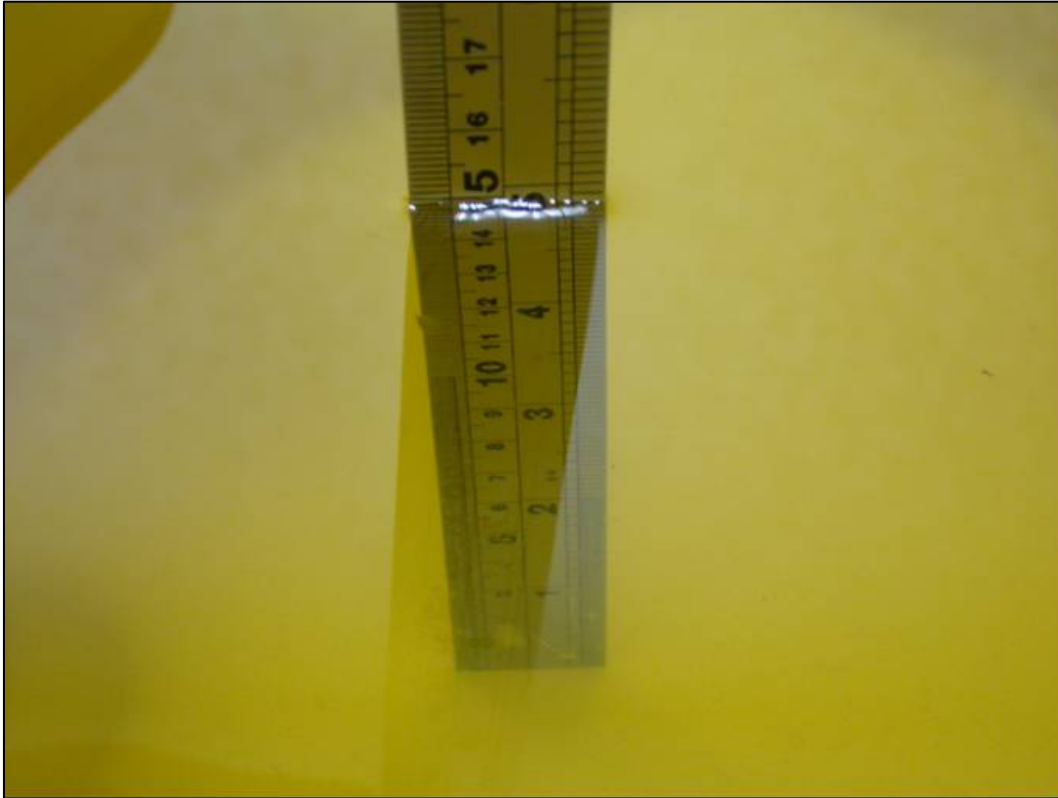


APPENDIX A: TEST DATA

Liquid Level Photo

HSL 835MHz D=150mm



MSL 835MHz D=155mm



HSL 1900MHz D=152mm



MSL 1900MHz D=151mm



HSL 2450MHz D=151mm



MSL 2450MHz D=155mm



Test Laboratory: Advance Data Technology

Right Head-Cheek-GSM850-Ch128-Mode 1

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 824.2 MHz

Communication System: PCS 850 ; Frequency: 824.2 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 128/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.630 mW/g

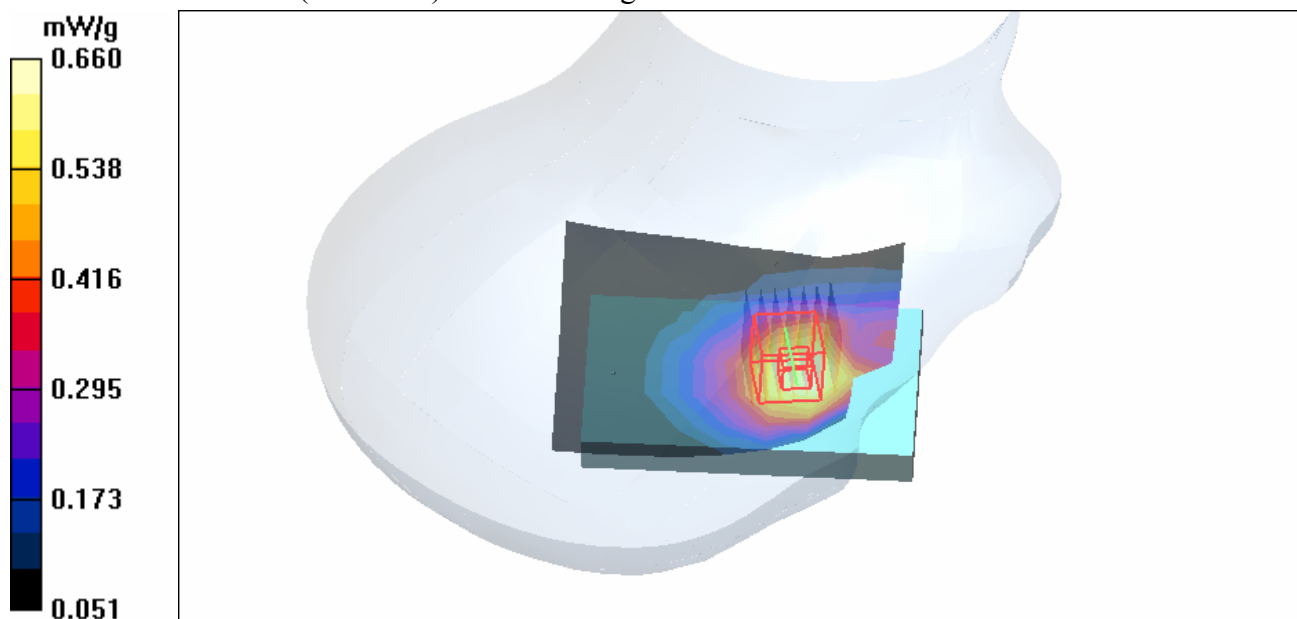
Touch position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.80 V/m

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.618 mW/g; SAR(10 g) = 0.445 mW/g

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



Test Laboratory: Advance Data Technology

Right Head-Cheek-GSM850-Ch190-Mode 1

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.6 MHz

Communication System: PCS 850 ; Frequency: 836.6 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.892 mW/g

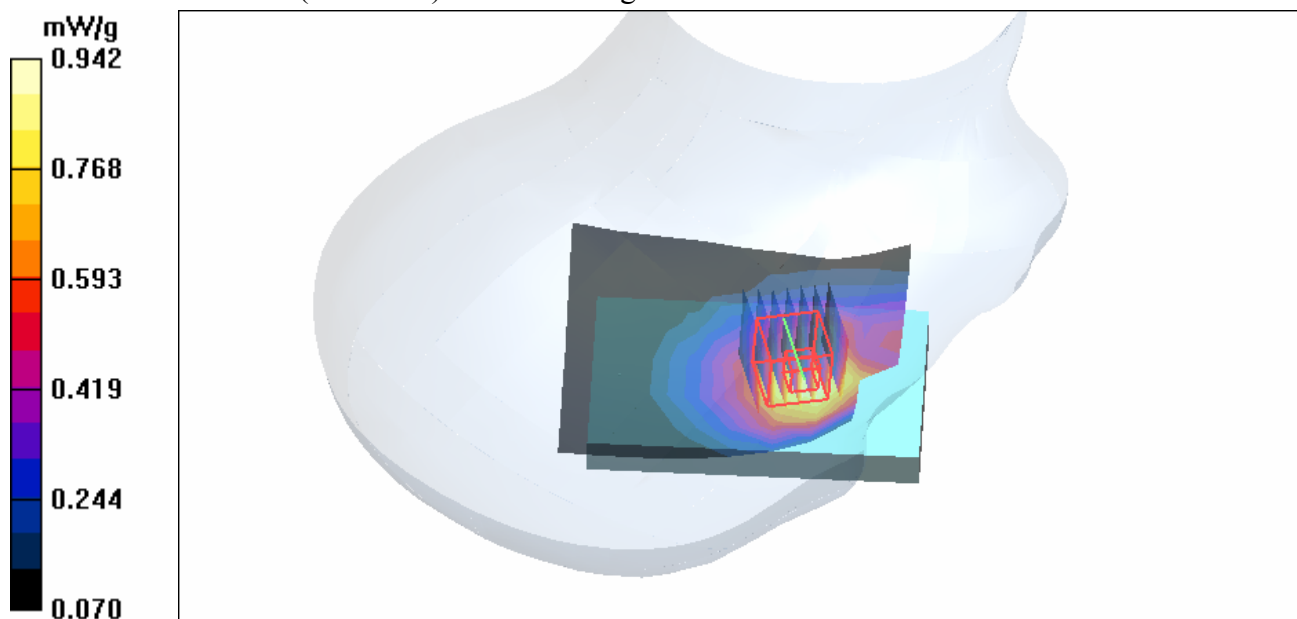
Touch position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.35 V/m

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.636 mW/g

Maximum value of SAR (measured) = 0.942 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-GSM850-Ch251-Mode 1

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.972 mW/g

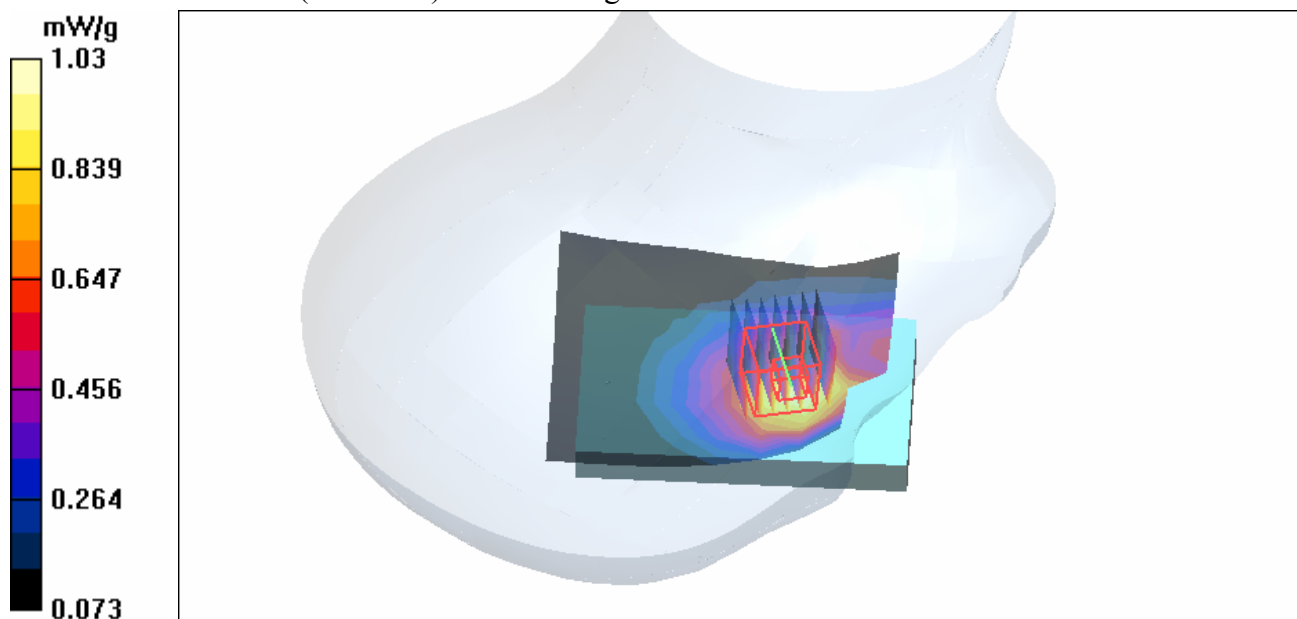
Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.61 V/m

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.694 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-GSM850-Ch128-Mode 2

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 824.2 MHz

Communication System: PCS 850 ; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 128/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.196 mW/g

Tilt position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

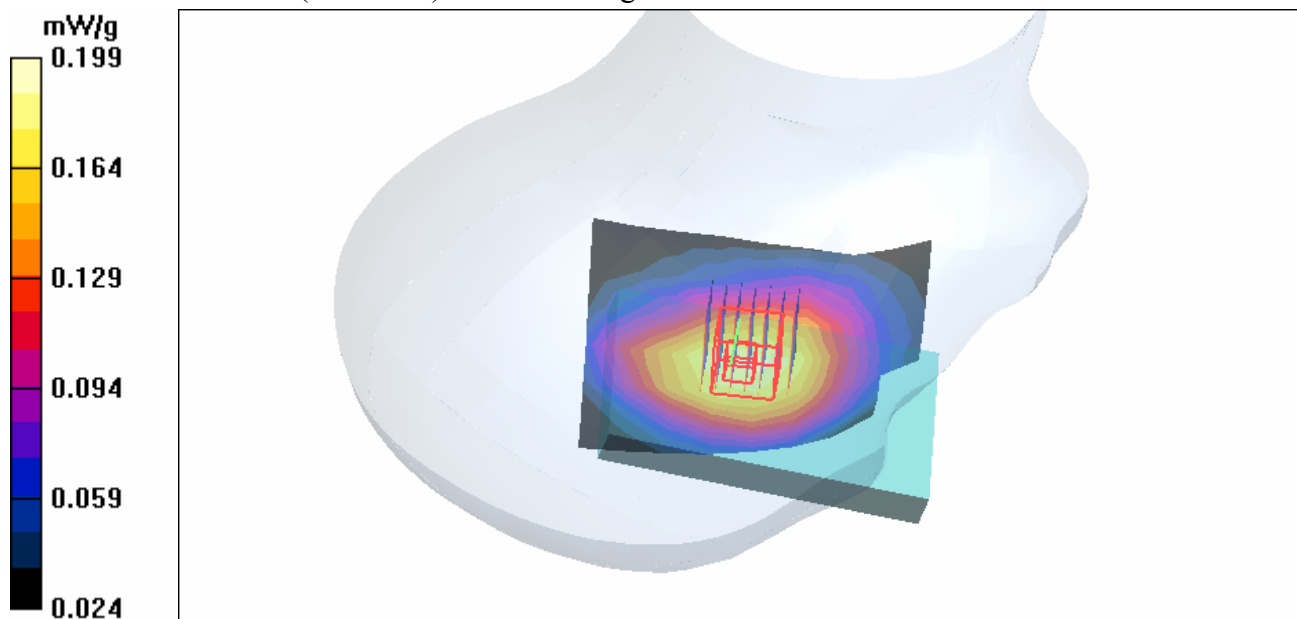
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m

Peak SAR (extrapolated) = 0.231 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.199 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-GSM850-Ch190-Mode 2

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.6 MHz

Communication System: PCS 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

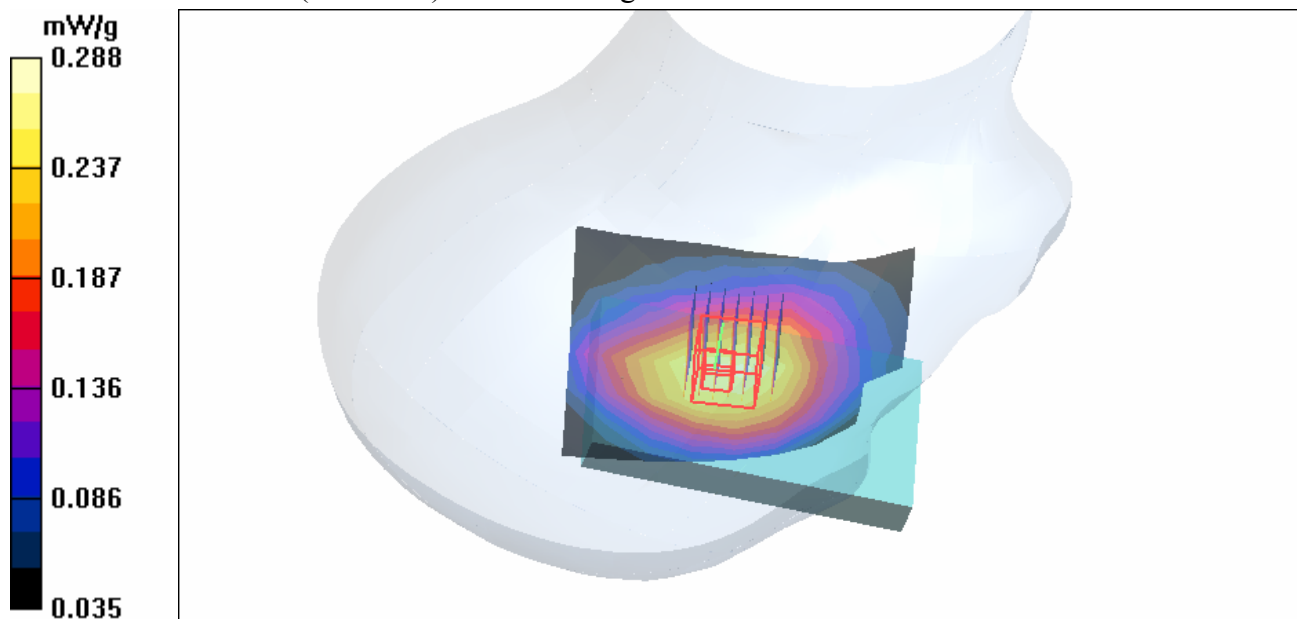
dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.288 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-GSM850-Ch251-Mode 2

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.323 mW/g

Tilt position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

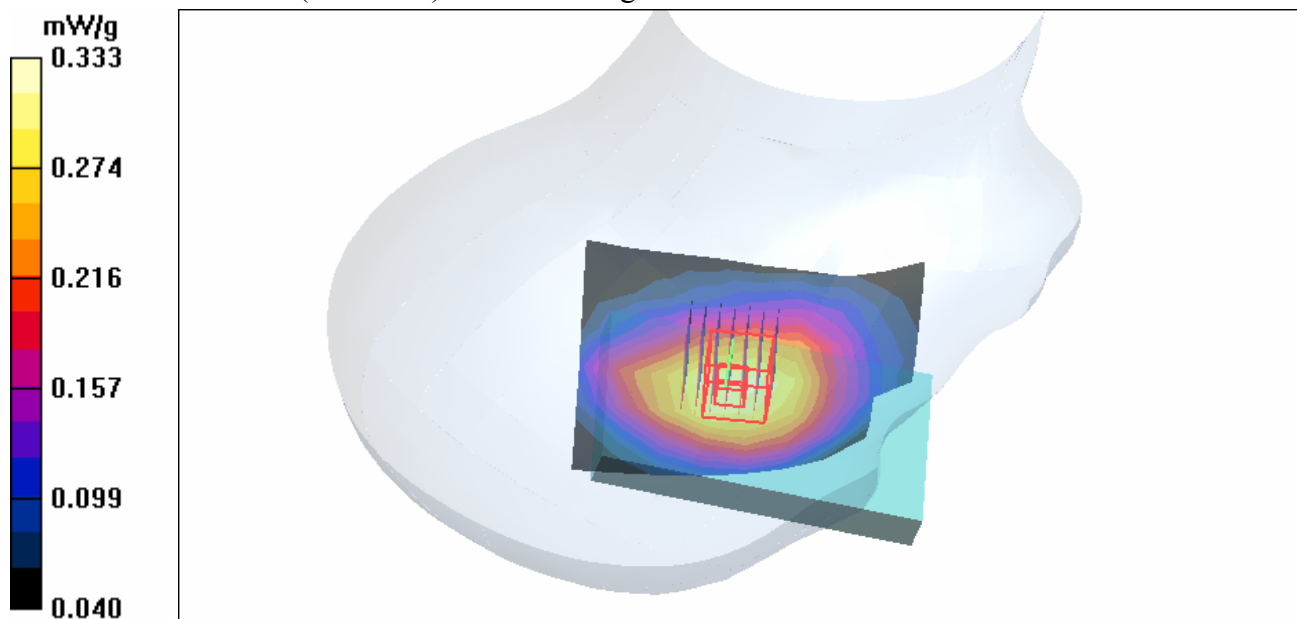
dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.2 V/m

Peak SAR (extrapolated) = 0.403 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.238 mW/g

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



Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-Ch128-Mode 3

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 824.2 MHz

Communication System: PCS 850 ; Frequency: 824.2 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 128/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

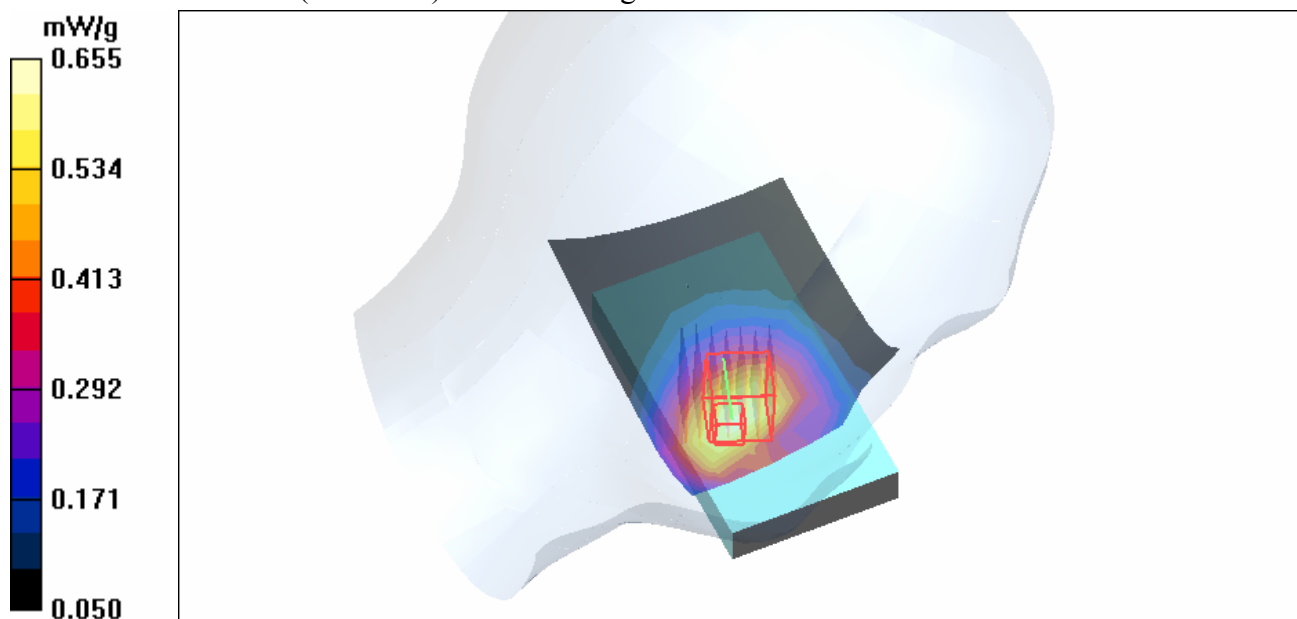
Touch position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.95 V/m

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.609 mW/g; SAR(10 g) = 0.413 mW/g

Maximum value of SAR (measured) = 0.655 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-Ch190-Mode 3

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.6 MHz

Communication System: PCS 850 ; Frequency: 836.6 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 190/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.953 mW/g

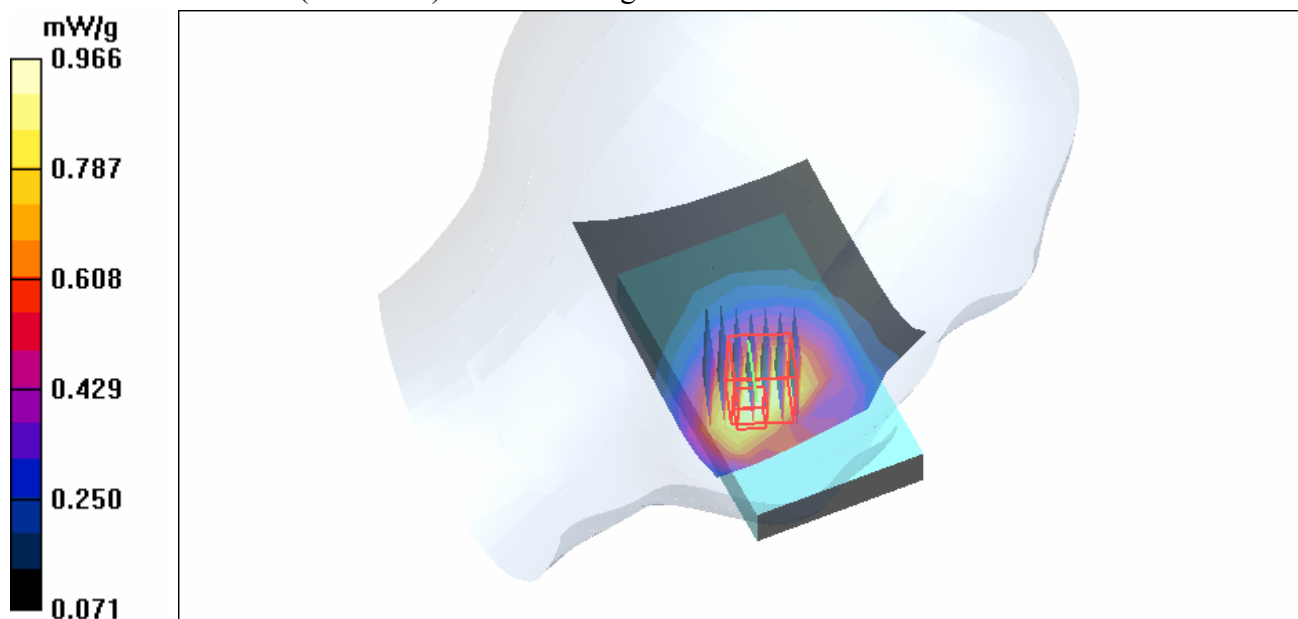
Touch position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.56 V/m

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.605 mW/g

Maximum value of SAR (measured) = 0.966 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-Ch251-Mode 3

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

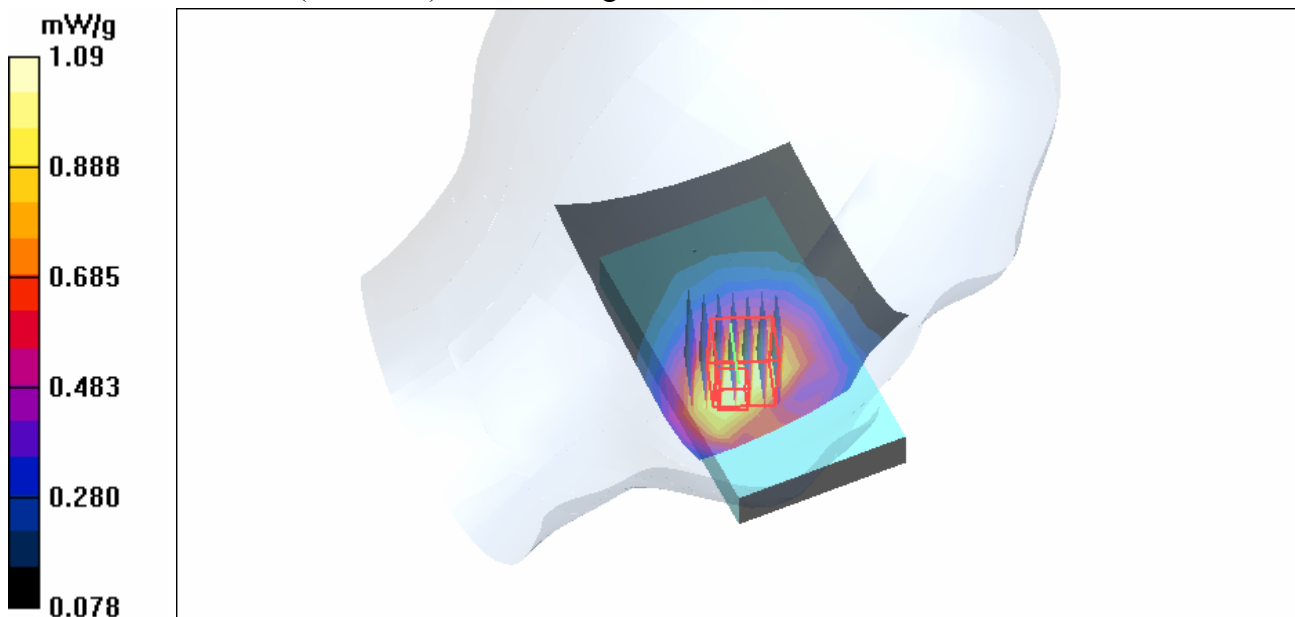
Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

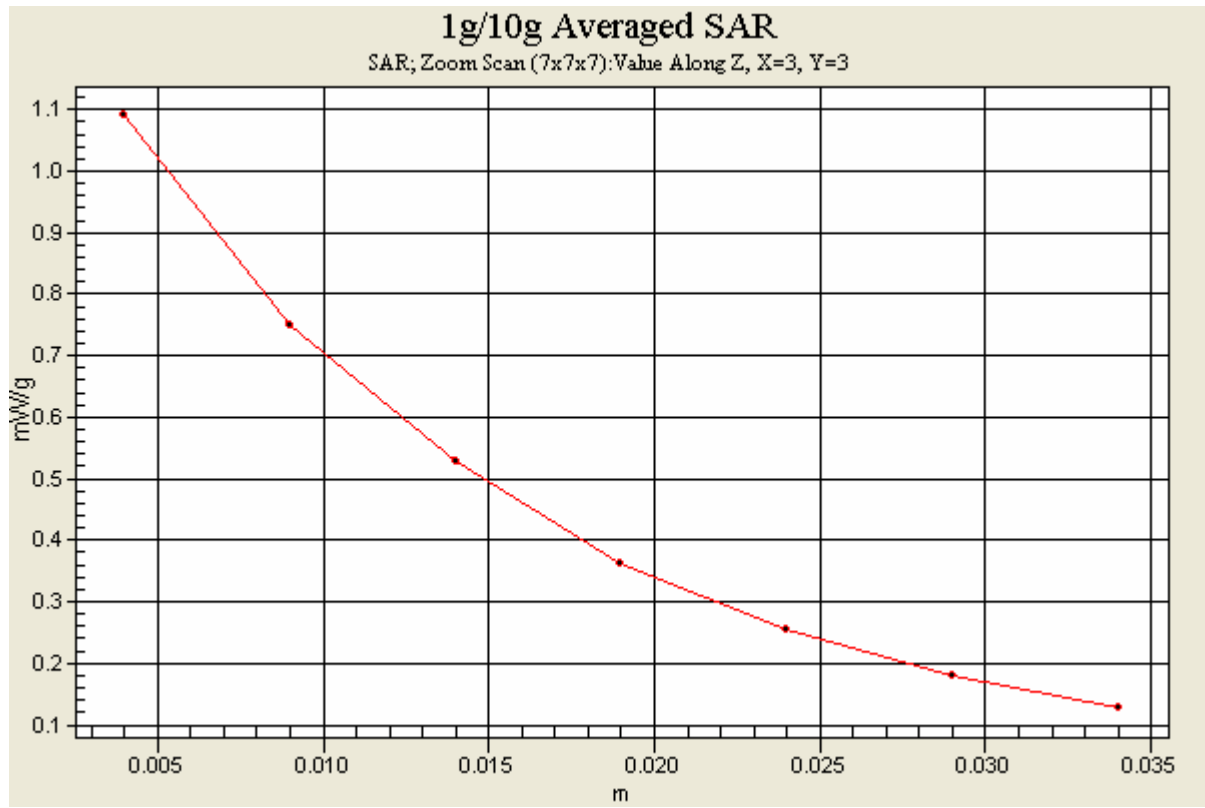
Reference Value = 9.33 V/m

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.09 mW/g





Test Laboratory: Advance Data Technology

Left Head-Tilt-GSM850-Ch128-Mode 4

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 824.2 MHz

Communication System: PCS 850 ; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 128/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.218 mW/g

Tilt position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

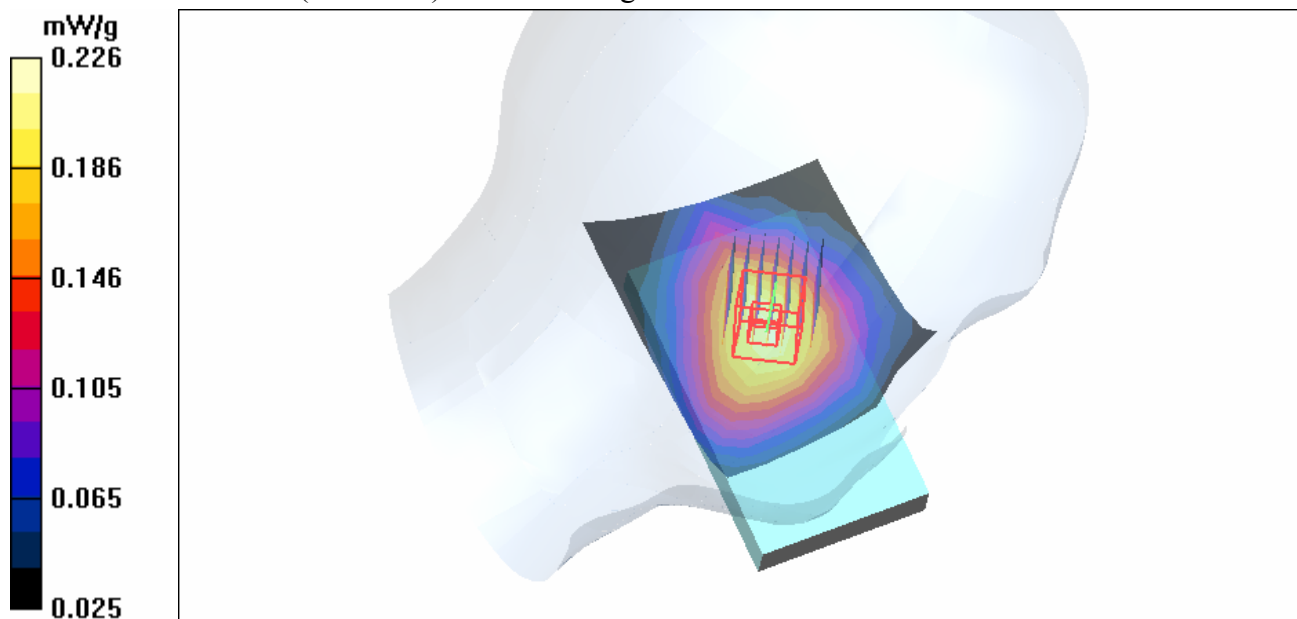
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m

Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.159 mW/g

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



Test Laboratory: Advance Data Technology

Left Head-Tilt-GSM850-Ch190-Mode 4

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.6 MHz

Communication System: PCS 850 ; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.92$ mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

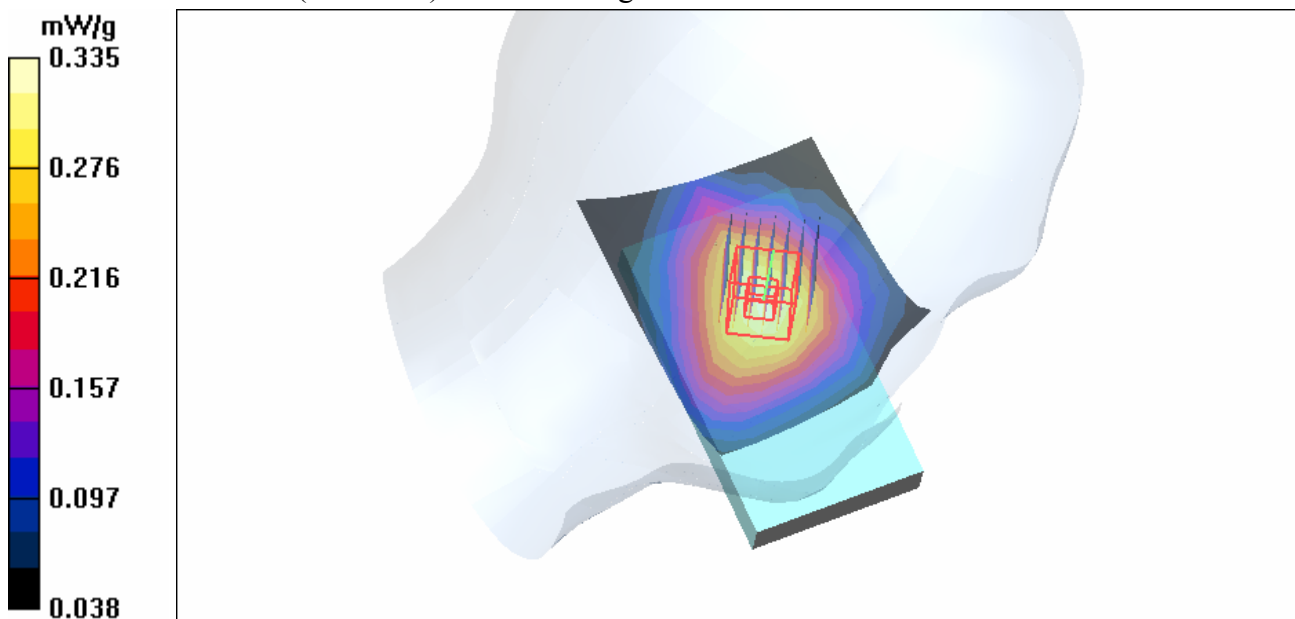
dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m

Peak SAR (extrapolated) = 0.393 W/kg

SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.335 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-GSM850-Ch251-Mode 4

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 41.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.365 mW/g

Tilt position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

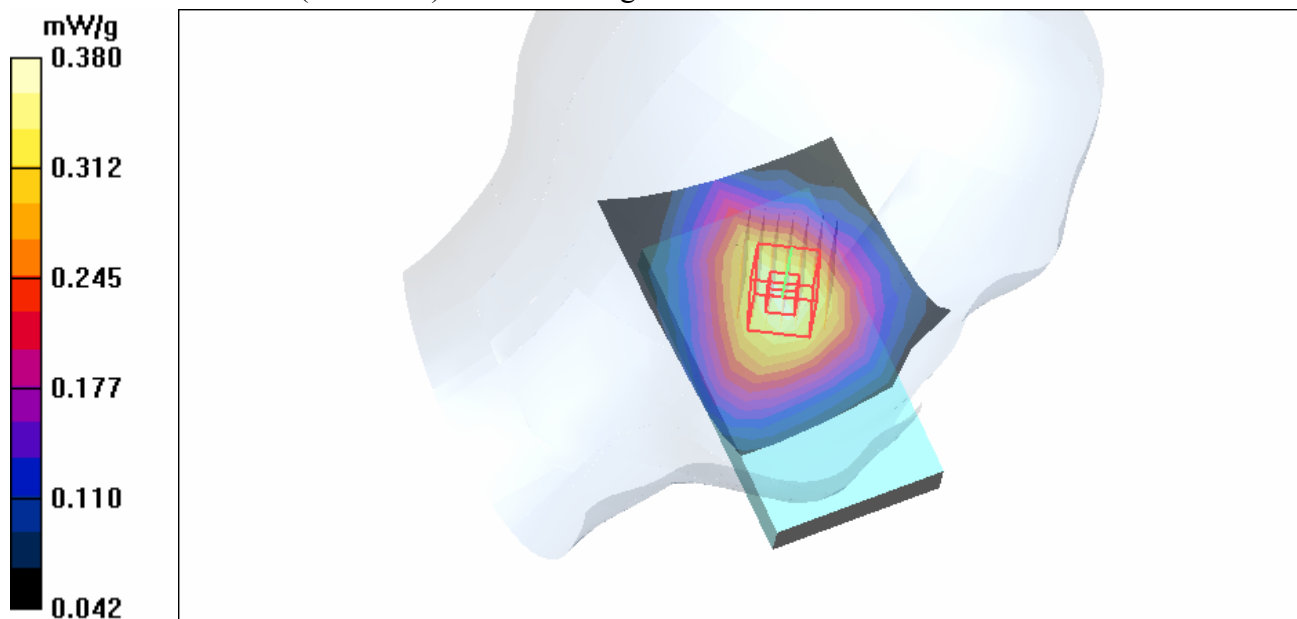
dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.4 V/m

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.380 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-Ch251-Mode 5 (Sanyo Bat.)

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 251/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

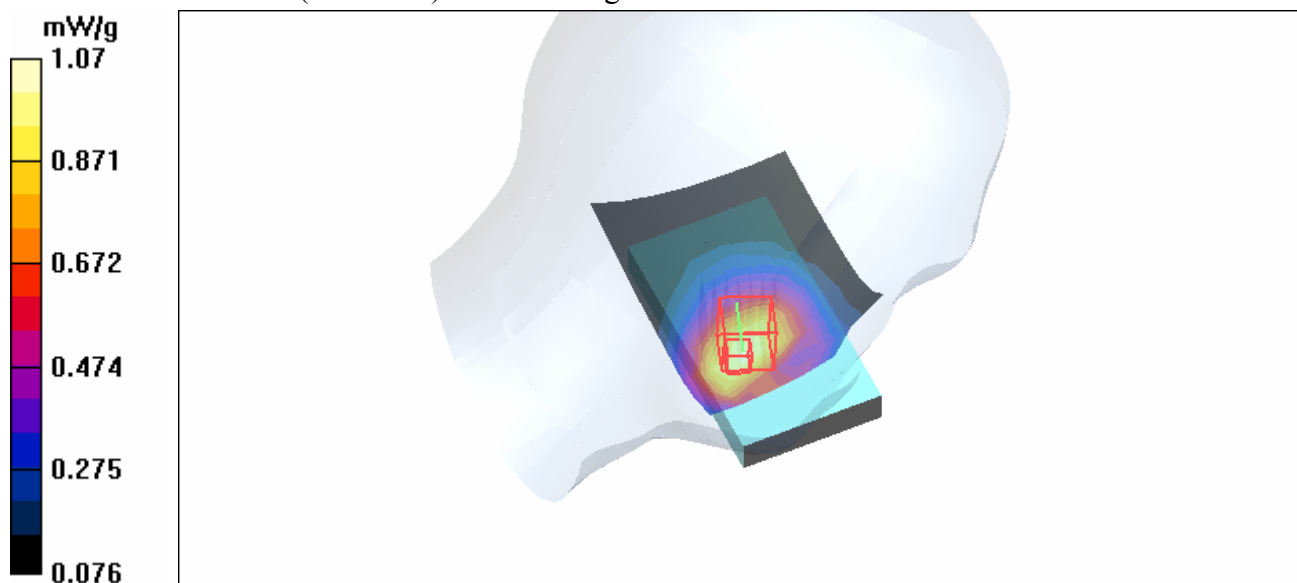
Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.02 V/m

Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.989 mW/g; SAR(10 g) = 0.666 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS850 TS2-Ch128-Mode 6

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 824.2 MHz

Communication System: PCS 850 ; Frequency: 824.2 MHz ; Duty Cycle: 1:4

Medium: MSL835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 128/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.775 mW/g

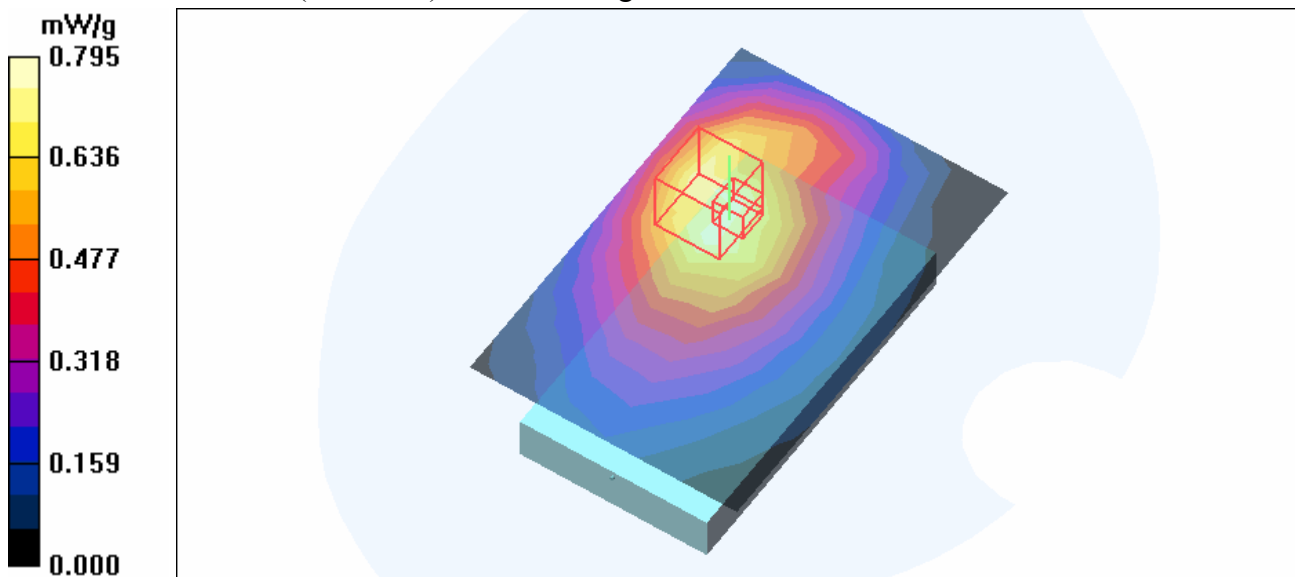
Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.7 V/m

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.375 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS850 TS2-Ch190-Mode 6

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.6 MHz

Communication System: PCS 850 ; Frequency: 836.6 MHz ; Duty Cycle: 1:4

Medium: MSL835 Medium parameters used: $f = 836.6$ MHz; $\sigma = 0.99$ mho/m; $\epsilon_r = 56.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 190/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.977 mW/g

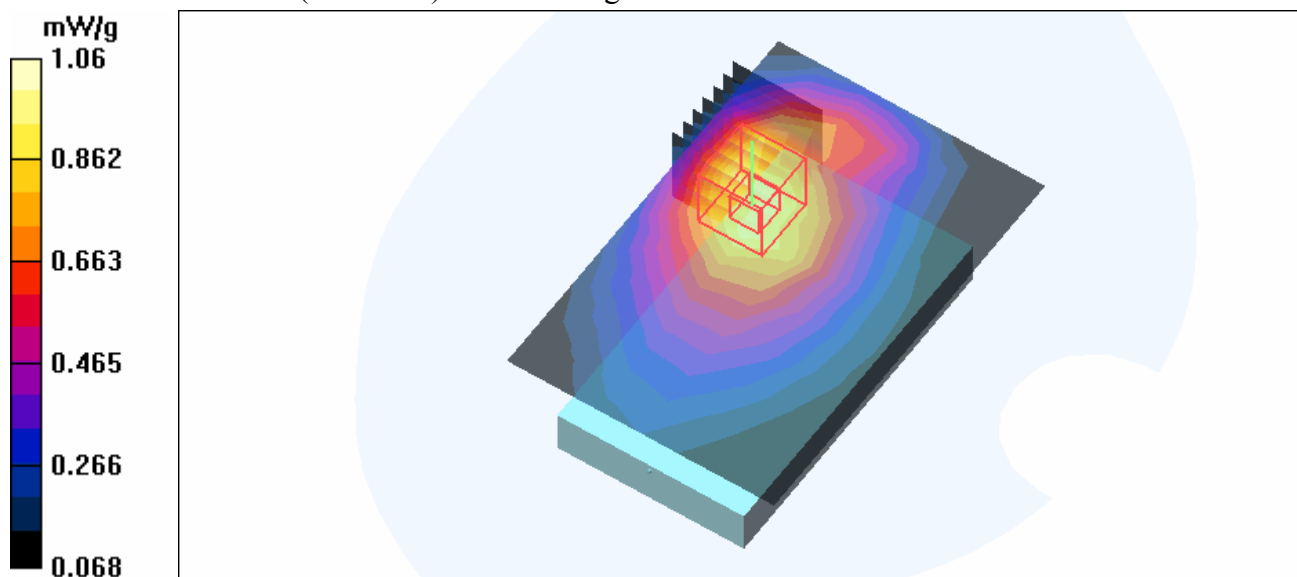
Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.8 V/m

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.680 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS850 TS2-Ch251-Mode 6

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:4
 Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
 Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
 Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.05 mW/g

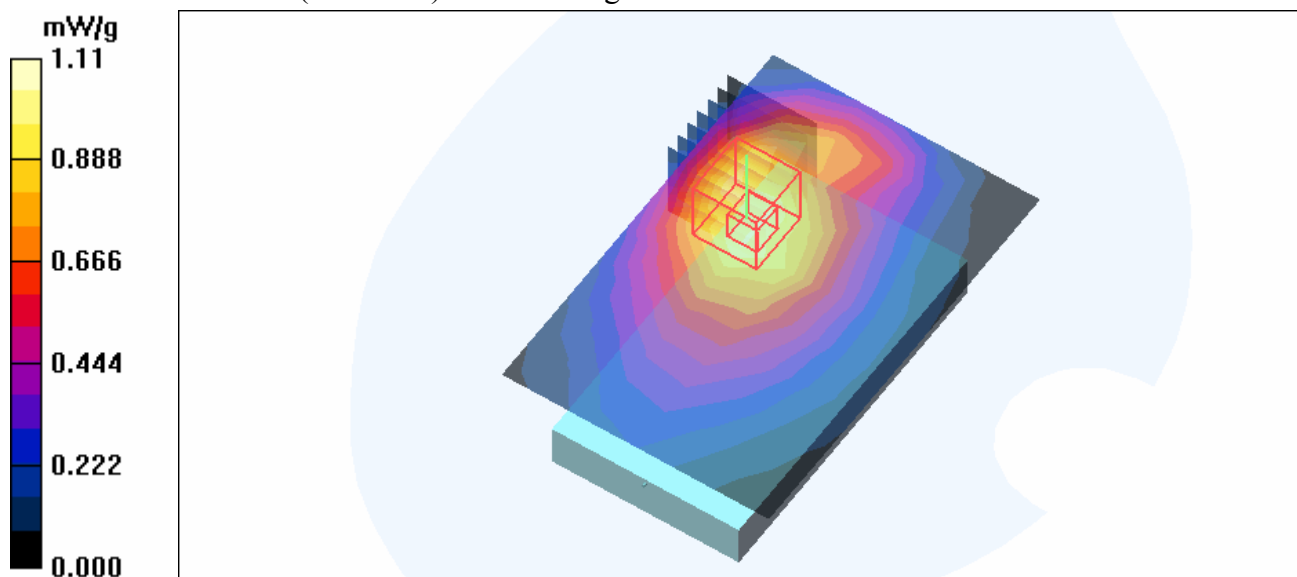
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

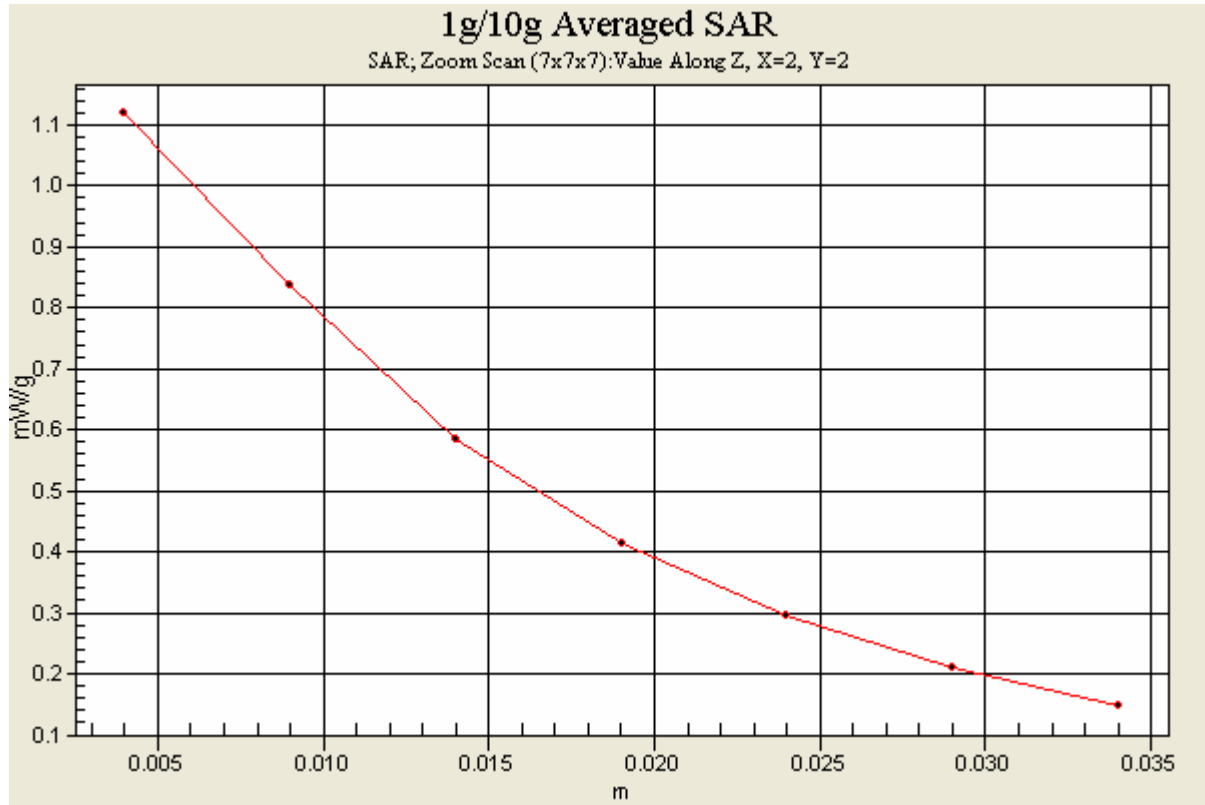
Reference Value = 32.6 V/m

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.720 mW/g

Maximum value of SAR (measured) = 1.11 mW/g





Test Laboratory: Advance Data Technology

Body Worn-LCD Up-GPRS850 TS2-Ch251-Mode 7

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:4

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.8 V/m

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.667 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

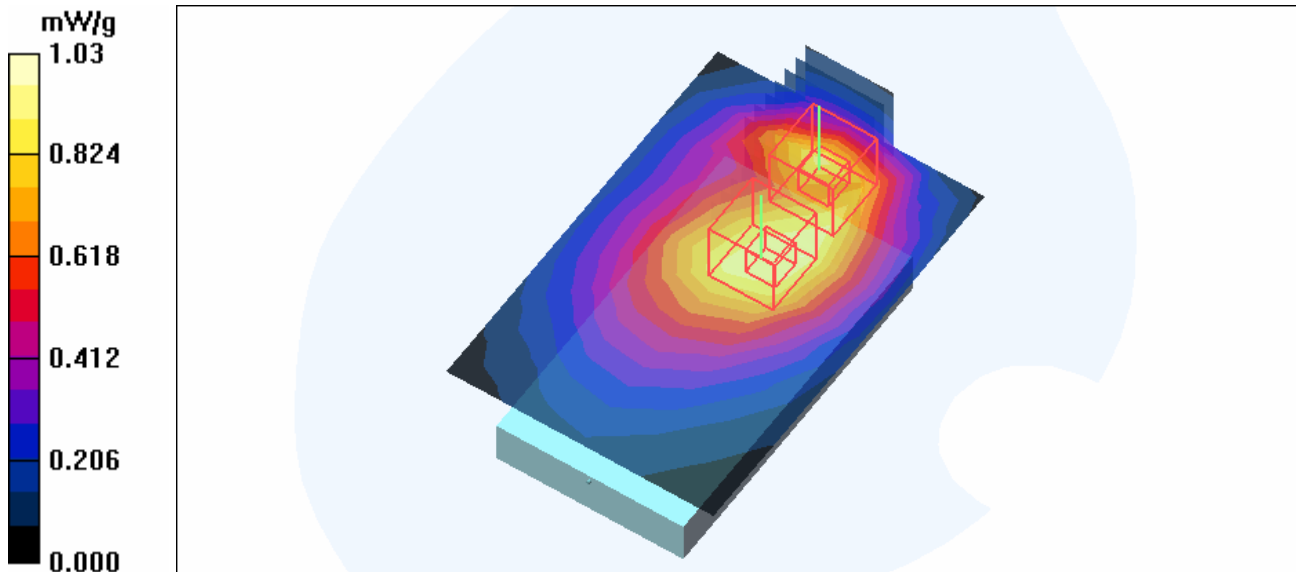
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.8 V/m

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.557 mW/g

Maximum value of SAR (measured) = 0.983 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS 850 TS1-Ch251-Mode 8

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 1 time slot
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

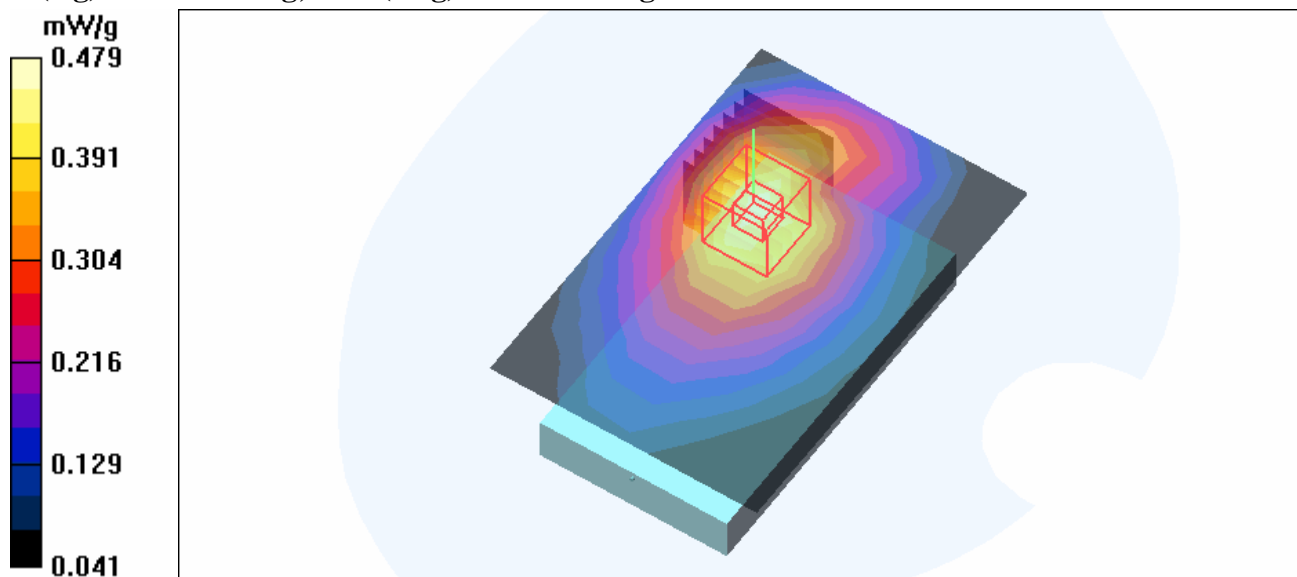
Maximum value of SAR (measured) = 0.479 mW/g

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.6 V/m

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = **0.450 mW/g**; SAR(10 g) = 0.322 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-GPRS 850 TS1-Ch251-Mode 9

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 1 time slot
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.0 V/m

Peak SAR (extrapolated) = 0.532 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.308 mW/g

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

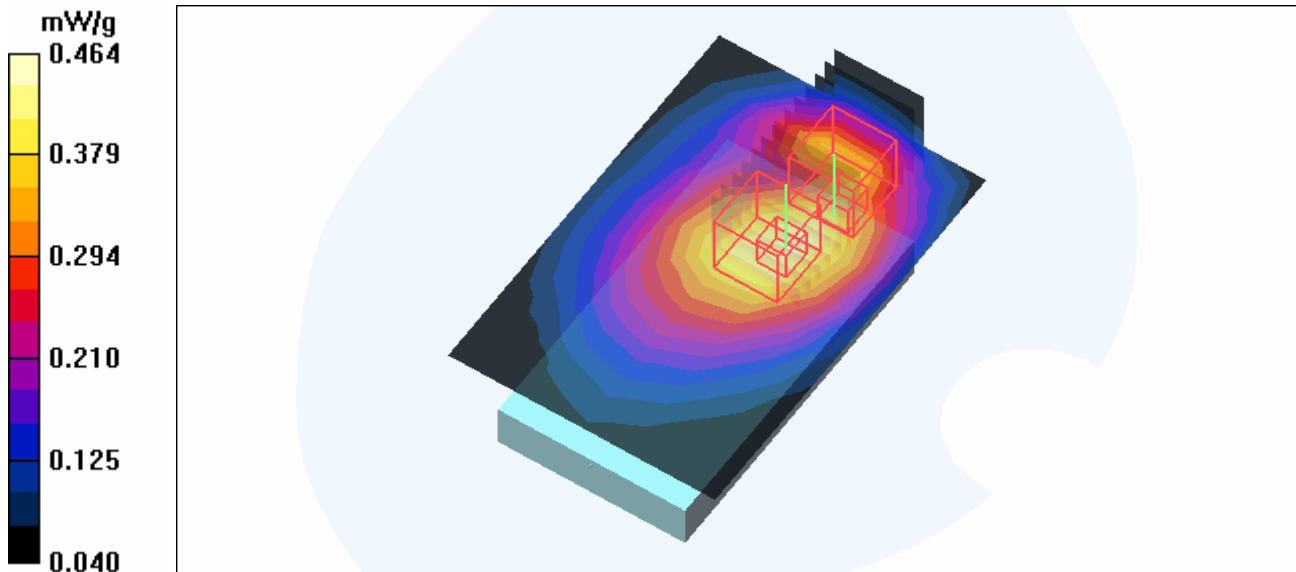
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.0 V/m

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.396 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-E-GPRS 850 TS2-Ch251-Mode 10

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:4
 Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 2 time slots
 Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
 Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.214 mW/g

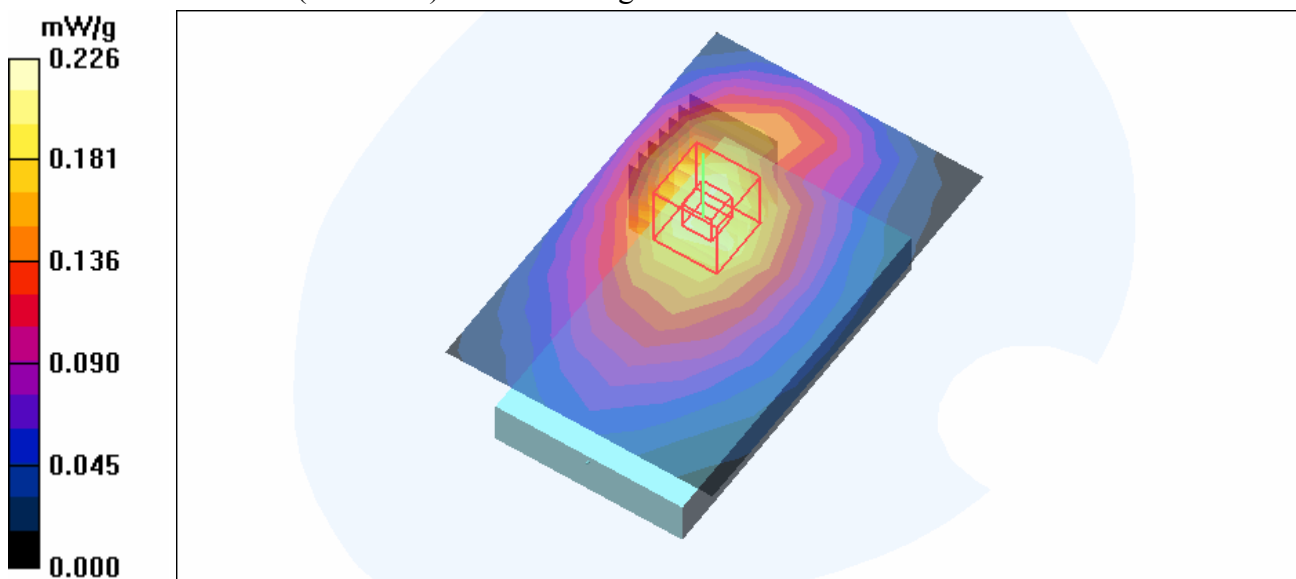
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.2 V/m

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.152 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-E-GPRS 850 TS2-Ch251-Mode 11

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:4

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 2 time slots

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.202 mW/g

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.4 V/m

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.137 mW/g

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

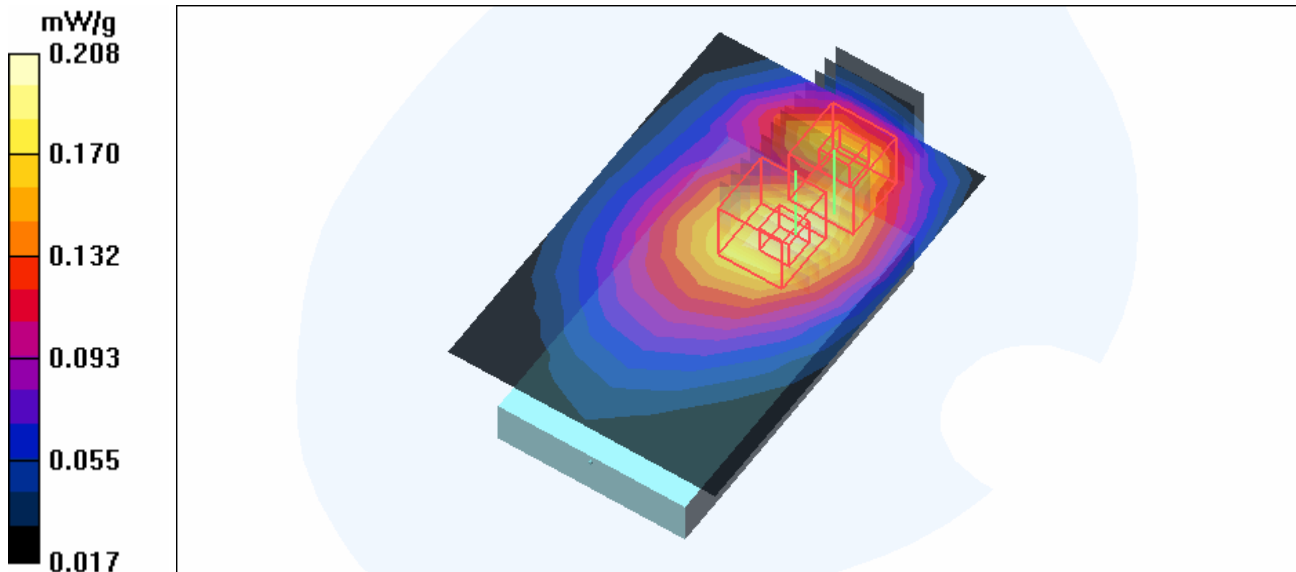
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.4 V/m

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.110 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-E-GPRS850 TS1-Ch251-Mode 12

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 1 time slot
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

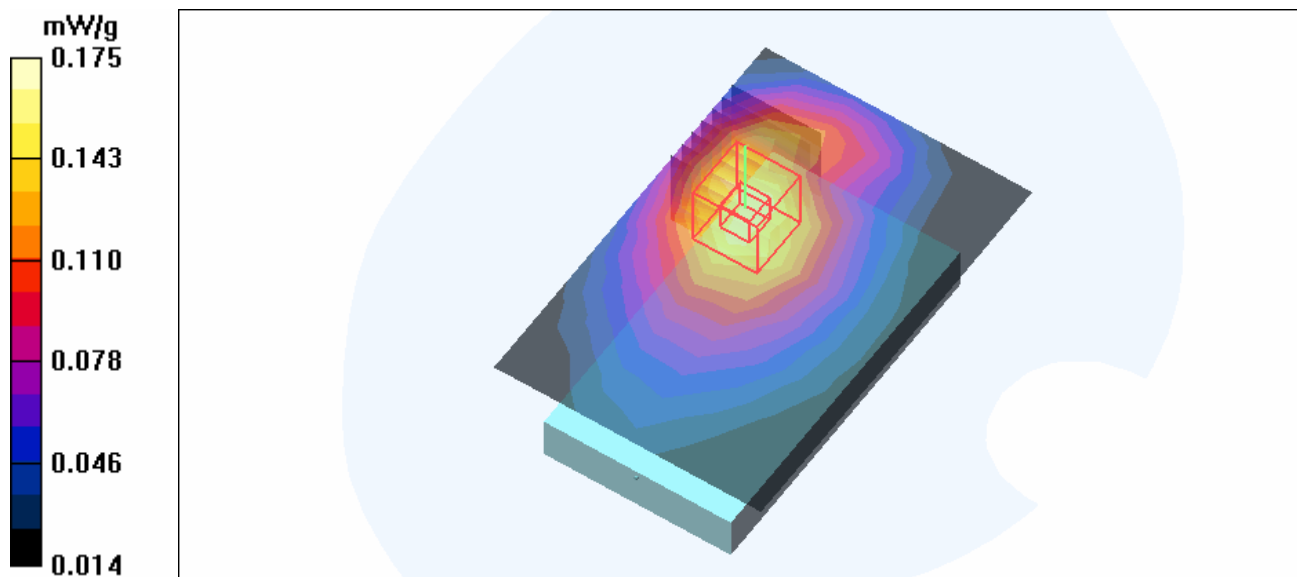
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.5 V/m

Peak SAR (extrapolated) = 0.565 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.107 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-E-GPRS850 TS1-Ch251-Mode 13

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 1 time slot
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m

Peak SAR (extrapolated) = 0.200 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.115 mW/g

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

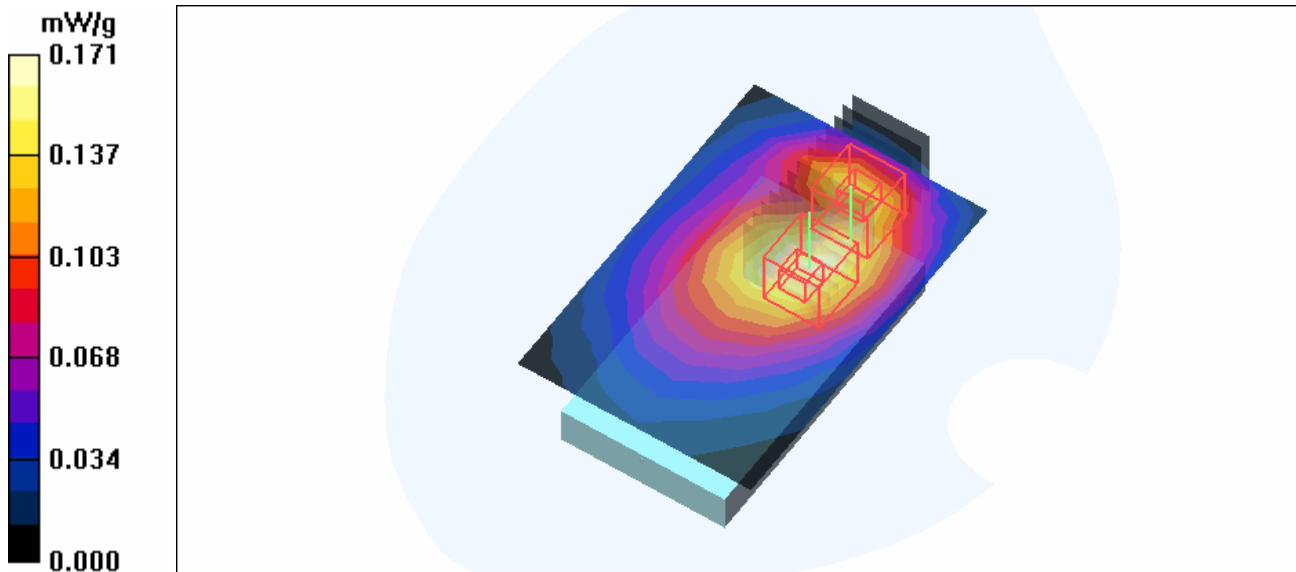
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m

Peak SAR (extrapolated) = 0.173 W/kg

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.103 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GSM850-Ch251-Mode 14

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

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

Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.520 mW/g

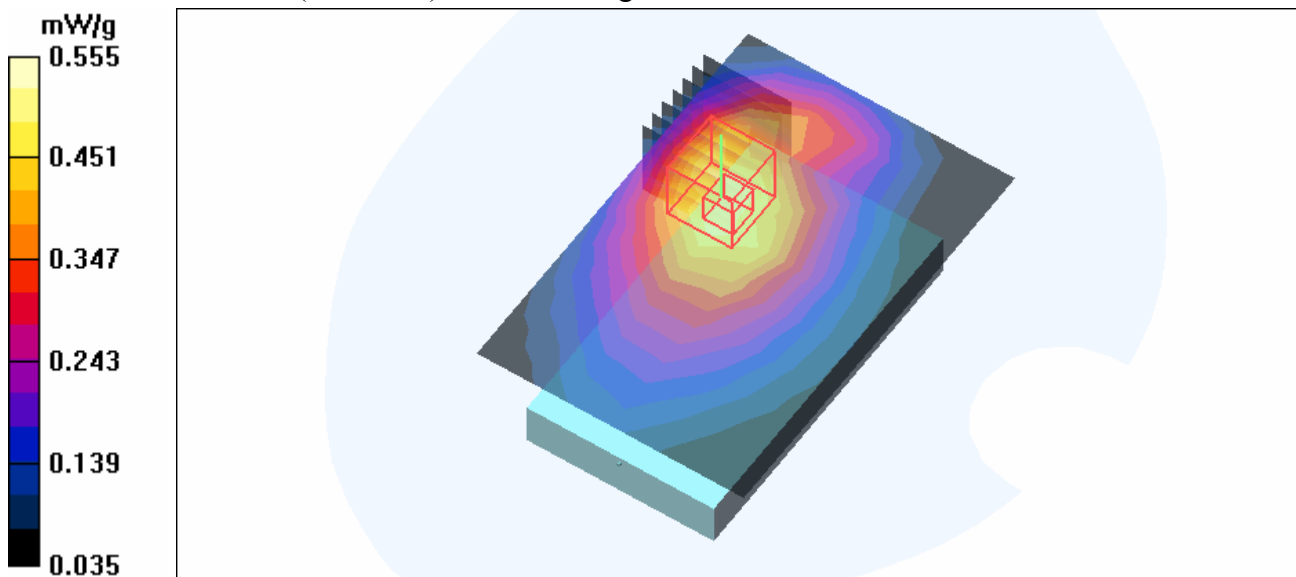
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.8 V/m

Peak SAR (extrapolated) = 0.661 W/kg

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.555 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-GSM850-Ch251-Mode 15

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHz

Communication System: PCS 850 ; Frequency: 848.8 MHz ; Duty Cycle: 1:8.3

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

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

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 251/Area Scan (7x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.2 V/m

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 0.512 mW/g

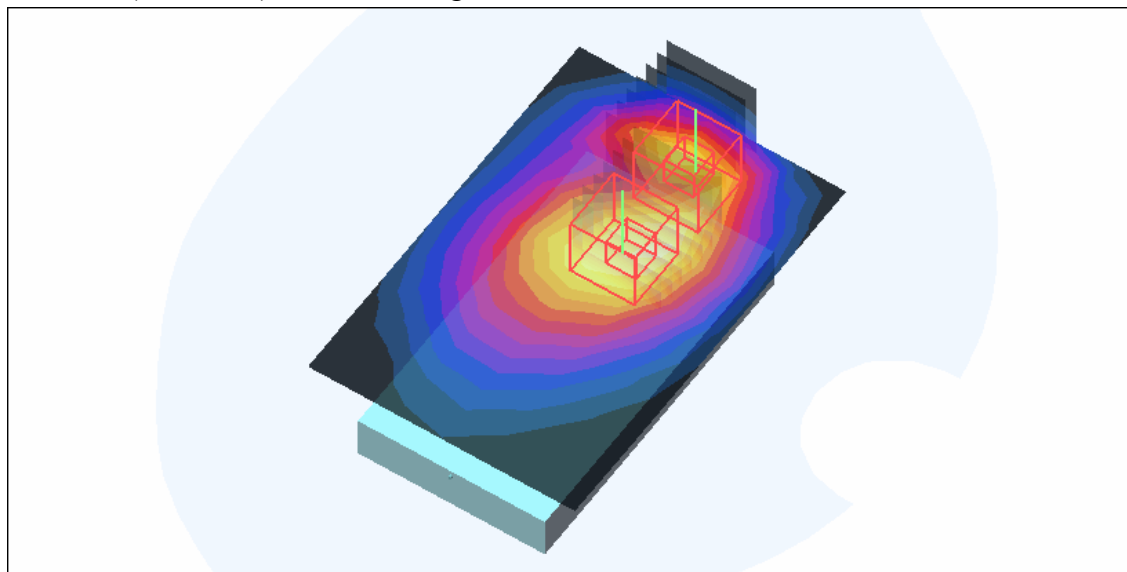
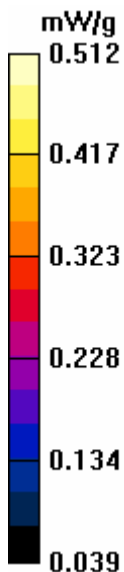
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 23.2 V/m

Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 0.458 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-PCS1900-Ch512-Mode 16

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 512/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

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

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.684 mW/g

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

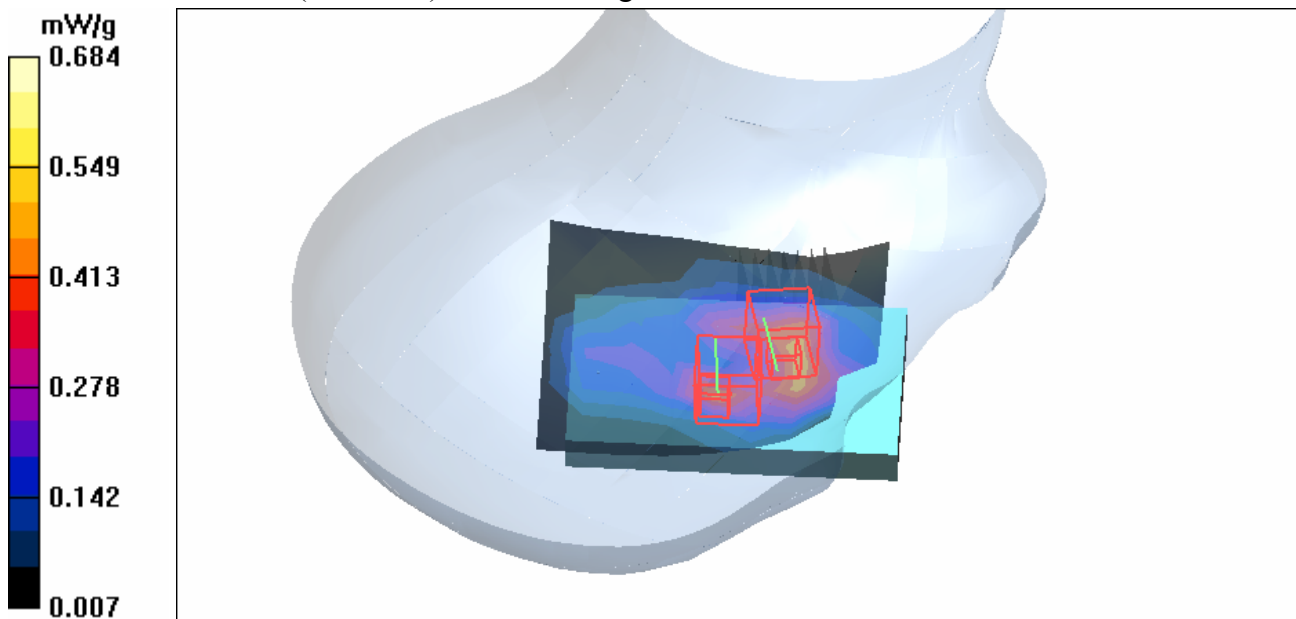
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.0 V/m

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.367 mW/g; SAR(10 g) = 0.185 mW/g

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



Test Laboratory: Advance Data Technology

Right Head-Cheek-PCS1900-Ch661-Mode 16

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.508 mW/g

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

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

Reference Value = 13.6 V/m

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.337 mW/g

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

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

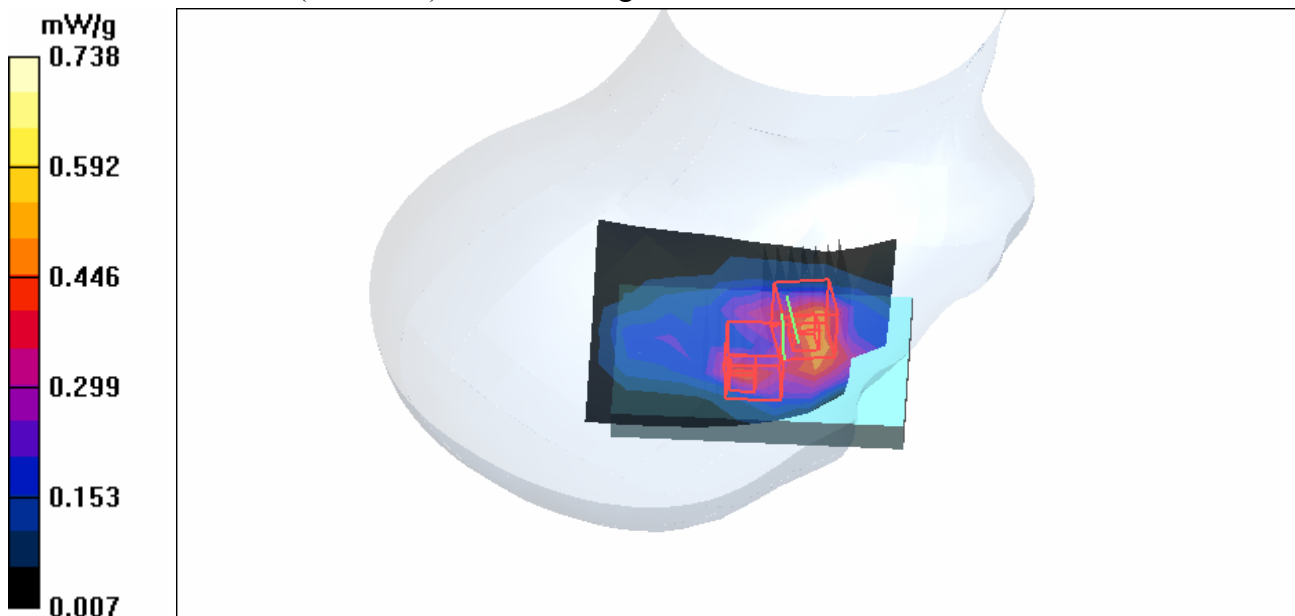
dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 0.449 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-PCS1900-Ch810-Mode 16

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 810/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.471 mW/g

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

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

Reference Value = 12.3 V/m

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.590 mW/g; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 0.691 mW/g

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

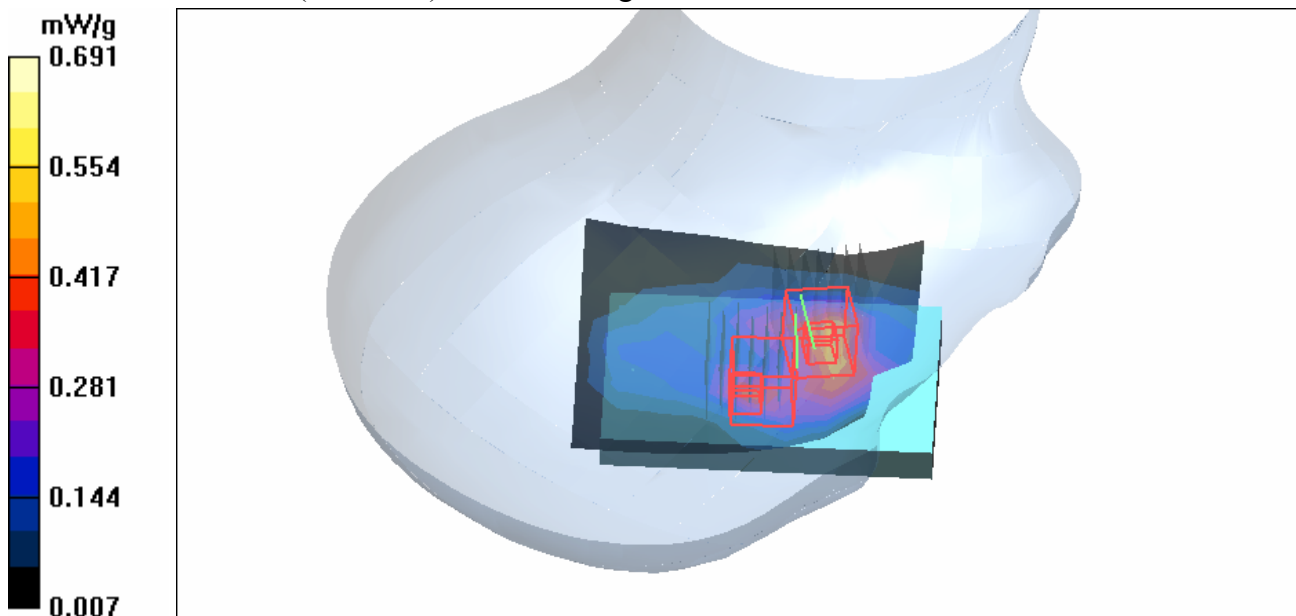
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.3 V/m

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.411 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-Ch512-Mode 17

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³ ; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 512/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.353 mW/g

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

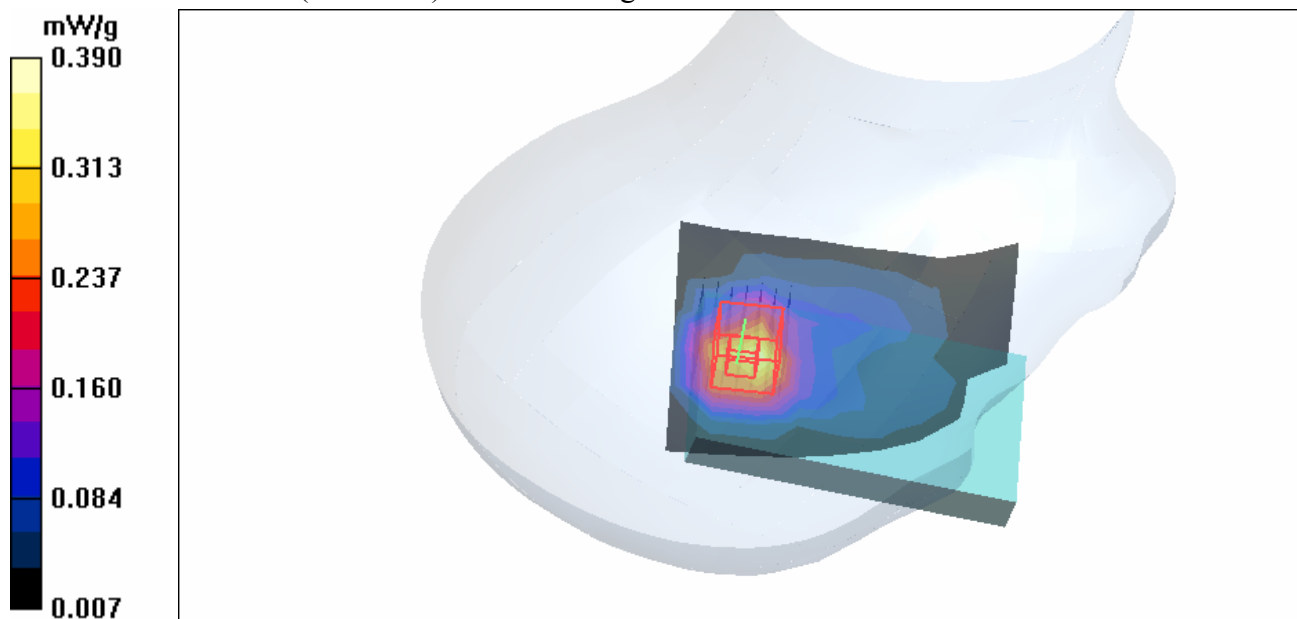
dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.6 V/m

Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.390 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-Ch661-Mode 17

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.360 mW/g

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

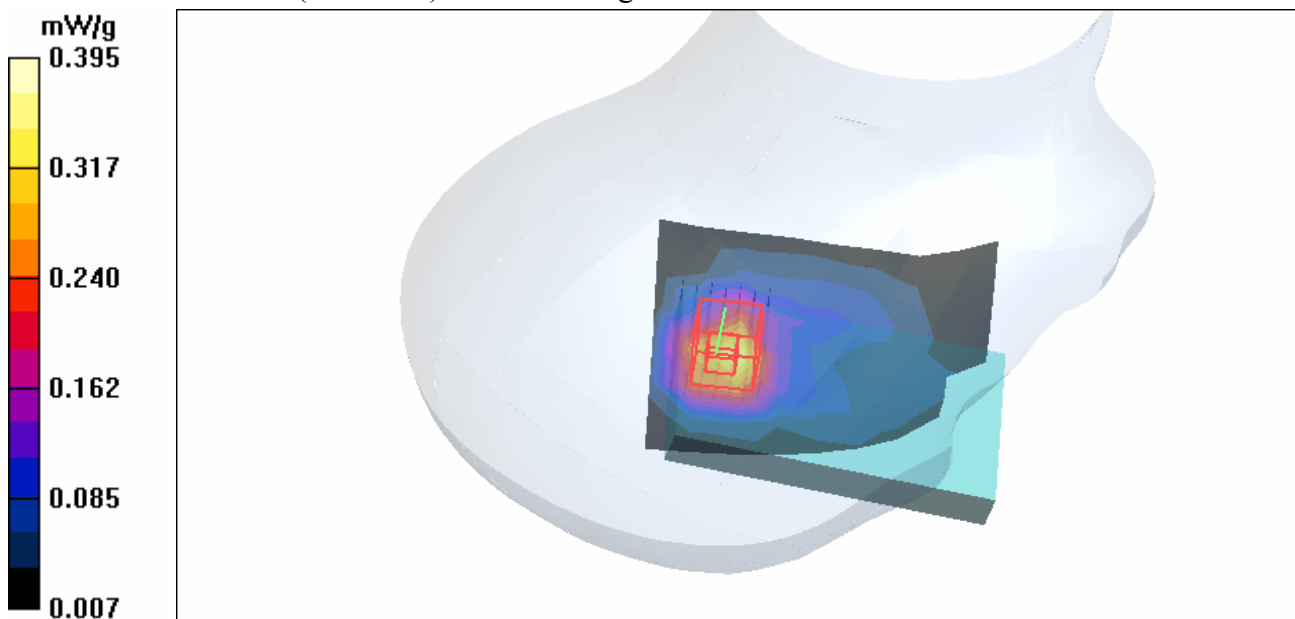
dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m

Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.197 mW/g

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



Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-Ch810-Mode 17

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³ ; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 810/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

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

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

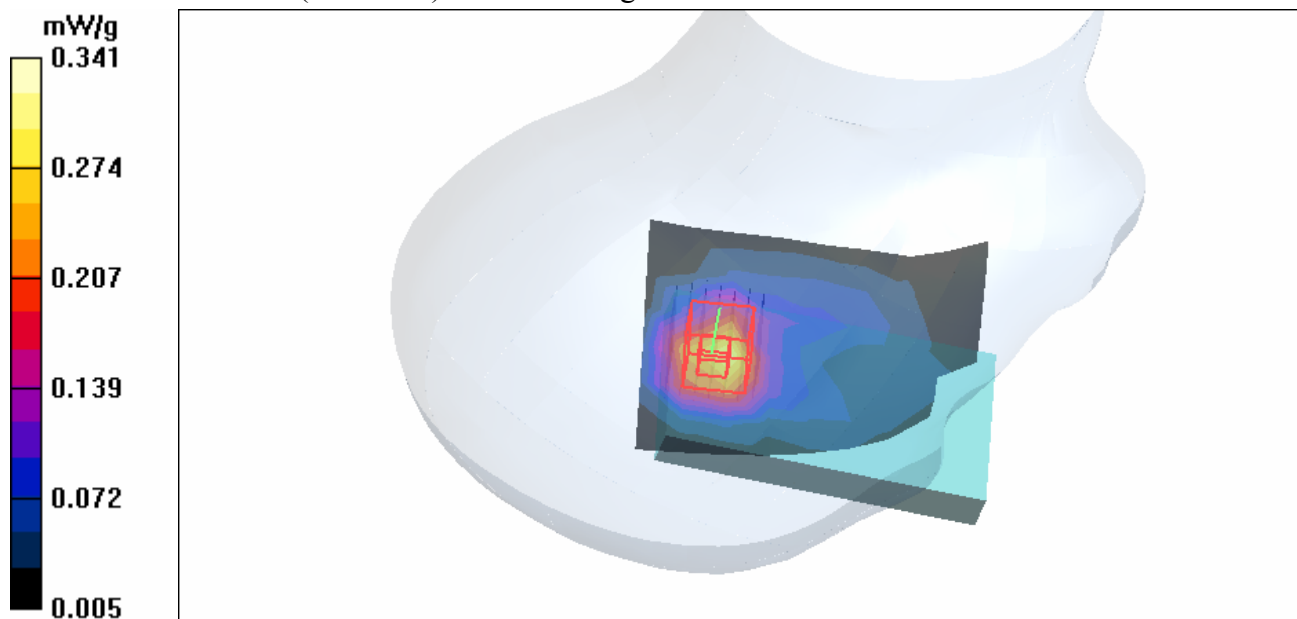
dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.6 V/m

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.169 mW/g

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



Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-Ch512-Mode 18

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 512/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.773 mW/g

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

Reference Value = 12.9 V/m

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.391 mW/g

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

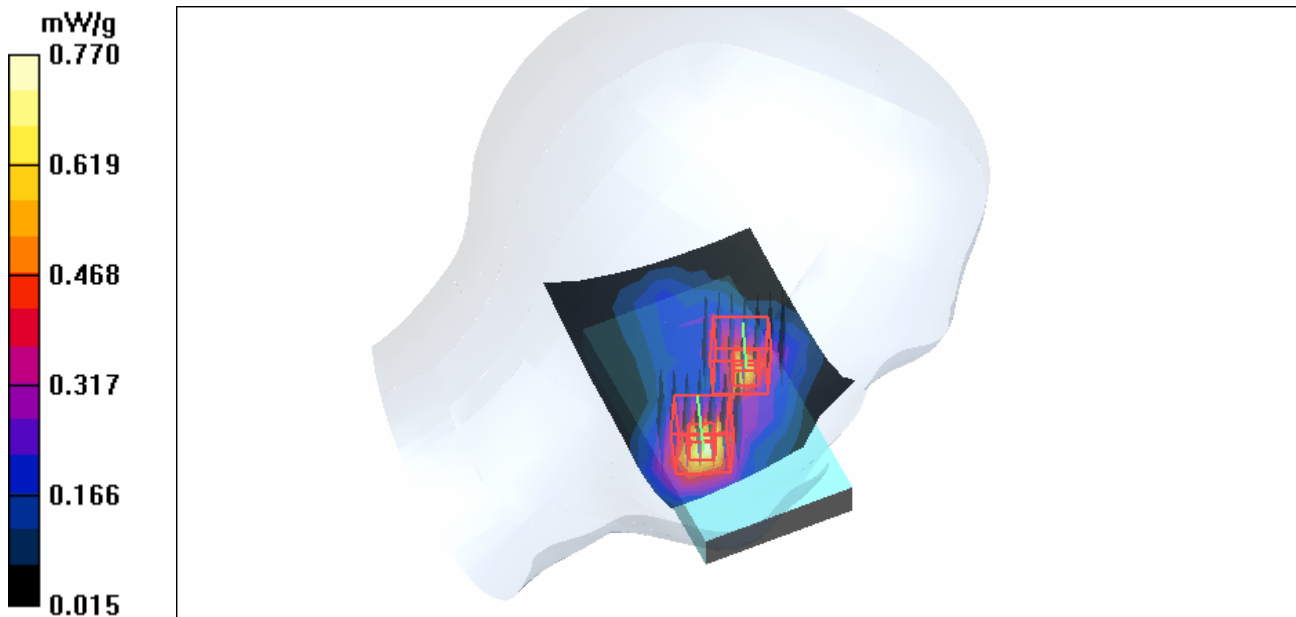
Touch position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.9 V/m

Peak SAR (extrapolated) = 0.854 W/kg

SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.640 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-Ch661-Mode 18

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 661/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.805 mW/g

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

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

Reference Value = 12.6 V/m

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.418 mW/g

Maximum value of SAR (measured) = 0.825 mW/g

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

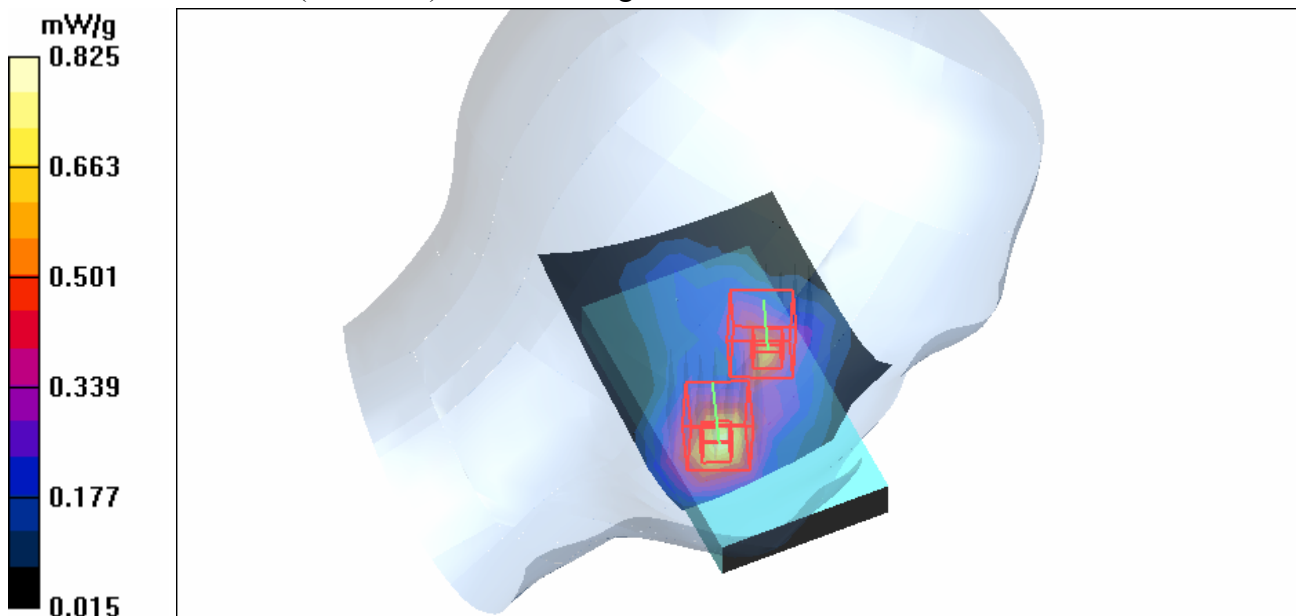
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

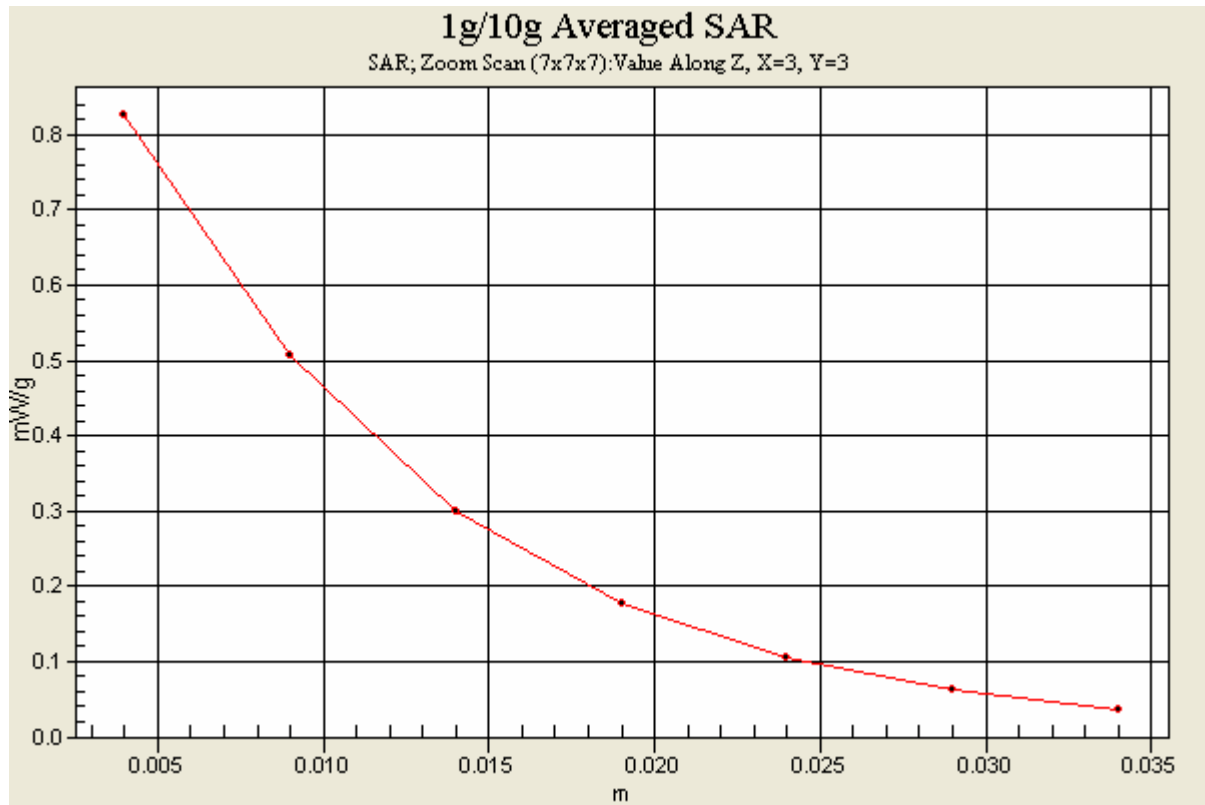
Reference Value = 12.6 V/m

Peak SAR (extrapolated) = 0.798 W/kg

SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.609 mW/g





Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-Ch810-Mode 18

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 810/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

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

Reference Value = 11.3 V/m

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.641 mW/g; SAR(10 g) = 0.358 mW/g

Maximum value of SAR (measured) = 0.723 mW/g

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

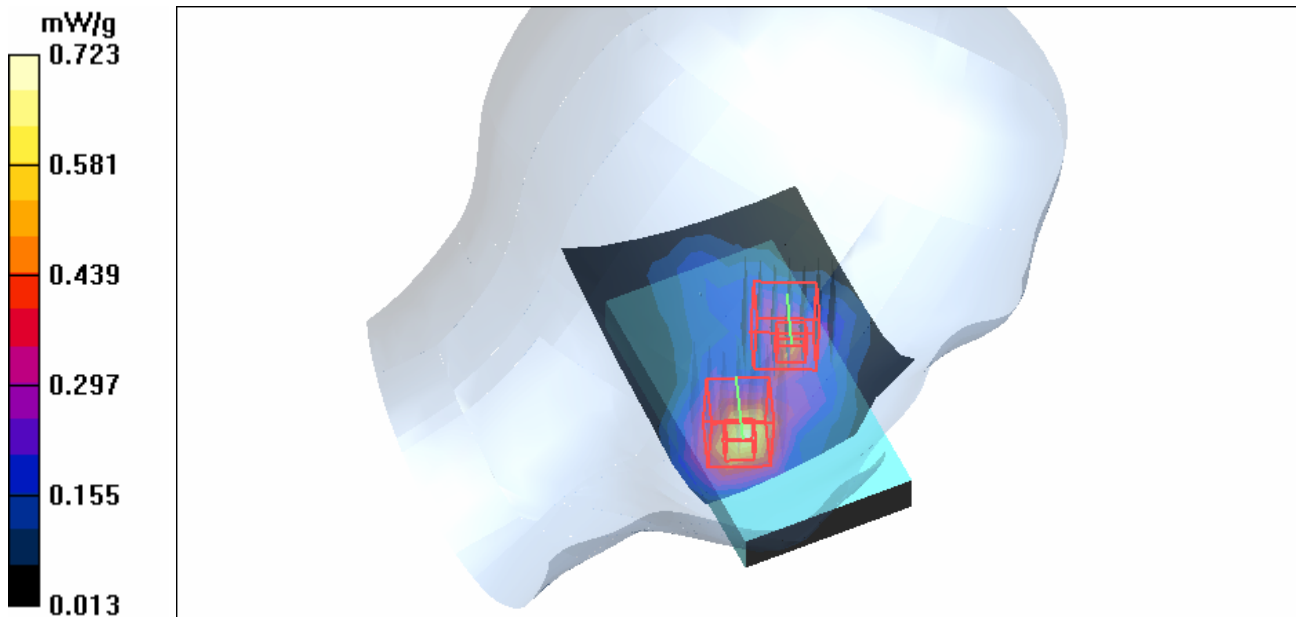
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.3 V/m

Peak SAR (extrapolated) = 0.664 W/kg

SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.496 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-PCS1900-Ch512-Mode 19

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.7$; $\rho = 1000$ kg/m³ ; Liquid level: 152 mm

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

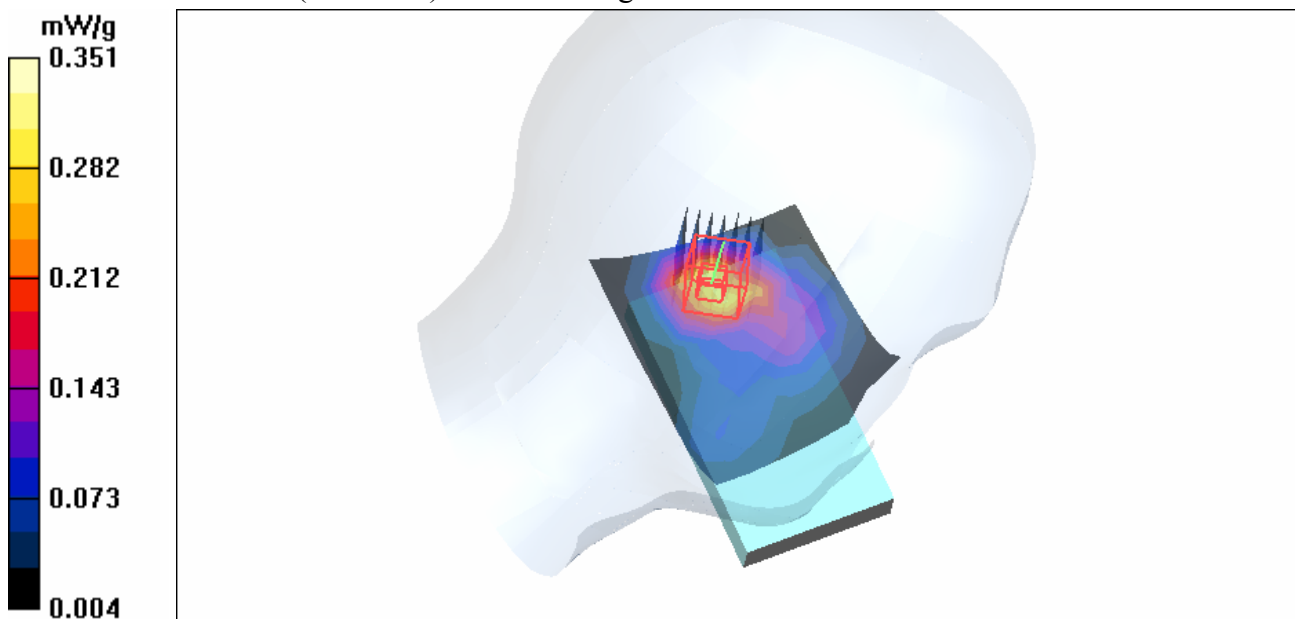
Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 degrees

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 512/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.306 mW/g

Tilt position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.6 V/m
Peak SAR (extrapolated) = 0.545 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.351 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-PCS1900-Ch661-Mode 19

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.318 mW/g

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

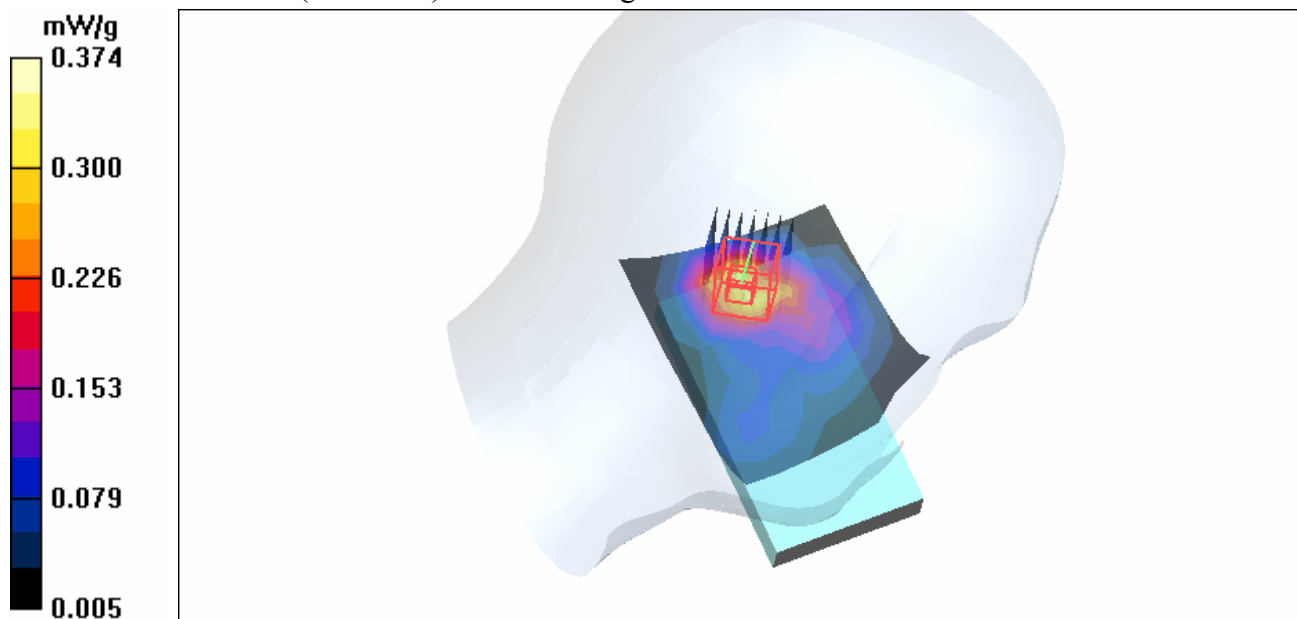
dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.1 V/m

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.374 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-PCS1900-Ch810-Mode 19

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³ ; Liquid level: 152 mm

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

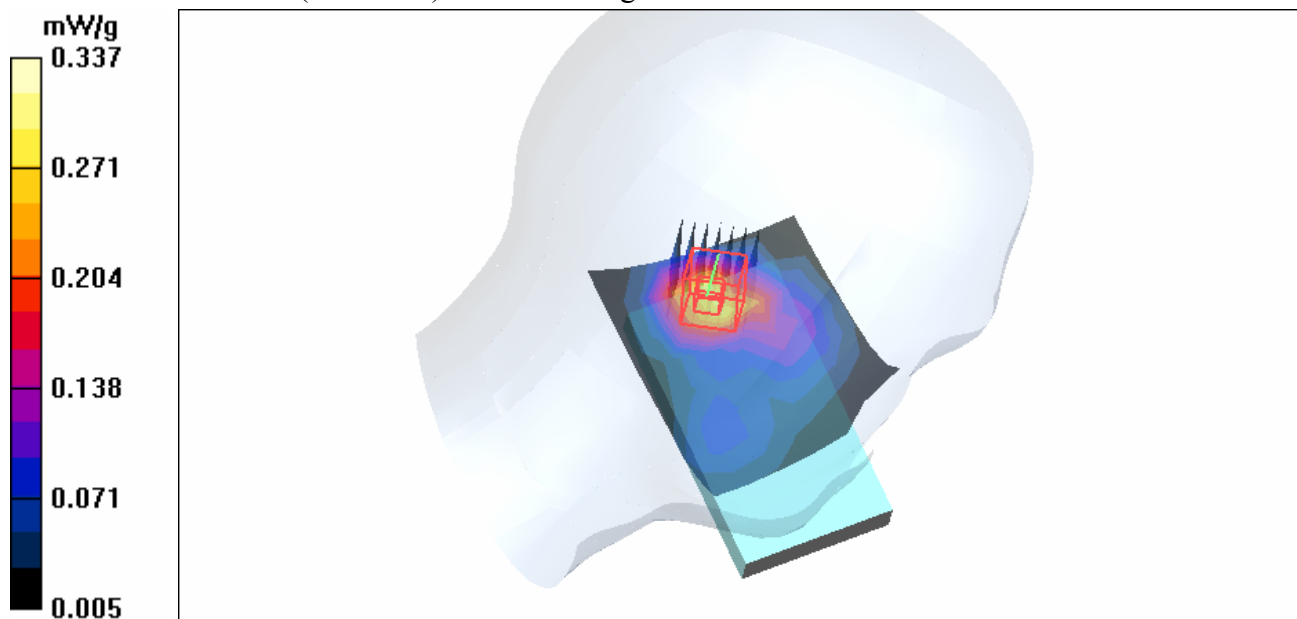
Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 degrees

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 810/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.288 mW/g

Tilt position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.9 V/m
Peak SAR (extrapolated) = 0.529 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.170 mW/g
Maximum value of SAR (measured) = 0.337 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS1900 TS2-Ch512-Mode 20

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.790 mW/g

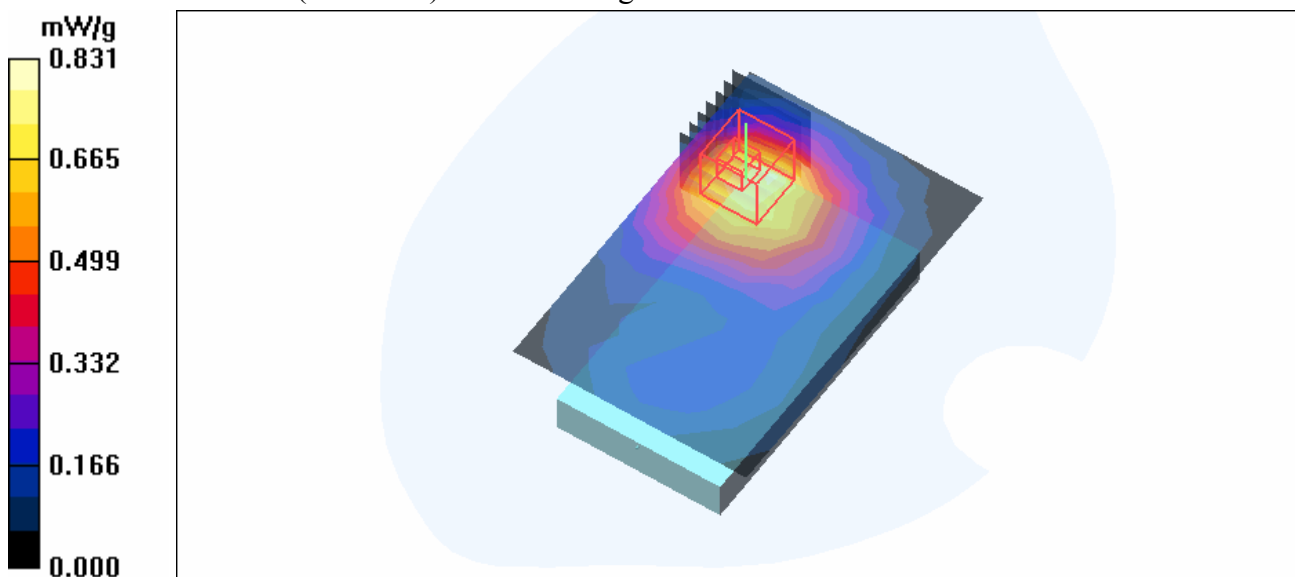
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

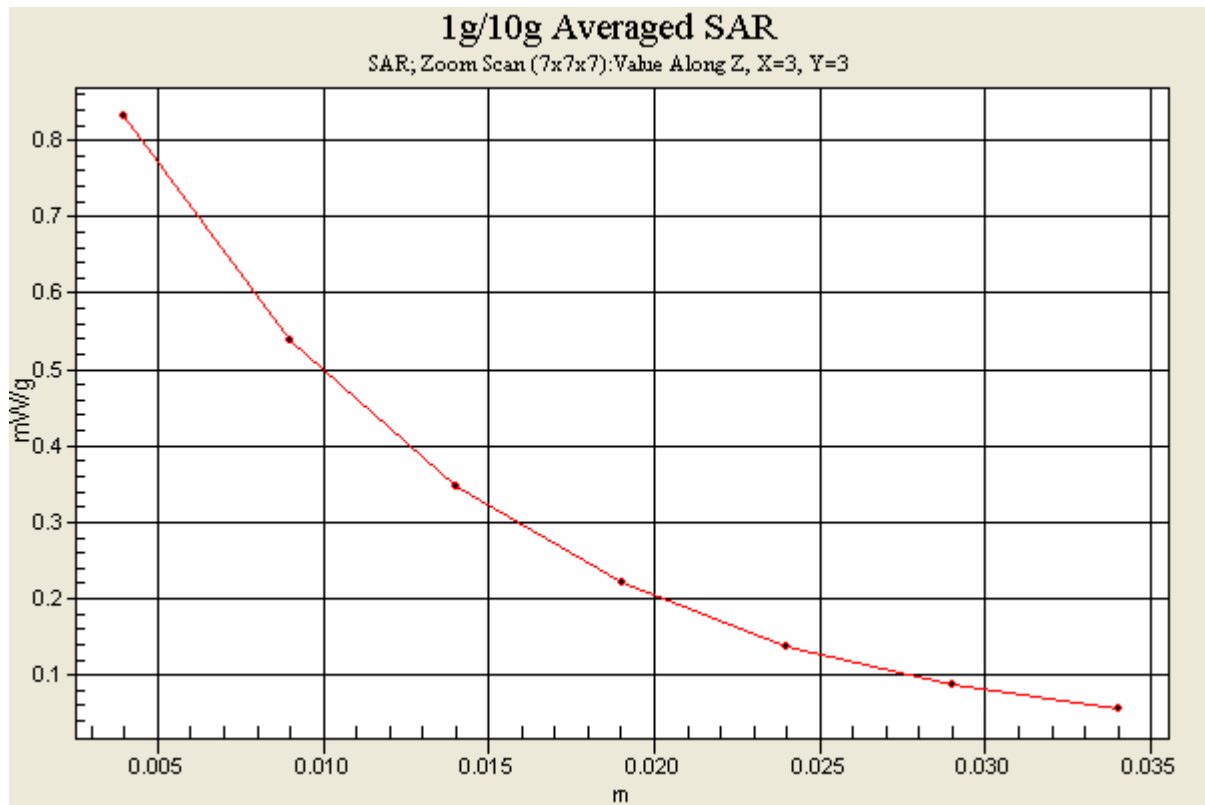
Reference Value = 19.1 V/m

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.501 mW/g

Maximum value of SAR (measured) = 0.831 mW/g





Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS1900 TS2-Ch661-Mode 20

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

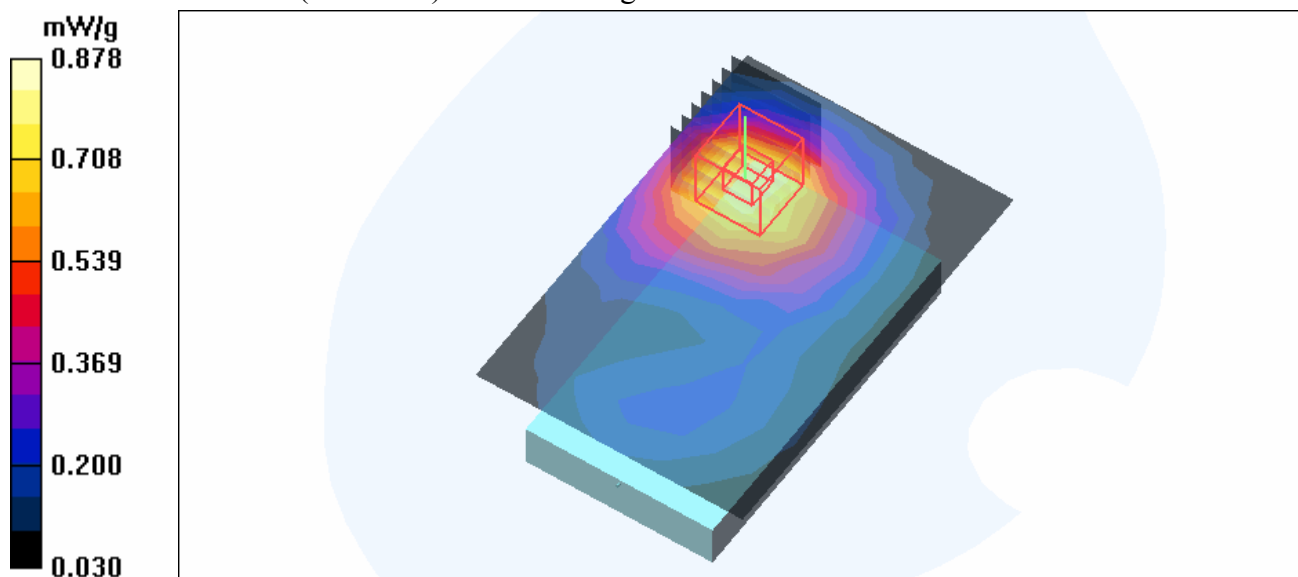
Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.7 V/m

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.817 mW/g; SAR(10 g) = 0.493 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS1900 TS2-Ch810-Mode 20

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1909.8 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 810/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

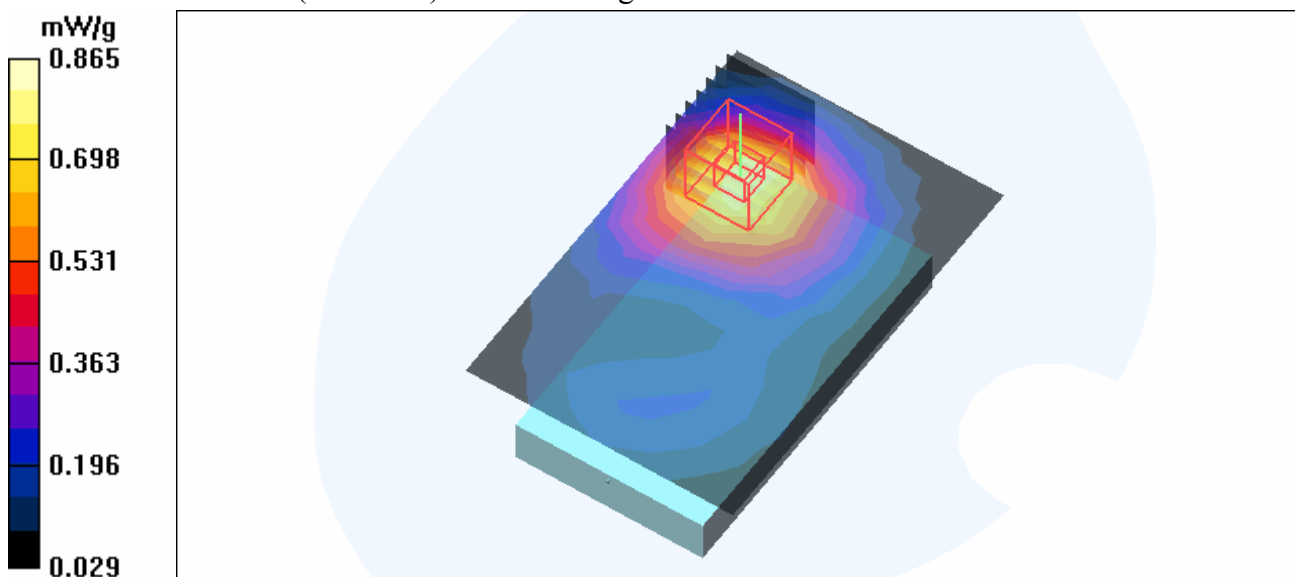
High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.0 V/m

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.480 mW/g

Maximum value of SAR (measured) = 0.865 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-GPRS1900 TS2-Ch512-Mode 21

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.469 mW/g

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

Reference Value = 14.4 V/m

Peak SAR (extrapolated) = 0.725 W/kg

SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.271 mW/g

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

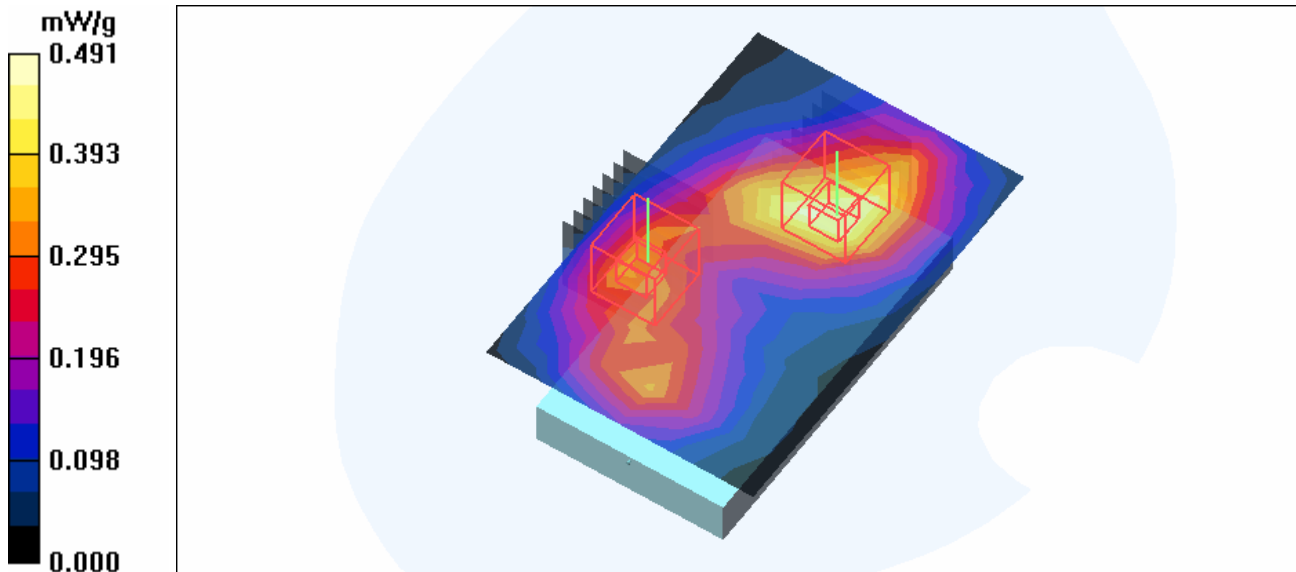
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.206 mW/g

Maximum value of SAR (measured) = 0.354 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS1900 TS1-Ch512-Mode 22

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 1 time slot
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

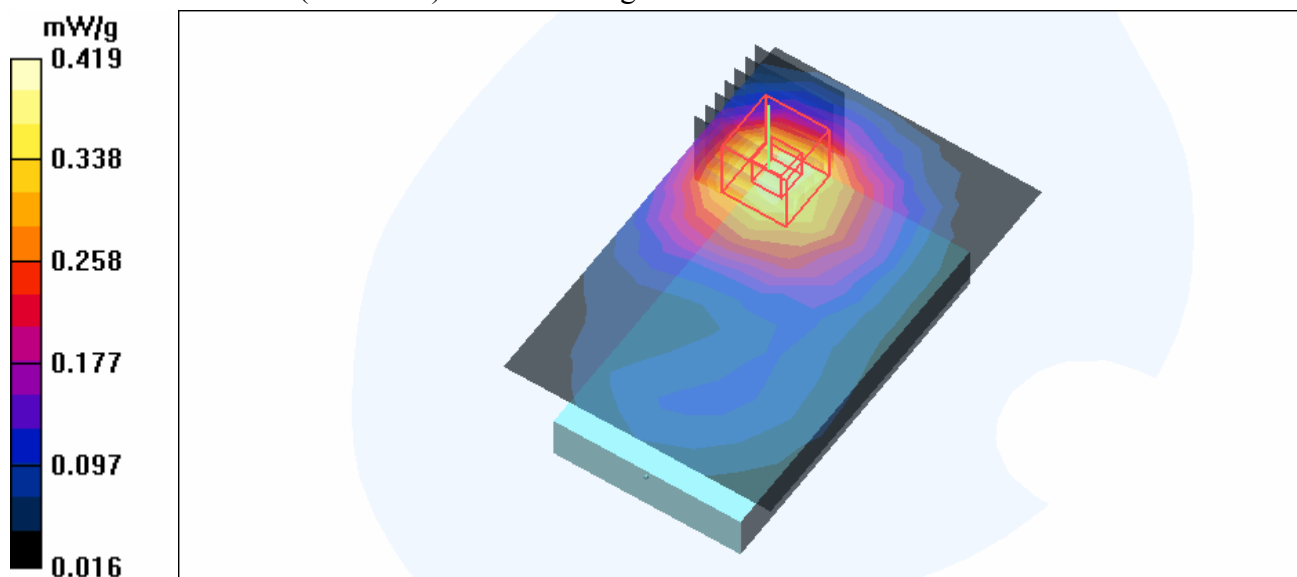
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.3 V/m

Peak SAR (extrapolated) = 0.578 W/kg

SAR(1 g) = 0.387 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.419 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-GPRS1900 TS1-Ch512-Mode 23

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 1 time slot
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.251 mW/g

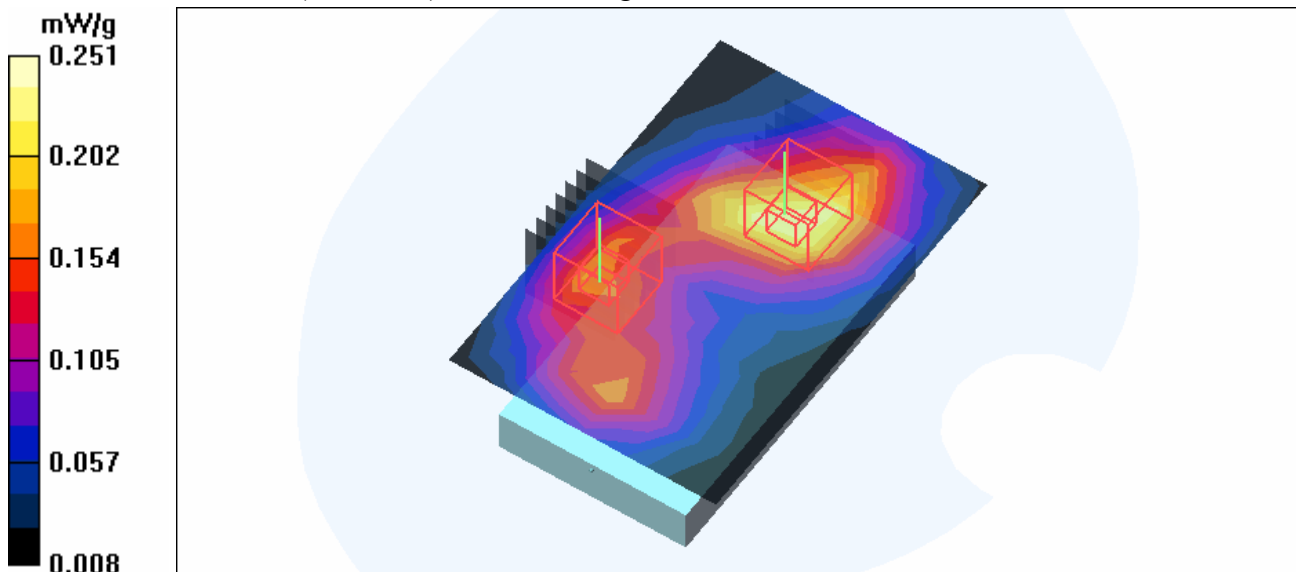
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.107 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-E-GPRS1900 TS2-Ch512-Mode 24

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

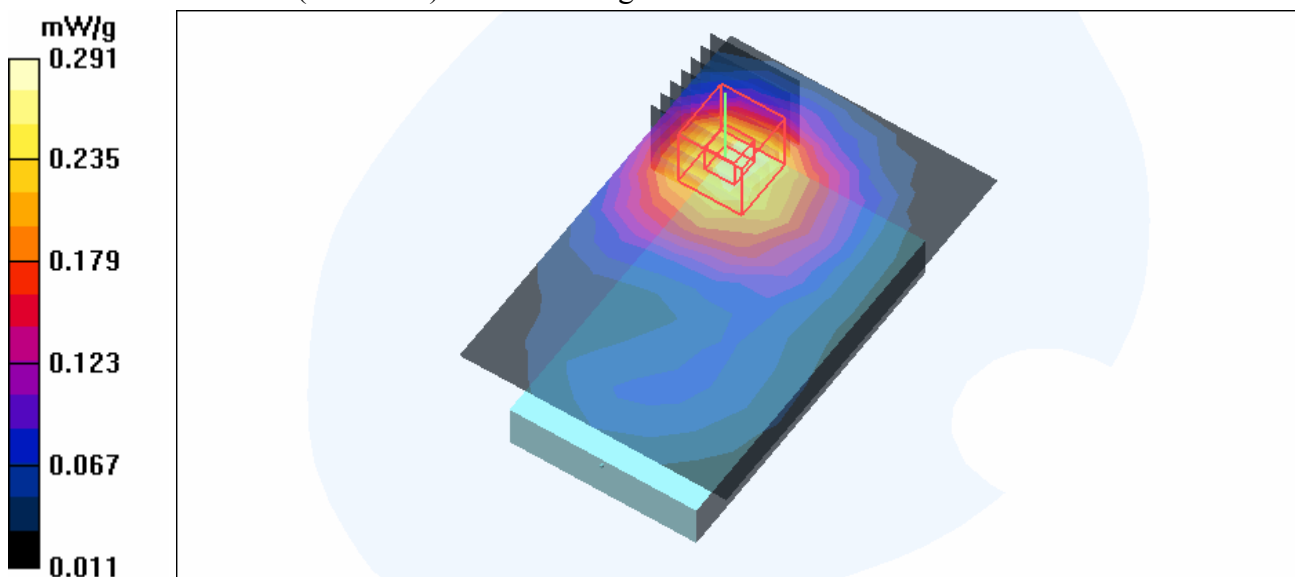
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.1 V/m

Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-E-GPRS1900 TS2-Ch512-Mode 25

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 2 time slots

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 8.39 V/m

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.095 mW/g

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

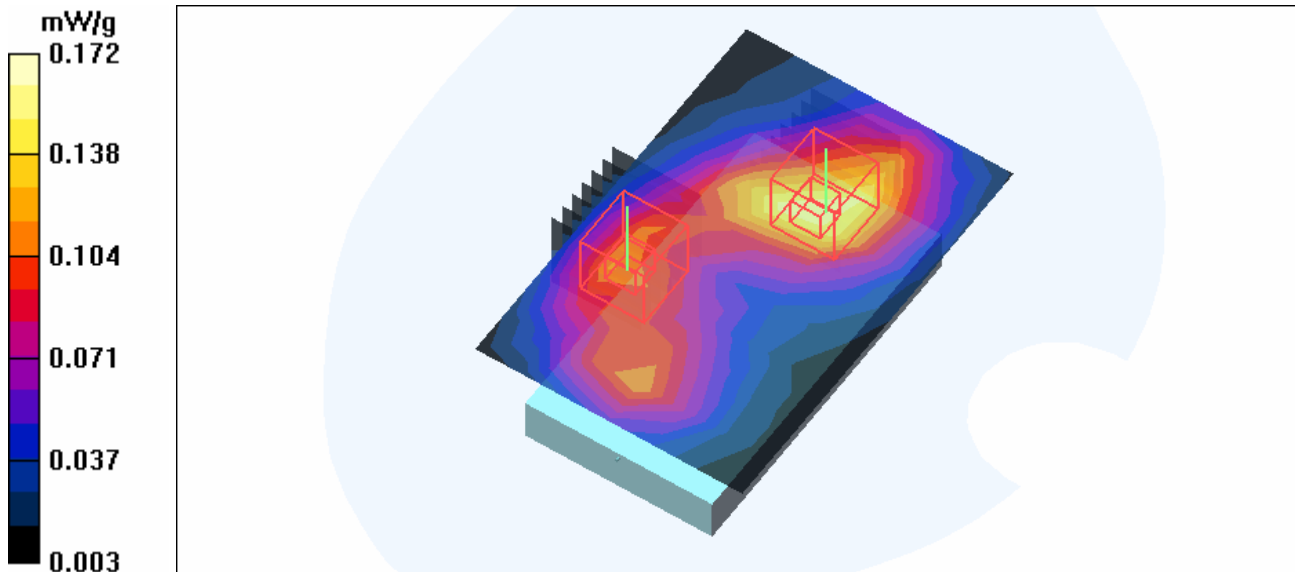
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.39 V/m

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.126 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-E-GPRS1900 TS1-Ch512-Mode 26

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 1 time slot
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

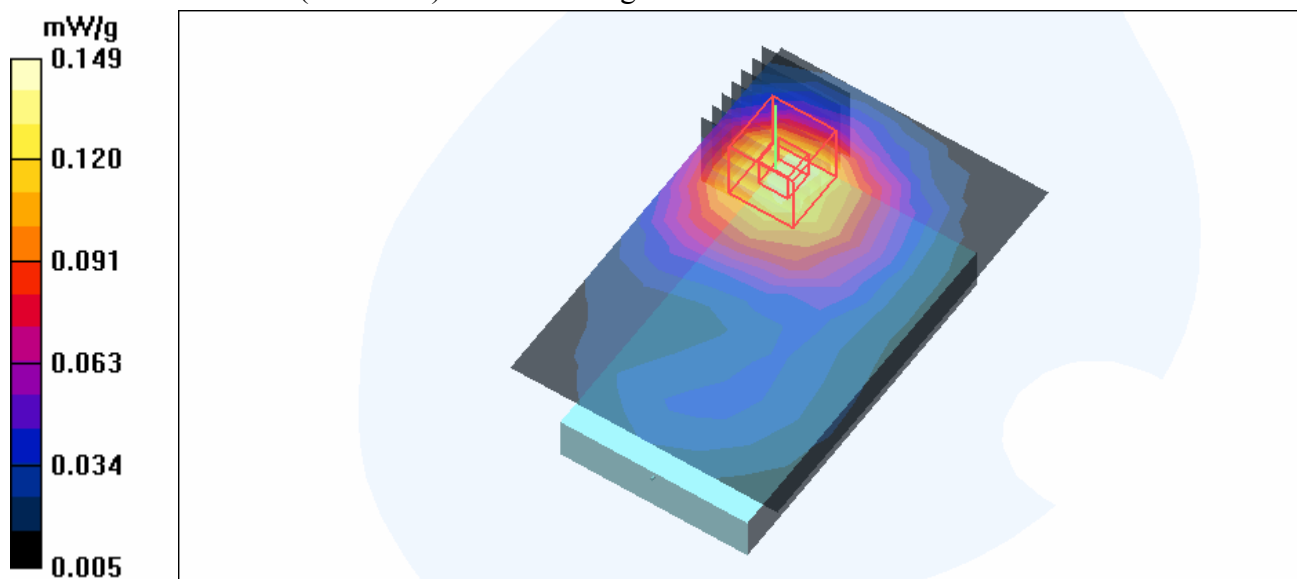
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.90 V/m

Peak SAR (extrapolated) = 0.212 W/kg

SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.086 mW/g

Maximum value of SAR (measured) = 0.149 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-E-GPRS1900 TS1-Ch512-Mode 27

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK / UL 1 time slot
Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.083 mW/g

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

Reference Value = 5.98 V/m

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.048 mW/g

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

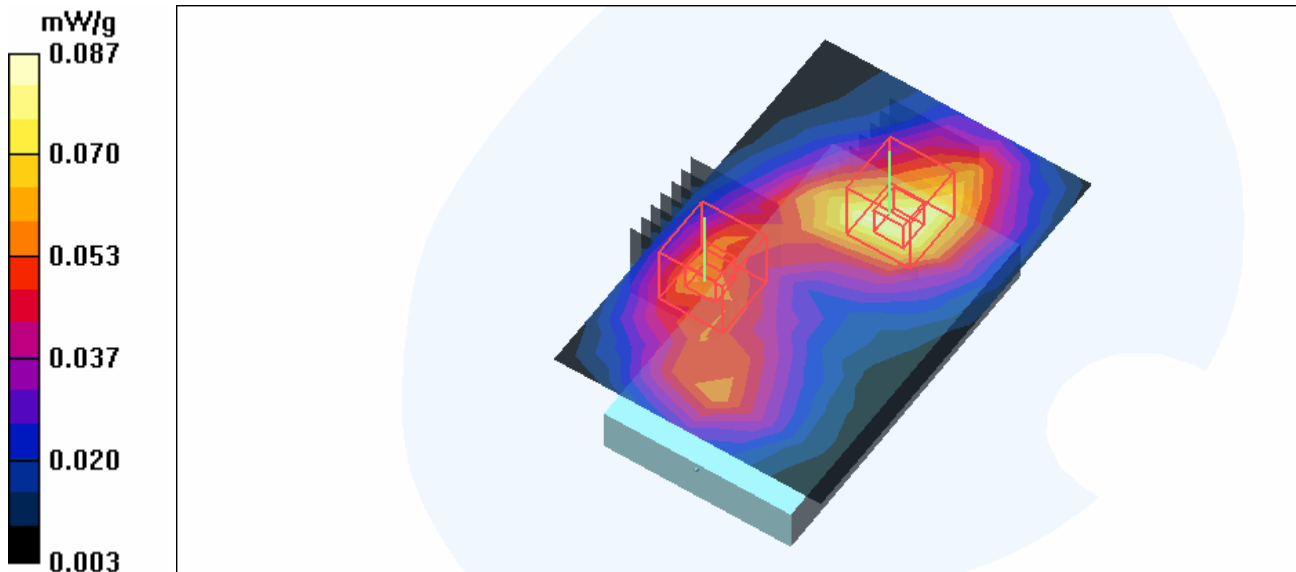
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.98 V/m

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.038 mW/g

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



Test Laboratory: Advance Data Technology

Body Worn-LCD Down-PCS1900-Ch512-Mode 28

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.459 mW/g

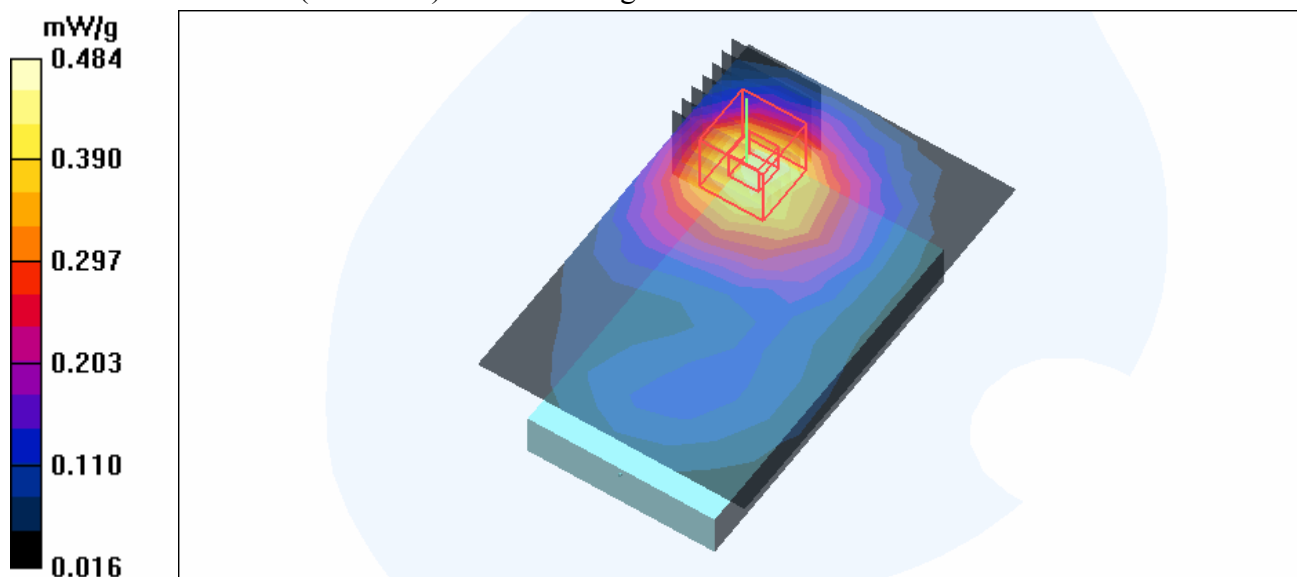
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.6 V/m

Peak SAR (extrapolated) = 0.689 W/kg

SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.279 mW/g

Maximum value of SAR (measured) = 0.484 mW/g



Test Laboratory: Advance Data Technology

Body Worn-LCD Up-PCS1900-Ch512-Mode 29

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 53.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

Separation Distance : 15 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 10.4 V/m

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 0.247 mW/g

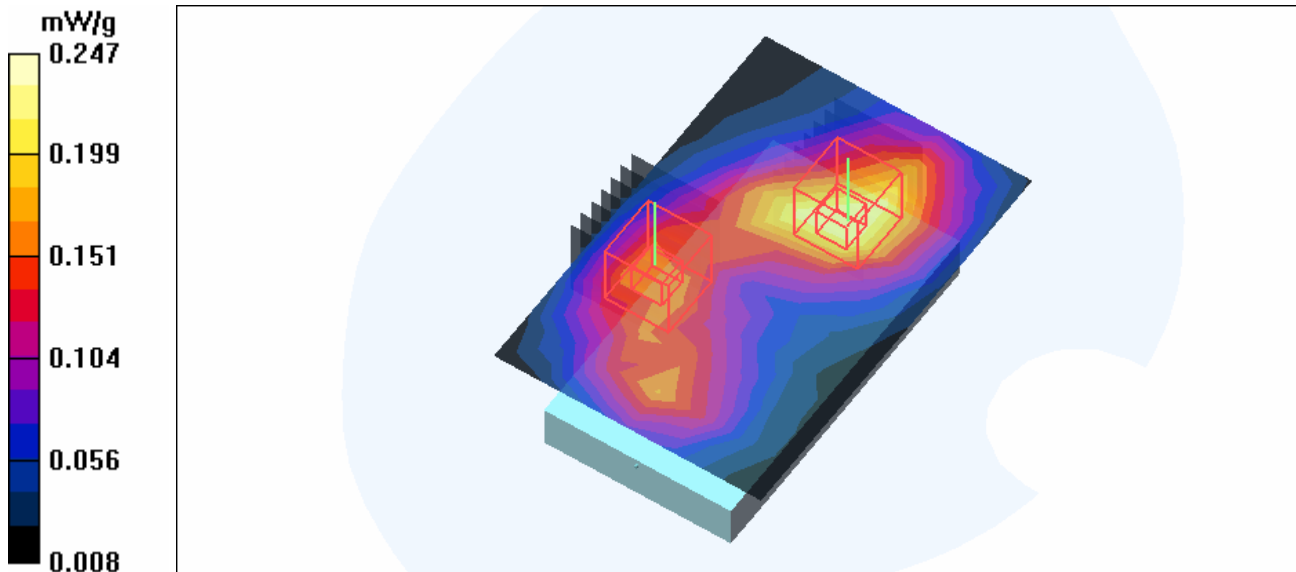
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.4 V/m

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.110 mW/g

Maximum value of SAR (measured) = 0.187 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-WCDMA850-Ch4132-Mode 30

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHz

Communication System: WCDMA ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4132/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.653 mW/g

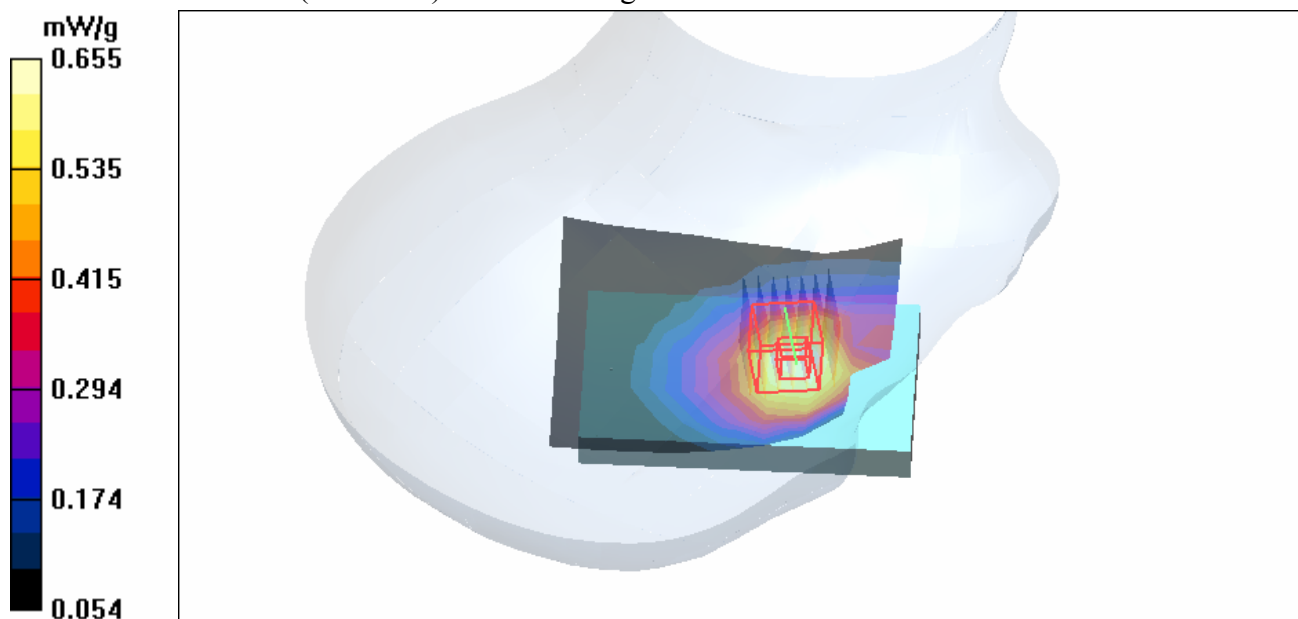
Touch position - Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.76 V/m

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.455 mW/g

Maximum value of SAR (measured) = 0.655 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-WCDMA850-Ch4182-Mode 30

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.4 MHz

Communication System: WCDMA ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4182/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

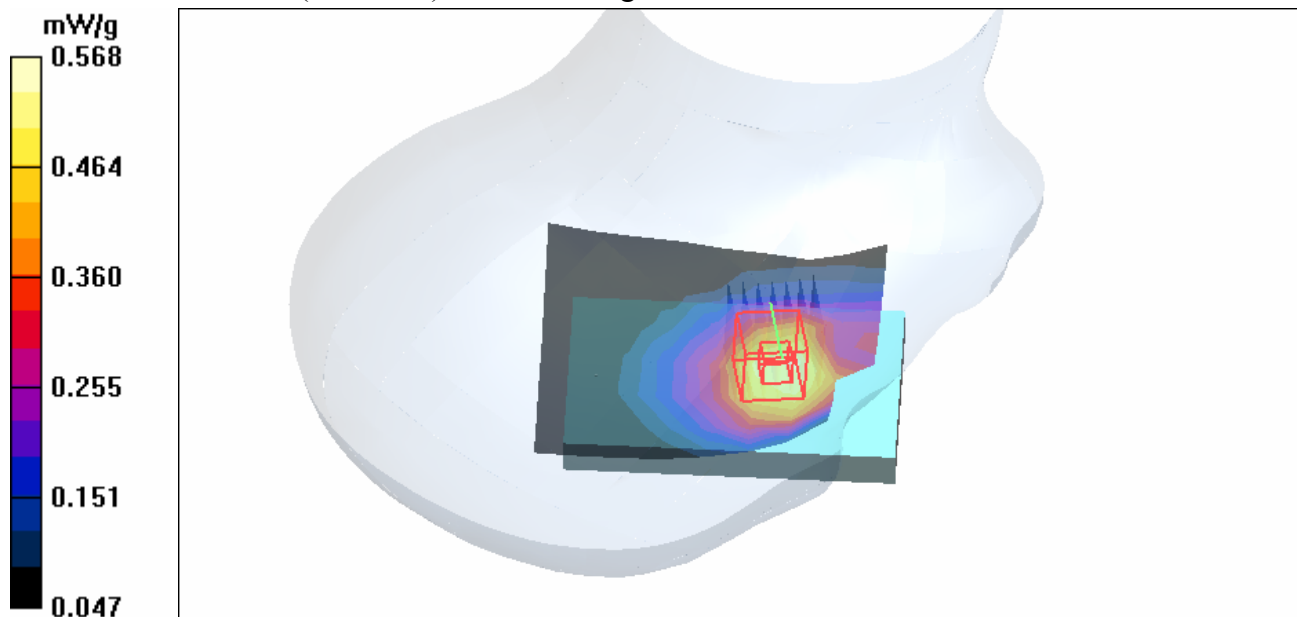
Touch position - Mid Channel 4182/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.96 V/m

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.538 mW/g; SAR(10 g) = 0.389 mW/g

Maximum value of SAR (measured) = 0.568 mW/g



Test Laboratory: Advance Data Technology

Right Head-Cheek-WCDMA850-Ch4233-Mode 30

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 846.6 MHz

Communication System: WCDMA ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4233/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.635 mW/g

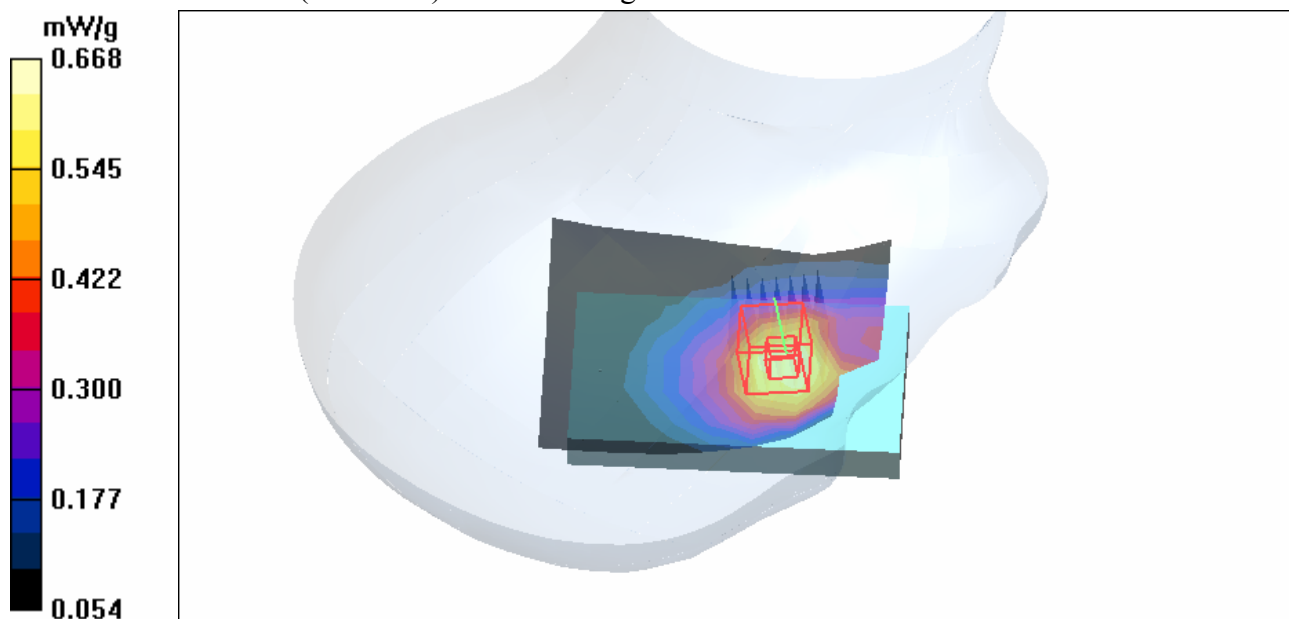
Touch position - High Channel 4233/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.40 V/m

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.668 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-WCDMA850-Ch4132-Mode 31

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHz

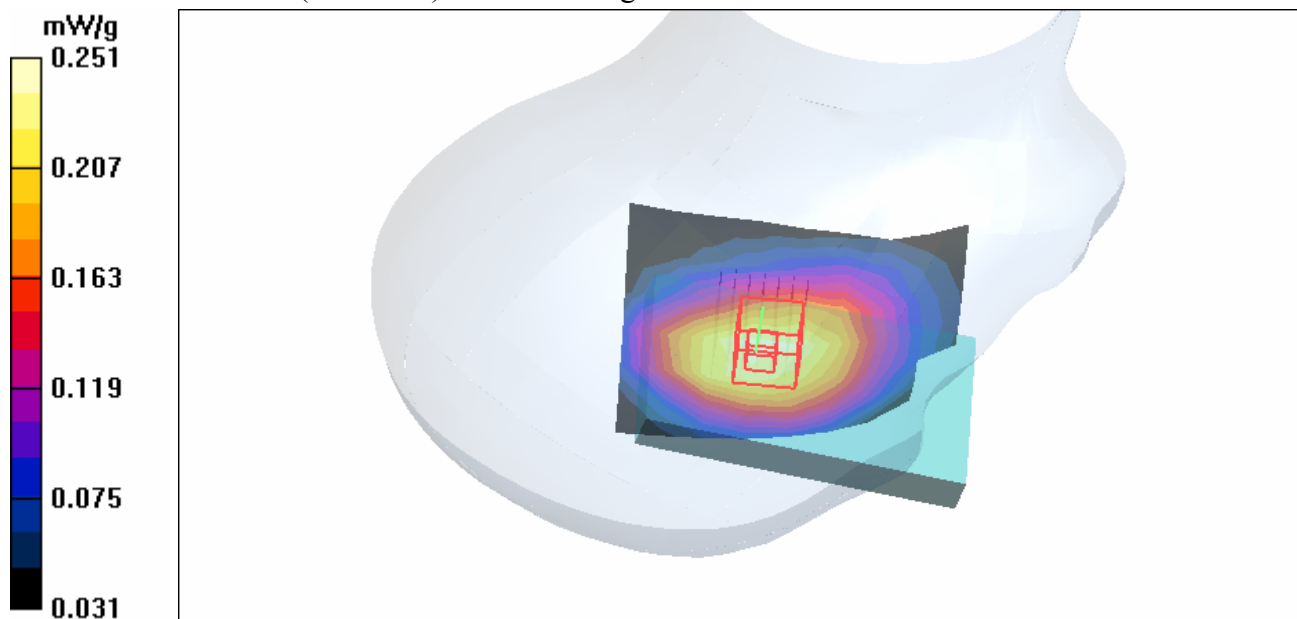
Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1
 Medium: HSL835 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.9$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³ ;
 Liquid level: 150 mm
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK
 Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4132/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.247 mW/g

Tilt position - Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.1 V/m
 Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.181 mW/g
 Maximum value of SAR (measured) = 0.251 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-WCDMA850-Ch4182-Mode 31

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.4 MHz

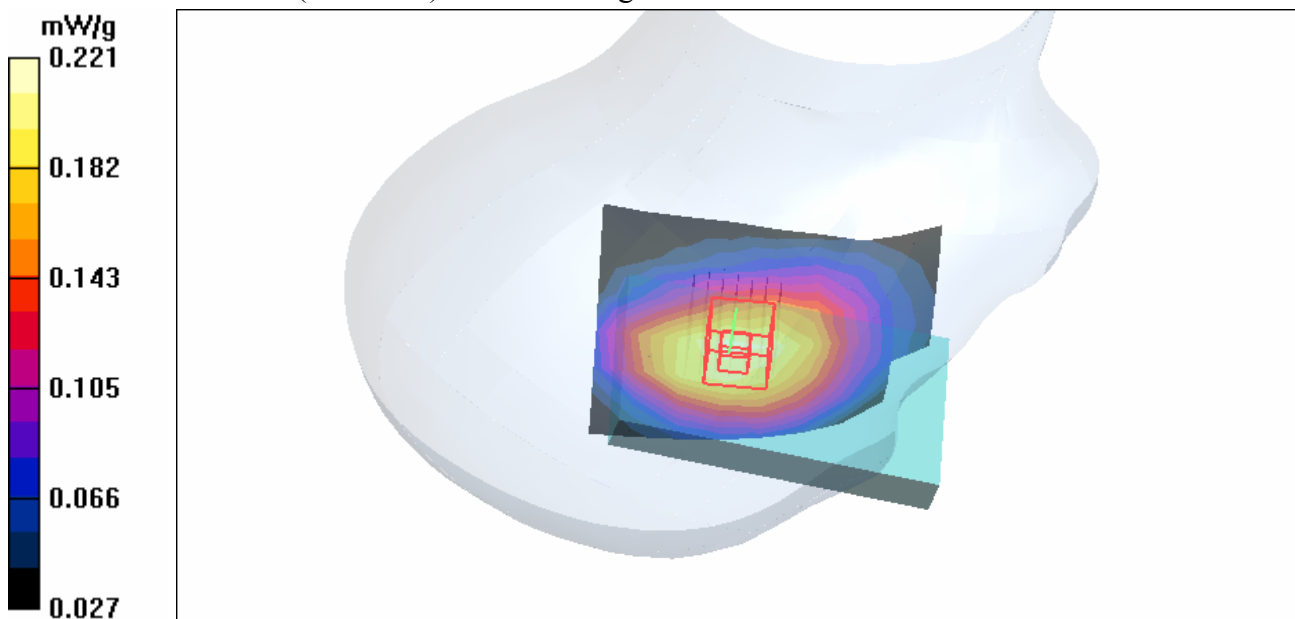
Communication System: WCDMA ; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level: 150 mm
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK
 Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4182/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.215 mW/g

Tilt position - Mid Channel 4182/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.1 V/m
 Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.156 mW/g
 Maximum value of SAR (measured) = 0.221 mW/g



Test Laboratory: Advance Data Technology

Right Head-Tilt-WCDMA850-Ch4233-Mode 31

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 846.6 MHz

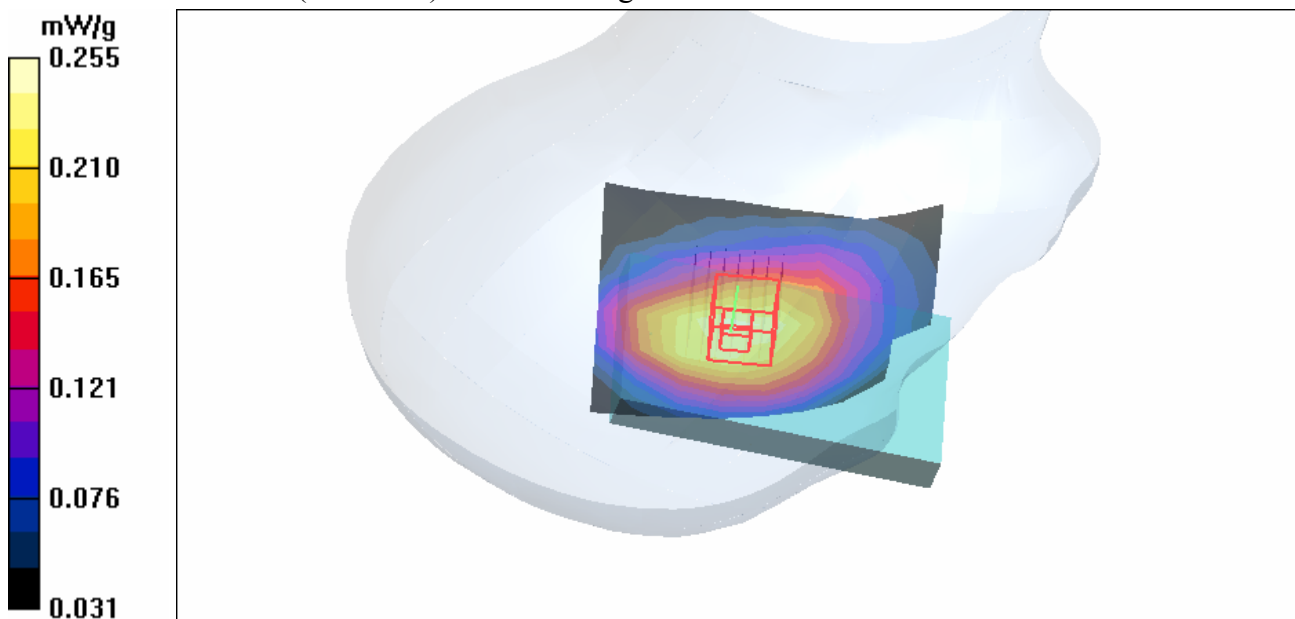
Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level: 150 mm
 Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: BPSK
 Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4233/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.246 mW/g

Tilt position - High Channel 4233/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.2 V/m
 Peak SAR (extrapolated) = 0.302 W/kg
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.181 mW/g
 Maximum value of SAR (measured) = 0.255 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA850-Ch4132-Mode 32

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHz

Communication System: WCDMA ; Frequency: 826.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4132/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

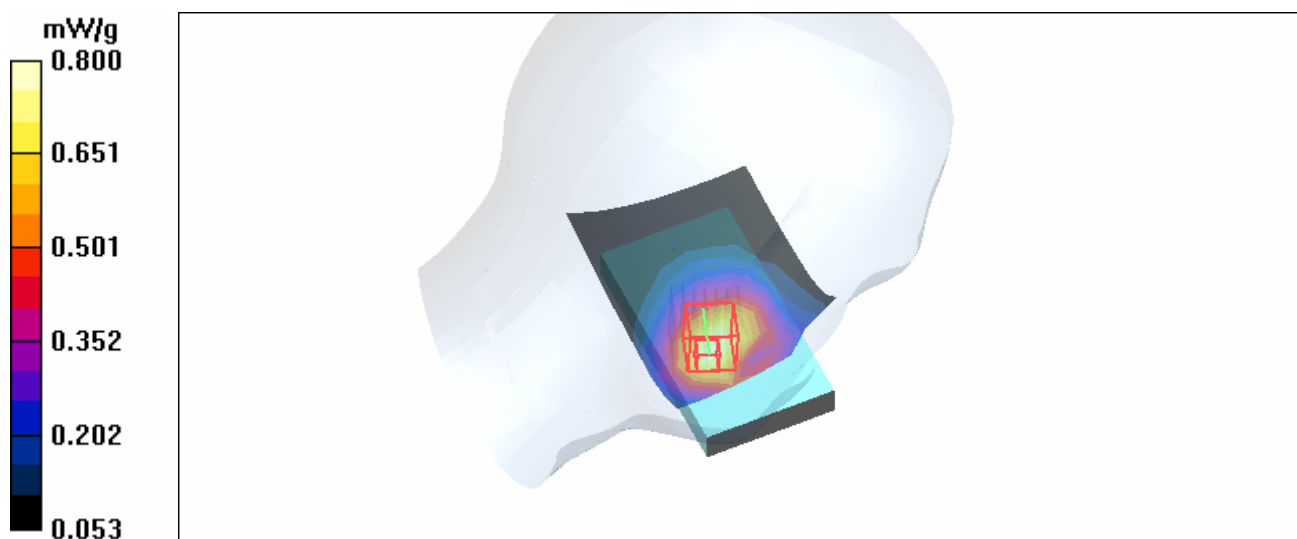
Maximum value of SAR (measured) = 0.800 mW/g

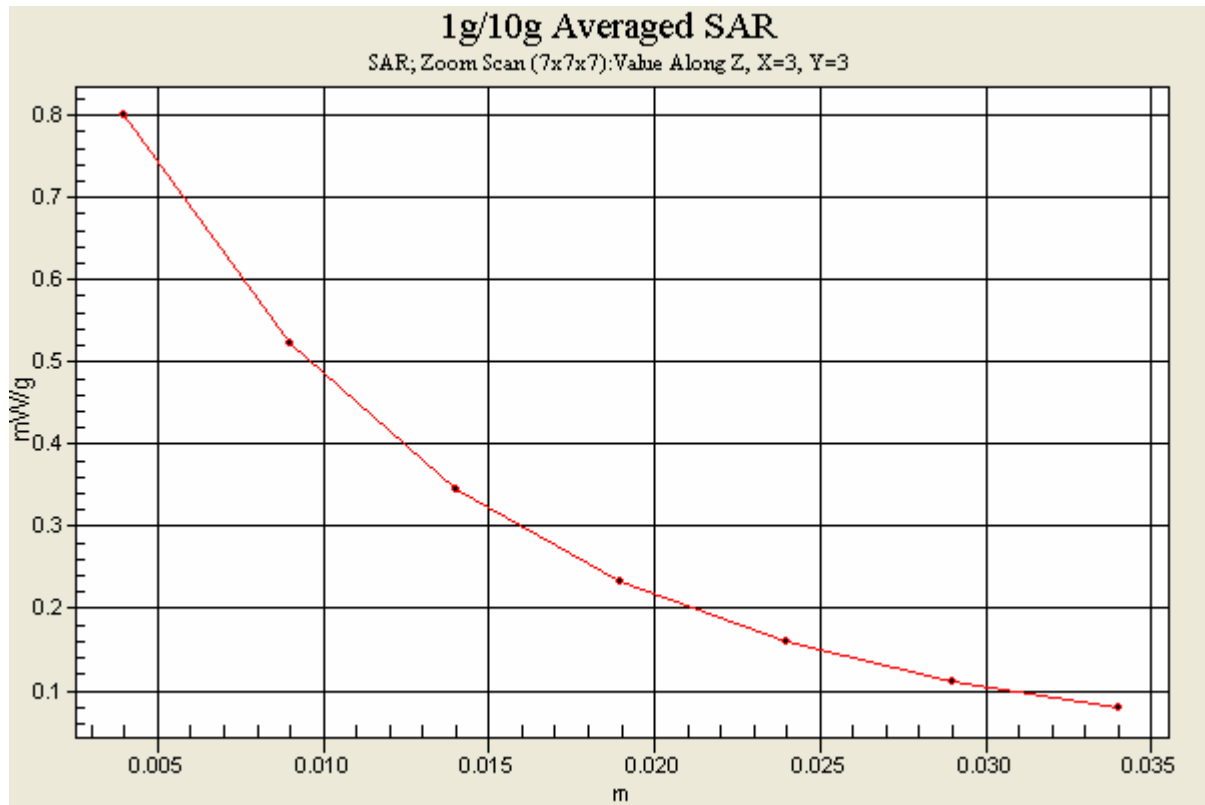
Touch position - Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.93 V/m

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.484 mW/g





Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA850-Ch4182-Mode 32

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.4 MHz

Communication System: WCDMA ; Frequency: 836.4 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4182/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.693 mW/g

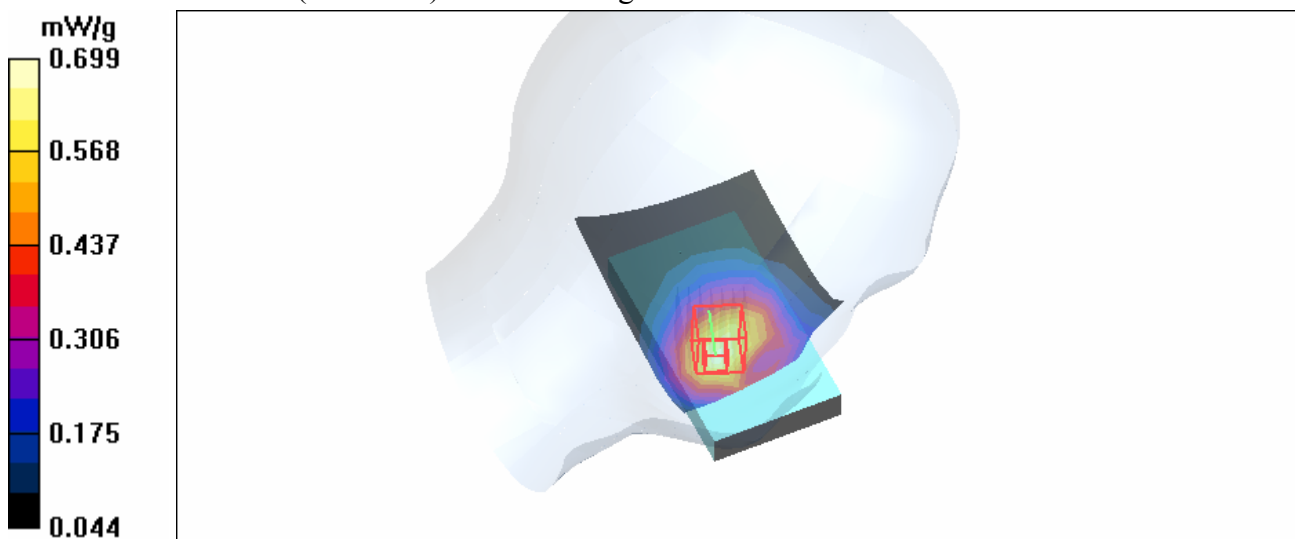
Touch position - Mid Channel 4182/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.37 V/m

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.424 mW/g

Maximum value of SAR (measured) = 0.699 mW/g



Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA850-Ch4233-Mode 32

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 846.6 MHz

Communication System: WCDMA ; Frequency: 846.6 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4233/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.776 mW/g

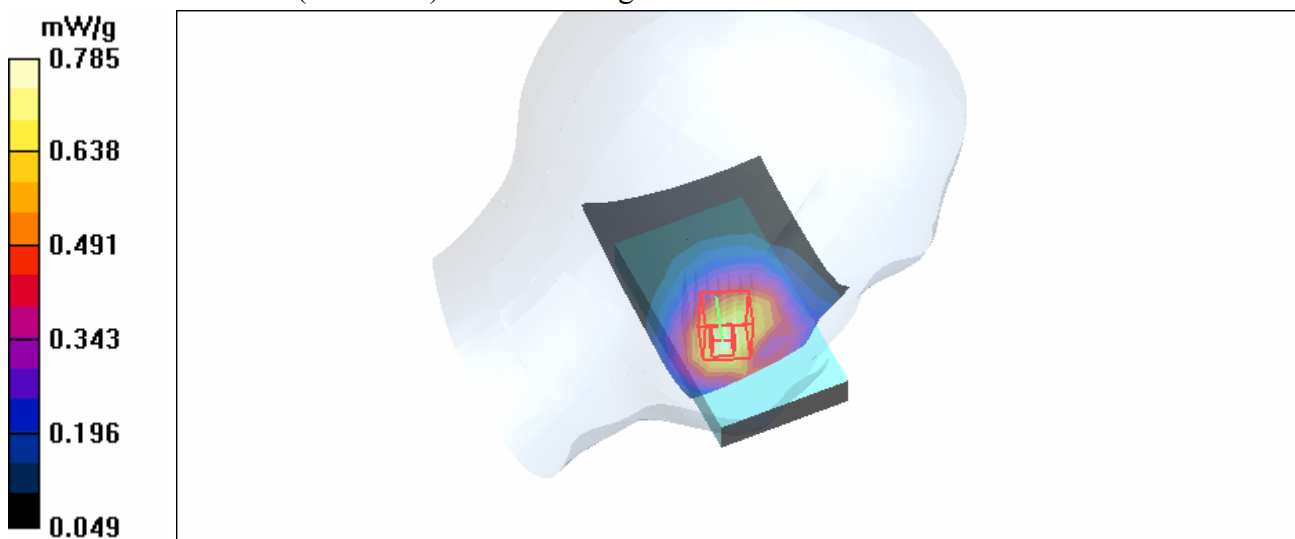
Touch position - High Channel 4233/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.96 V/m

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.481 mW/g

Maximum value of SAR (measured) = 0.785 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-WCDMA850-Ch4132-Mode 33

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHz

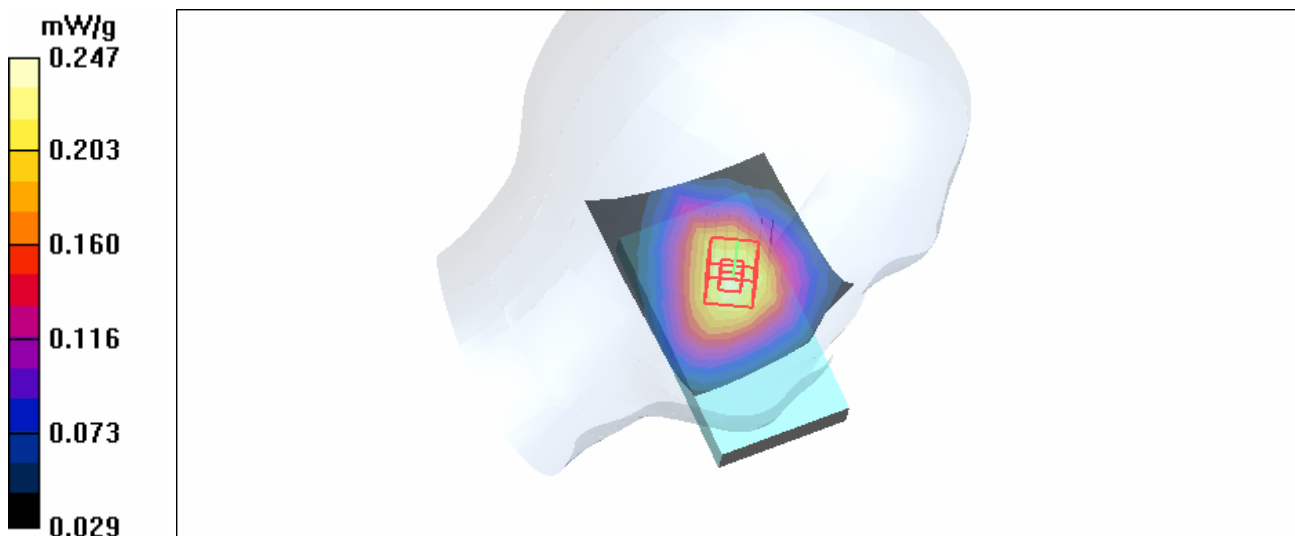
Communication System: WCDMA ; Frequency: 826.4 MHz; Duty Cycle: 1:1
 Medium: HSL835 Medium parameters used : $f = 826.4 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level: 150 mm
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK
 Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4132/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.238 mW/g

Tilt position - Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.3 V/m
 Peak SAR (extrapolated) = 0.292 W/kg
SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.172 mW/g
 Maximum value of SAR (measured) = 0.247 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-WCDMA850-Ch4182-Mode 33

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 836.4 MHz

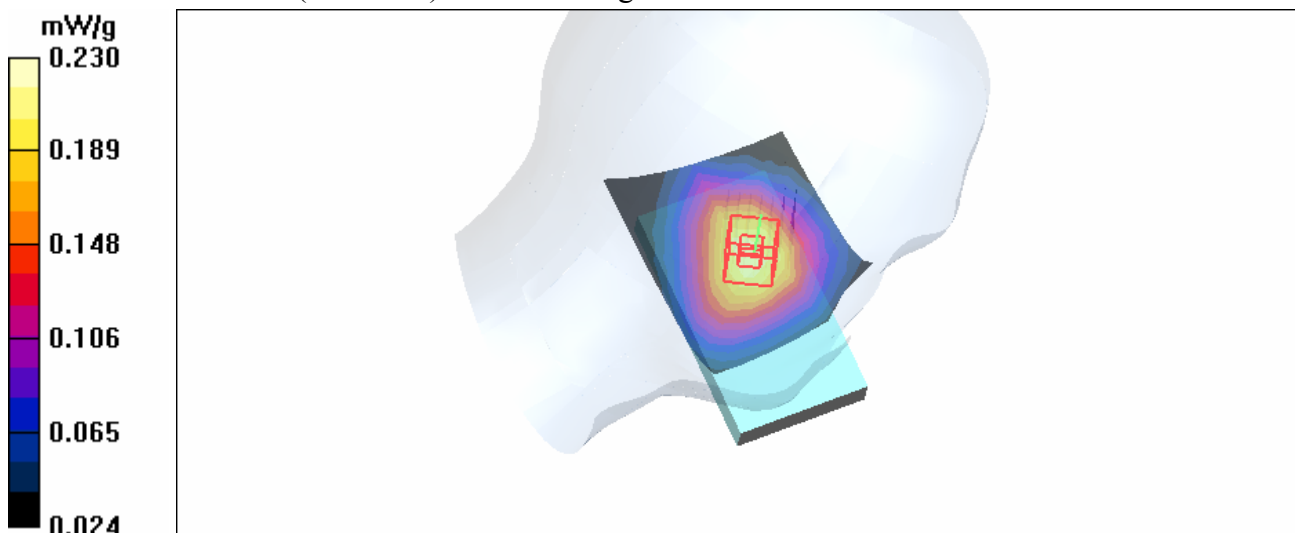
Communication System: WCDMA ; Frequency: 836.4 MHz; Duty Cycle: 1:1
 Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 41.9$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level: 150 mm
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK
 Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4182/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.217 mW/g

Tilt position - Mid Channel 4182/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 12.7 V/m
 Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.162 mW/g
 Maximum value of SAR (measured) = 0.230 mW/g



Test Laboratory: Advance Data Technology

Left Head-Tilt-WCDMA850-Ch4233-Mode 33

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 846.6 MHz

Communication System: WCDMA ; Frequency: 846.6 MHz; Duty Cycle: 1:1
 Medium: HSL835 Medium parameters used : $f = 846.6 \text{ MHz}$; $\sigma = 0.93 \text{ mho/m}$; $\epsilon_r = 41.8$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level: 150 mm
 Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: BPSK
 Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 4233/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.262 mW/g

Tilt position - High Channel 4233/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.1 V/m
 Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.184 mW/g
 Maximum value of SAR (measured) = 0.260 mW/g

