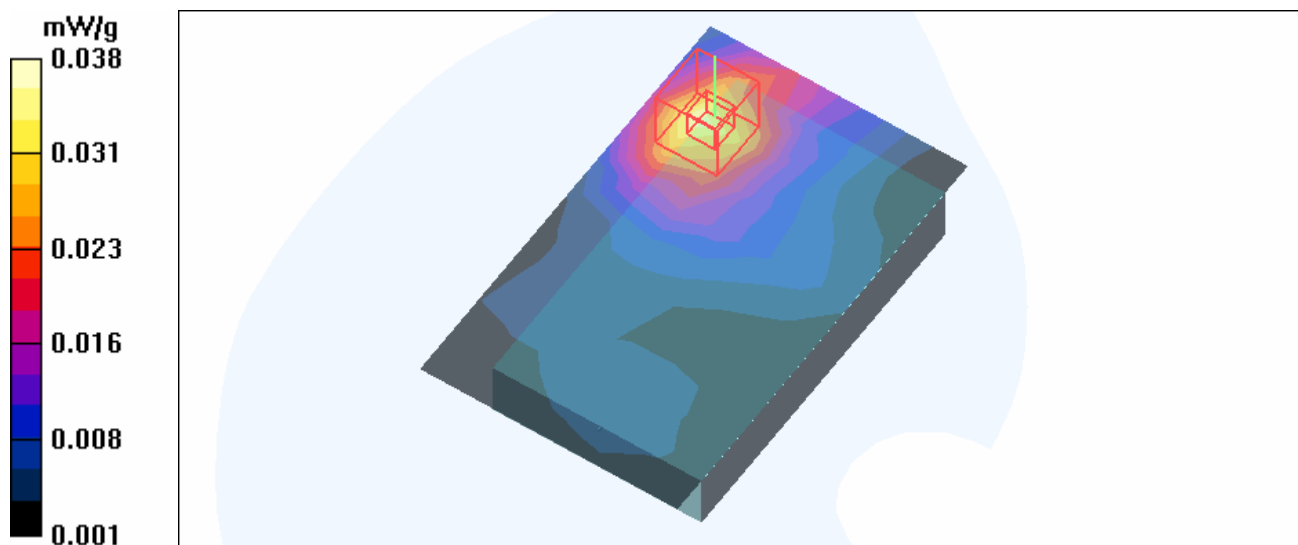
Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 50.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

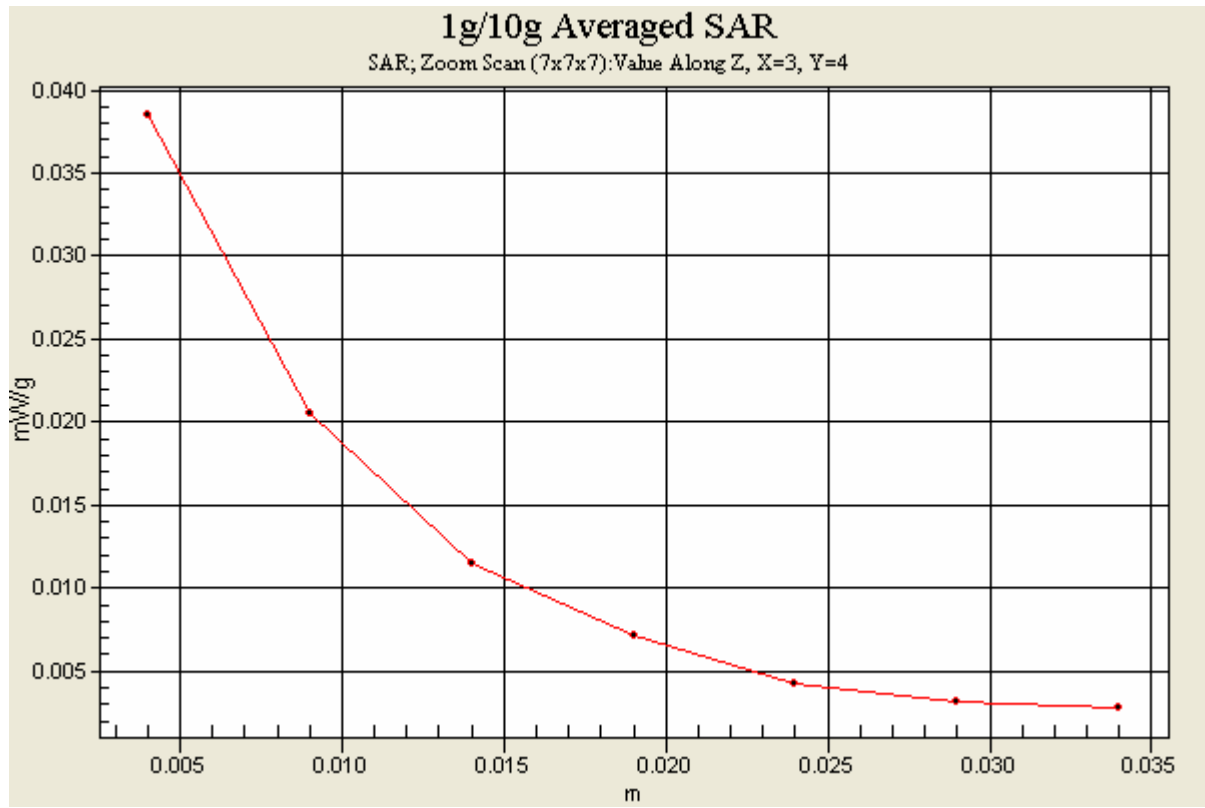
DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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) = 0.037 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.26 V/m  
 Peak SAR (extrapolated) = 0.071 W/kg  
**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g**  
 Maximum value of SAR (measured) = 0.038 mW/g





Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-11B-CH11-Mode 11

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK  
Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm  
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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) = 0.033 mW/g

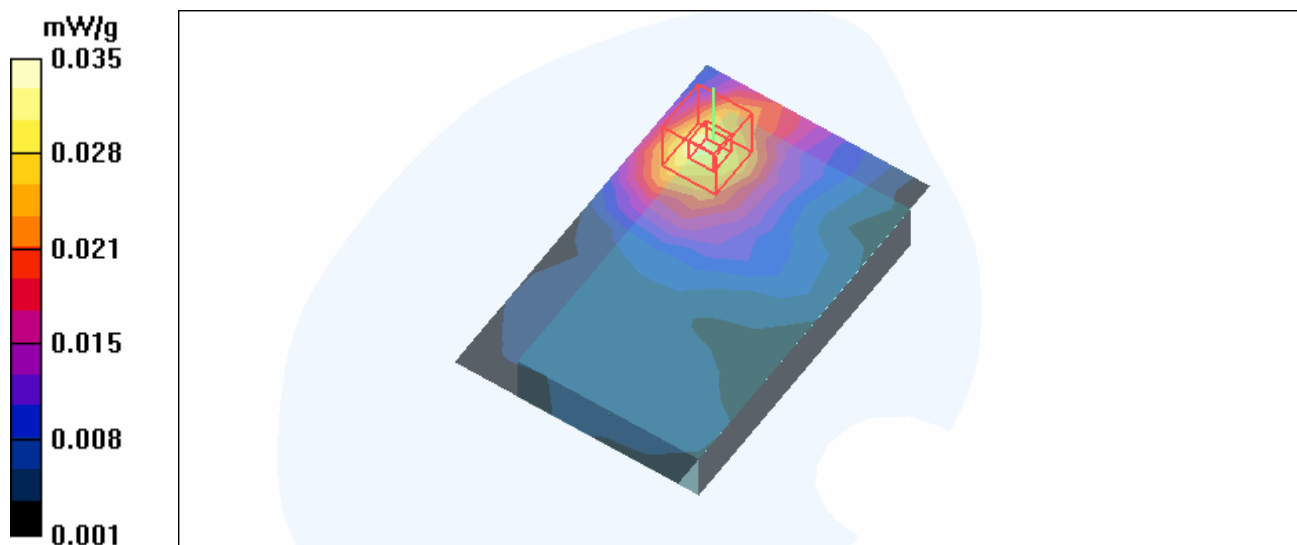
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.34 V/m

Peak SAR (extrapolated) = 0.067 W/kg

**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.035 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Up-11B-CH6-Mode 12

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK  
Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 50.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The front side of the EUT to the Phantom)  
Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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

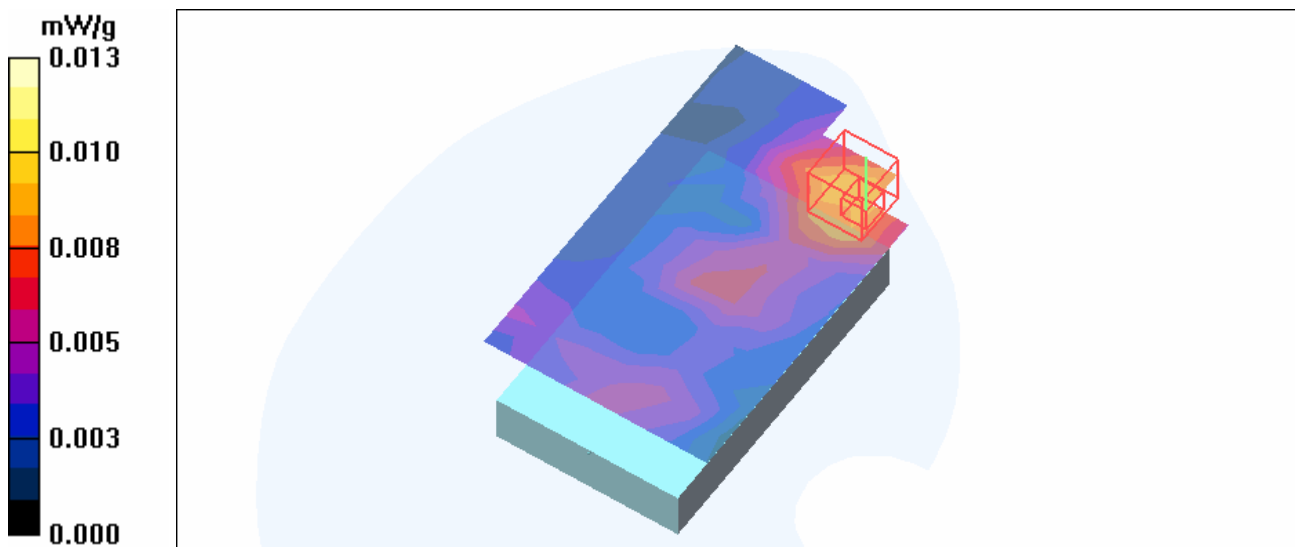
**Mid Channel 6/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.013 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.29 V/m

Peak SAR (extrapolated) = 0.030 W/kg

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00733 mW/g**



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11g-CH1-Mode 13

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

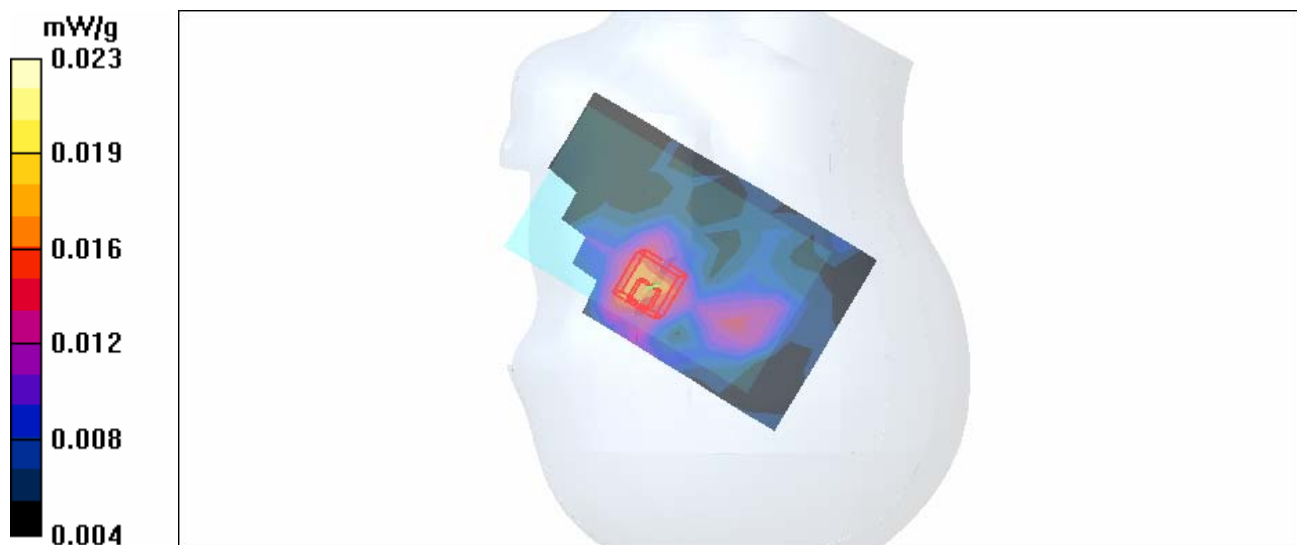
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.57 V/m

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.014 mW/g**

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





Test Laboratory: Advance Data Technology

**Right Head-Cheek-11g-CH6-Mode 13**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.82 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.020 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 = 1.70 V/m

Peak SAR (extrapolated) = 0.044 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.015 mW/g**

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

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

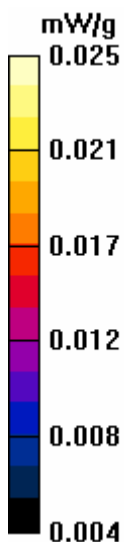
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.70 V/m

Peak SAR (extrapolated) = 0.032 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.011 mW/g**

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



Test Laboratory: Advance Data Technology

### Right Head-Cheek-11g-CH11-Mode 13

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

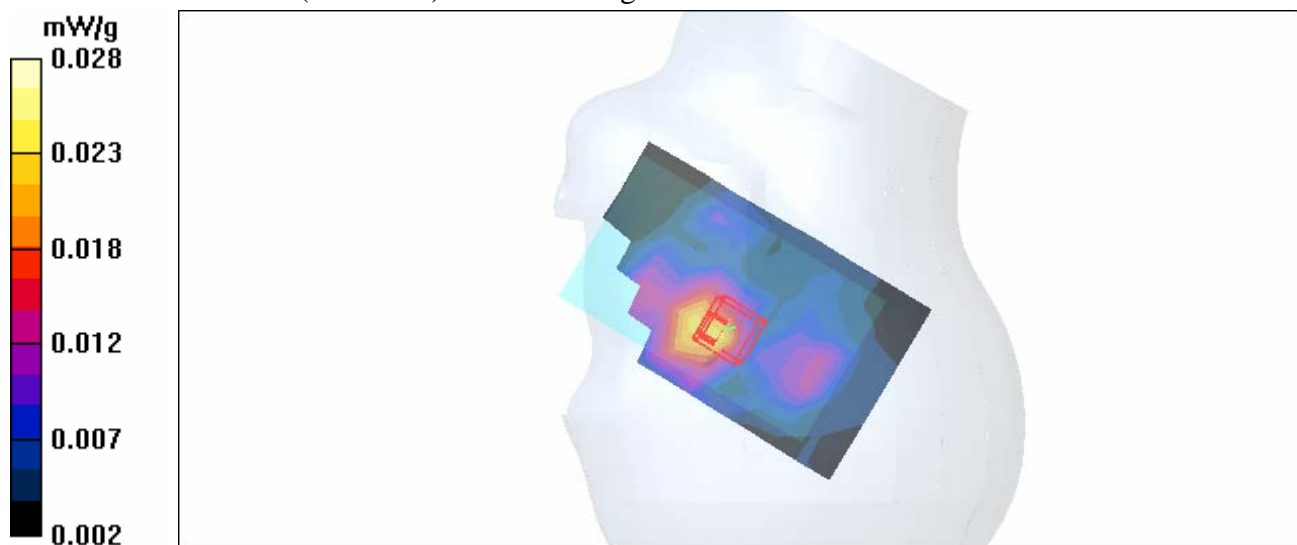
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.78 V/m

Peak SAR (extrapolated) = 0.053 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.020 mW/g**

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



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11g-CH1-Mode 14

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

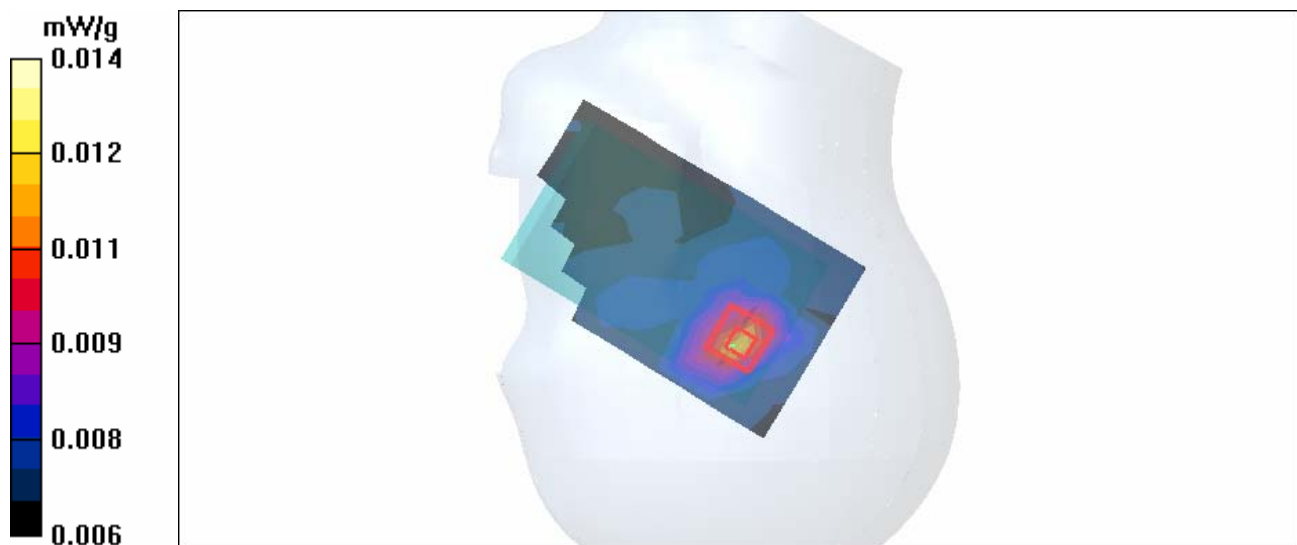
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.99 V/m

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00696 mW/g**

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



Test Laboratory: Advance Data Technology

### Right Head-Tilt-11g-CH6-Mode 14

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.010 mW/g

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

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

Reference Value = 1.79 V/m

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00701 mW/g**

Maximum value of SAR (measured) = 0.012 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11g-CH11-Mode 14

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 0.013 mW/g

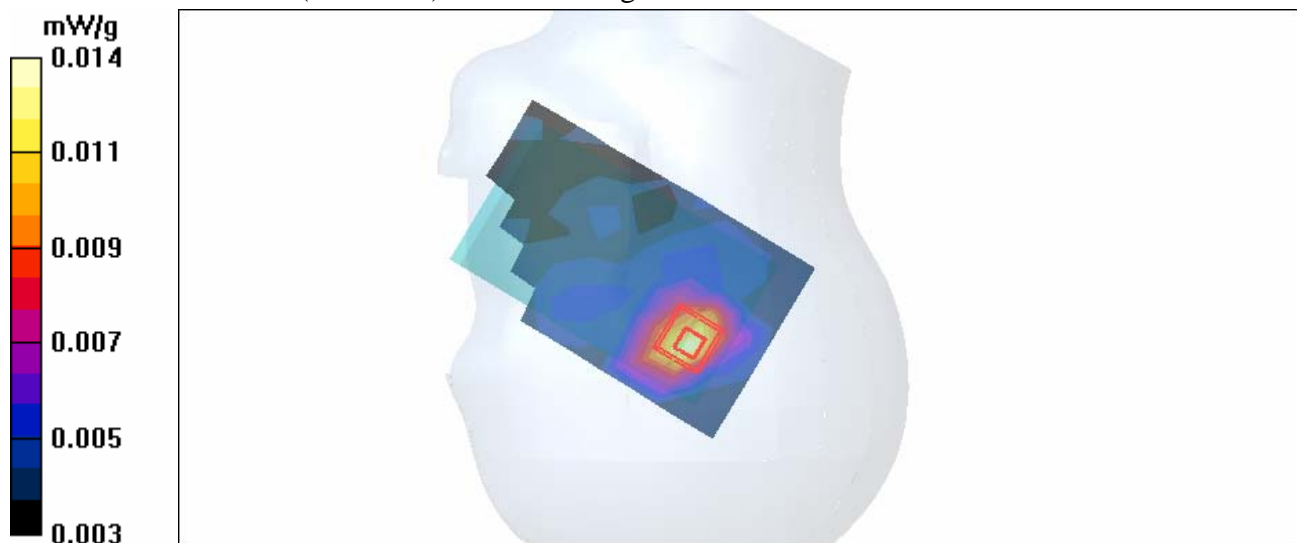
**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.87 V/m

Peak SAR (extrapolated) = 0.030 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00786 mW/g**

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



Test Laboratory: Advance Data Technology

### Left Head-Cheek-11g-CH1-Mode 15

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

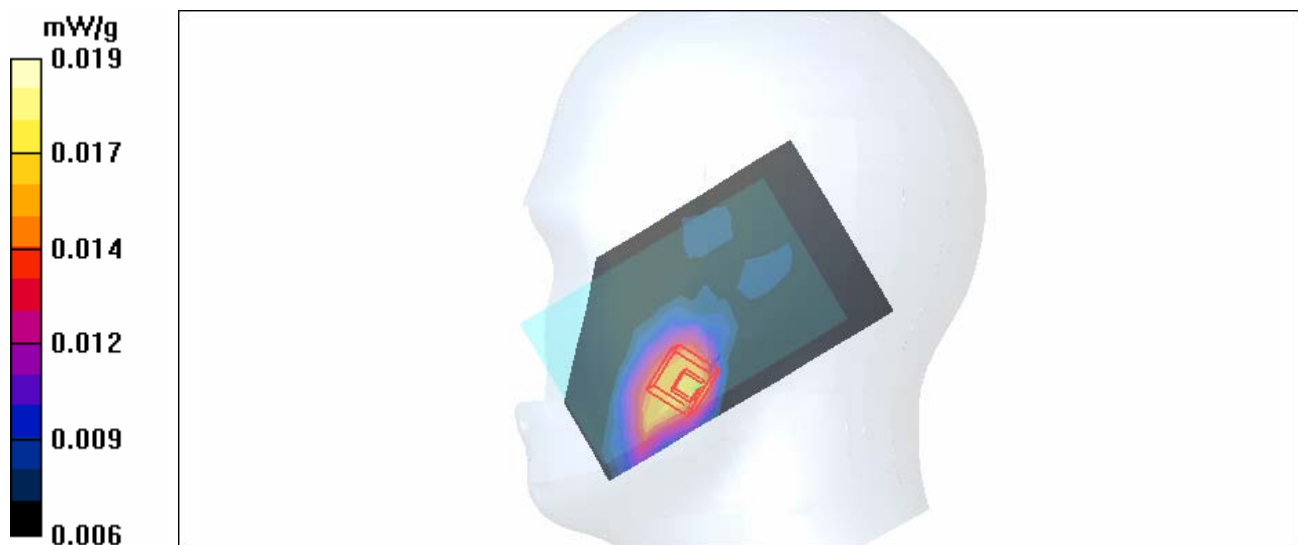
Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 151 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK  
 Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.016 mW/g

**Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.72 V/m  
 Peak SAR (extrapolated) = 0.045 W/kg  
**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g**  
 Maximum value of SAR (measured) = 0.019 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Cheek-11g-CH6-Mode 15

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

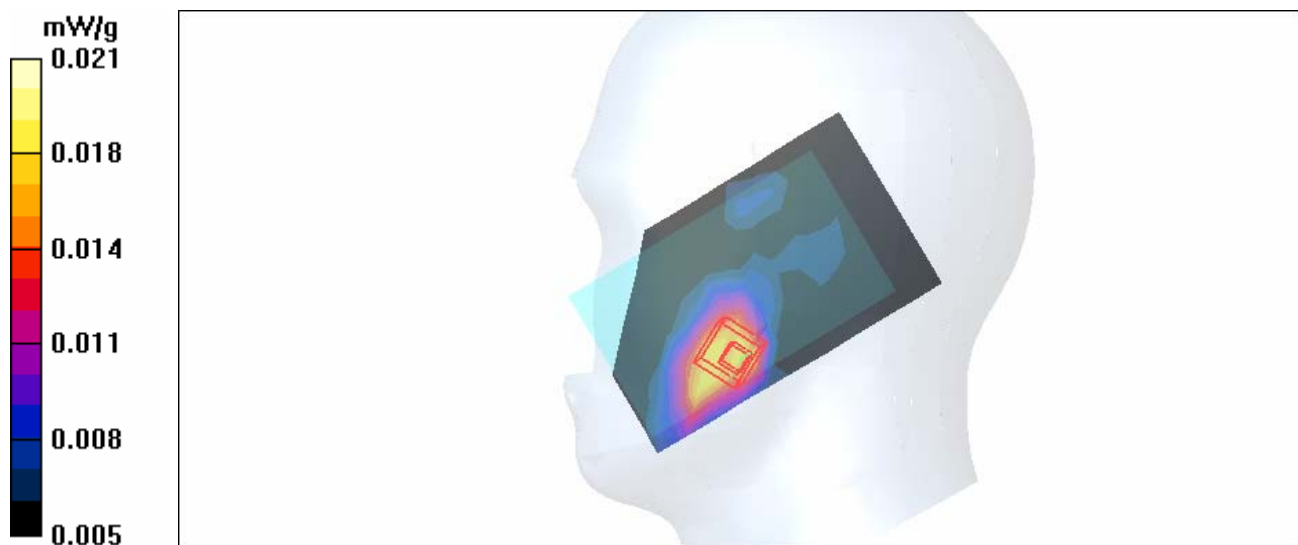
Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 151 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK  
 Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.016 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.81 V/m  
 Peak SAR (extrapolated) = 0.047 W/kg  
**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.013 mW/g**  
 Maximum value of SAR (measured) = 0.021 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-11g-CH11-Mode 15

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.010 mW/g

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

Reference Value = 1.93 V/m

Peak SAR (extrapolated) = 0.034 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.017 mW/g**

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





Test Laboratory: Advance Data Technology

## Left Head-Tilt-11g-CH1-Mode 16

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.094 mW/g

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

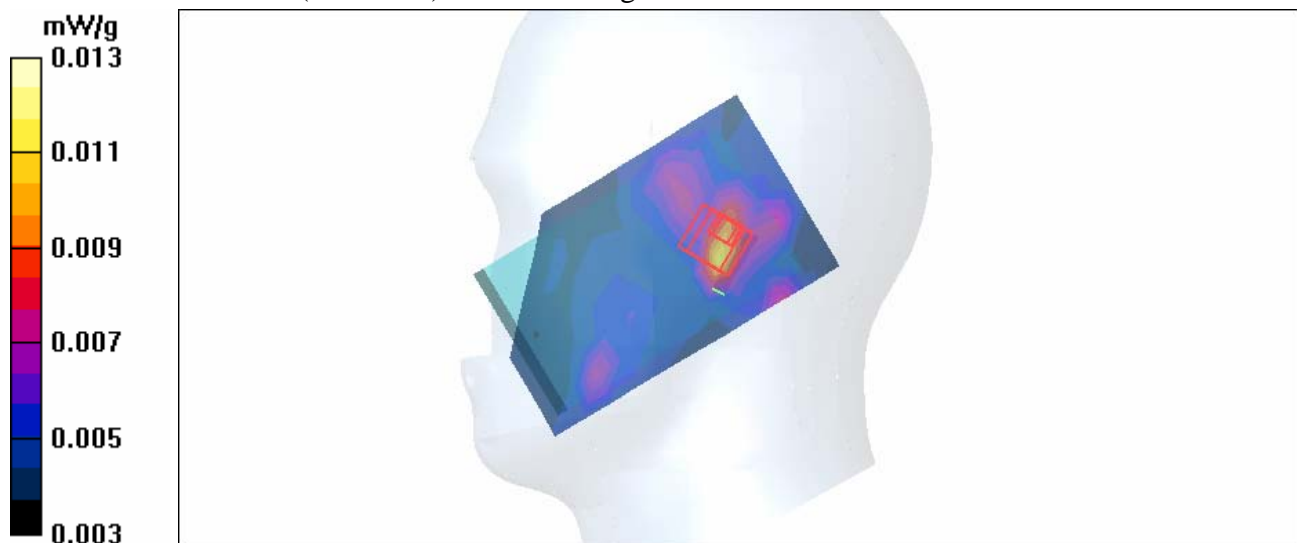
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.33 V/m

Peak SAR (extrapolated) = 0.034 W/kg

**SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00621 mW/g**

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



Test Laboratory: Advance Data Technology

## Left Head-Tilt-11g-CH6-Mode 16

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.010 mW/g

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

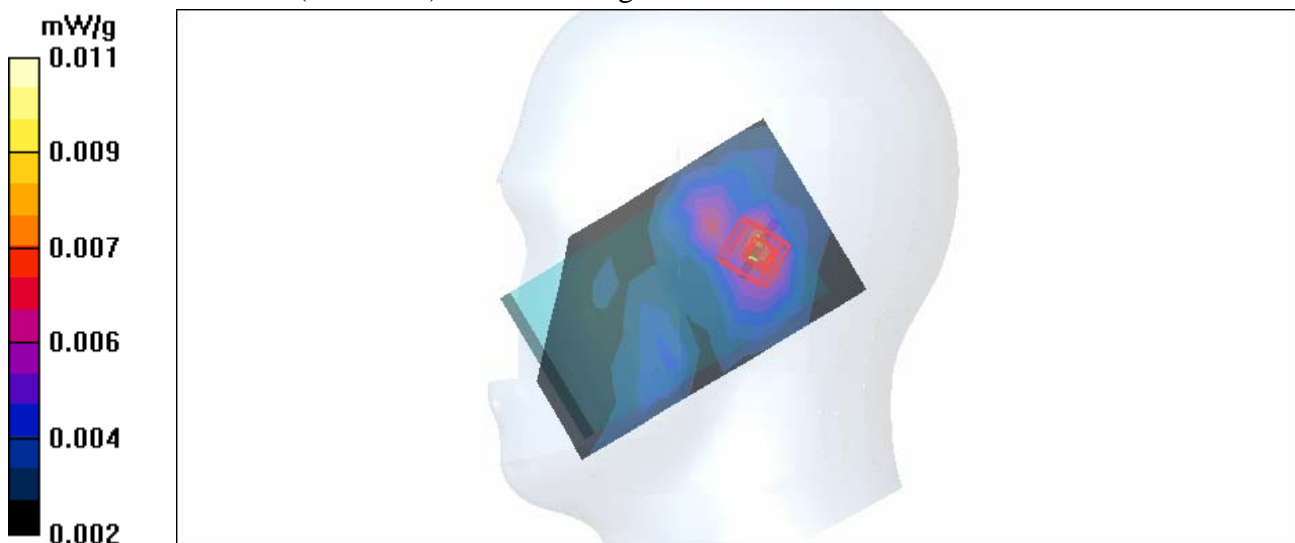
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.60 V/m

Peak SAR (extrapolated) = 0.021 W/kg

**SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00642 mW/g**

Maximum value of SAR (measured) = 0.011 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-11g-CH11-Mode 16

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

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

Medium: HSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.85 \text{ mho/m}$ ;  $\epsilon_r = 38.9$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151 mm

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

Antenna type : monopole Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20

- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.017 mW/g

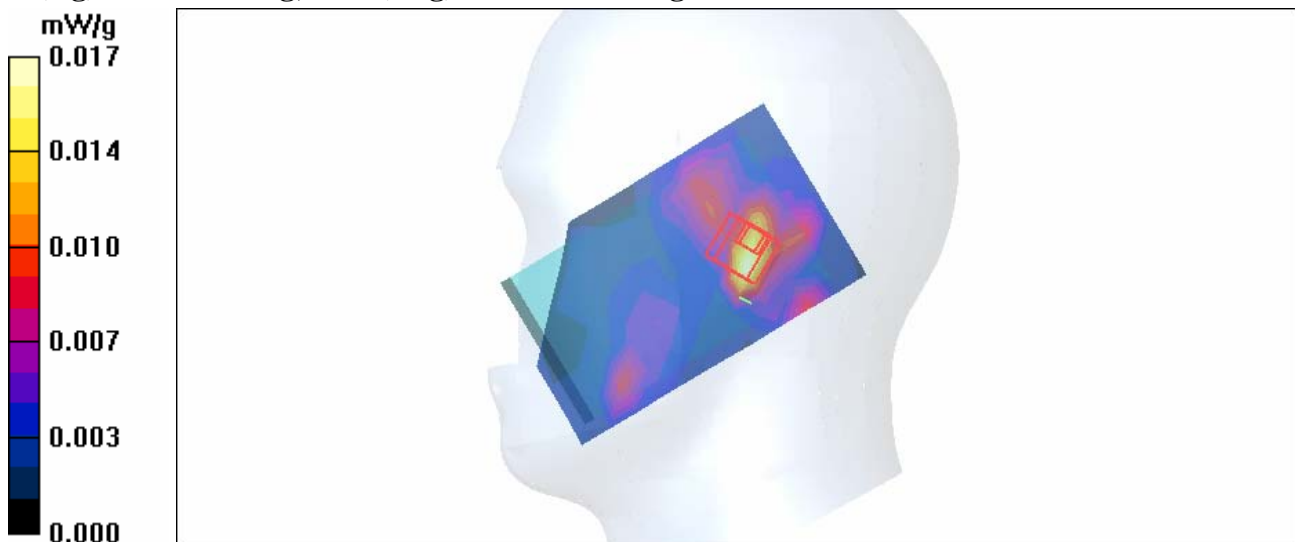
**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 1.86 V/m

Peak SAR (extrapolated) = 0.025 W/kg

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00728 mW/g**



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-11g-CH1-Mode 17

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2412 MHz**

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.94 \text{ mho/m}$ ;  $\epsilon_r = 50.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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

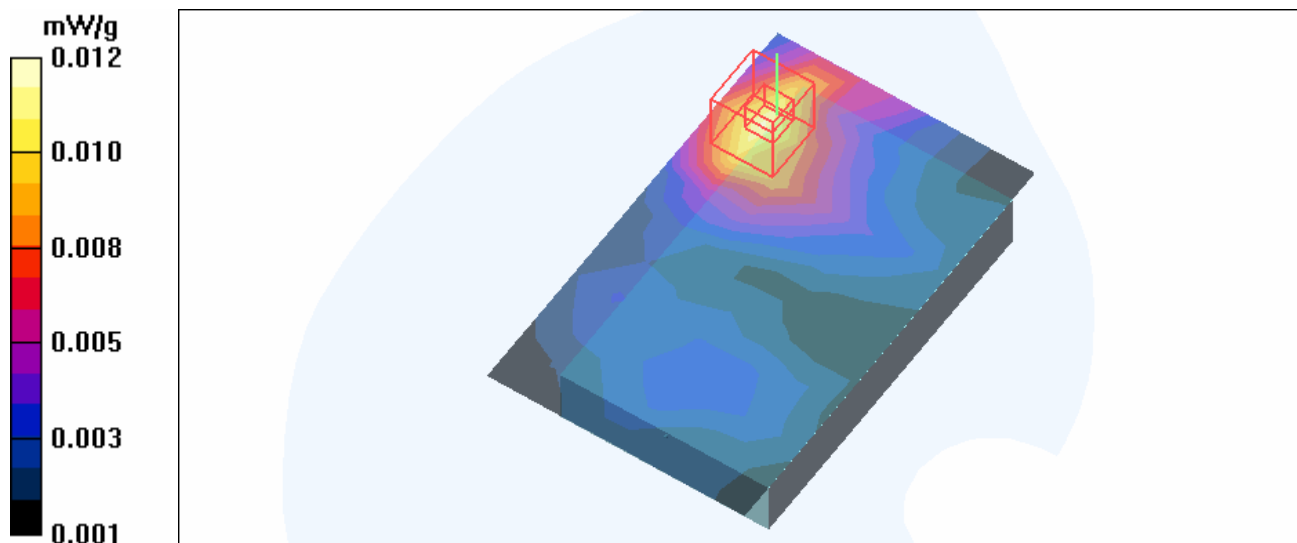
**Low Channel 1/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.012 mW/g

**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 = 1.38 V/m

Peak SAR (extrapolated) = 0.021 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00663 mW/g**



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-11g-CH6-Mode 17

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2437 MHz**

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 50.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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

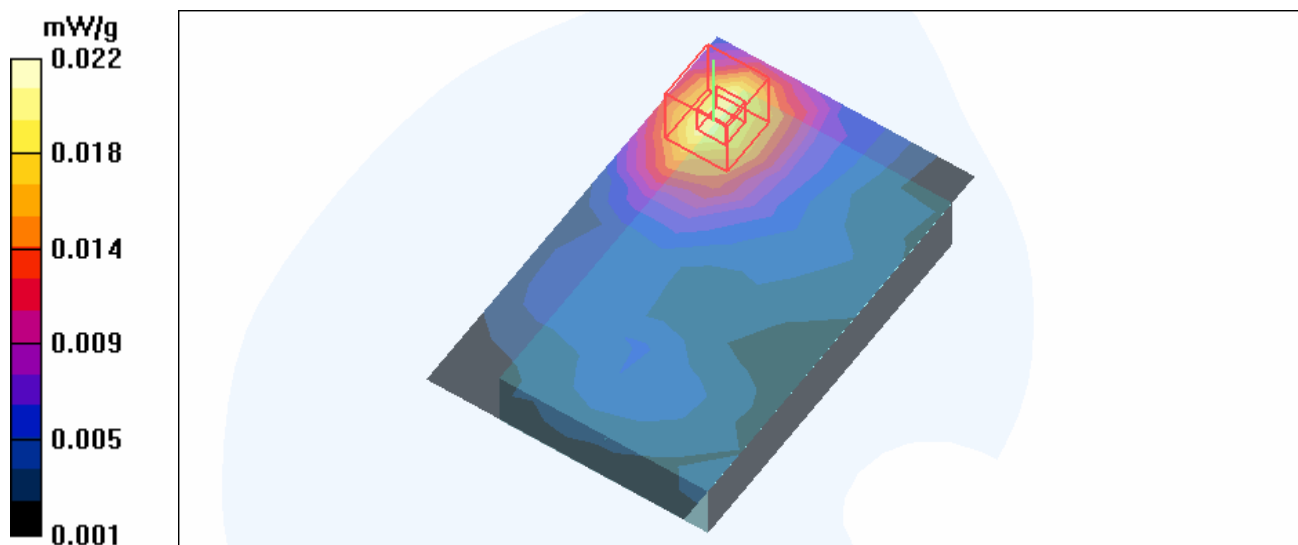
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.72 V/m

Peak SAR (extrapolated) = 0.034 W/kg

**SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0881 mW/g**

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



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-11g-CH11-Mode 17

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 50.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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) = 0.018 mW/g

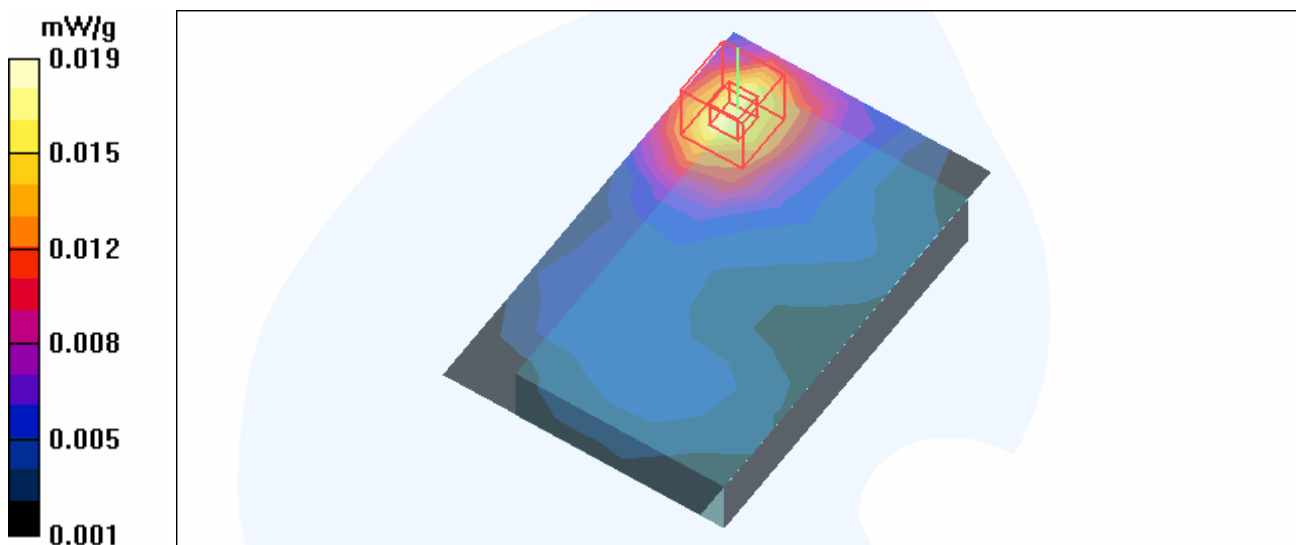
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.59 V/m

Peak SAR (extrapolated) = 0.039 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.010 mW/g**

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



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Up-11g-CH11-Mode 18

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK  
 Medium: MSL2450 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.01 \text{ mho/m}$ ;  $\epsilon_r = 50.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The front side of the EUT to the Phantom)  
 Antenna type : monopole Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.005 mW/g

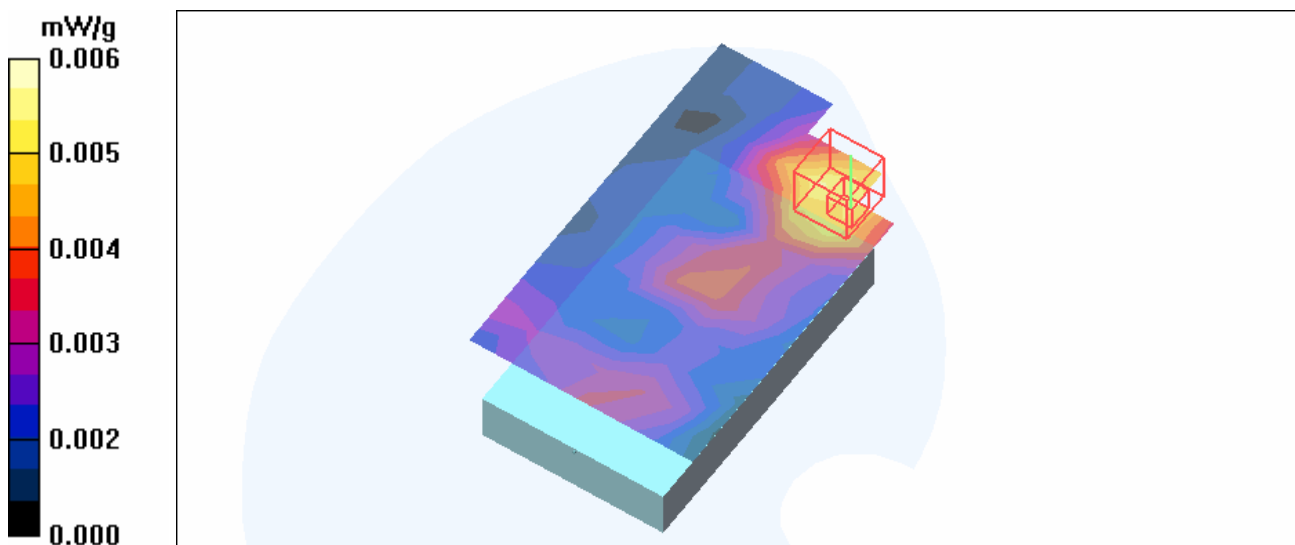
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.24 V/m

Peak SAR (extrapolated) = 0.015 W/kg

**SAR(1 g) = 0.00518 mW/g; SAR(10 g) = 0.0033 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-CH0-Mode 19

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

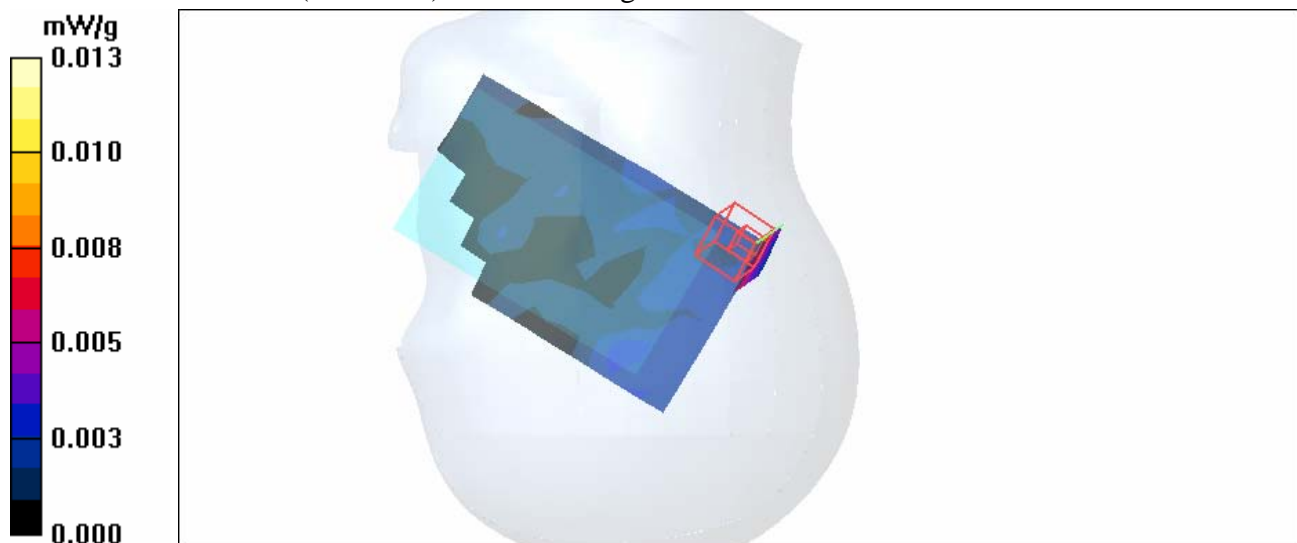
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used :  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 38.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.013 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 = 2.59 V/m  
 Peak SAR (extrapolated) = 0.010 W/kg  
**SAR(1 g) = 0.00845 mW/g; SAR(10 g) = 0.00747 mW/g**  
 Maximum value of SAR (measured) = 0.010 mW/g





Test Laboratory: Advance Data Technology

### Right Head-Cheek-BT-CH39-Mode 19

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.005 mW/g

**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.59 V/m

Peak SAR (extrapolated) = 0.007 W/kg

**SAR(1 g) = 0.00637 mW/g; SAR(10 g) = 0.00571 mW/g**

Maximum value of SAR (measured) = 0.007 mW/g

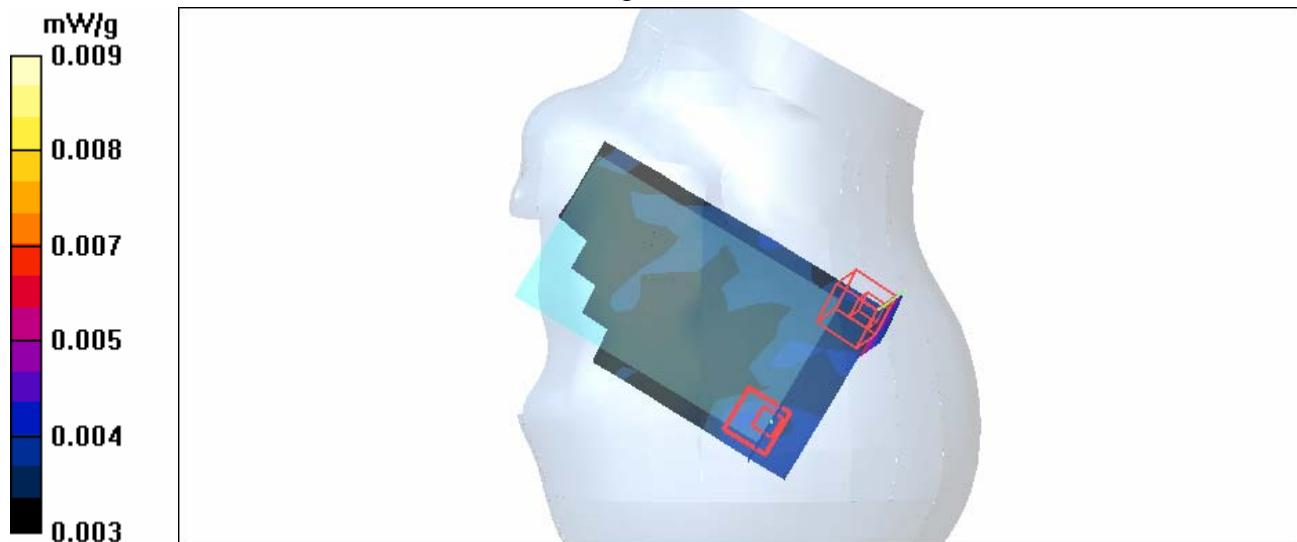
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.59 V/m

Peak SAR (extrapolated) = 0.009 W/kg

**SAR(1 g) = 0.00796 mW/g; SAR(10 g) = 0.00682 mW/g**

Maximum value of SAR (measured) = 0.009 mW/g



Test Laboratory: Advance Data Technology

### Right Head-Cheek-BT-CH78-Mode 19

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.88 \text{ mho/m}$ ;  $\epsilon_r = 38.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.004 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 = 3.25 V/m

Peak SAR (extrapolated) = 0.008 W/kg

**SAR(1 g) = 0.00721 mW/g; SAR(10 g) = 0.00642 mW/g**

Maximum value of SAR (measured) = 0.008 mW/g

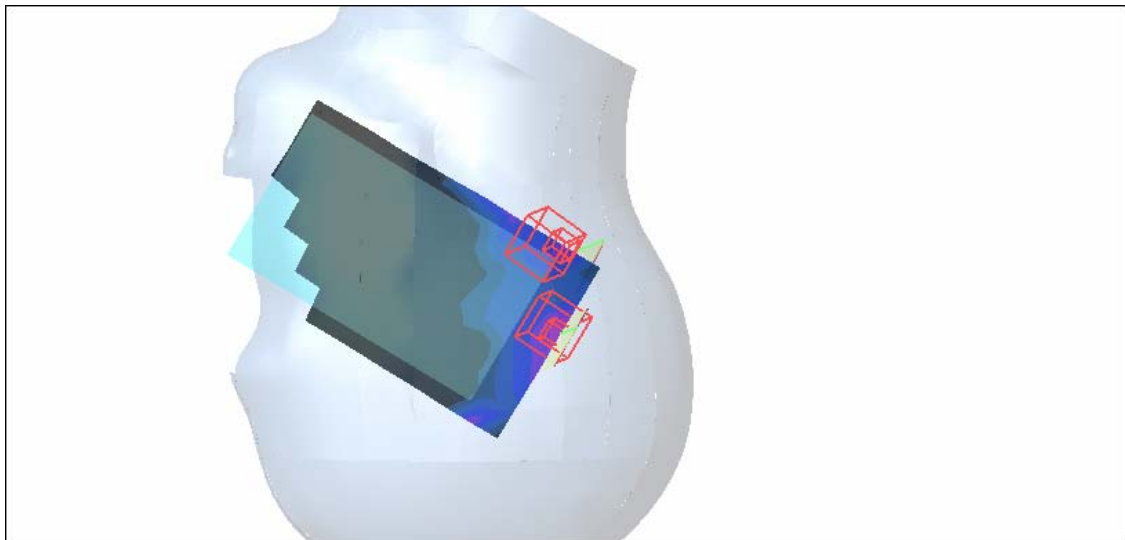
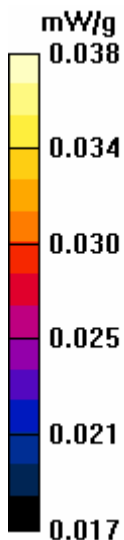
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.25 V/m

Peak SAR (extrapolated) = 0.009 W/kg

**SAR(1 g) = 0.00741 mW/g; SAR(10 g) = 0.00644 mW/g**

Maximum value of SAR (measured) = 0.009 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Tilt-BT-CH0-Mode 20**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.004 mW/g

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

Reference Value = 2.05 V/m

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.00563 mW/g; SAR(10 g) = 0.00502 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g

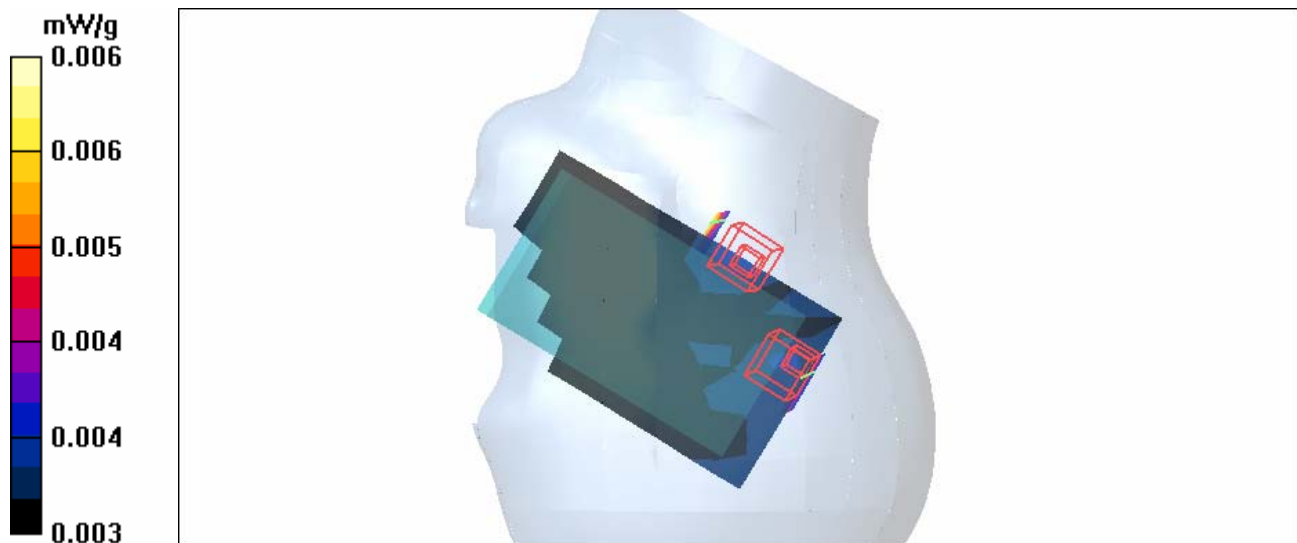
**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 2.05 V/m

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.00556 mW/g; SAR(10 g) = 0.00495 mW/g**



Test Laboratory: Advance Data Technology

**Right Head-Tilt-BT-CH39-Mode 20**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.003 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 2.04 V/m

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.00488 mW/g; SAR(10 g) = 0.00428 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

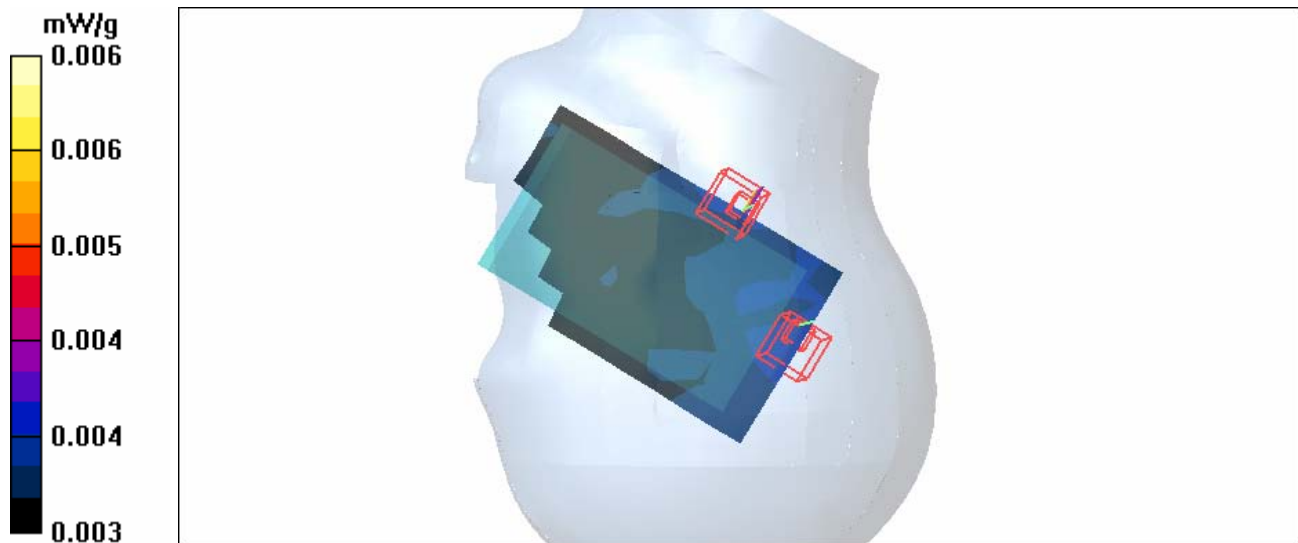
dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.04 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.00482 mW/g; SAR(10 g) = 0.00429 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g



Test Laboratory: Advance Data Technology

**Right Head-Tilt-BT-CH78-Mode 20**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.88 \text{ mho/m}$ ;  $\epsilon_r = 38.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.002 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 = 1.98 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.00411 mW/g; SAR(10 g) = 0.00365 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

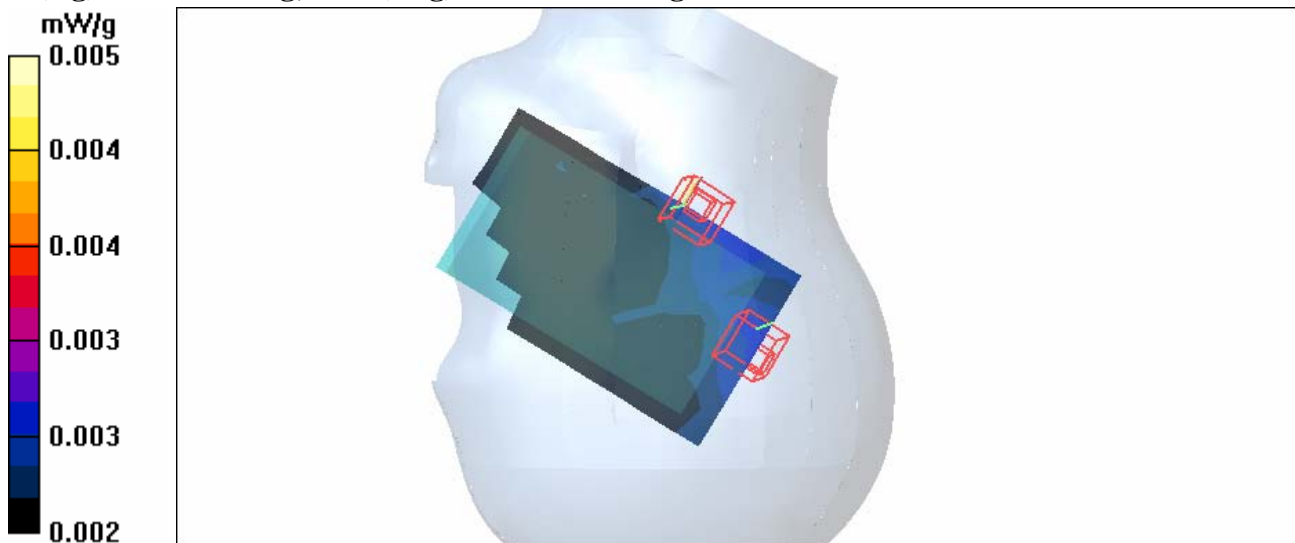
**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 1.98 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.004 mW/g; SAR(10 g) = 0.00357 mW/g**



Test Laboratory: Advance Data Technology

## Left Head-Cheek-BT-CH0-Mode 21

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

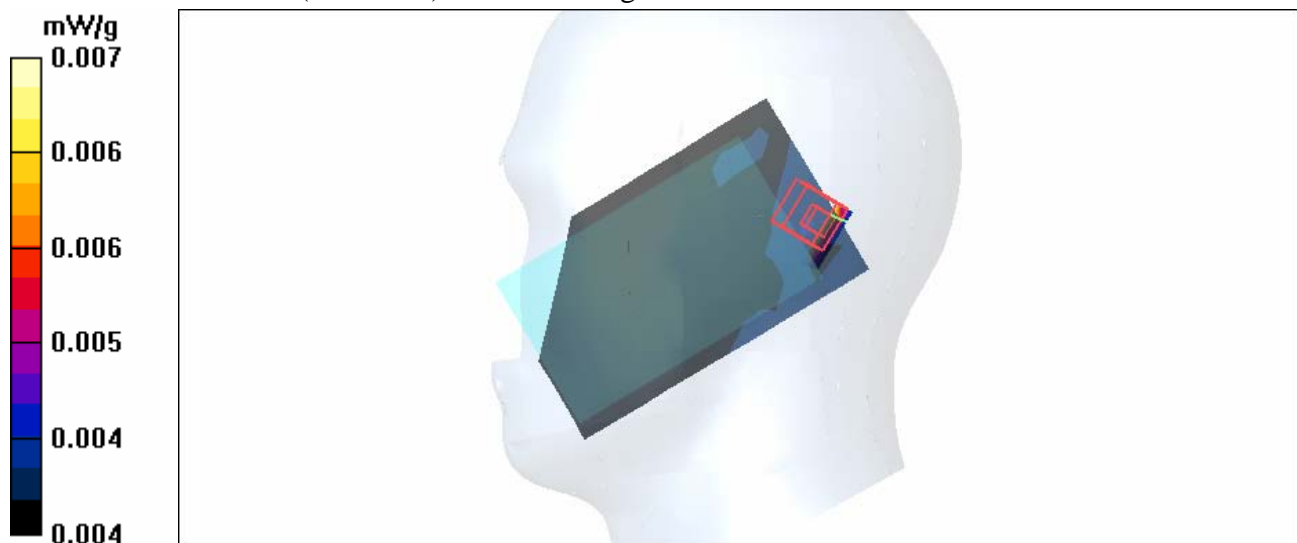
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK  
 Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.005 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 3.61 V/m  
 Peak SAR (extrapolated) = 0.007 W/kg  
**SAR(1 g) = 0.00614 mW/g; SAR(10 g) = 0.00552 mW/g**  
 Maximum value of SAR (measured) = 0.007 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-BT-CH39-Mode 21**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2441 \text{ MHz}$ ;  $\sigma = 1.83 \text{ mho/m}$ ;  $\epsilon_r = 38.4$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.003 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 = 2.83 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.00458 mW/g; SAR(10 g) = 0.00413 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

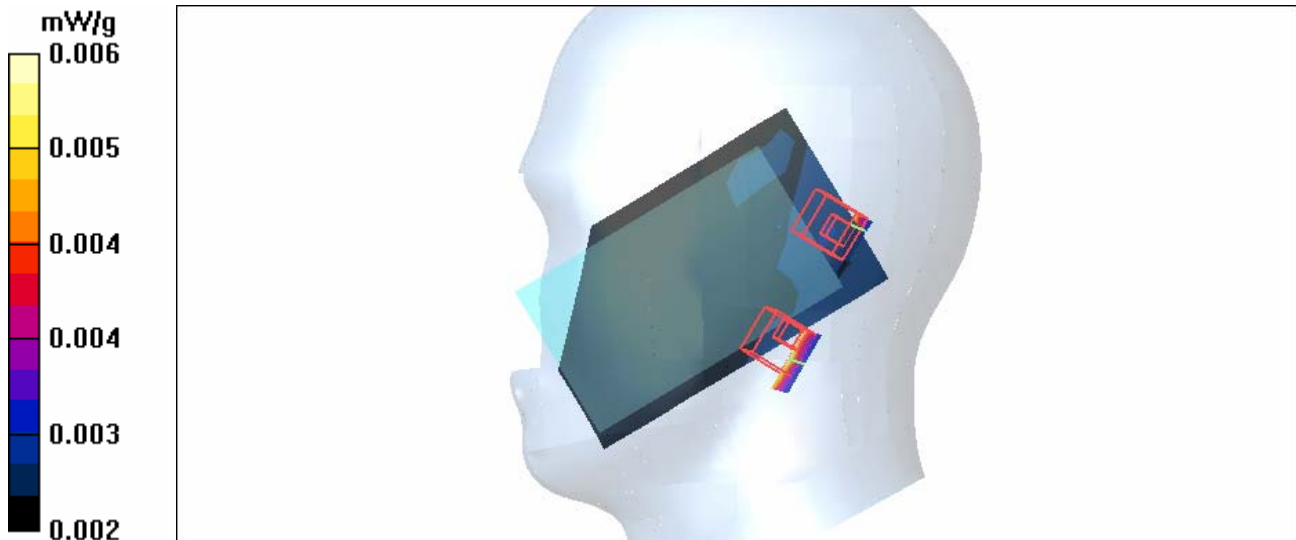
**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.83 V/m

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.00472 mW/g; SAR(10 g) = 0.00417 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-BT-CH78-Mode 21**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.88 \text{ mho/m}$ ;  $\epsilon_r = 38.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** 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 = 3.25 V/m

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.00372 mW/g; SAR(10 g) = 0.00333 mW/g**

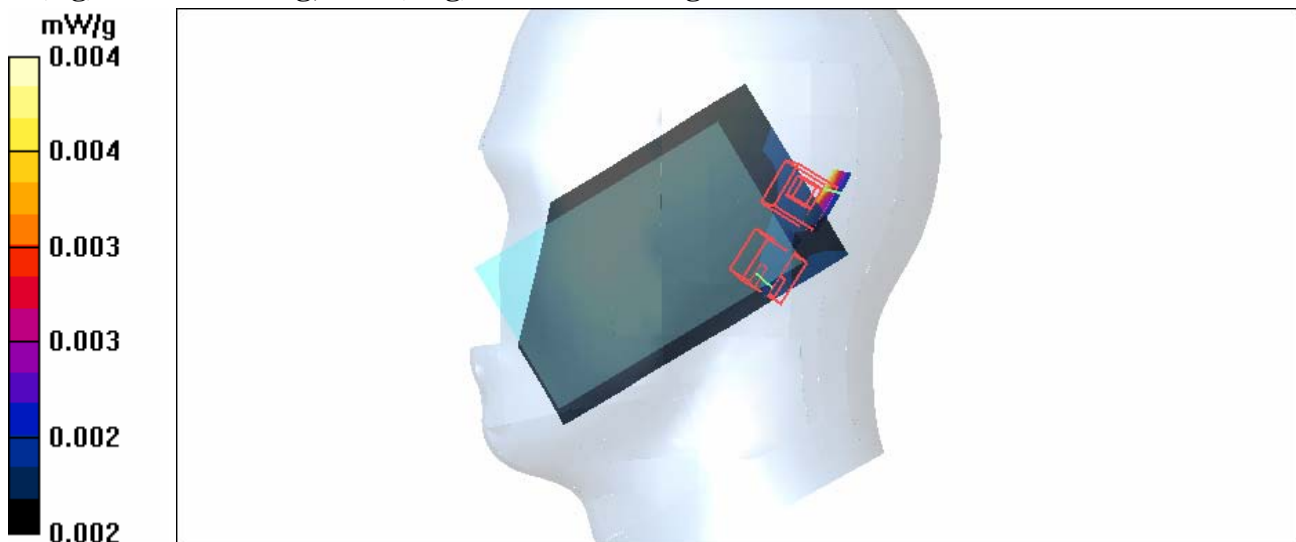
Maximum value of SAR (measured) = 0.004 mW/g

**Touch 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 = 3.25 V/m

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.0037 mW/g; SAR(10 g) = 0.00328 mW/g**





Test Laboratory: Advance Data Technology

**Left Head-Tilt-BT-CH0-Mode 22**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 38.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.003 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 = 2.00 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.00484 mW/g; SAR(10 g) = 0.00431 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

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

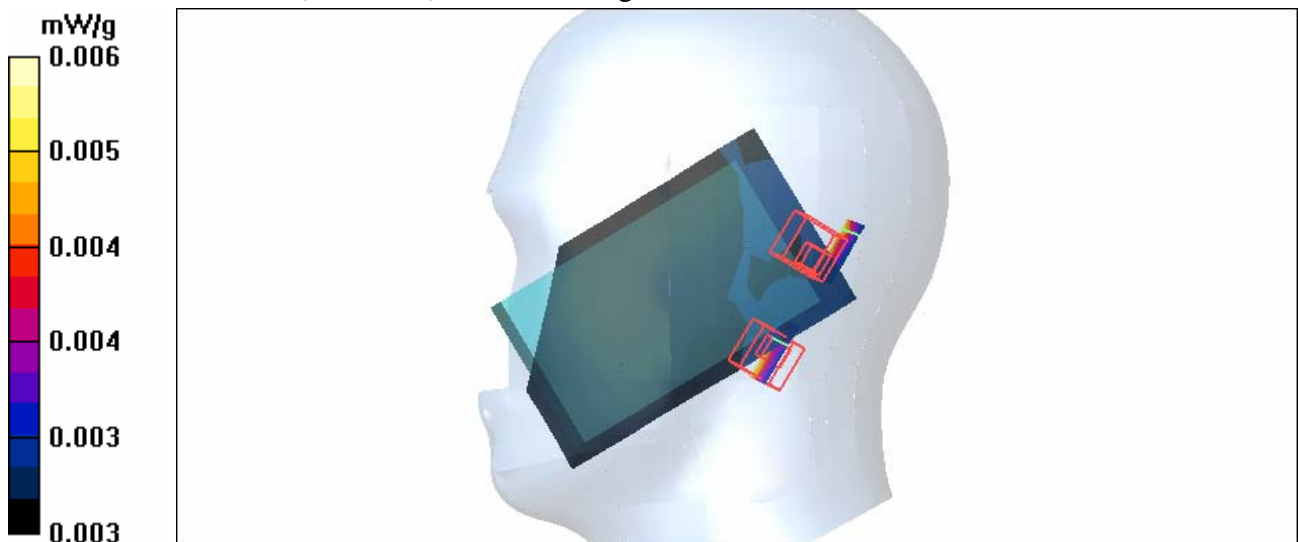
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.00 V/m

Peak SAR (extrapolated) = 0.006 W/kg

**SAR(1 g) = 0.00476 mW/g; SAR(10 g) = 0.00428 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-BT-CH39-Mode 22**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2441 MHz**

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.83$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.002 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.93 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.00393 mW/g; SAR(10 g) = 0.00348 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

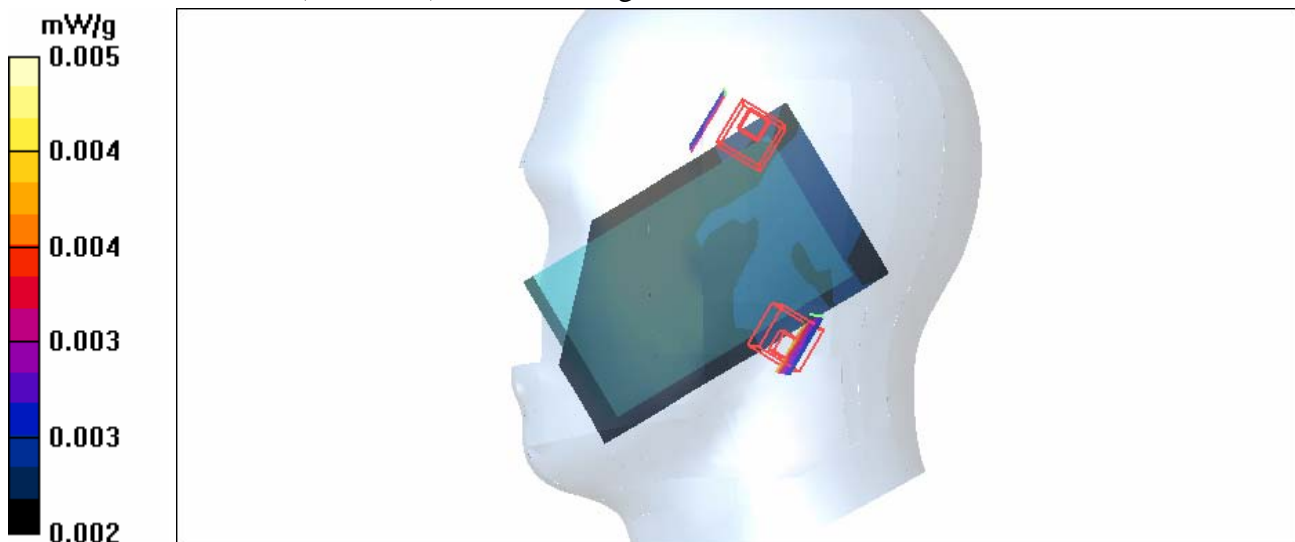
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.93 V/m

Peak SAR (extrapolated) = 0.004 W/kg

**SAR(1 g) = 0.00365 mW/g; SAR(10 g) = 0.00328 mW/g**

Maximum value of SAR (measured) = 0.004 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-BT-CH78-Mode 22**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used :  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.88 \text{ mho/m}$ ;  $\epsilon_r = 38.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.002 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 = 1.96 V/m

Peak SAR (extrapolated) = 0.005 W/kg

**SAR(1 g) = 0.00336 mW/g; SAR(10 g) = 0.00293 mW/g**

Maximum value of SAR (measured) = 0.005 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

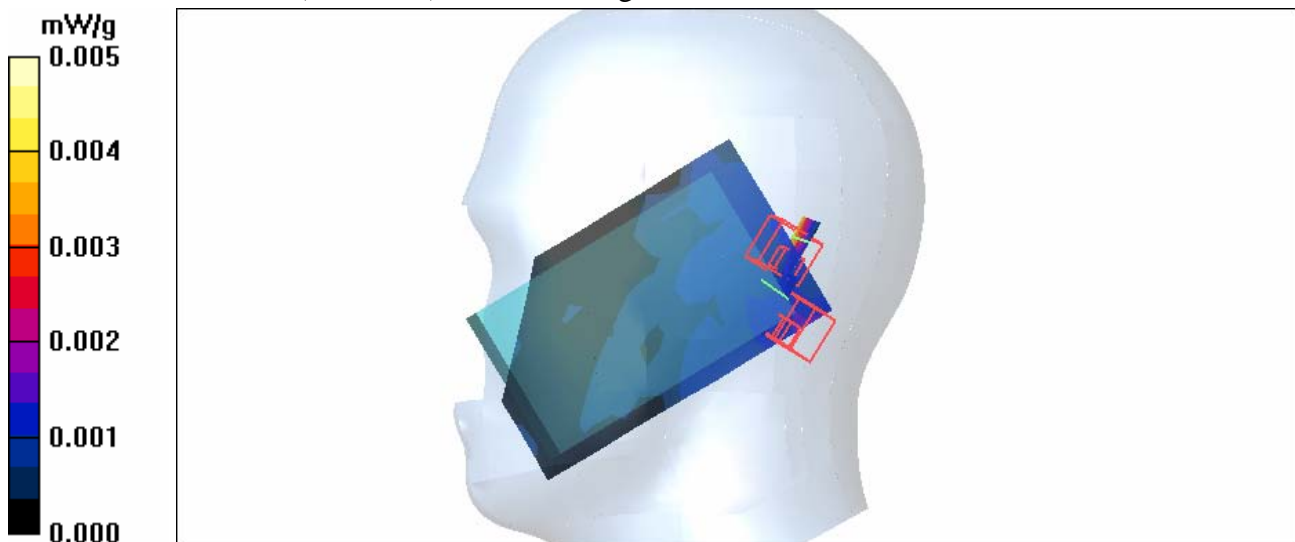
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 1.96 V/m

Peak SAR (extrapolated) = 0.003 W/kg

**SAR(1 g) = 0.00295 mW/g; SAR(10 g) = 0.00264 mW/g**

Maximum value of SAR (measured) = 0.003 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-CH0-Mode 23

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

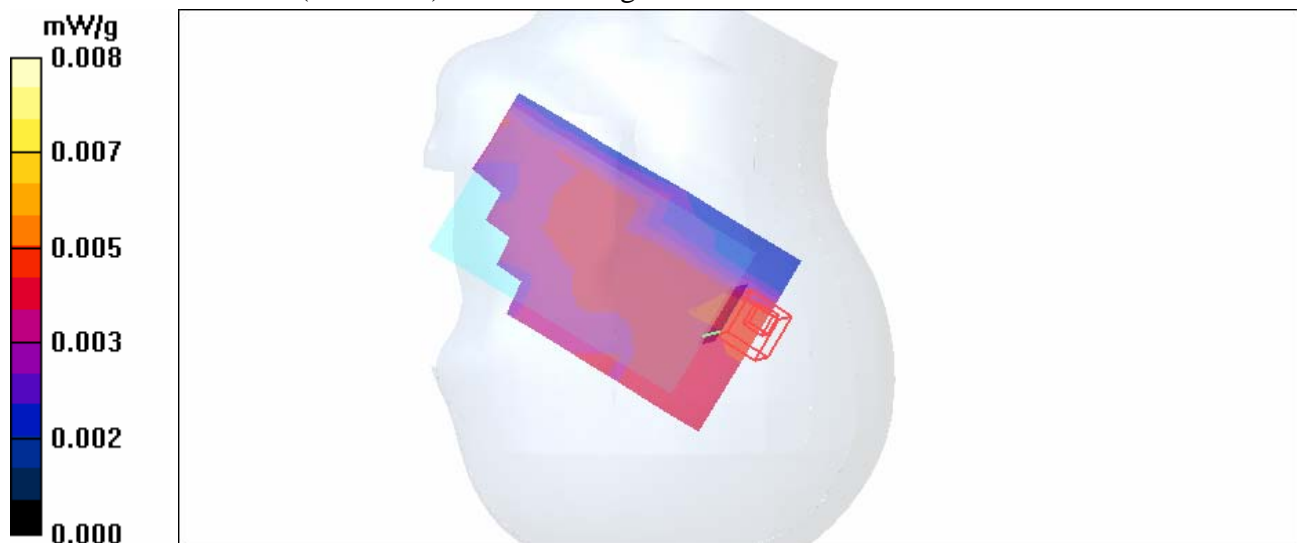
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Medium: HSL2450 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 38.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 155 mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: 8DPSK  
 Antenna type : Chip Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.008 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.47 V/m  
 Peak SAR (extrapolated) = 0.006 W/kg  
**SAR(1 g) = 0.00548 mW/g; SAR(10 g) = 0.00485 mW/g**  
 Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-BT-CH0-Mode 24

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
 Medium: MSL2450 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : Chip Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.006 mW/g

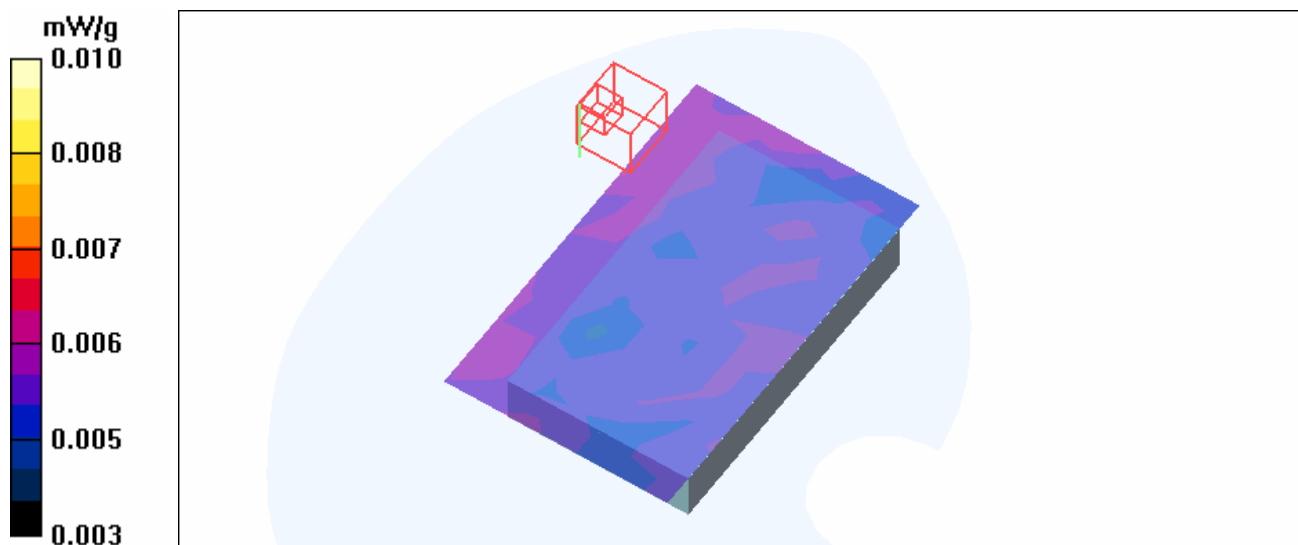
**Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.82 V/m

Peak SAR (extrapolated) = 0.010 W/kg

**SAR(1 g) = 0.0078 mW/g; SAR(10 g) = 0.00718 mW/g**

Maximum value of SAR (measured) = 0.010 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-BT-CH39-Mode 24

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2441 MHz**

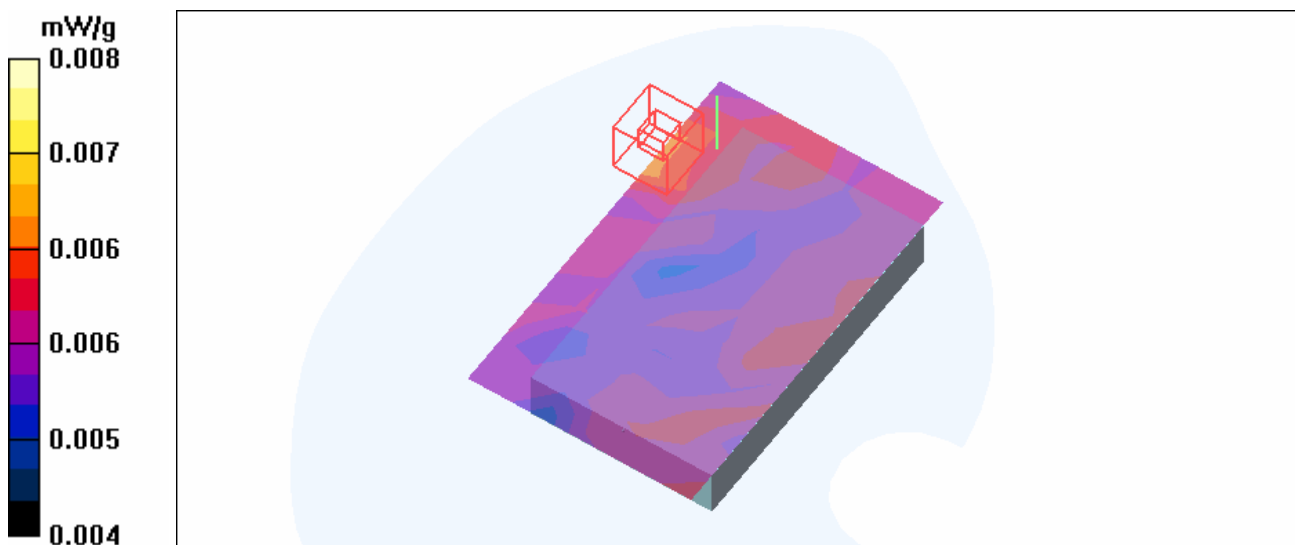
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
 Medium: MSL2450 Medium parameters used :  $f = 2441$  MHz;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 50.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : Chip Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.007 mW/g

**Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.87 V/m  
 Peak SAR (extrapolated) = 0.008 W/kg  
**SAR(1 g) = 0.00702 mW/g; SAR(10 g) = 0.00647 mW/g**  
 Maximum value of SAR (measured) = 0.008 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Down-BT-CH78-Mode 24

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2480 MHz**

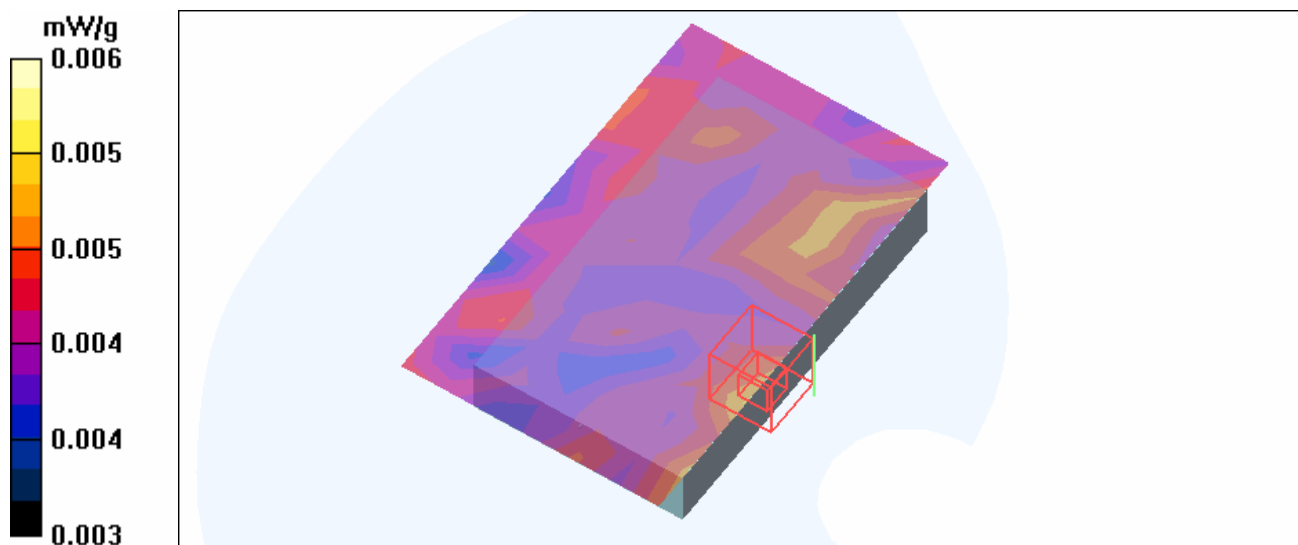
Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
 Medium: MSL2450 Medium parameters used :  $f = 2480 \text{ MHz}$ ;  $\sigma = 2.04 \text{ mho/m}$ ;  $\epsilon_r = 50.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)  
 Antenna type : Chip Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.005 mW/g

**High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.47 V/m  
 Peak SAR (extrapolated) = 0.006 W/kg  
**SAR(1 g) = 0.00503 mW/g; SAR(10 g) = 0.00446 mW/g**  
 Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: Advance Data Technology

## BodyWorn-Keypad Up-BT-CH0-Mode 25

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 2402 MHz**

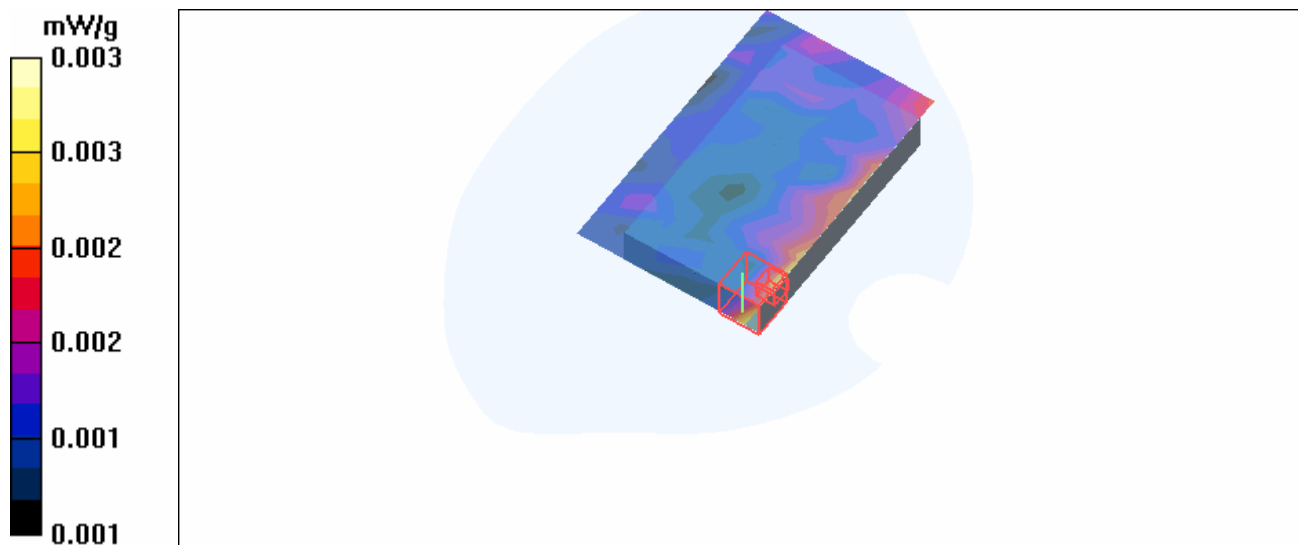
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK  
 Medium: MSL2450 Medium parameters used :  $f = 2402$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 50.5$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 150 mm  
 Phantom section: Flat Section ; Separation distance : 15 mm (The front side of the EUT to the Phantom)  
 Antenna type : Chip Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.003 mW/g

**Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 1.36 V/m  
 Peak SAR (extrapolated) = 0.003 W/kg  
**SAR(1 g) = 0.00202 mW/g; SAR(10 g) = 0.00176 mW/g**





Test Laboratory: Advance Data Technology

**Co-located-Right Head-Cheek- PCS1900-CH810/11b-CH6/BT-CH0 -Mode 26**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz  
Frequency: 2437 MHz  
Frequency: 2402 MHz**

Communication System: PCS 1900  
Communication System: 802.11b  
Communication System: Bluetooth ;  
Frequency: 1909.8 MHz  
Frequency: 2437 MHz  
Frequency: 2402 MHz ; Duty Cycle: 1:8.3  
Duty Cycle: 1:1  
Medium: HSL1900  
Medium: HSL2450  
Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.42 \text{ mho/m}$ ;  $\epsilon_r = 38.8$ ;  $\rho = 1000 \text{ kg/m}^3$   
Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.82 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$   
Medium parameters used :  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 38.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98)ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.382 mW/g

**Touch position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.699 W/kg

**SAR(1 g) = 0.461 mW/g; SAR(10 g) = 0.265 mW/g**

Maximum value of SAR (measured) = 0.515 mW/g

**Touch position - Mid Channel 6/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

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

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

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

Reference Value = 1.65 V/m

Peak SAR (extrapolated) = 0.107 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.029 mW/g**

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

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

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

Reference Value = 1.65 V/m

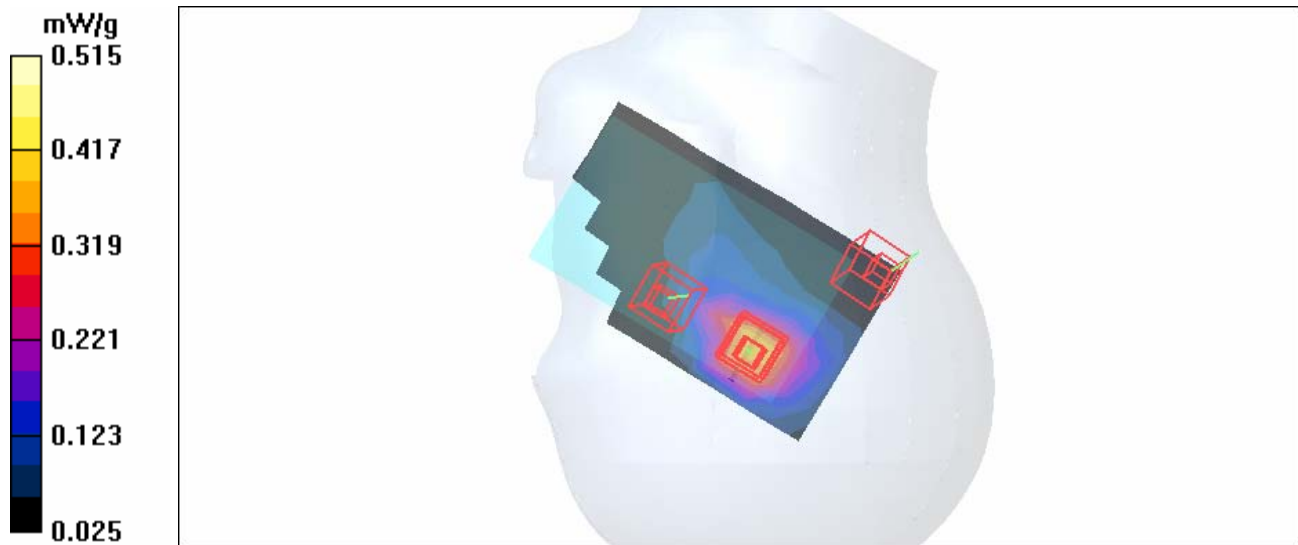
Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.023 mW/g**

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

**Touch position - Low Channel 0/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.013 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 2.59 V/m  
Peak SAR (extrapolated) = 0.010 W/kg  
**SAR(1 g) = 0.00845 mW/g; SAR(10 g) = 0.00747 mW/g**  
Maximum value of SAR (measured) = 0.010 mW/g



Test Laboratory: Advance Data Technology

### **Co-located-BodyWorn- GPRS1900-CH810/11b-CH6/BT-CH0 -Mode 27**

**DUT: 3G Pocket PC Phone ; Type: Xda Flame ; Test Frequency: 1909.8 MHz**  
**Frequency: 2437 MHz**  
**Frequency: 2402 MHz**

Communication System: PCS 1900 Communication System: 802.11b Communication System: Bluetooth ;  
Frequency: 1909.8 MHz Frequency: 2437 MHz Frequency: 2402 MHz ; Duty Cycle: 1:4 Duty Cycle: 1:1  
Medium: MSL1900 Medium: MSL2450 Medium parameters used:  $f = 1909.8 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 51.9$ ;  $\rho = 1000 \text{ kg/m}^3$   
Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.97 \text{ mho/m}$ ;  $\epsilon_r = 50.4$ ;  $\rho = 1000 \text{ kg/m}^3$   
Medium parameters used :  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.93 \text{ mho/m}$ ;  $\epsilon_r = 50.5$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid  
Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots  
Separation Distance : 15 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: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75)ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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 810/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.329 mW/g

**High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.2 V/m

Peak SAR (extrapolated) = 0.756 W/kg

**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.214 mW/g**

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

**Mid Channel 6/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.037 mW/g

**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.26 V/m

Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.020 mW/g**

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

**Low Channel 0/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.006 mW/g

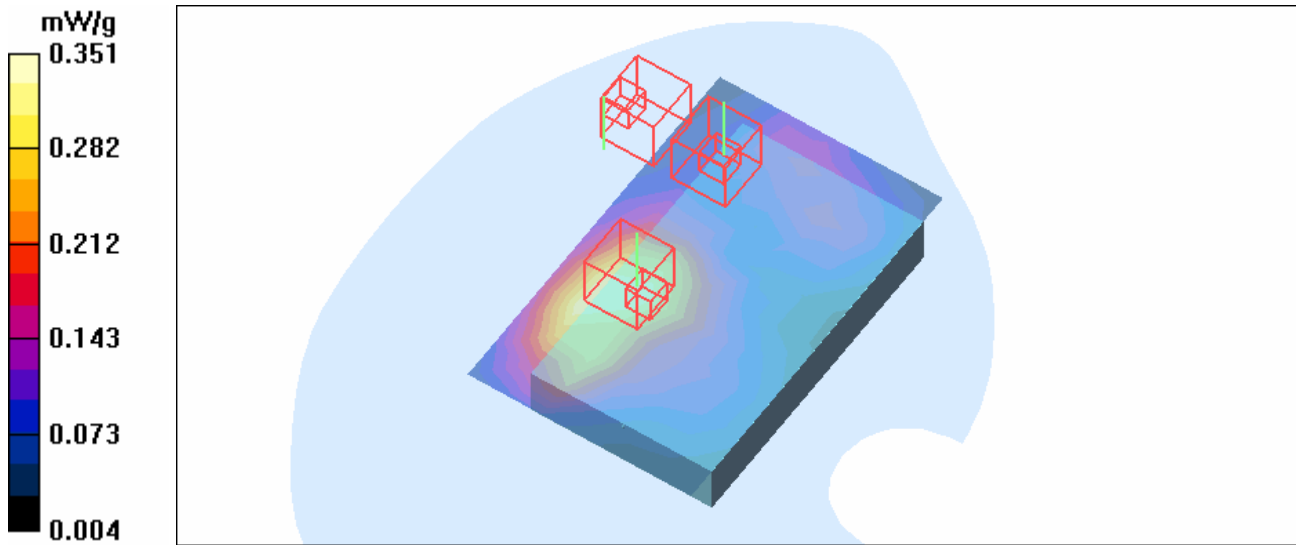
**Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.82 V/m

Peak SAR (extrapolated) = 0.010 W/kg

**SAR(1 g) = 0.0078 mW/g; SAR(10 g) = 0.00718 mW/g**

Maximum value of SAR (measured) = 0.010 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;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  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. : 22.6 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- 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

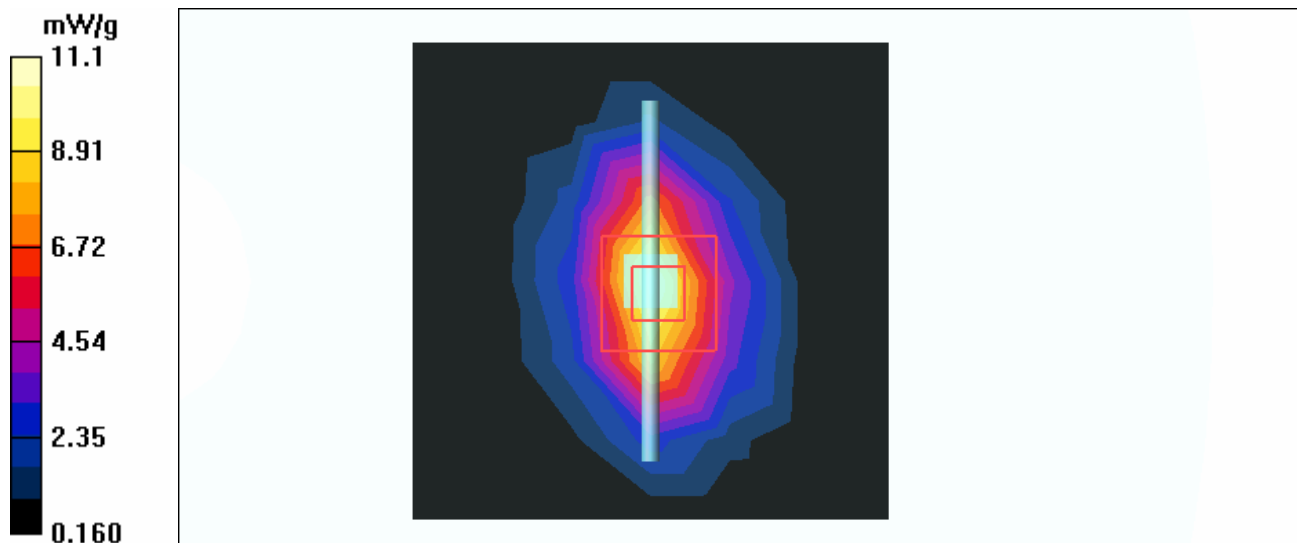
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.5 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 17.2 W/kg

**SAR(1 g) = 9.82 mW/g; SAR(10 g) = 5.15 mW/g**

Maximum value of SAR (measured) = 11.1 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;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 51.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level : 152 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: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- 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) = 11.4 mW/g

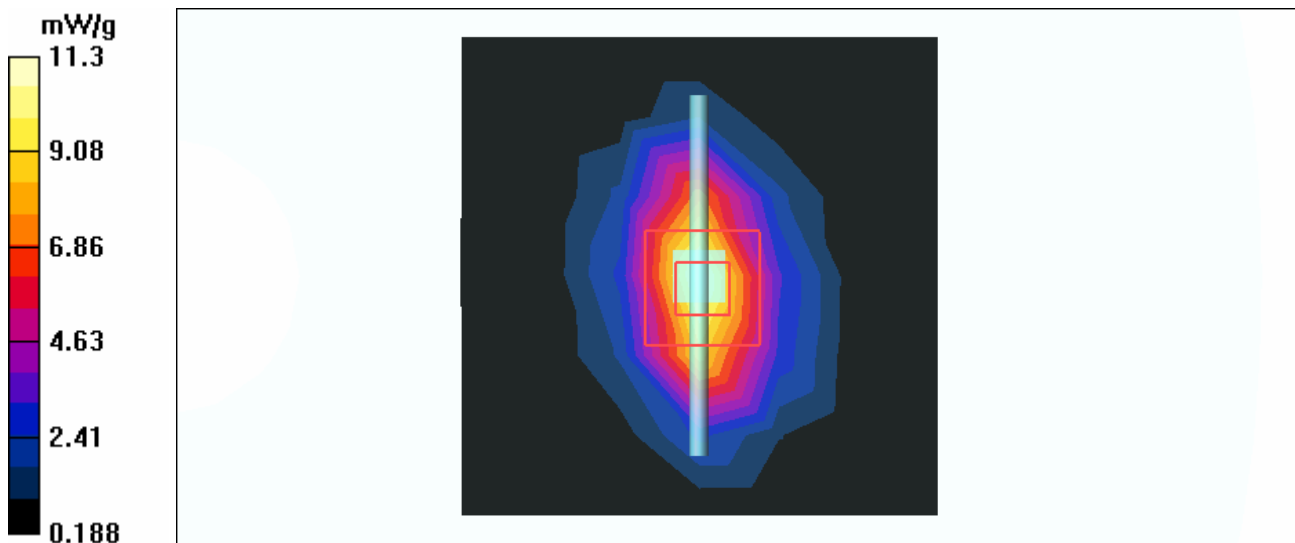
**d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.8 V/m; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 10 mW/g; SAR(10 g) = 5.27 mW/g**

Maximum value of SAR (measured) = 11.3 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;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 38.9$ ;  $\rho = 1000$  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. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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) = 15.5 mW/g

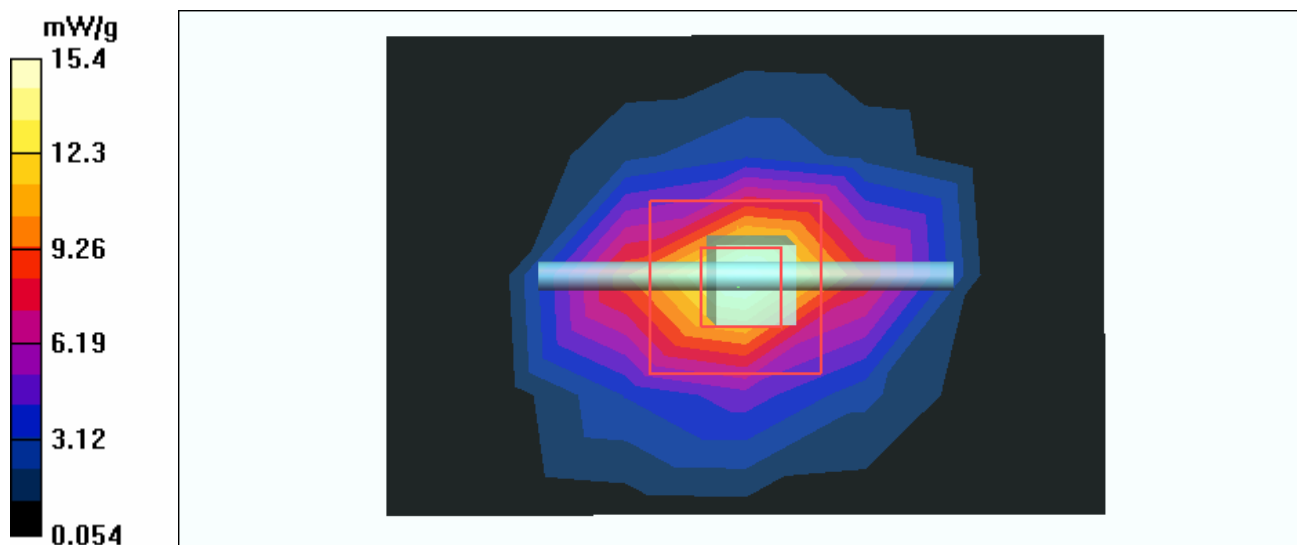
**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 98.7 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 29.9 W/kg

**SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.16 mW/g**

Maximum value of SAR (measured) = 15.4 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;  $\sigma = 1.84$  mho/m;  $\epsilon_r = 38.4$ ;  $\rho = 1000$  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. : 22.7 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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) = 15.6 mW/g

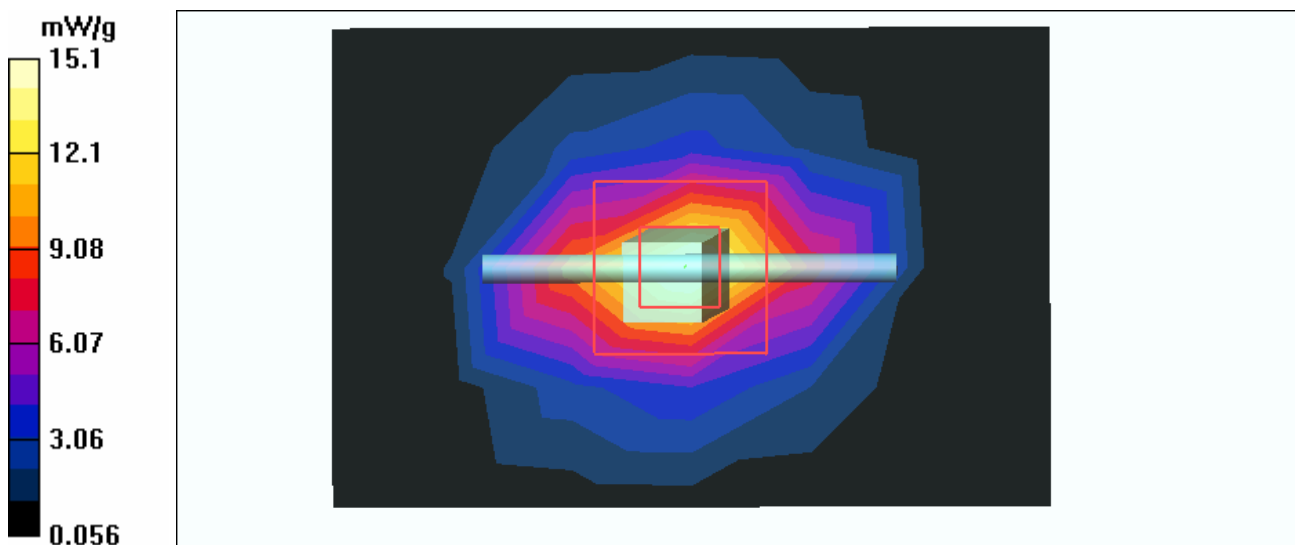
**d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 97.3 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 29.3 W/kg

**SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.16 mW/g**

Maximum value of SAR (measured) = 15.1 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;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 50.4$ ;  $\rho = 1000$  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: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- 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) = 16.0 mW/g

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

Reference Value = 94.0 V/m; Power Drift = -0.196 dB

Peak SAR (extrapolated) = 32.7 W/kg

**SAR(1 g) = 14.2 mW/g; SAR(10 g) = 6.43 mW/g**

Maximum value of SAR (measured) = 15.9 mW/g

