

APPENDIX A: TEST DATA

Liquid Level Photo

HSL 835MHz D=152mm



MSL 835MHz D=153mm



HSL 1900MHz D=155mm



MSL 1900MHz D=152mm



HSL 2450MHz D=154mm



MSL 2450MHz D=151mm



Test Laboratory: Advance Data Technology

Right Head-Cheek-CDMA850-Ch1013-Mode 1

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³ ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

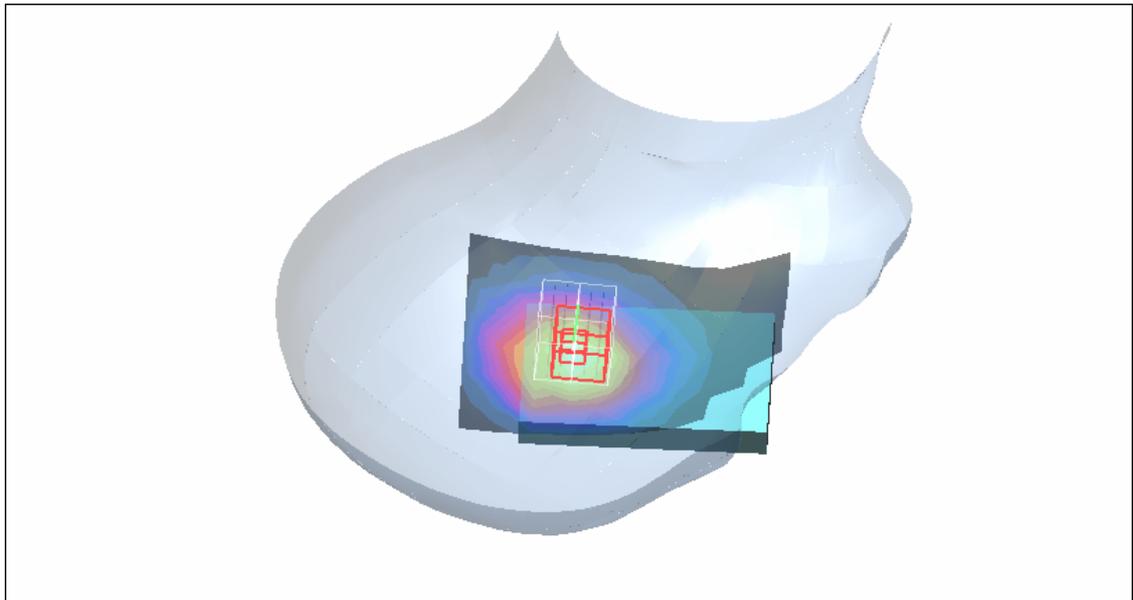
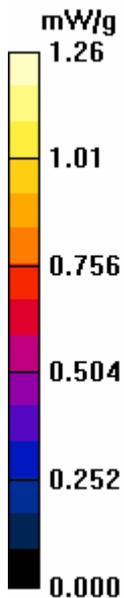
dx=5mm, dy=5mm, dz=5mm

Reference Value = 32.6 V/m

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.611 mW/g

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



Test Laboratory: Advance Data Technology

Right Head-Cheek-CDMA850-Ch384-Mode 1

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.951 mW/g

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

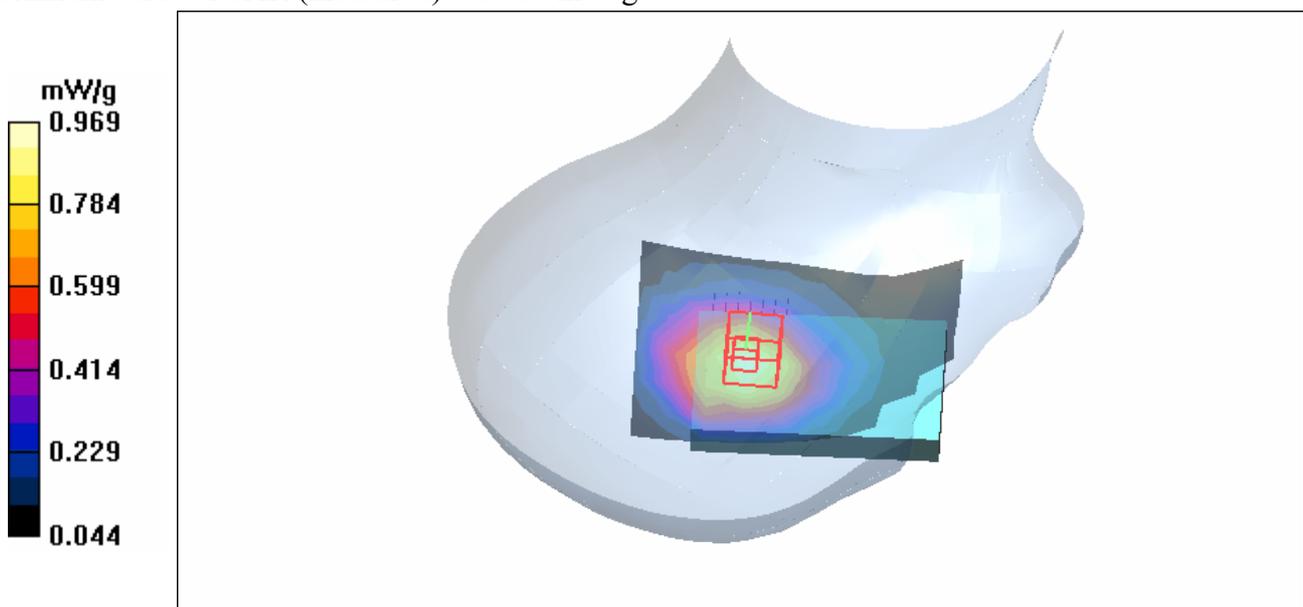
dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.9 V/m

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.572 mW/g

Maximum value of SAR (measured) = 0.969 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-CDMA850-Ch777-Mode 1

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.795 mW/g

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

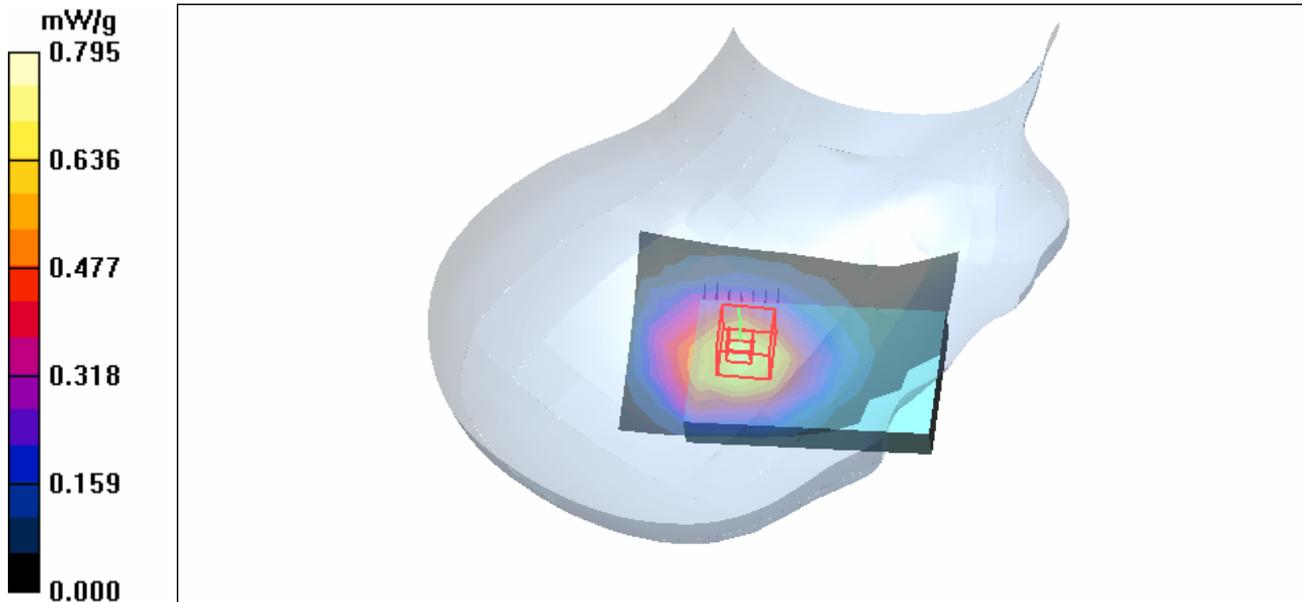
dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 0.784 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-CDMA850-Ch1013-Mode 2

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

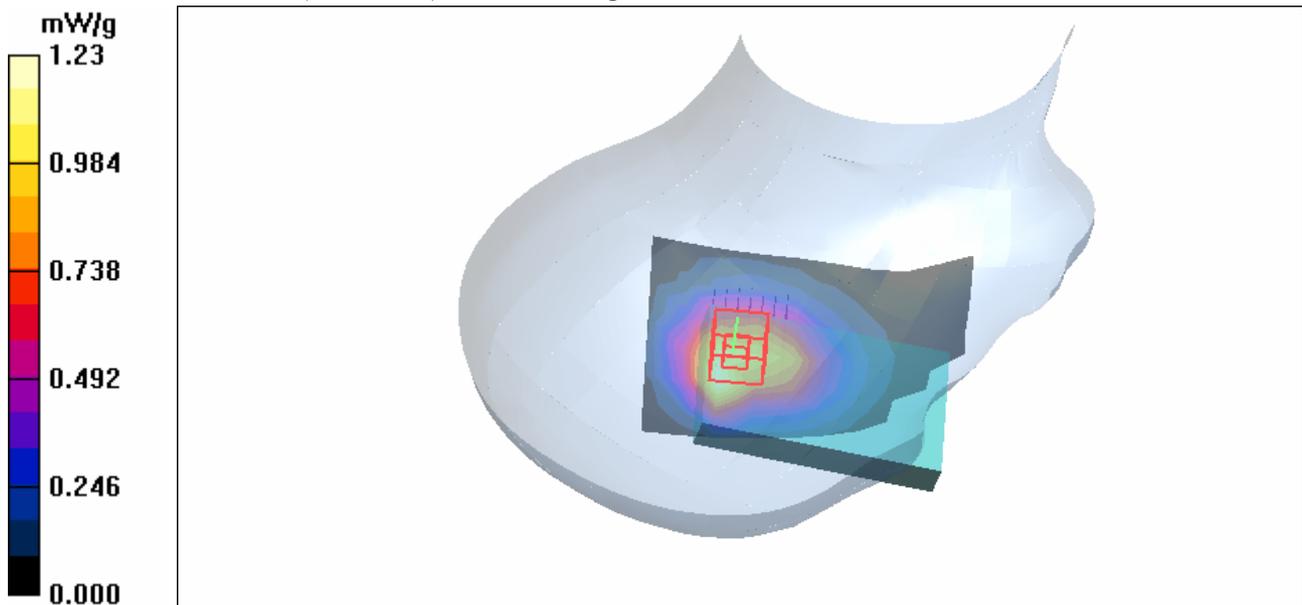
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.5 V/m

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.598 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-CDMA850-Ch384-Mode 2

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 384/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.896 mW/g

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

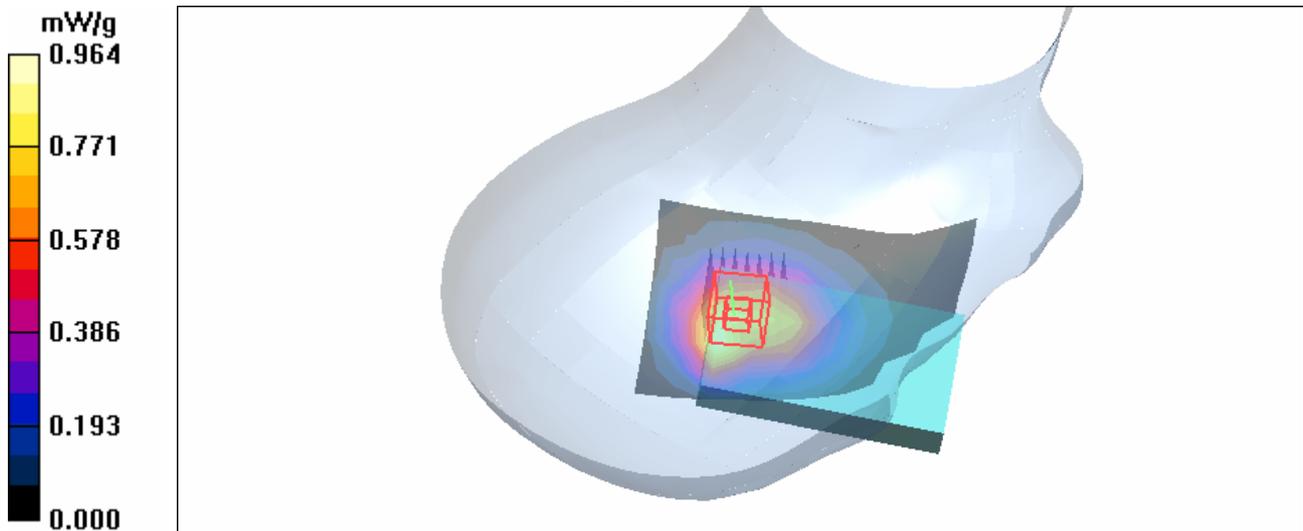
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.9 V/m

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 0.964 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-CDMA850-Ch777-Mode 2

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

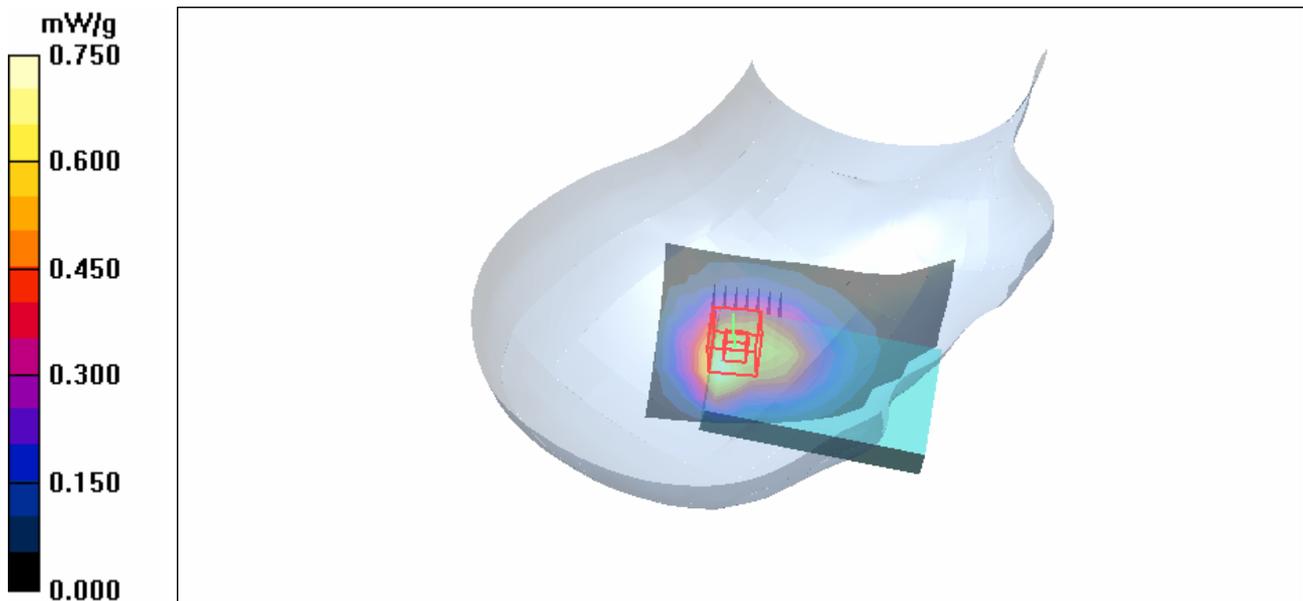
Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.717 mW/g

Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 25.9 V/m
 Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.385 mW/g
 Maximum value of SAR (measured) = 0.750 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch1013-Mode 3

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 1.28 mW/g

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

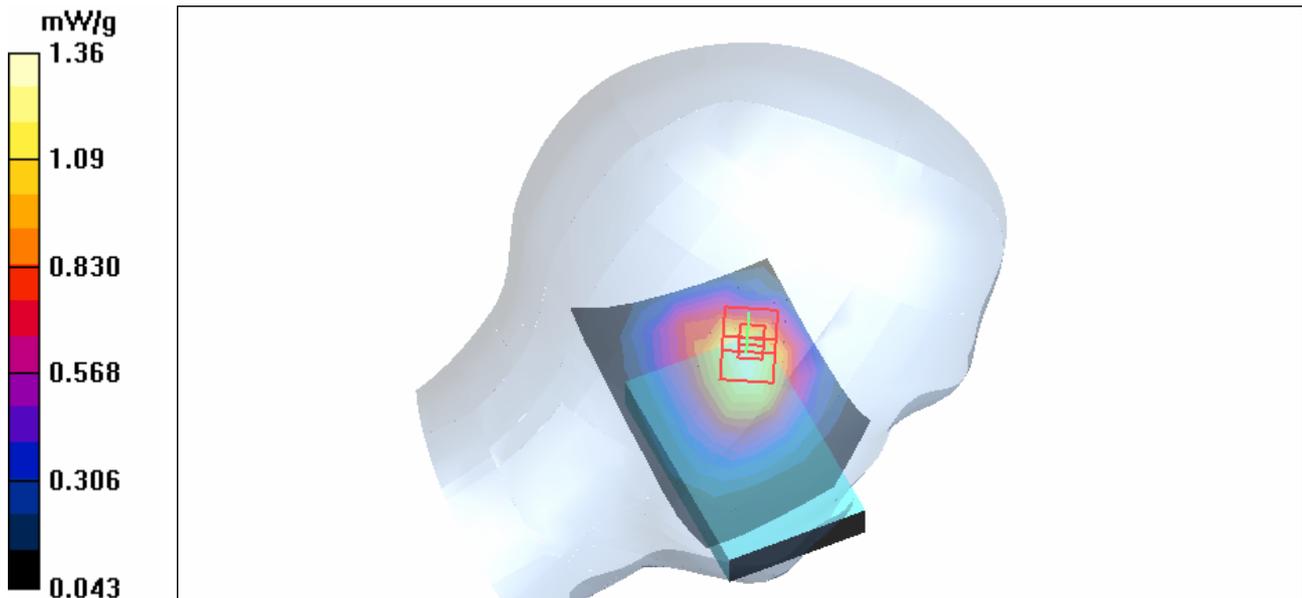
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

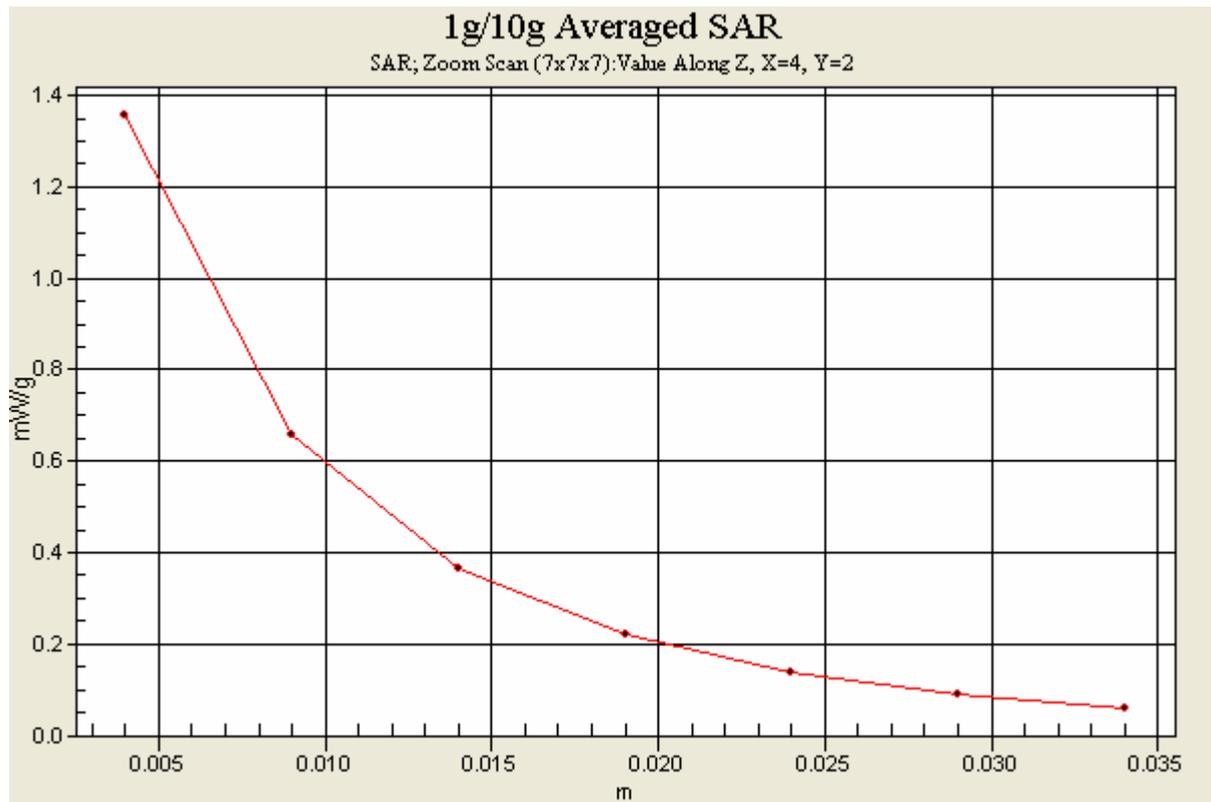
Reference Value = 36.8 V/m

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.704 mW/g

Maximum value of SAR (measured) = 1.36 mW/g





Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch384-Mode 3

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 1.10 mW/g

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

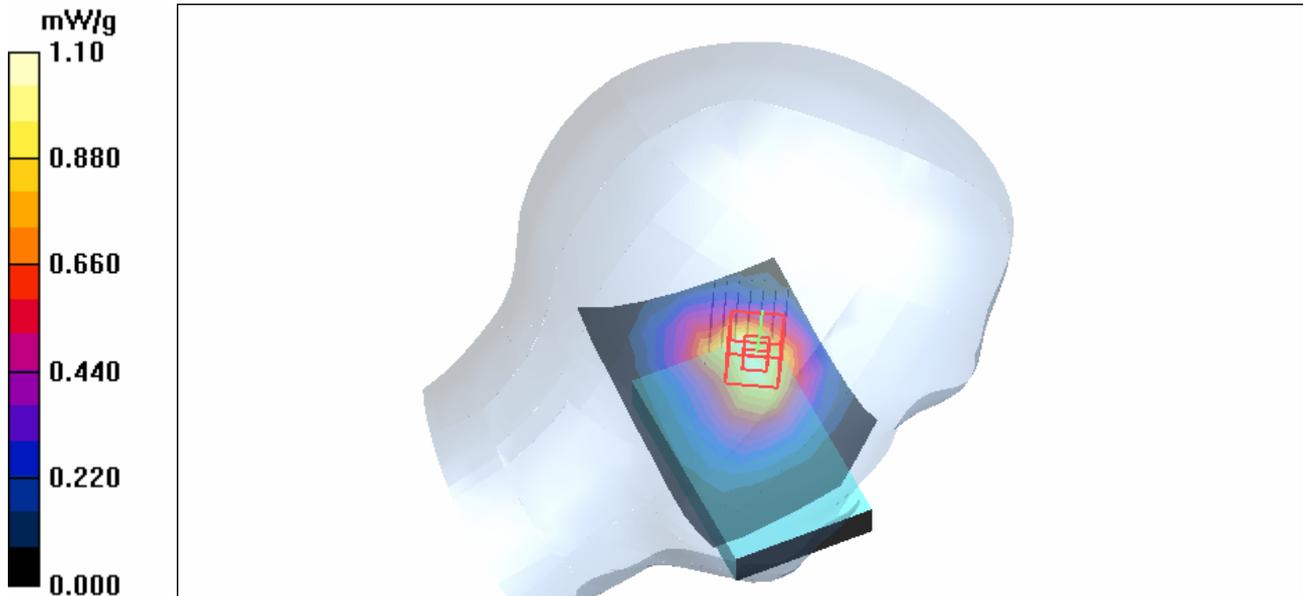
dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.3 V/m

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.597 mW/g

Maximum value of SAR (measured) = 1.08 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch777-Mode 3

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.94 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.849 mW/g

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

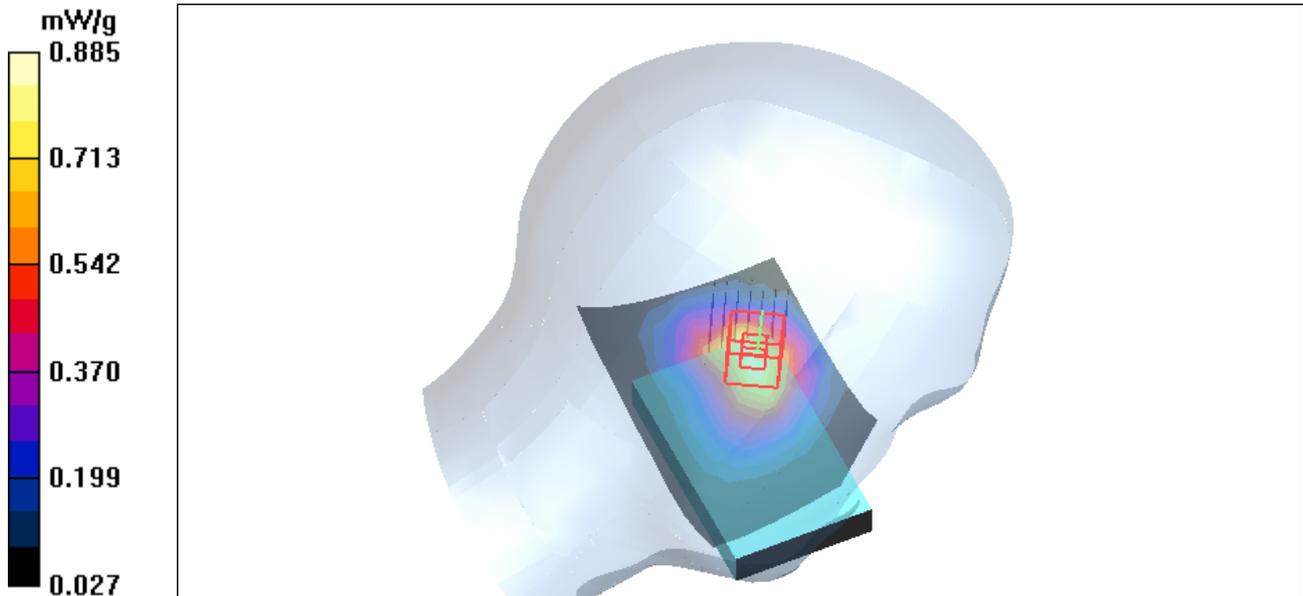
dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.3 V/m

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.493 mW/g

Maximum value of SAR (measured) = 0.885 mW/g



Test Laboratory: Advance Data Technology

Left Head- Tilt -CDMA850-Ch1013-Mode 4

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 1.24 mW/g

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

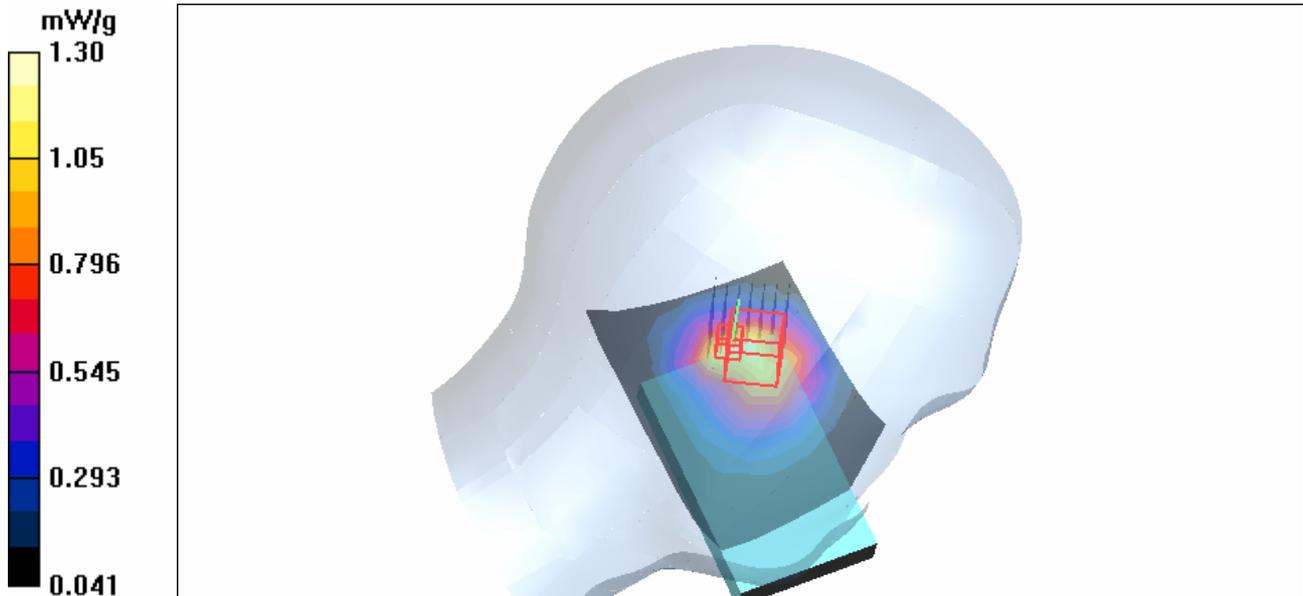
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.7 V/m

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.659 mW/g

Maximum value of SAR (measured) = 1.30 mW/g



Test Laboratory: Advance Data Technology

Left Head- Tilt -CDMA850-Ch384-Mode 4

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.2$; $\rho = 1000$ kg/m³ ;

Liquid level: 152 mm

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

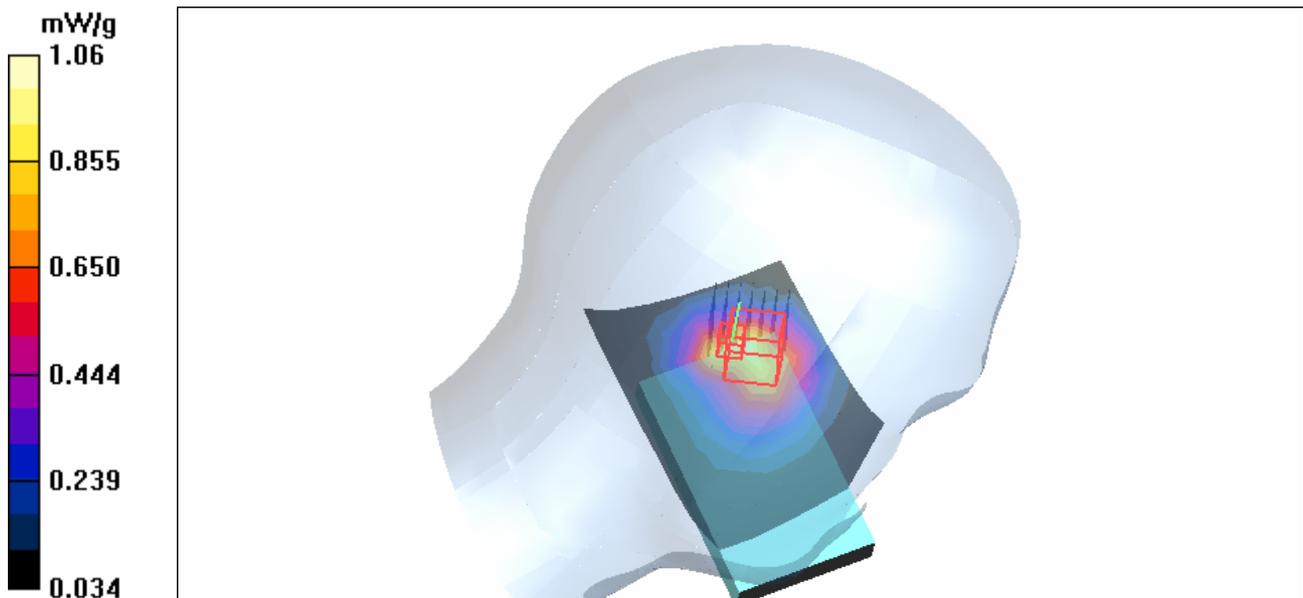
Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.989 mW/g

Tilt position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 30.9 V/m
 Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.524 mW/g
 Maximum value of SAR (measured) = 1.06 mW/g



Test Laboratory: Advance Data Technology

Left Head- Tilt -CDMA850-Ch777-Mode 4

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.94$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

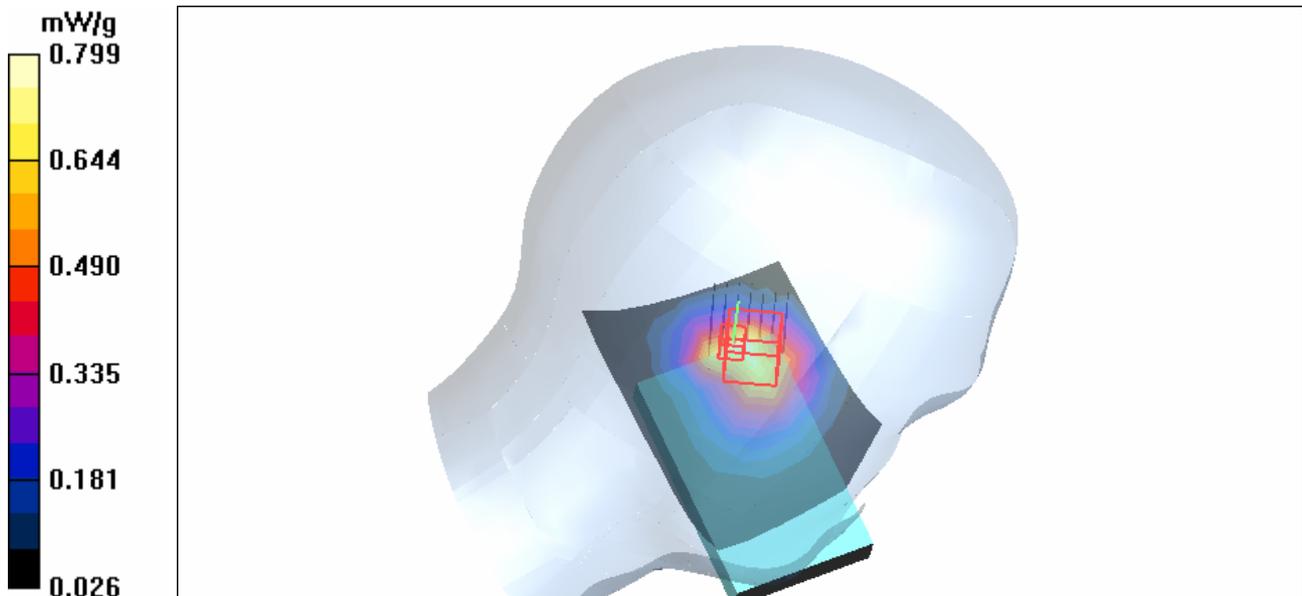
Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 27.1 V/m

Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = **0.732** mW/g; SAR(10 g) = 0.415 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch384-Mode 5-BAT. B

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 1.21 mW/g

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

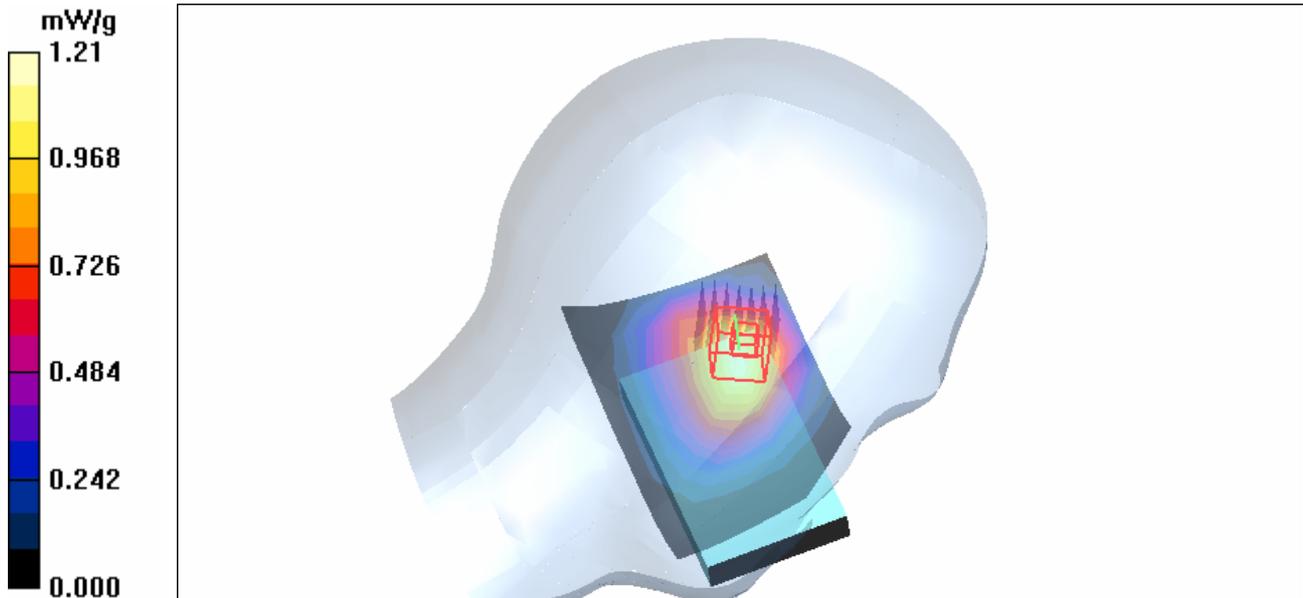
dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.1 V/m

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.695 mW/g

Maximum value of SAR (measured) = 1.2 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-CDMA850-Ch1013-Mode 6

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.492 mW/g

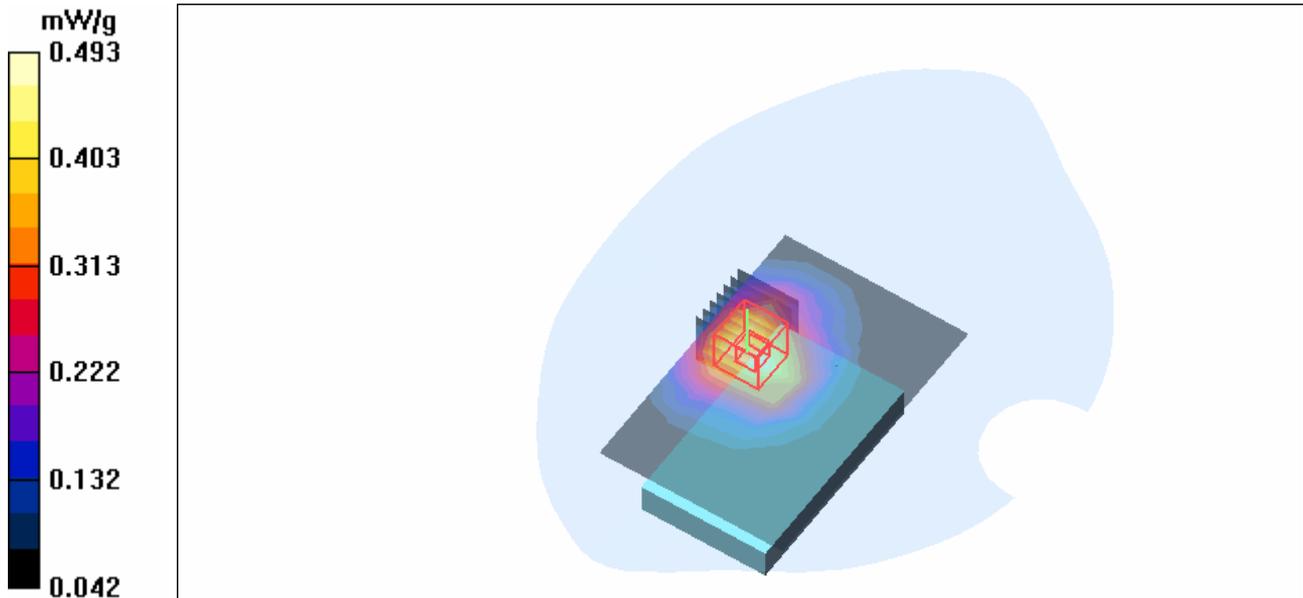
Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

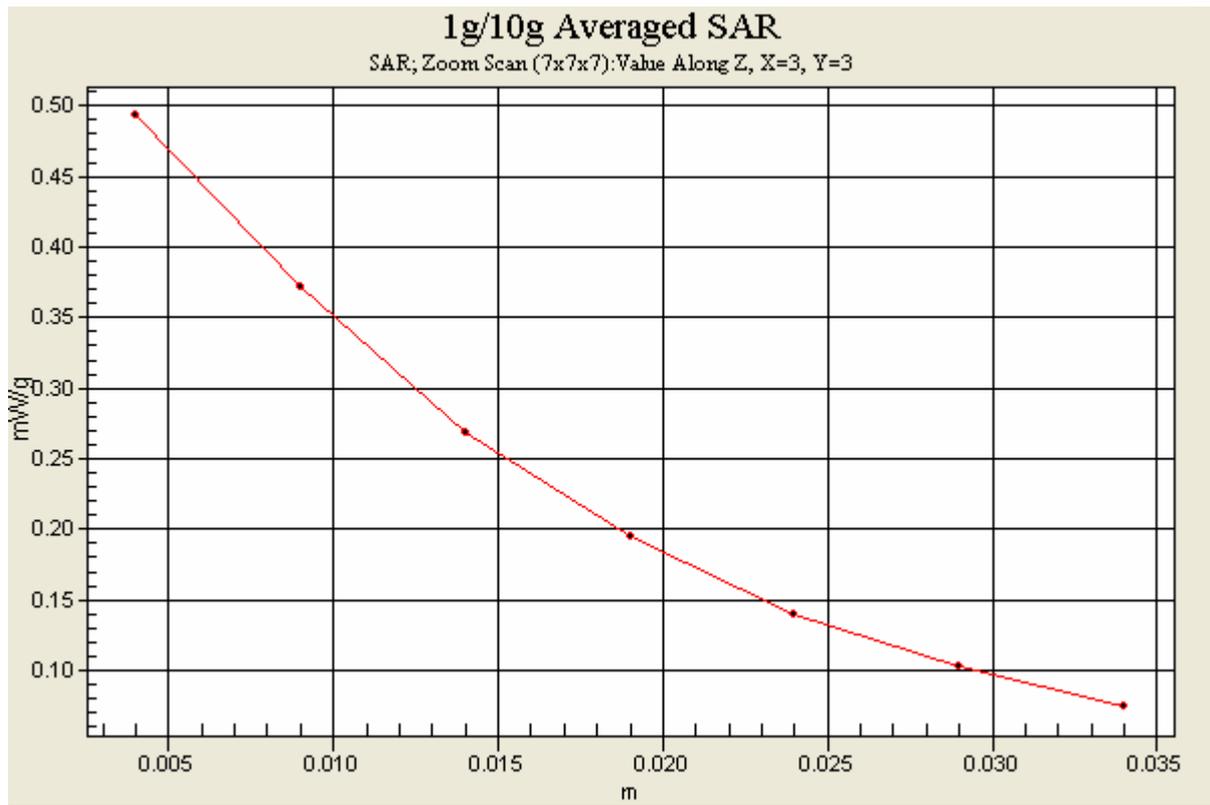
Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.493 mW/g





Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-CDMA850-Ch384-Mode 6

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.8$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

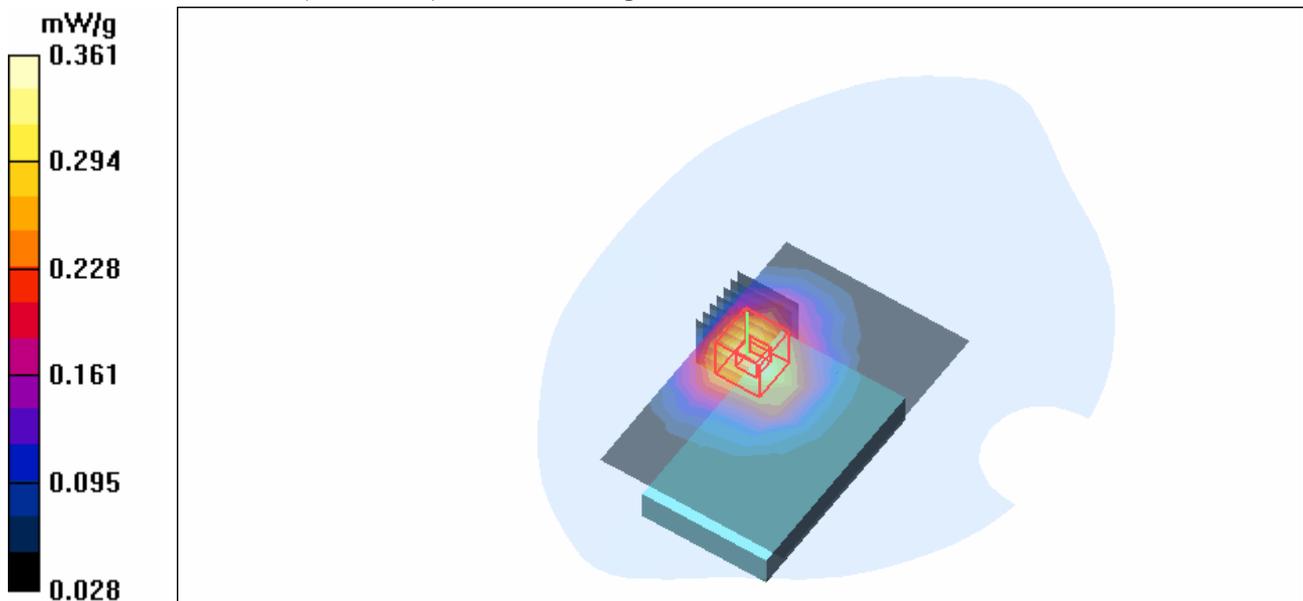
Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.75 V/m

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 0.361 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-CDMA850-Ch777-Mode 6

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 848.3 \text{ MHz}$; $\sigma = 1.02 \text{ mho/m}$; $\epsilon_r = 56.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

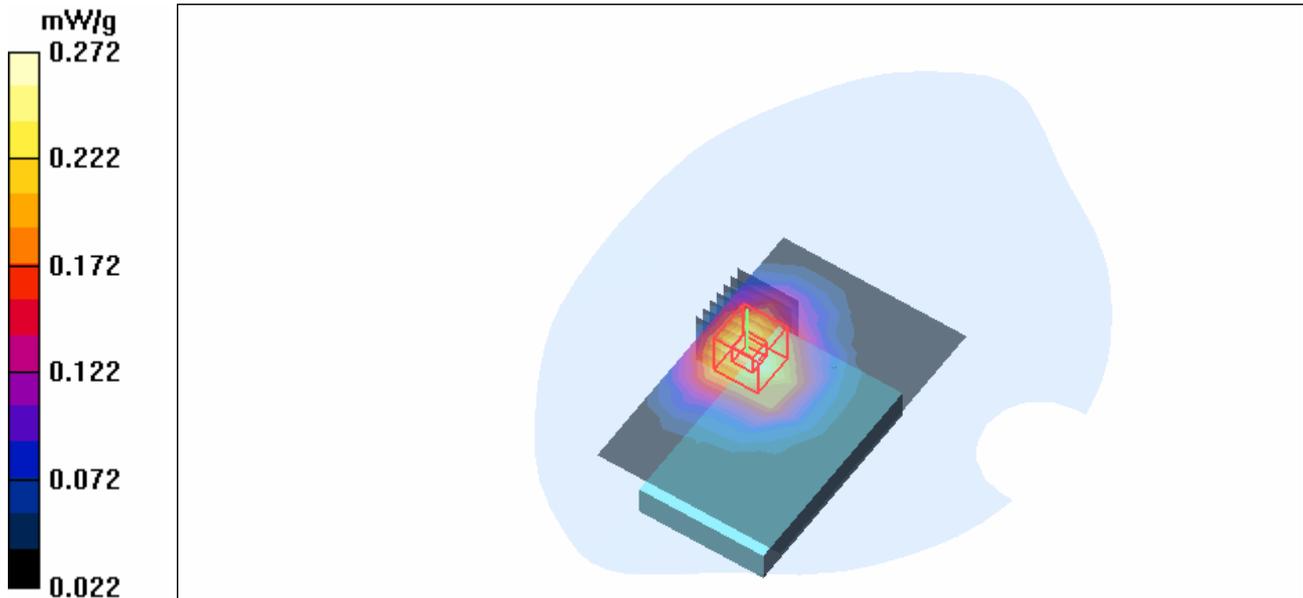
High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.15 V/m

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.272 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad UP-CDMA850-Ch1013-Mode 7

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

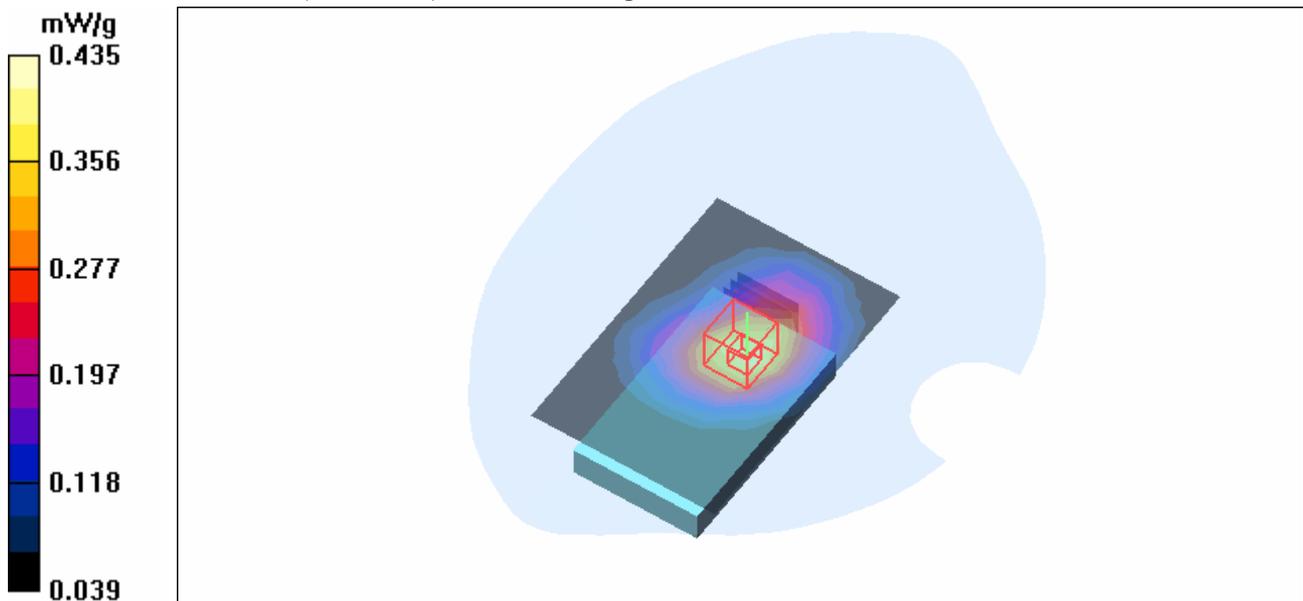
Low Channel 1013 FRONT/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.9 V/m

Peak SAR (extrapolated) = 0.527 W/kg

SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 0.435 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-1XEVD0850-Ch1013-Mode 8

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.482 mW/g

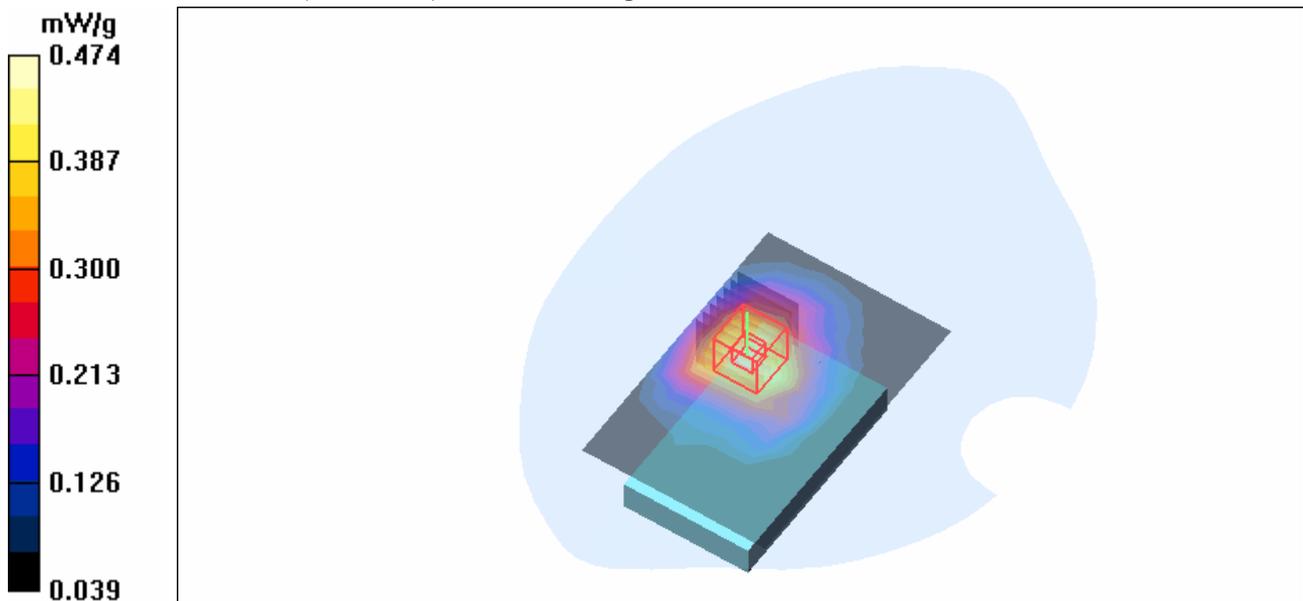
Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 0.561 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.474 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-1XEVD0850-Ch384-Mode 8

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 836.5 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.8$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

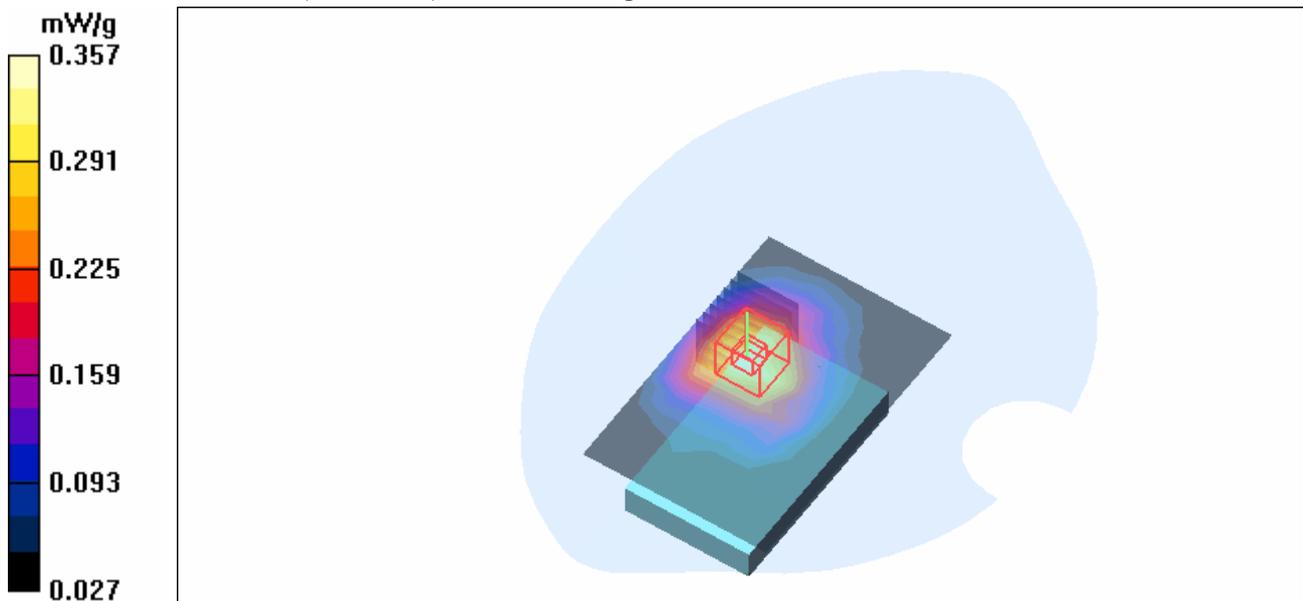
Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.8 V/m

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.234 mW/g

Maximum value of SAR (measured) = 0.357 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-1XEVD0850-Ch777-Mode 8

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 848.3 \text{ MHz}$; $\sigma = 1.02 \text{ mho/m}$; $\epsilon_r = 56.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

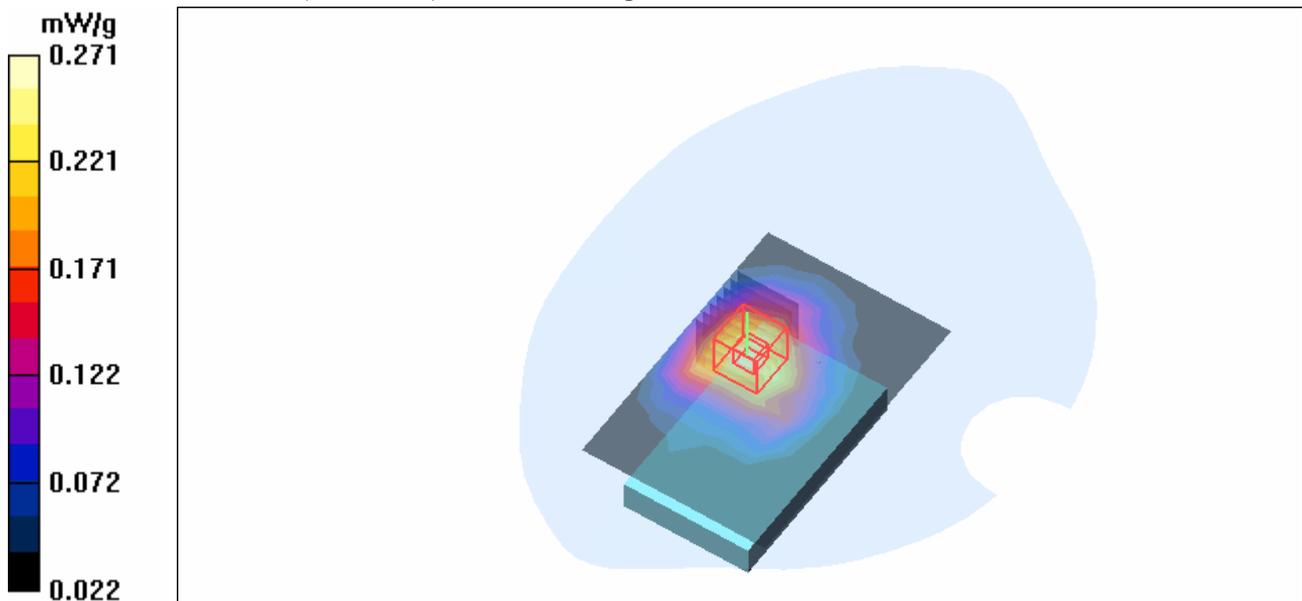
High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.319 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.182 mW/g

Maximum value of SAR (measured) = 0.271 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad UP-1XEVDO850-Ch1013-Mode 9

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.417 mW/g

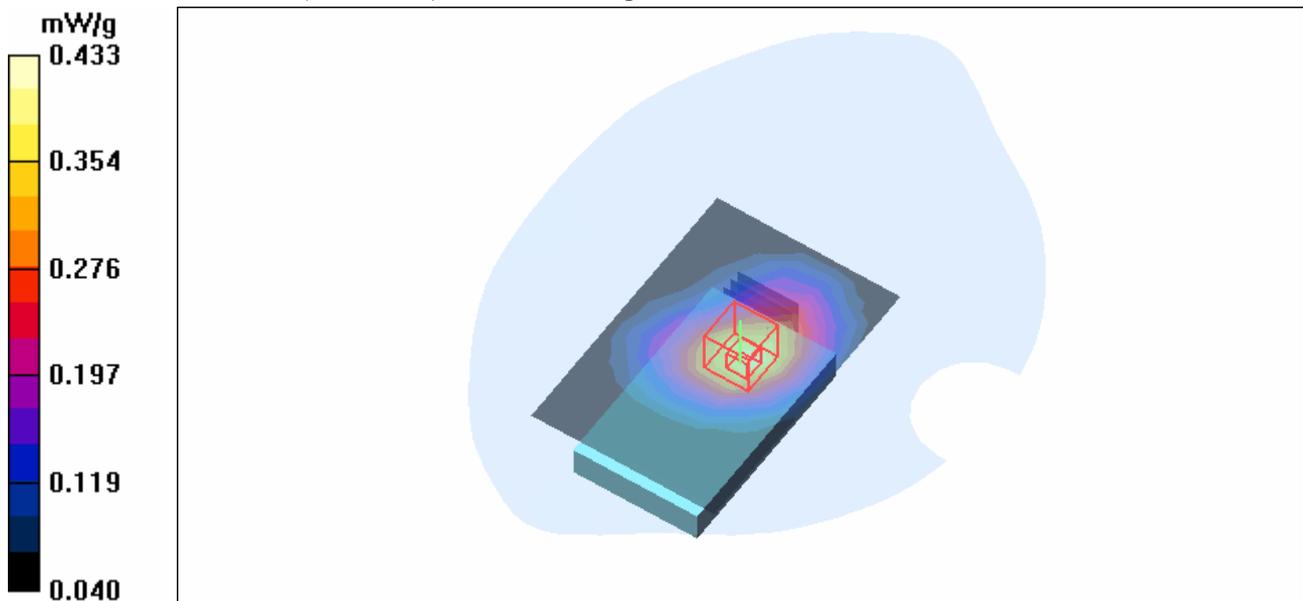
Low Channel 1013 FRONT/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.8 V/m

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.273 mW/g

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



Test Laboratory: Advance Data Technology

Right Head- Cheek –CDMA1900-Ch25-Mode 10

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.606 mW/g

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

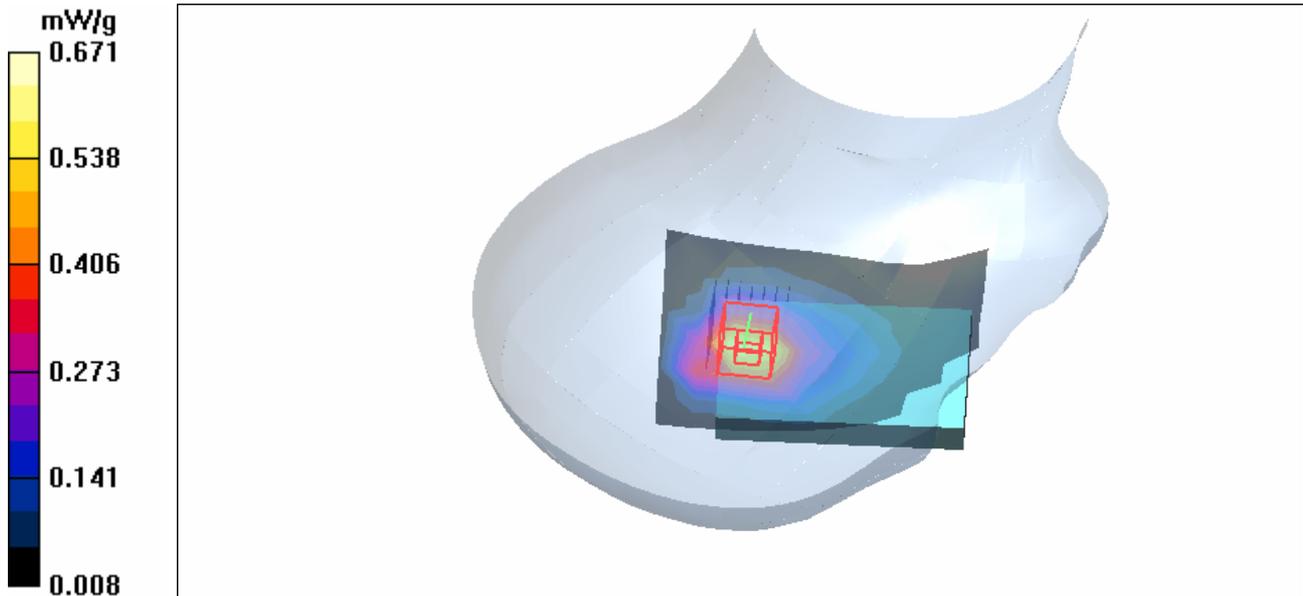
dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.9 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.671 mW/g



Test Laboratory: Advance Data Technology

Right Head- Cheek –CDMA1900-Ch600-Mode 10

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.688 mW/g

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

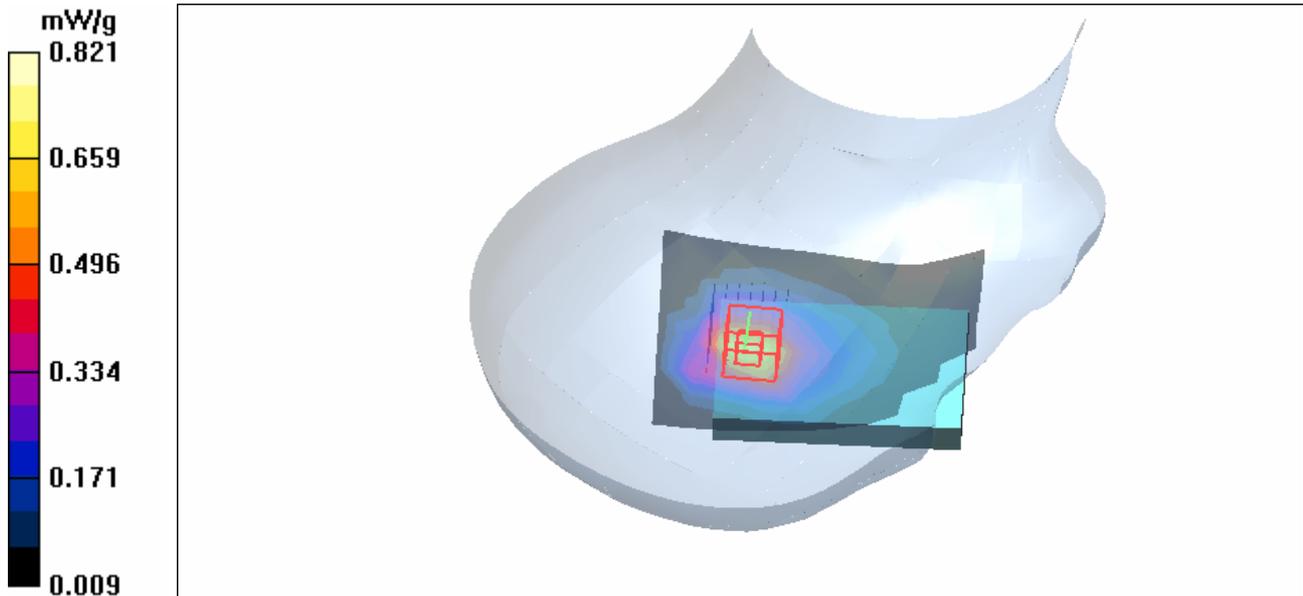
dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.7 V/m

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.821 mW/g



Test Laboratory: Advance Data Technology

Right Head- Cheek –CDMA1900-Ch1175-Mode 10

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.714 mW/g

Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

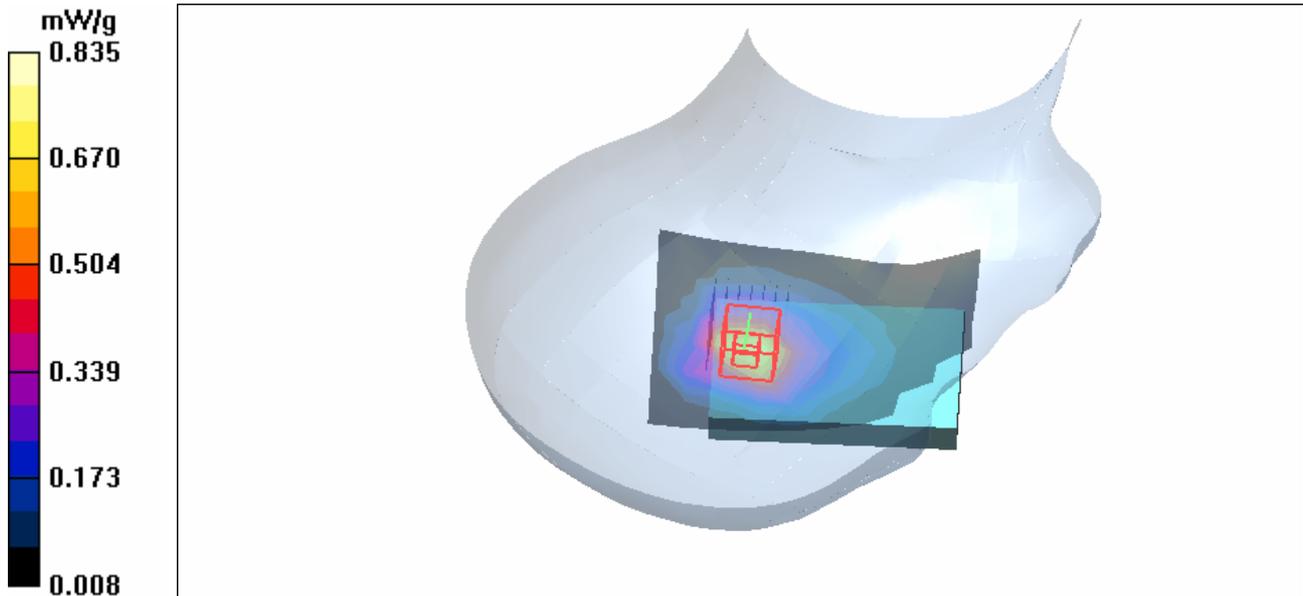
dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.3 V/m

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.835 mW/g



Test Laboratory: Advance Data Technology

Right Head- Tilt –CDMA1900-Ch25-Mode 11

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.584 mW/g

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

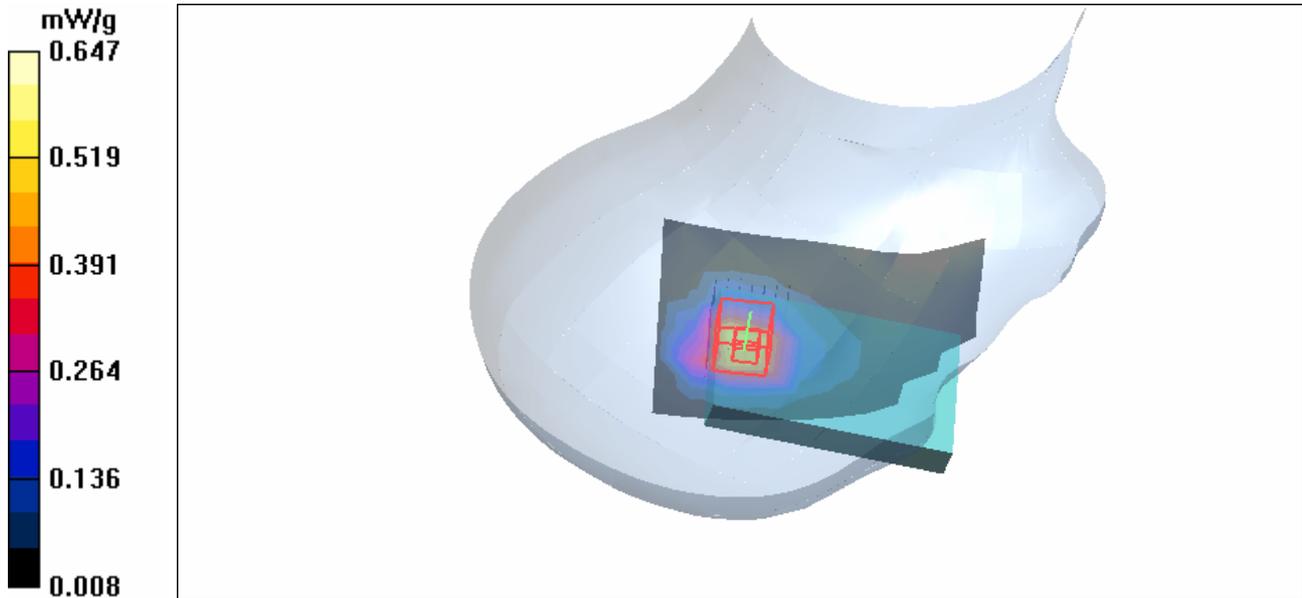
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.1 V/m

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.331 mW/g

Maximum value of SAR (measured) = 0.647 mW/g



Test Laboratory: Advance Data Technology

Right Head- Tilt –CDMA1900-Ch600-Mode 11

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

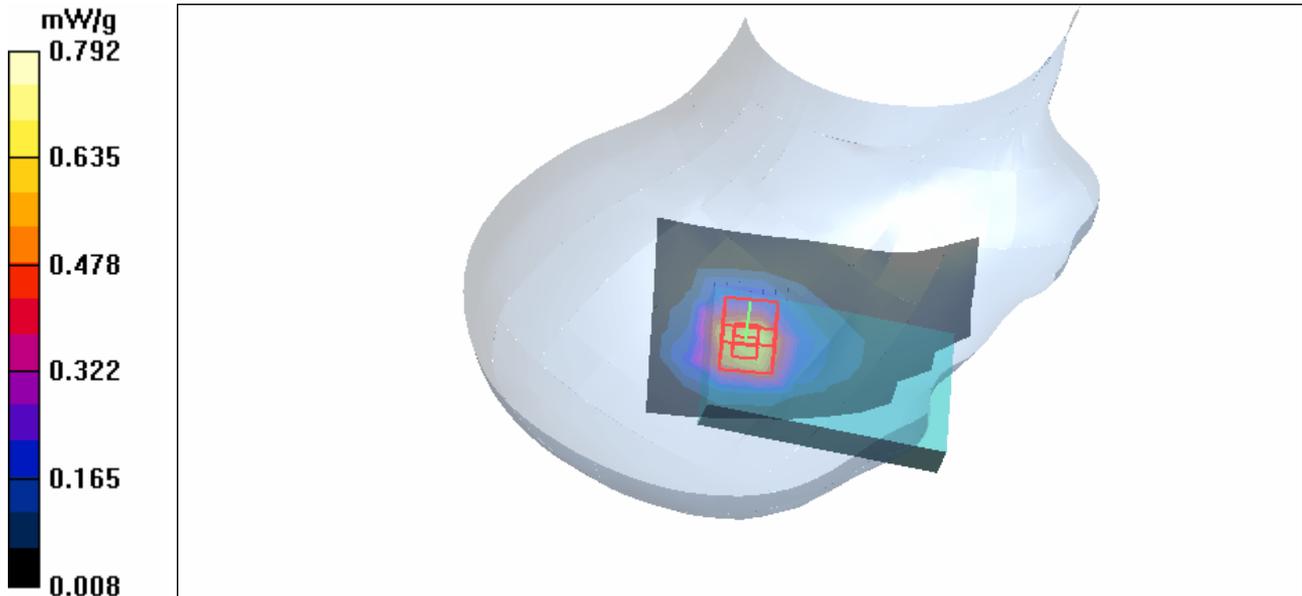
Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 600/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.664 mW/g

Tilt position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 22.1 V/m
 Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.394 mW/g
 Maximum value of SAR (measured) = 0.792 mW/g



Test Laboratory: Advance Data Technology

Right Head- Tilt –CDMA1900-Ch1175-Mode 11

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.689 mW/g

Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

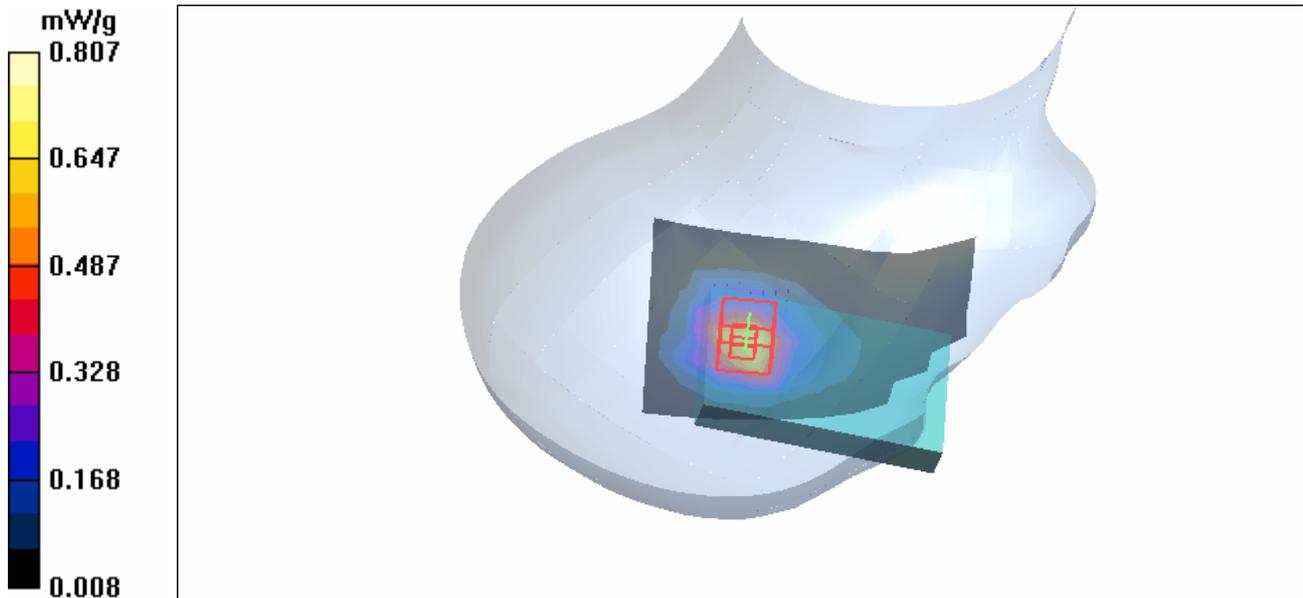
dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.5 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.717 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.807 mW/g



Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch25-Mode 12

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.652 mW/g

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

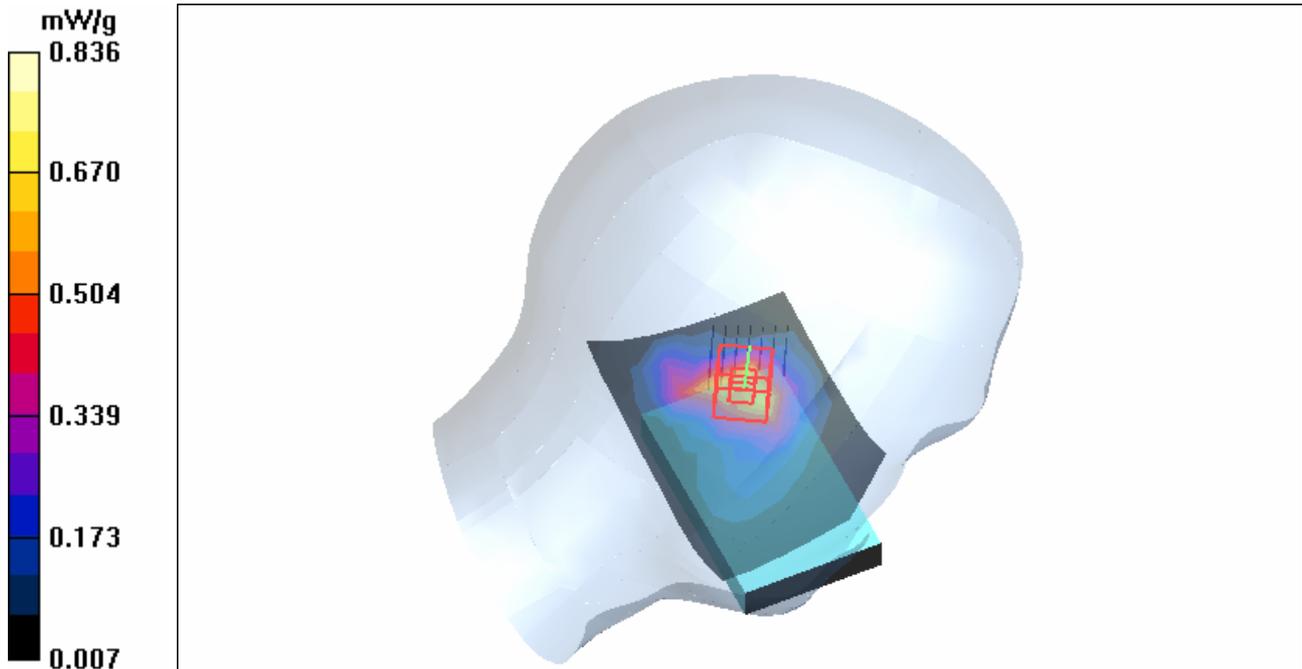
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.9 V/m

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.405 mW/g

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



Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch600-Mode 12

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.812 mW/g

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

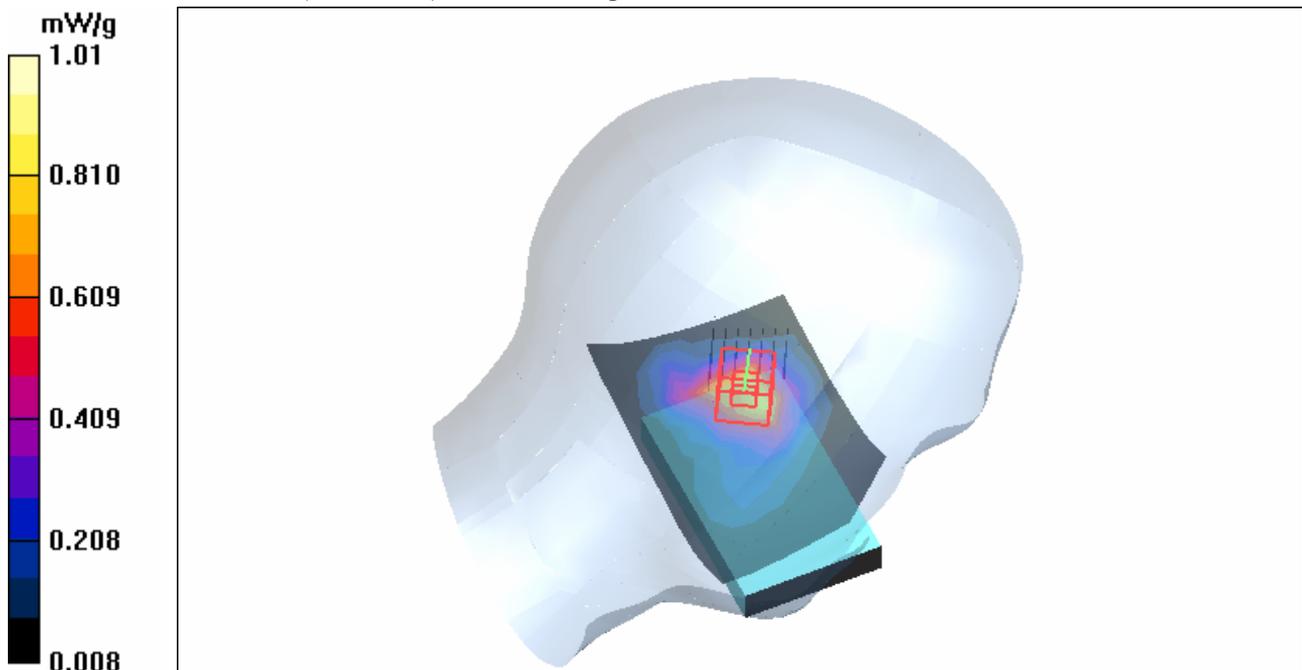
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.9 V/m

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.902 mW/g; SAR(10 g) = 0.488 mW/g

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



Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch1175-Mode 12

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.841 mW/g

Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

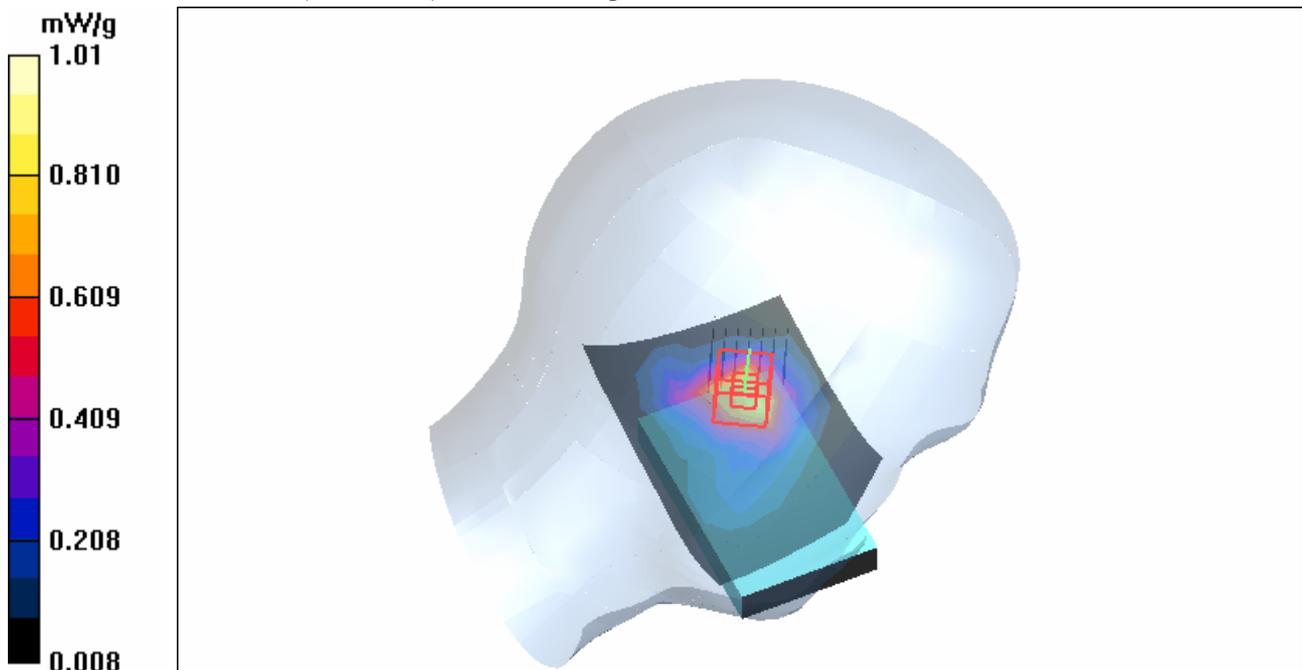
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

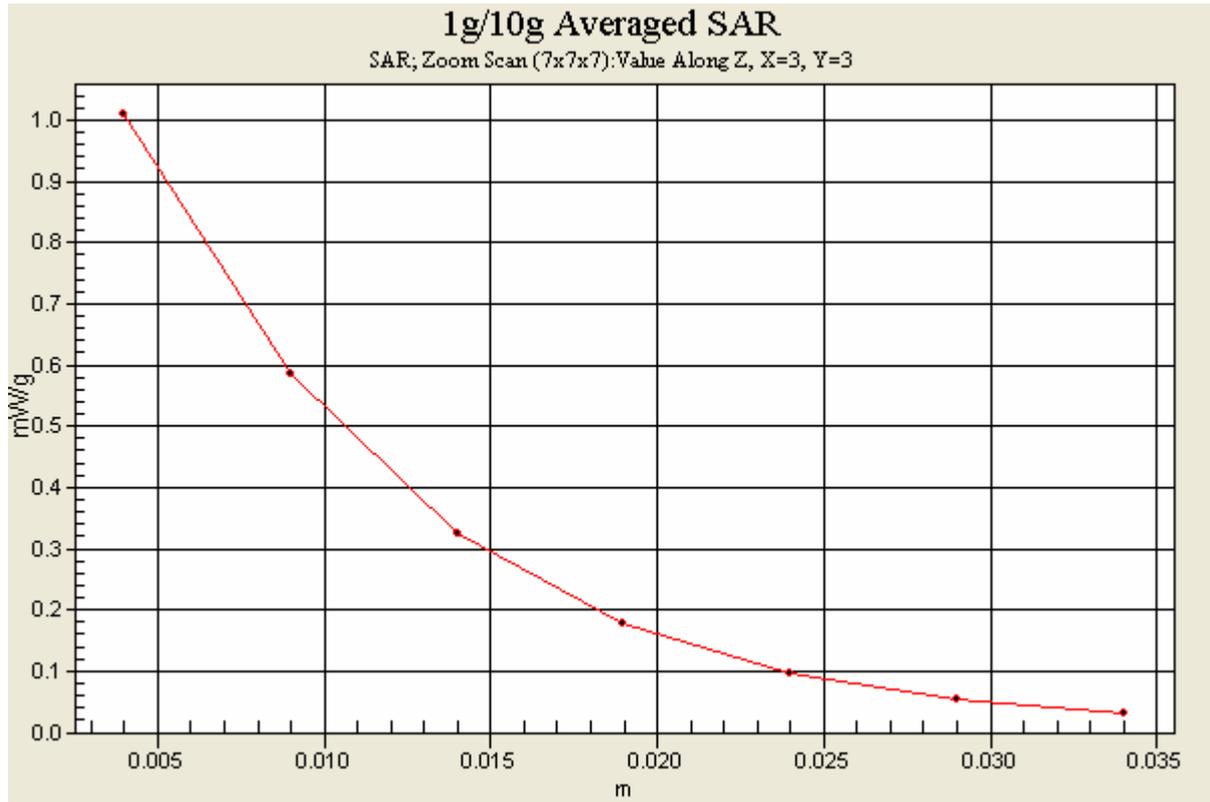
Reference Value = 23.0 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.492 mW/g

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





Test Laboratory: Advance Data Technology

Left Head- Tilt –CDMA1900-Ch25-Mode 13

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

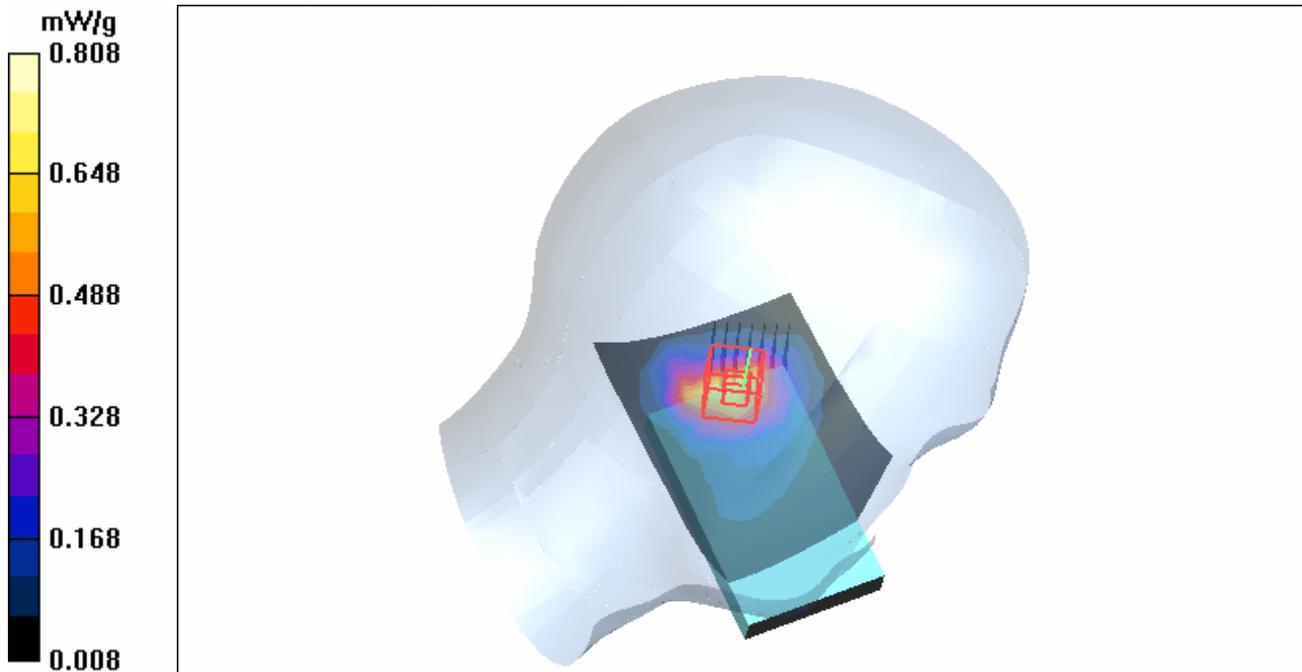
dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.6 V/m

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.401 mW/g

Maximum value of SAR (measured) = 0.808 mW/g



Test Laboratory: Advance Data Technology

Left Head- Tilt –CDMA1900-Ch600-Mode 13

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 40.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

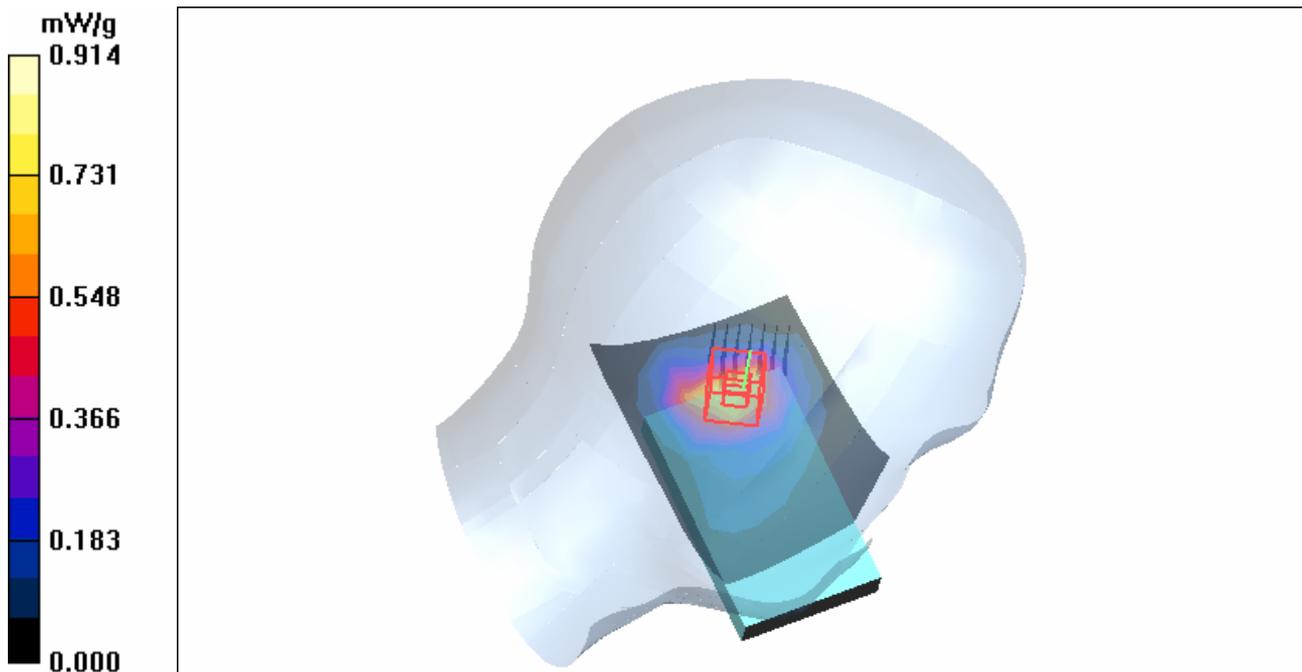
Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 600/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.766 mW/g

Tilt position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 24.9 V/m
 Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.446 mW/g
 Maximum value of SAR (measured) = 0.914 mW/g



Test Laboratory: Advance Data Technology

Left Head- Tilt –CDMA1900-Ch1175-Mode 13

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.771 mW/g

Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

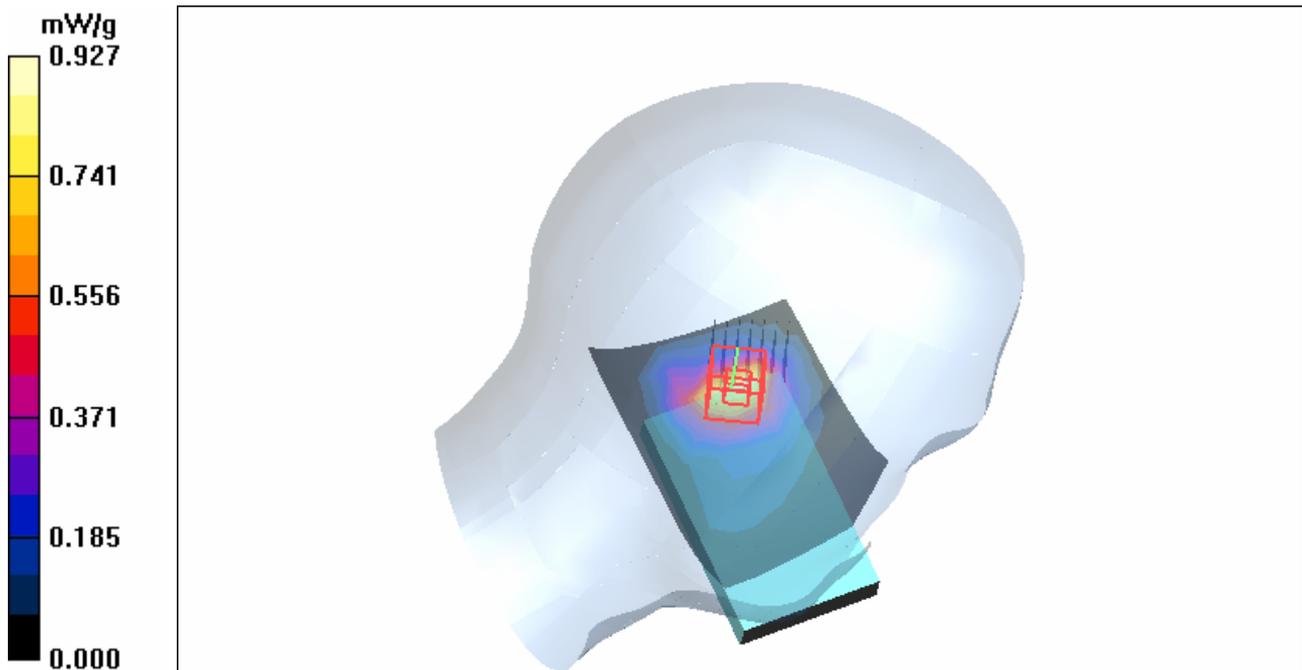
dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.8 V/m

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.452 mW/g

Maximum value of SAR (measured) = 0.927 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-CDMA1900-Ch1175-Mode 14

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.163 mW/g

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

Reference Value = 8.69 V/m

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.109 mW/g

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

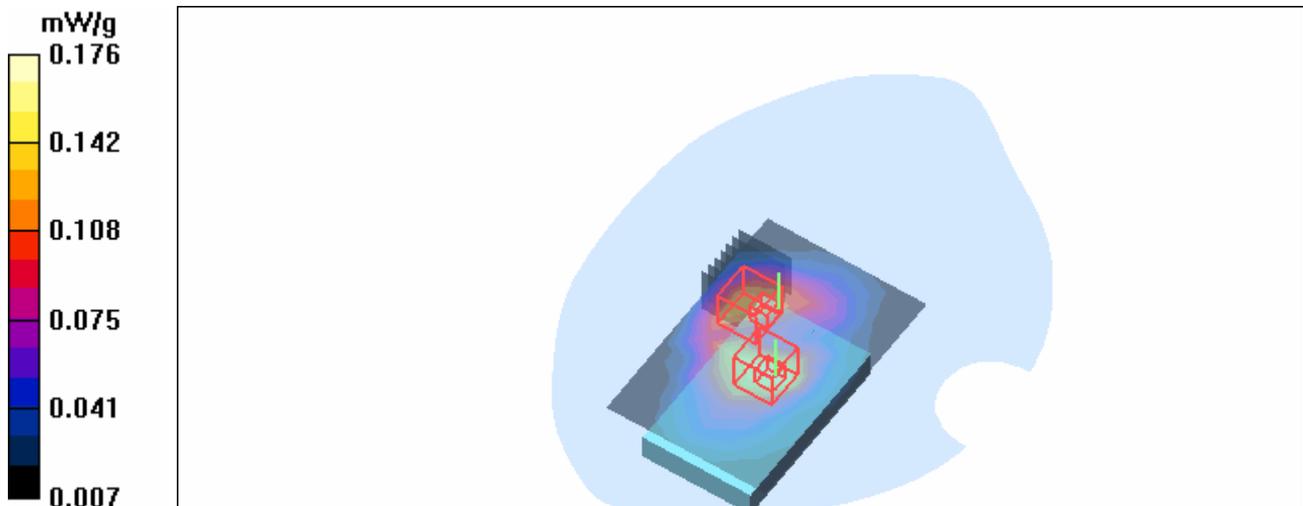
Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.69 V/m

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.114 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-CDMA1900-Ch600-Mode 14

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

Reference Value = 8.69 V/m

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.112 mW/g

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

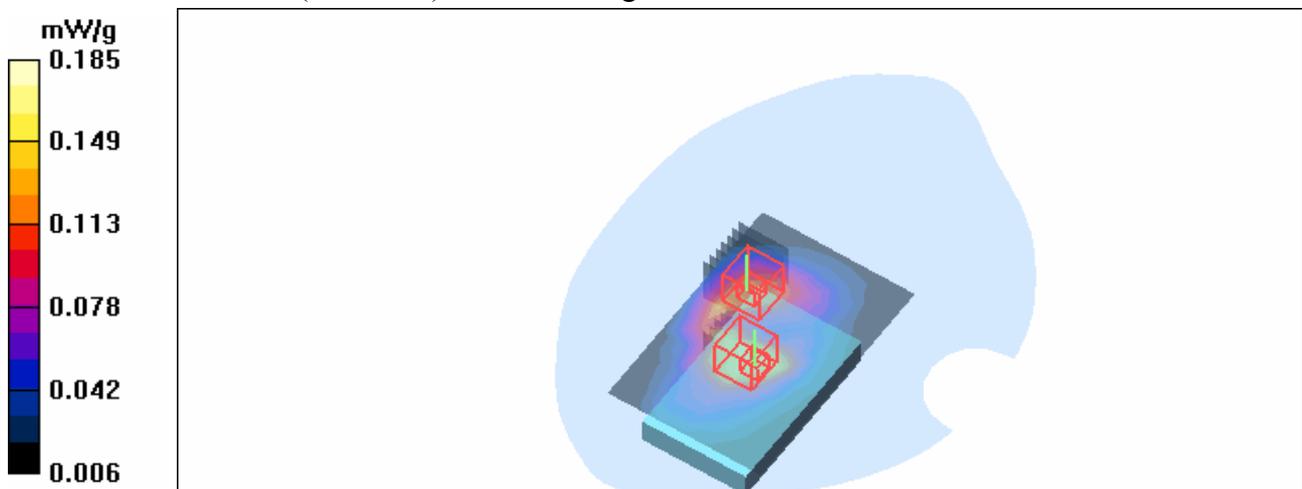
Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.69 V/m

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.098 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-CDMA1900-Ch1175-Mode 14

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.201 mW/g

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

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.139 mW/g

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

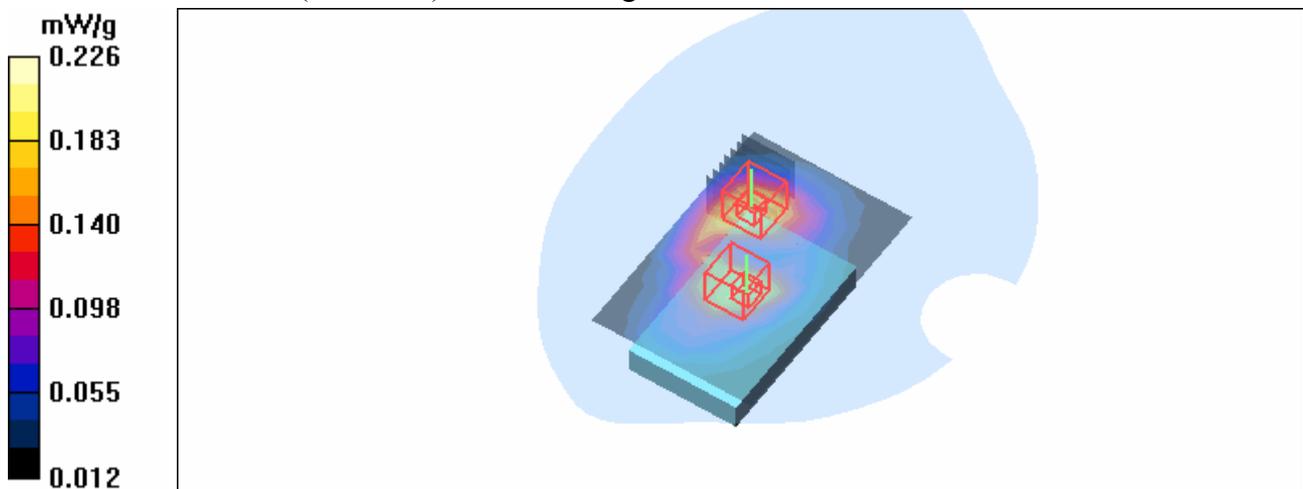
High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

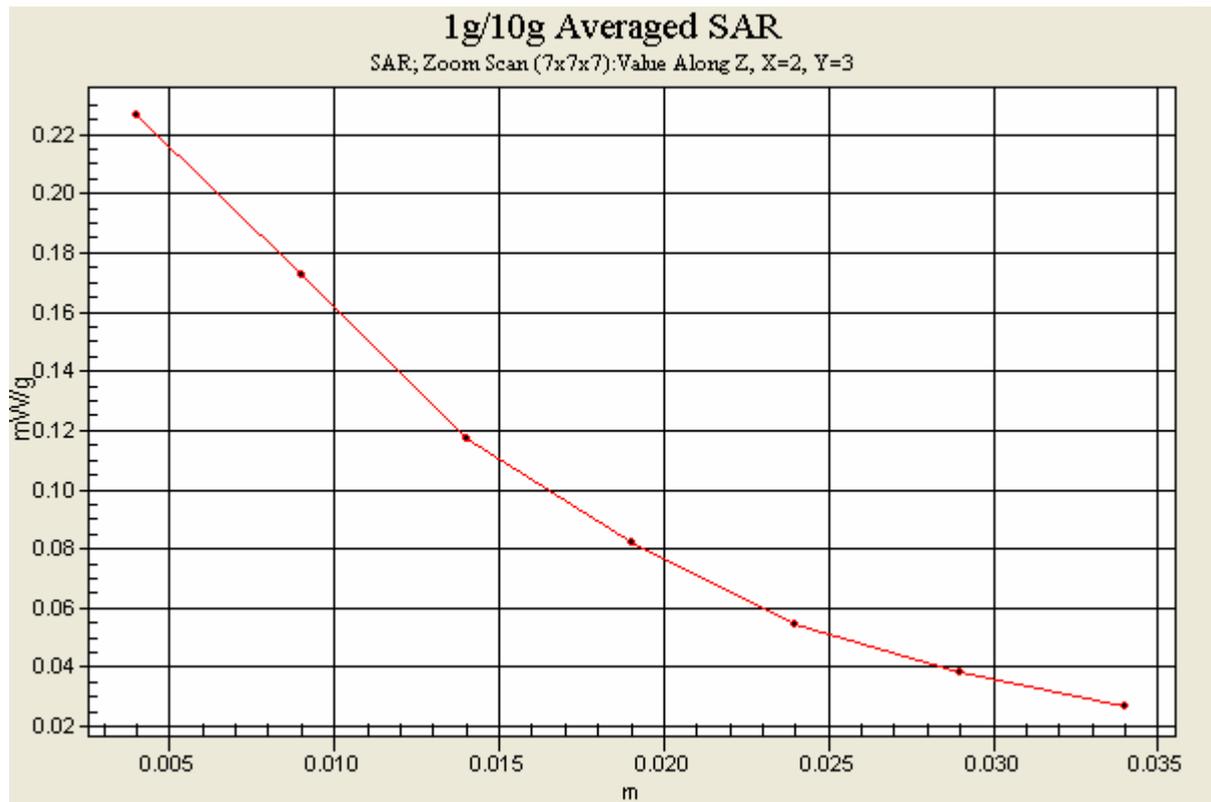
Reference Value = 9.07 V/m

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.173 mW/g





Test Laboratory: Advance Data Technology

Body Worn-Keypad UP-CDMA1900-Ch1175-Mode 15

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.142 mW/g

High Channel 1175 FRONT/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

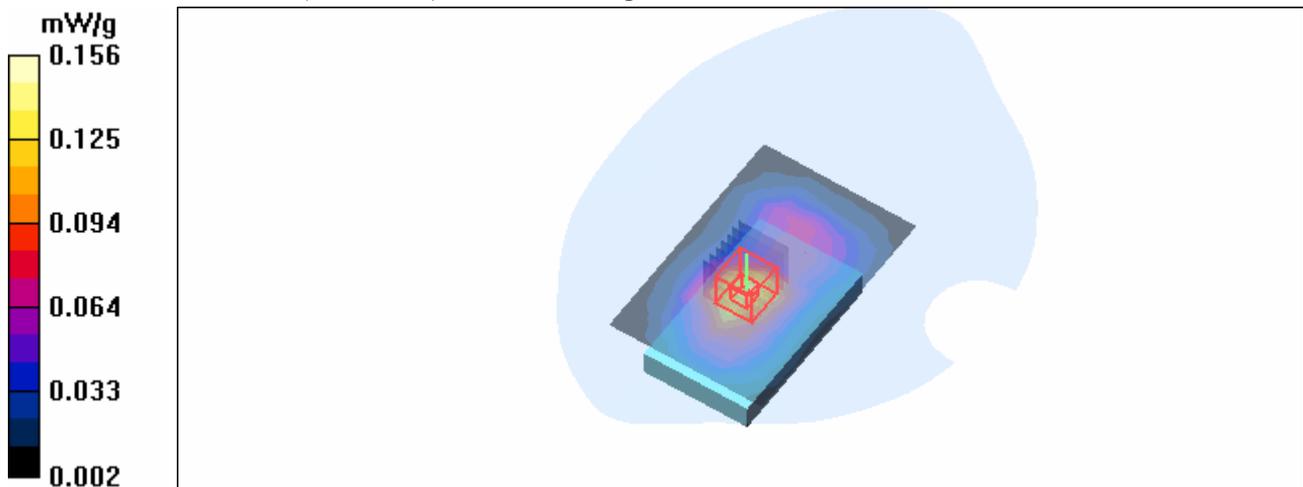
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.17 V/m

Peak SAR (extrapolated) = 0.180 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.153 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-1XEVD01900-Ch25-Mode 16

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1851.25 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 54.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

Reference Value = 8.56 V/m

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.175 mW/g

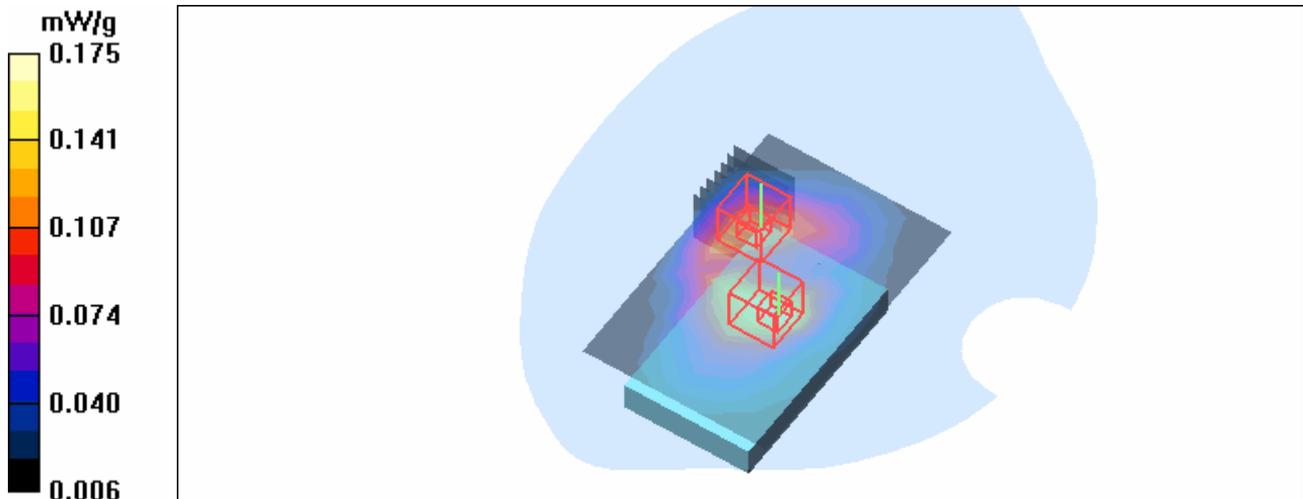
Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.56 V/m

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.080 mW/g

Maximum value of SAR (measured) = 0.136 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-1XEVD01900-Ch600-Mode 16

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.56$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.169 mW/g

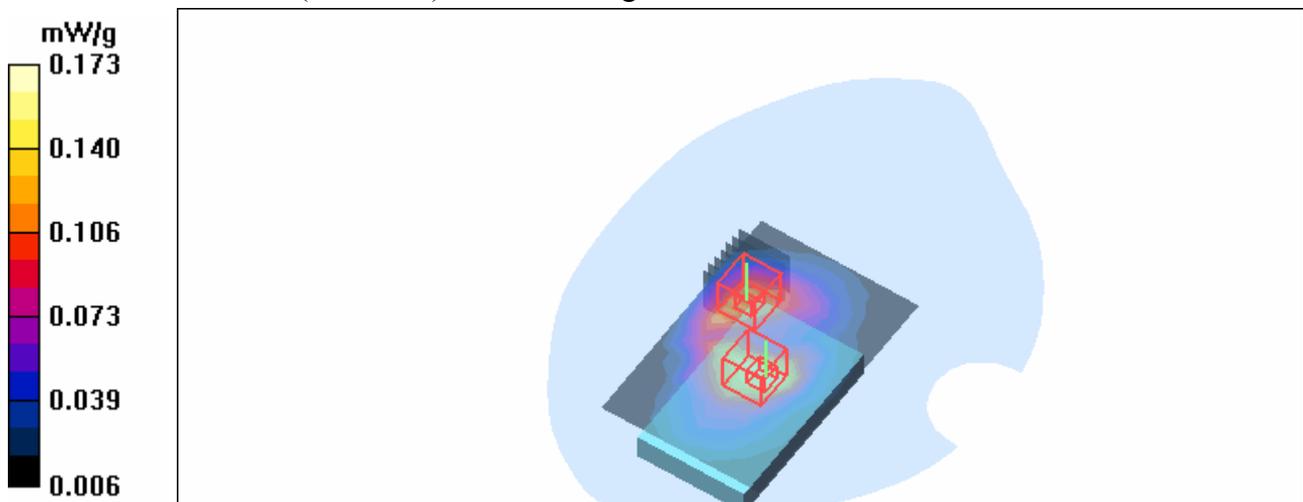
Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.173 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-1XEVD01900-Ch1175-Mode 16

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

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

dy=5mm, dz=5mm

Reference Value = 8.72 V/m

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.217 mW/g

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

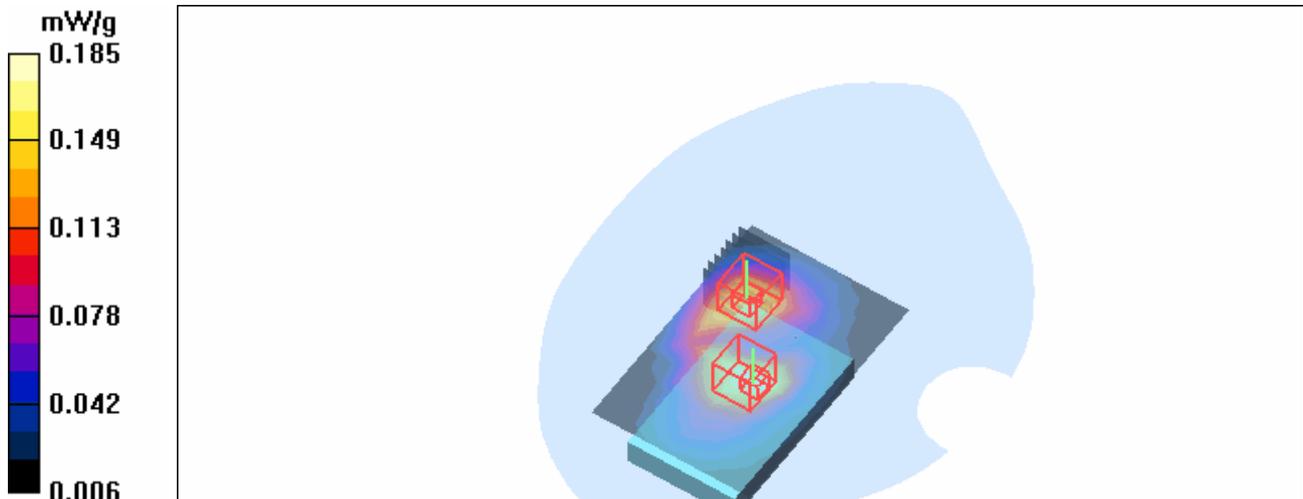
dy=5mm, dz=5mm

Reference Value = 8.72 V/m

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.169 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad UP-1XEVDO1900-Ch1175-Mode 17

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1908.75 \text{ MHz}$; $\sigma = 1.59 \text{ mho/m}$; $\epsilon_r = 53.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

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

High Channel 1175 FRONT/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

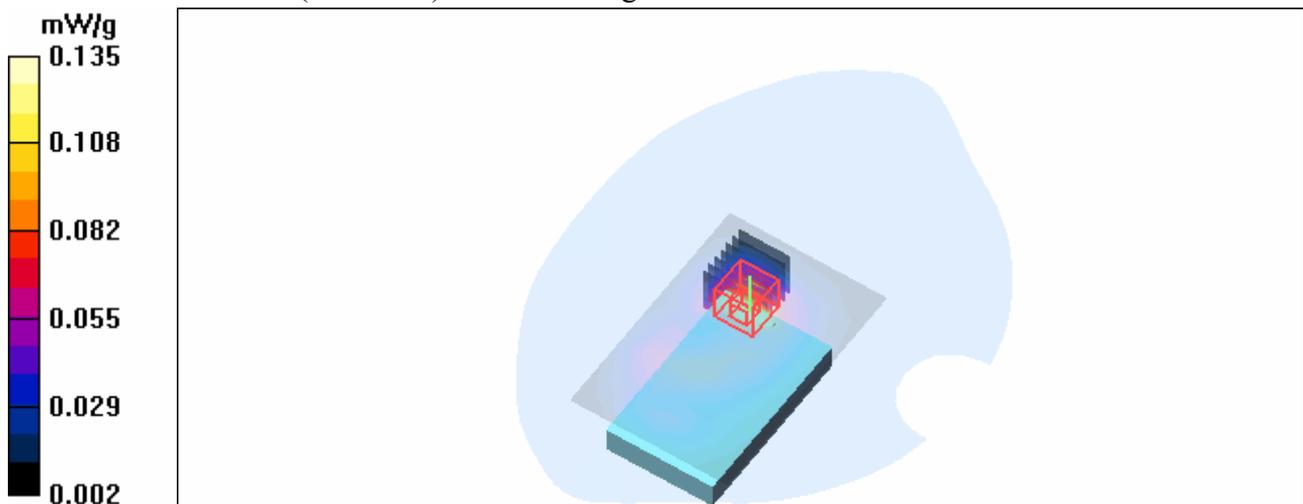
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.69 V/m

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.109 mW/g ; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.135 mW/g



Test Laboratory: Advance Data Technology

Left Head- Cheek –B T-Ch0-Mode 18

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 154 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 0/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

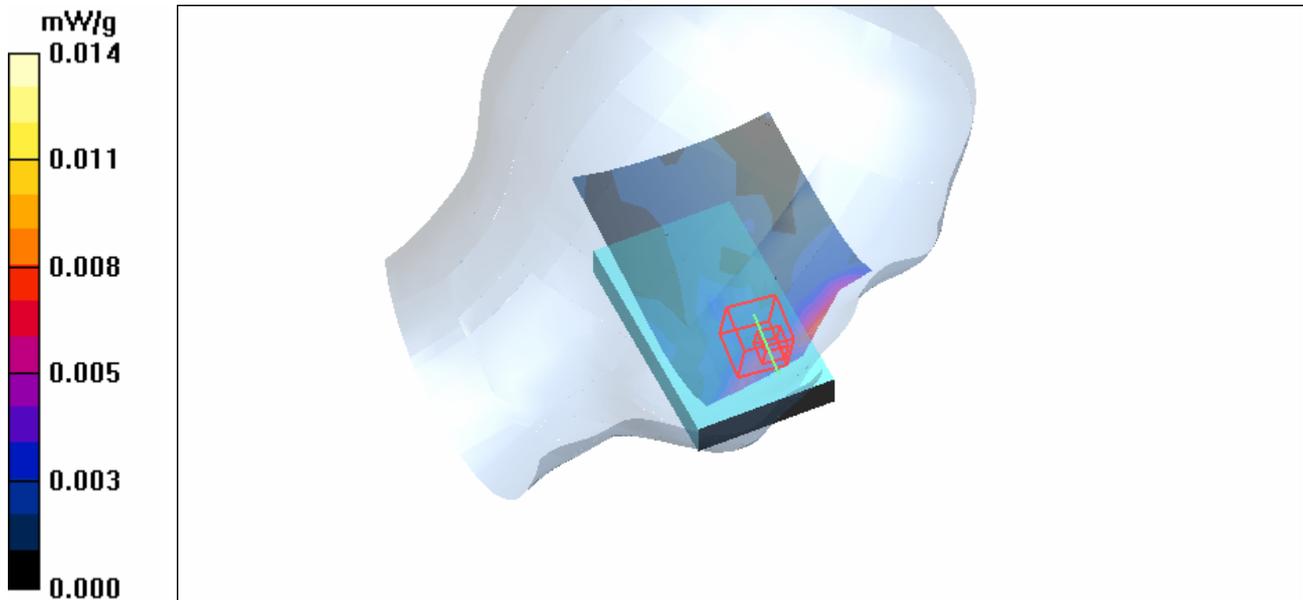
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.358 V/m

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.000396 mW/g; SAR(10 g) = 3.99e-005 mW/g

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



Test Laboratory: Advance Data Technology

Left Head- Cheek –B T-Ch39-Mode 18

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 154 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid Channel 39/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

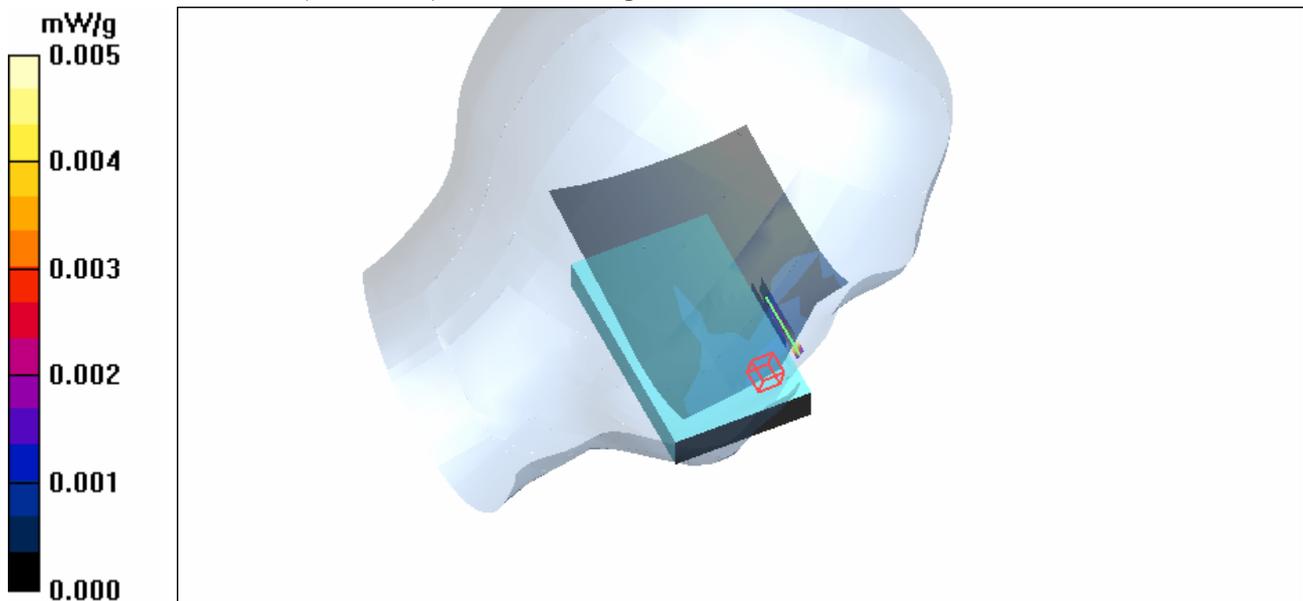
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.468 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000496 mW/g; SAR(10 g) = 5.89e-005 mW/g

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



Test Laboratory: Advance Data Technology

Left Head- Cheek –B T-Ch78-Mode 18

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.9 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 154 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High Channel 78/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

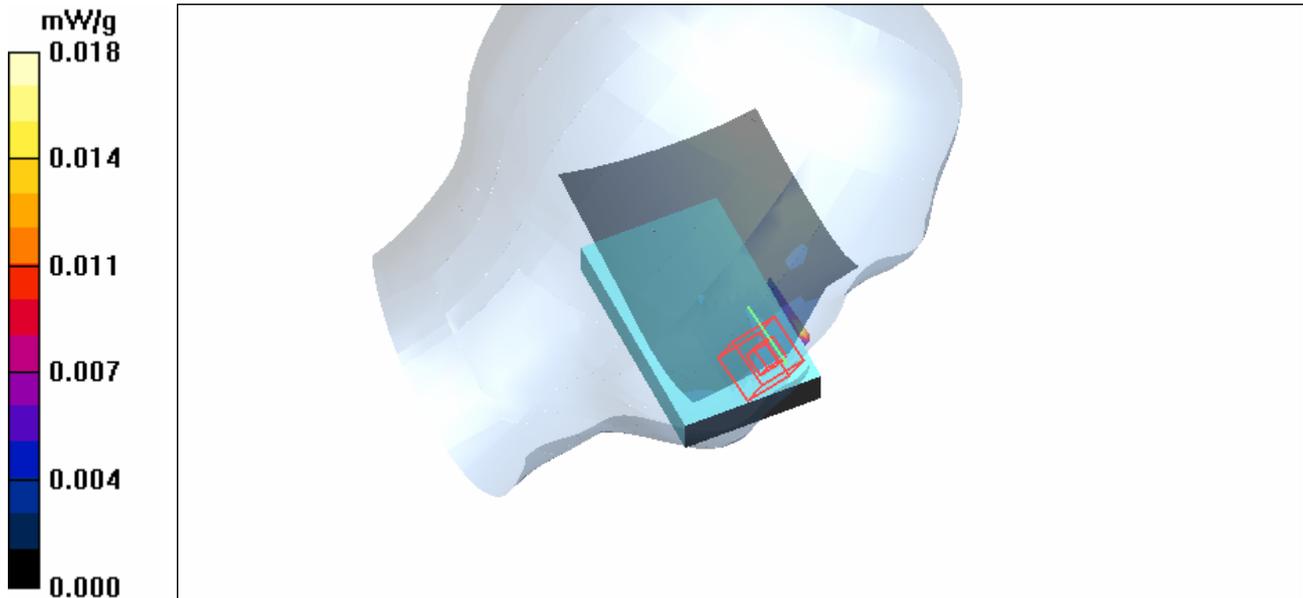
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.454 V/m

Peak SAR (extrapolated) = 0.018 W/kg

SAR(1 g) = 0.000273 mW/g; SAR(10 g) = 3.59e-005 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-BT-Ch0-Mode 19

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2402 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.88$ mho/m; $\epsilon_r = 53.7$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.1 degrees ; Liquid Temp. : 21.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 0/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

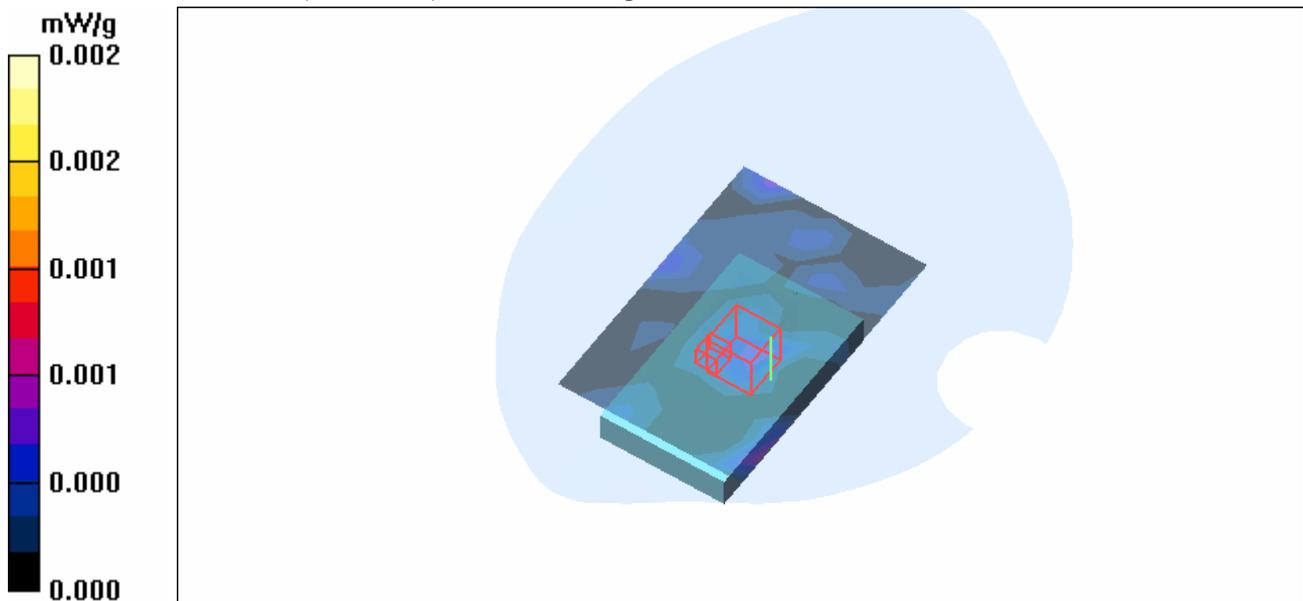
Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.384 V/m

Peak SAR (extrapolated) = 0.001 W/kg

SAR(1 g) = 1.57e-005 mW/g; SAR(10 g) = 1.97e-006 mW/g

Maximum value of SAR (measured) = 0.002 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-BT-Ch39-Mode 19

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2441 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.93 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 151 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.1 degrees ; Liquid Temp. : 21.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 39/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.001 mW/g

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 = 0.321 V/m

Peak SAR (extrapolated) = 0.003 W/kg

SAR(1 g) = 2.15e-005 mW/g; SAR(10 g) = 5.65e-006 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-BT-Ch78-Mode 19

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2480 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.1 degrees ; Liquid Temp. : 21.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 78/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

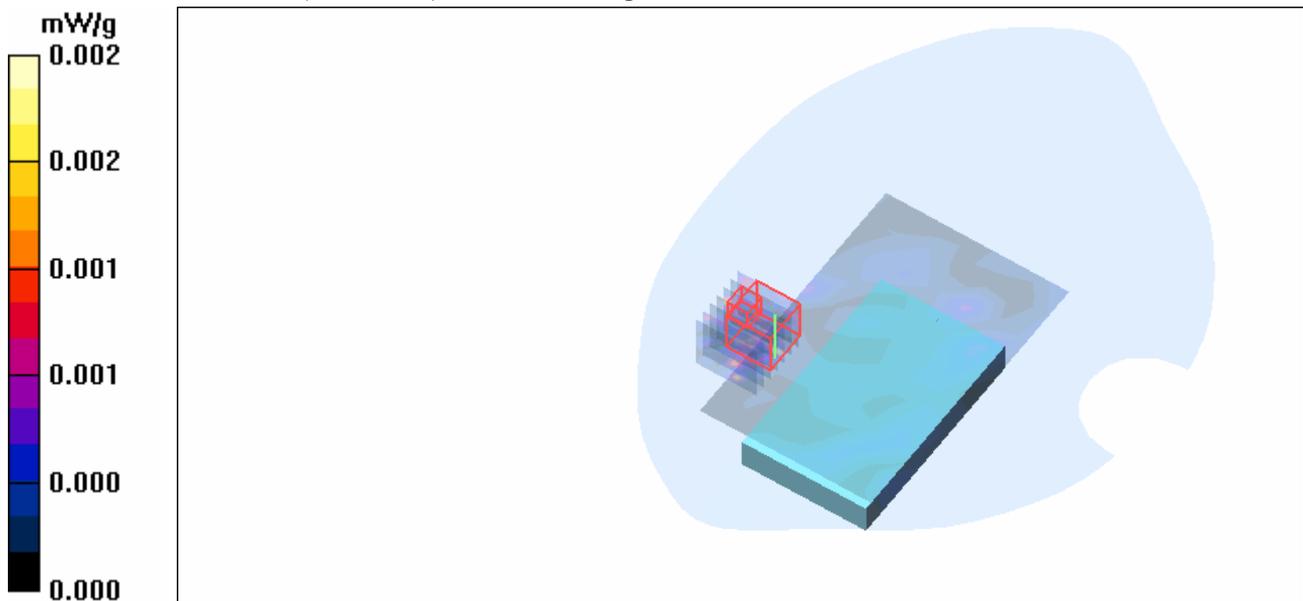
High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.021 V/m

Peak SAR (extrapolated) = 0.001 W/kg

SAR(1 g) = 3.41e-006 mW/g; SAR(10 g) = 6.63e-007 mW/g

Maximum value of SAR (measured) = 0.002 mW/g



Date/Time: 2007/6/21 21:27:09

Test Laboratory: Advance Data Technology

Co-located-Left Head-CDMA850-Ch1013+BT-Ch39-Mode 20

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz Frequency: 2441 MHz

Communication System: CDMA Communication System: Bluetooth ; Frequency: 824.7 MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used: $f = 824.7$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³ Medium parameters used: $f = 2441$ MHz; $\sigma = 1.85$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³ ; Liquid level: 154 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76)ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 1.28 mW/g

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

Reference Value = 36.8 V/m

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.704 mW/g

Maximum value of SAR (measured) = 1.36 mW/g

Touch position - Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

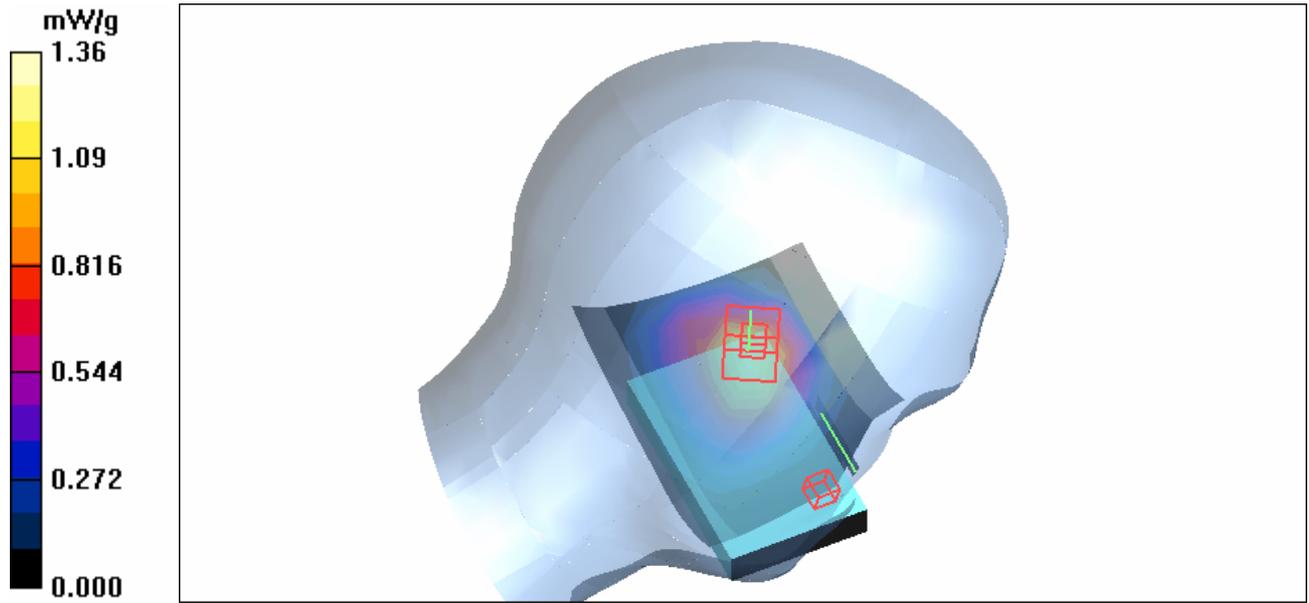
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.468 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000496 mW/g; SAR(10 g) = 5.89e-005 mW/g

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



Test Laboratory: Advance Data Technology

Co-located-Left Head-CDMA1900-Ch1175+BT-Ch39-Mode 21

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz Frequency: 2441 MHz

Communication System: CDMA Communication System: Bluetooth ; Frequency: 1908.75

MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium: HSL2450 Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³ Medium parameters used: $f = 2441$ MHz; $\sigma = 1.85$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76)ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.841 mW/g

Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 23.0 V/m

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.910 mW/g; SAR(10 g) = 0.492 mW/g

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

Touch position - Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

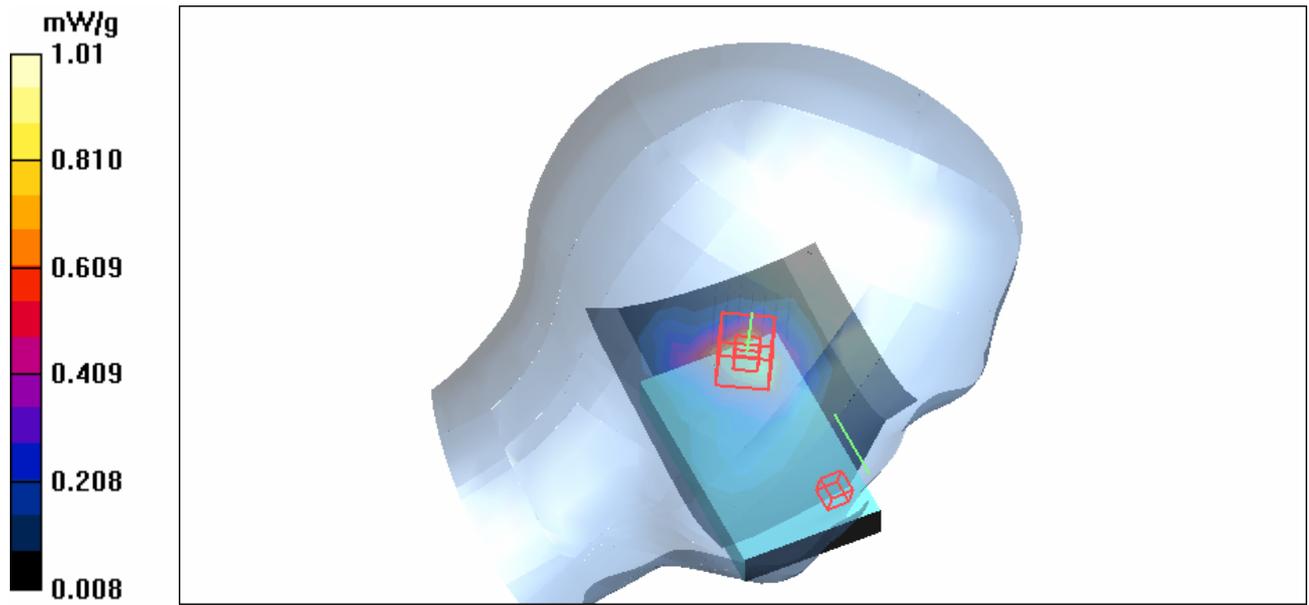
dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.468 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000496 mW/g; SAR(10 g) = 5.89e-005 mW/g

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



Date/Time: 2007/6/25 10:35:12

Test Laboratory: Advance Data Technology

Co-located-Body Worn-CDMA850-Ch1013+BT-Ch39-Mode 22

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz Frequency: 2441 MHz

Communication System: CDMA Communication System: Bluetooth ; Frequency: 824.7 MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium: MSL2450 Medium parameters used: $f = 824.7 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.9$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.93 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 153 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.492 mW/g

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

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.324 mW/g

Maximum value of SAR (measured) = 0.493 mW/g

Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

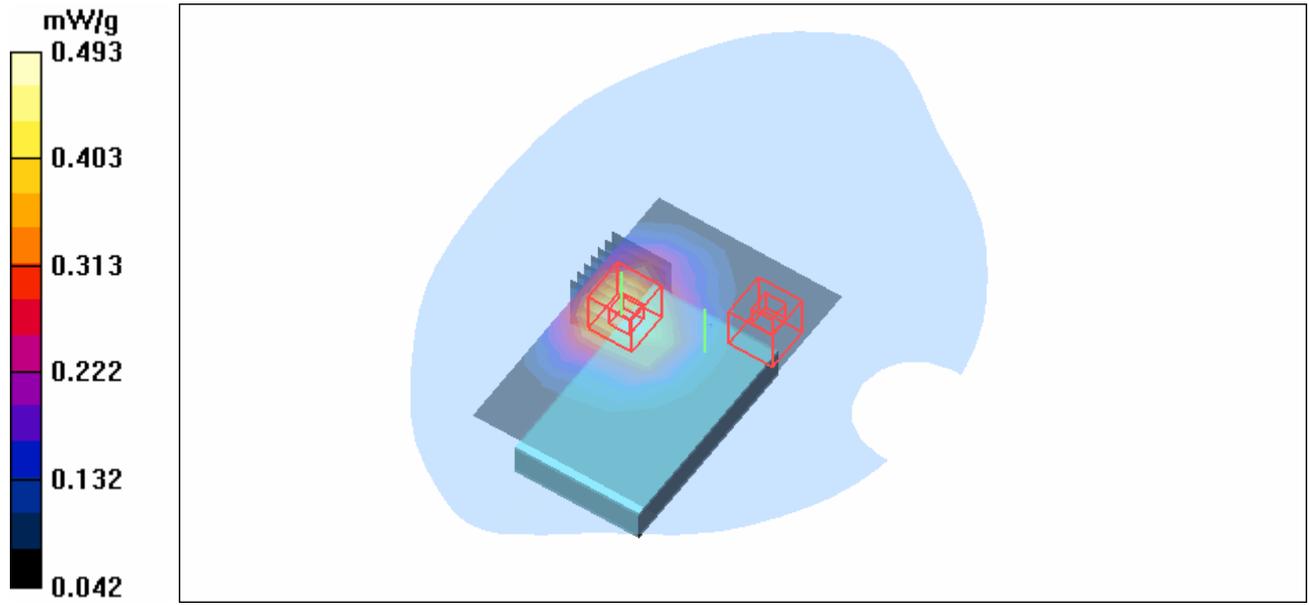
Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.321 V/m

Peak SAR (extrapolated) = 0.003 W/kg

SAR(1 g) = 2.15e-005 mW/g; SAR(10 g) = 5.65e-006 mW/g

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



Test Laboratory: Advance Data Technology

Co-located-Body Worn-CDMA1900-Ch1175+BT-Ch39-Mode 23

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz Frequency: 2441 MHz

Communication System: CDMA1900 Communication System: Bluetooth ; Frequency: 1908.75

MHz Frequency: 2441 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium: MSL2450 Medium parameters used: $f = 1908.75$ MHz; $\sigma = 1.59$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³ Medium parameters used: $f = 2441$ MHz; $\sigma = 1.93$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 22.8 degrees ; Liquid Temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (measured) = 0.201 mW/g

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

Reference Value = 8.53 V/m

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.139 mW/g

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

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

Reference Value = 9.07 V/m

Peak SAR (extrapolated) = 0.252 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.173 mW/g

Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.001 mW/g

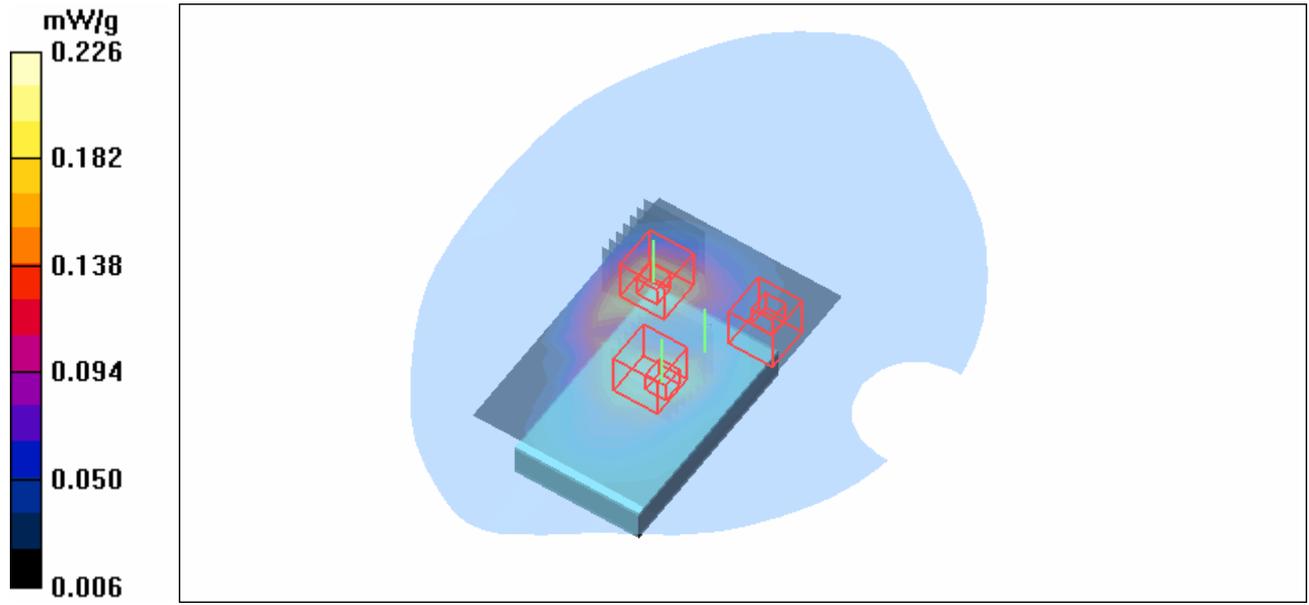
Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.321 V/m

Peak SAR (extrapolated) = 0.003 W/kg

SAR(1 g) = 2.15e-005 mW/g; SAR(10 g) = 5.65e-006 mW/g

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



Test Laboratory: Advance Data Technology

System Validation Check-HSL 835MHz

DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz

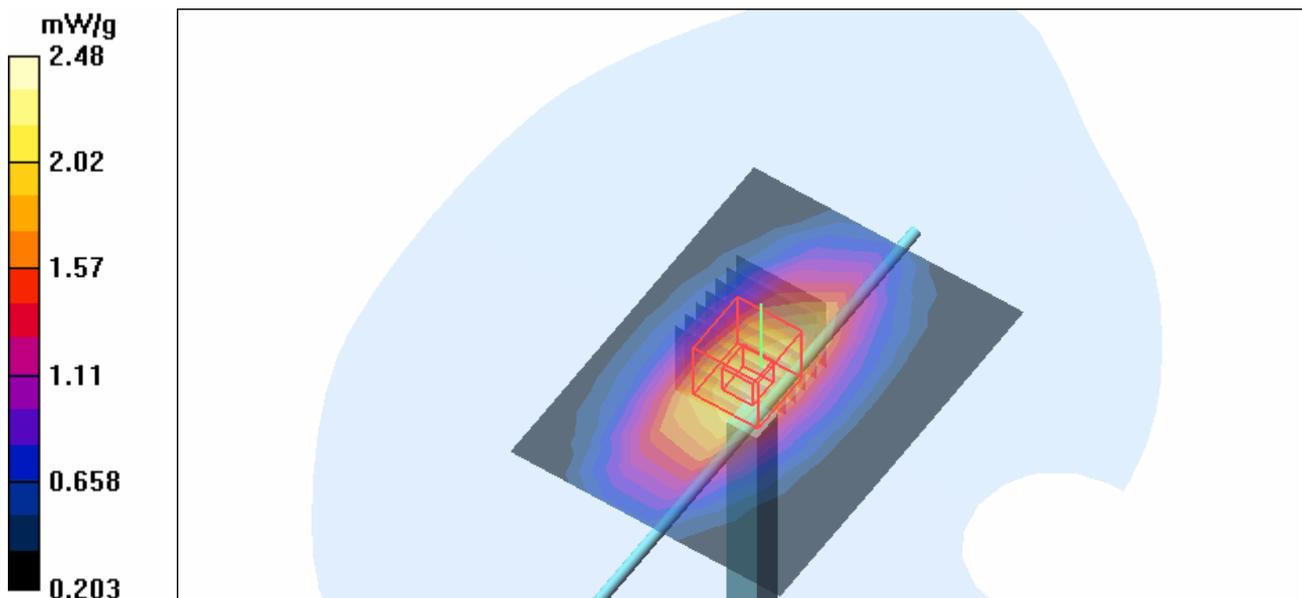
Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 152 mm
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 23.1 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.33 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 53.9 V/m; Power Drift = -0.106 dB
 Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 2.3 mW/g; SAR(10 g) = 1.48 mW/g
 Maximum value of SAR (measured) = 2.48 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-MSL 835MHz

DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.8$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 153 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.8 degrees ; Liquid temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.17 mW/g

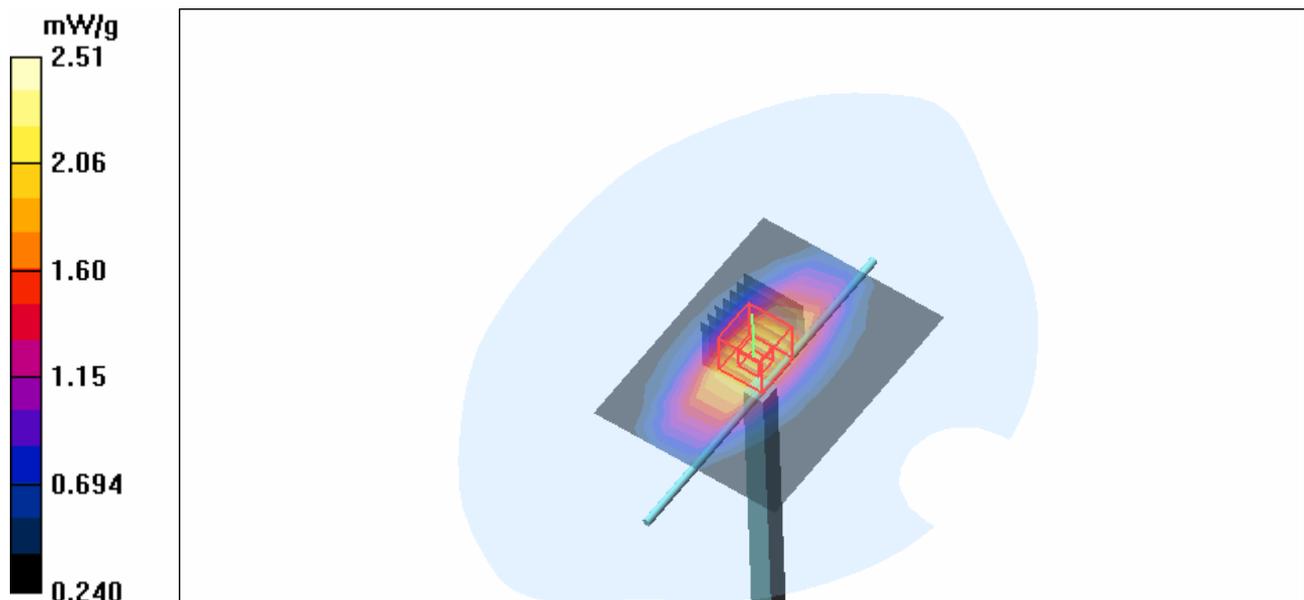
d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.2 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 2.31 mW/g; SAR(10 g) = 1.54 mW/g

Maximum value of SAR (measured) = 2.51 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-HSL 1900MHz

DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d022 ; Test Frequency: 1900 MHz

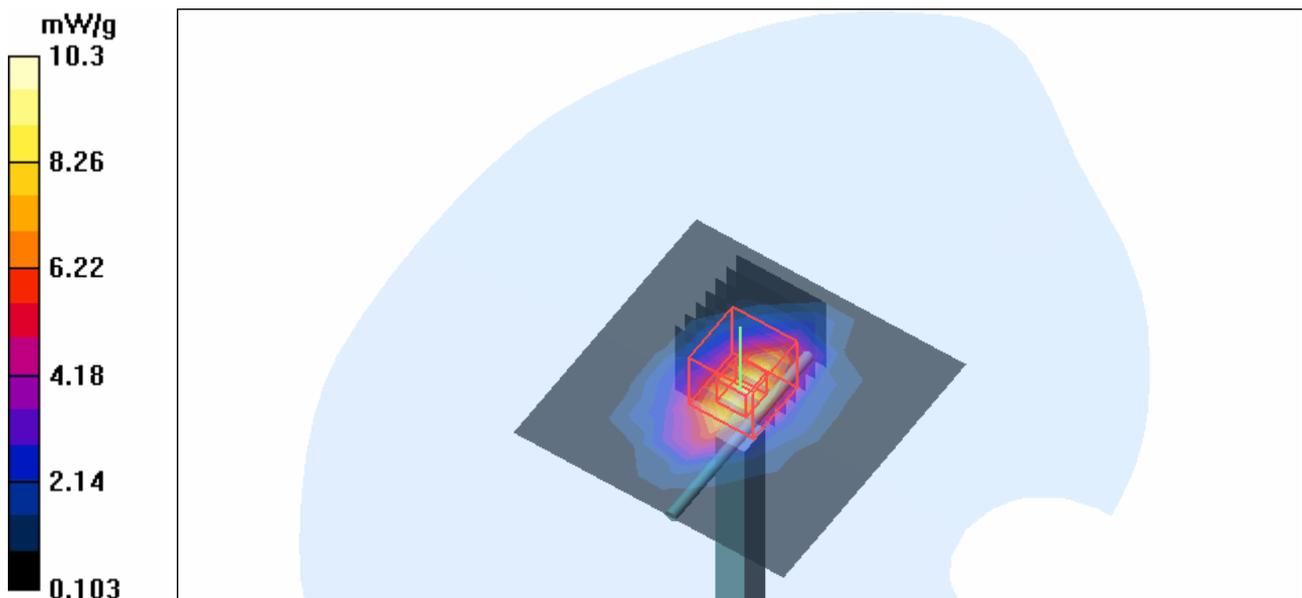
Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.45$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³ ;
 Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.4 degrees ; Liquid temp. : 22.2 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 10.1 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 89.9 V/m; Power Drift = -0.047 dB
 Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.1 mW/g; SAR(10 g) = 4.81 mW/g
 Maximum value of SAR (measured) = 10.3 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-MSL 1900MHz

DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d022 ; Test Frequency: 1900 MHz

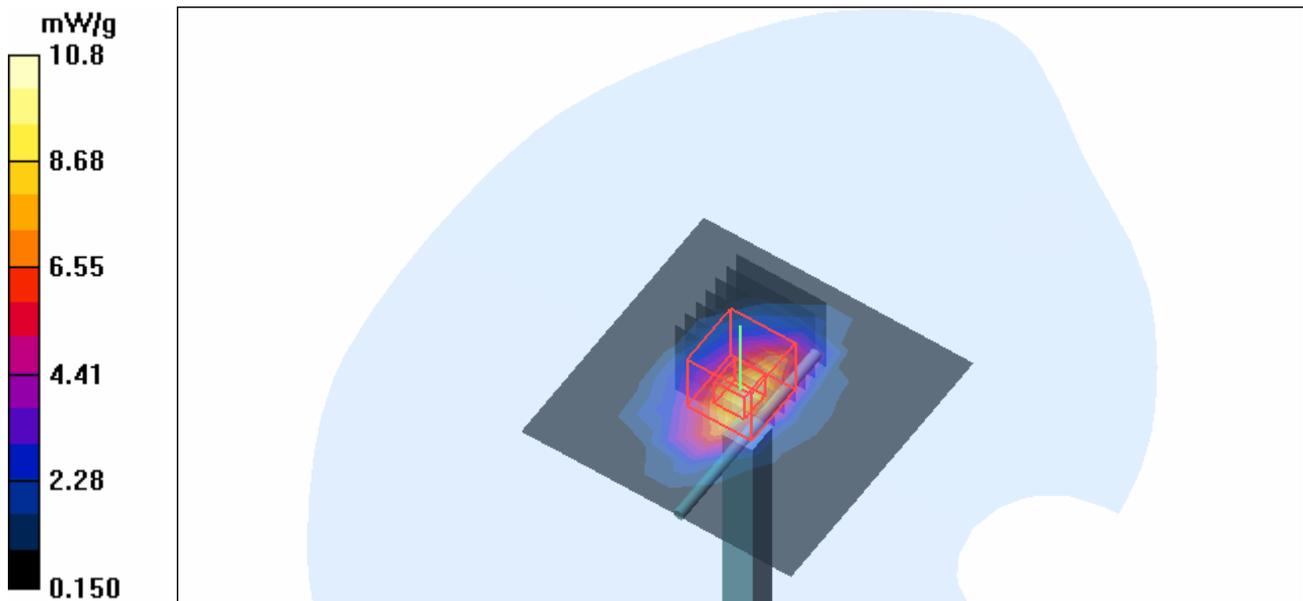
Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL1900; Medium parameters used: $f = 1900$ MHz; $\sigma = 1.58$ mho/m; $\epsilon_r = 53.9$; $\rho = 1000$ kg/m³ ; Liquid level : 152 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) =10.3 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 85.3 V/m; Power Drift = -0.054 dB
 Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.52 mW/g; SAR(10 g) = 4.99 mW/g
 Maximum value of SAR (measured) = 10.8 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL2450; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³ ;
 Liquid level : 154 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 15.3 mW/g

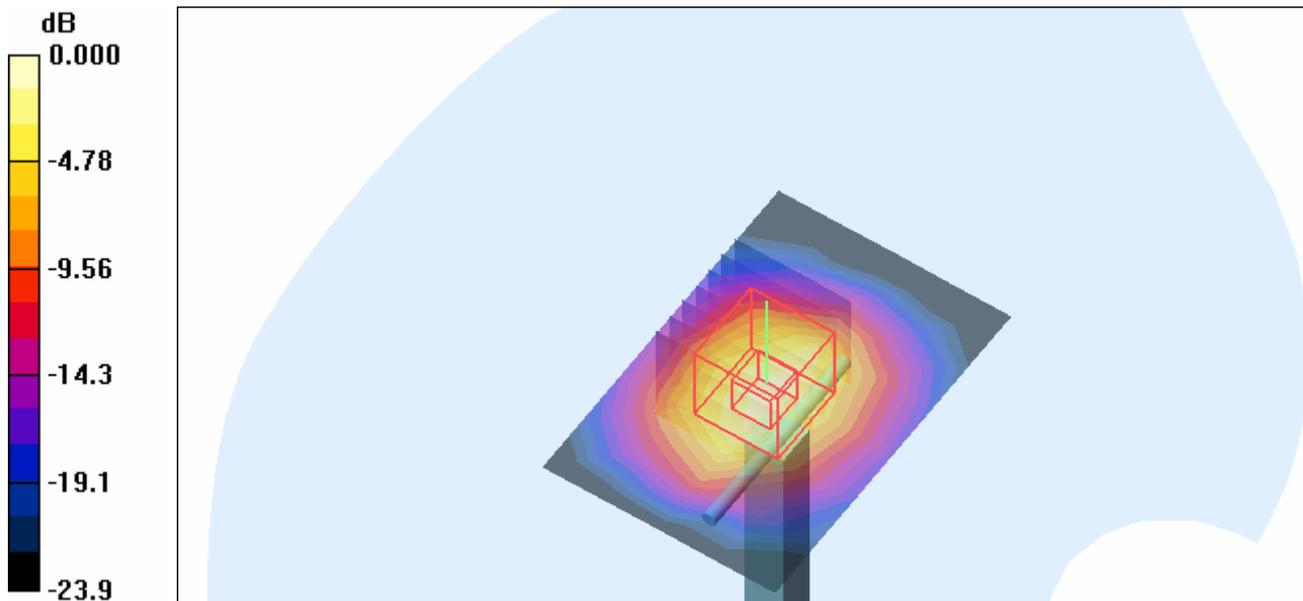
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.6 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 30.7 W/kg

SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.1 mW/g

Maximum value of SAR (measured) = 14.6 mW/g



Test Laboratory: Advance Data Technology

System Validation Check-MSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; 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; $\sigma = 1.94$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³ ; Liquid level : 151 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.1 degrees ; Liquid temp. : 21.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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 = 88.4 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 29.8 W/kg

SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.83 mW/g

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

