

# APPENDIX A: TEST CONFIGURATIONS AND TEST DATA

## A1: TEST CONFIGURATION

### Right Head Cheek Position



## Right Head Tilt Position



## Left Head Cheek Position



## Left Head Tilt Position



## Body Worn Position



The front of the EUT to the flat phantom distance 0 mm



# EUT Photo





# Liquid Level Photo

Tissue HSL2450MHz D=151mm(Date:2005/9/28)



Tissue HSL2450MHz D=150mm(Date:2005/9/29)

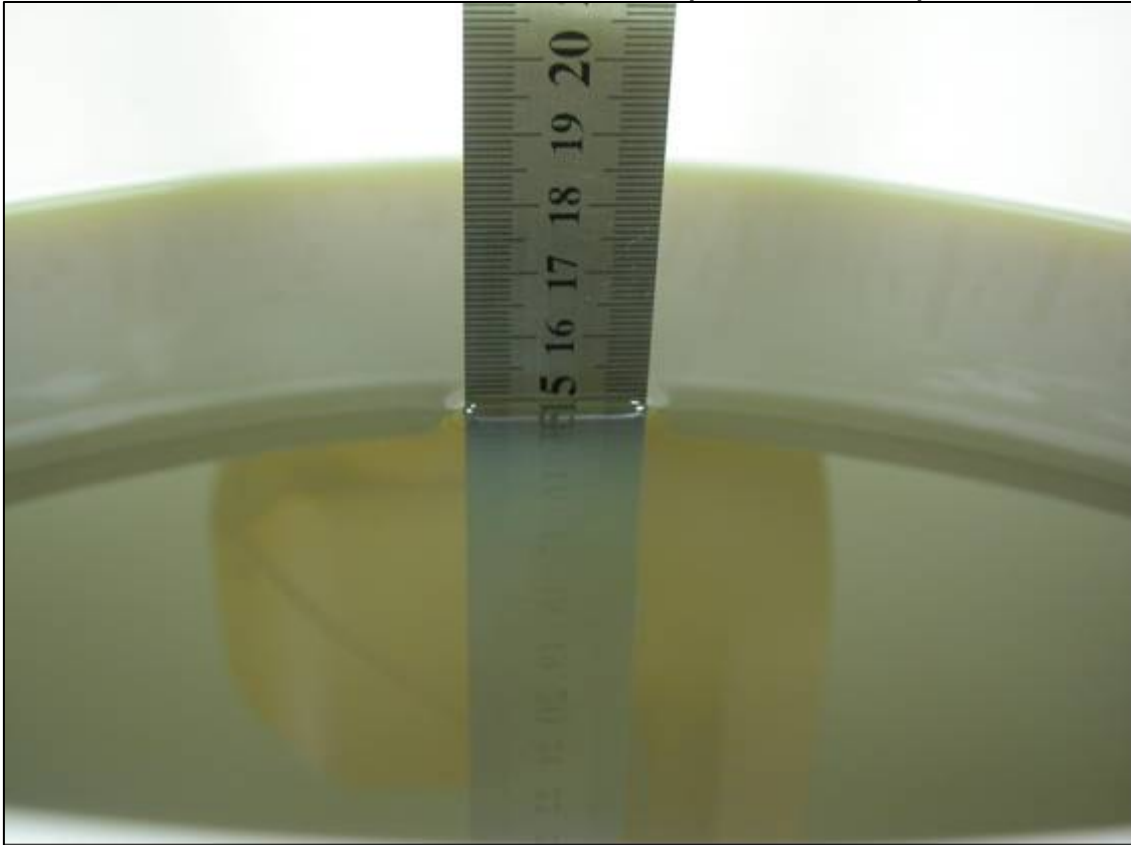




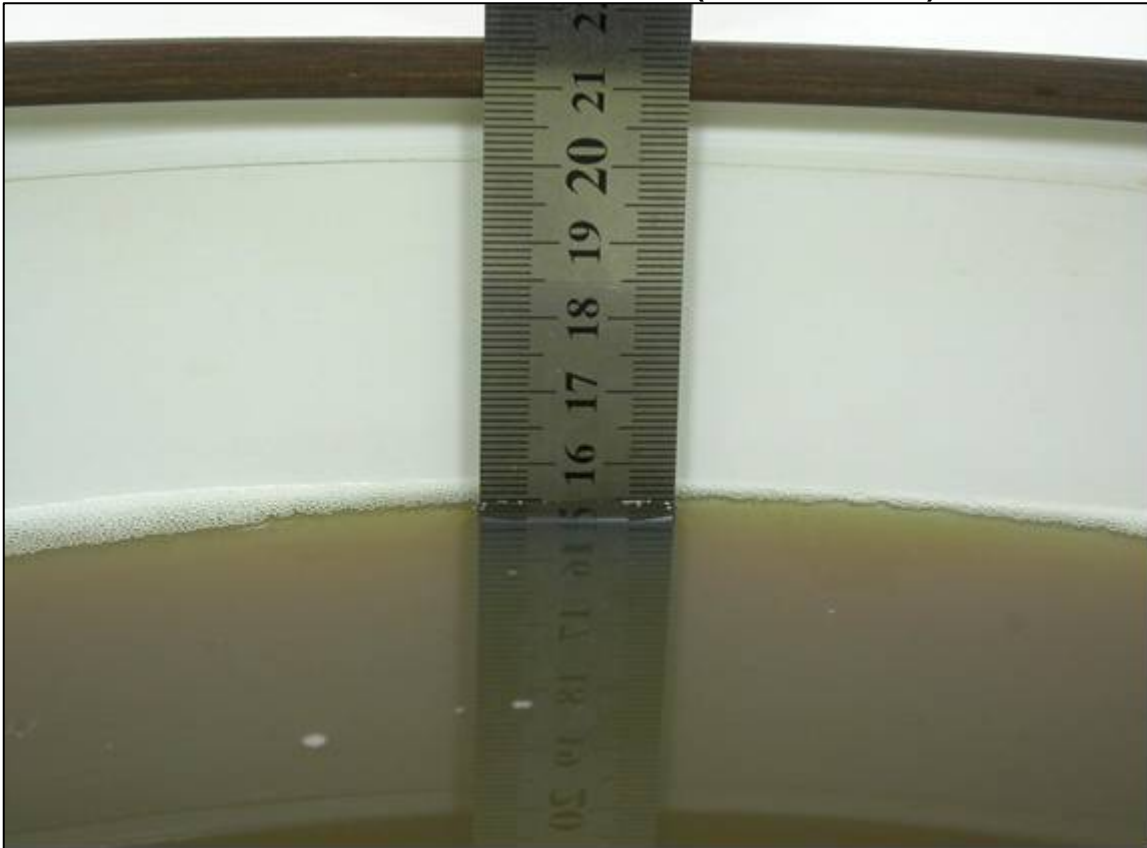
Tissue MSL2450MHz D=152mm(Date:2005/10/1)



**Tissue HSL5800MHz D=150mm(Date:2005/10/5)**



**Tissue MSL5800MHz D=155mm(Date:2005/10/6)**



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11b-Ch1-Mode 1

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Low Channel 1/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

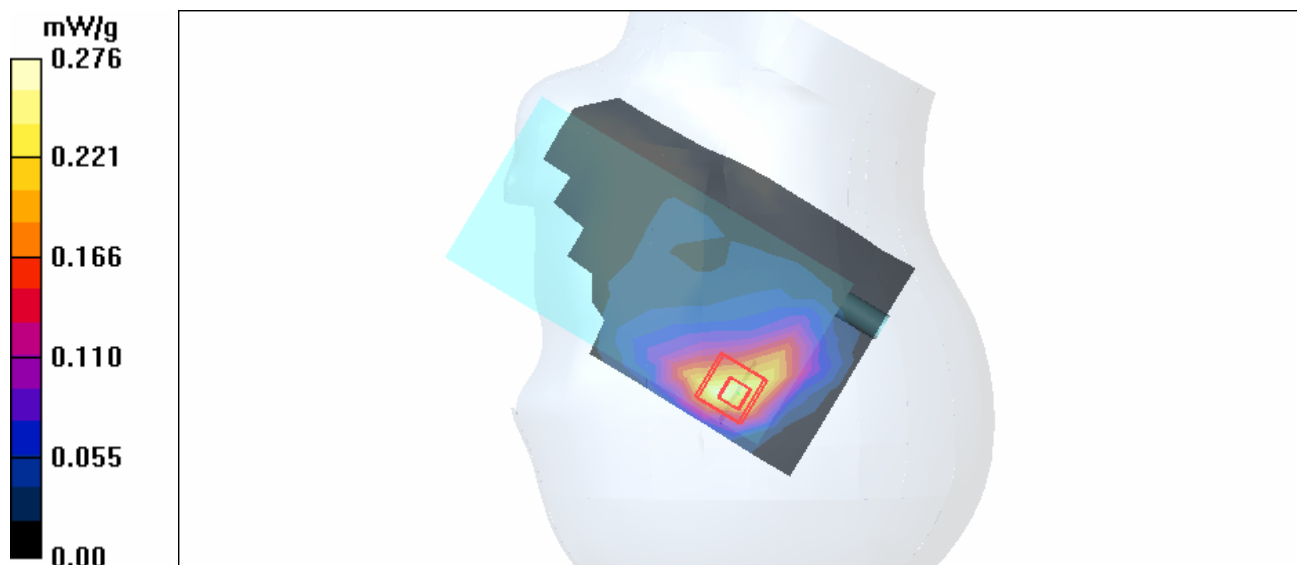
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.7 V/m

Peak SAR (extrapolated) = 0.484 W/kg

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.132 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11b-Ch6-Mode 1

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

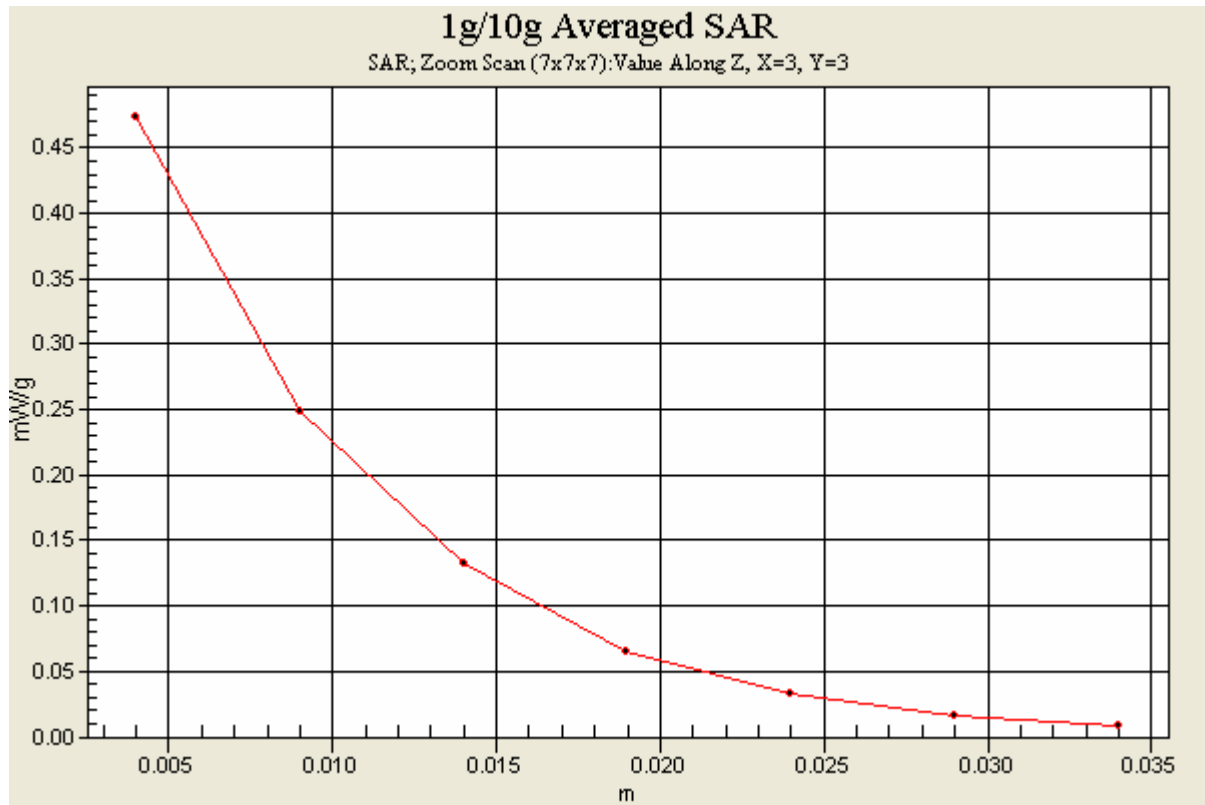
DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.474 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 14.1 V/m  
Peak SAR (extrapolated) = 0.900 W/kg  
**SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.229 mW/g**







Test Laboratory: Advance Data Technology

## Right Head-Cheek-11b-Ch11-Mode 1

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - High Channel 11/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.224 mW/g

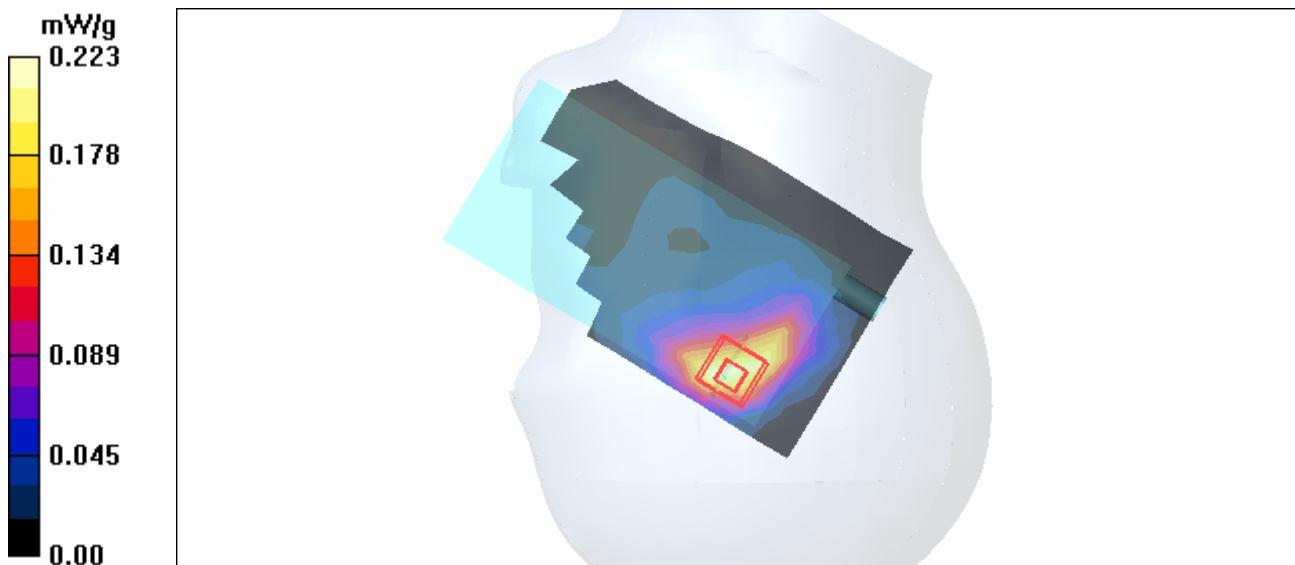
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.74 V/m

Peak SAR (extrapolated) = 0.445 W/kg

**SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.108 mW/g**

Maximum value of SAR (measured) = 0.223 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11b-Ch1-Mode 2

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

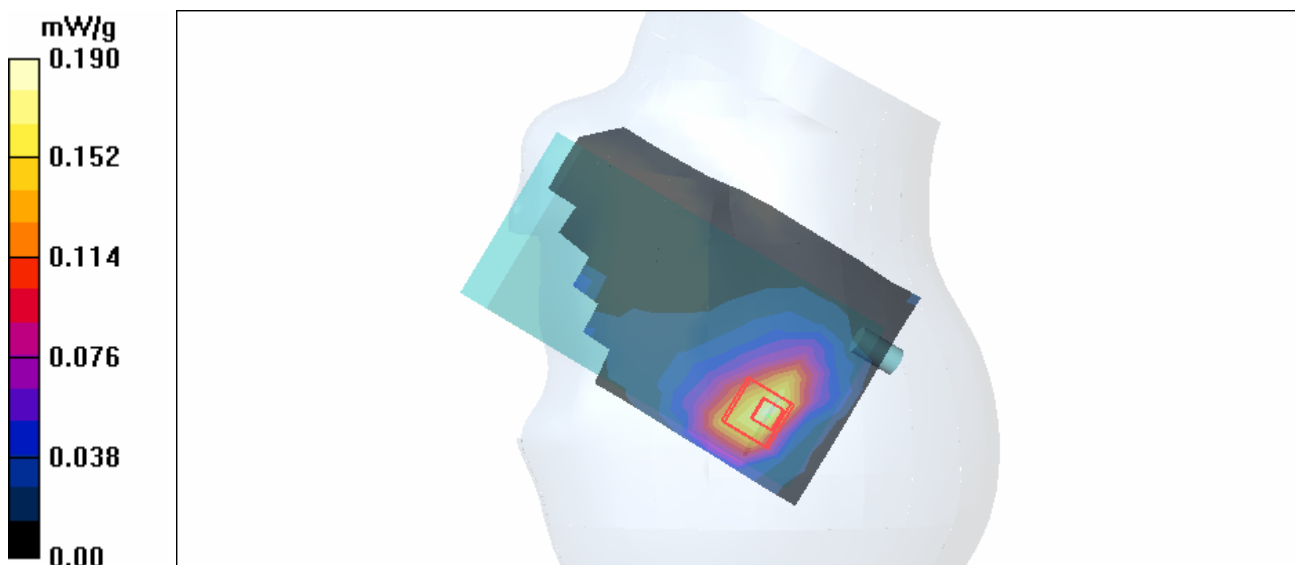
Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Low Channel 1/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.188 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 9.38 V/m  
Peak SAR (extrapolated) = 0.396 W/kg  
**SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.090 mW/g**  
Maximum value of SAR (measured) = 0.190 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11b-Ch6-Mode 2

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.338 mW/g

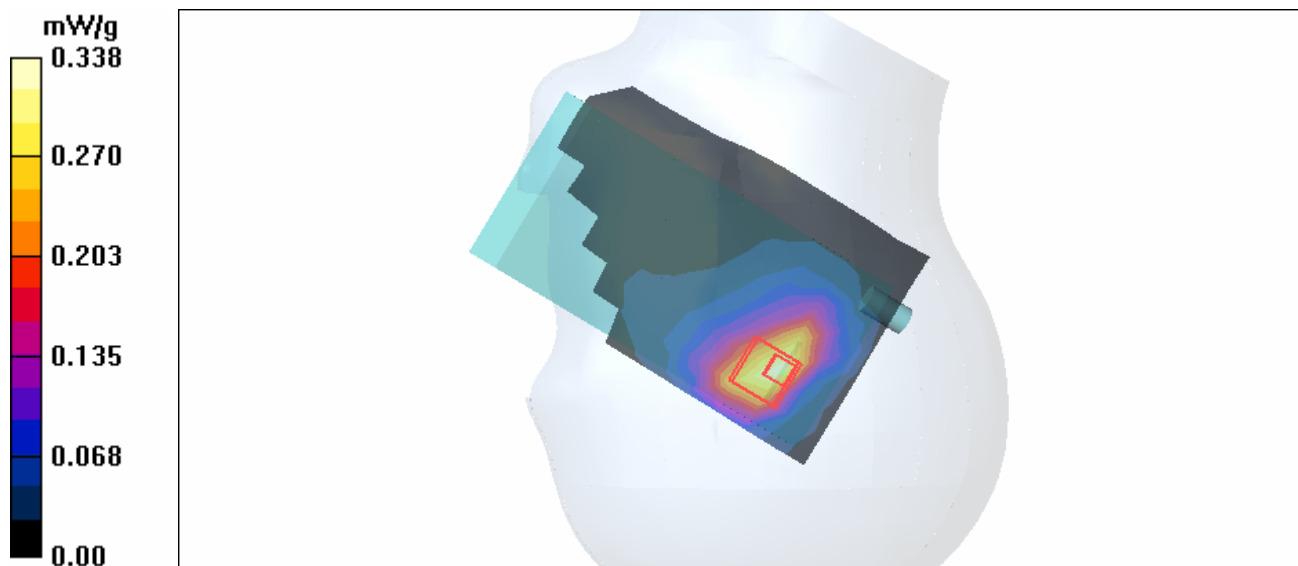
**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

Reference Value = 12.7 V/m

Peak SAR (extrapolated) = 0.748 W/kg

**SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.161 mW/g**



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11b-Ch11-Mode 2

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - High Channel 11/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

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

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

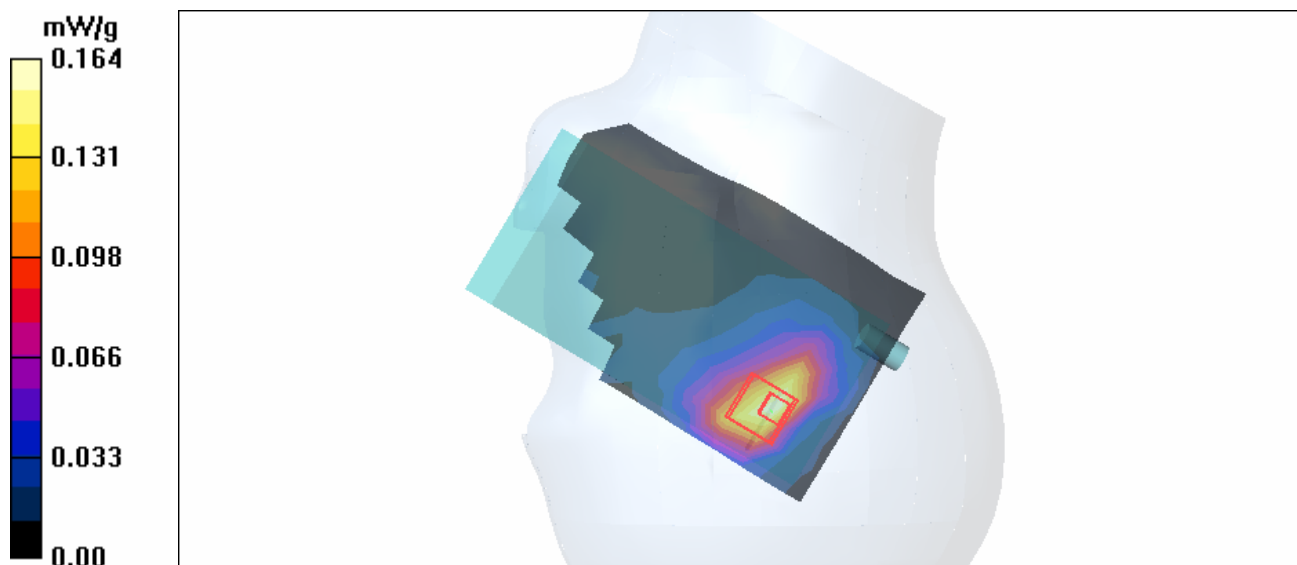
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.83 V/m

Peak SAR (extrapolated) = 0.363 W/kg

**SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.164 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11b-Ch1-Mode 3**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.75 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Low Channel 1/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.184 mW/g

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

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

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 0.387 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.197 mW/g

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

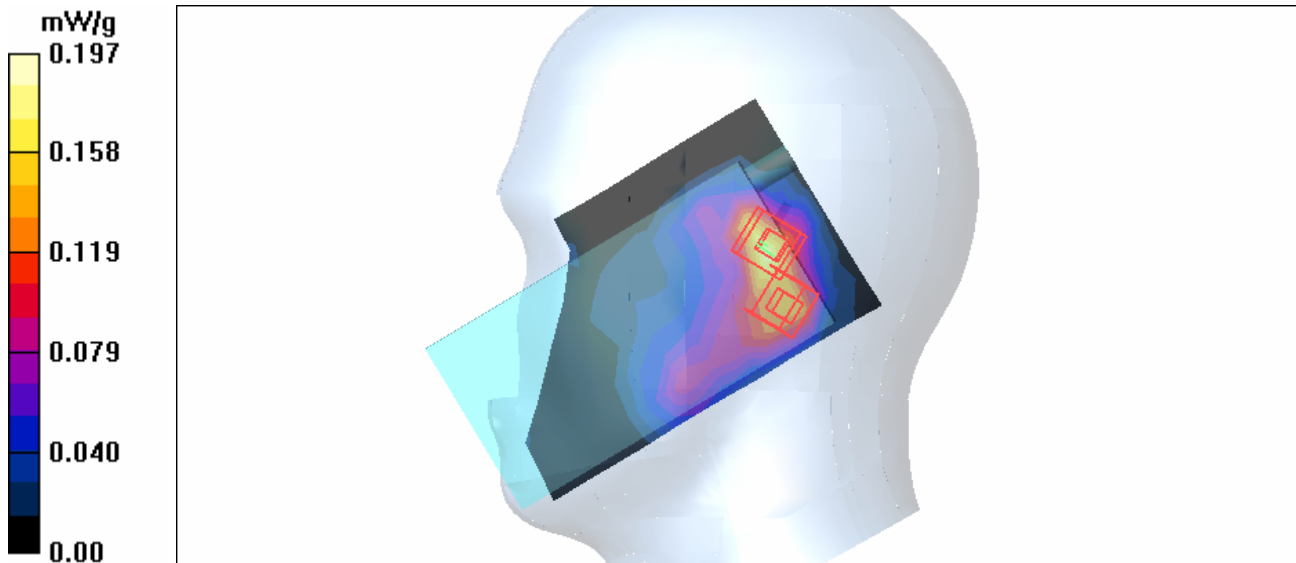
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 0.371 W/kg

**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.185 mW/g





Test Laboratory: Advance Data Technology

### Left Head-Cheek-11b-Ch6-Mode 3

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.300 mW/g

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

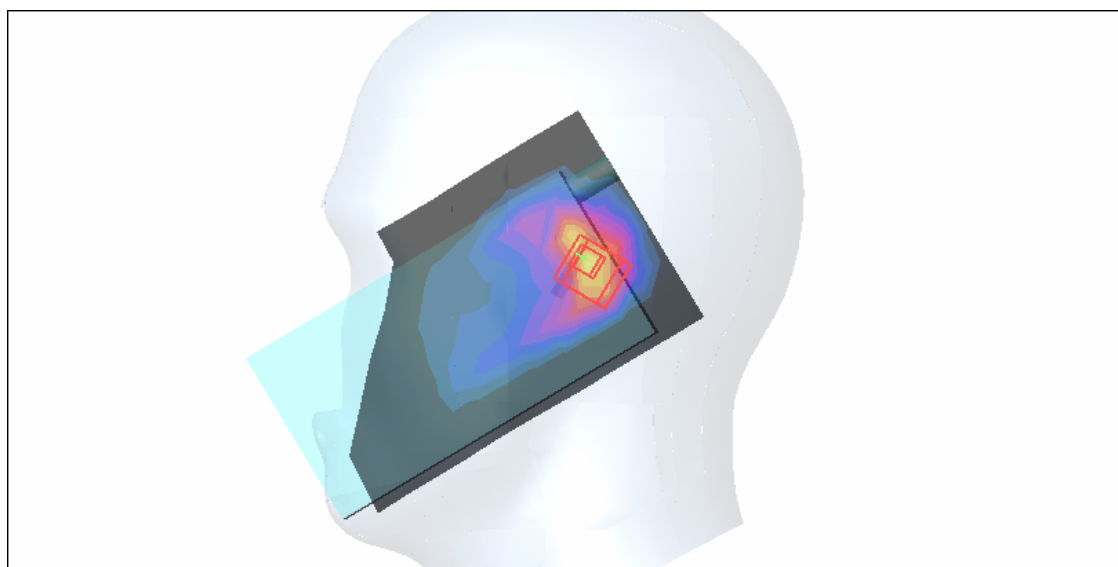
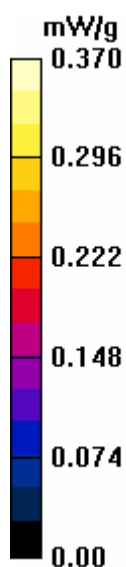
dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m

Peak SAR (extrapolated) = 0.741 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.150 mW/g**

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



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11b-Ch11-Mode 3**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - High Channel 11/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.165 mW/g

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

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.343 W/kg

**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g

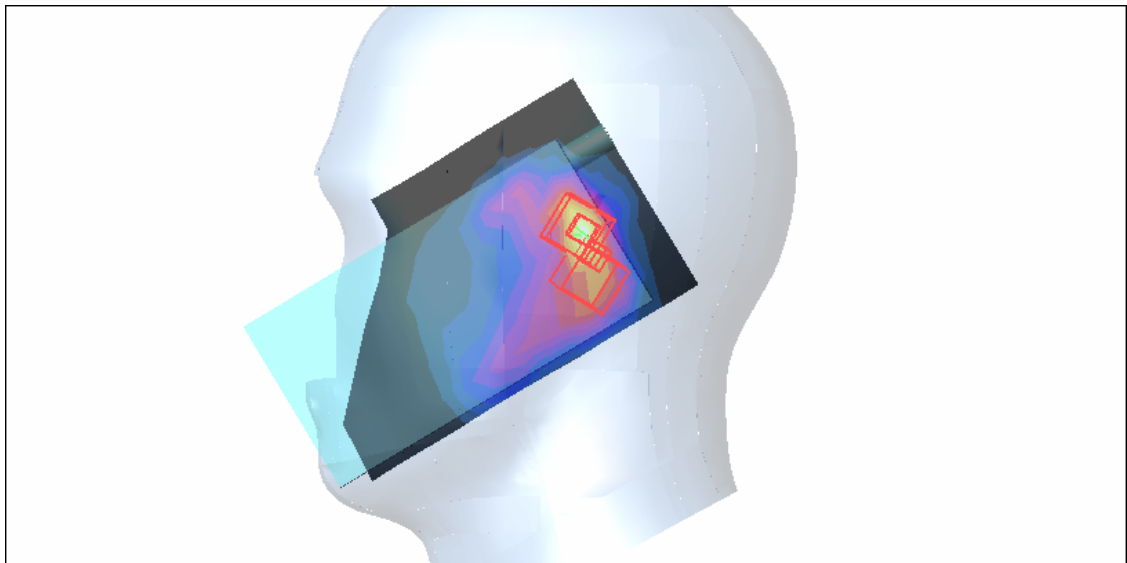
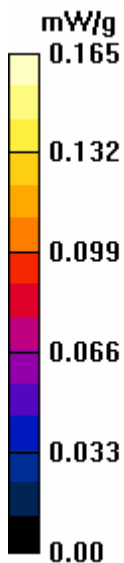
**Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.333 W/kg

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.158 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-11b-Ch1-Mode 4**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

Communication System: 802.11b ; Frequency: 2412 MHz ; Frequency: 2462 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.75 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ; Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Low Channel 1/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.162 mW/g

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

Reference Value = 10.2 V/m

Peak SAR (extrapolated) = 0.333 W/kg

**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.160 mW/g

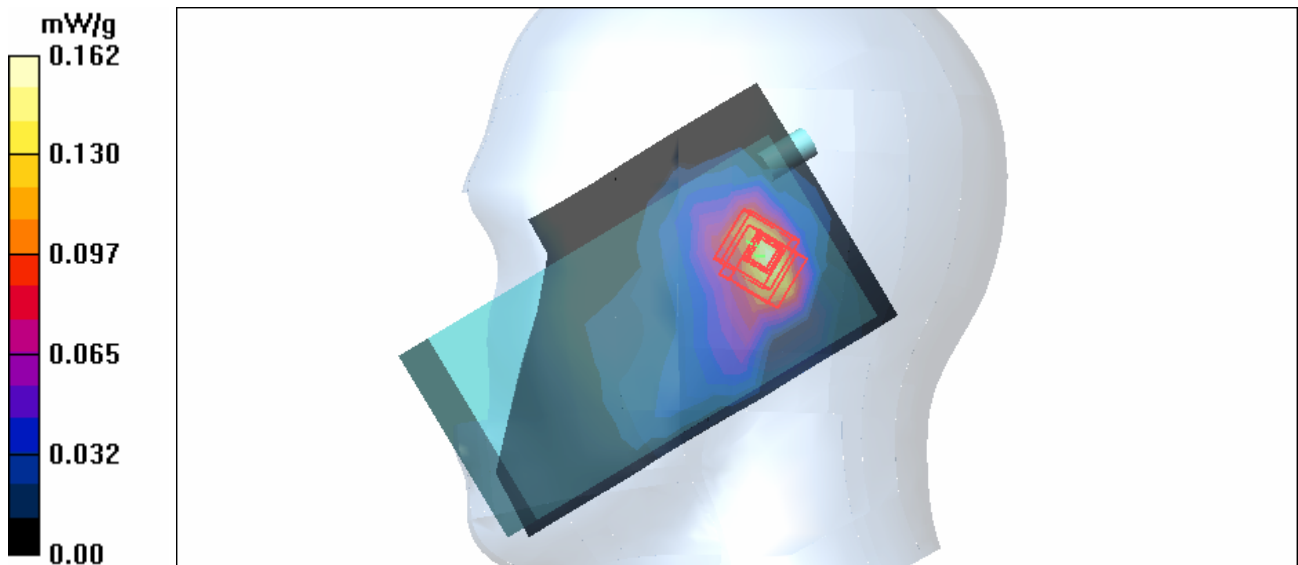
**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.6 V/m

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.067 mW/g**

Maximum value of SAR (measured) = 0.151 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-11b-Ch6-Mode 4

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

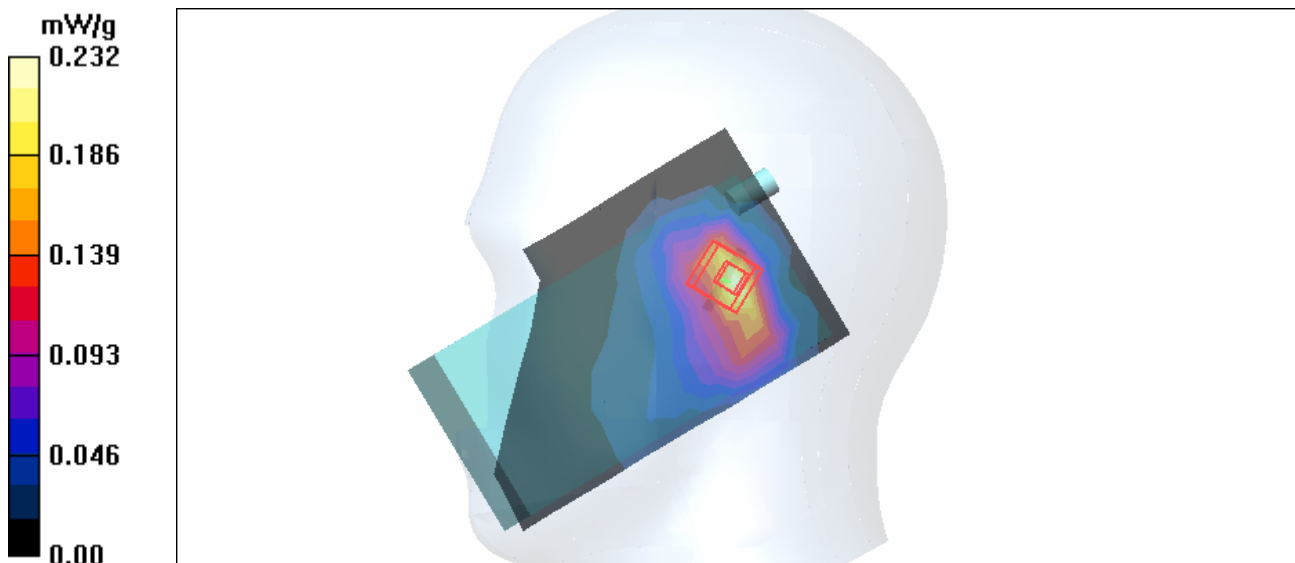
Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.233 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 12.0 V/m  
Peak SAR (extrapolated) = 0.459 W/kg  
**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.104 mW/g**  
Maximum value of SAR (measured) = 0.232 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-11b-Ch11-Mode 4**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - High Channel 11/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.141 mW/g

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

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

Reference Value = 9.44 V/m

Peak SAR (extrapolated) = 0.285 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.144 mW/g

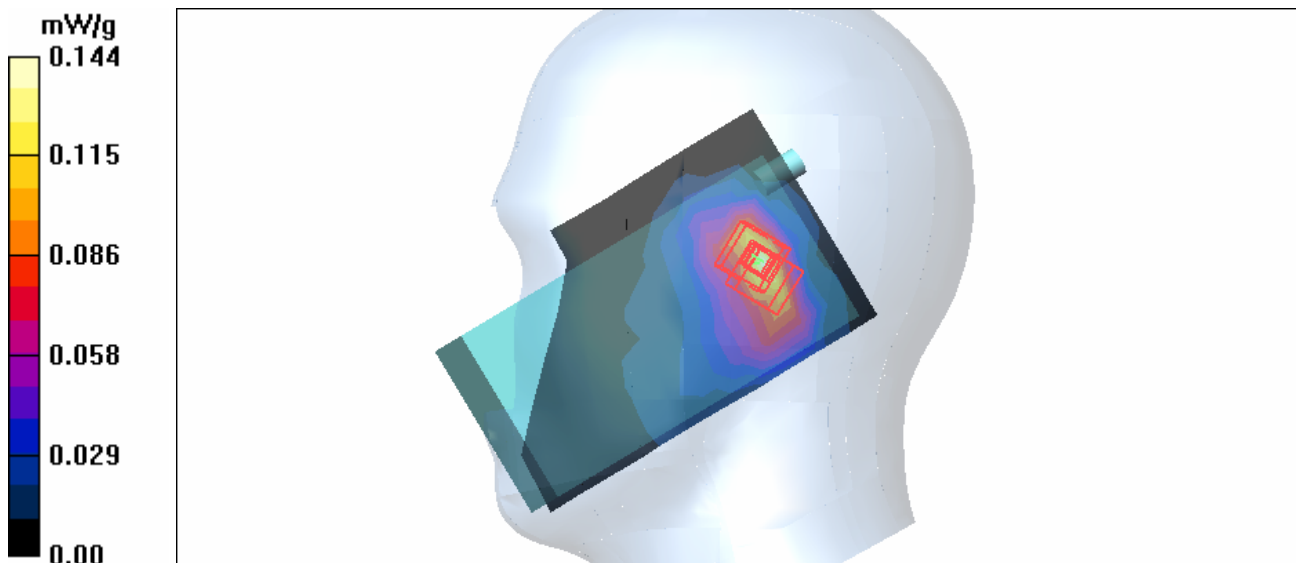
**Tilt position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:

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

Reference Value = 9.44 V/m

Peak SAR (extrapolated) = 0.287 W/kg

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.059 mW/g**





Test Laboratory: Advance Data Technology

## Body Worn-11b-Ch1-Kepad Up-Mode 5

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Medium: MSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

**Low Channel 1/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.067 mW/g

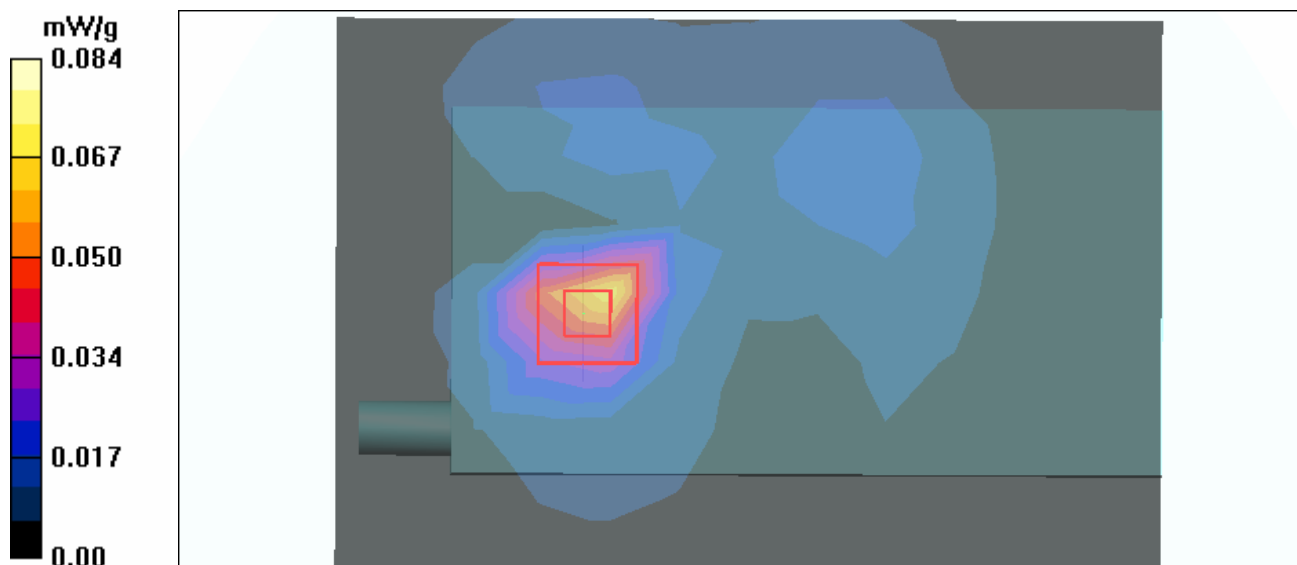
**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.93 V/m

Peak SAR (extrapolated) = 0.122 W/kg

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.084 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-11b-Ch6-Keypad Up-Mode 5

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

**Mid Channel 6/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.087 mW/g

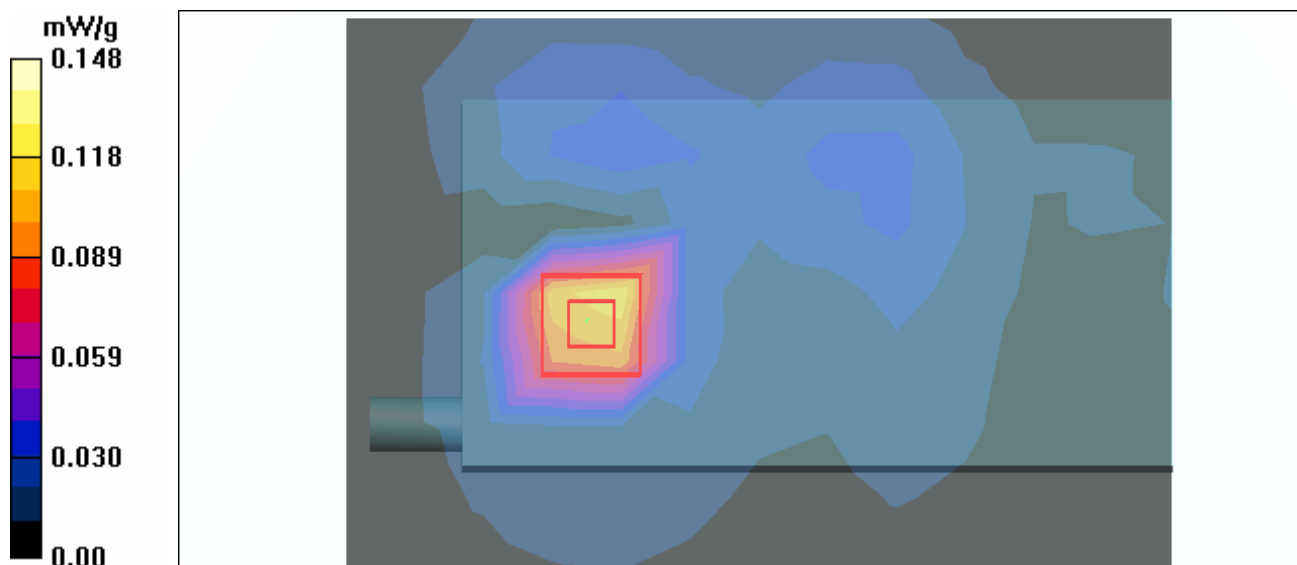
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

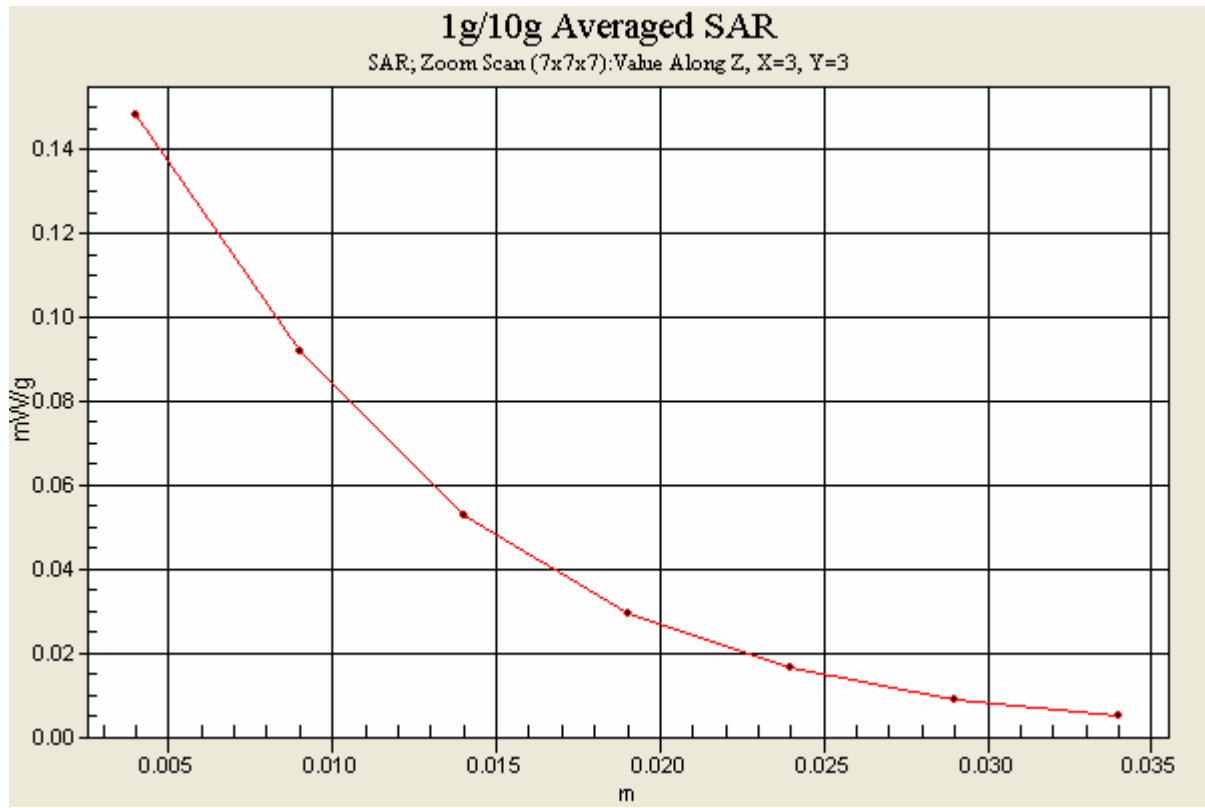
Reference Value = 2.53 V/m

Peak SAR (extrapolated) = 0.215 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.148 mW/g





Test Laboratory: Advance Data Technology

## Body Worn-11b-Ch11-Keypad Up-Mode 5

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1  
 Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: CCK  
 Separation Distance : 0 mm ( The front side of the EUT to the Phantom)  
 Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

**High Channel 11/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.044 mW/g

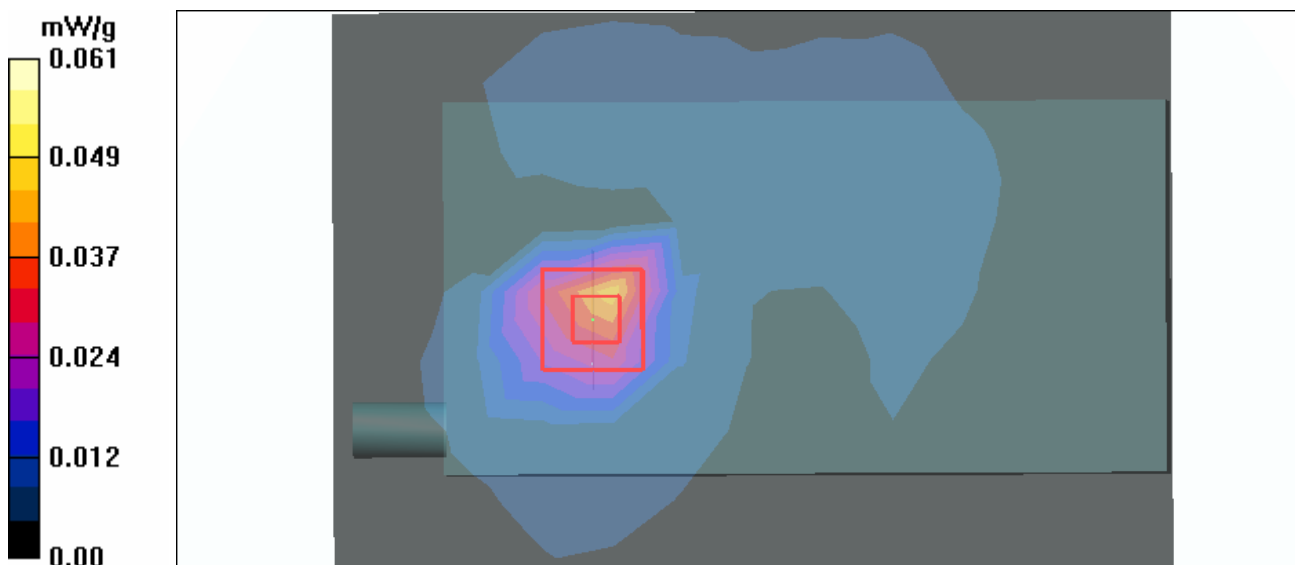
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.55 V/m

Peak SAR (extrapolated) = 0.091 W/kg

**SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.061 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11g-Ch1-Mode 6

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Low Channel 1/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.165 mW/g

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

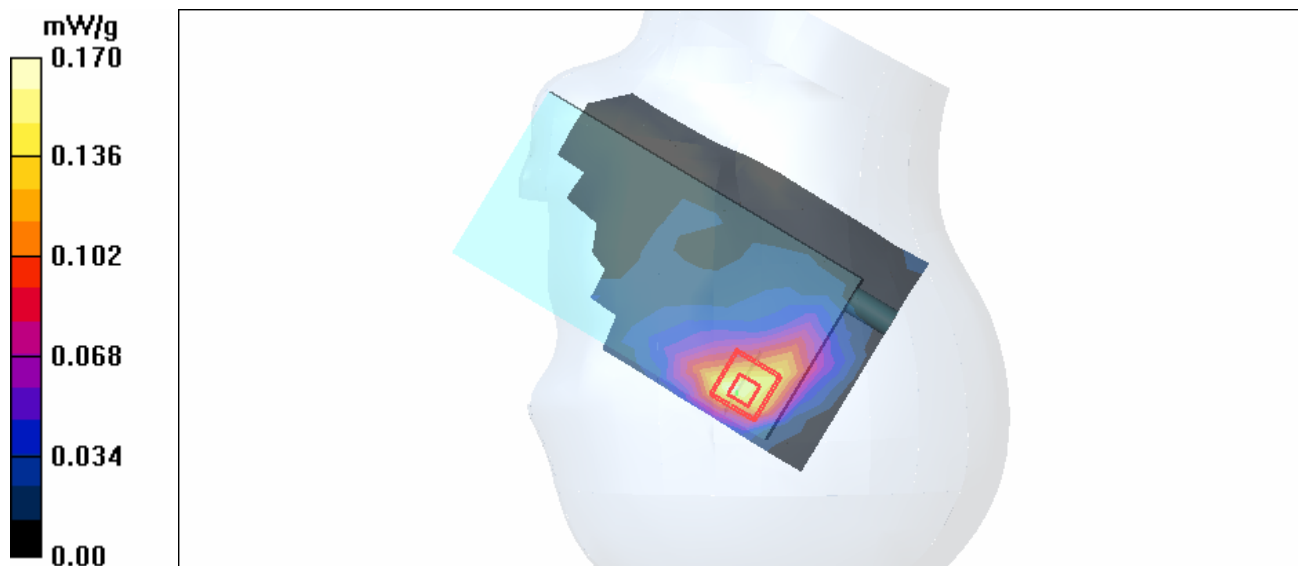
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.03 V/m

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.083 mW/g**

Maximum value of SAR (measured) = 0.170 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11g-Ch6-Mode 6

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

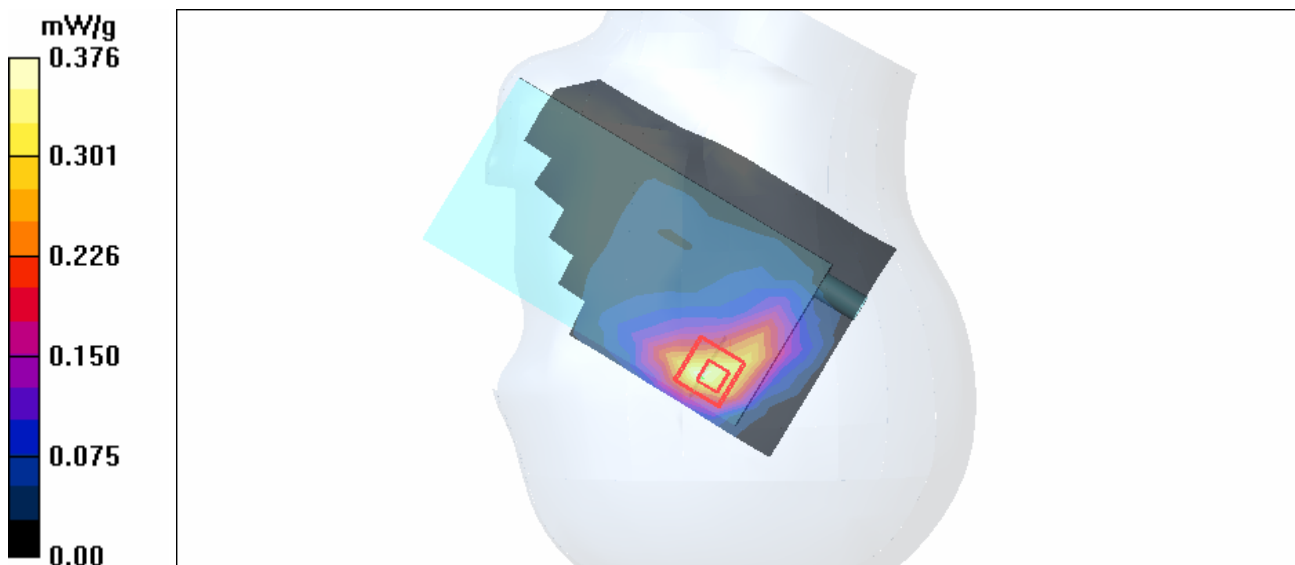
Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.371 mW/g

**Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 11.8 V/m  
Peak SAR (extrapolated) = 0.682 W/kg  
**SAR(1 g) = 0.343 mW/g; SAR(10 g) = 0.181 mW/g**  
Maximum value of SAR (measured) = 0.376 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-11g-Ch11-Mode 6

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - High Channel 11/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.204 mW/g

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

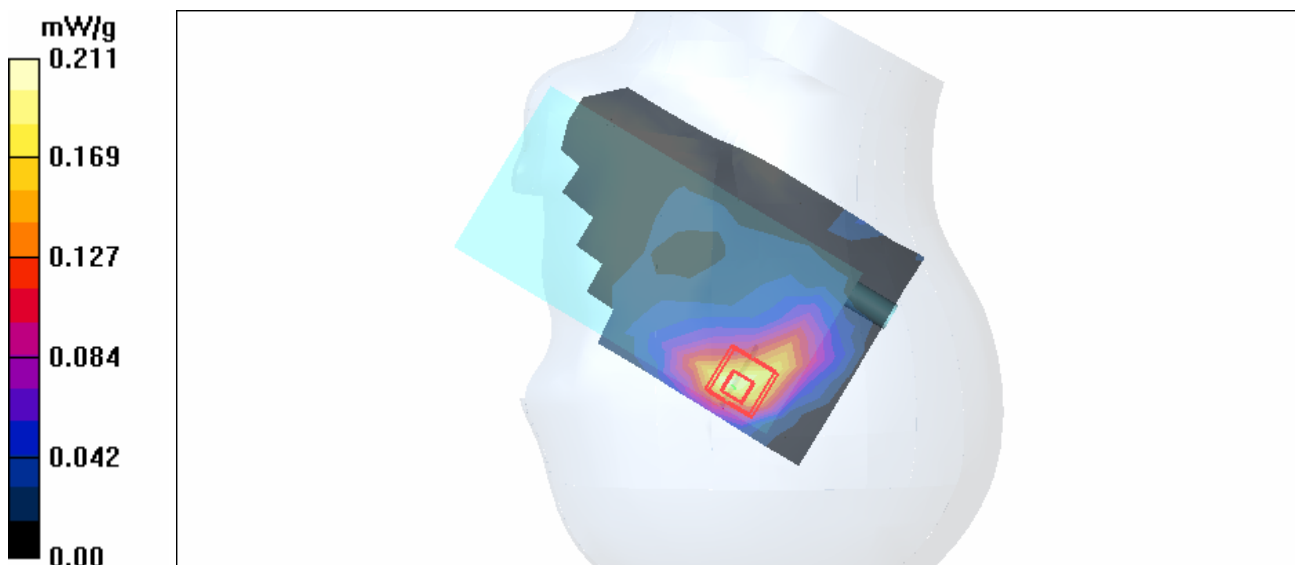
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.67 V/m

Peak SAR (extrapolated) = 0.372 W/kg

**SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.099 mW/g**

Maximum value of SAR (measured) = 0.211 mW/g





Test Laboratory: Advance Data Technology

## Right Head-Tilt-11g-Ch1-Mode 7

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

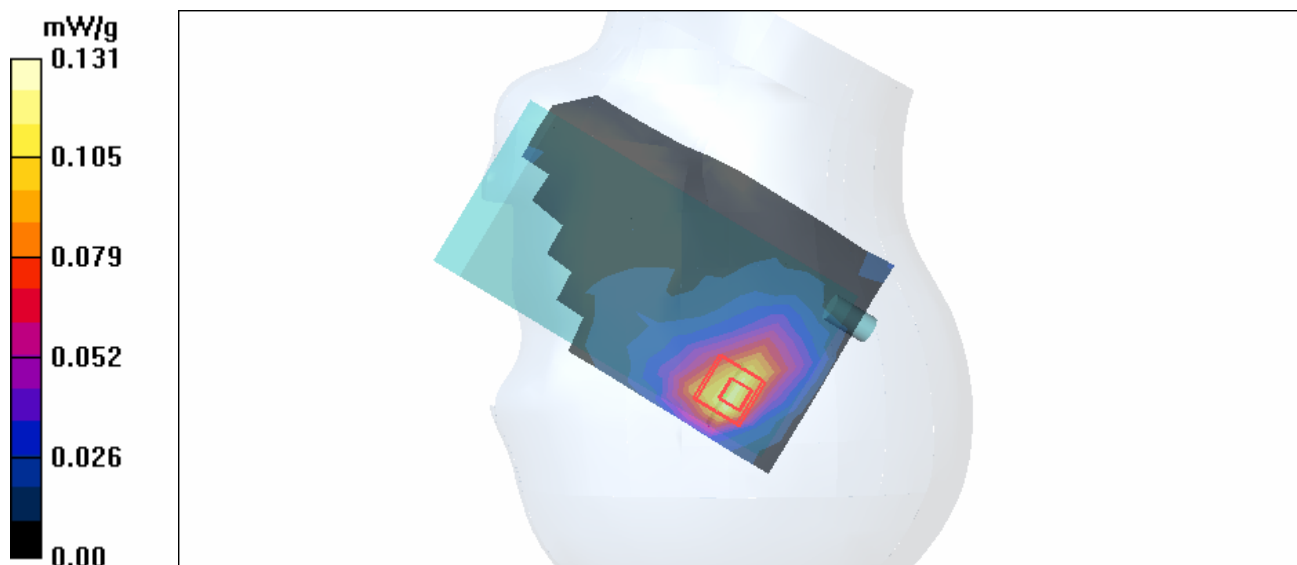
Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Low Channel 1/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.118 mW/g

**Tilt position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 6.80 V/m  
Peak SAR (extrapolated) = 0.273 W/kg  
**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.063 mW/g**  
Maximum value of SAR (measured) = 0.131 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11g-Ch6-Mode 7

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 151mm

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

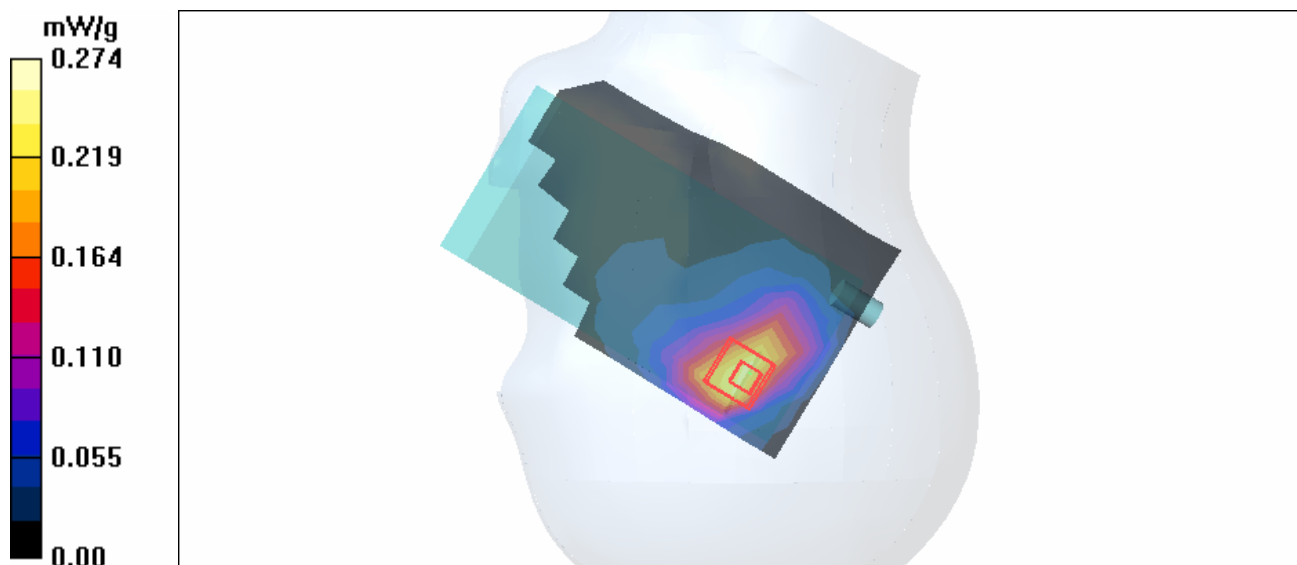
Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.245 mW/g

**Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 10.4 V/m  
Peak SAR (extrapolated) = 0.573 W/kg  
**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.131 mW/g**  
Maximum value of SAR (measured) = 0.274 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-11g-Ch11-Mode 7

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Liquid level: 151mm

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

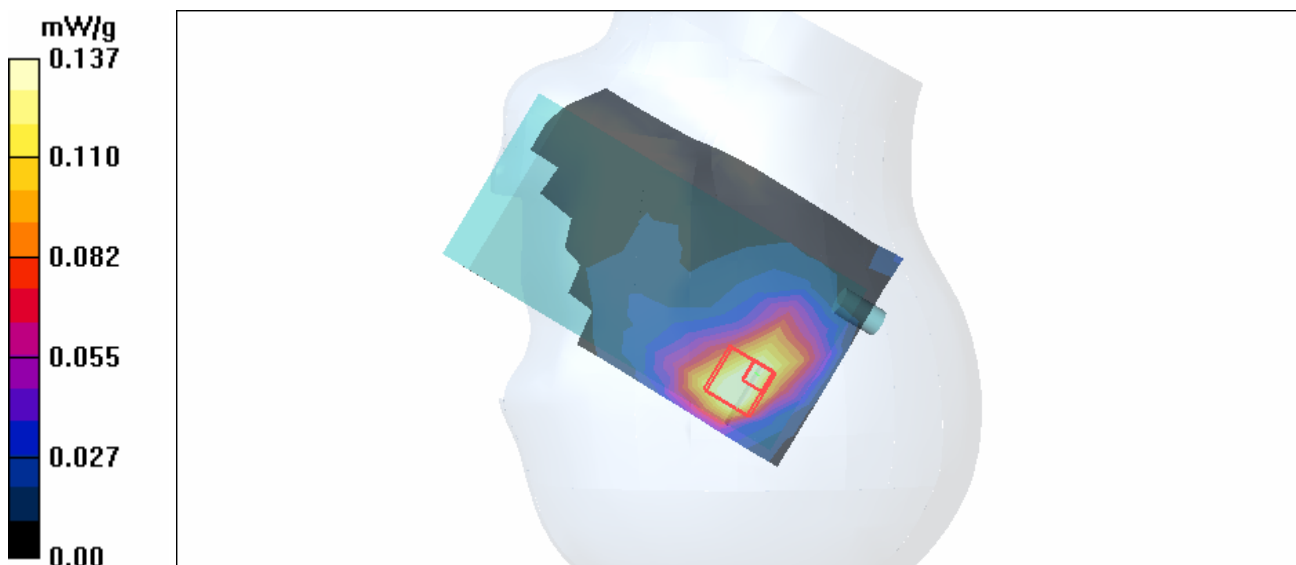
Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - High Channel 11/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 0.147 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 = 7.60 V/m  
Peak SAR (extrapolated) = 0.298 W/kg  
**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.064 mW/g**  
Maximum value of SAR (measured) = 0.137 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11g-Ch1-Mode 8**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.75$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Low Channel 1/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.117 mW/g

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

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

Reference Value = 8.47 V/m

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.120 mW/g

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

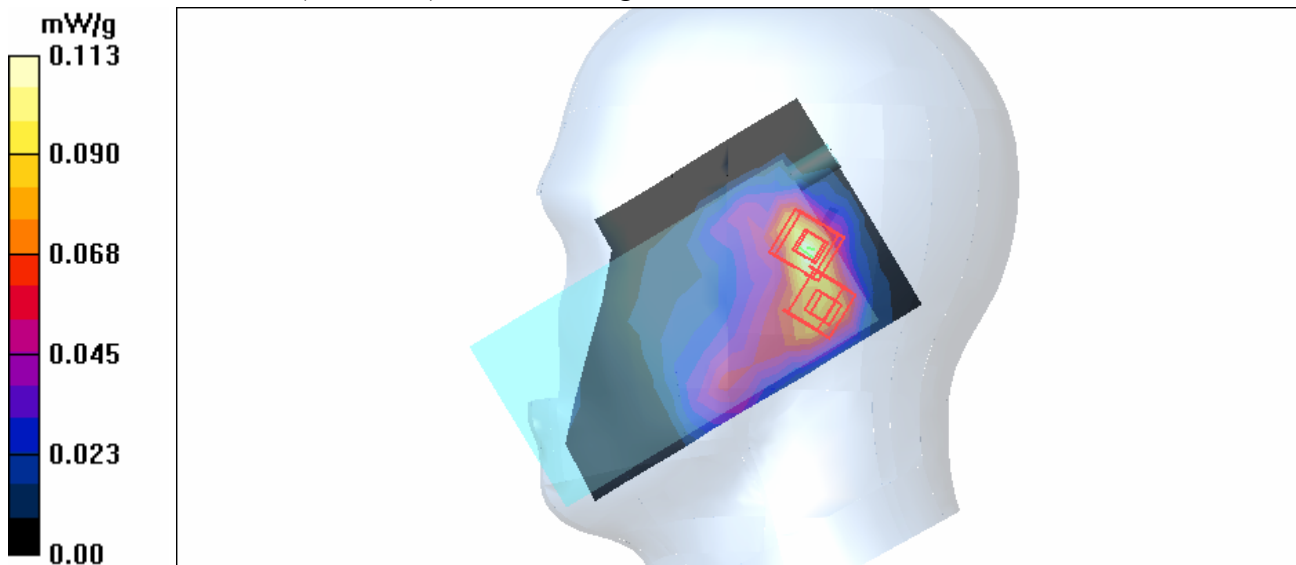
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.47 V/m

Peak SAR (extrapolated) = 0.231 W/kg

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.113 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11g-Ch6-Mode 8**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.267 mW/g

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

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

Reference Value = 12.9 V/m

Peak SAR (extrapolated) = 0.536 W/kg

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.264 mW/g

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

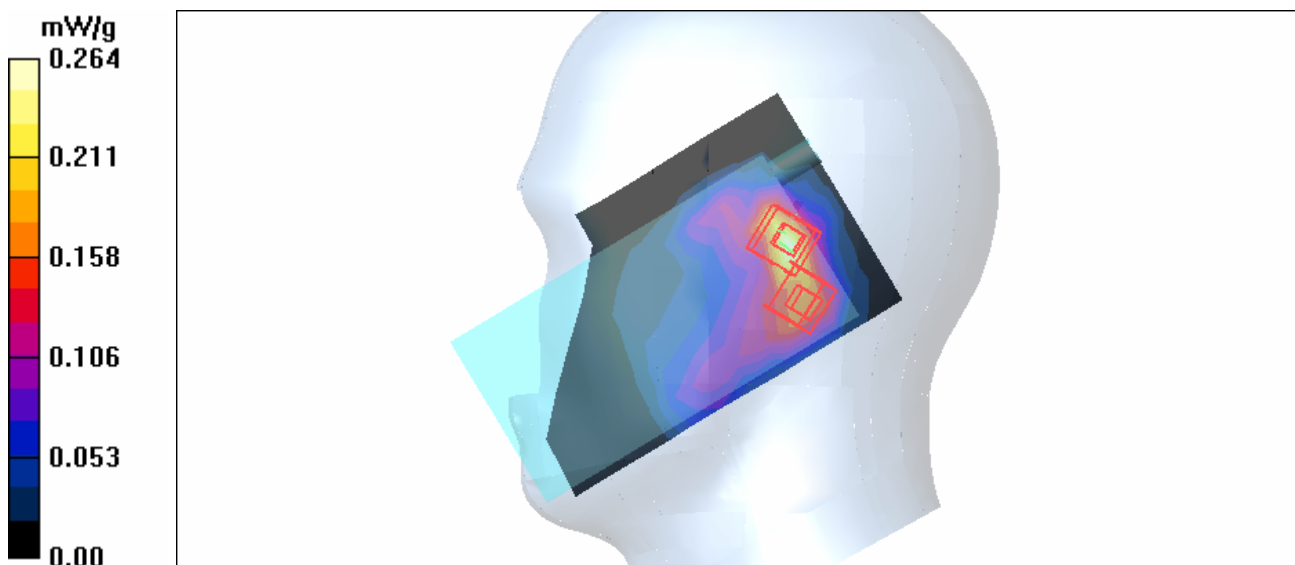
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m

Peak SAR (extrapolated) = 0.516 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.099 mW/g**

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



Test Laboratory: Advance Data Technology

**Left Head-Cheek-11g-Ch11-Mode 8**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - High Channel 11/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.134 mW/g

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

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

Reference Value = 9.08 V/m

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.138 mW/g

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

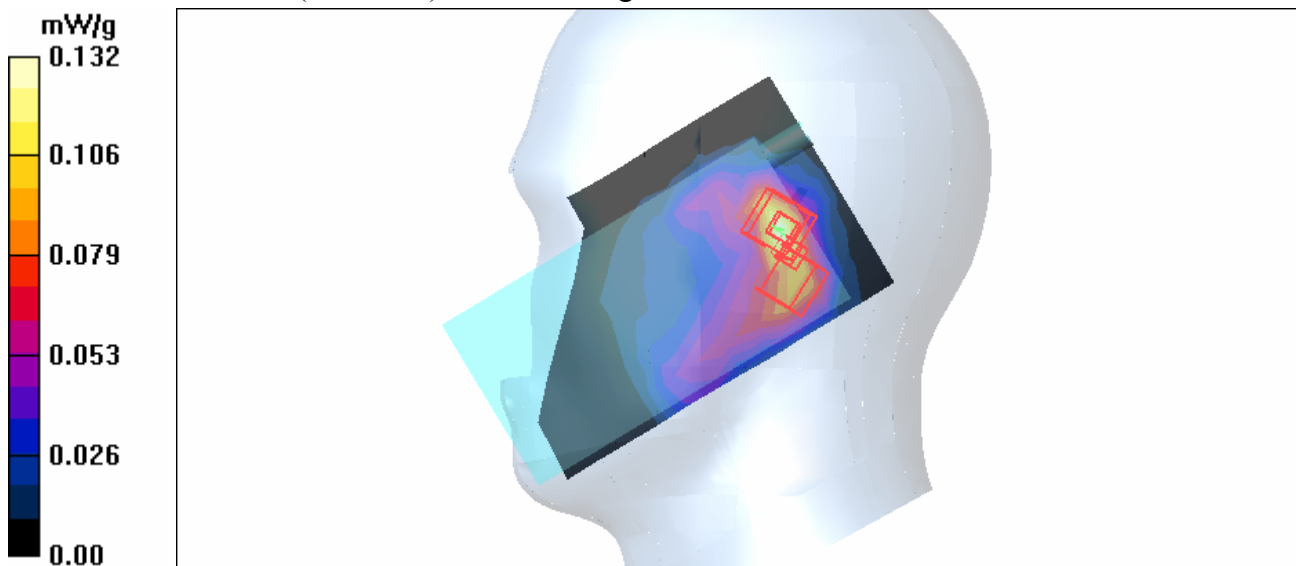
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.08 V/m

Peak SAR (extrapolated) = 0.272 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.132 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-11g-Ch1-Mode 9**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.75 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ;

Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Low Channel 1/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.098 mW/g

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

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

Reference Value = 7.99 V/m

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.047 mW/g**

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

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

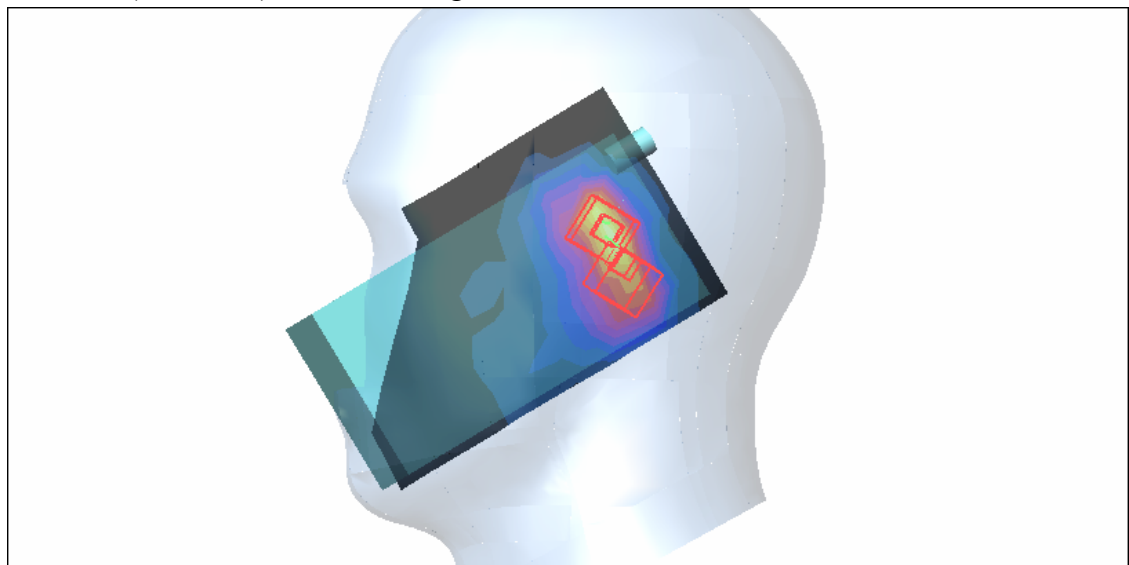
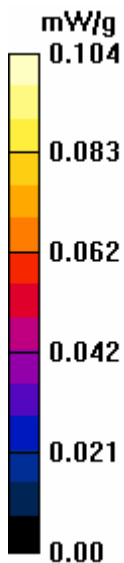
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.99 V/m

Peak SAR (extrapolated) = 0.177 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.090 mW/g





Test Laboratory: Advance Data Technology

**Left Head-Tilt-11g-Ch6-Mode 9**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid level: 151mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Mid Channel 6/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.234 mW/g

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

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

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.469 W/kg

**SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.106 mW/g**

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

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

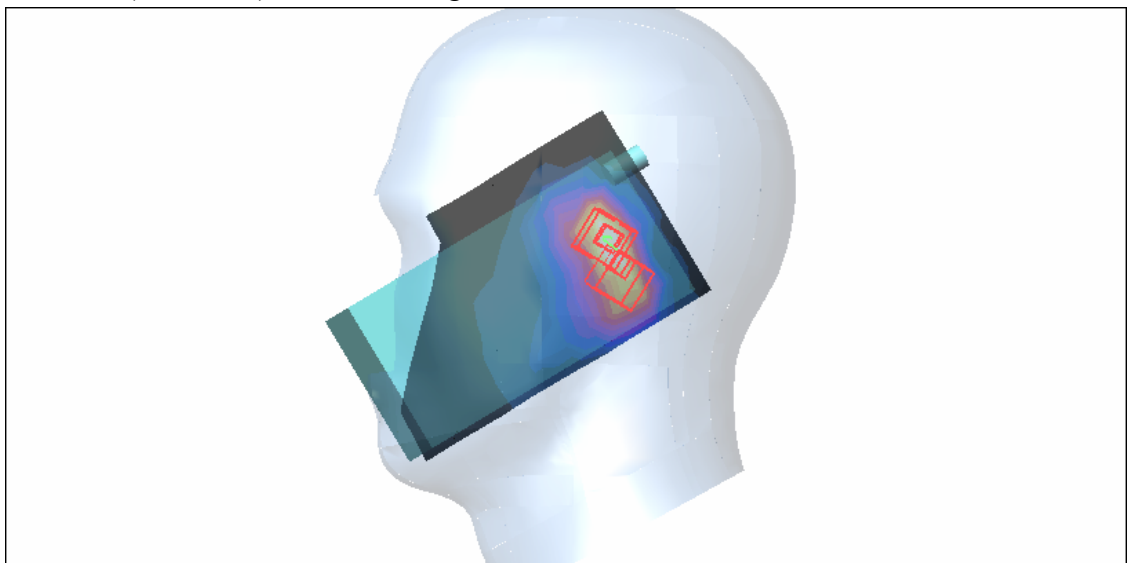
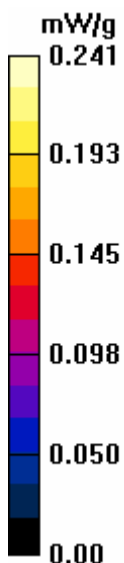
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.417 W/kg

**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.0093 mW/g**

Maximum value of SAR (measured) = 0.229 mW/g



Test Laboratory: Advance Data Technology

**Left Head-Tilt-11g-Ch11-Mode 9**

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.81 \text{ mho/m}$ ;  $\epsilon_r = 39.2$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 151mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OFDM  
 Antenna type : PIFA Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.5 degrees

**DASY4 Configuration:**

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - High Channel 11/Area Scan (8x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.130 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 = 9.00 V/m

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.059 mW/g**

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

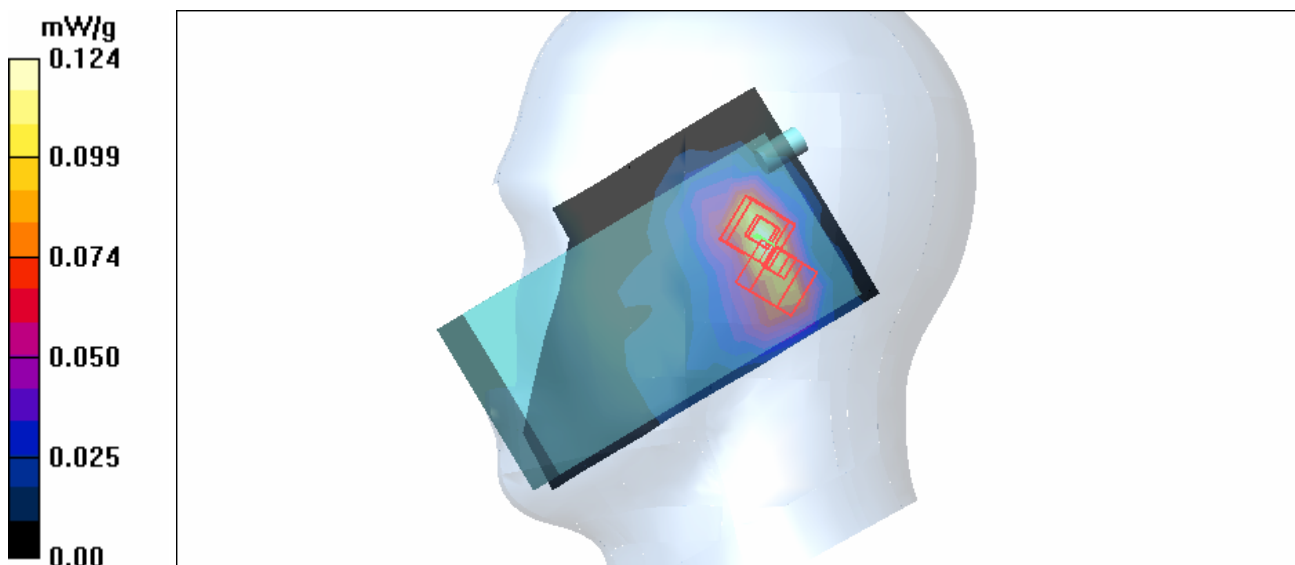
$dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.00 V/m

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.124 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-11g-Ch1-Keypad Up-Mode 10

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2412 MHz**

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

Medium: MSL2450 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

**Low Channel 1/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

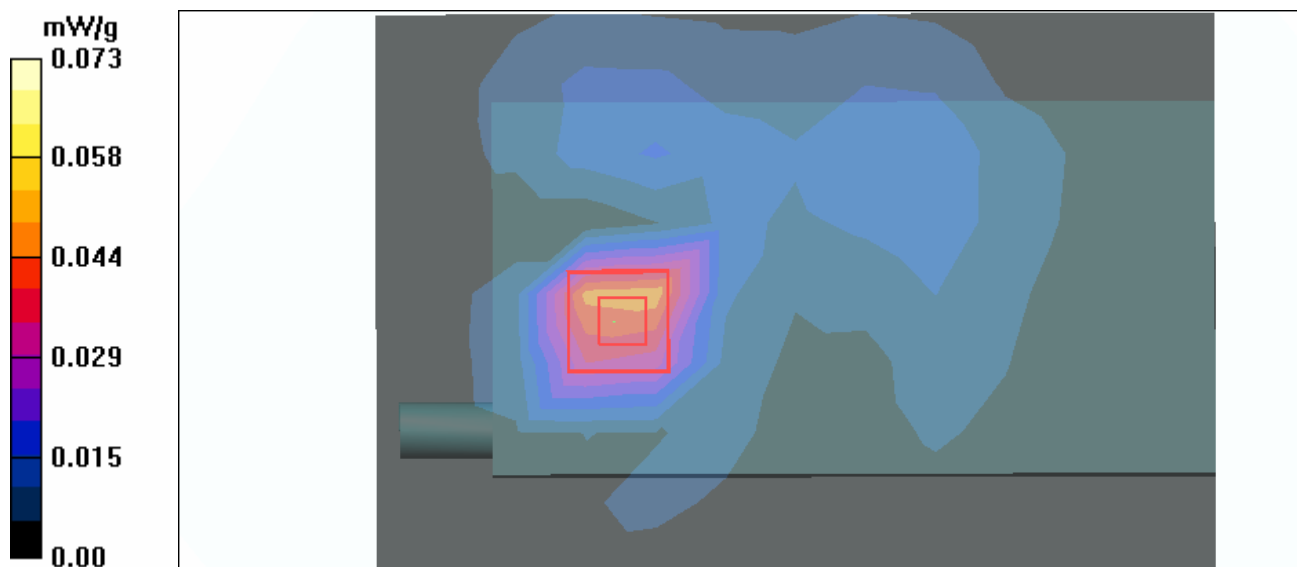
**Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.75 V/m

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.073 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-11g-Ch6-Keypad Up-Mode 10

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHz**

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

Medium: MSL2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.97$  mho/m;  $\epsilon_r = 52.1$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

**Mid Channel 6/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.076 mW/g

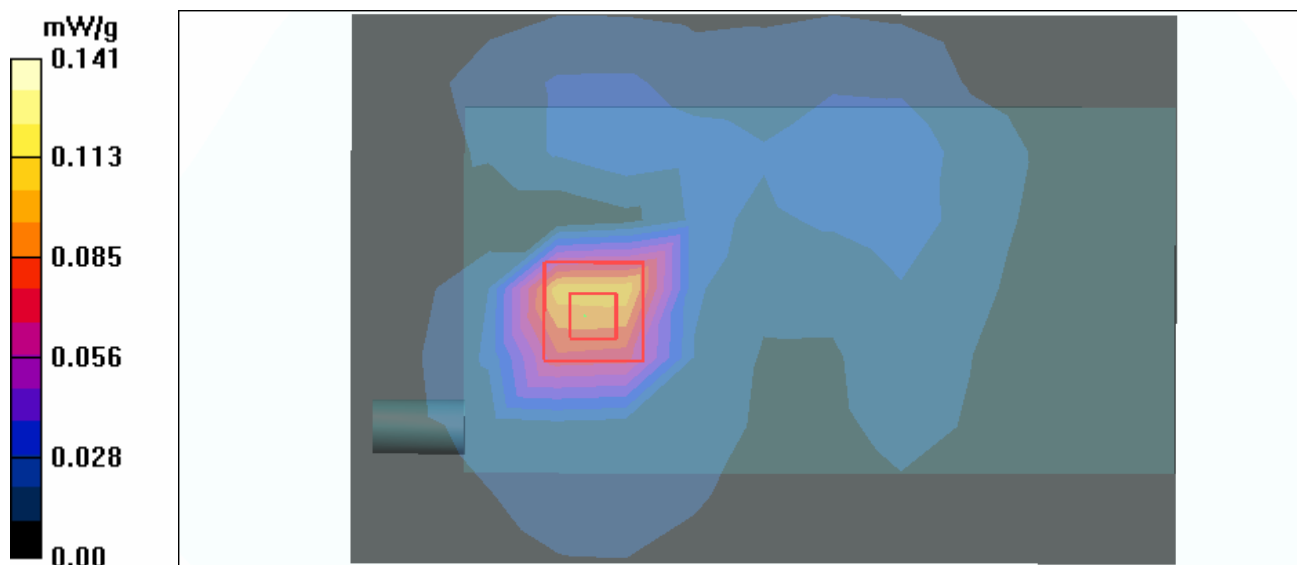
**Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.19 V/m

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.141 mW/g



Test Laboratory: Advance Data Technology

## Body Worn-11g-Ch11-Keypad Up-Mode 10

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2462 MHz**

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1  
 Medium: MSL2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Liquid Level : 152mm  
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OFDM  
 Separation Distance : 0 mm ( The front side of the EUT to the Phantom)  
 Antenna Type : PIFA Antenna ; Air Temp. : 22.6 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

**High Channel 11/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

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

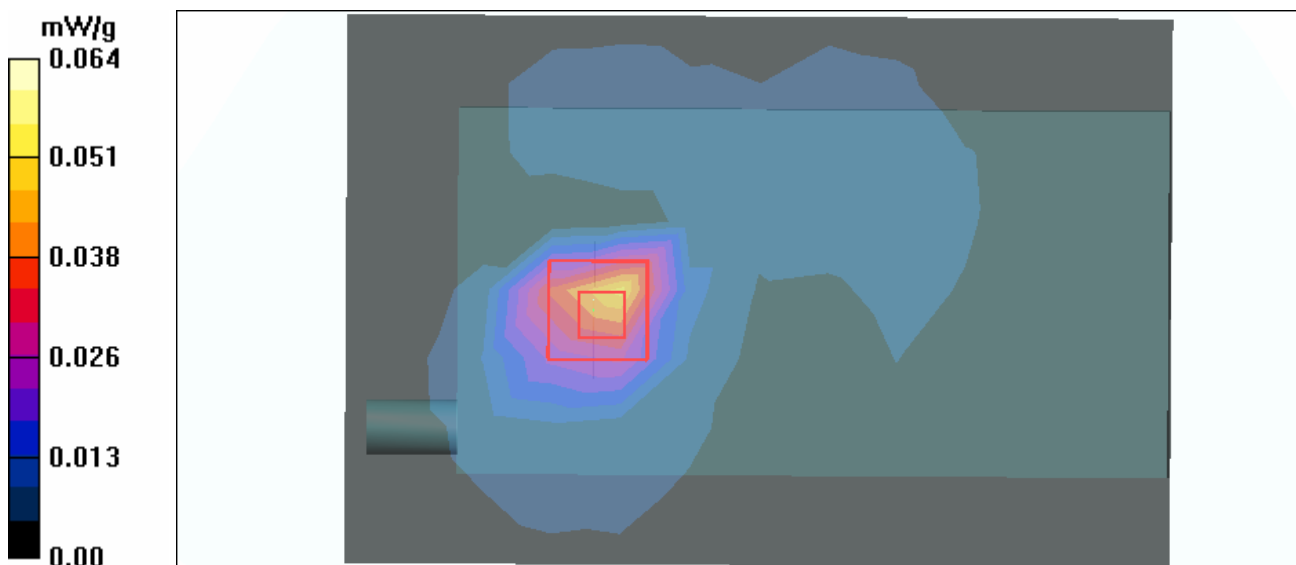
**High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.49 V/m

Peak SAR (extrapolated) = 0.099 W/kg

**SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.064 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-Ch0-Mode 11

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2402 MHz**

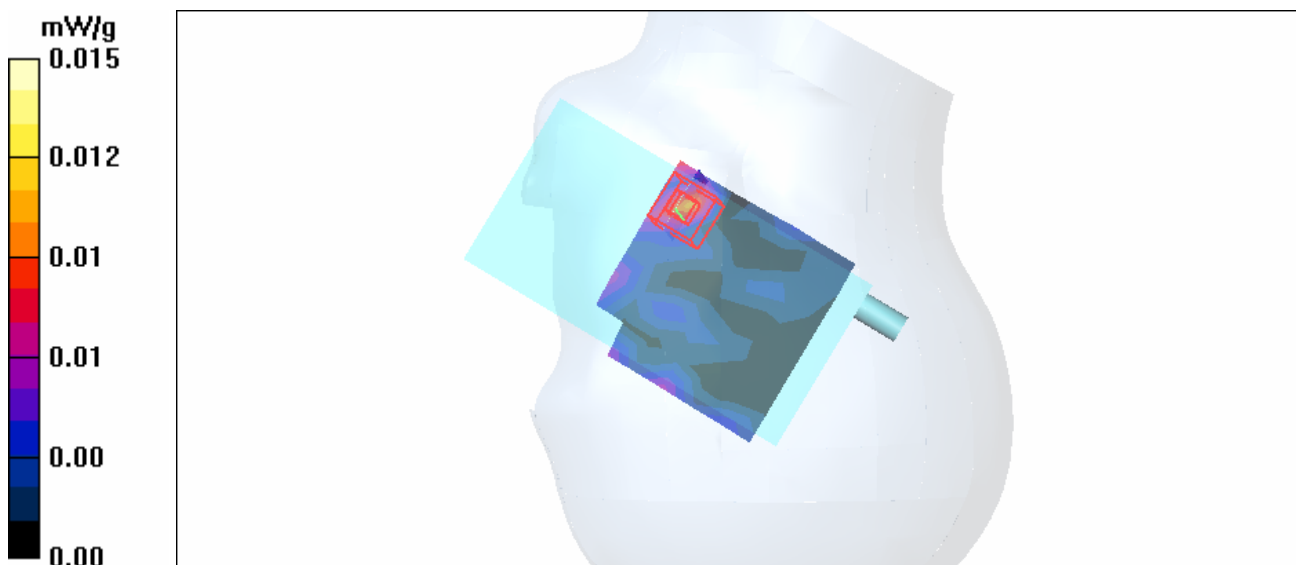
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.7$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 150mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Low Channel 0/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.011 mW/g

**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.857 V/m  
 Peak SAR (extrapolated) = 0.051 W/kg  
**SAR(1 g) = 0.00764 mW/g; SAR(10 g) = 0.00143 mW/g**  
 Maximum value of SAR (measured) = 0.015 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-Ch39-Mode 11

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2441 MHz**

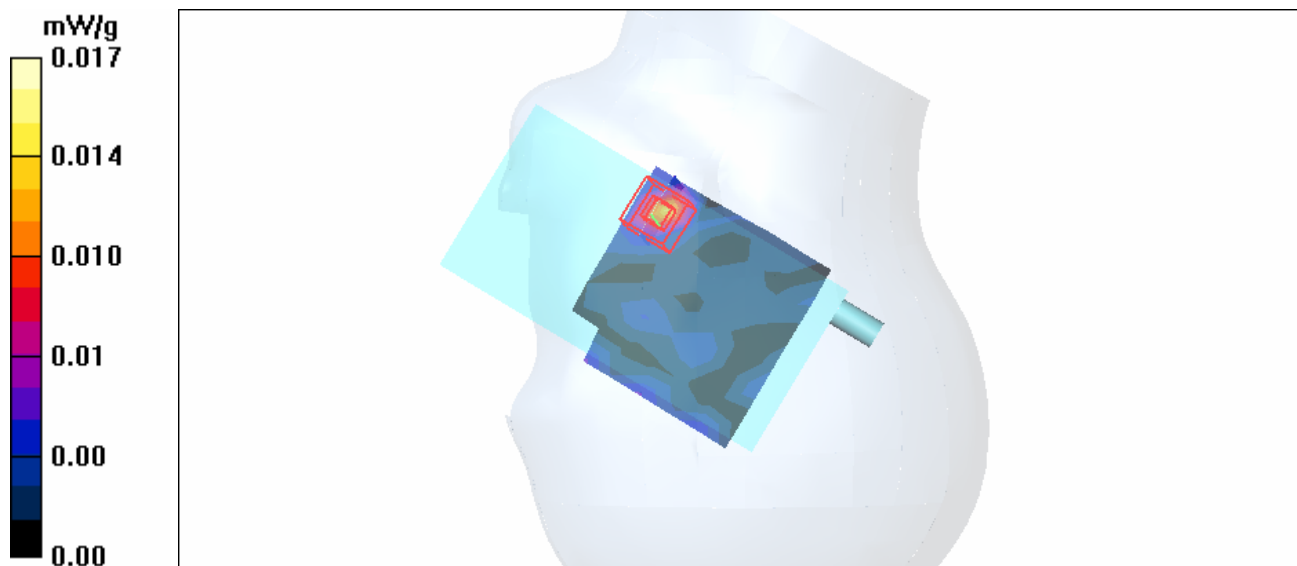
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 150mm  
 Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Mid Channel 39/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.014 mW/g

**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.894 V/m  
 Peak SAR (extrapolated) = 0.073 W/kg  
**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00213 mW/g**  
 Maximum value of SAR (measured) = 0.017 mW/g





Test Laboratory: Advance Data Technology

## Right Head-Cheek-BT-Ch78-Mode 11

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
Phantom: SAM 12 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 150mm  
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: Bluetooth  
Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - High Channel 78/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

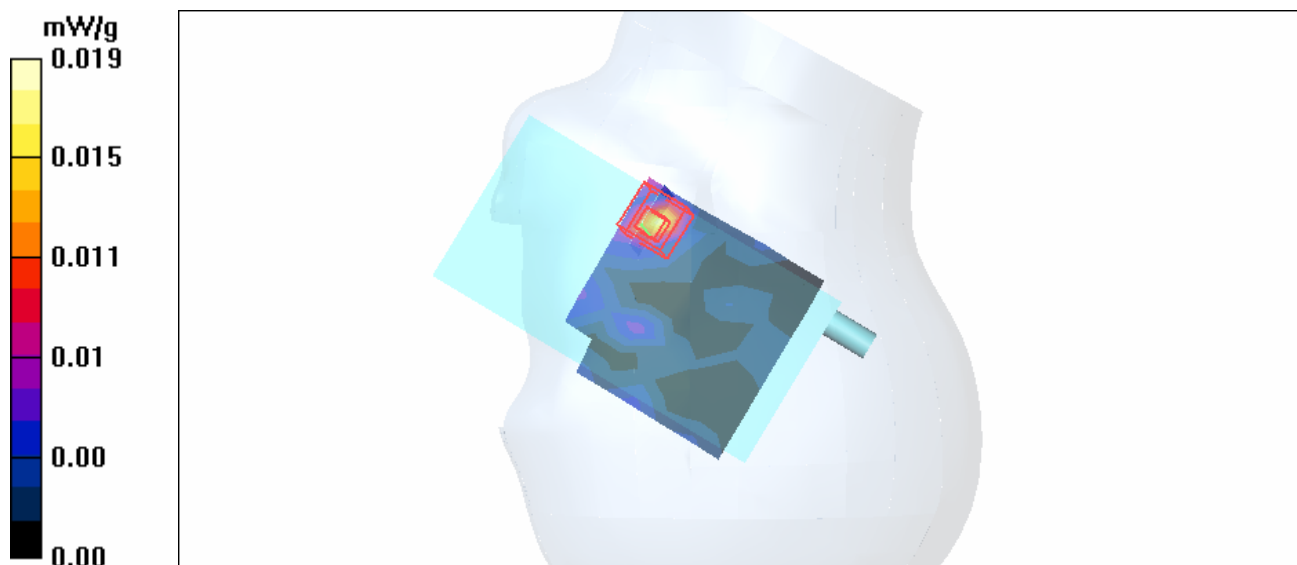
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.995 V/m

Peak SAR (extrapolated) = 0.054 W/kg

**SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0027 mW/g**

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



Test Laboratory: Advance Data Technology

## Right Head-Tilt-BT-Ch0-Mode 12

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2402 MHz**

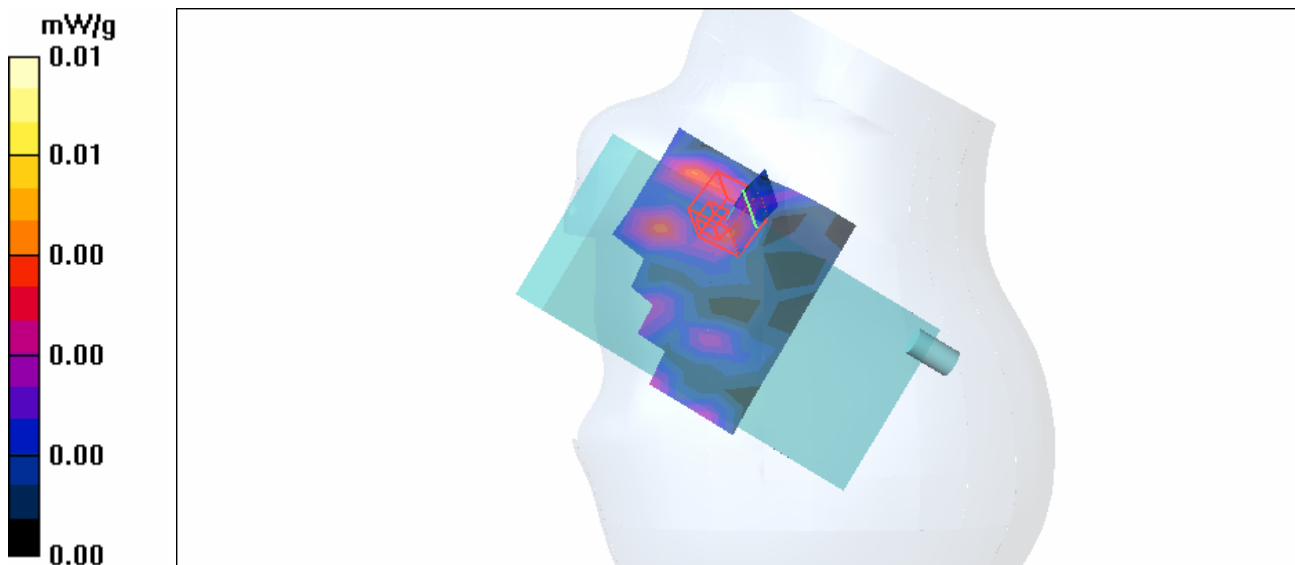
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.7$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 150mm  
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Low Channel 0/Area Scan (8x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.01 mW/g

**Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.506 V/m  
 Peak SAR (extrapolated) = 0.010 W/kg  
**SAR(1 g) = 0.00386 mW/g; SAR(10 g) = 0.000636 mW/g**



Test Laboratory: Advance Data Technology

## Right Head-Tilt-BT-Ch39-Mode 12

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2441 MHz**

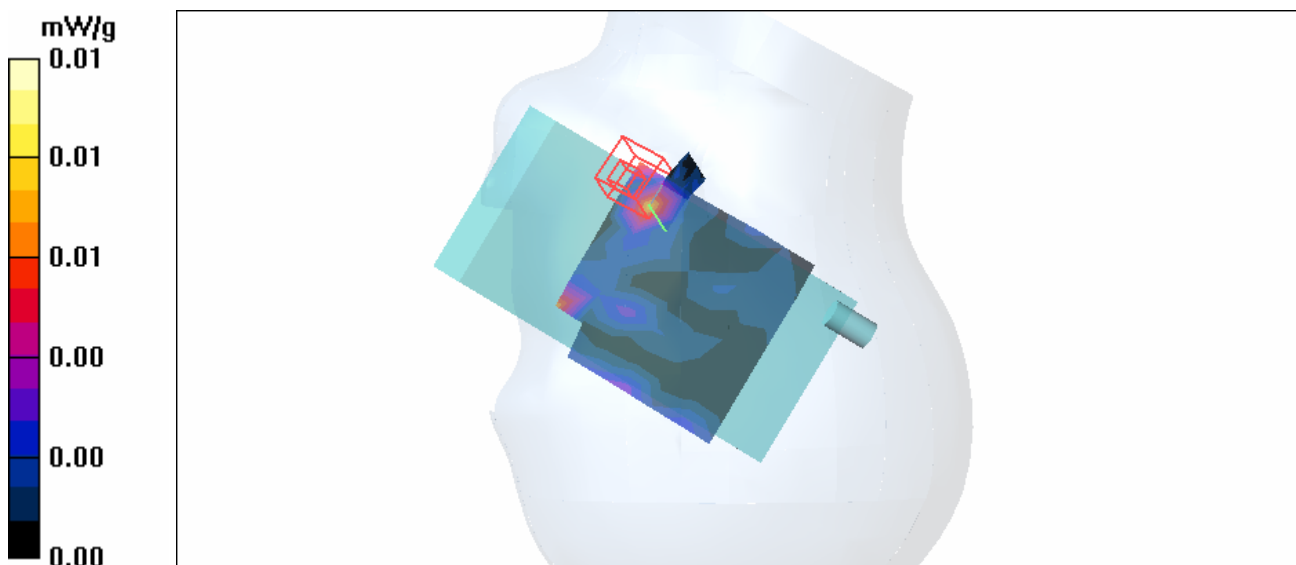
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 150mm  
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Mid Channel 39/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.010 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.816 V/m  
 Peak SAR (extrapolated) = 0.018 W/kg  
**SAR(1 g) = 0.0013 mW/g; SAR(10 g) = 0.00019 mW/g**  
 Maximum value of SAR (measured) = 0.01 mW/g



Test Laboratory: Advance Data Technology

## Right Head-Tilt-BT-Ch78-Mode 12

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz**

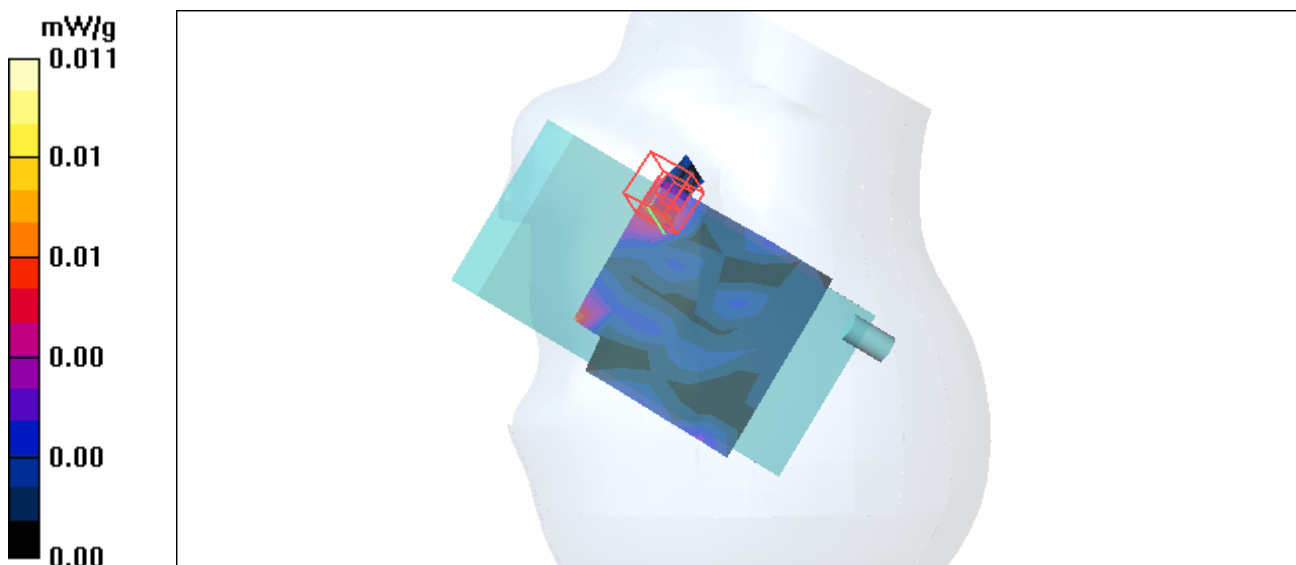
Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2480 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 150mm  
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - High Channel 78/Area Scan (7x7x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.01 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1:** Measurement grid:  
 $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
 Reference Value = 0.877 V/m  
 Peak SAR (extrapolated) = 0.018 W/kg  
**SAR(1 g) = 0.00101 mW/g; SAR(10 g) = 0.000224 mW/g**  
 Maximum value of SAR (measured) = 0.011 mW/g



Test Laboratory: Advance Data Technology

## Left Head-Cheek-BT-Ch0-Mode 13

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2402 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.7$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150mm

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Low Channel 0/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

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

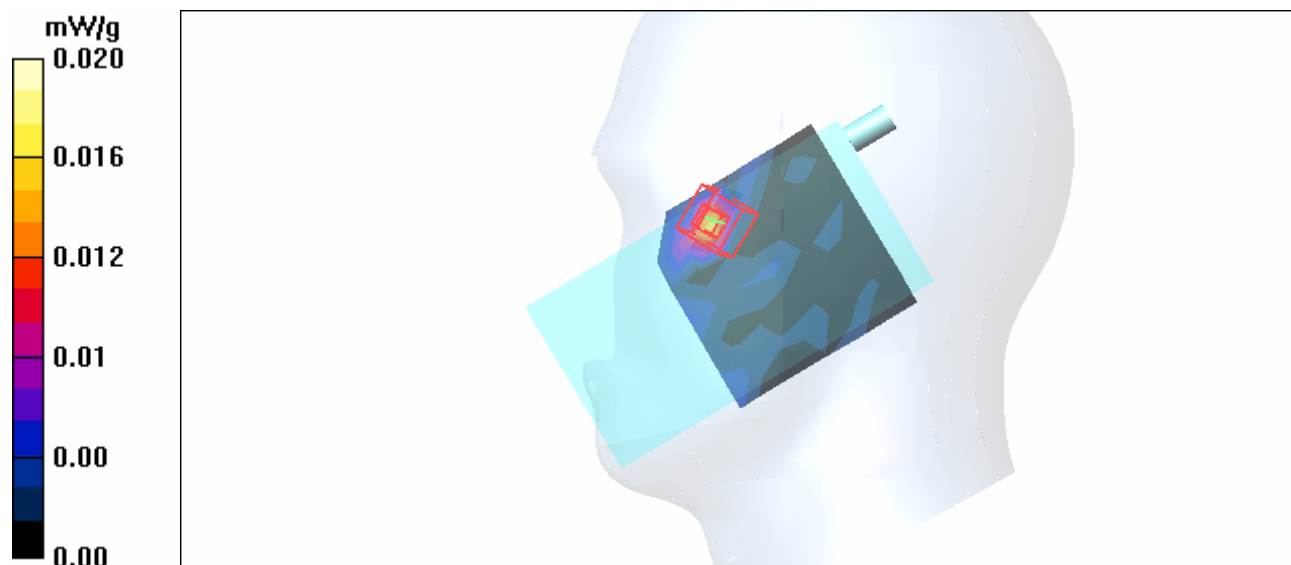
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.206 V/m

Peak SAR (extrapolated) = 0.054 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00387 mW/g**

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



Test Laboratory: Advance Data Technology

### Left Head-Cheek-BT-Ch39-Mode 13

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2441 MHz**

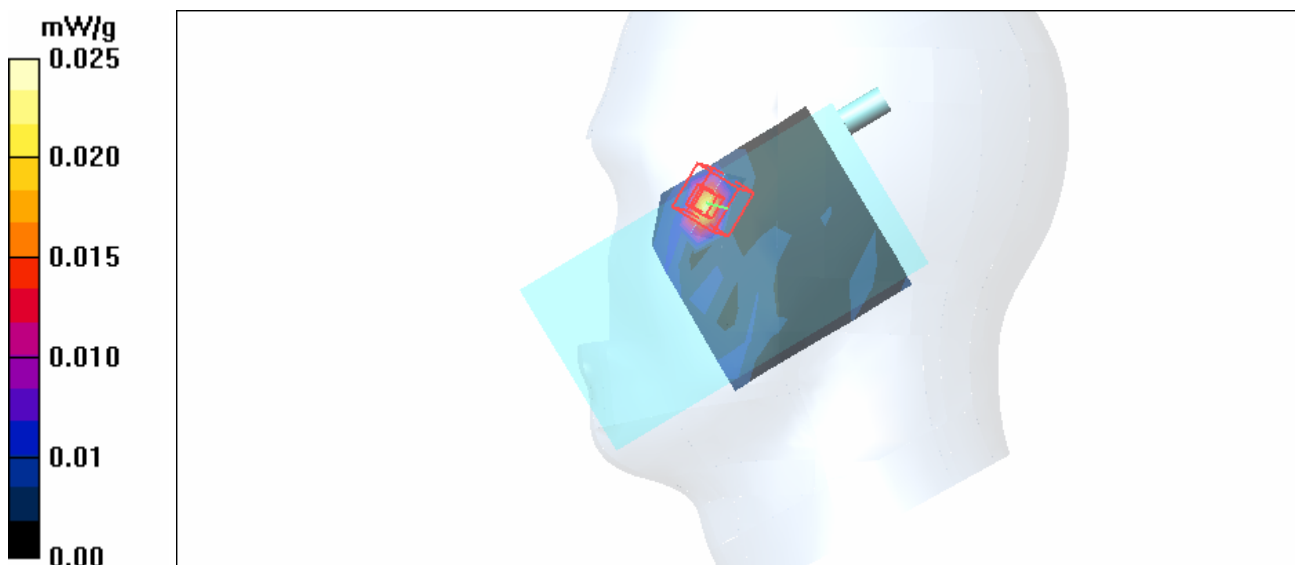
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 150mm  
 Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - Mid Channel 39/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.024 mW/g

**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.206 V/m  
 Peak SAR (extrapolated) = 0.066 W/kg  
**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00509 mW/g**  
 Maximum value of SAR (measured) = 0.025 mW/g



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## Left Head-Cheek-BT-Ch78-Mode 13

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz**

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

Phantom: SAM 12 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Liquid level: 150mm

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20

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

- Electronics: DAE3 Sn579; Calibrated: 2005/3/23

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

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Touch position - High Channel 78/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm

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

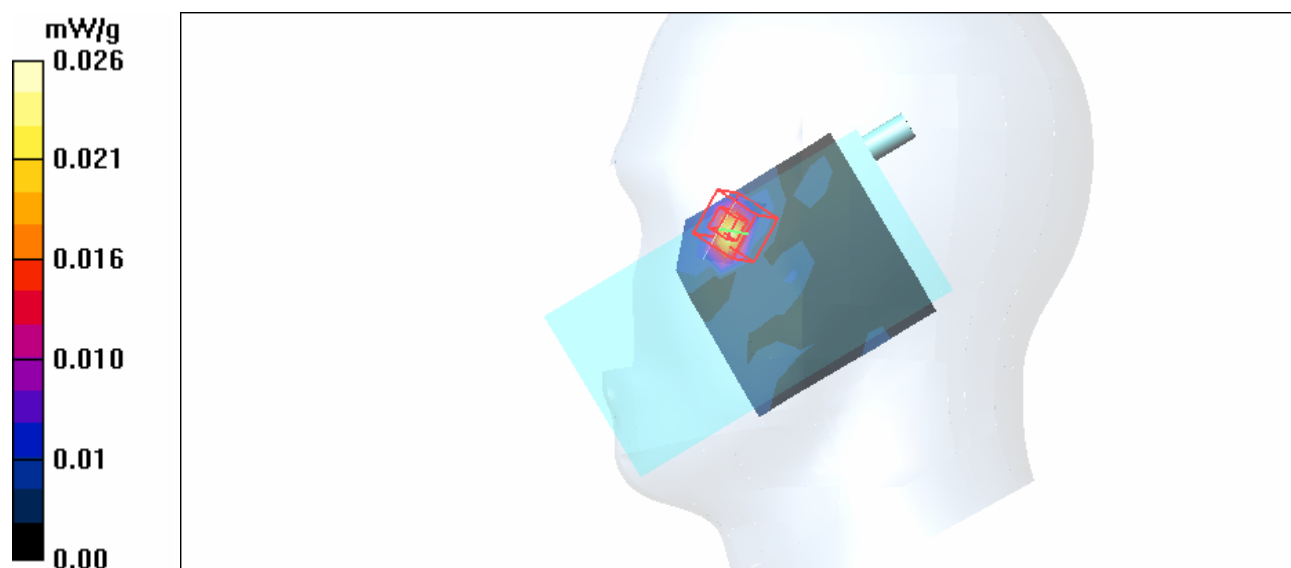
**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:

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

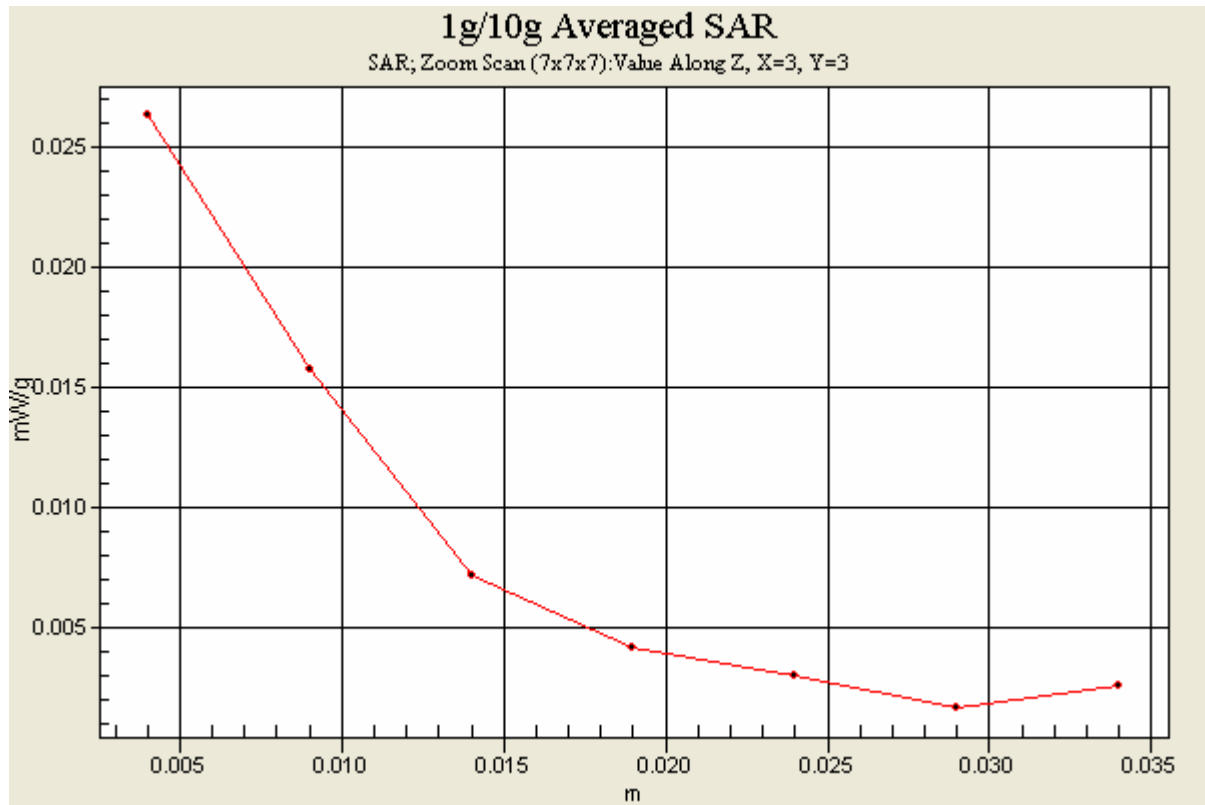
Reference Value = 0.409 V/m

Peak SAR (extrapolated) = 0.068 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00477 mW/g**







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### Left Head-Tilt-BT-Ch0-Mode 14

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2402 MHz**

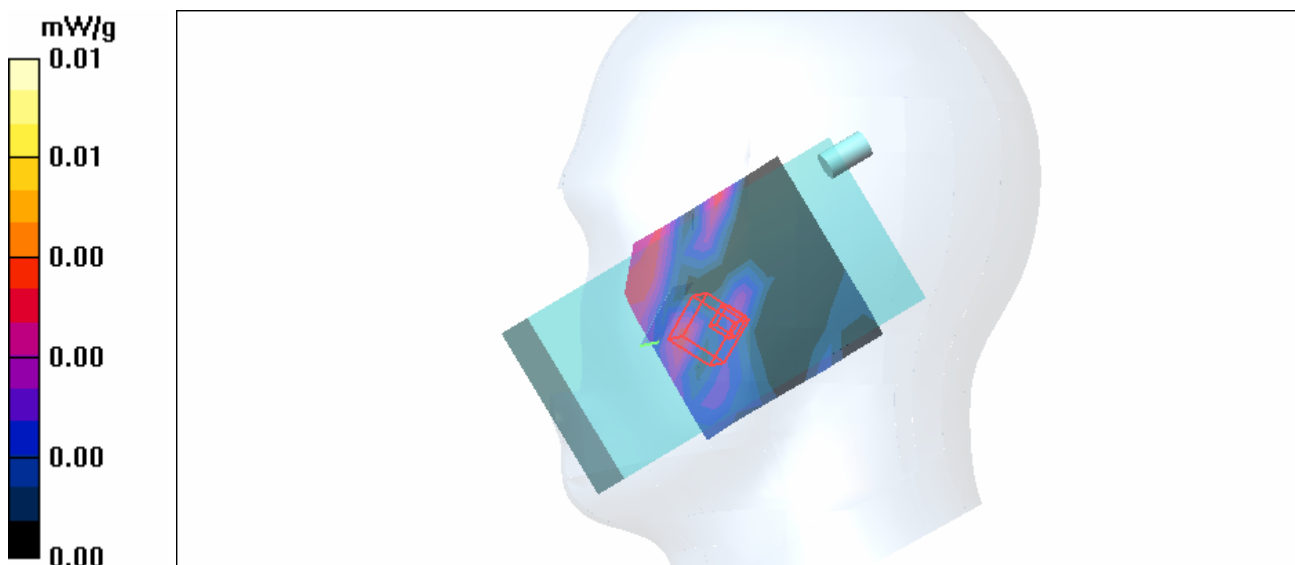
Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2402 \text{ MHz}$ ;  $\sigma = 1.7 \text{ mho/m}$ ;  $\epsilon_r = 39.6$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
 Liquid level: 150mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Low Channel 0/Area Scan (7x7x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
 Maximum value of SAR (measured) = 0.00 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 = 0.445 V/m  
 Peak SAR (extrapolated) = 0.01 W/kg  
**SAR(1 g) = 0.0088 mW/g; SAR(10 g) = 0.00164 mW/g**  
 Maximum value of SAR (measured) = 0.01 mW/g



Test Laboratory: Advance Data Technology

### Left Head-Tilt-BT-Ch39-Mode 14

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2441 MHz**

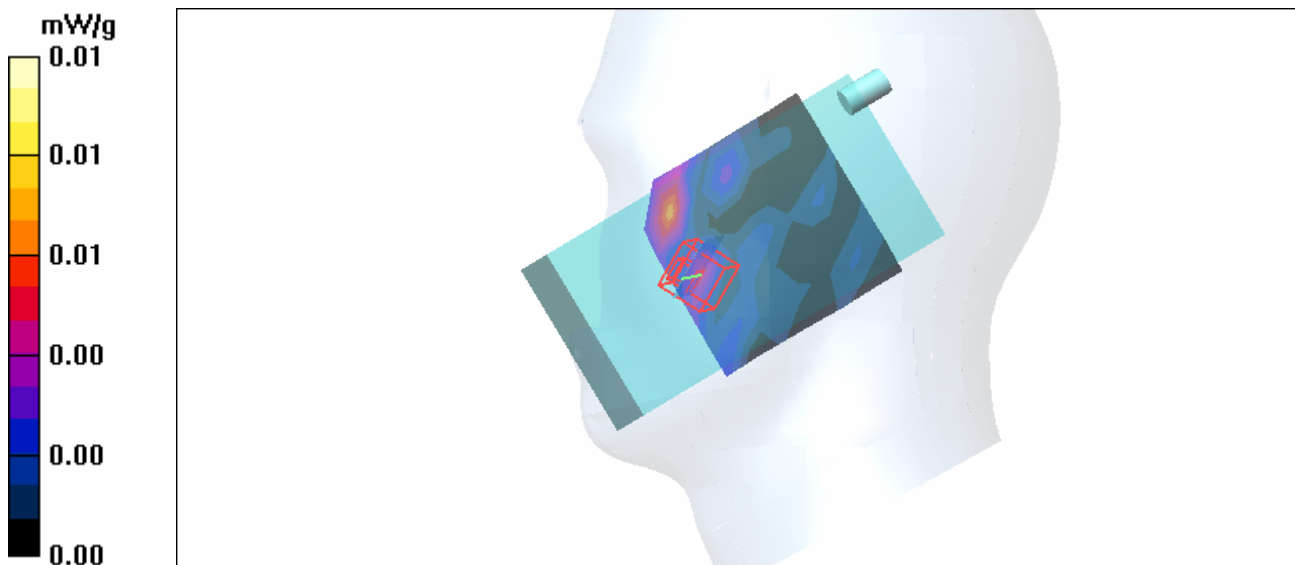
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1  
 Phantom: SAM 12 Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.78$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
 Liquid level: 150mm  
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: Bluetooth  
 Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - Mid Channel 39/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.01 mW/g

**Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
 dx=5mm, dy=5mm, dz=5mm  
 Reference Value = 0.276 V/m  
 Peak SAR (extrapolated) = 0.021 W/kg  
**SAR(1 g) = 0.00384 mW/g; SAR(10 g) = 0.000617 mW/g**



Test Laboratory: Advance Data Technology

## Left Head-Tilt-BT-Ch78-Mode 14

**DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHz**

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1  
Phantom: SAM 12 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Liquid level: 150mm  
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: Bluetooth  
Antenna type : Chip Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

**Tilt position - High Channel 78/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.01 mW/g

**Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:  
dx=5mm, dy=5mm, dz=5mm  
Reference Value = 0.048 V/m  
Peak SAR (extrapolated) = 0.012 W/kg  
**SAR(1 g) = 0.00468 mW/g; SAR(10 g) = 0.000843 mW/g**

