

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



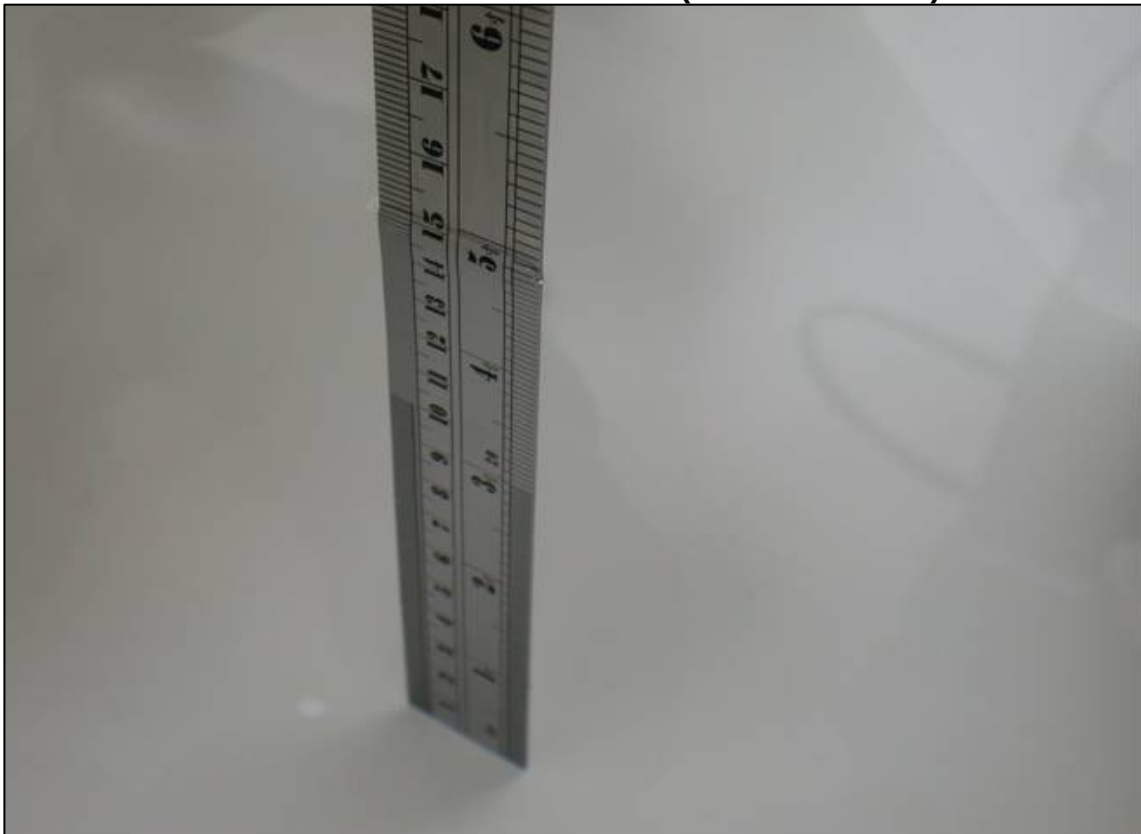


Liquid Level Photo

Tissue HSL2450MHz D=155mm(Date:2005/10/17)



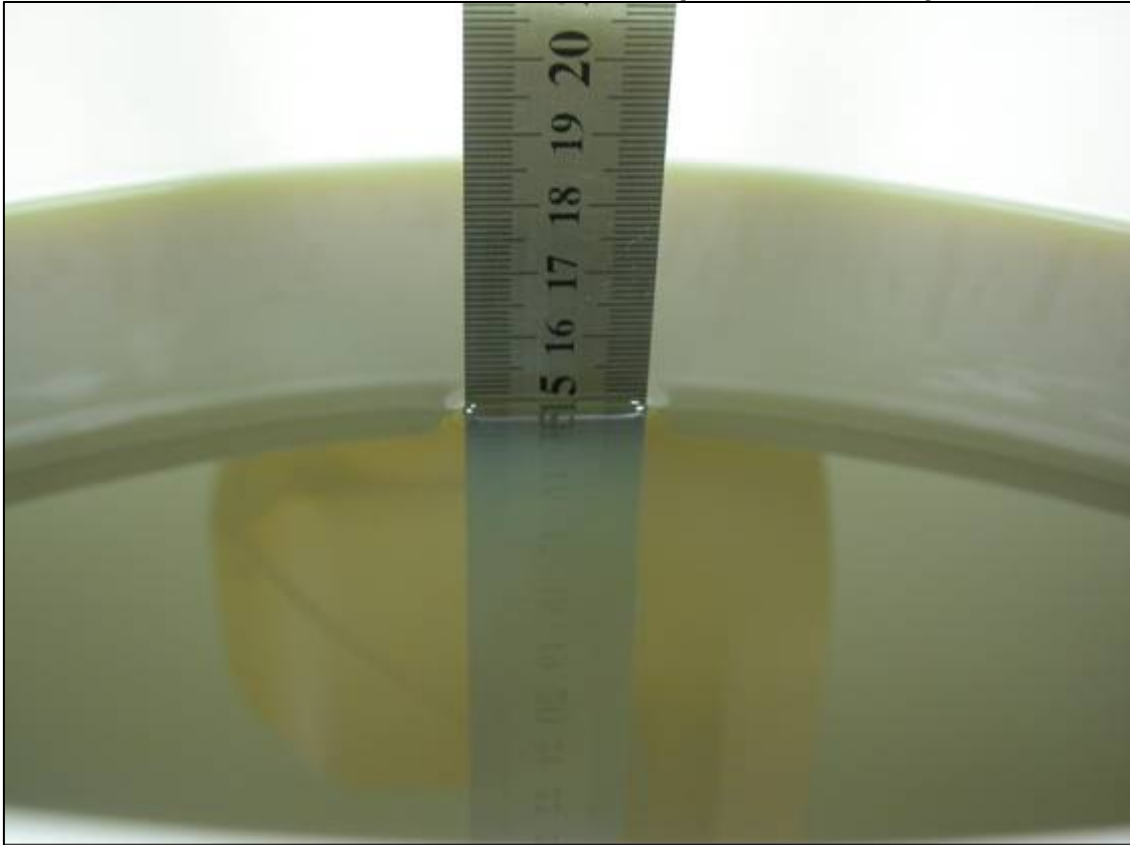
Tissue HSL2450MHz D=151mm(Date:2005/10/18)



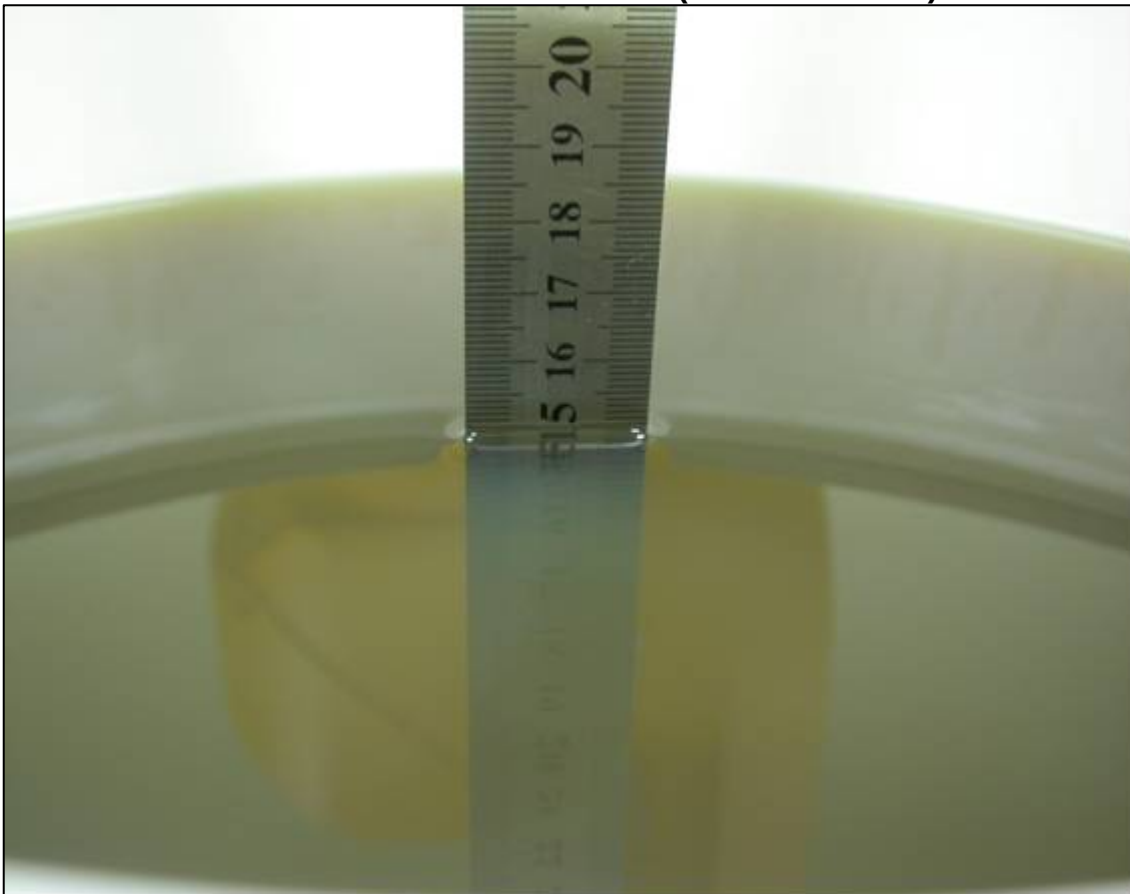
Tissue MSL2450MHz D=150mm(Date:2005/10/19)



Tissue HSL5800MHz D=150mm(Date:2005/10/24)



Tissue MSL5800MHz D=150mm(Date:2005/10/25)



Date/Time: 2005/10/17 11:34:40

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: $f = 2412 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.271 mW/g

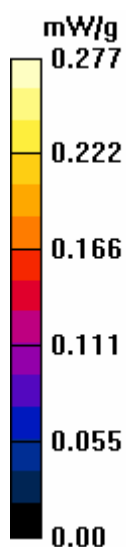
Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.2 V/m

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.133 mW/g

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



Date/Time: 2005/10/17 12:22:23

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: $f = 2437 \text{ MHz}$; $\sigma = 1.79 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.477 mW/g

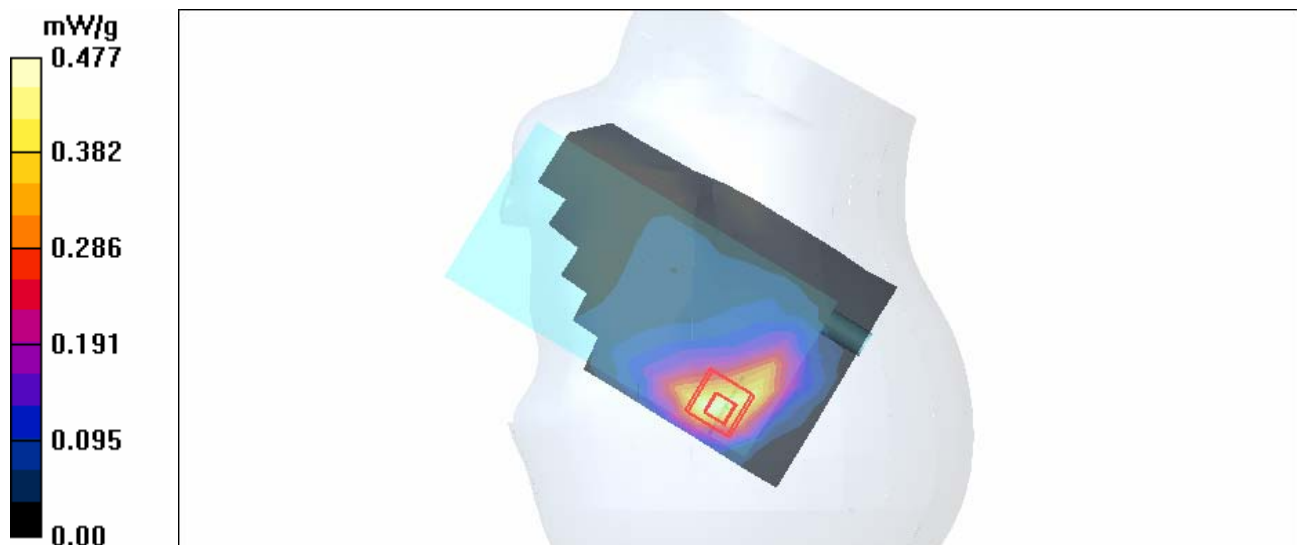
Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

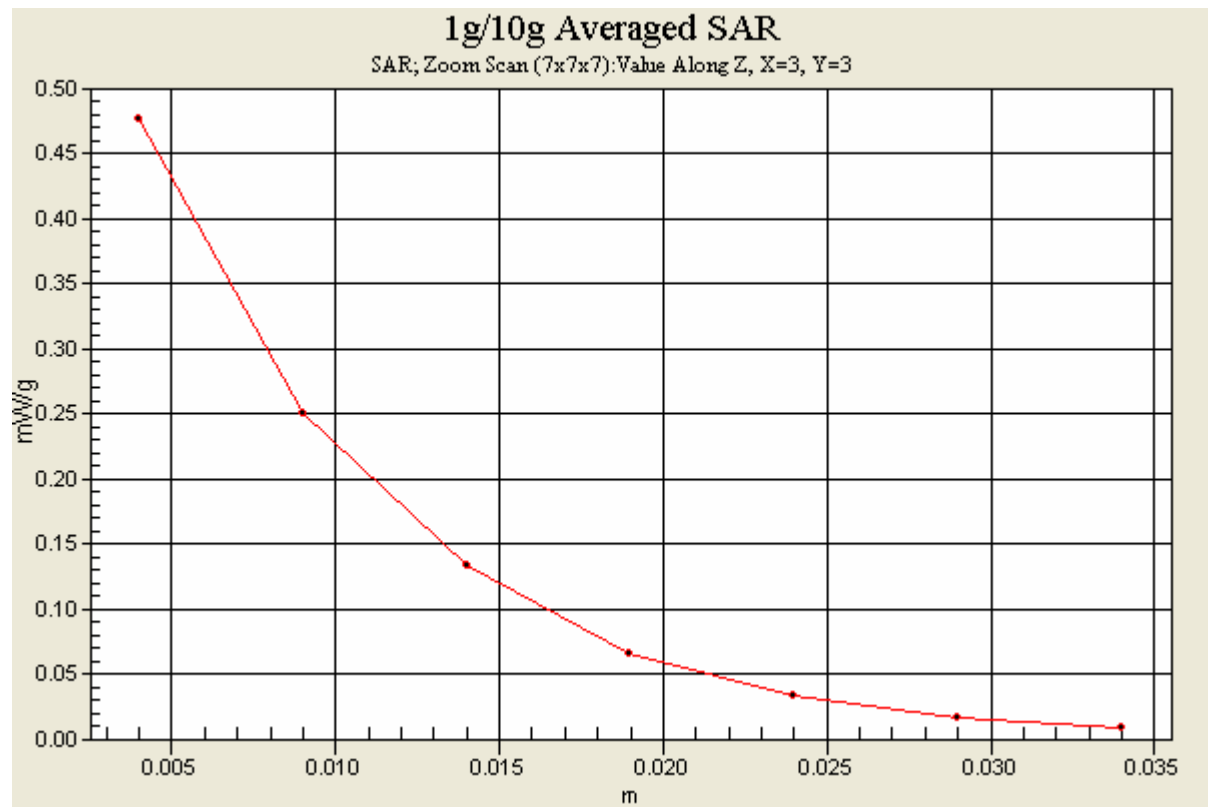
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.1 V/m

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.230 mW/g





Date/Time: 2005/10/17 13:16:41

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: $f = 2462 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.225 mW/g

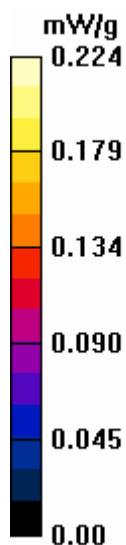
Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.22 V/m

Peak SAR (extrapolated) = 0.447 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.109 mW/g

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



Date/Time: 2005/10/17 13:45:57

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

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.189 mW/g

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

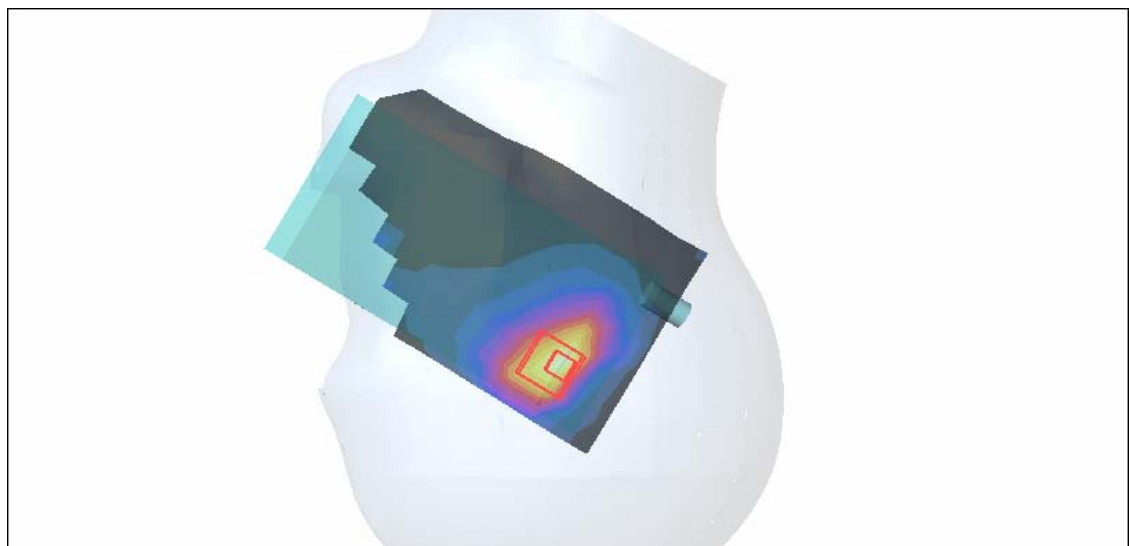
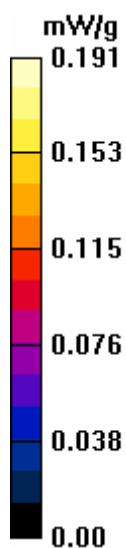
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.87 V/m

Peak SAR (extrapolated) = 0.398 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.191 mW/g



Date/Time: 2005/10/17 14:11:11

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

Medium: HSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.340 mW/g

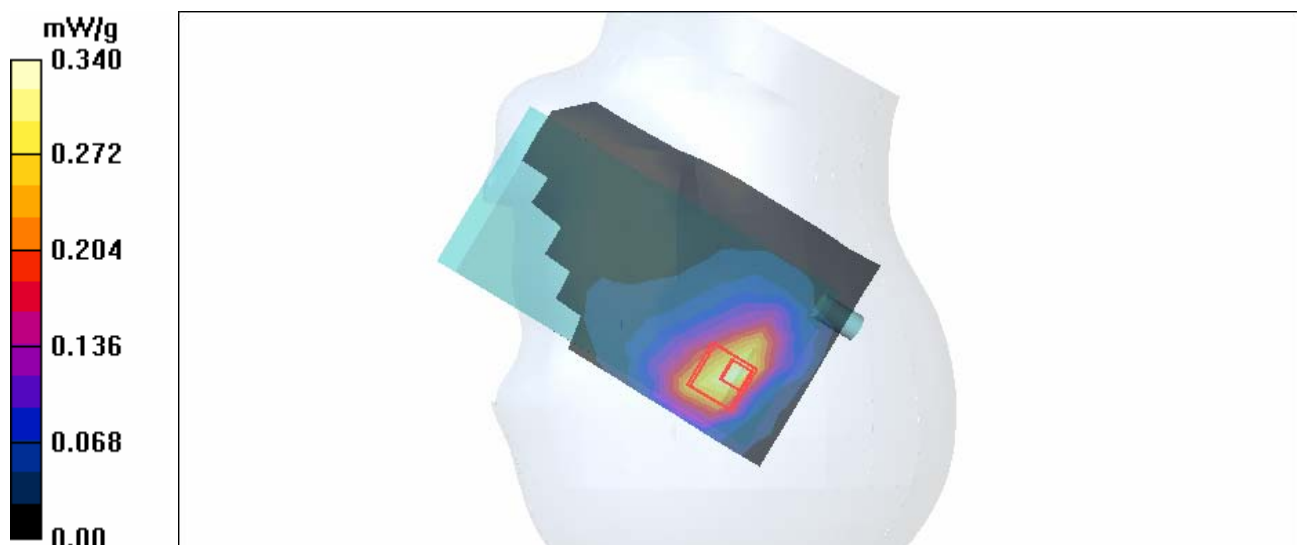
Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 12.2 V/m

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.161 mW/g



Date/Time: 2005/10/17 14:38:38

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

Medium: HSL2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.167 mW/g

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

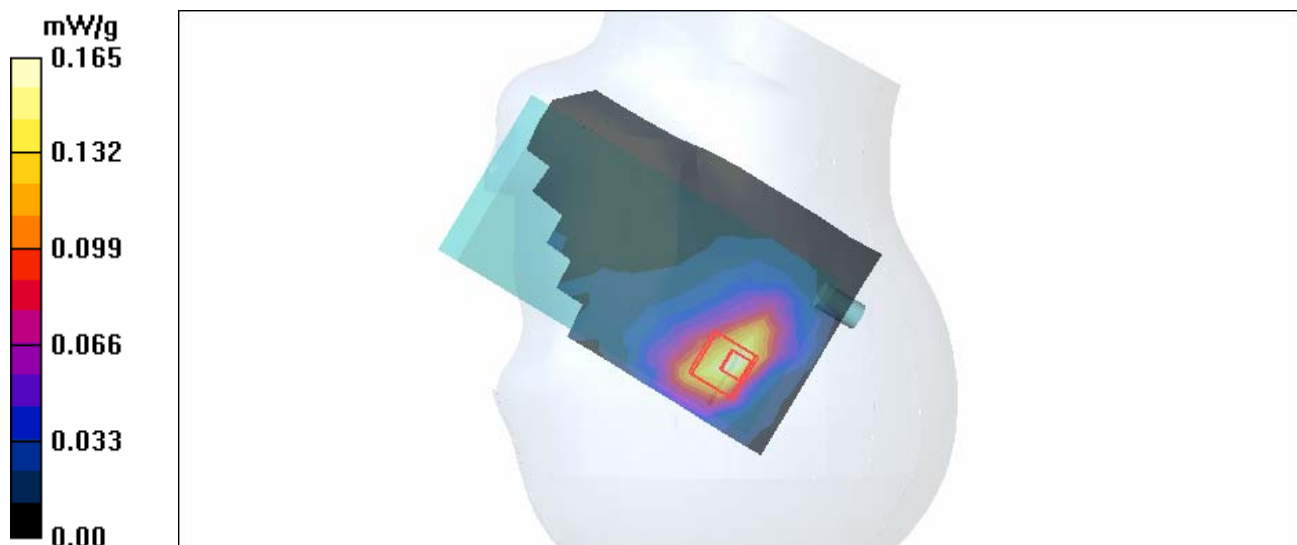
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.31 V/m

Peak SAR (extrapolated) = 0.365 W/kg

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.077 mW/g

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



Date/Time: 2005/10/17 15:23:11

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: $f = 2412$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.185 mW/g

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

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

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.088 mW/g

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

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

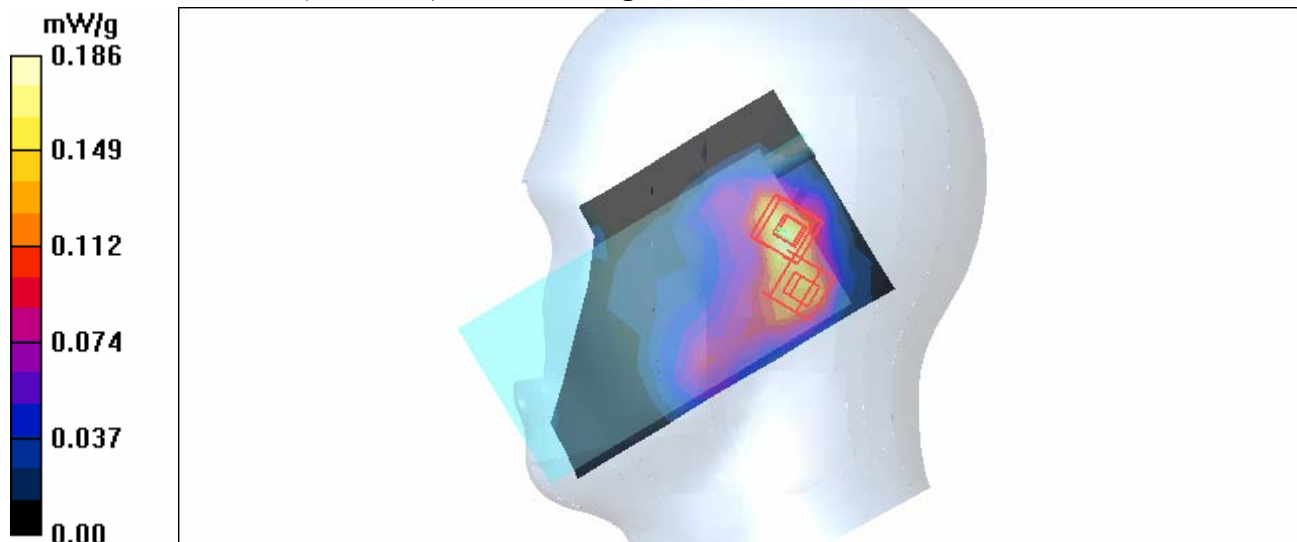
dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.8 V/m

Peak SAR (extrapolated) = 0.372 W/kg

SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.082 mW/g

Maximum value of SAR (measured) = 0.186 mW/g



Date/Time: 2005/10/17 16:09:37

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: $f = 2437 \text{ MHz}$; $\sigma = 1.79 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.222 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 = 12.2 V/m

Peak SAR (extrapolated) = 0.478 W/kg

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

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

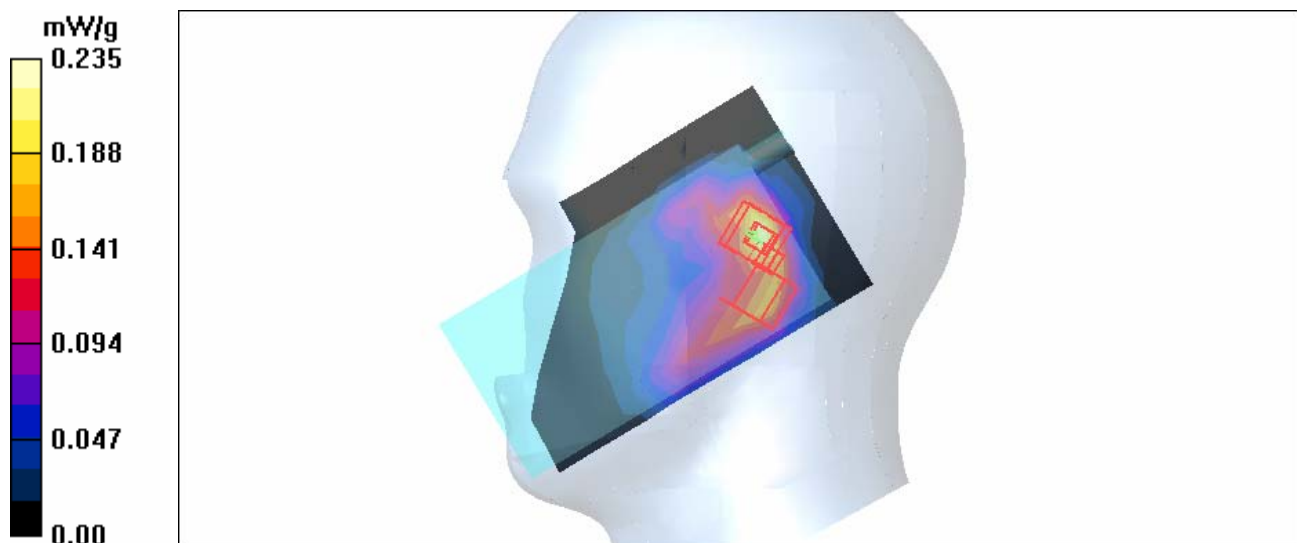
Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 12.2 V/m

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.087 mW/g



Date/Time: 2005/10/17 16:46:13

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; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³ ;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.166 mW/g

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

Reference Value = 9.8 V/m

Peak SAR (extrapolated) = 0.345 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.071 mW/g

Maximum value of SAR (measured) = 0.161 mW/g

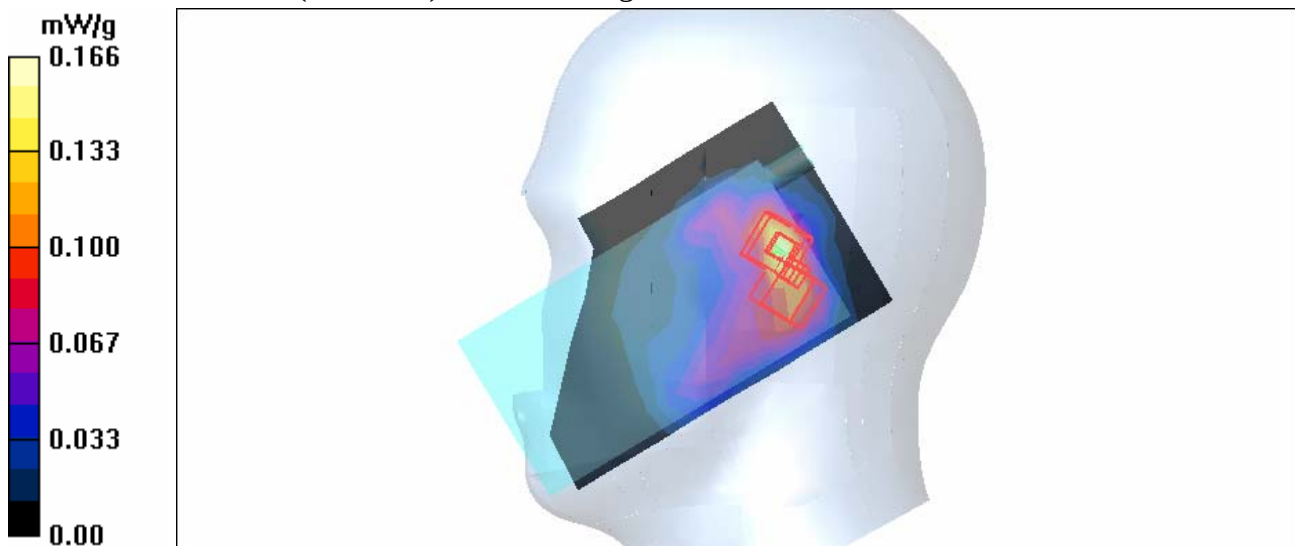
Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.8 V/m

Peak SAR (extrapolated) = 0.335 W/kg

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

Maximum value of SAR (measured) = 0.159 mW/g



Date/Time: 2005/10/17 17:13:33

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; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.162 mW/g

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

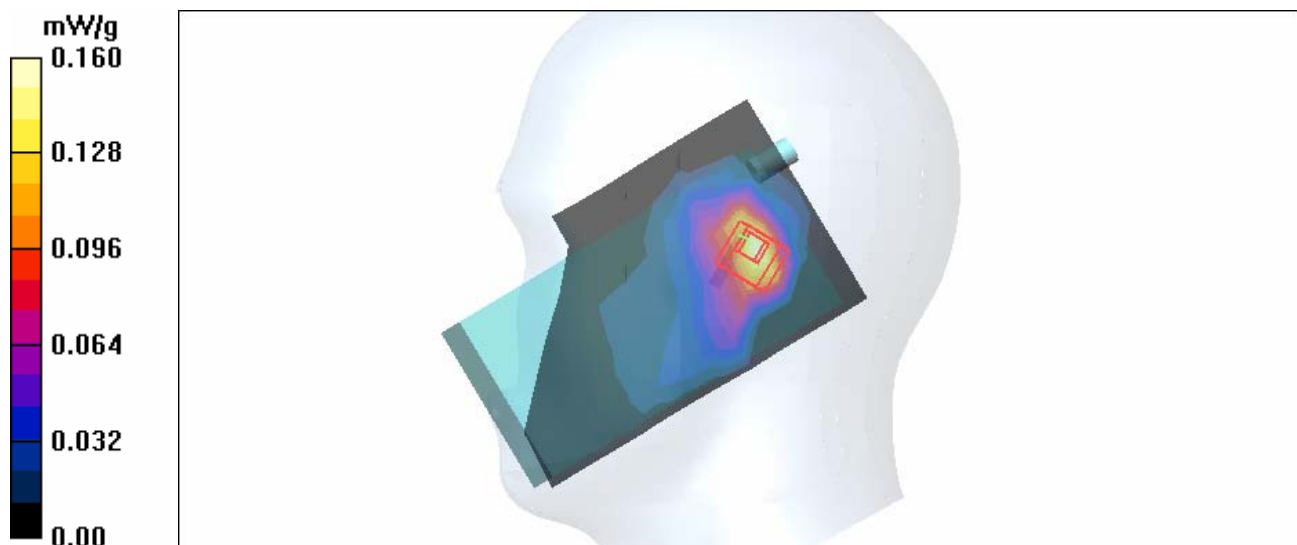
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.8 V/m

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.072 mW/g

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



Date/Time: 2005/10/17 17:36:10

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

Medium: HSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

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

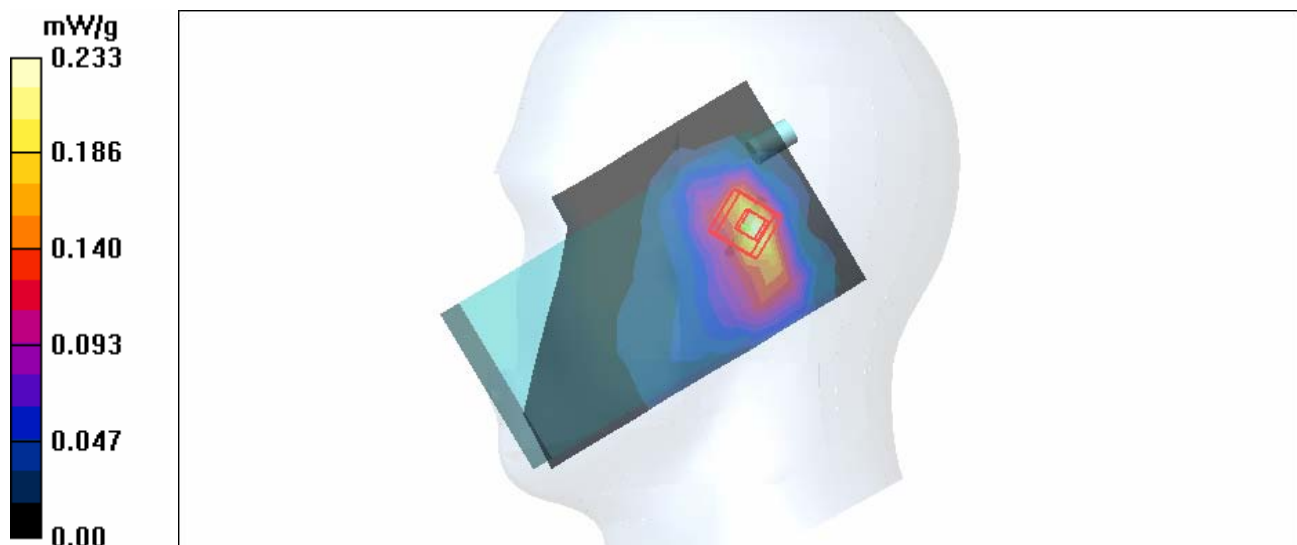
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.233 mW/g



Date/Time: 2005/10/17 18:12:34

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

Medium: HSL2450 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.142 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 = 9.53 V/m

Peak SAR (extrapolated) = 0.287 W/kg

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

Maximum value of SAR (measured) = 0.145 mW/g

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

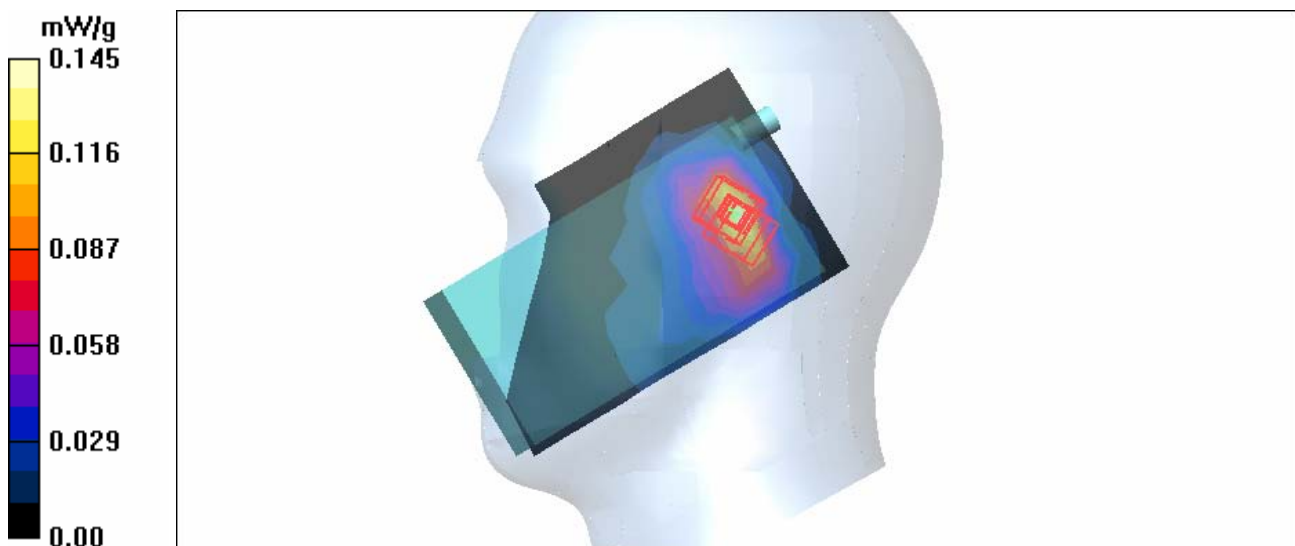
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.53 V/m

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.059 mW/g

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



Date/Time: 2005/10/19 11:16:25

Test Laboratory: Advance Data Technology

Body Worn-11b-Ch1-Keypad 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 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.94 \text{ mho/m}$; $\epsilon_r = 51$; $\rho = 1000 \text{ kg/m}^3$; Liquid level : 150mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)
Antenna type : PIFA Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.068 mW/g

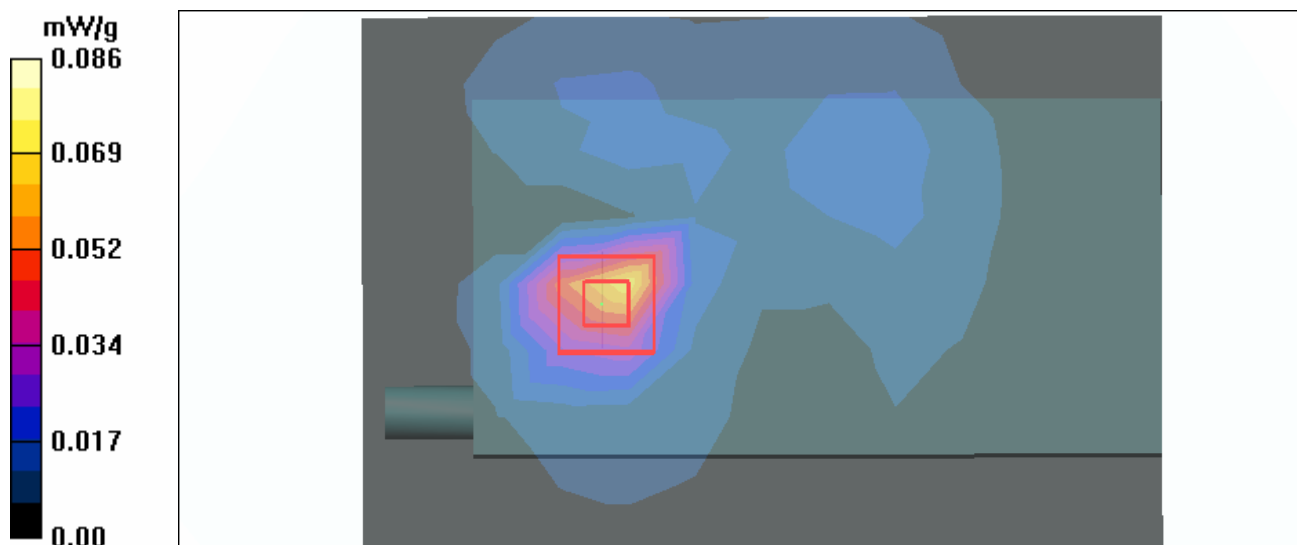
Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.95 V/m

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.035 mW/g

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



Date/Time: 2005/10/19 11:45:10

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 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³ ; Liquid level : 150mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)

Antenna type : PIFA Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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) = 0.089 mW/g

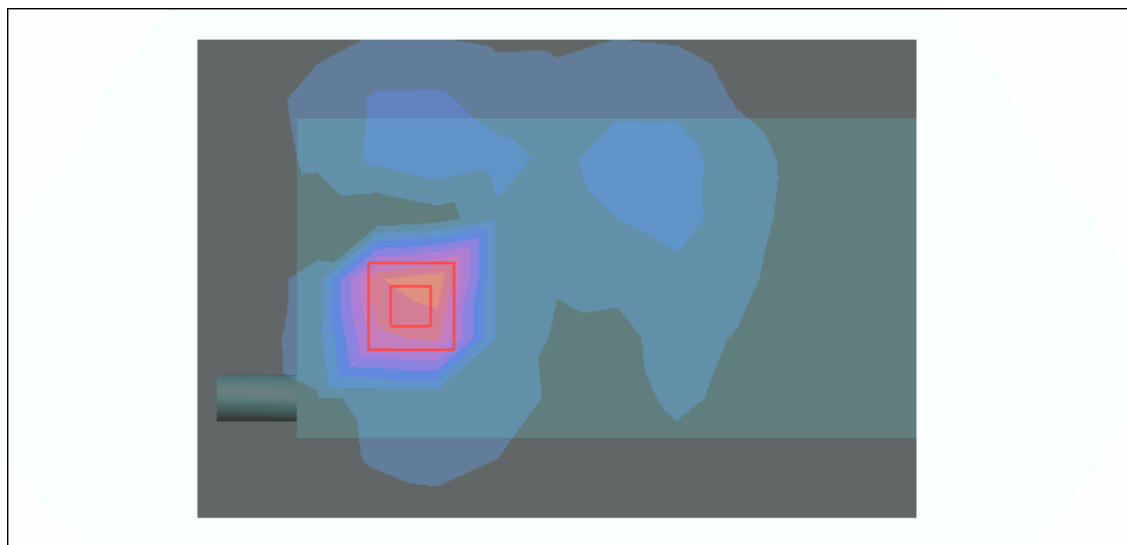
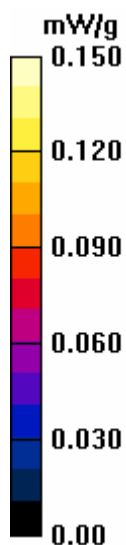
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

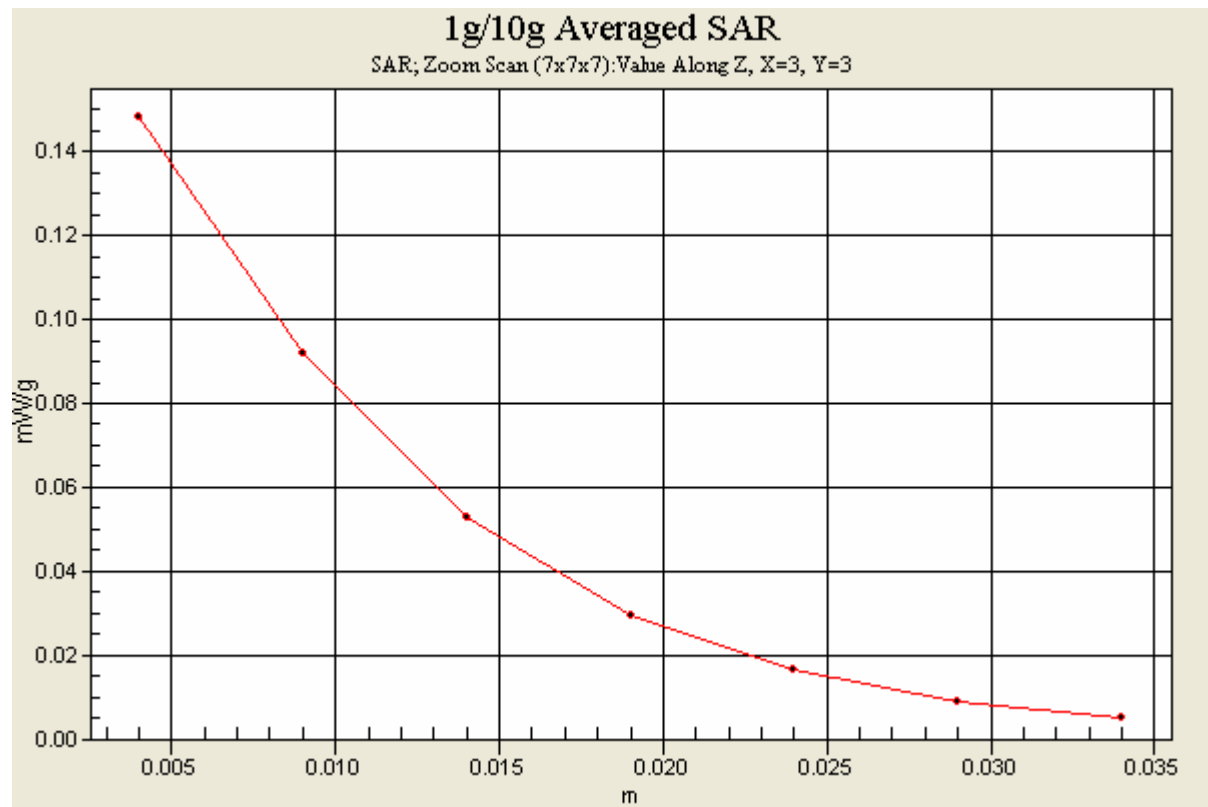
Reference Value = 2.58 V/m

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.150 mW/g





Date/Time: 2005/10/19 12:15:52

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 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 2.01 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$; Liquid level : 150mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)

Antenna type : PIFA Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.046 mW/g

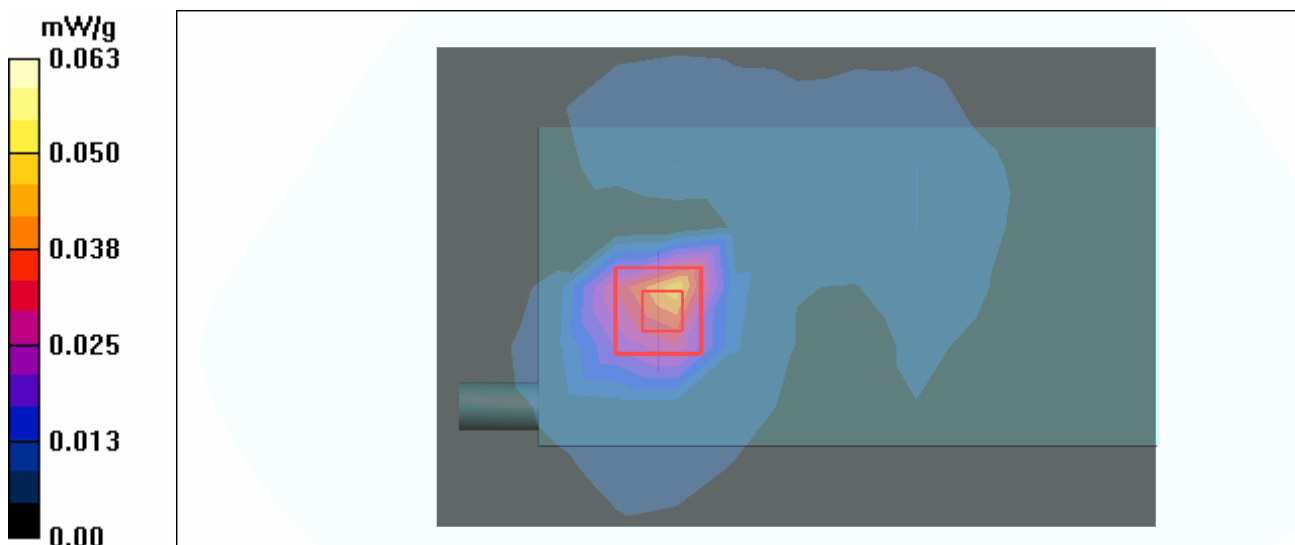
High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.58 V/m

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.026 mW/g

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



Date/Time: 2005/10/17 18:40:29

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: $f = 2412 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.166 mW/g

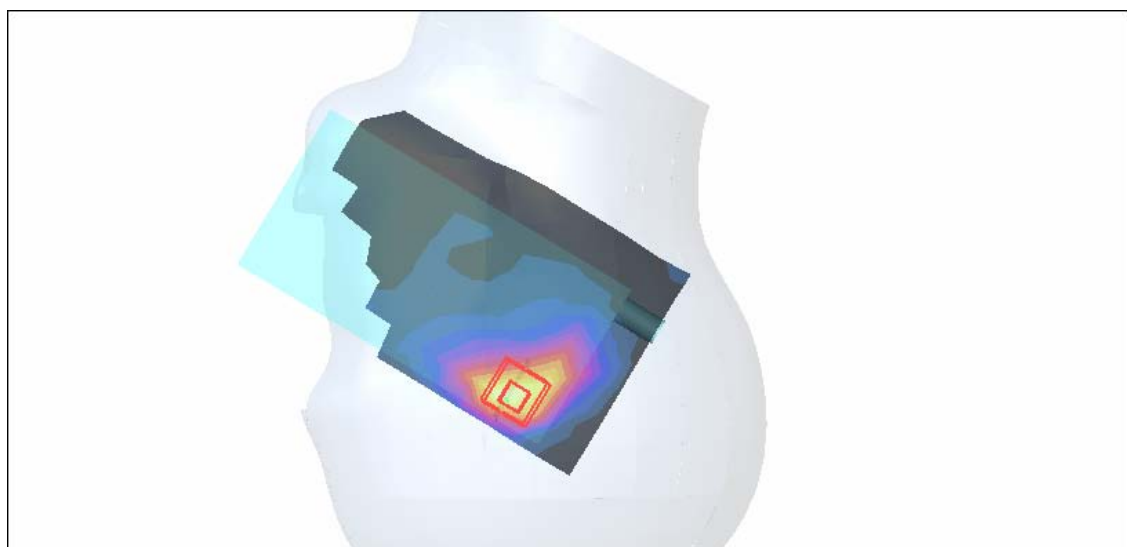
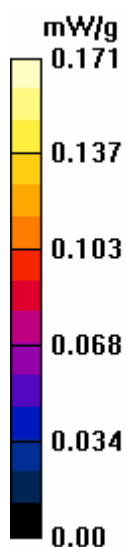
Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.11 V/m

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.171 mW/g



Date/Time: 2005/10/17 19:05:23

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: $f = 2437 \text{ MHz}$; $\sigma = 1.79 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.373 mW/g

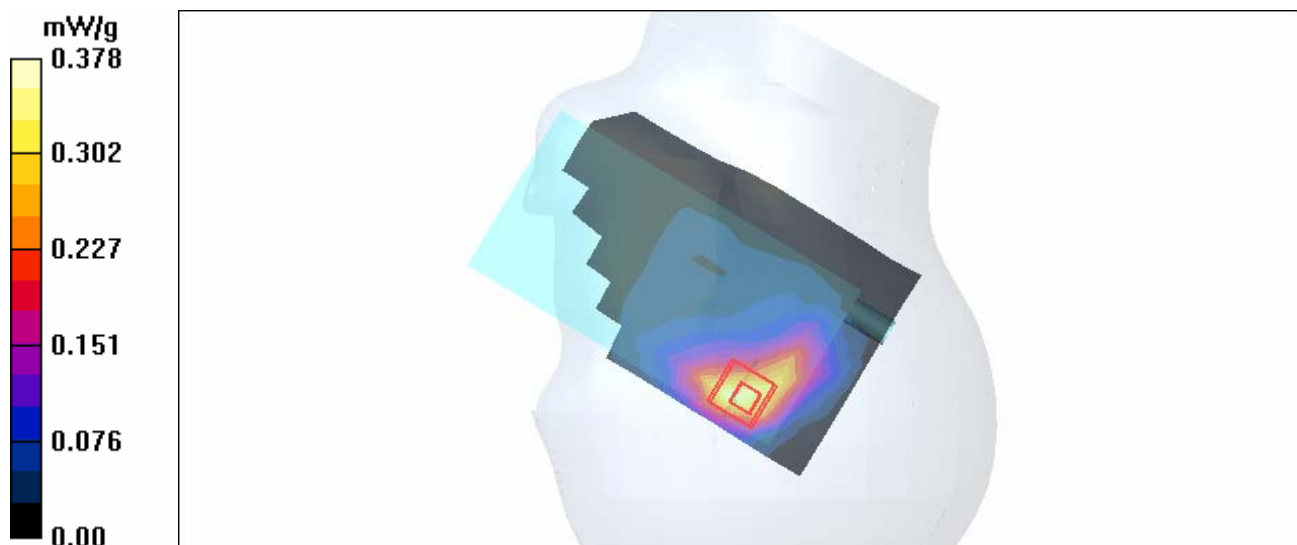
Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.9 V/m

Peak SAR (extrapolated) = 0.686 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.378 mW/g



Date/Time: 2005/10/17 19:43:29

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; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³ ;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.205 mW/g

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

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

Reference Value = 8.72 V/m

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.212 mW/g

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

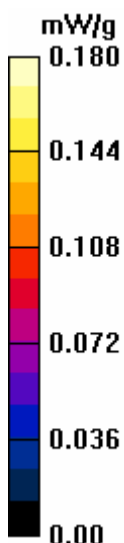
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.72 V/m

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



Date/Time: 2005/10/17 20:21:04

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

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.119 mW/g

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

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

Reference Value = 6.86 V/m

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.063 mW/g

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

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

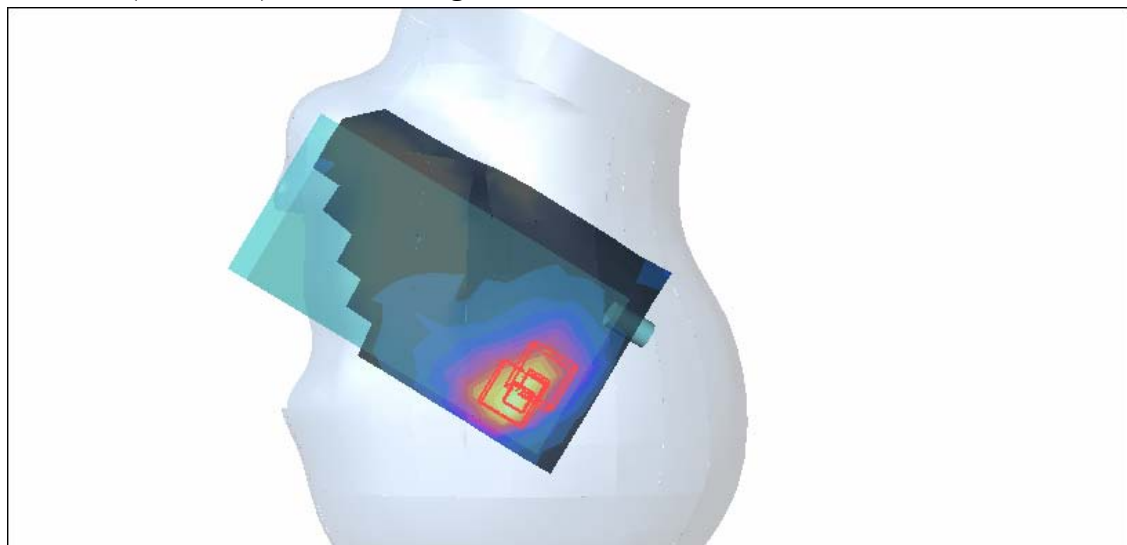
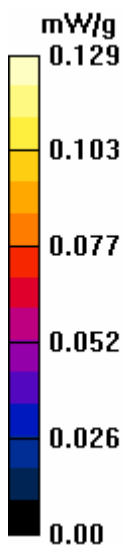
dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.86 V/m

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.129 mW/g



Date/Time: 2005/10/17 20:46:36

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

Medium: HSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

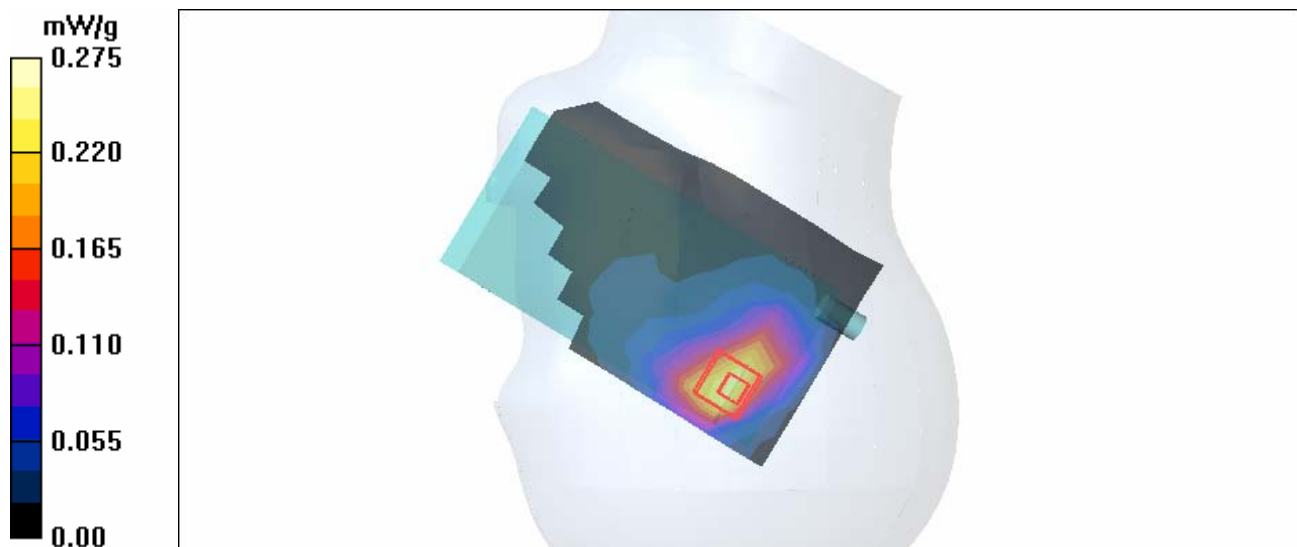
Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 degrees

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) = 0.246 mW/g

Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.8 V/m
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.275 mW/g



Date/Time: 2005/10/17 21:11:31

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

Medium: HSL2450 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.148 mW/g

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

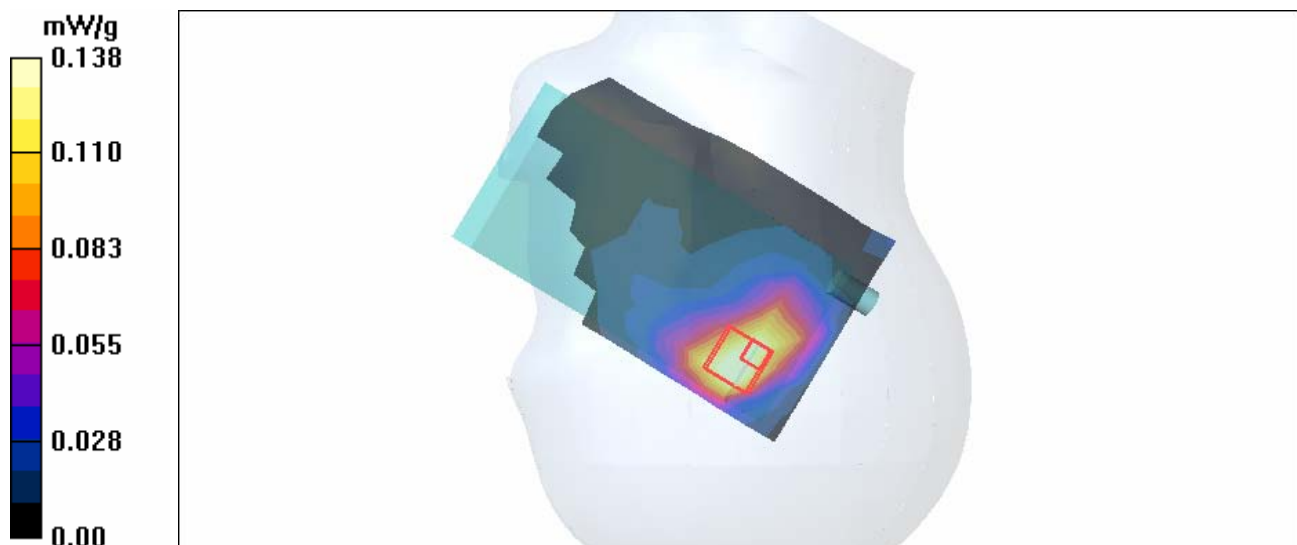
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.80 V/m

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.064 mW/g

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



Date/Time: 2005/10/17 21:36:49

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: $f = 2412 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 38.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.118 mW/g

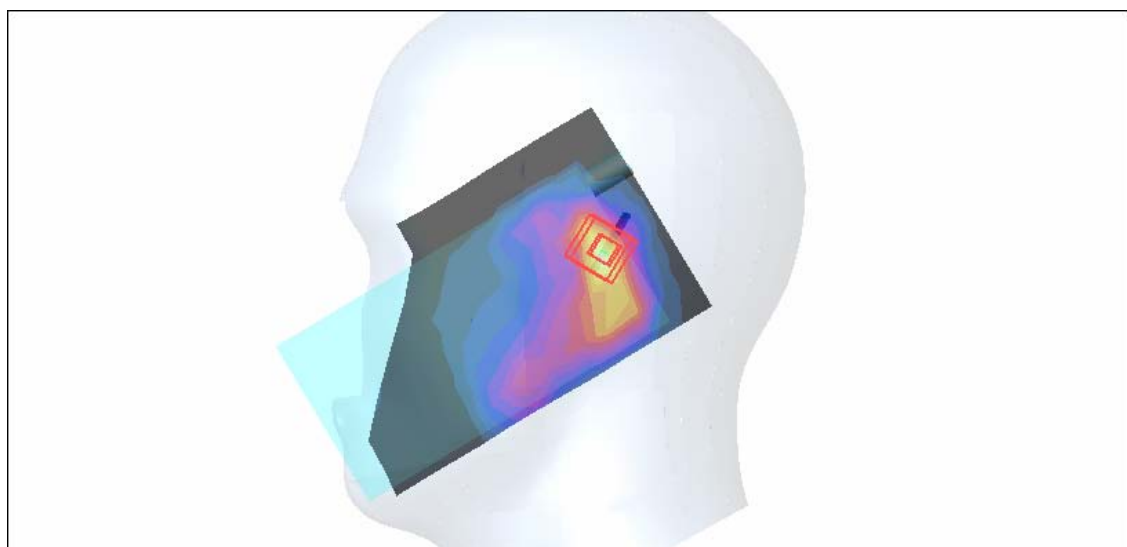
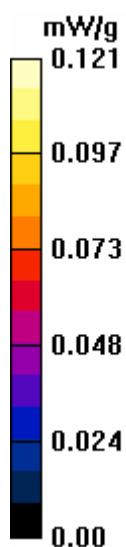
Touch position - Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 0.229 W/kg

SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.121 mW/g



Date/Time: 2005/10/17 22:14:41

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; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³ ;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.268 mW/g

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

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

Reference Value = 13.2 V/m

Peak SAR (extrapolated) = 0.539 W/kg

SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.118 mW/g

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

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

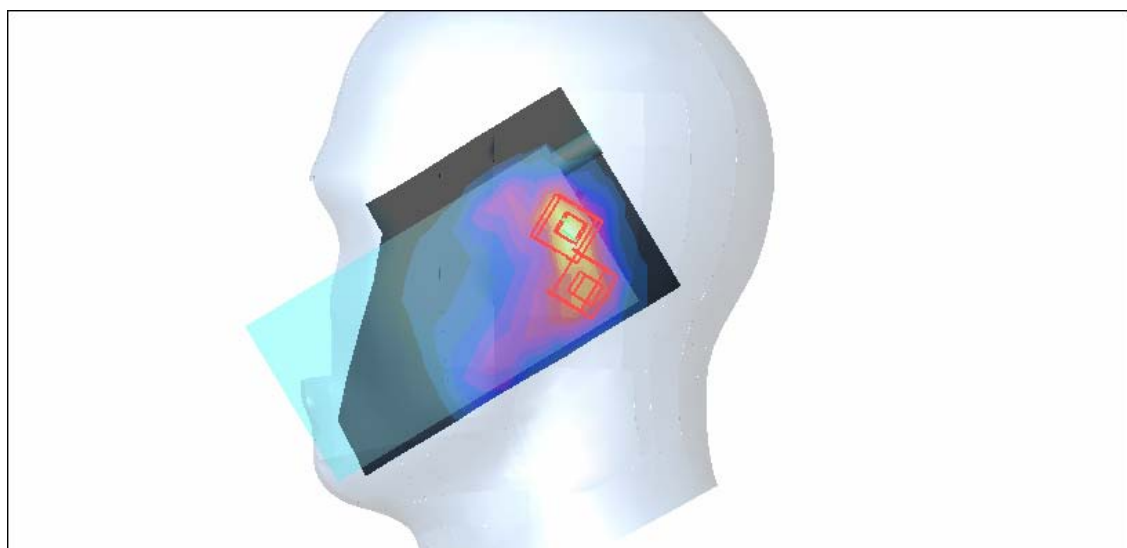
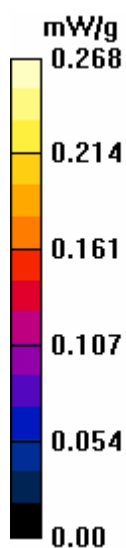
dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.2 V/m

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.250 mW/g



Date/Time: 2005/10/17 22:53:37

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: $f = 2462$ MHz; $\sigma = 1.82$ mho/m; $\epsilon_r = 38.3$; $\rho = 1000$ kg/m³ ;

Liquid level: 155mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.135 mW/g

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

Reference Value = 9.12 V/m

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.139 mW/g

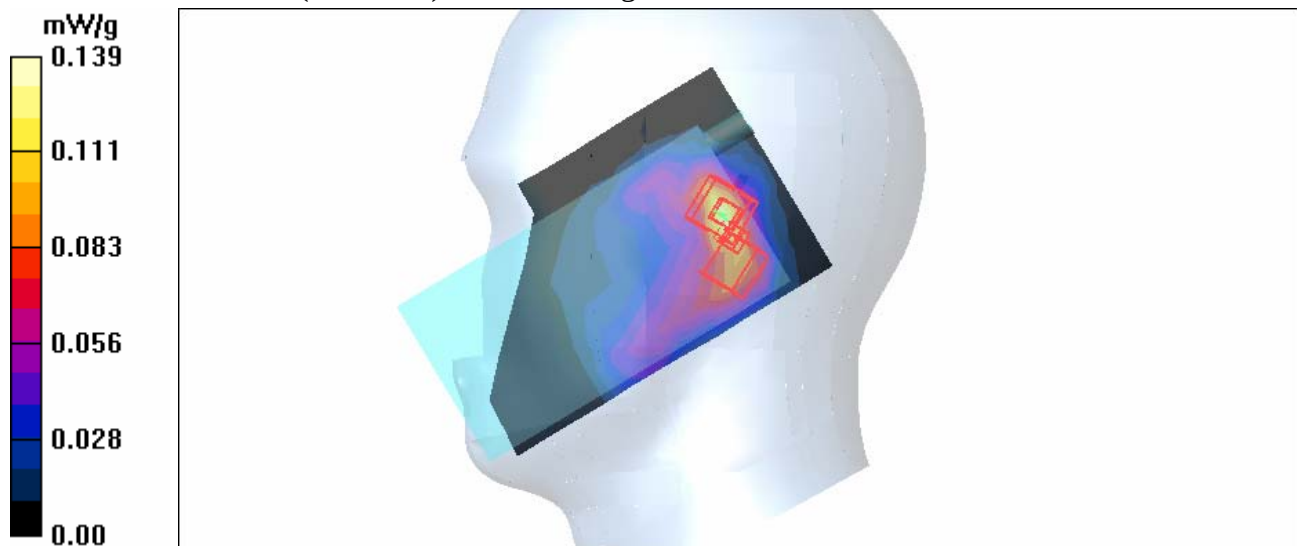
Touch position - High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.12 V/m

Peak SAR (extrapolated) = 0.274 W/kg

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

Maximum value of SAR (measured) = 0.133 mW/g



Date/Time: 2005/10/17 23:31:31

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

Medium: HSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 38.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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) = 0.098 mW/g

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

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

Reference Value = 8.05 V/m

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.096 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:

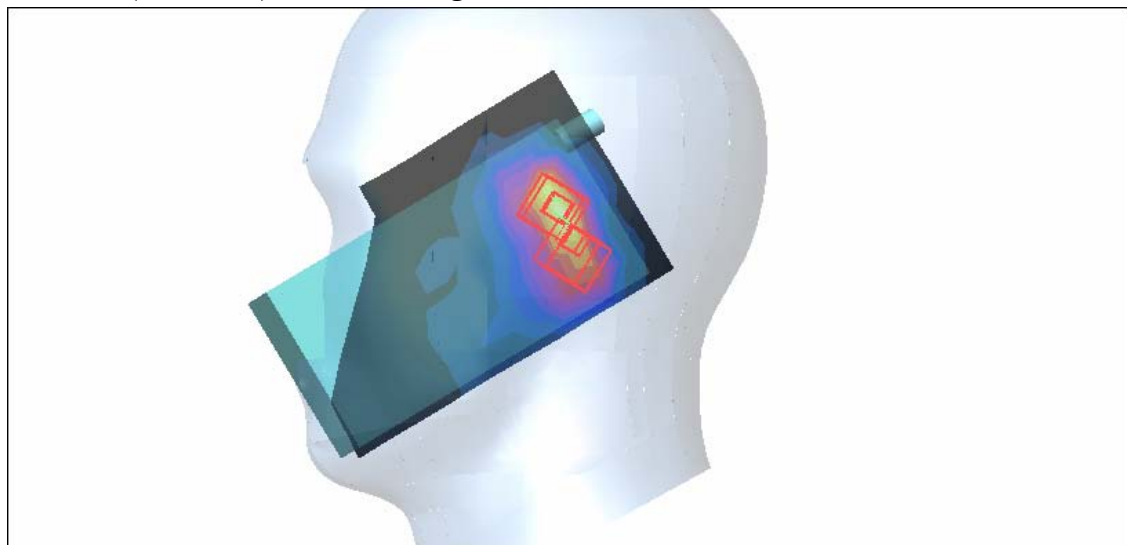
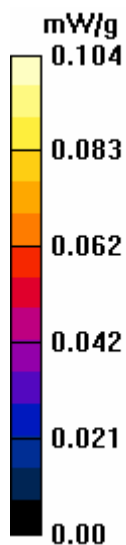
dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.05 V/m

Peak SAR (extrapolated) = 0.178 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



Date/Time: 2005/10/17 23:56:24

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

Medium: HSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.79 \text{ mho/m}$; $\epsilon_r = 38.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.236 mW/g

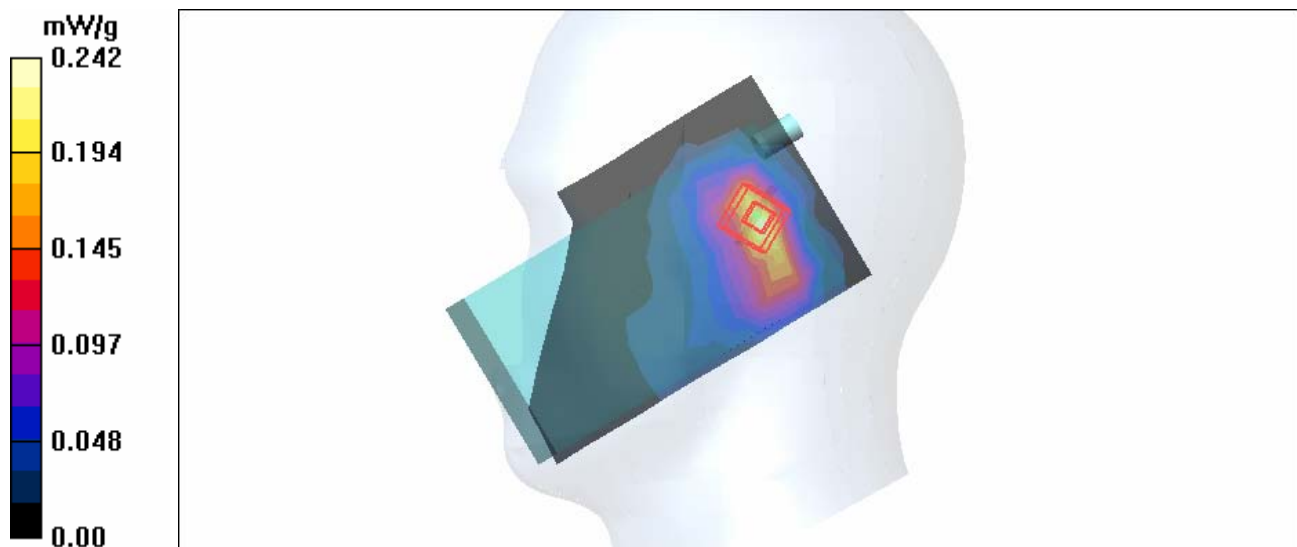
Tilt position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.4 V/m

Peak SAR (extrapolated) = 0.472 W/kg

SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.242 mW/g



Date/Time: 2005/10/18 00:39:28

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

Medium: HSL2450 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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 = 9.07 V/m

Peak SAR (extrapolated) = 0.268 W/kg

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

Maximum value of SAR (measured) = 0.131 mW/g

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

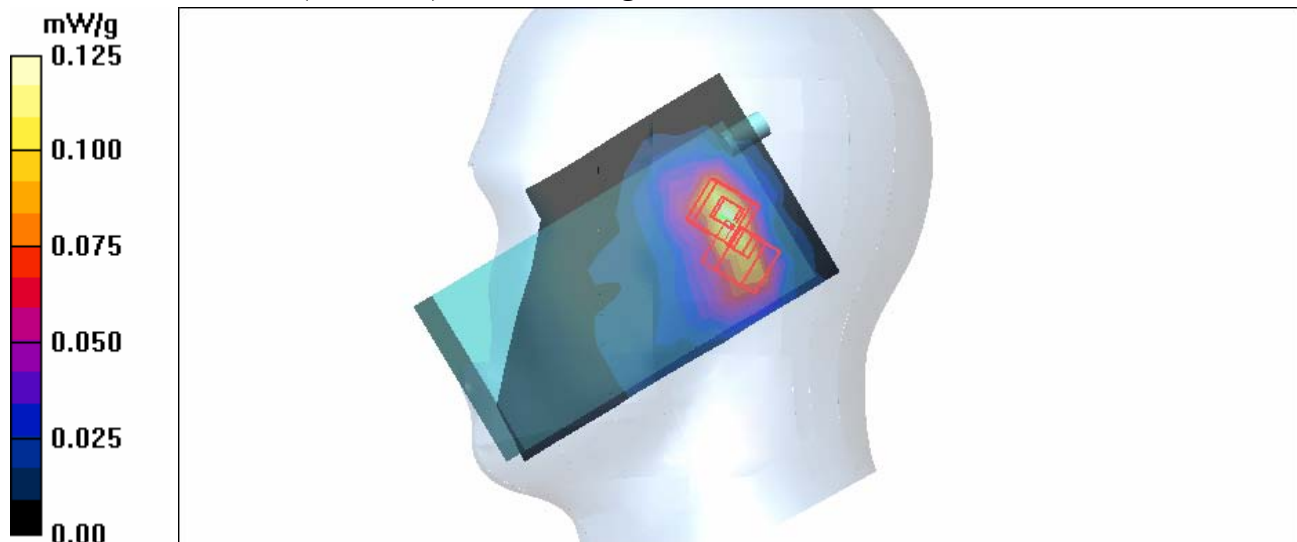
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.07 V/m

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.047 mW/g

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



Date/Time: 2005/10/19 12:48:18

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: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³ ; Liquid level : 150mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)
Antenna type : PIFA Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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) = 0.051 mW/g

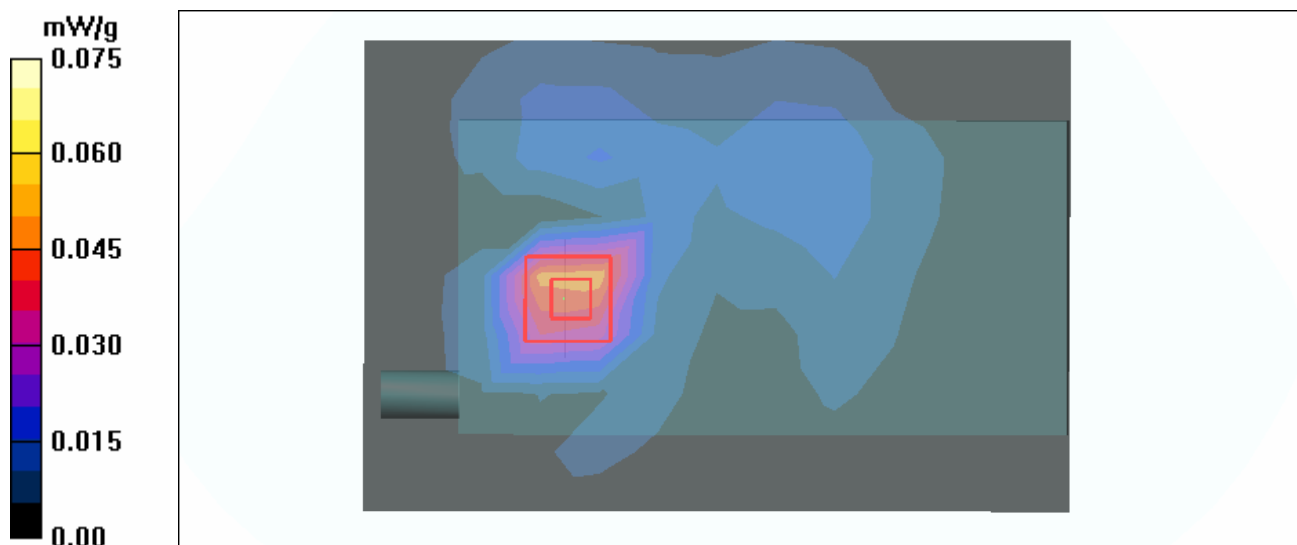
Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.83 V/m

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.075 mW/g



Date/Time: 2005/10/19 13:22:06

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: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid level : 150mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)

Antenna type : PIFA Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.081 mW/g

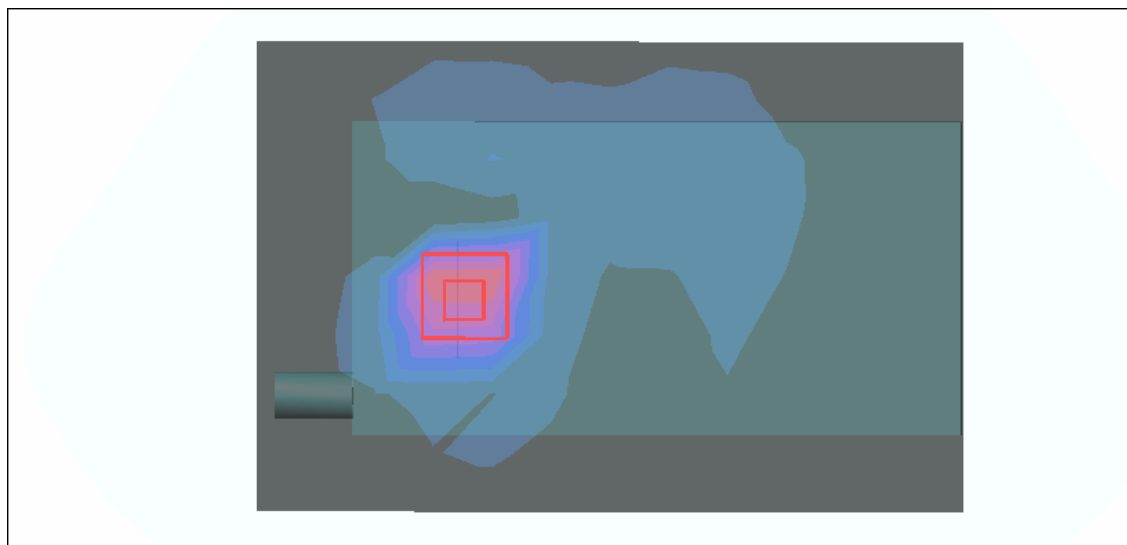
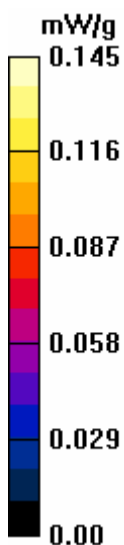
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.26 V/m

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.053 mW/g

Maximum value of SAR (measured) = 0.145 mW/g



Date/Time: 2005/10/19 13:56:06

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: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.01$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³ ; Liquid level : 150mm

Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)

Antenna type : PIFA Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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) = 0.052 mW/g

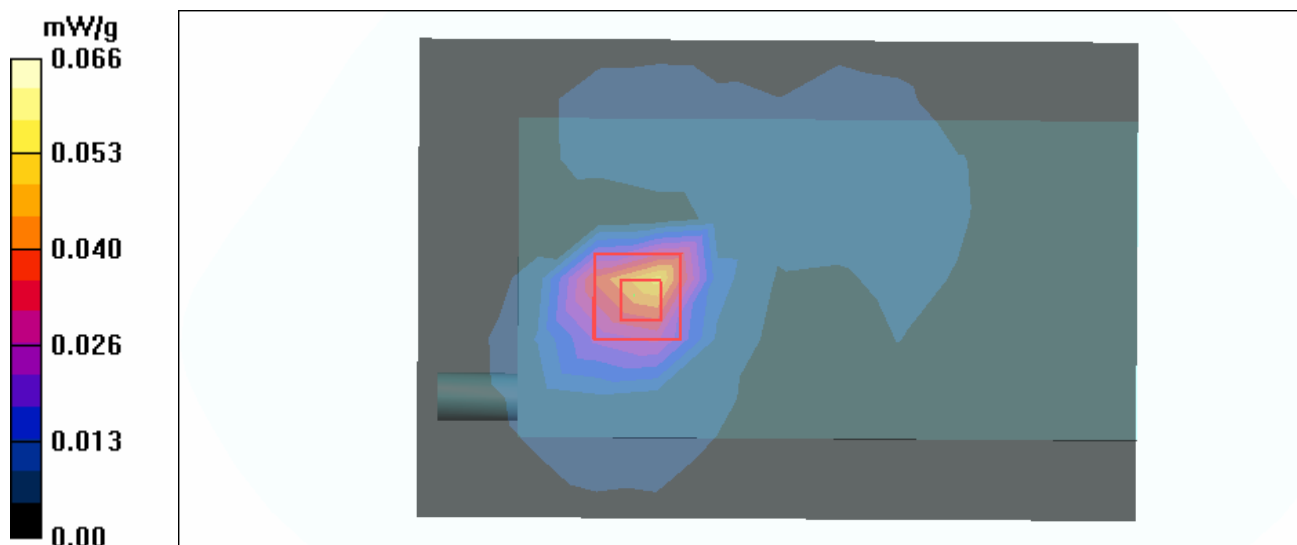
High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.51 V/m

Peak SAR (extrapolated) = 0.104 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.028 mW/g

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



Date/Time: 2005/10/18 10:51:45

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: $f = 2402 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (8x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

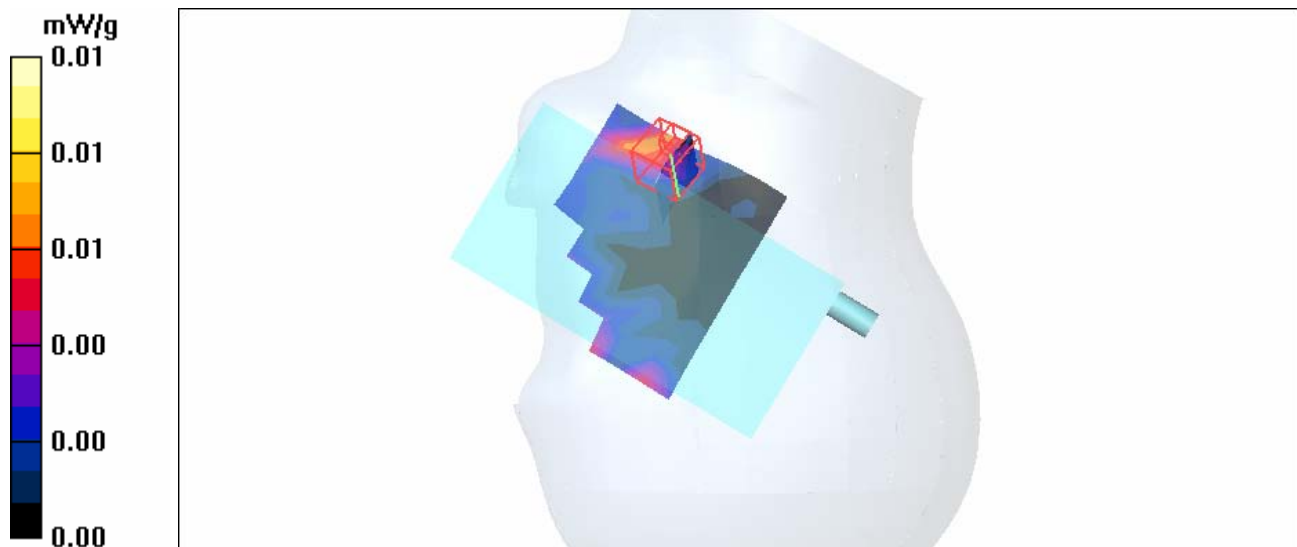
Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.774 V/m

Peak SAR (extrapolated) = 0.018W/kg

SAR(1 g) = 0.000907 mW/g; SAR(10 g) = 8.95e-005 mW/g



Date/Time: 2005/10/18 11:15:08

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: $f = 2441 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

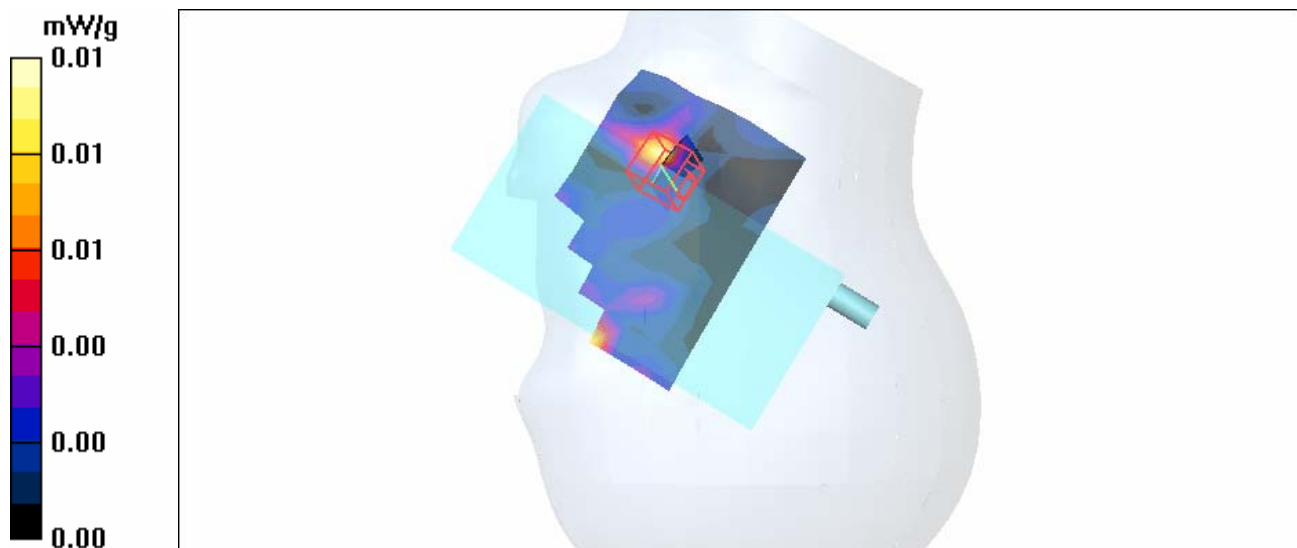
Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.632 V/m

Peak SAR (extrapolated) = 0.014W/kg

SAR(1 g) = **0.000586 mW/g**; SAR(10 g) = 0.000146 mW/g



Date/Time: 2005/10/18 11:37:28

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: $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: dx=15mm, dy=15mm

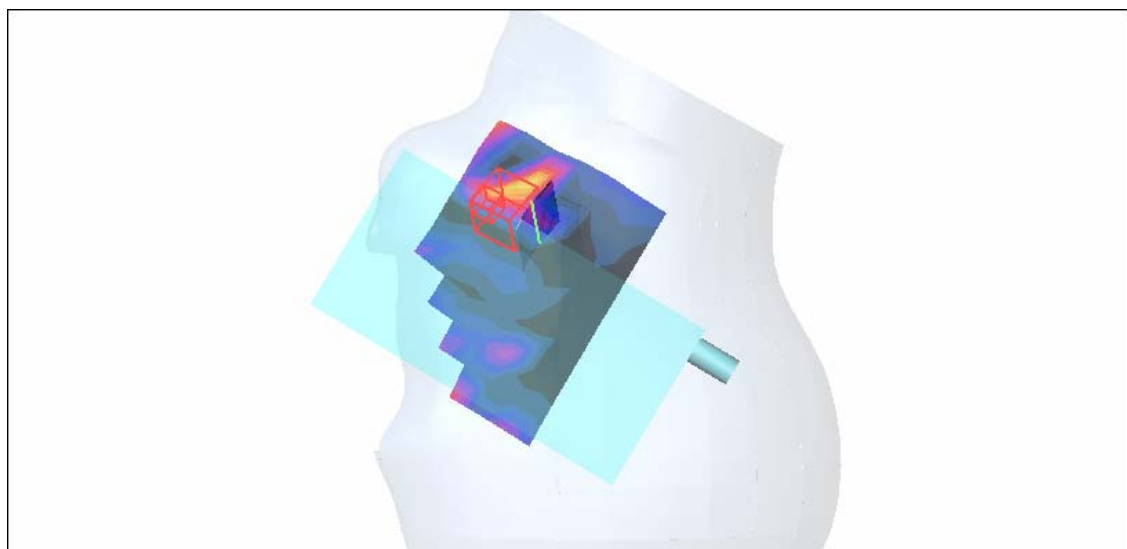
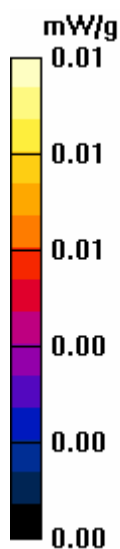
Maximum value of SAR (measured) = 0.01 mW/g

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

Reference Value = 0.321 V/m

Peak SAR (extrapolated) = 0.00 W/kg

SAR(1 g) = **8.19e-005 mW/g**; SAR(10 g) = 2.12e-005 mW/g



Date/Time: 2005/10/18 12:00:13

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

Medium: HSL2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

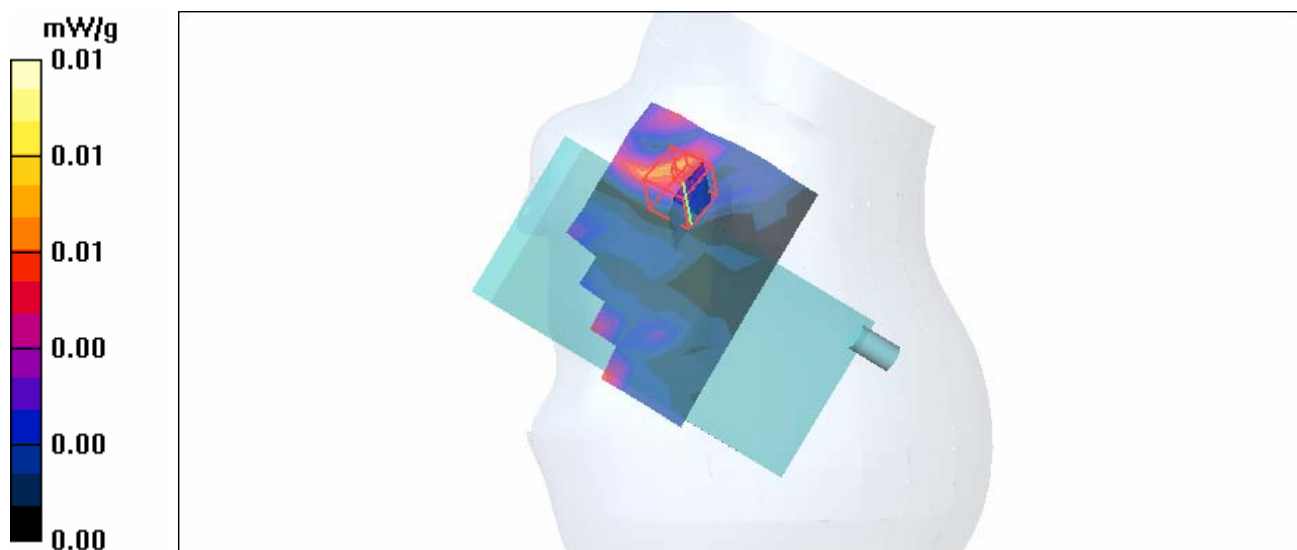
Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.328 V/m

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = **0.000339 mW/g**; SAR(10 g) = **3.6e-005 mW/g**



Date/Time: 2005/10/18 12:30:41

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

Medium: HSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

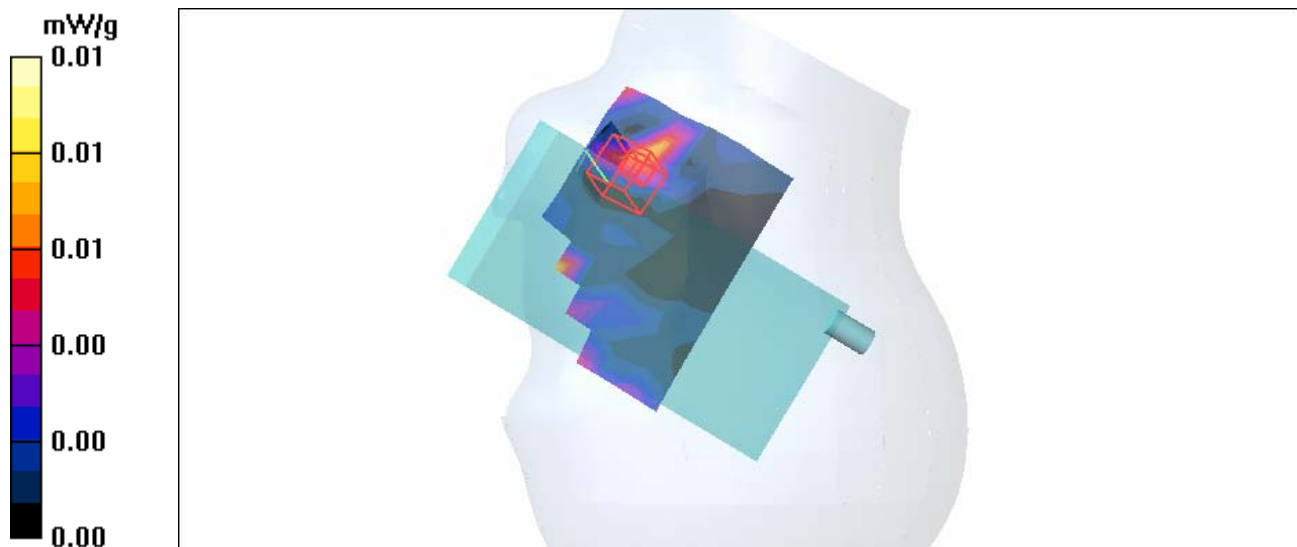
Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 0.347V/m

Peak SAR (extrapolated) = 0.018 W/kg

SAR(1 g) = **0.000218 mW/g**; SAR(10 g) = 1.96e-005 mW/g



Date/Time: 2005/10/18 12:51:22

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

Medium: HSL2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): 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 0: Measurement grid:

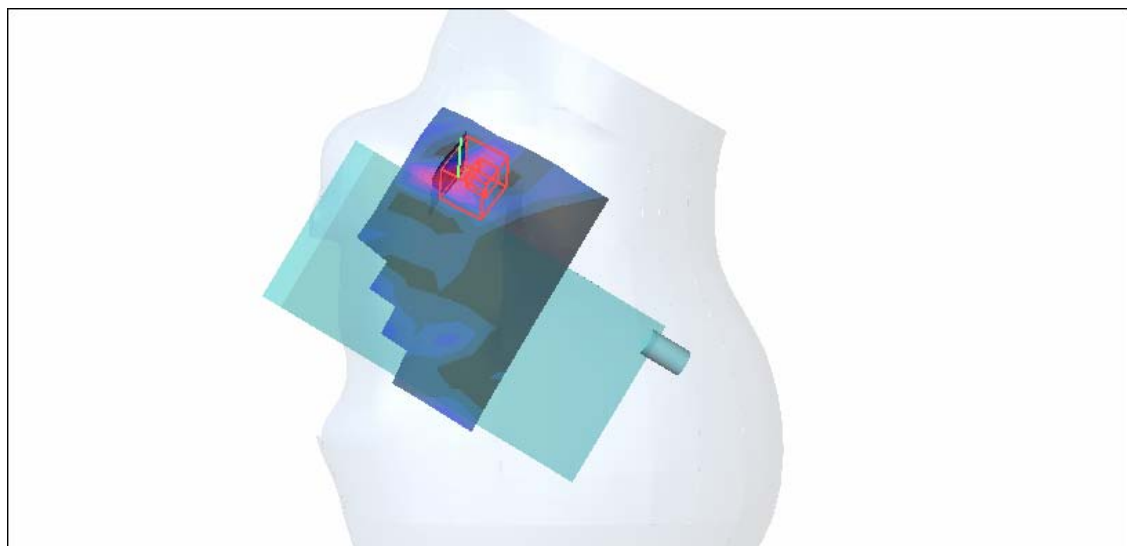
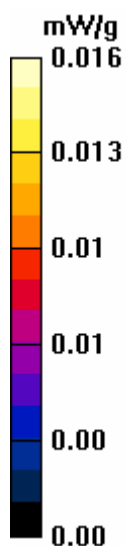
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.138 V/m

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.000471W/g; SAR(10 g) = 4.57e-005 mW/g

Maximum value of SAR (measured) = 0.016 mW/g



Date/Time: 2005/10/18 13:15:54

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: $f = 2402 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

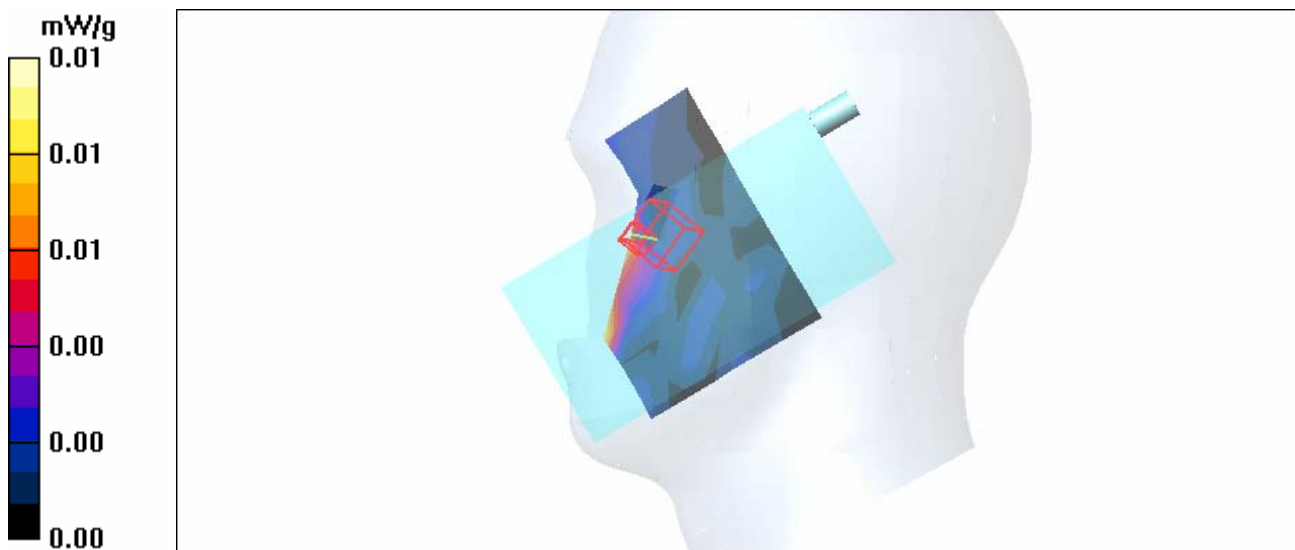
Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

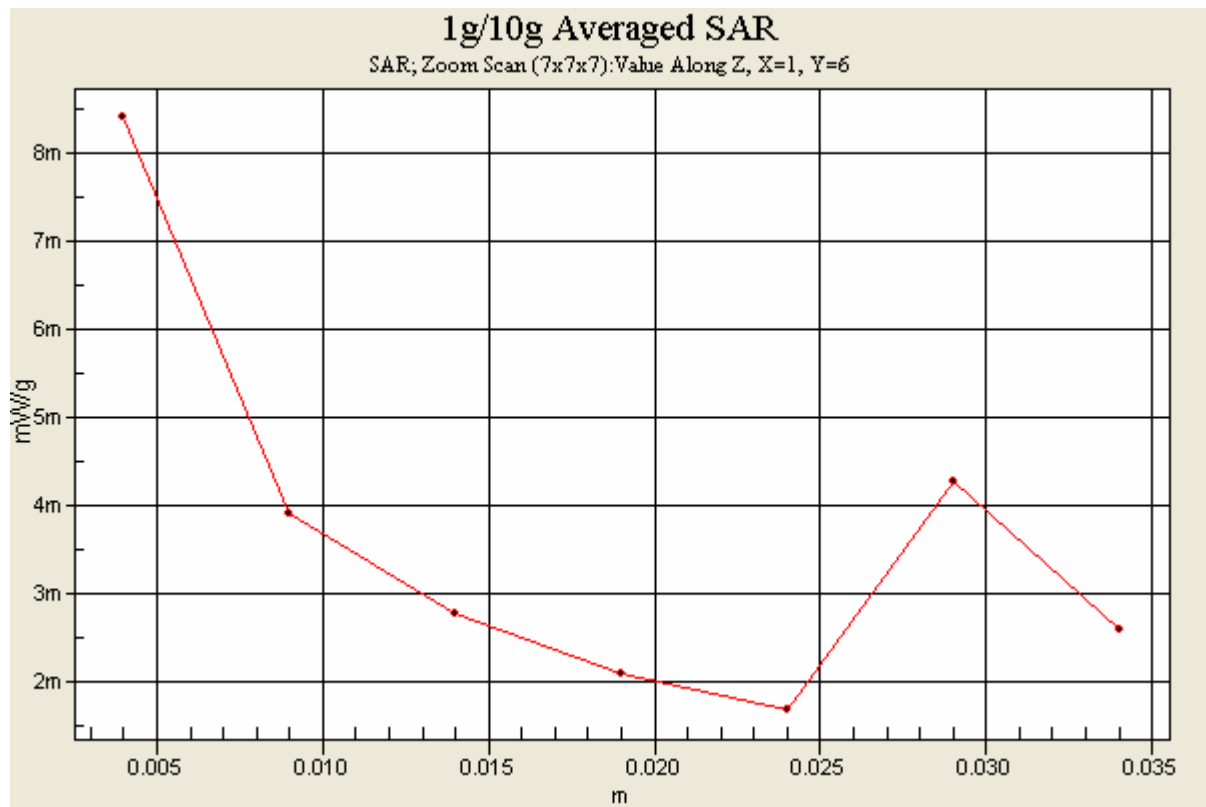
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.816 V/m

Peak SAR (extrapolated) = 0.024 W/kg

SAR(1 g) = 0.00453 mW/g; SAR(10 g) = 0.000563 mW/g





Date/Time: 2005/10/18 13:30:10

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: $f = 2441 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 39.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

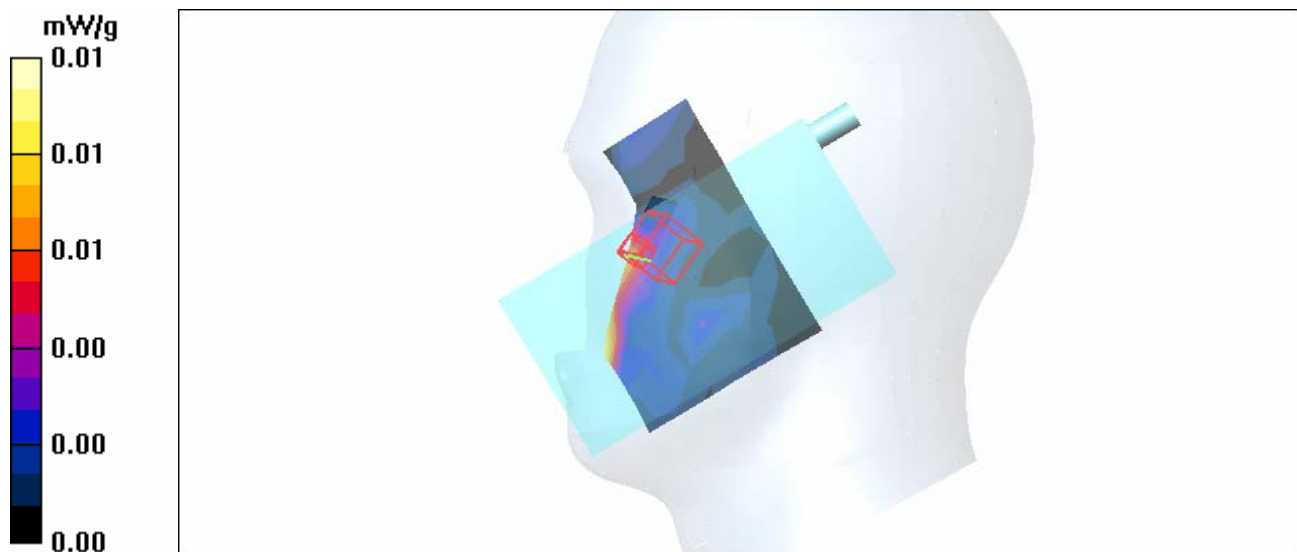
Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.987 V/m

Peak SAR (extrapolated) = 0.013 W/kg

SAR(1 g) = **0.00142 mW/g**; SAR(10 g) = 0.000206 mW/g



Date/Time: 2005/10/18 13:52:51

Test Laboratory: Advance Data Technology

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: $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

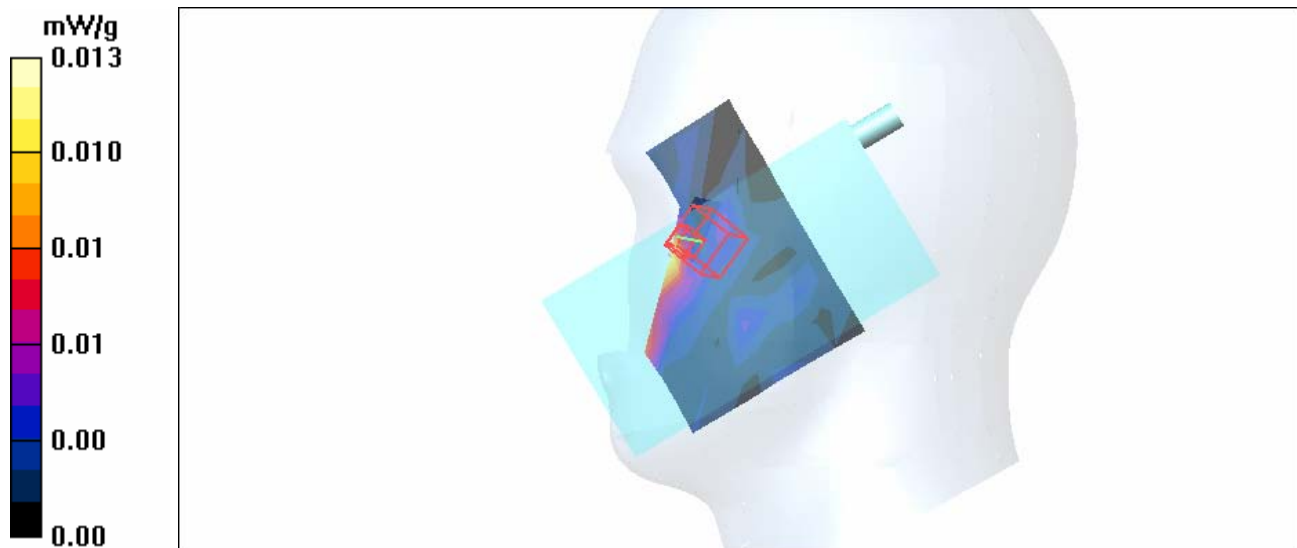
Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.646 V/m

Peak SAR (extrapolated) = 0.027 W/kg

SAR(1 g) = 0.00232 mW/g; SAR(10 g) = 0.000295 mW/g

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



Date/Time: 2005/10/18 14:16:11

Test Laboratory: Advance Data Technology

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

Medium: HSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³ ;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: dx=15mm, dy=15mm

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

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

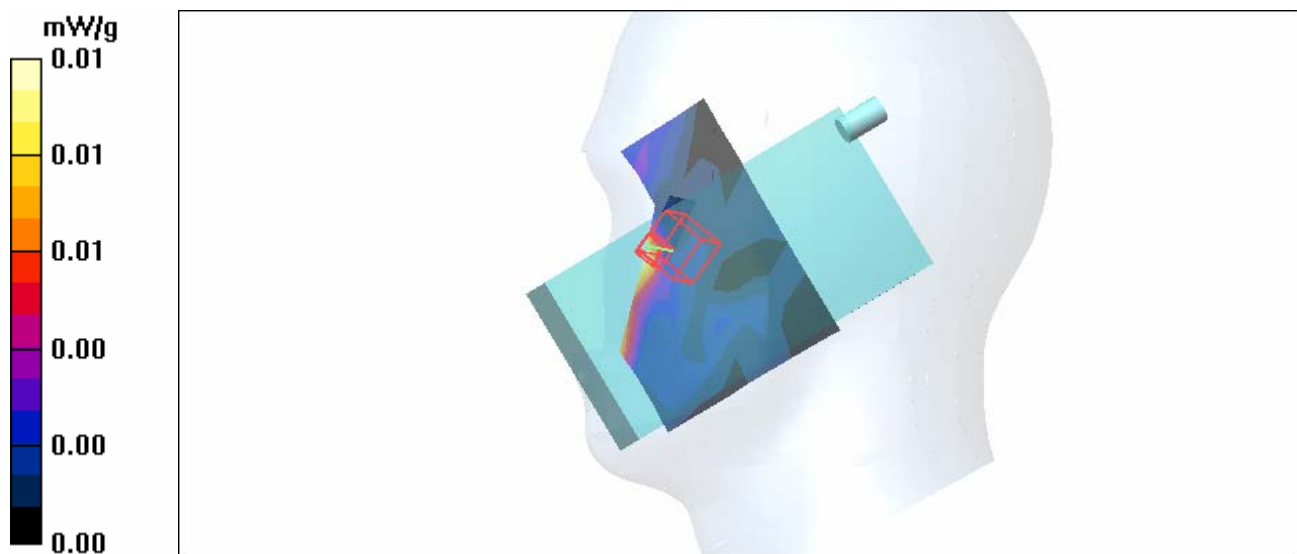
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.295 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 0.00137 mW/g; SAR(10 g) = 0.000124 mW/g

Maximum value of SAR (measured) = 0.01 mW/g



Date/Time: 2005/10/18 14:37:48

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

Medium: HSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): 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:

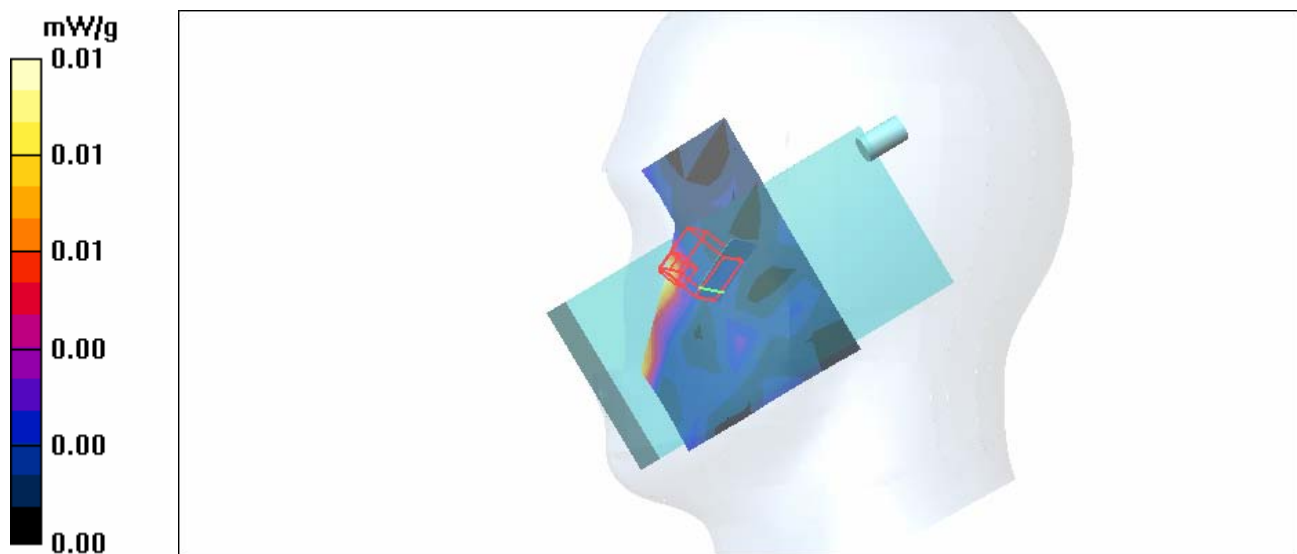
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.676 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 0.000541 mW/g; SAR(10 g) = 7.04e-005 mW/g

Maximum value of SAR (measured) = 0.00 mW/g



Date/Time: 2005/10/18 15:01:33

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

Medium: HSL2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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 (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.01 mW/g

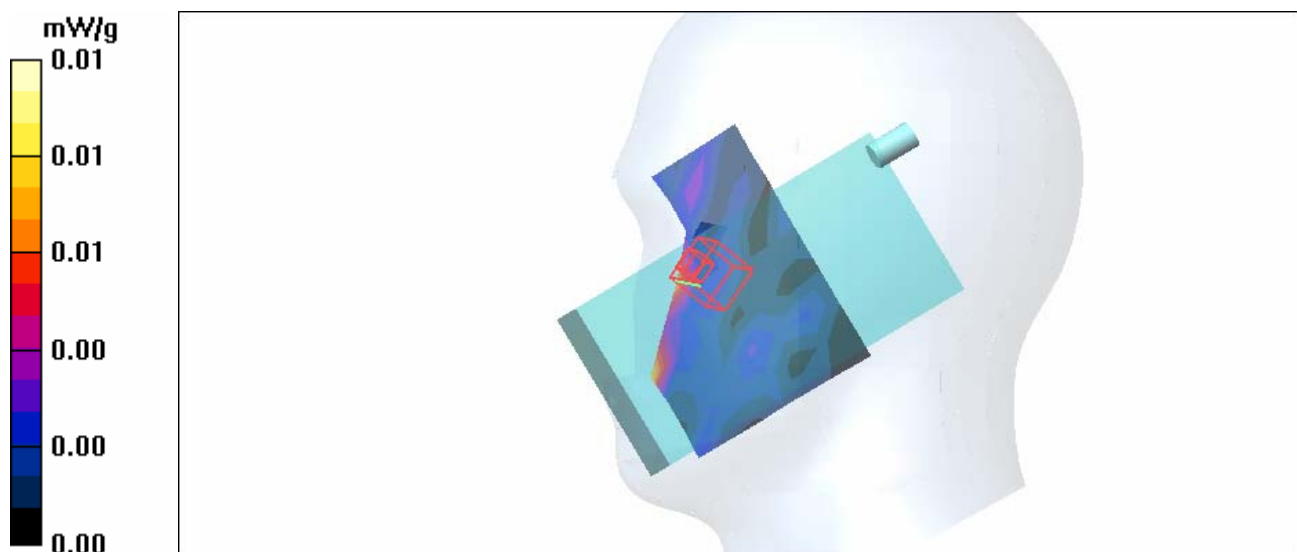
Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.547 V/m

Peak SAR (extrapolated) = 0.017 W/kg

SAR(1 g) = **0.00195 mW/g**; SAR(10 g) = 0.000256 mW/g



Date/Time: 2005/10/19 14:38:20

Test Laboratory: Advance Data Technology

Body Worn-BT-Ch0-Keypad Up-Mode 15

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

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

Medium: MSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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

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

Antenna Type : Chip Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 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 0/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00 mW/g

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

Reference Value = 0.534 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 4.41e-005 mW/g; SAR(10 g) = 1.09e-005 mW/g

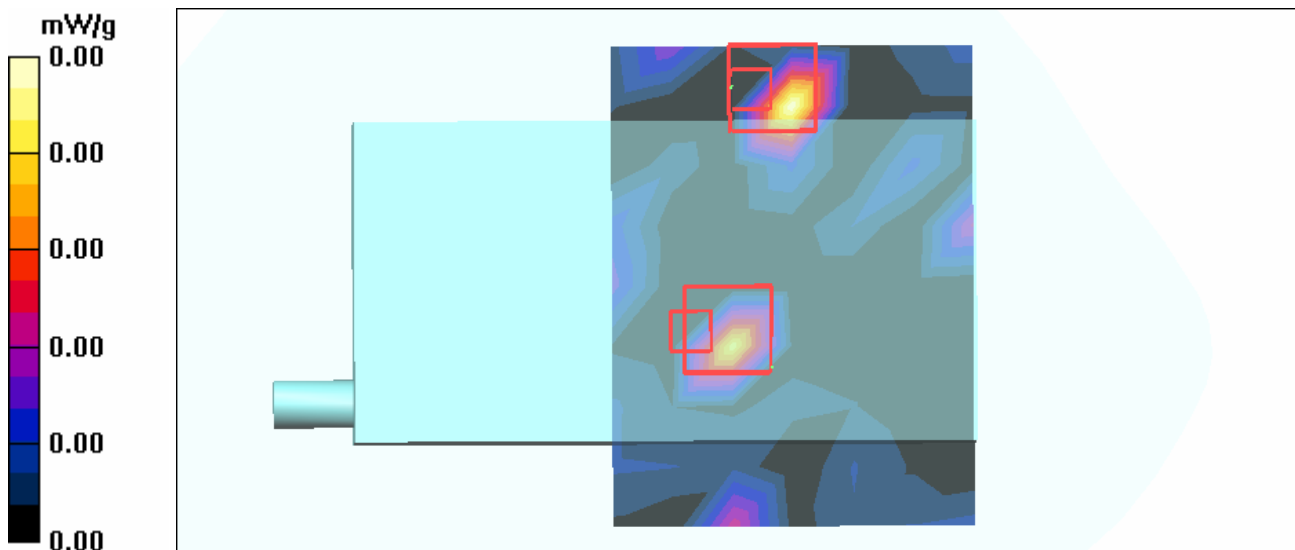
Maximum value of SAR (measured) = 0.01 mW/g

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

Reference Value = 0.534 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 6.4e-005 mW/g; SAR(10 g) = 9.71e-006 mW/g



Date/Time: 2005/10/19 14:17:44

Test Laboratory: Advance Data Technology

Body Worn-BT-Ch39-Keypad Up-Mode 15

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

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

Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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

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

Antenna Type : Chip Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 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 39/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00 mW/g

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

Reference Value = 0.272 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 7.54e-005 mW/g; SAR(10 g) = 1.75e-005 mW/g

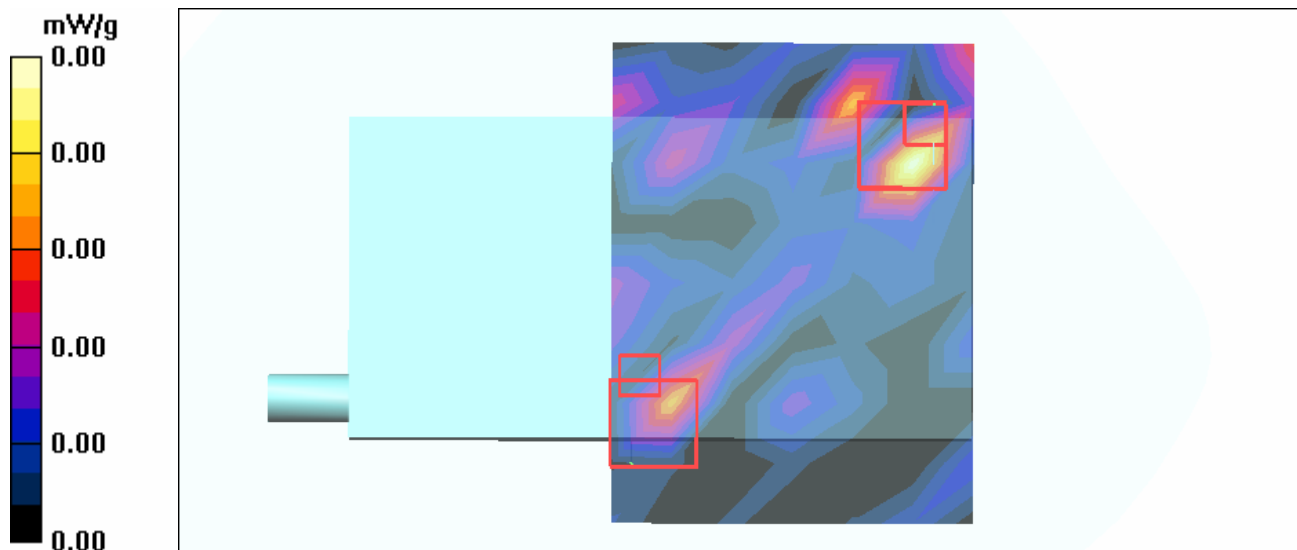
Maximum value of SAR (measured) = 0.01 mW/g

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

Reference Value = 0.272 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 0.000149 mW/g; SAR(10 g) = 1.86e-005 mW/g



Date/Time: 2005/10/19 14:56:22

Test Laboratory: Advance Data Technology

Body Worn-BT-Ch78-Keypad Up-Mode 15

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

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

Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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

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

Antenna Type : Chip Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 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 78/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00 mW/g

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

Reference Value = 0.563 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 0.000179 mW/g; SAR(10 g) = 3.94e-005 mW/g

Maximum value of SAR (measured) = 0.01 mW/g

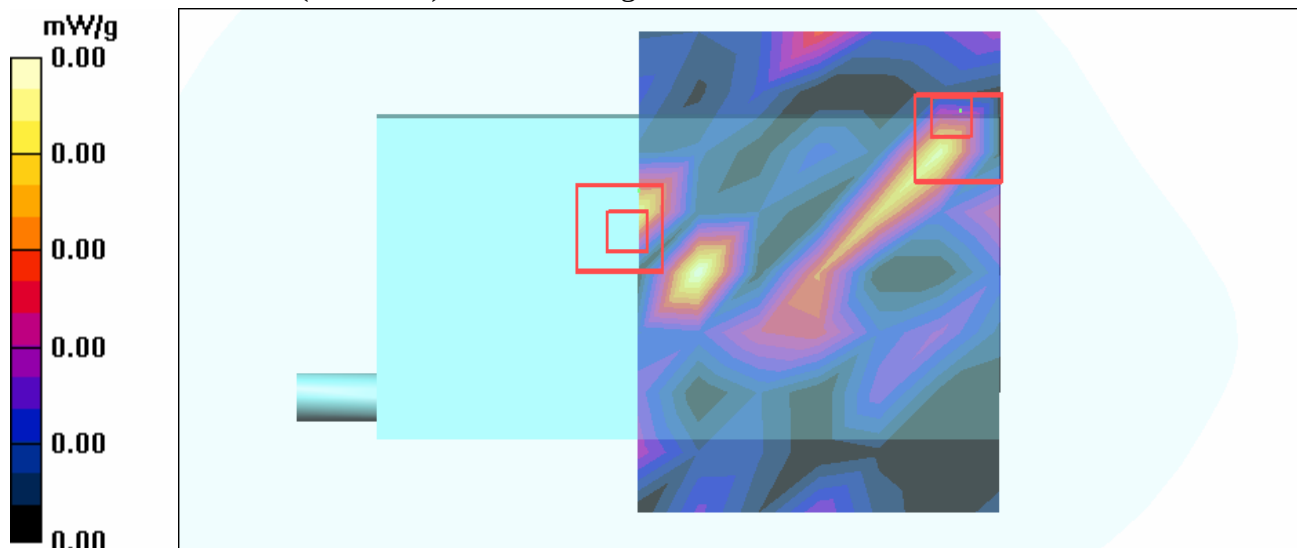
High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.563 V/m

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.000234 mW/g; SAR(10 g) = 0.0001 mW/g

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



Date/Time: 2005/10/24 10:50:52

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch36-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.69 \text{ mho/m}$; $\epsilon_r = 36.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 36/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.23 mW/g

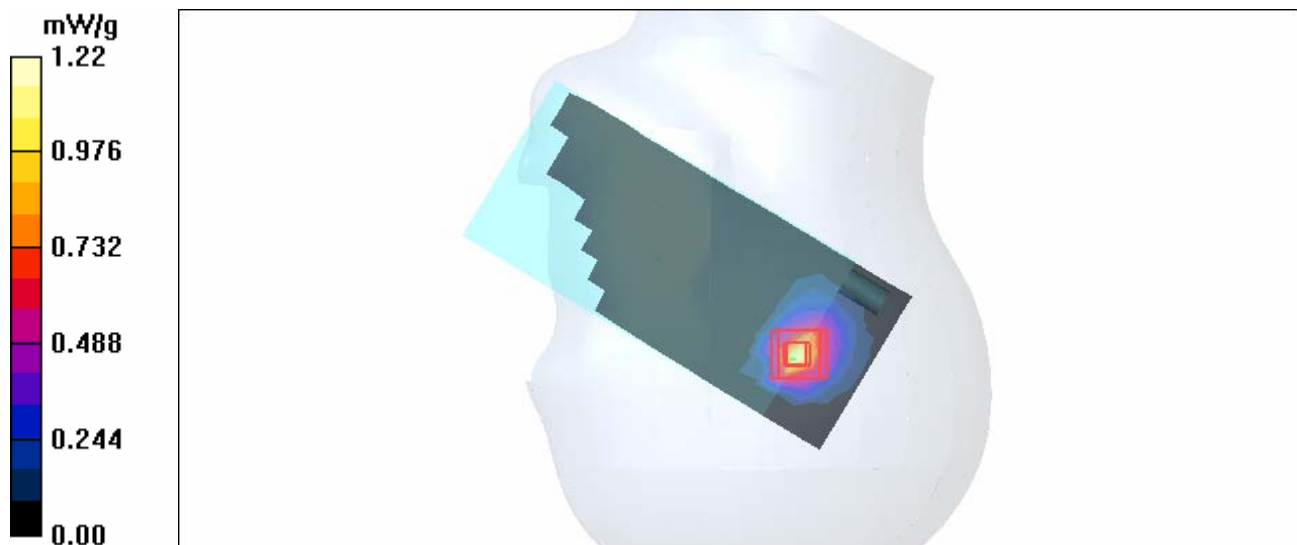
Touch Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 8.61 V/m

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.262 mW/g

Maximum value of SAR (measured) = 1.22 mW/g



Date/Time: 2005/10/24 11:31:01

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch48-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.76 \text{ mho/m}$; $\epsilon_r = 36.7$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.57 mW/g

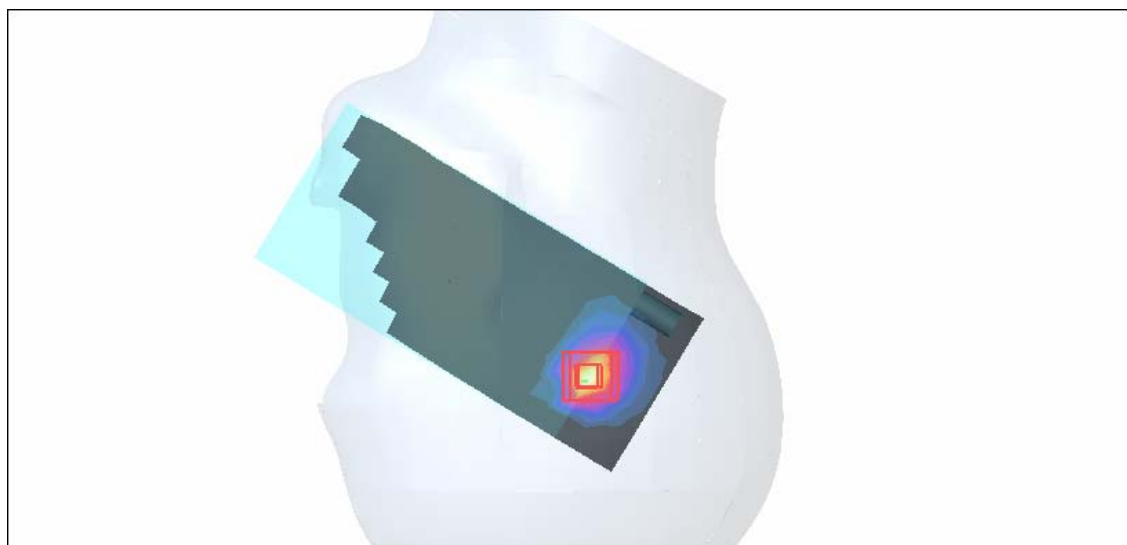
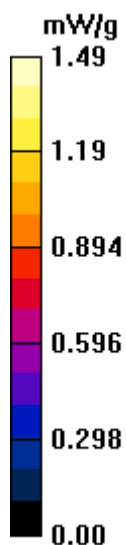
Touch Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 8.91 V/m

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.920 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



Date/Time: 2005/10/24 12:10:07

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch52-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.79 \text{ mho/m}$; $\epsilon_r = 36.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.43 mW/g

Touch Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.85 V/m

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 0.905 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 1.48 mW/g



Date/Time: 2005/10/24 12:48:18

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch64-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.86 \text{ mho/m}$; $\epsilon_r = 36.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 64/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.40 mW/g

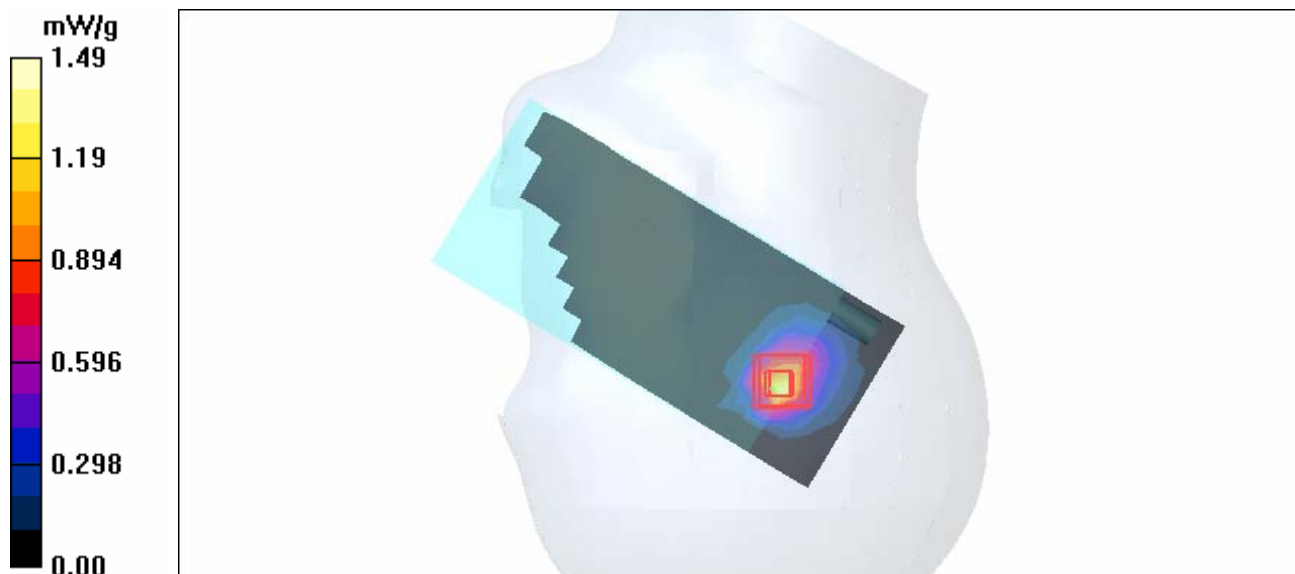
Touch Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 11.3 V/m

Peak SAR (extrapolated) = 2.94 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.326 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



Date/Time: 2005/10/24 13:26:00

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch149-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.37 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 149/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.427 mW/g

Touch Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 6.35 V/m

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.114 mW/g

Maximum value of SAR (measured) = 0.530 mW/g



Date/Time: 2005/10/24 14:04:23

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch157-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.41 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 157/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.533 mW/g

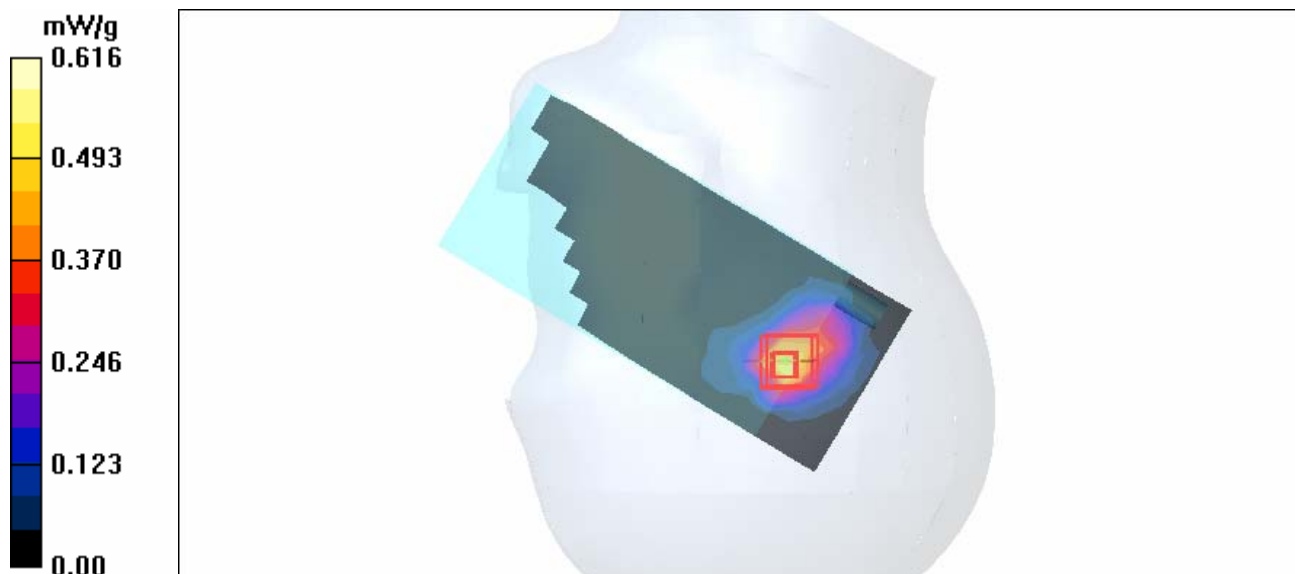
Touch Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.31 V/m

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.616 mW/g



Date/Time: 2005/10/24 14:43:11

Test Laboratory: Advance Data Technology

Right Head-Cheek-11a-Ch165-Mode 16

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.45 \text{ mho/m}$; $\epsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 165/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

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

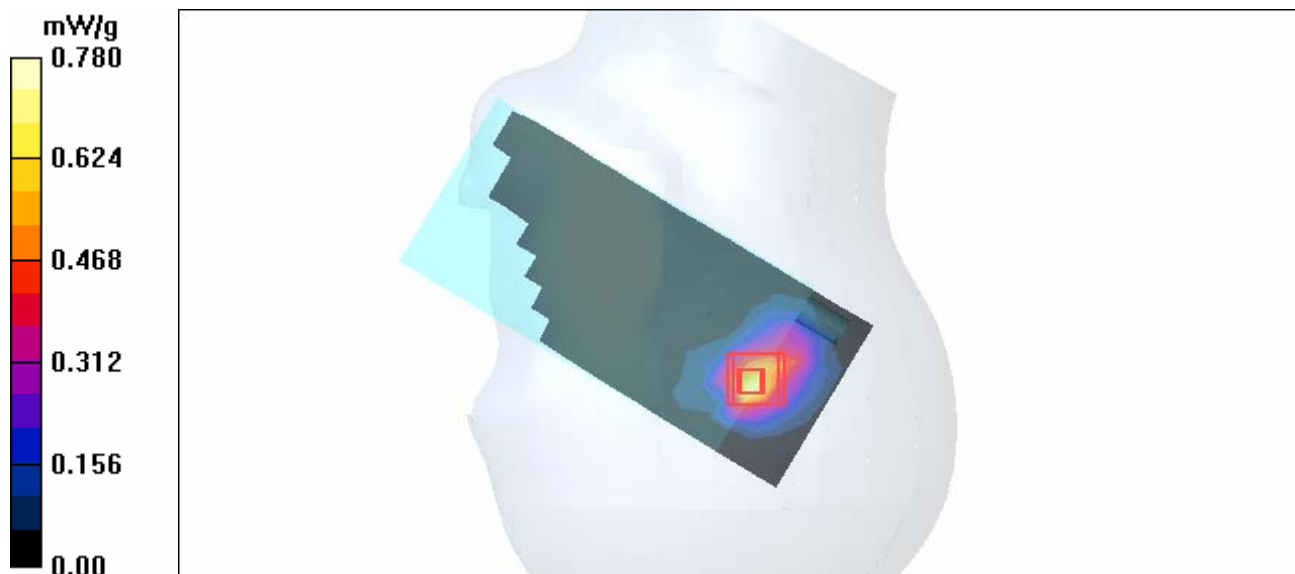
Touch Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 7.19 V/m

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.780 mW/g



Date/Time: 2005/10/24 15:18:45

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch36-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.69$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.40 mW/g

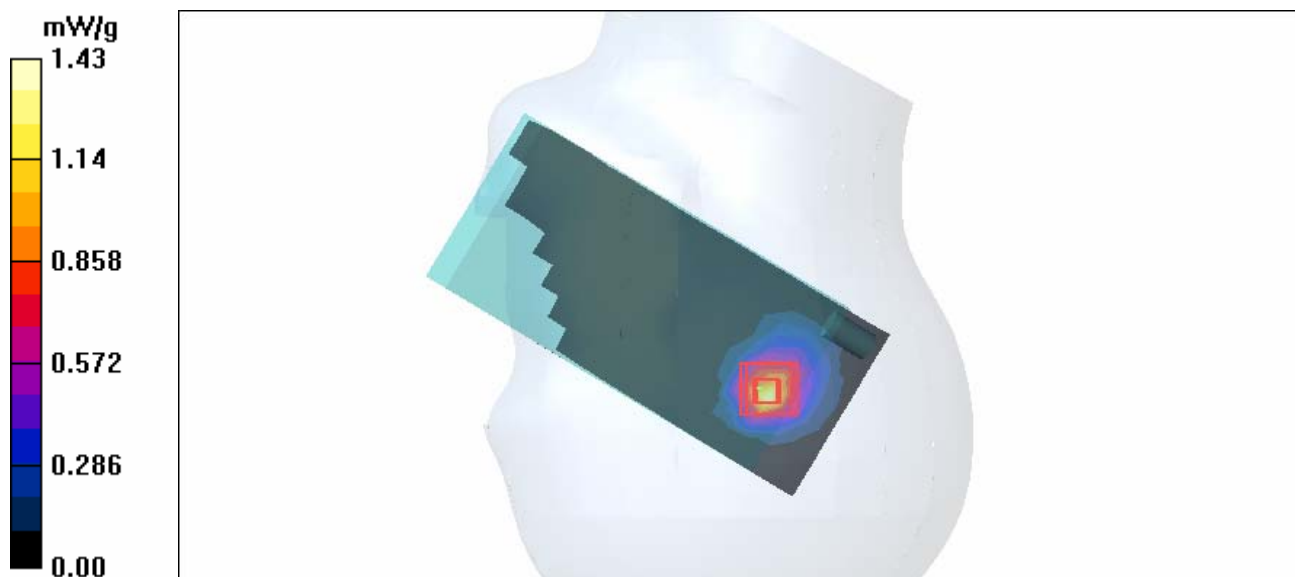
Tilt Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 0.889 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 1.43 mW/g



Date/Time: 2005/10/24 15:55:42

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch48-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.76$ mho/m; $\epsilon_r = 36.7$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.54 mW/g

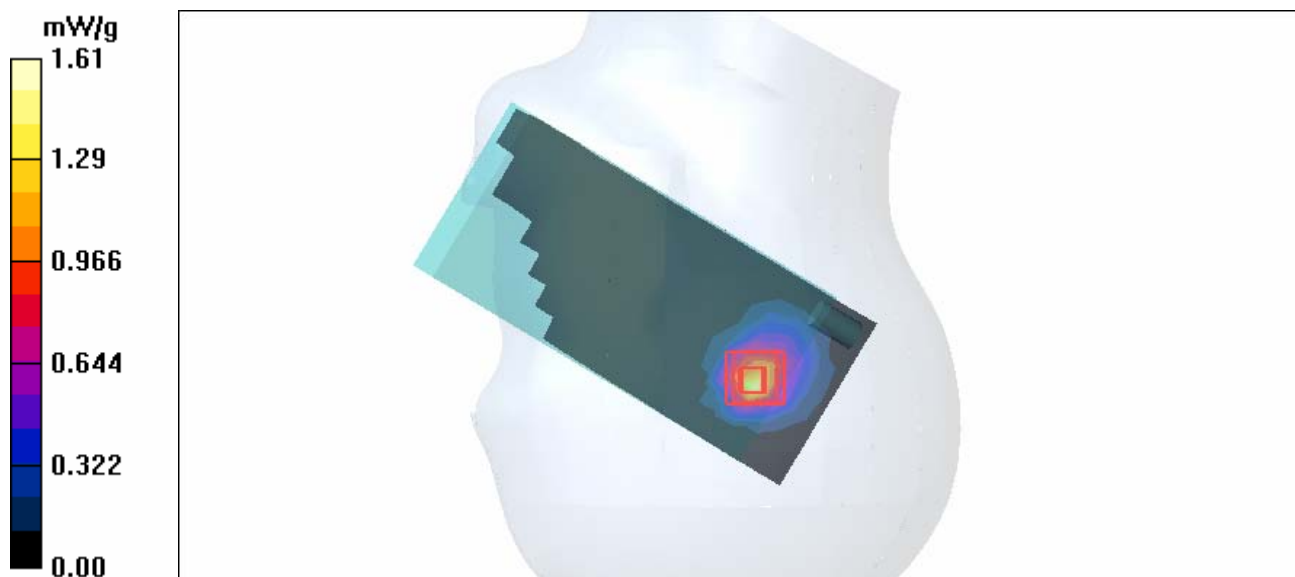
Tilt Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.3 V/m

Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 1.61 mW/g



Date/Time: 2005/10/24 16:31:14

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch52-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.60 mW/g

Tilt Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.5 V/m

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 1.65 mW/g



Date/Time: 2005/10/24 17:04:39

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch64-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.86$ mho/m; $\epsilon_r = 36.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.56 mW/g

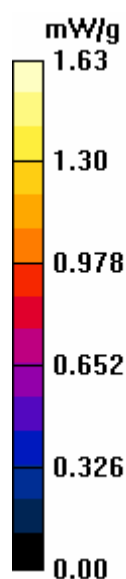
Tilt Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 12.5 V/m

Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.365 mW/g

Maximum value of SAR (measured) = 1.63 mW/g



Date/Time: 2005/10/24 17:38:15

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch149-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.37 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 149/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.491 mW/g

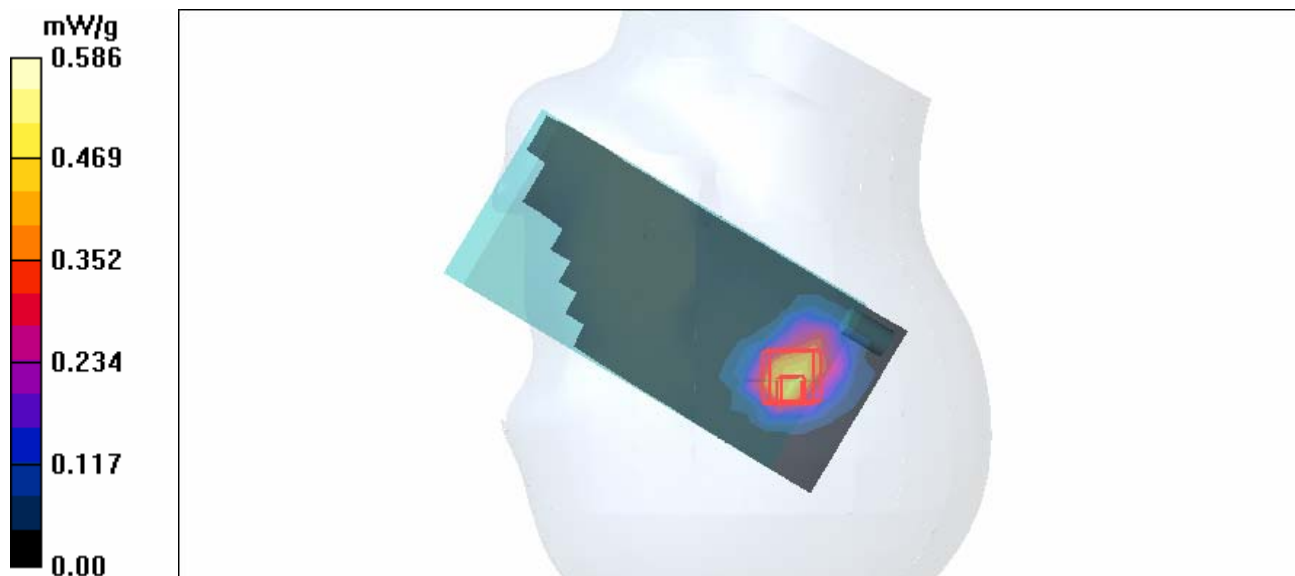
Tilt Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 8.03 V/m

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.586 mW/g



Date/Time: 2005/10/24 18:32:56

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch157-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.41 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 157/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.726 mW/g

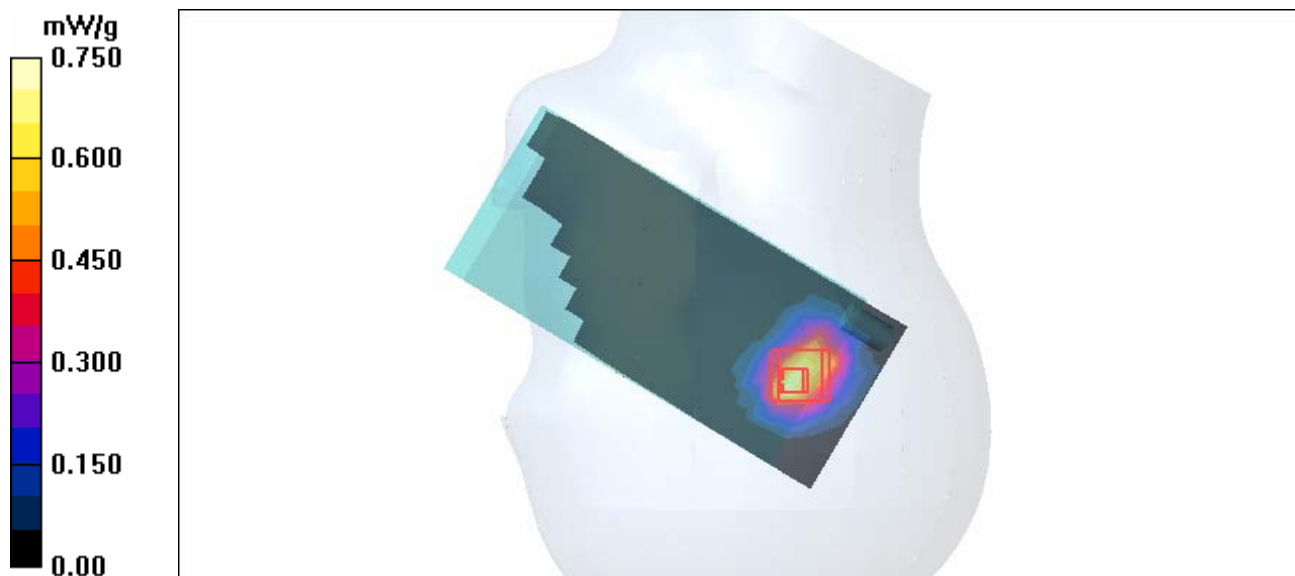
Tilt Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 7.53 V/m

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.750 mW/g



Date/Time: 2005/10/24 19:06:11

Test Laboratory: Advance Data Technology

Right Head-Tilt-11a-Ch165-Mode 17

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.45 \text{ mho/m}$; $\epsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19

- Sensor-Surface: 2.5mm (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 165/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.847 mW/g

Tilt Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 8.16 V/m

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.540 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.871 mW/g



Date/Time: 2005/10/24 19:52:59

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch36-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.69 \text{ mho/m}$; $\epsilon_r = 36.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 36/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.52 mW/g

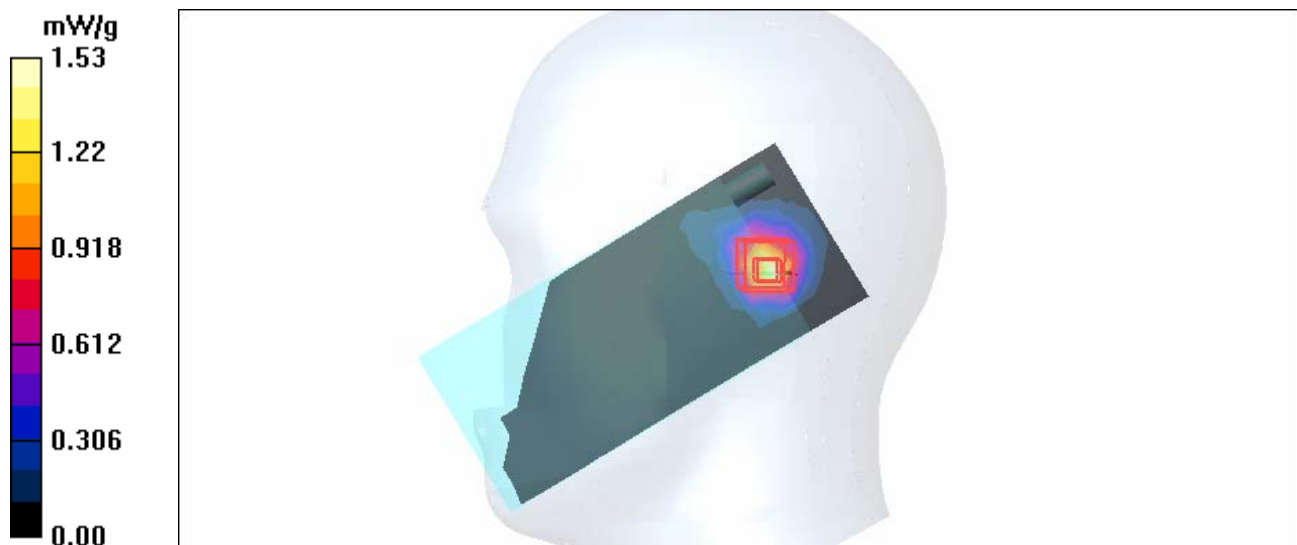
Touch Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 12.0 V/m

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.375 mW/g

Maximum value of SAR (measured) = 1.53 mW/g



Date/Time: 2005/10/24 20:29:09

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch48-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.76 \text{ mho/m}$; $\epsilon_r = 36.7$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.50 mW/g

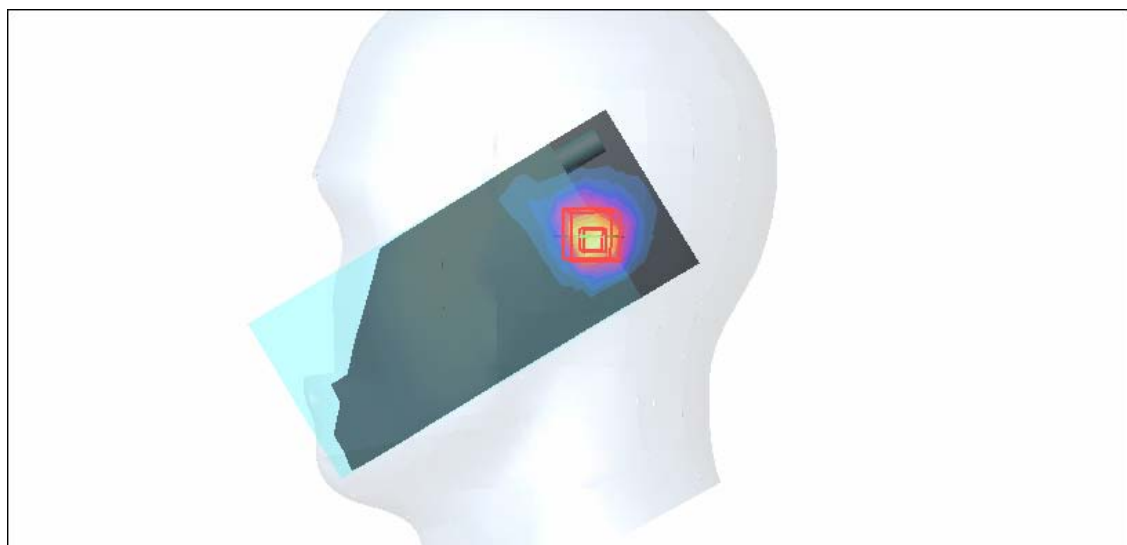
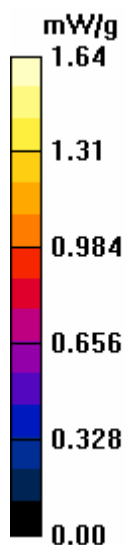
Touch Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 14.6 V/m

Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 1.64 mW/g



Date/Time: 2005/10/24 21:03:42

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch52-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5260$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 36.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.53 mW/g

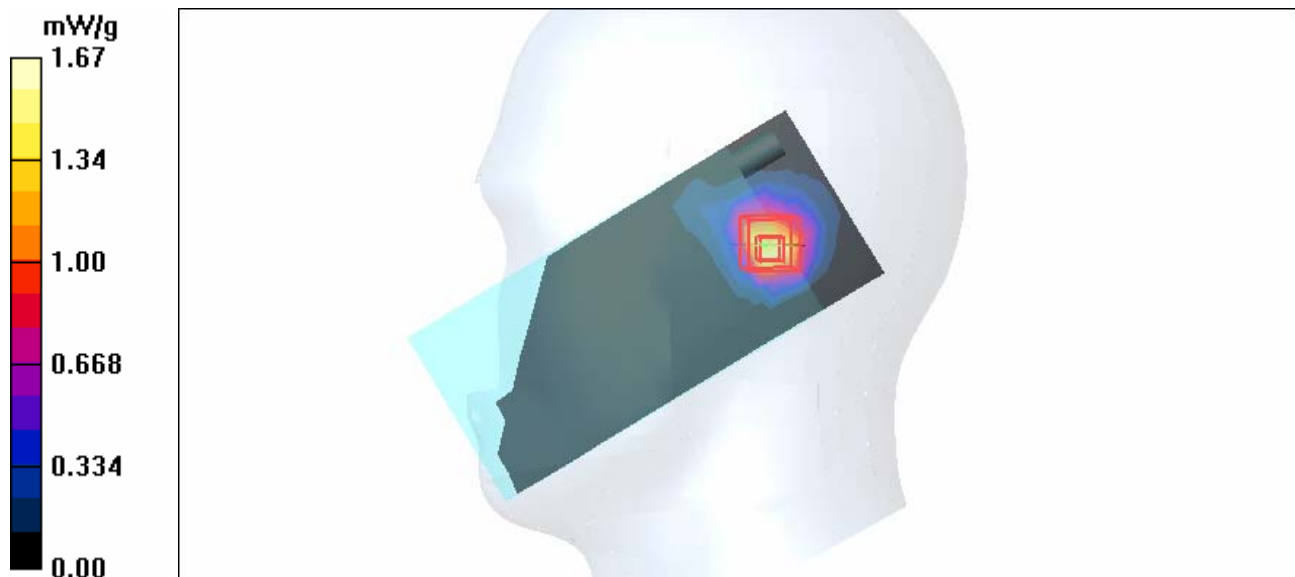
Touch Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.8 V/m

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.422 mW/g

Maximum value of SAR (measured) = 1.67 mW/g



Date/Time: 2005/10/24 22:37:36

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch64-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.86$ mho/m; $\epsilon_r = 36.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.54 mW/g

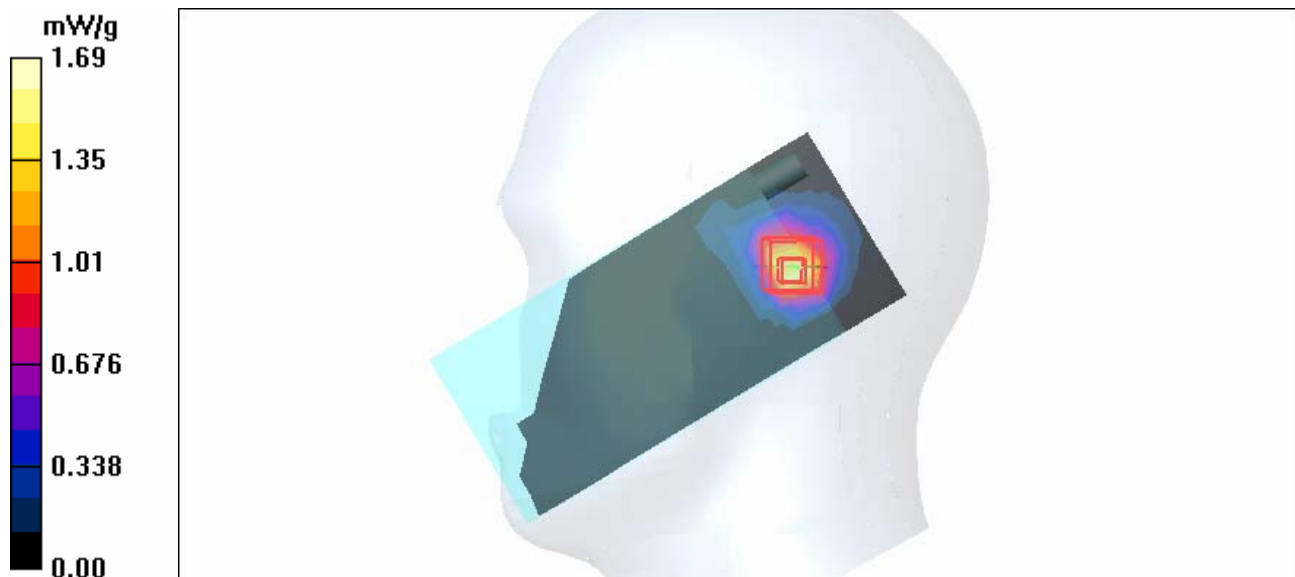
Touch Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 15.0 V/m

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.429 mW/g

Maximum value of SAR (measured) = 1.69 mW/g



Date/Time: 2005/10/24 23:13:38

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch149-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.37 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 149/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

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

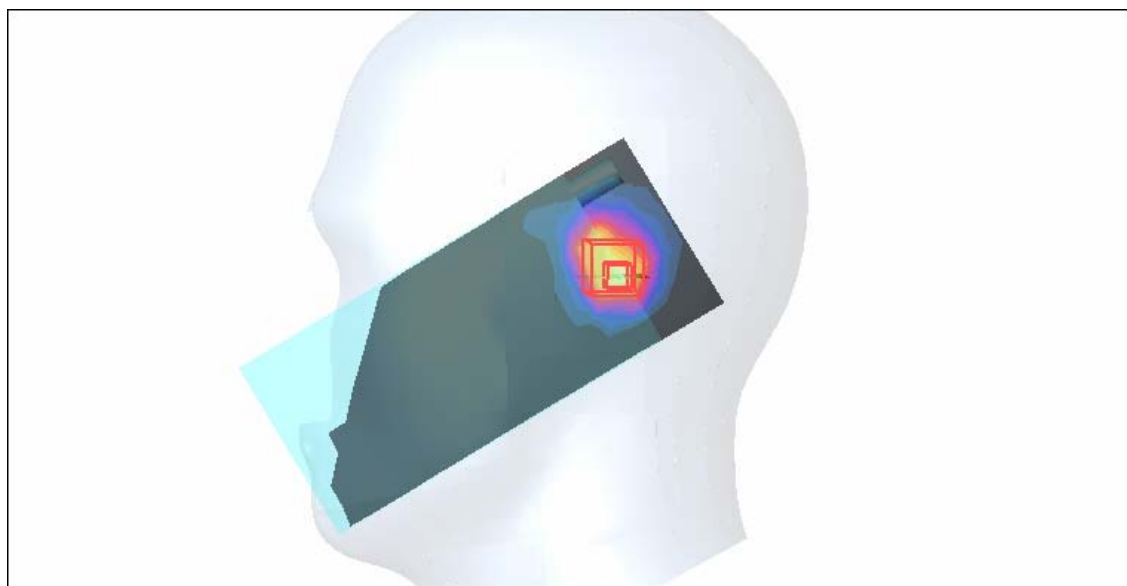
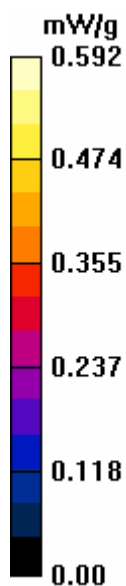
Touch Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 8.04 V/m

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.149 mW/g

Maximum value of SAR (measured) = 0.592 mW/g



Date/Time: 2005/10/24 23:48:31

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch157-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.41 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 157/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.765 mW/g

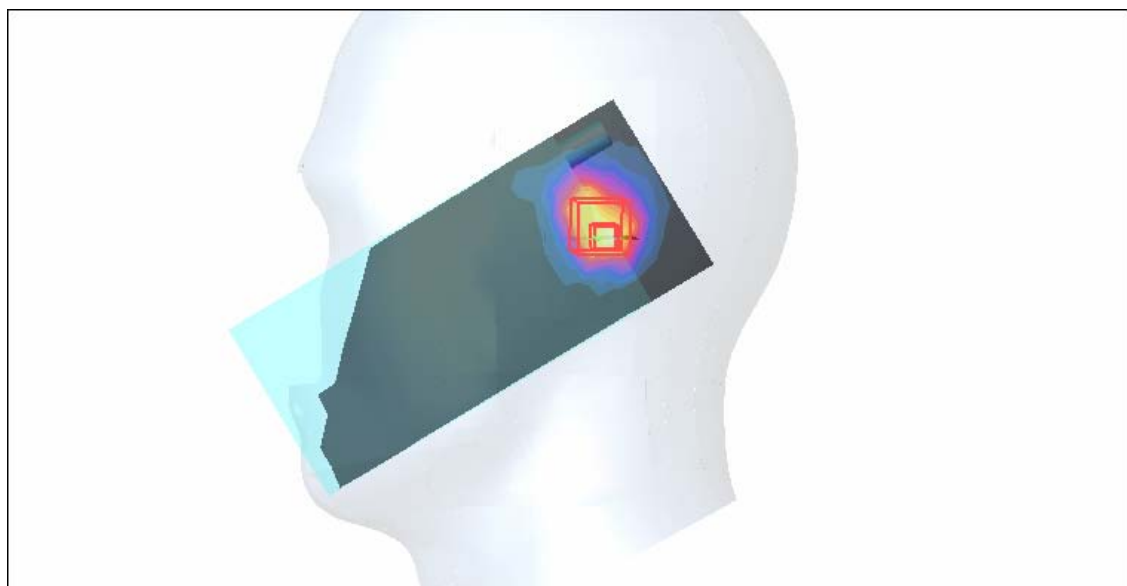
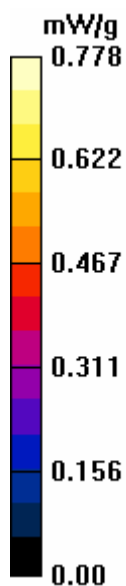
Touch Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 9.17 V/m

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.778 mW/g



Date/Time: 2005/10/25 00:22:05

Test Laboratory: Advance Data Technology

Left Head-Cheek-11a-Ch165-Mode 18

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.45 \text{ mho/m}$; $\epsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 165/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.820 mW/g

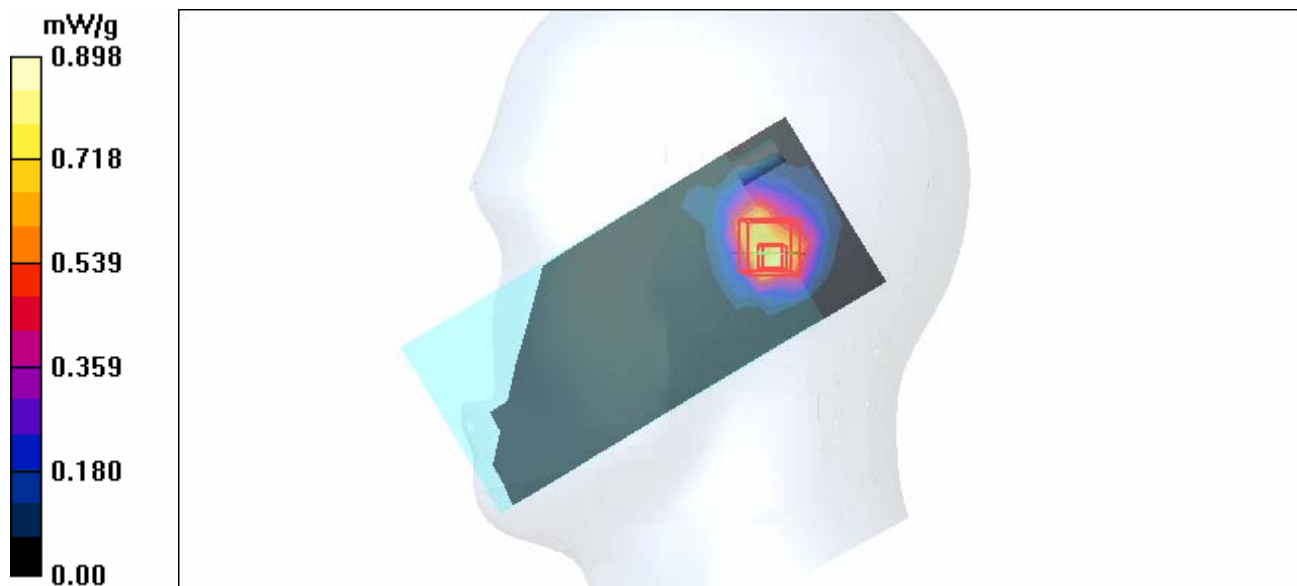
Touch Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.24 V/m

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.224 mW/g

Maximum value of SAR (measured) = 0.898 mW/g



Date/Time: 2005/10/25 00:56:56

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch36-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5180$ MHz; $\sigma = 4.69$ mho/m; $\epsilon_r = 36.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 36/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.44 mW/g

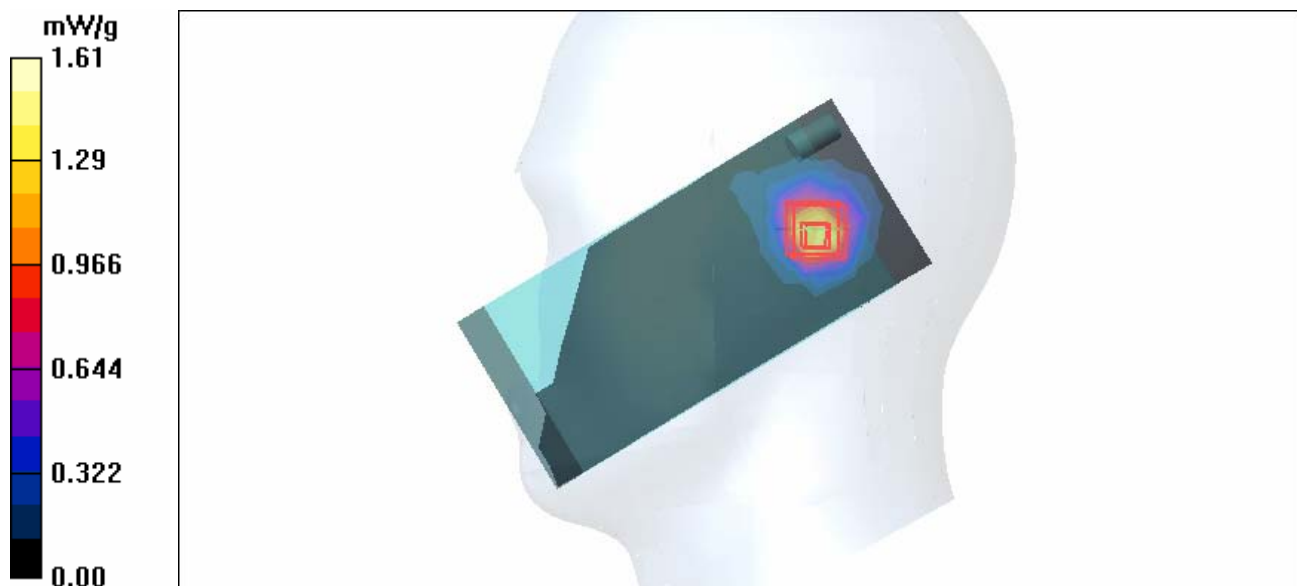
Tilt Position - Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 14.7 V/m

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 1.61 mW/g



Date/Time: 2005/10/25 01:29:51

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch48-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.76 \text{ mho/m}$; $\epsilon_r = 36.7$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.59 mW/g

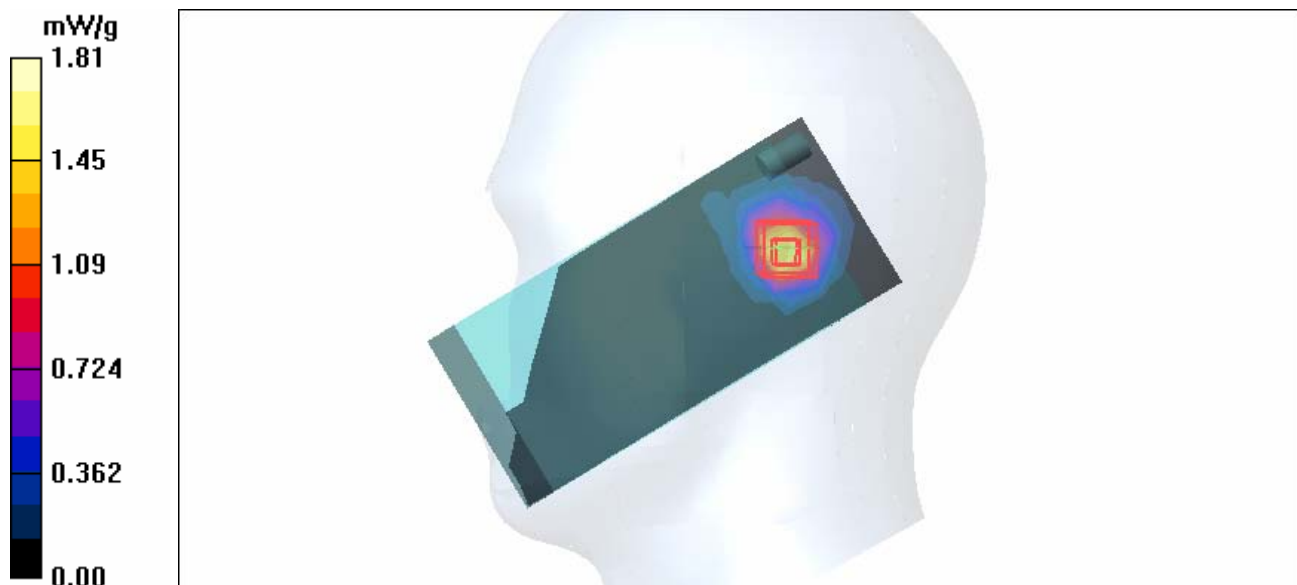
Tilt Position - Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 15.6 V/m

Peak SAR (extrapolated) = 3.29 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.444 mW/g

Maximum value of SAR (measured) = 1.81 mW/g



Date/Time: 2005/10/25 02:03:19

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch52-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.79 \text{ mho/m}$; $\epsilon_r = 36.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 52/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.57 mW/g

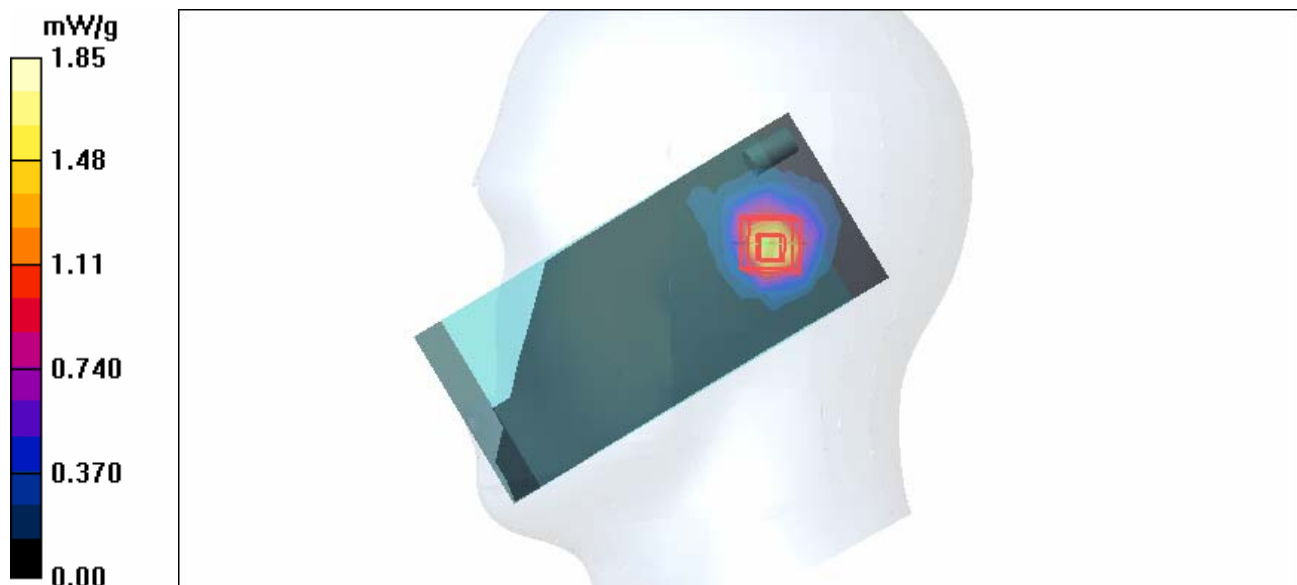
Tilt Position - Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 15.8 V/m

Peak SAR (extrapolated) = 3.38 W/kg

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 1.85 mW/g



Date/Time: 2005/10/25 02:35:23

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch64-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.86 \text{ mho/m}$; $\epsilon_r = 36.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 64/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.04 mW/g

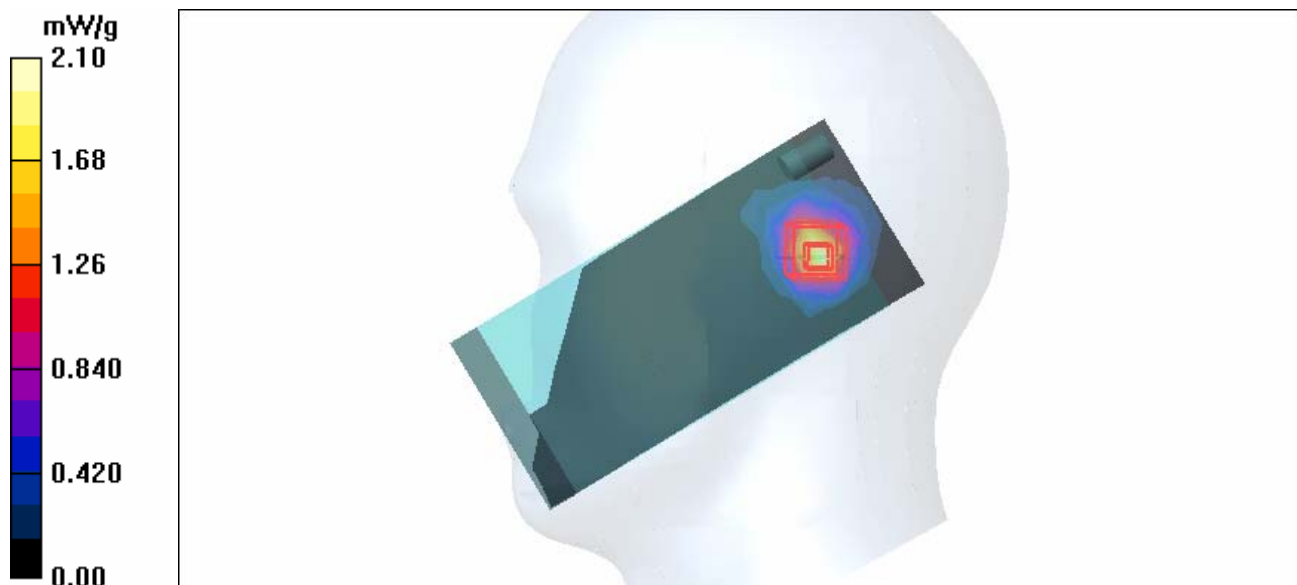
Tilt Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

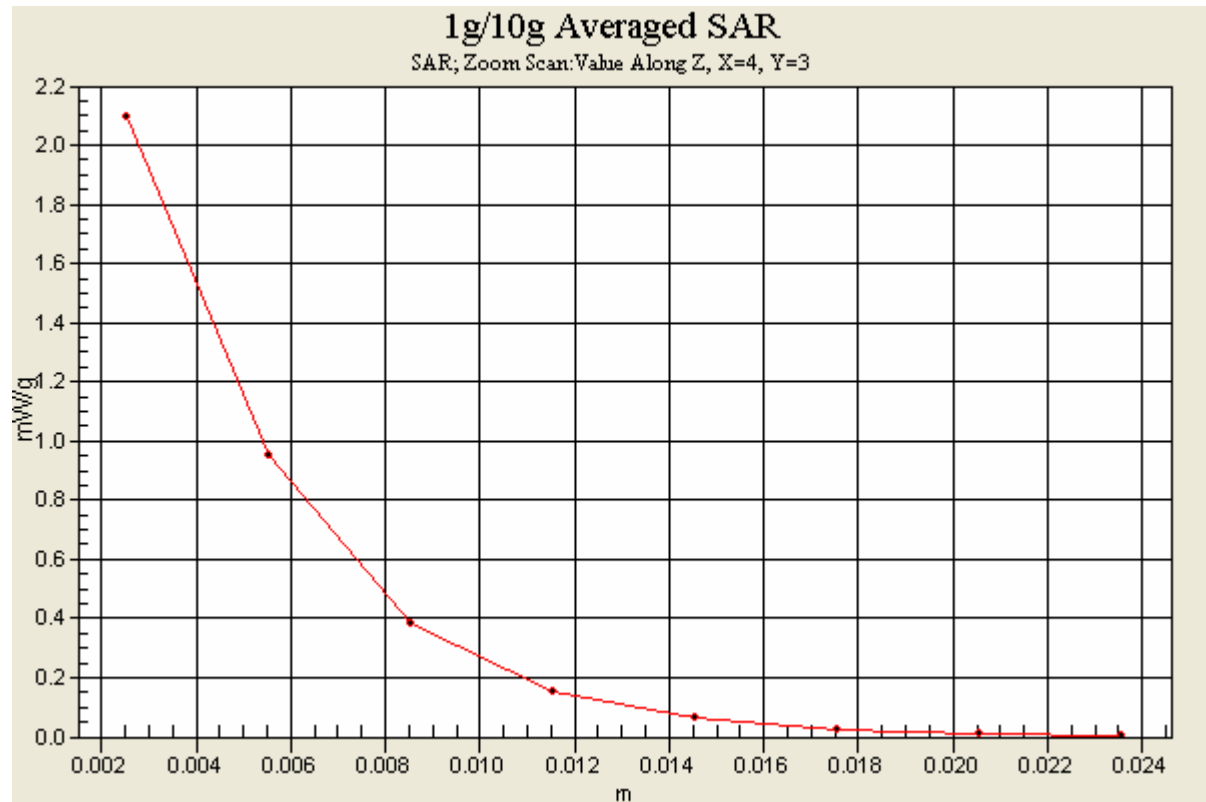
Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 3.80 W/kg

SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 2.10 mW/g





Date/Time: 2005/10/25 03:09:11

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch149-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.37 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 149/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.761 mW/g

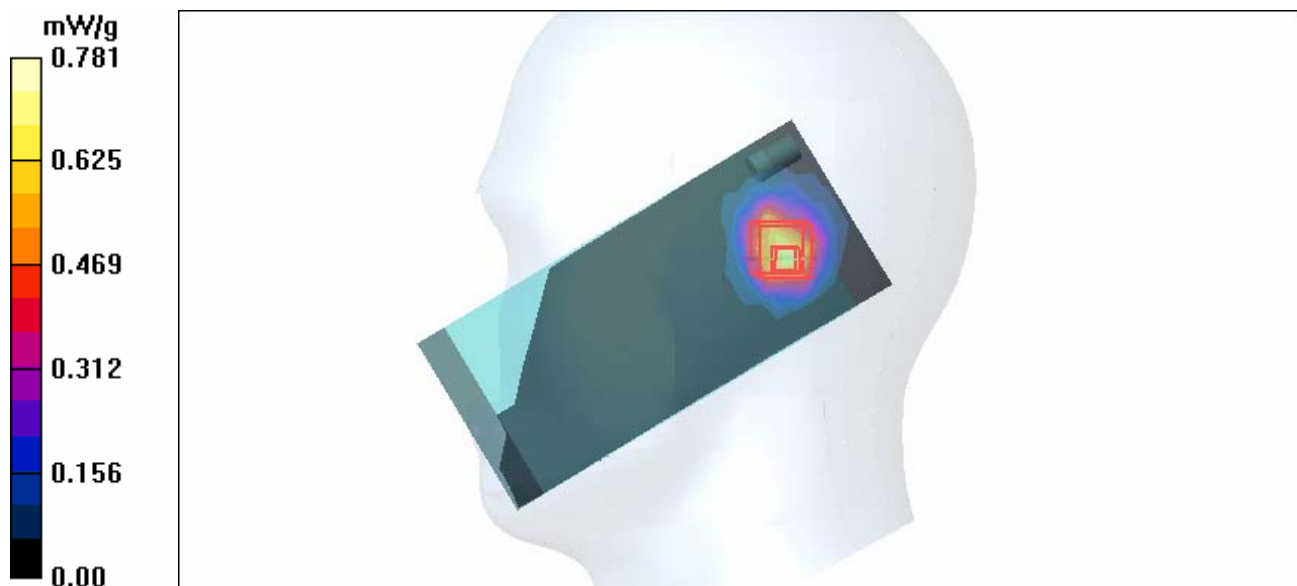
Tilt Position - Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 8.77 V/m

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.192 mW/g

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



Date/Time: 2005/10/25 03:54:36

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch157-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 5.41 \text{ mho/m}$; $\epsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 157/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.847 mW/g

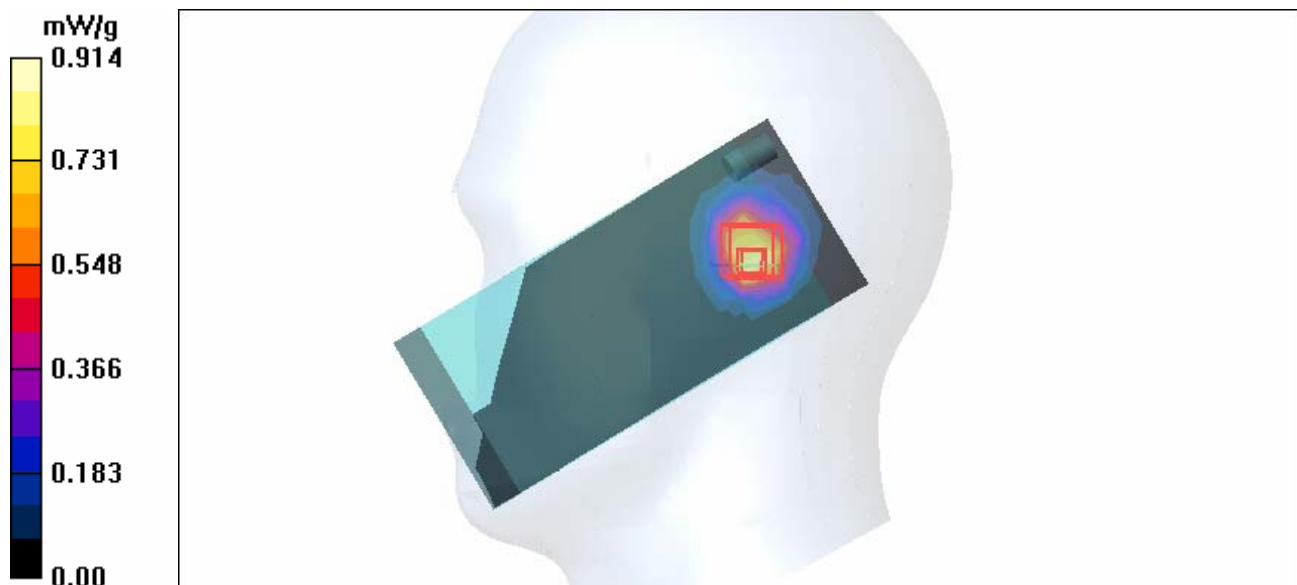
Tilt Position - Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.37 V/m

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.577 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 0.914 mW/g



Date/Time: 2005/10/25 04:29:39

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-Ch165-Mode 19

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: HSL5800 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.45 \text{ mho/m}$; $\epsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 165/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.02 mW/g

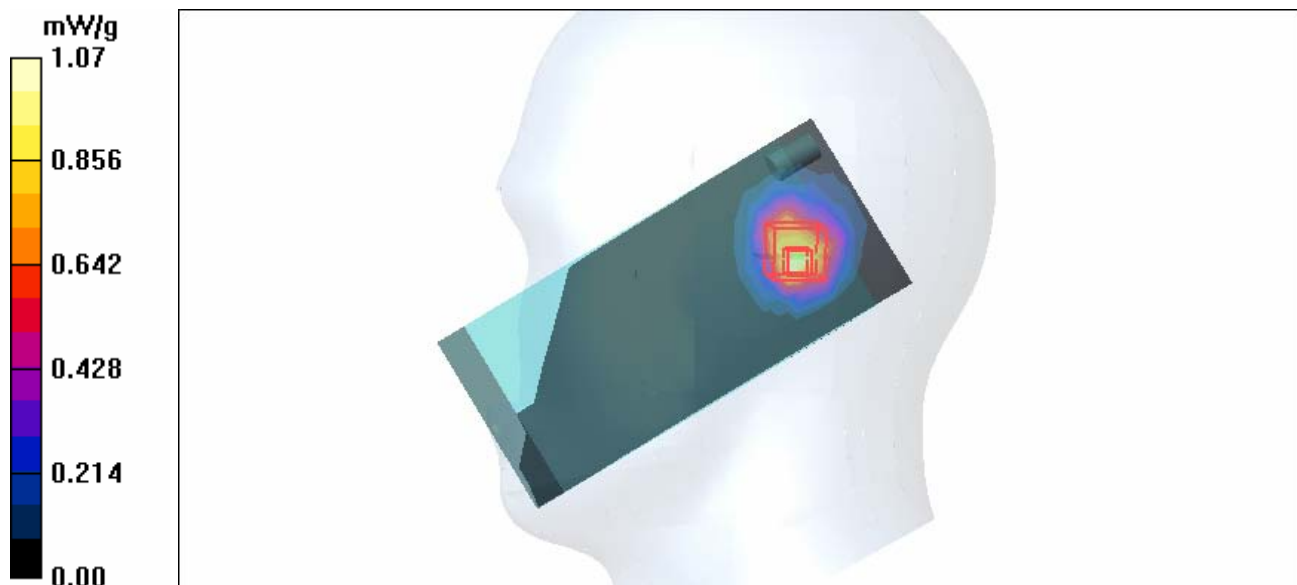
Tilt Position - High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 1.07 mW/g



Date/Time: 2005/10/25 11:12:27

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch36-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 5.22 \text{ mho/m}$; $\epsilon_r = 49$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 36/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.254 mW/g

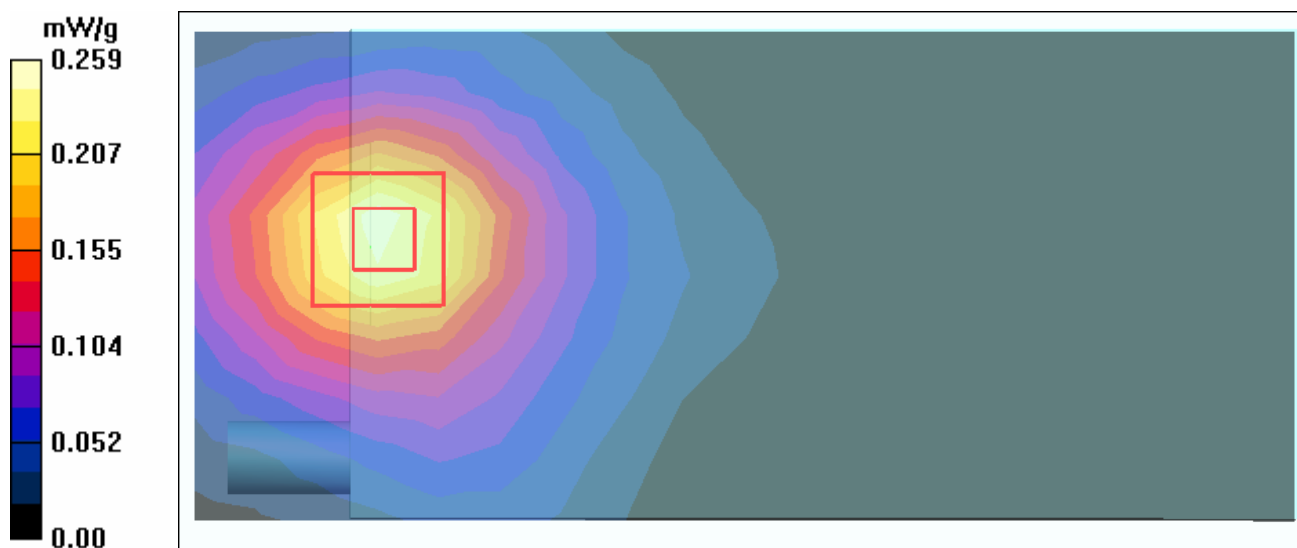
Low Channel 36/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 0.949 V/m

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.259 mW/g



Date/Time: 2005/10/25 11:45:32

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch48-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.315 mW/g

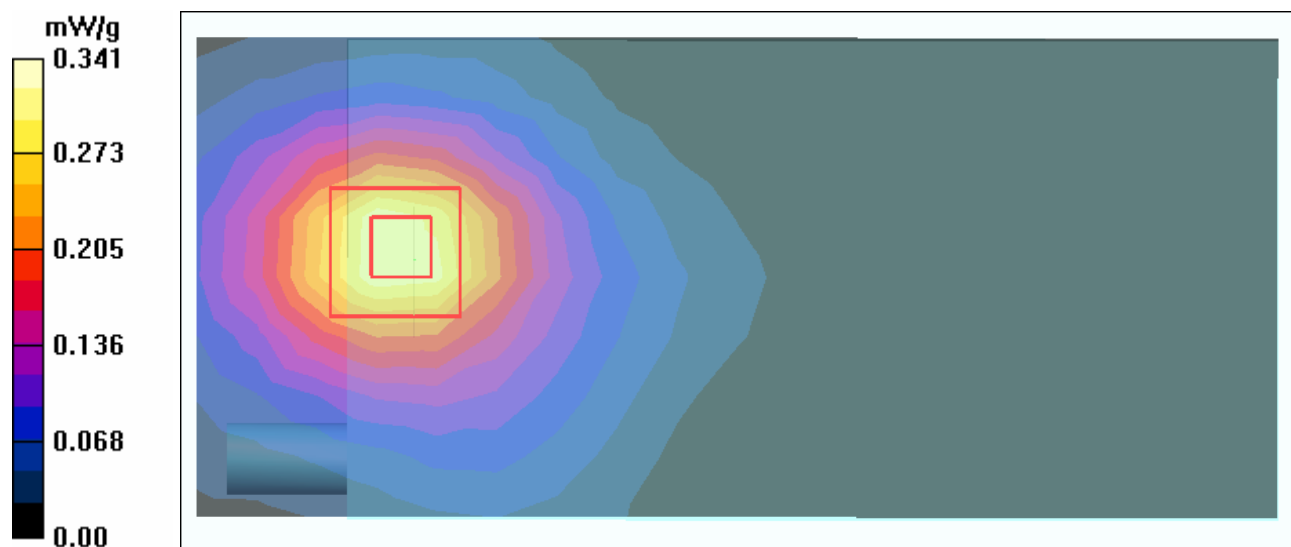
Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

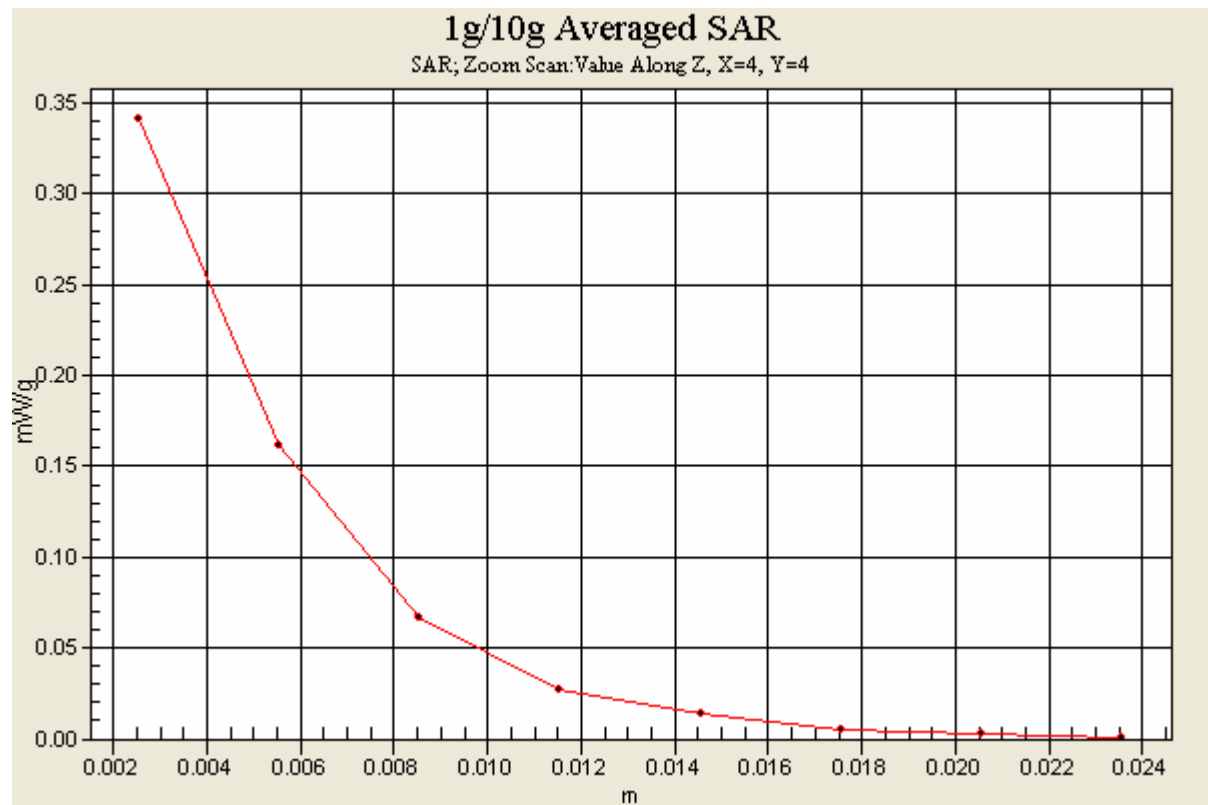
Reference Value = 1.81 V/m

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.341 mW/g





Date/Time: 2005/10/25 12:18:24

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch52-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 52/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

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

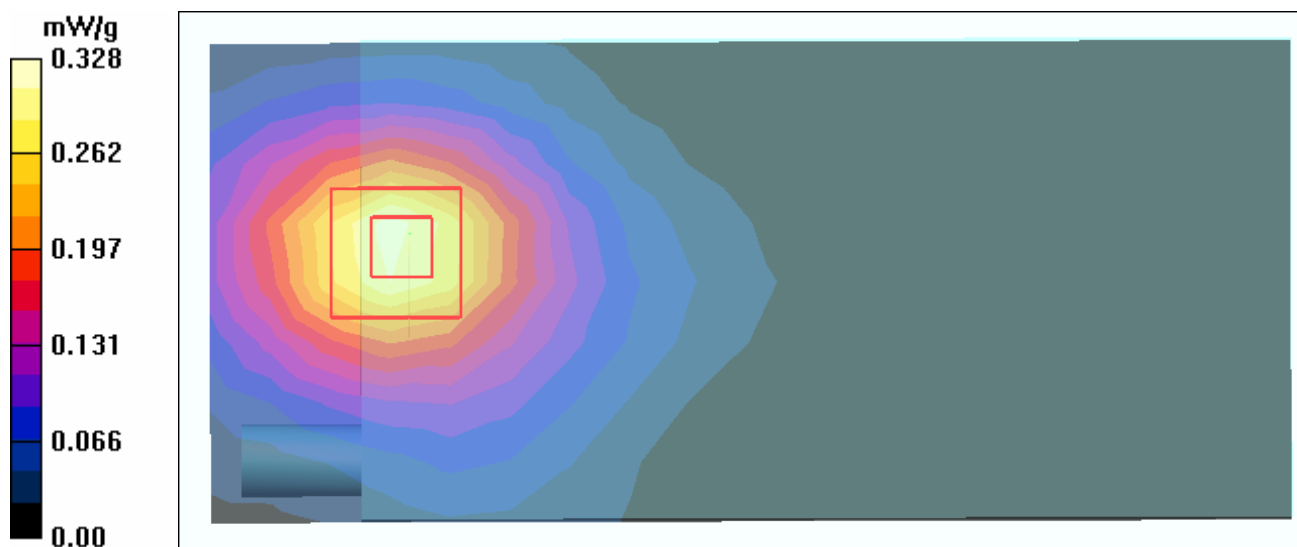
Mid Channel 52/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.60 V/m

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.210 mW/g; SAR(10 g) = 0.092 mW/g

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



Date/Time: 2005/10/25 12:52:28

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch64-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 64/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.263 mW/g

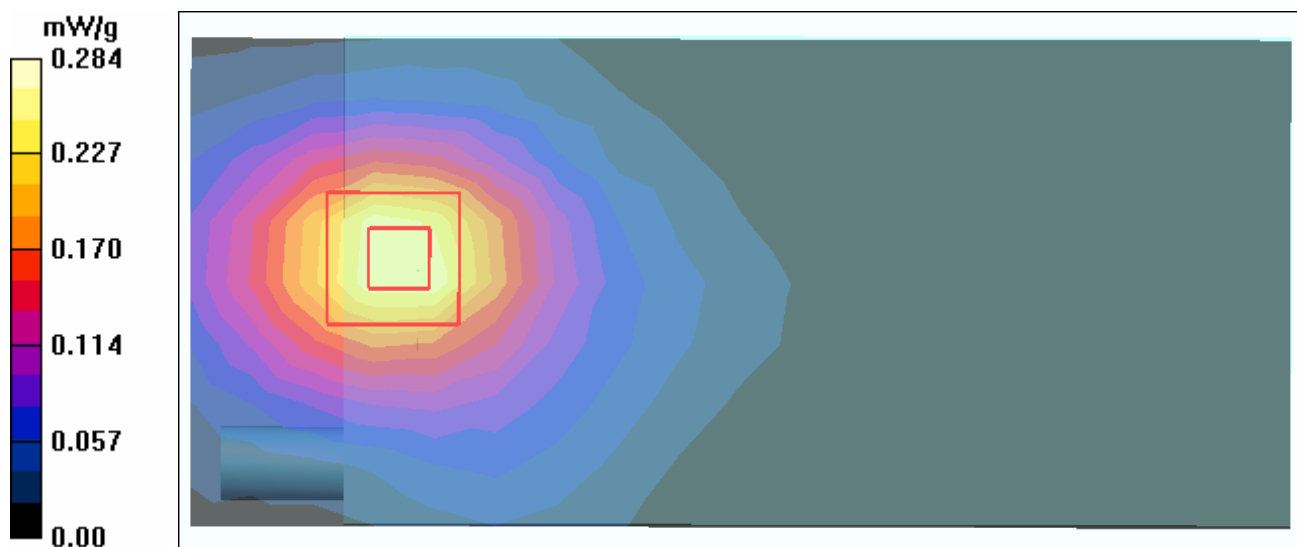
Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.72 V/m

Peak SAR (extrapolated) = 0.534 W/kg

SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



Date/Time: 2005/10/25 13:24:59

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch149-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.04 \text{ mho/m}$; $\epsilon_r = 47.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 149/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

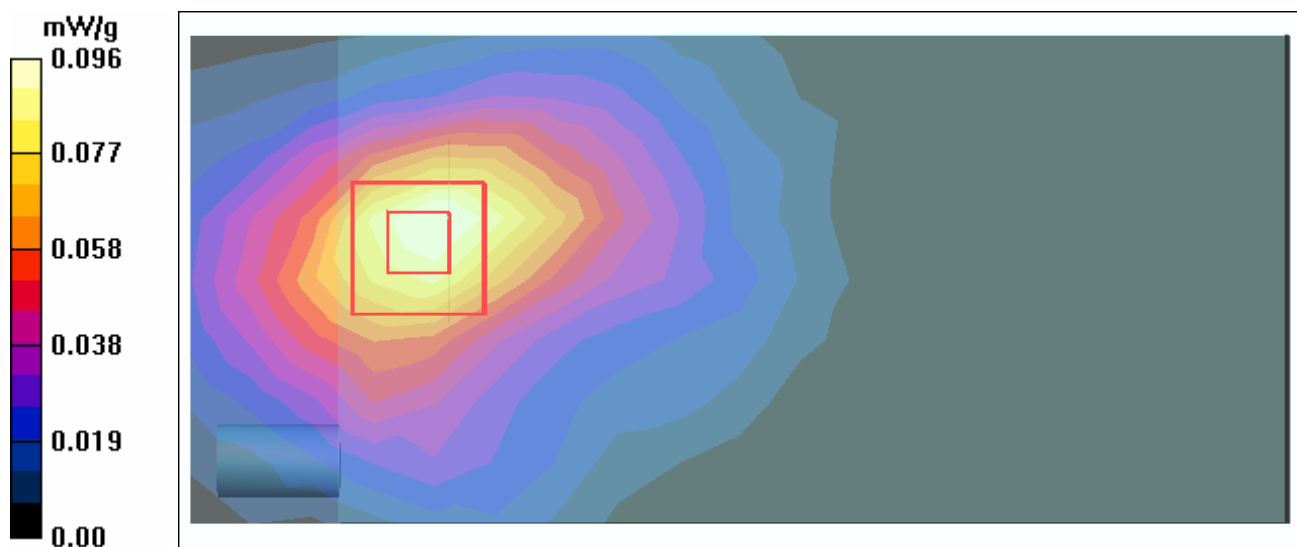
Mid Channel 149/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.03 V/m

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.096 mW/g



Date/Time: 2005/10/25 13:58:25

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch157-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.1 \text{ mho/m}$; $\epsilon_r = 47.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 157/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

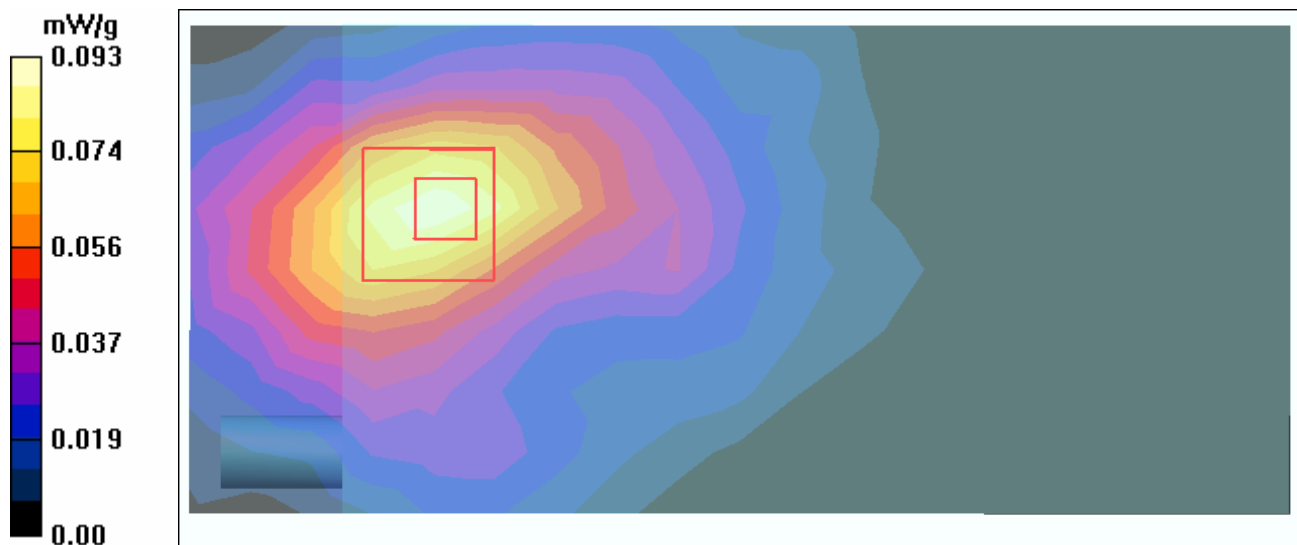
Mid Channel 157/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.28 V/m

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.093 mW/g



Date/Time: 2005/10/25 14:31:43

Test Laboratory: Advance Data Technology

Body Worn-11a-Ch165-Keypad Up-Mode 20

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1

Medium: MSL5800 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.16 \text{ mho/m}$; $\epsilon_r = 47.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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 165/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.176 mW/g

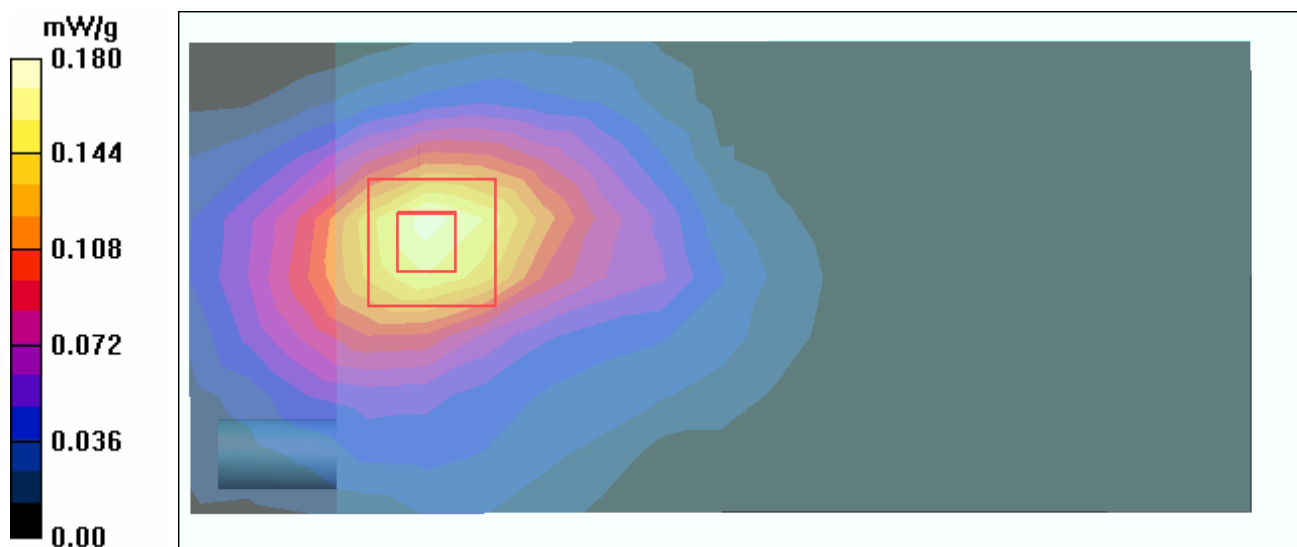
High Channel 165/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 1.64 V/m

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



Date/Time: 2005/10/18 10:51:45

Test Laboratory: Advance Data Technology

Co-located-Right Head-Cheek-11b Ch6+BT Ch0-Mode 21

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHzFrequency: 2402 MHz

Communication System: 802.11bCommunication System: Bluetooth ; Frequency: 2437 MHzFrequency: 2402 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.79$ mho/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³
Medium parameters used: $f = 2402$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³ ; Liquid level: 151mm

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

Antenna type : Chip Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

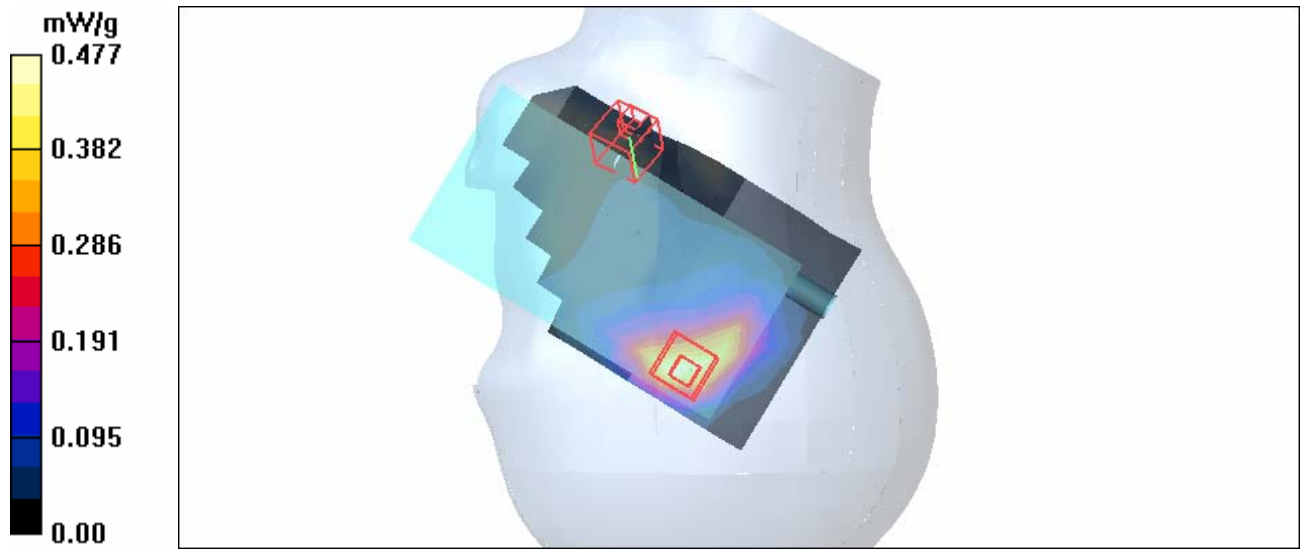
- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build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

Touch position - Mid Channel 6/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.477 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) = 0.905 W/kg
SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.230 mW/g

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

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.774 V/m
Peak SAR (extrapolated) = 0.018W/kg
SAR(1 g) = 0.000907 mW/g; SAR(10 g) = 8.95e-005 mW/g



Date/Time: 2005/10/24 02:35:23

Test Laboratory: Advance Data Technology

Co-located-Left Head-Tilt- BT Ch78+11a Ch64-Mode 22

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2480 MHzFrequency: 5320 MHz

Communication System: BluetoothCommunication System: 802.11a ; Frequency: 2480 MHzFrequency: 5320 MHz ; Duty Cycle: 1:1

Phantom: SAM 12 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 39$; $\rho = 1000 \text{ kg/m}^3$
Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 4.86 \text{ mho/m}$; $\epsilon_r = 36.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790Probe: EX3DV3 - SN3506; ConvF(4.74, 4.74, 4.74)ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/12/20Calibrated: 2004/3/19

- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 2.5mm (Mechanical Surface Detection)

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

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

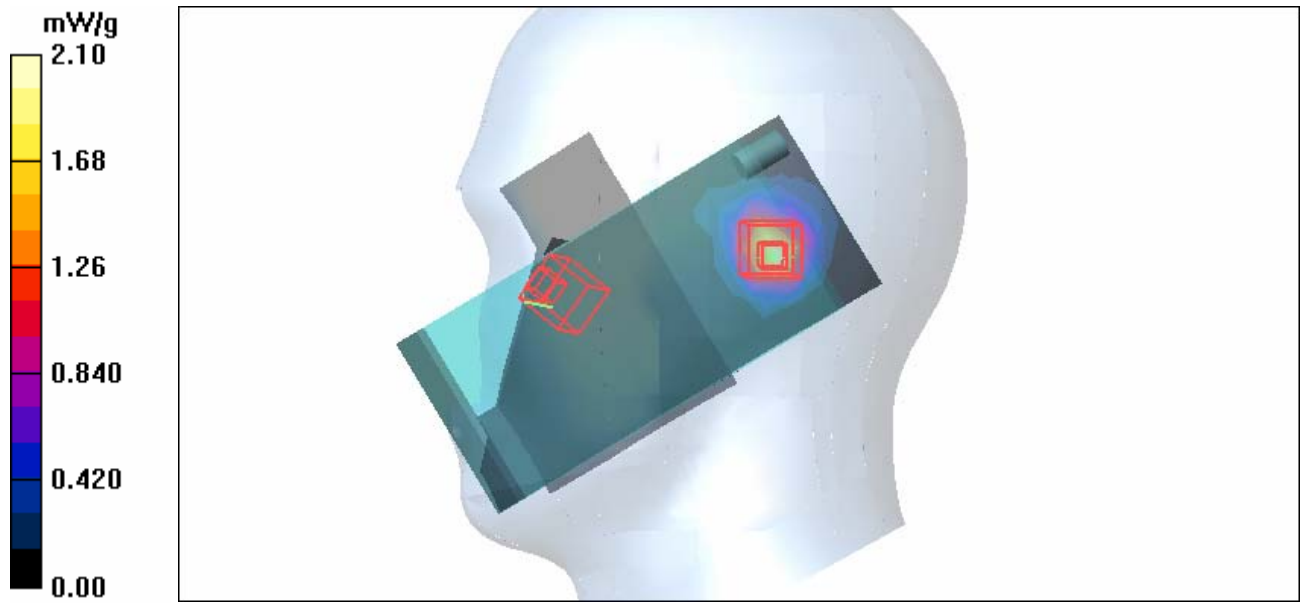
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Tilt position - High Channel 78/Area Scan (9x7x1): 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 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.547 V/m
Peak SAR (extrapolated) = 0.017 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000256 mW/g

Tilt Position - Mid Channel 64/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 2.04 mW/g

Tilt Position - Mid Channel 64/Zoom Scan (8x8x8)/Cube 0: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$
Reference Value = 14.0 V/m
Peak SAR (extrapolated) = 3.80 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 2.10 mW/g



Date/Time: 2005/10/19 14:56:22

Test Laboratory: Advance Data Technology

Co-located-Body Worn-11b Ch6+BT Ch78-Mode 23

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 2437 MHzFrequency: 2480 MHz

Communication System: 802.11bCommunication System: Bluetooth ; Frequency: 2437 MHzFrequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 50.9$; $\rho = 1000 \text{ kg/m}^3$
Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 2.03 \text{ mho/m}$; $\epsilon_r = 50.8$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150mm

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

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

Antenna Type : Chip Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 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: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.089 mW/g

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 = 2.58 V/m

Peak SAR (extrapolated) = 0.217 W/kg

SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.150 mW/g

High Channel 78/Area Scan (9x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.00 mW/g

High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.563 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 0.000179 mW/g; SAR(10 g) = 3.94e-005 mW/g

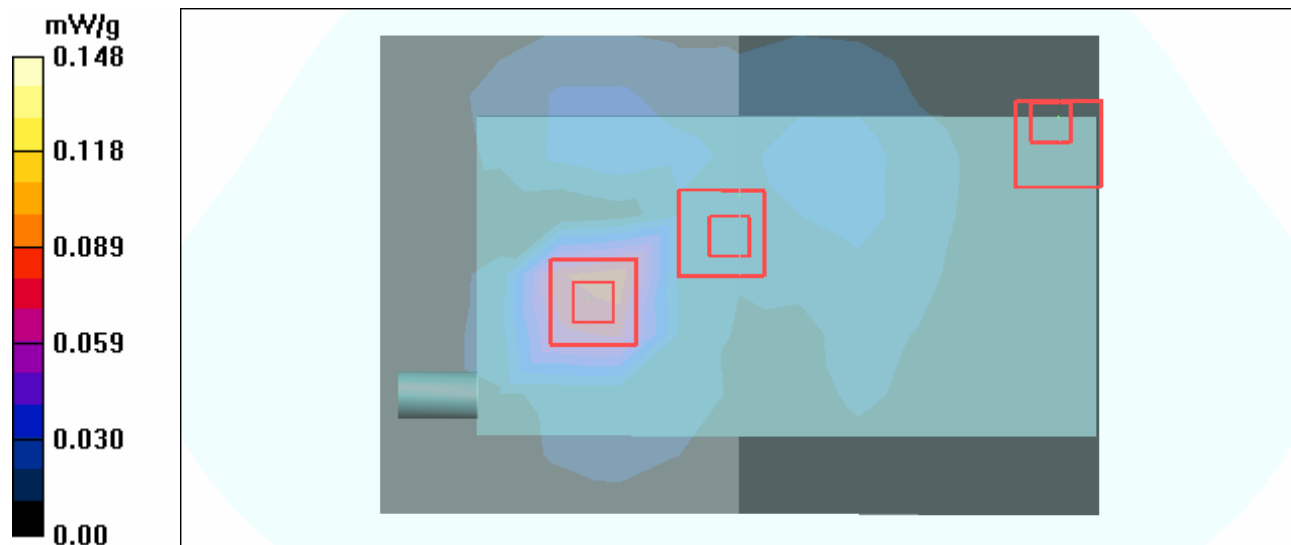
Maximum value of SAR (measured) = 0.01 mW/g

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 = 0.563 V/m

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = **0.000234** mW/g; SAR(10 g) = 0.0001 mW/g
Maximum value of SAR (measured) = 0.010 mW/g



Date/Time: 2005/10/25 11:45:32

Test Laboratory: Advance Data Technology

Co-located-Body Worn-BT Ch 78+11a Ch48-Mode 24

DUT: EDA-Enterprise Digital Assistant ; Type: MC7090 ; Test Frequency: 5240 MHzFrequency: 2480 MHz

Communication System: 802.11aCommunication System: Bluetooth ; Frequency: 5240 MHzFrequency: 2480 MHz ; Duty Cycle: 1:1

Medium: MSL5800Medium: MSL2450 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.31$ mho/m; $\epsilon_r = 48.8$; $\rho = 1000$ kg/m³ Medium parameters used: $f = 2480$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³ ; Liquid Level : 150mm

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. : 22.5 degrees ; Liquid Temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506Probe: ET3DV6 - SN1790 ; ConvF(4.57, 4.57, 4.57)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/3/19Calibrated: 2004/12/20

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)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 78/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00 mW/g

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

Reference Value = 0.563 V/m

Peak SAR (extrapolated) = 0.01 W/kg

SAR(1 g) = 0.000179 mW/g; SAR(10 g) = 3.94e-005 mW/g

Maximum value of SAR (measured) = 0.01 mW/g

High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.563 V/m

Peak SAR (extrapolated) = 0.025 W/kg

SAR(1 g) = 0.000234 mW/g; SAR(10 g) = 0.0001 mW/g

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

Mid Channel 48/Area Scan (9x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.315 mW/g

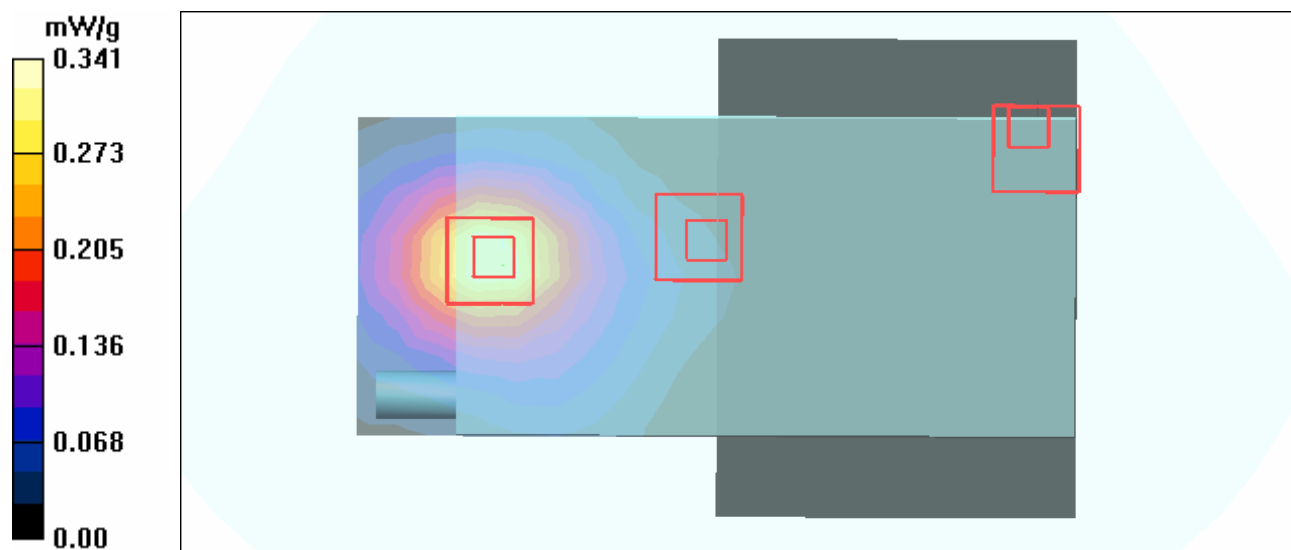
Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.81 V/m

Peak SAR (extrapolated) = 0.600 W/kg

SAR(1 g) = **0.220 mW/g**; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.341 mW/g



Date/Time: 2005/10/17 10:42:25

Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL2450; Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.8 \text{ mho/m}$; $\epsilon_r = 38.3$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feet point of the dipole to the Phantom)
 Air temp. : 22.6 degrees ; Liquid temp. : 21.7 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

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 14.2 mW/g

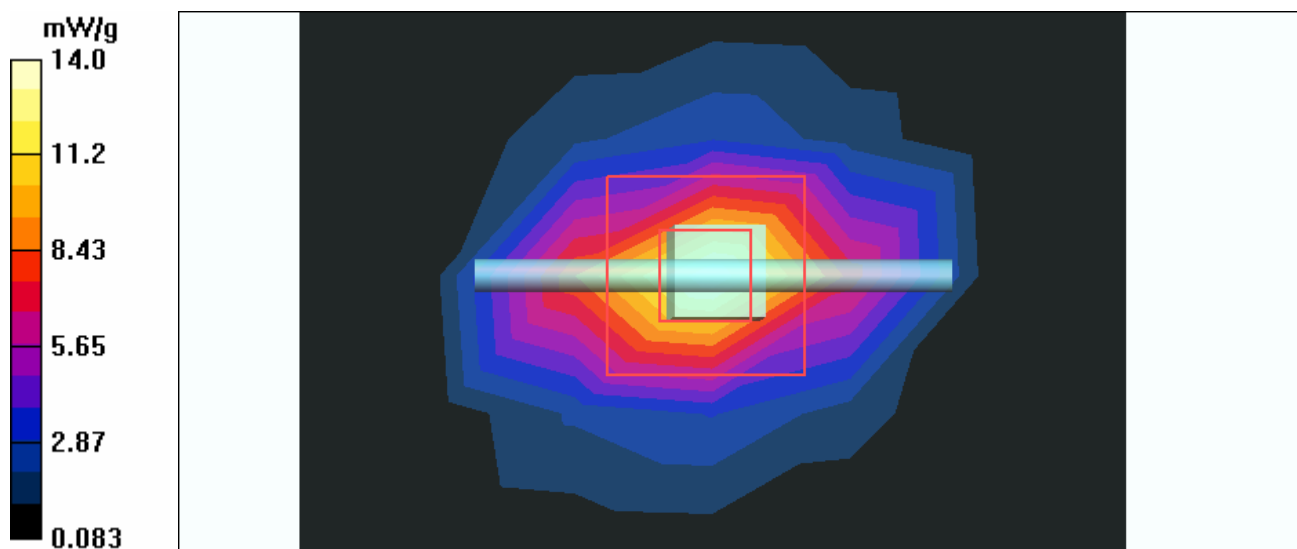
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.2 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 26.1 W/kg

SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.93 mW/g

Maximum value of SAR (measured) = 14.0 mW/g



Date/Time: 2005/10/18 09:55:12

Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL2450; Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.78 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 151 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feet point of the dipole to the Phantom)
 Air temp. : 22.3 degrees ; Liquid temp. : 21.2 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

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 14.1 mW/g

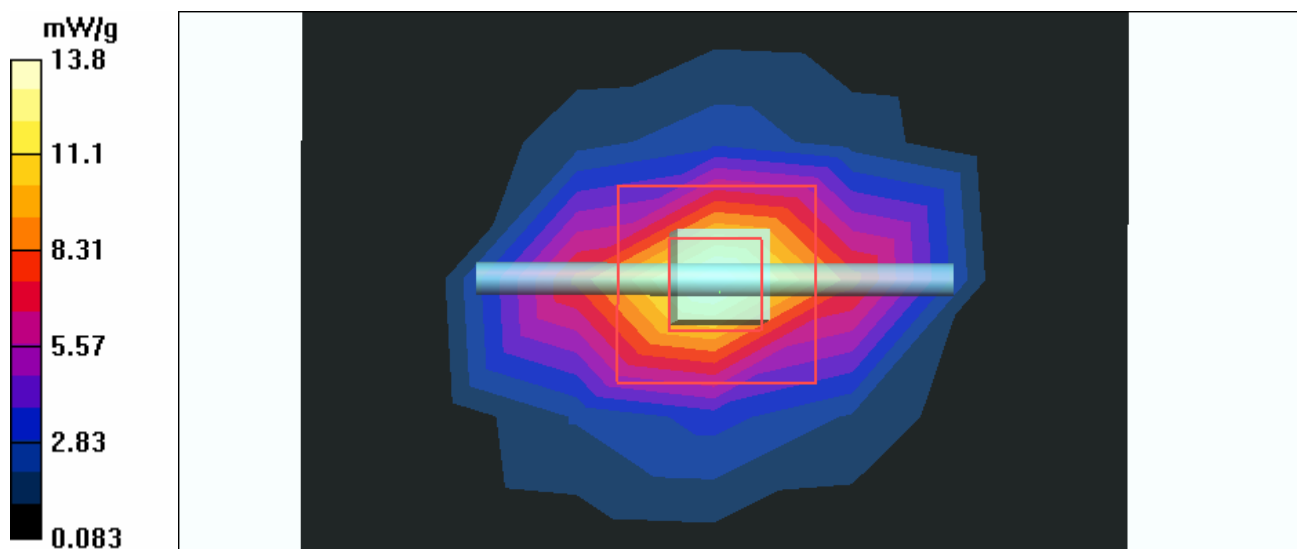
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.8 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.88 mW/g

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



Date/Time: 2005/10/19 10:26:14

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; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³ ; Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.4 degrees ; Liquid temp. : 21.3 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

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 14.2 mW/g

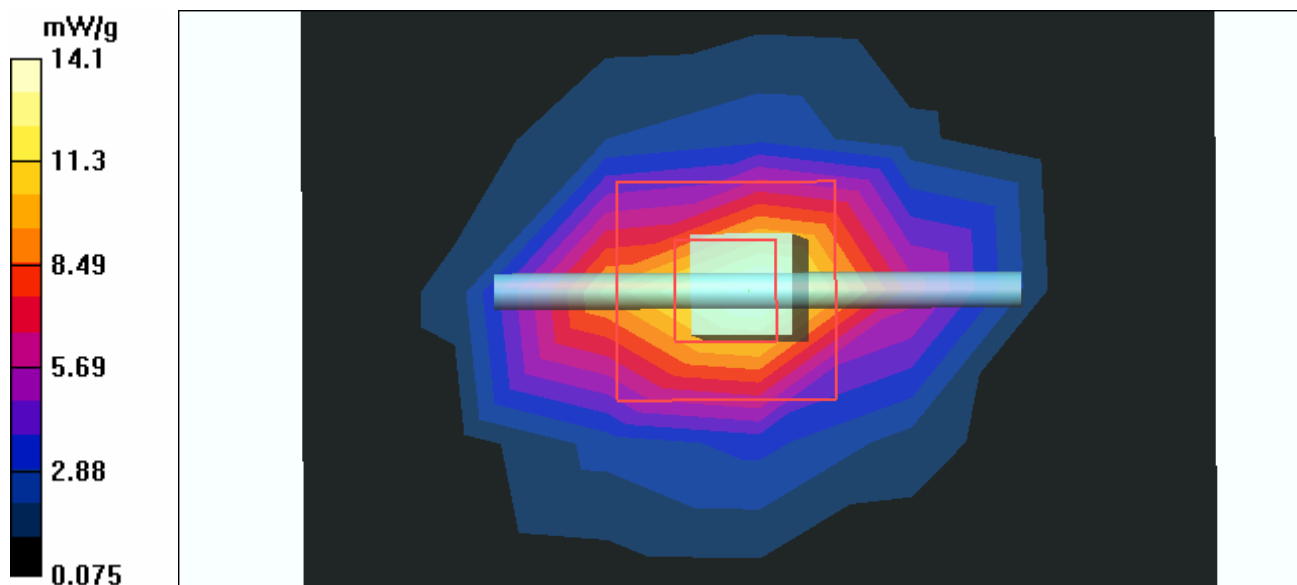
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.7 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 27.5 W/kg

SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.83 mW/g

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



Date/Time: 2005/10/24 09:42:26

Test Laboratory: Advance Data Technology

System Validation Check-HSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: HSL5800; Medium parameters used: $f = 5200$ MHz; $\sigma = 4.72$ mho/m; $\epsilon_r = 36.7$; $\rho = 1000$ kg/m³ ;
Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 10 mm (The feet point of the dipole to the Phantom) Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(5.21, 5.21, 5.21) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: DAE not calibrated
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

f=5200 MHz, d=10mm , Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 35.6 mW/g

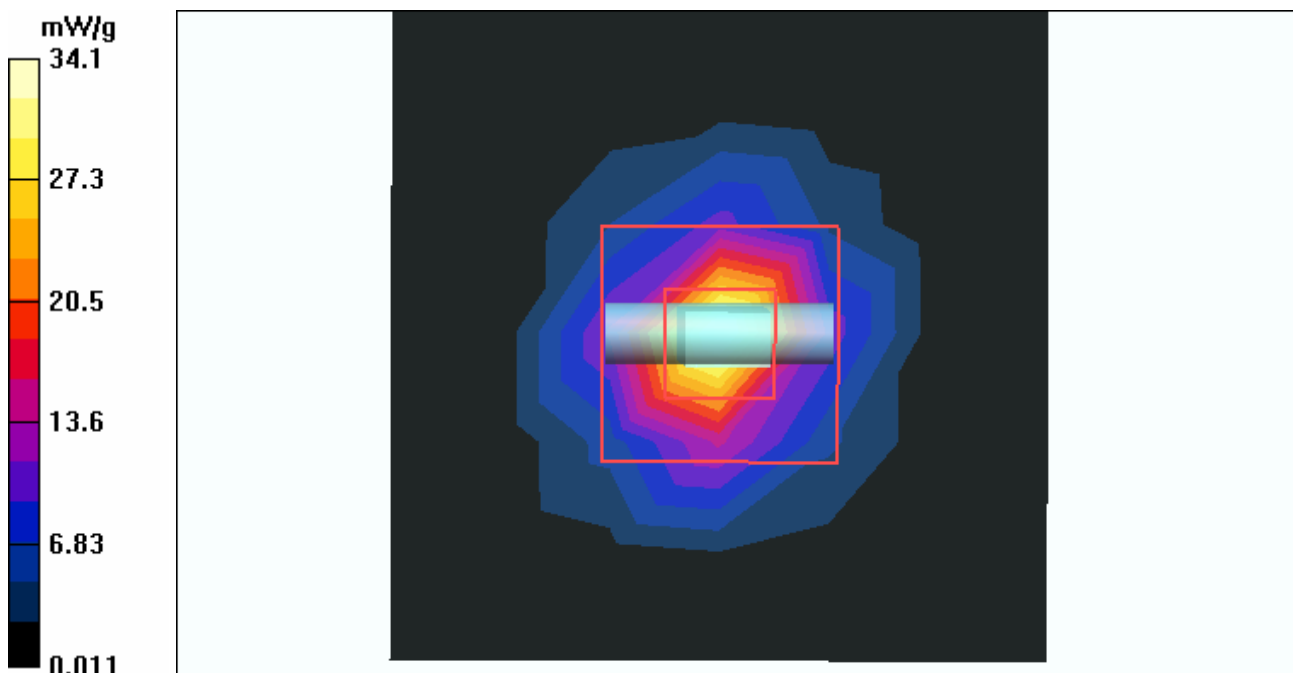
f=5200 MHz, d=10mm , Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 92.9 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 71.9 W/kg

SAR(1 g) = 19.7 mW/g; SAR(10 g) = 5.65 mW/g

Maximum value of SAR (measured) = 34.1 mW/g



Date/Time: 2005/10/24 10:08:42

Test Laboratory: Advance Data Technology

System Validation Check-HSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5800 MHz

Communication System: CW ; Frequency: 5800 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: HSL5800; Medium parameters used: $f = 5800$ MHz; $\sigma = 5.43$ mho/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³ ;
Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 10 mm (The feet point of the dipole to the Phantom) Air temp. : 22.7 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.62, 4.62, 4.62) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: DAE not calibrated
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

f=5800MHz, d=10mm , Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 37.6 mW/g

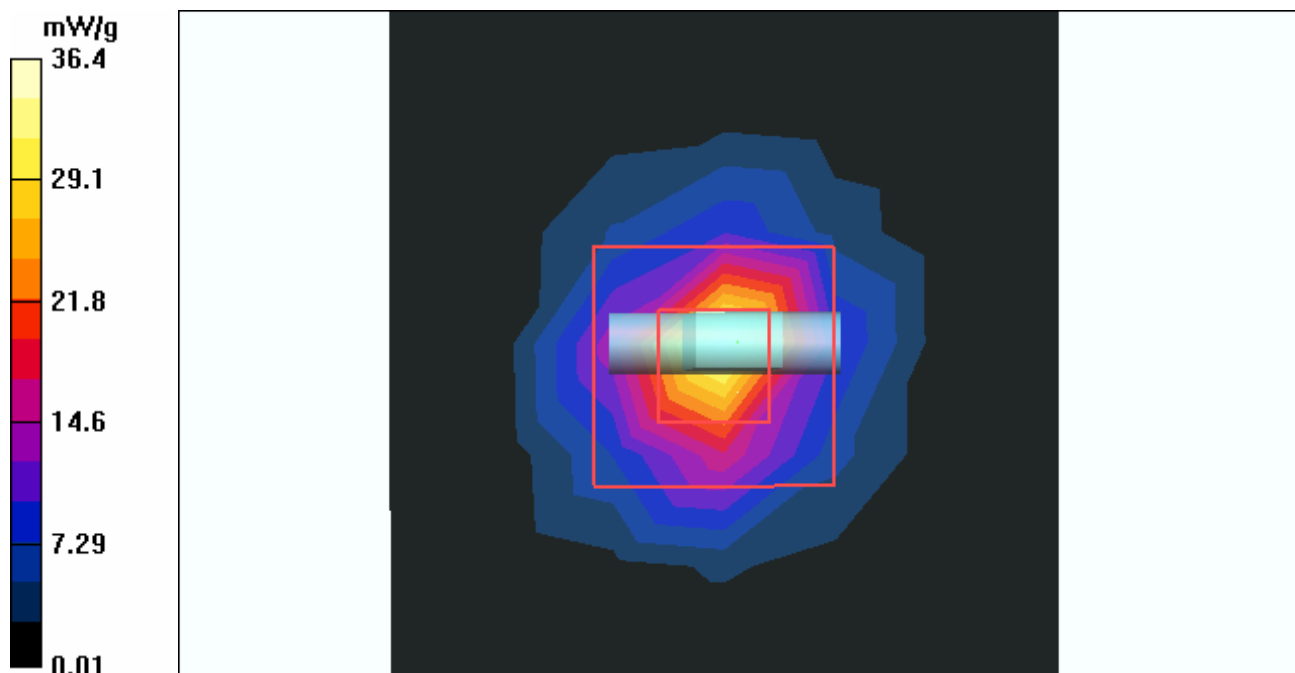
f=5800MHz, d=10mm , Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 87.9 V/m; Power Drift = -0.039 dB

Peak SAR (extrapolated) = 85.9 W/kg

SAR(1 g) = 20.5 mW/g; SAR(10 g) = 5.83 mW/g

Maximum value of SAR (measured) = 36.4 mW/g



Date/Time: 2005/10/25 10:07:14

Test Laboratory: Advance Data Technology

System Validation Check-MSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL5800; Medium parameters used: $f = 5200$ MHz; $\sigma = 5.25$ mho/m; $\epsilon_r = 48.9$; $\rho = 1000$ kg/m³ ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.5 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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

f=5200, d=10mm, Pin=250mW/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 29.9 mW/g

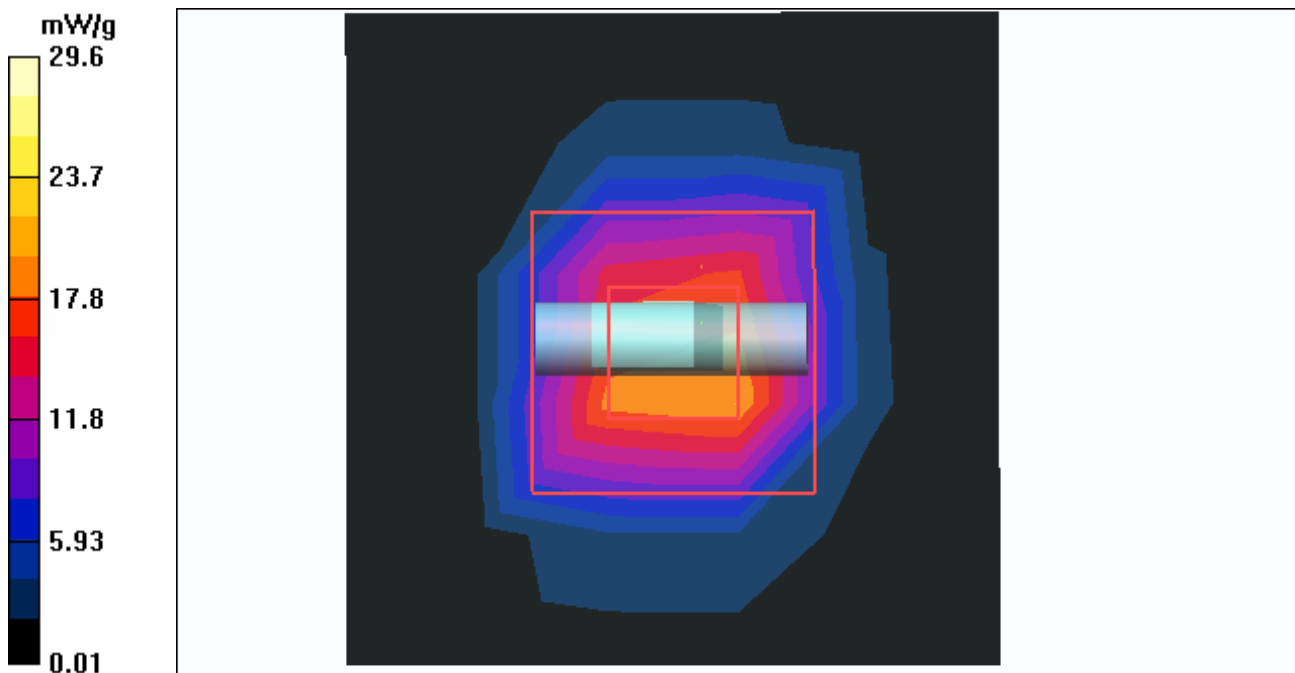
f=5200, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 86.3 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 61.7 W/kg

SAR(1 g) = 17.5 mW/g; SAR(10 g) = 4.87 mW/g

Maximum value of SAR (measured) = 29.6 mW/g



Date/Time: 2005/10/25 10:32:18

Test Laboratory: Advance Data Technology

System Validation Check-MSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1019 ; Test Frequency: 5800 MHz

Communication System: CW ; Frequency: 5800 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL5800; Medium parameters used: $f = 5800$ MHz; $\sigma = 6.12$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³ ; Liquid level : 150 mm

Phantom section: Flat Section ; Separation distance : 10 mm (The feet point of the dipole to the Phantom) Air temp. : 22.5 degrees ; Liquid temp. : 21.5 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (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

f=5800, d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 29.5 mW/g

f=5800, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 76.1 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 66.9 W/kg

SAR(1 g) = 16.8 mW/g; SAR(10 g) = 4.65 mW/g

Maximum value of SAR (measured) = 29.4 mW/g

