

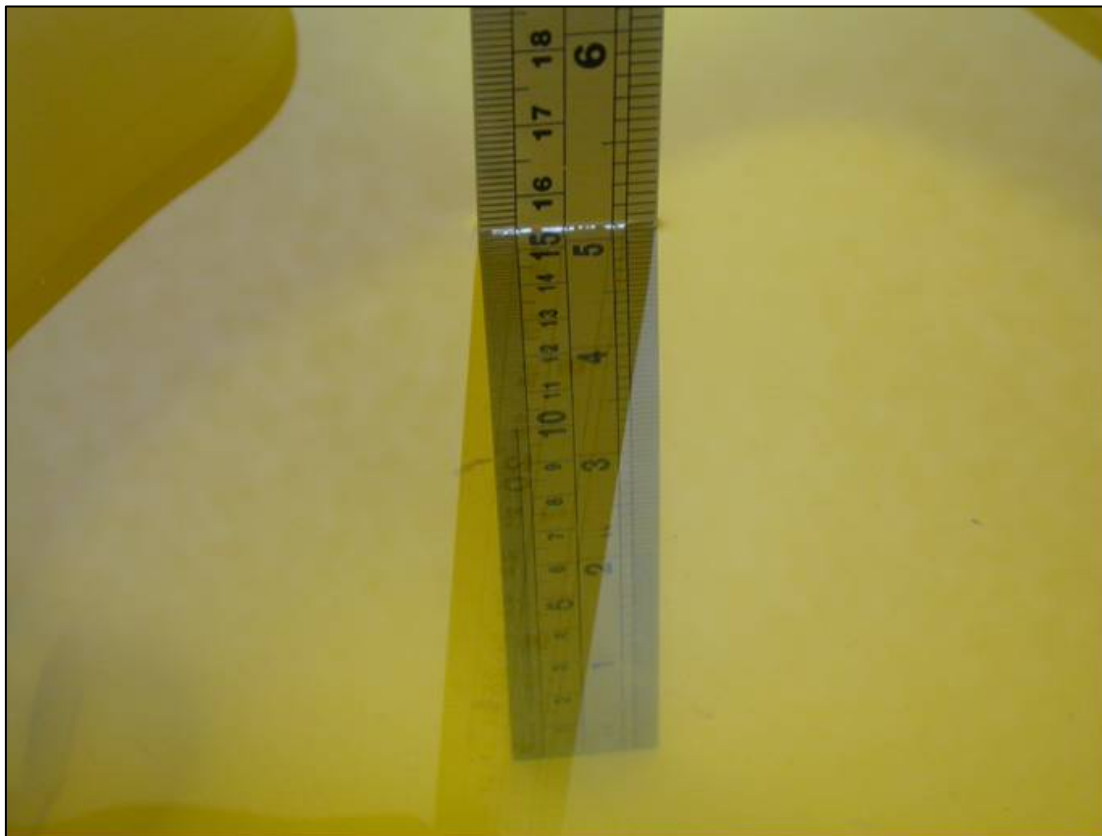
APPENDIX A: TEST DATA

Liquid Level Photo

Tissue HSL835MHz D=151mm



Tissue MSL835MHz D=155mm



Tissue HSL1900MHz D=150mm



Tissue MSL1900MHz D=152mm



Tissue HSL2450MHz D=155mm



Tissue MSL2450MHz D=152mm



Date/Time: 2006/10/30 13:50:06

Test Laboratory: Advance Data Technology

Right Head-Cheek-GSM850-CH128-Mode 1

DUT: Pocket PC Phone ; Type: MC3504 ; 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; $\sigma = 0.88$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Low Channel 128/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.146 mW/g

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

Reference Value = 11.6 V/m

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.091 mW/g

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

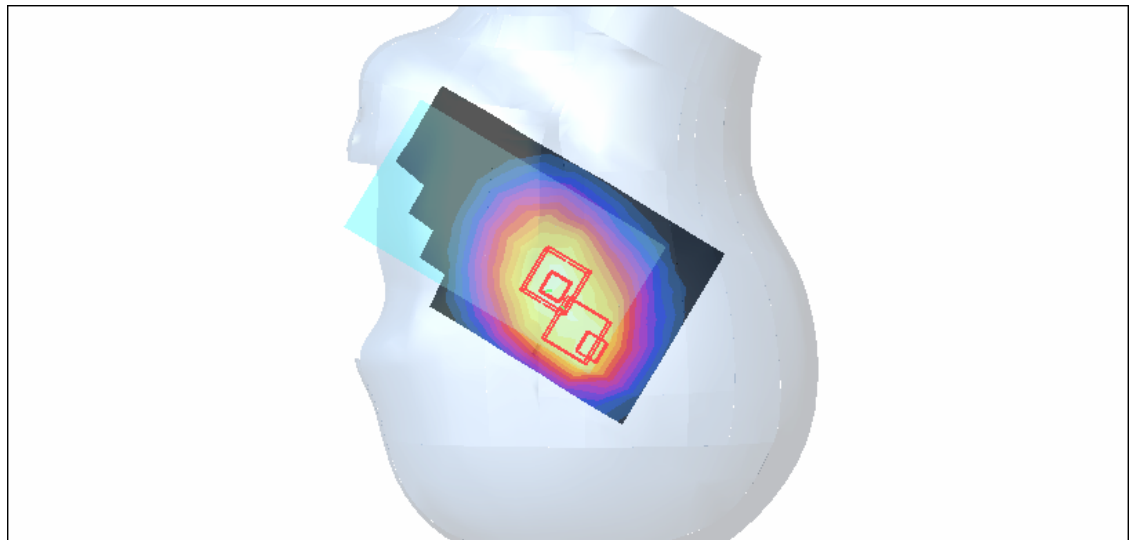
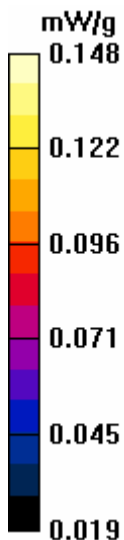
Touch position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.6 V/m

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.105 mW/g

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



Date/Time: 2006/10/30 14:28:36

Test Laboratory: Advance Data Technology

Right Head-Cheek-GSM850-CH190-Mode 1

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 836.6 MHz

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

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Mid Channel 190/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.252 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 = 14.9 V/m

Peak SAR (extrapolated) = 0.373 W/kg

SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.155 mW/g

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

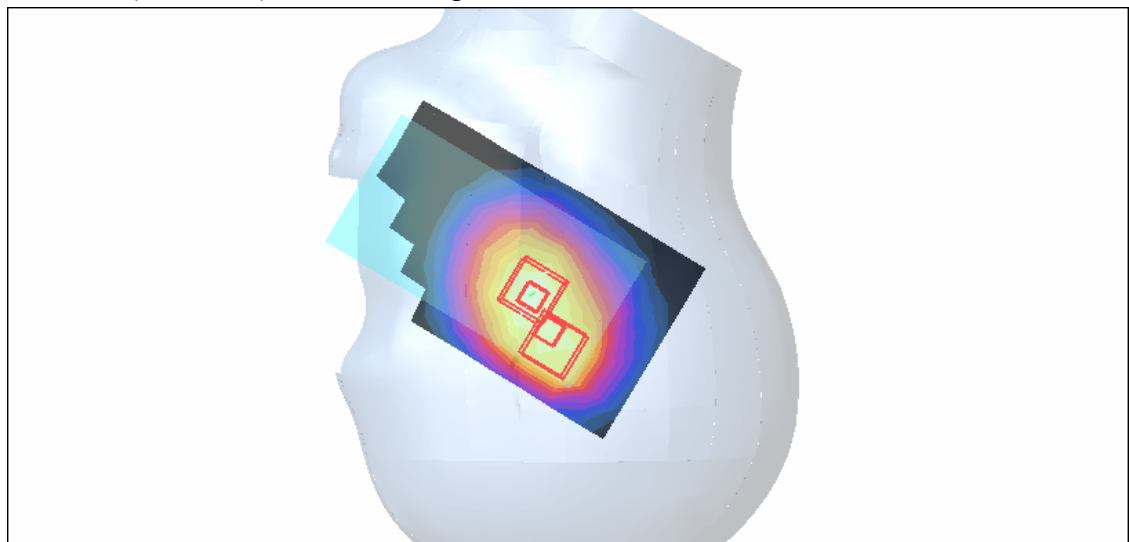
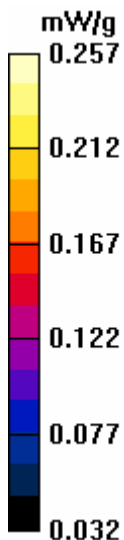
Touch position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.9 V/m

Peak SAR (extrapolated) = 0.336 W/kg

SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.180 mW/g

Maximum value of SAR (measured) = 0.257 mW/g



Date/Time: 2006/10/30 15:01:46

Test Laboratory: Advance Data Technology

Right Head-Cheek-GSM850-CH251-Mode 1

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.397 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 = 18.5 V/m

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 0.399 mW/g

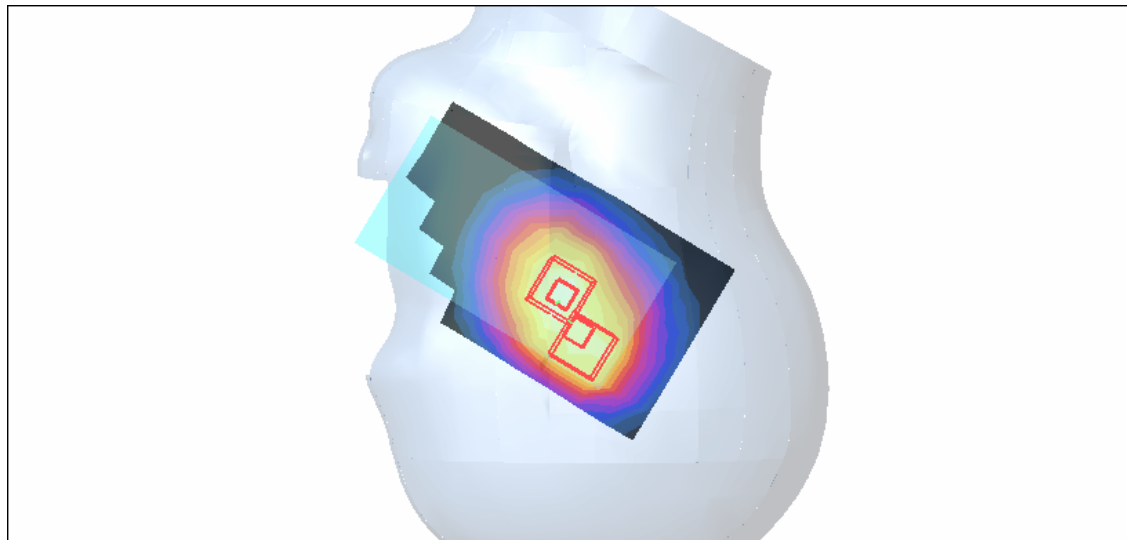
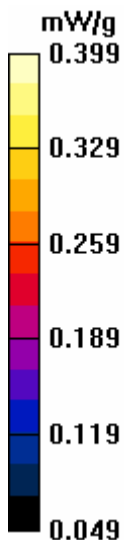
Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.5 V/m

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.242 mW/g

Maximum value of SAR (measured) = 0.383 mW/g



Date/Time: 2006/10/30 15:33:26

Test Laboratory: Advance Data Technology

Right Head-Tilt-GSM850-CH128-Mode 2

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 824.2 MHz

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

Medium: HSL835 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 128/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.118 mW/g

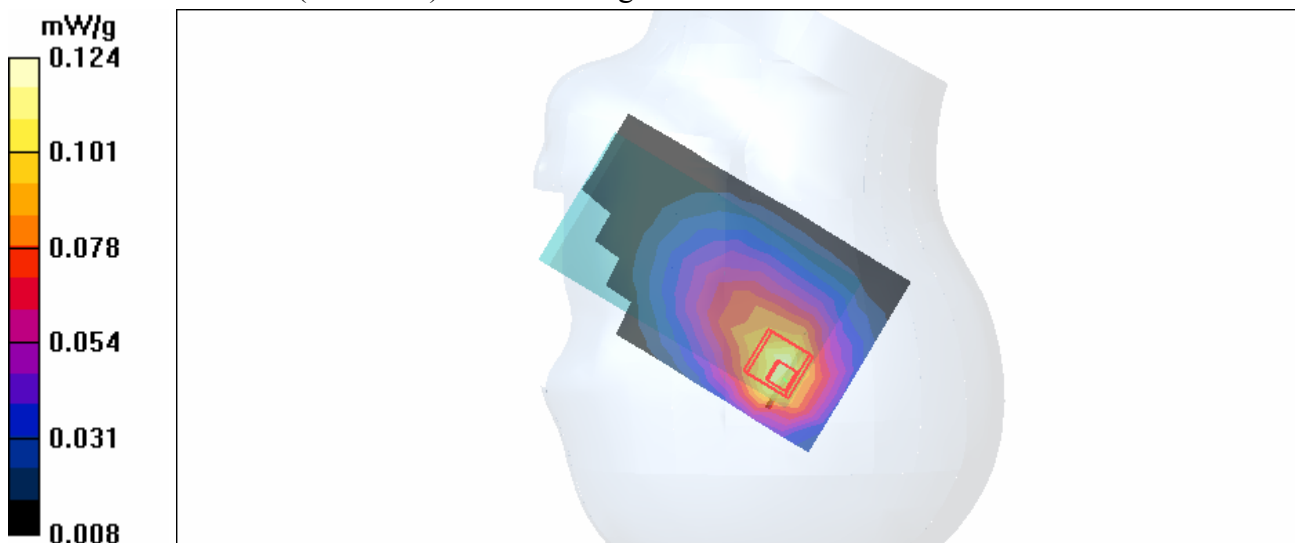
Tilt position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.072 mW/g

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



Date/Time: 2006/10/30 15:54:47

Test Laboratory: Advance Data Technology

Right Head-Tilt-GSM850-CH190-Mode 2

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 836.6 MHz

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

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Mid Channel 190/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.202 mW/g

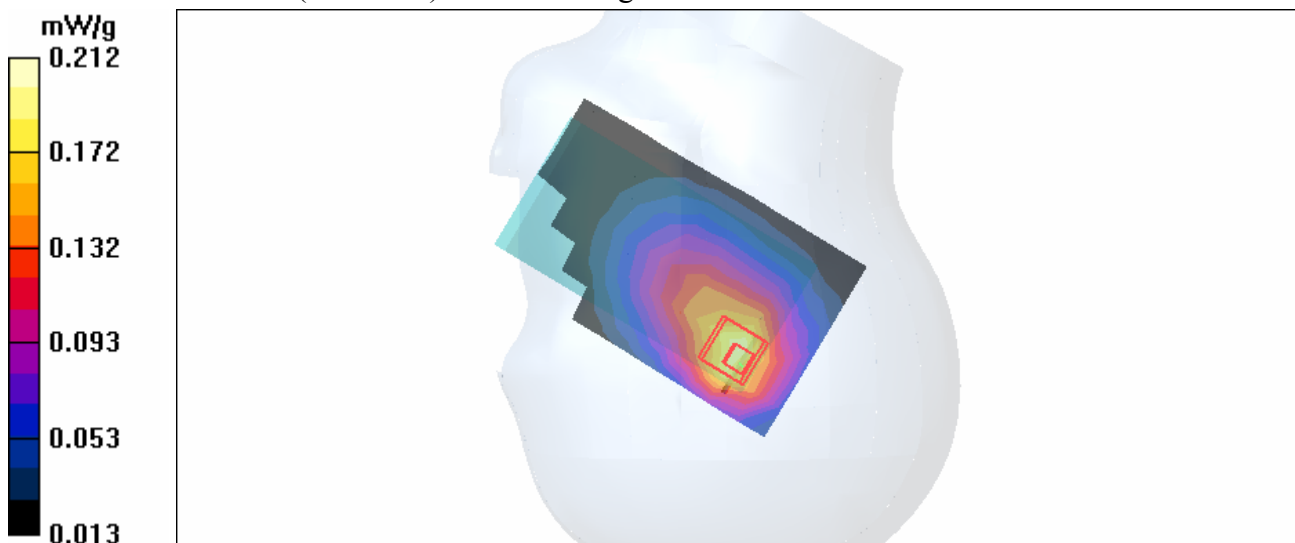
Tilt position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.2 V/m

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.123 mW/g

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



Date/Time: 2006/10/30 16:14:10

Test Laboratory: Advance Data Technology

Right Head-Tilt-GSM850-CH251-Mode 2

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.338 mW/g

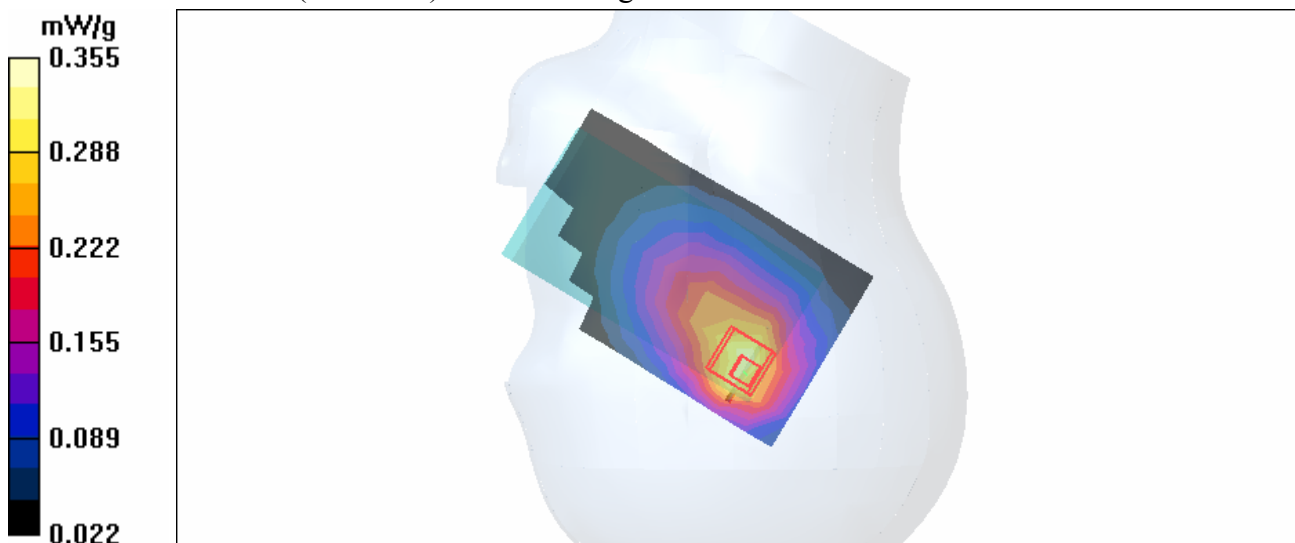
Tilt position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.0 V/m

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.355 mW/g



Date/Time: 2006/10/30 16:53:29

Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-CH128-Mode 3

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 824.2 MHz

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

Medium: HSL835 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Low Channel 128/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.194 mW/g

Touch position - Low Channel 128/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) = 0.244 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.143 mW/g

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



Date/Time: 2006/10/30 17:15:54

Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-CH190-Mode 3

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 836.6 MHz

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

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Mid Channel 190/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.339 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 = 17.0 V/m

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.251 mW/g

Maximum value of SAR (measured) = 0.350 mW/g



Date/Time: 2006/10/30 17:35:39

Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-CH251-Mode 3

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.557 mW/g

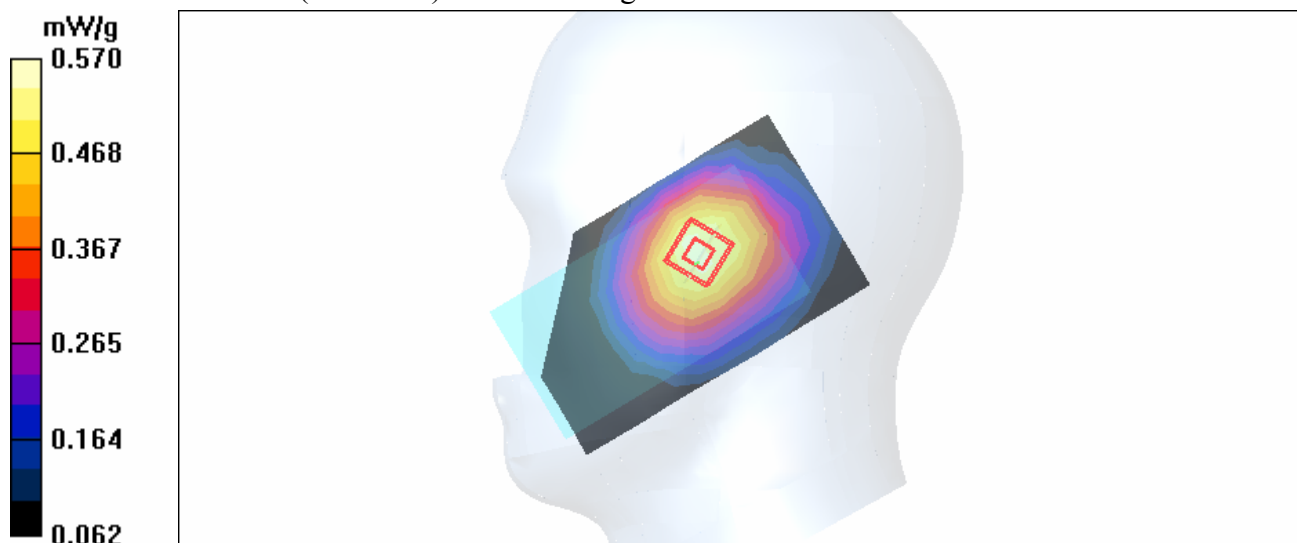
Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

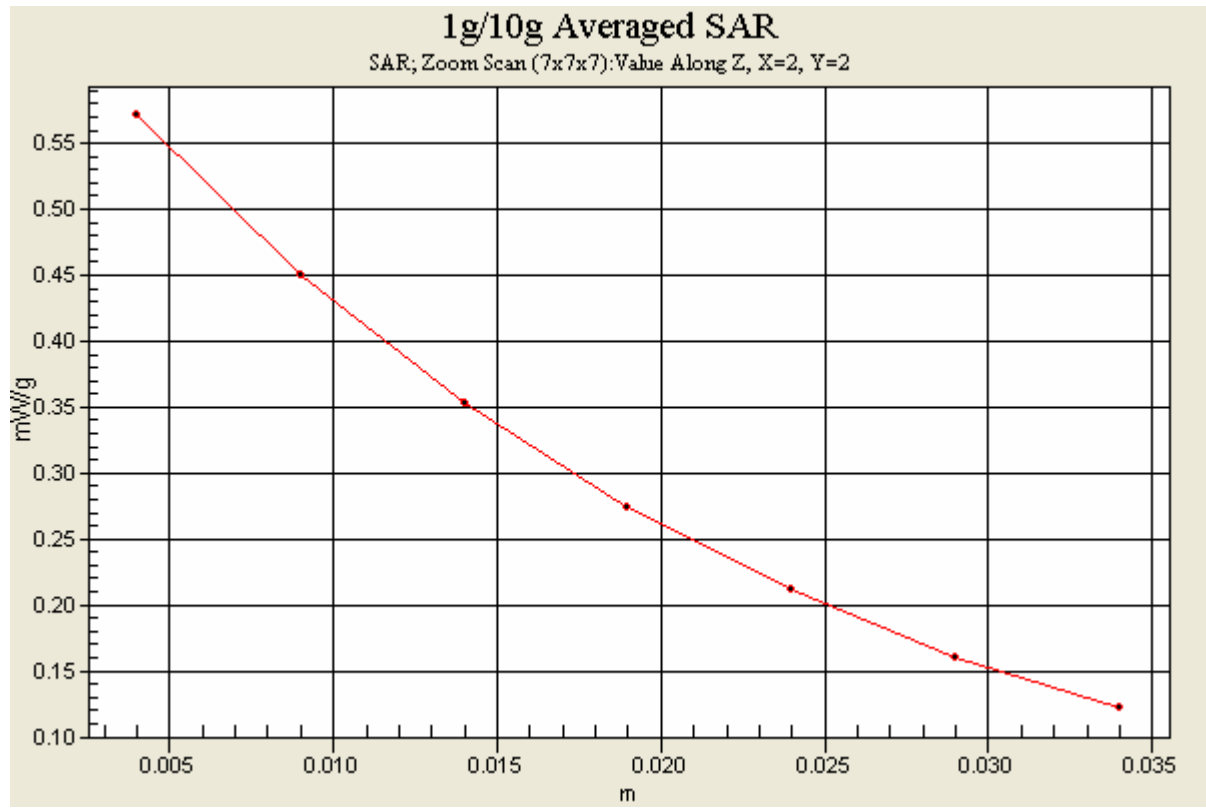
Reference Value = 21.4 V/m

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.570 mW/g





Date/Time: 2006/10/30 17:56:24

Test Laboratory: Advance Data Technology

Left Head-Tilt-GSM850-CH128-Mode 4

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 824.2 MHz

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

Medium: HSL835 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.88 \text{ mho/m}$; $\epsilon_r = 42.5$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 128/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.139 mW/g

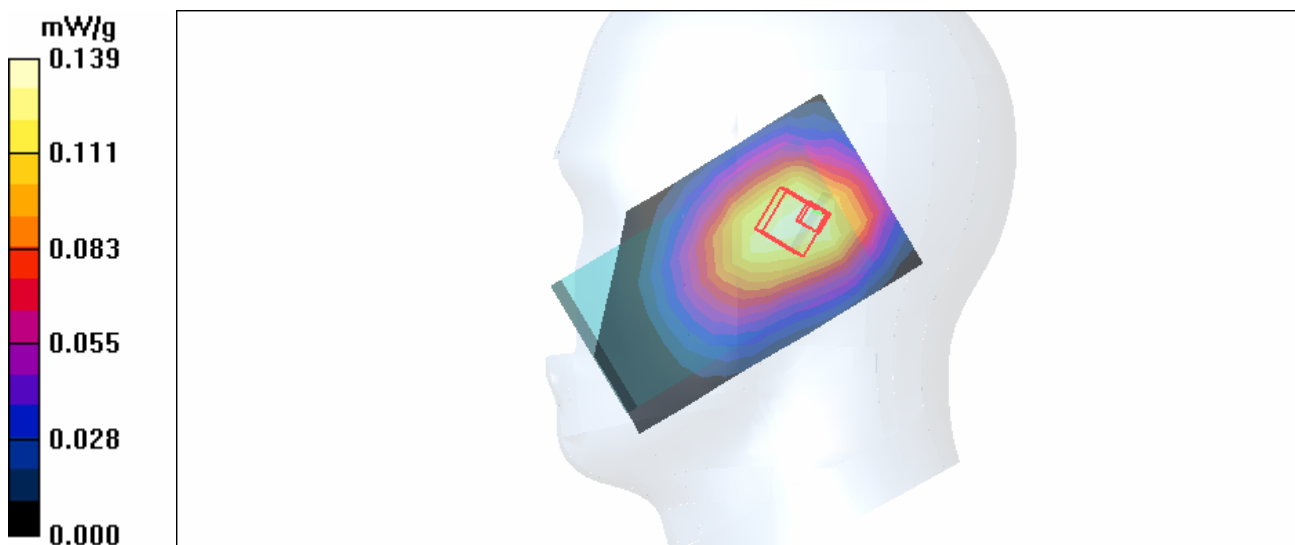
Tilt position - Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.5 V/m

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.137 mW/g



Date/Time: 2006/10/30 18:15:34

Test Laboratory: Advance Data Technology

Left Head-Tilt-GSM850-CH190-Mode 4

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 836.6 MHz

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

Medium: HSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.2$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Mid Channel 190/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.242 mW/g

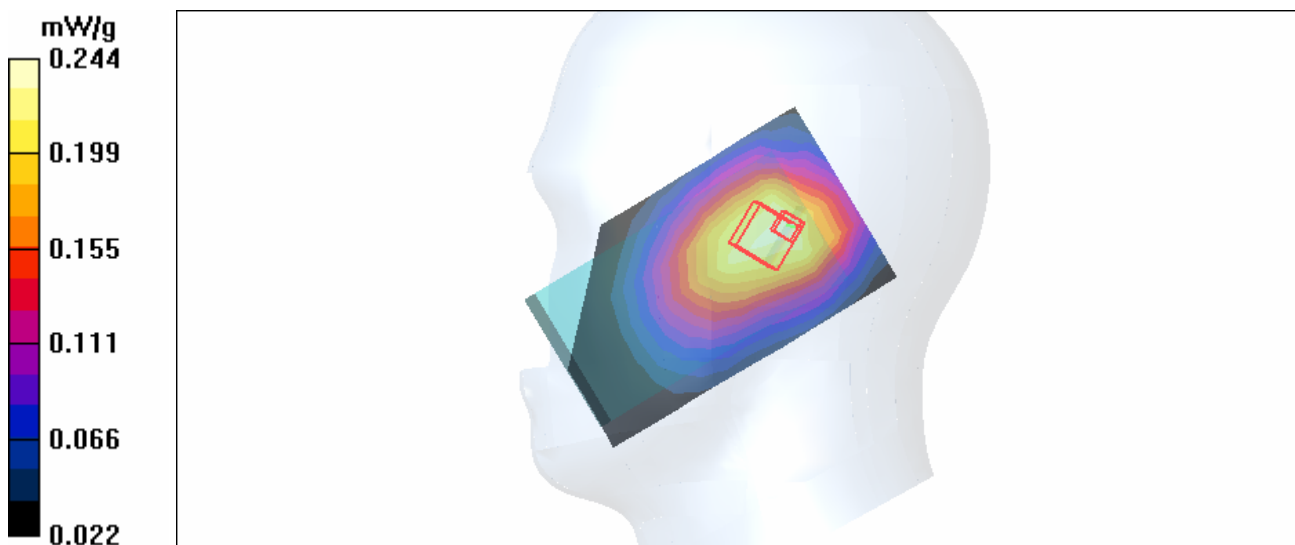
Tilt position - Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.6 V/m

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.169 mW/g

Maximum value of SAR (measured) = 0.244 mW/g



Date/Time: 2006/10/30 18:34:43

Test Laboratory: Advance Data Technology

Left Head-Tilt-GSM850-CH251-Mode 4

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

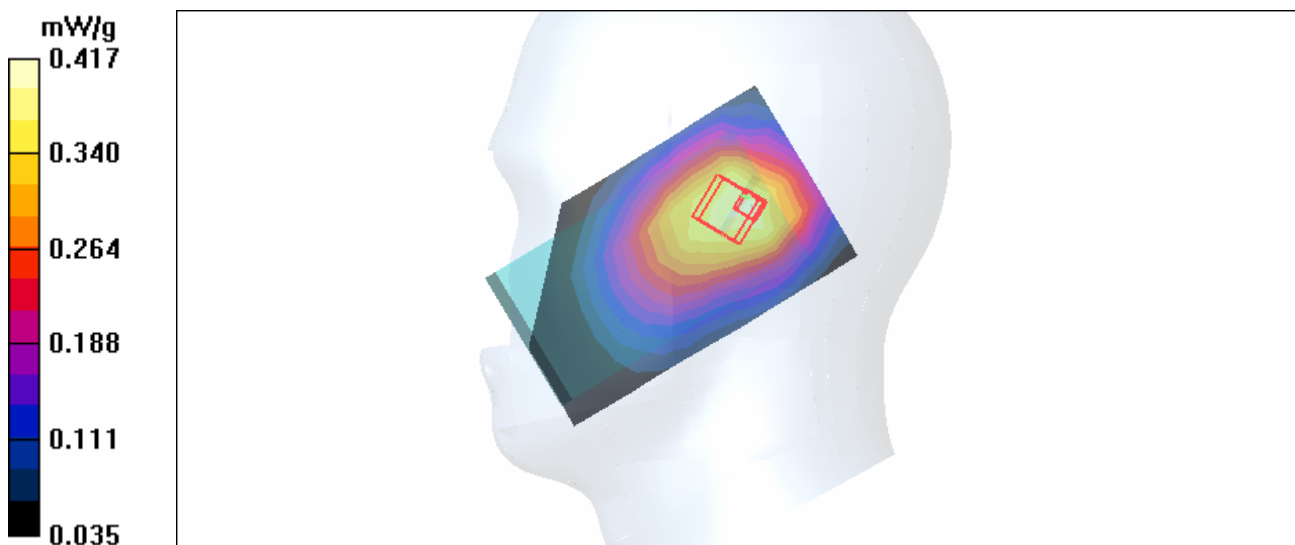
Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.412 mW/g

Tilt 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 = 18.5 V/m
Peak SAR (extrapolated) = 0.596 W/kg
SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.284 mW/g
Maximum value of SAR (measured) = 0.417 mW/g



Date/Time: 2006/10/27 16:12:31

Test Laboratory: Advance Data Technology

Body Worn-GPRS850-Ch128-Keypad Down-Mode 5

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 824.2 MHz

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

Medium: MSL835 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 54.3$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 128/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.613 mW/g

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

Reference Value = 26.1 V/m

Peak SAR (extrapolated) = 0.828 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.419 mW/g

Maximum value of SAR (measured) = 0.603 mW/g

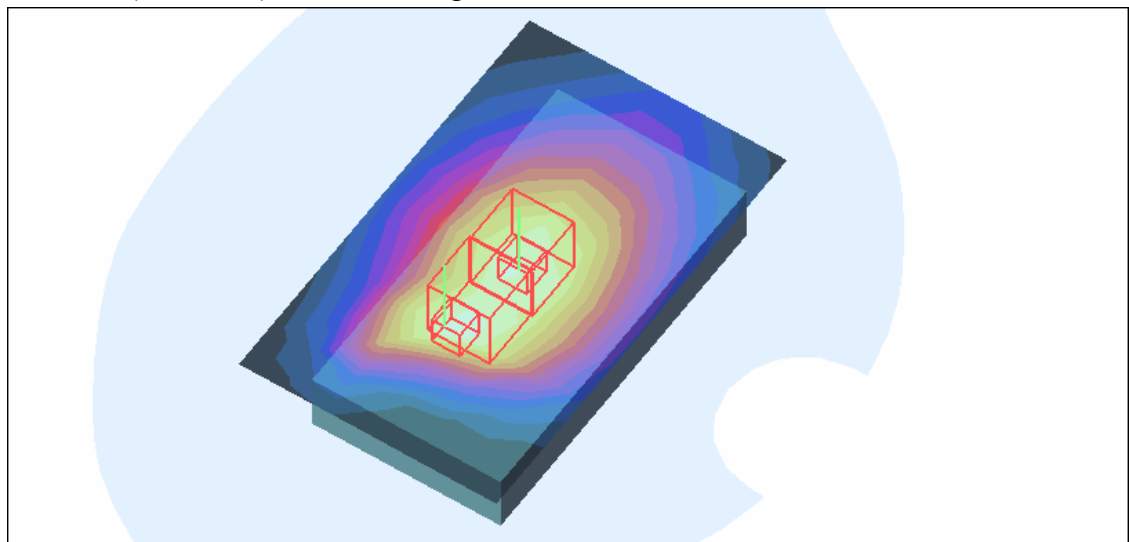
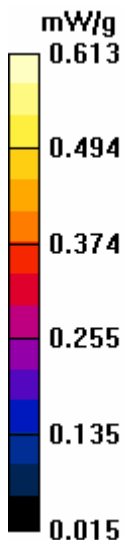
Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.1 V/m

Peak SAR (extrapolated) = 0.700 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.398 mW/g

Maximum value of SAR (measured) = 0.596 mW/g



Date/Time: 2006/10/27 16:43:07

Test Laboratory: Advance Data Technology

Body Worn-GPRS850-Ch190-Keypad Down-Mode 5

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 836.6 MHz

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

Medium: MSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 53.7$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 190/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.802 mW/g

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 = 28.8 V/m

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.514 mW/g

Maximum value of SAR (measured) = 0.791 mW/g

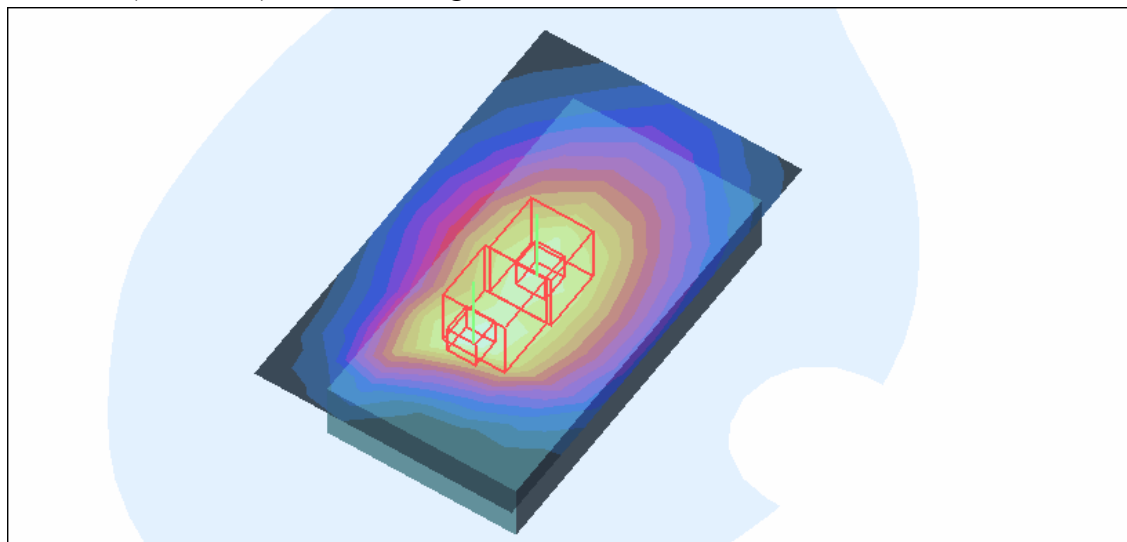
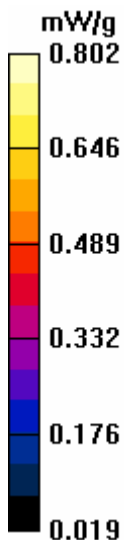
Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.8 V/m

Peak SAR (extrapolated) = 0.905 W/kg

SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.537 mW/g

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



Date/Time: 2006/10/27 17:17:15

Test Laboratory: Advance Data Technology

Body Worn-GPRS850-Ch251-Keypad Down-Mode 5

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.920 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 = 30.5 V/m

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.578 mW/g

Maximum value of SAR (measured) = 0.909 mW/g

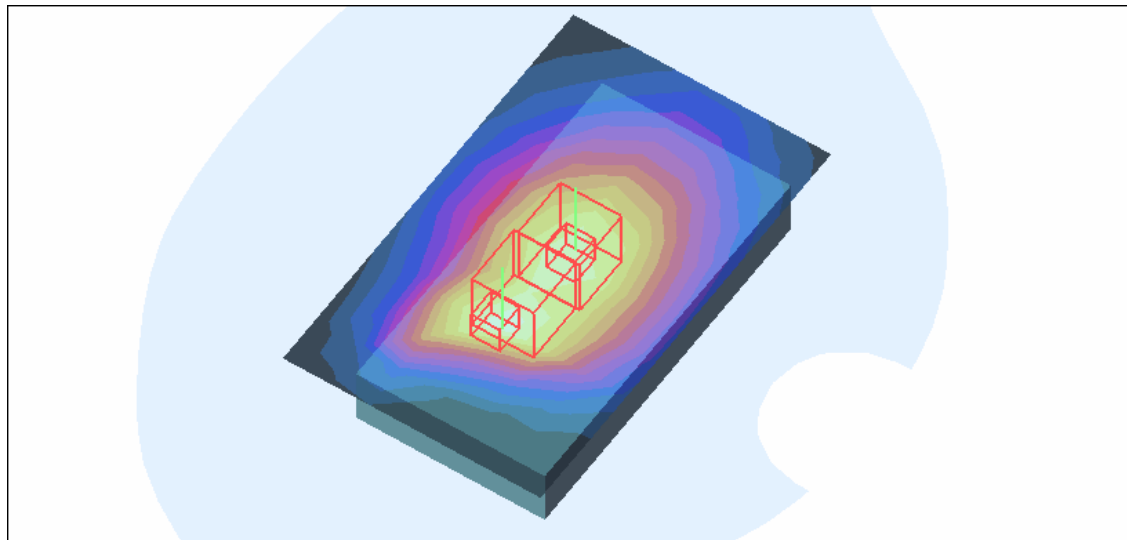
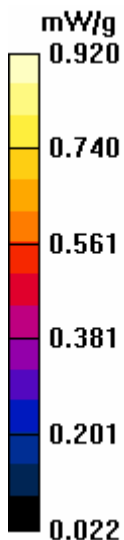
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

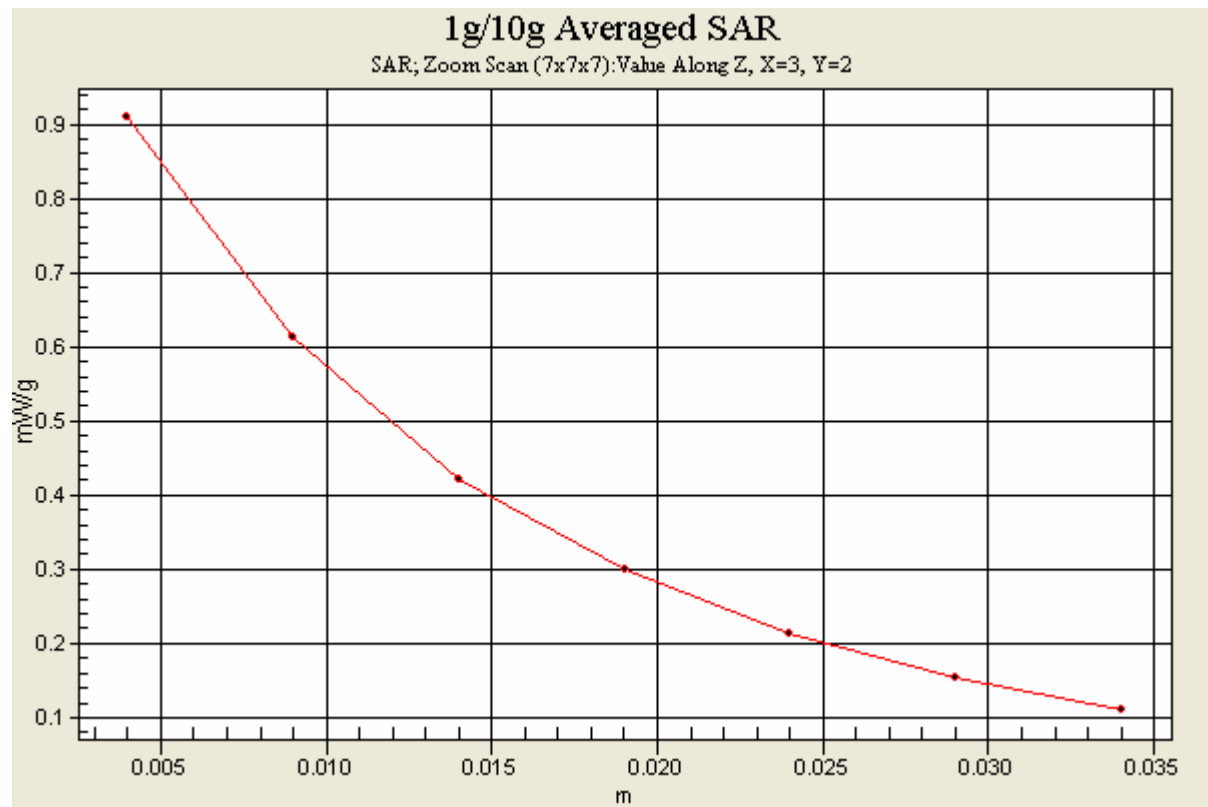
Reference Value = 30.5 V/m

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 0.858 mW/g





Date/Time: 2006/10/27 17:58:16

Test Laboratory: Advance Data Technology

Body Worn-GPRS850-Ch251-Keypad Up-Mode 6

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

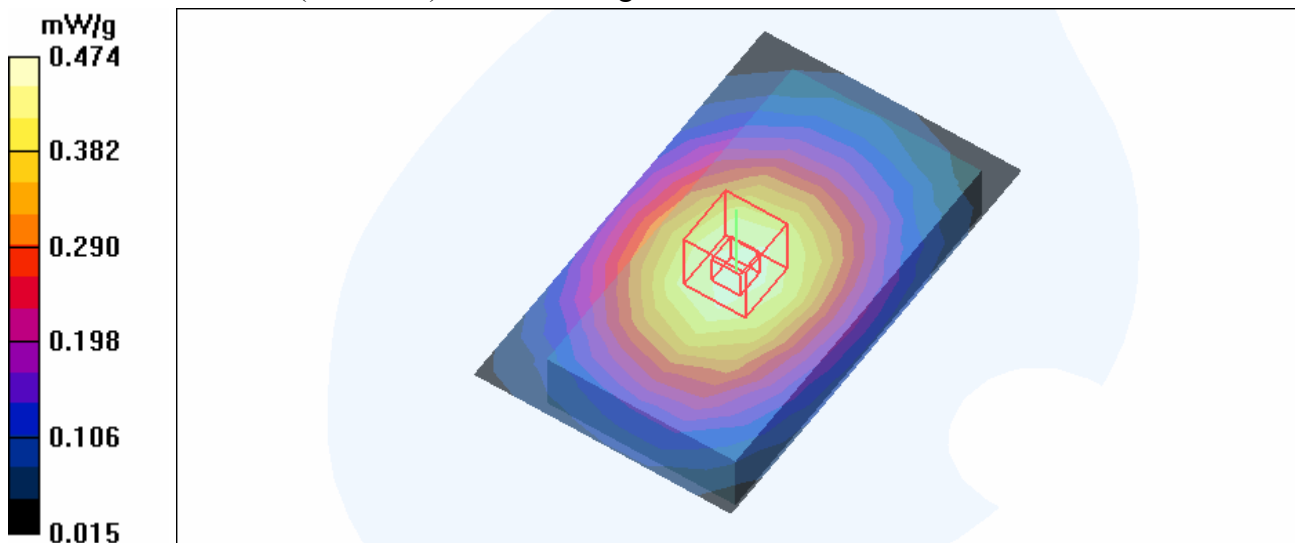
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.8 V/m

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.333 mW/g

Maximum value of SAR (measured) = 0.467 mW/g



Date/Time: 2006/10/27 18:50:30

Test Laboratory: Advance Data Technology

Body Worn-GSM850-Ch251-Keypad Down-Mode 7

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.720 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 = 28.3 V/m

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 0.690 mW/g

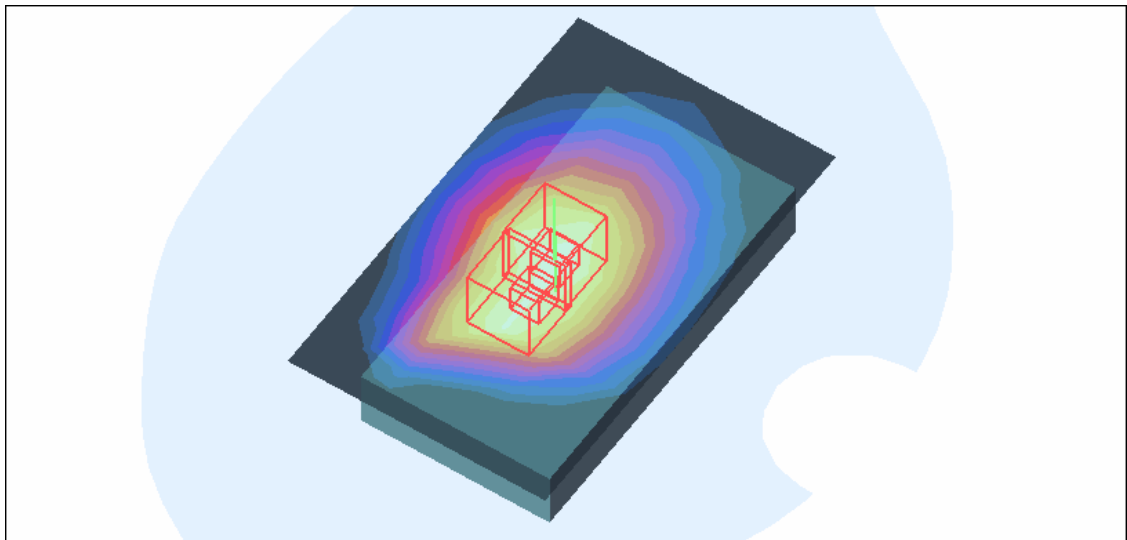
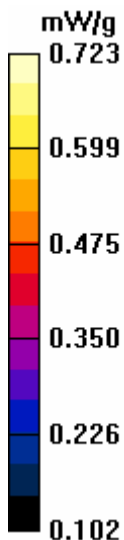
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 28.3 V/m

Peak SAR (extrapolated) = 0.863 W/kg

SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.505 mW/g

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



Date/Time: 2006/10/27 19:21:53

Test Laboratory: Advance Data Technology

Body Worn-GSM850-Ch251-Keypad Up-Mode 8

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.371 mW/g

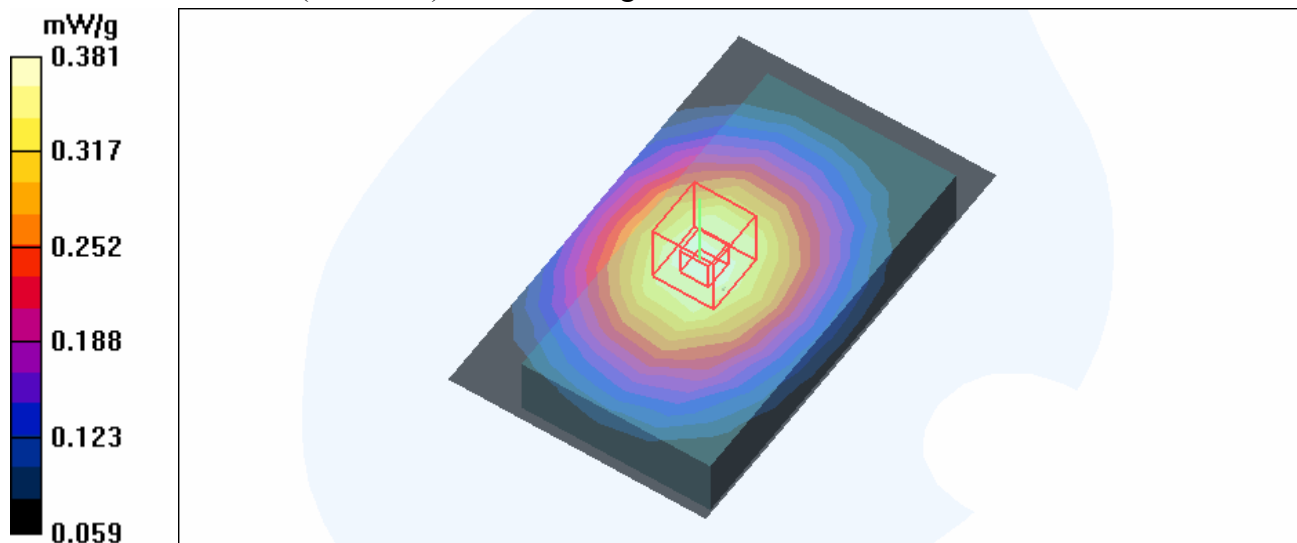
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.1 V/m

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.381 mW/g



Test Laboratory: Advance Data Technology

Body Worn-E-GPRS850-Ch251-Keypad Down-Mode 9

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.290 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 = 17.4 V/m

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.275 mW/g; SAR(10 g) = 0.195 mW/g

Maximum value of SAR (measured) = 0.297 mW/g

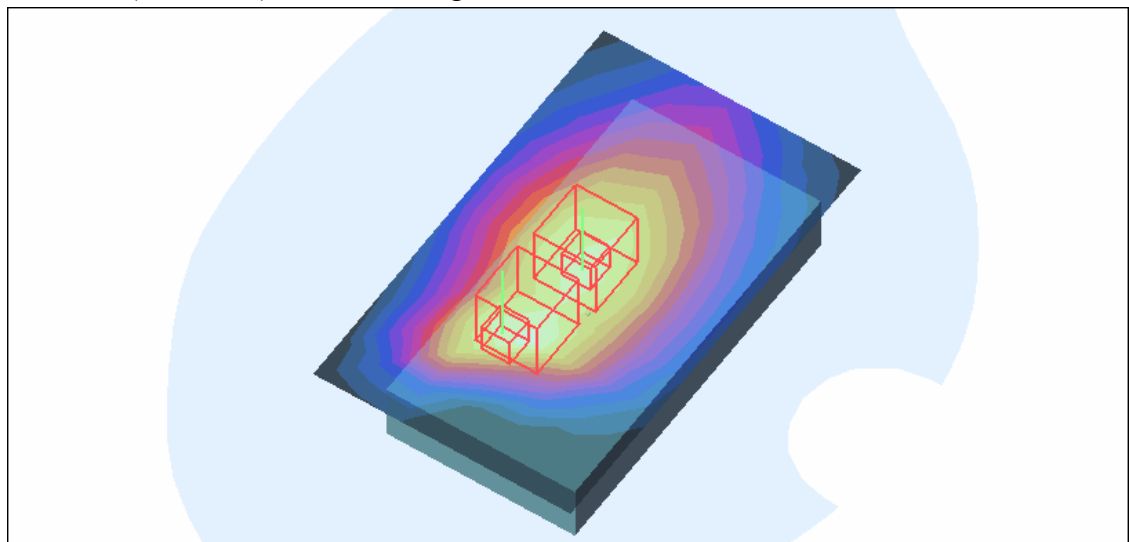
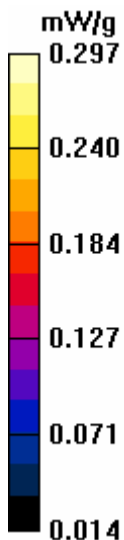
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 17.4 V/m

Peak SAR (extrapolated) = 0.332 W/kg

SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.184 mW/g

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



Date/Time: 2006/10/27 20:22:15

Test Laboratory: Advance Data Technology

Body Worn-E-GPRS850-Ch251-Keypad Up-Mode 10

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.108 mW/g

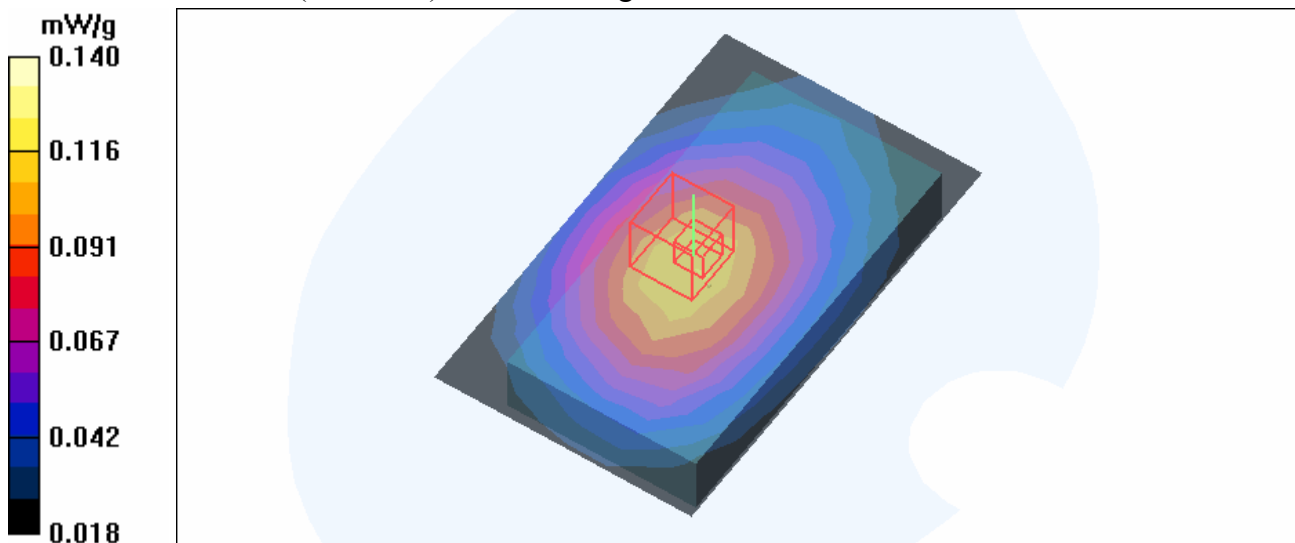
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.140 mW/g



Date/Time: 2006/10/27 20:57:07

Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-GPRS850-CH251-No Cam-Mode 11

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.868 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 = 27.6 V/m

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 0.856 mW/g

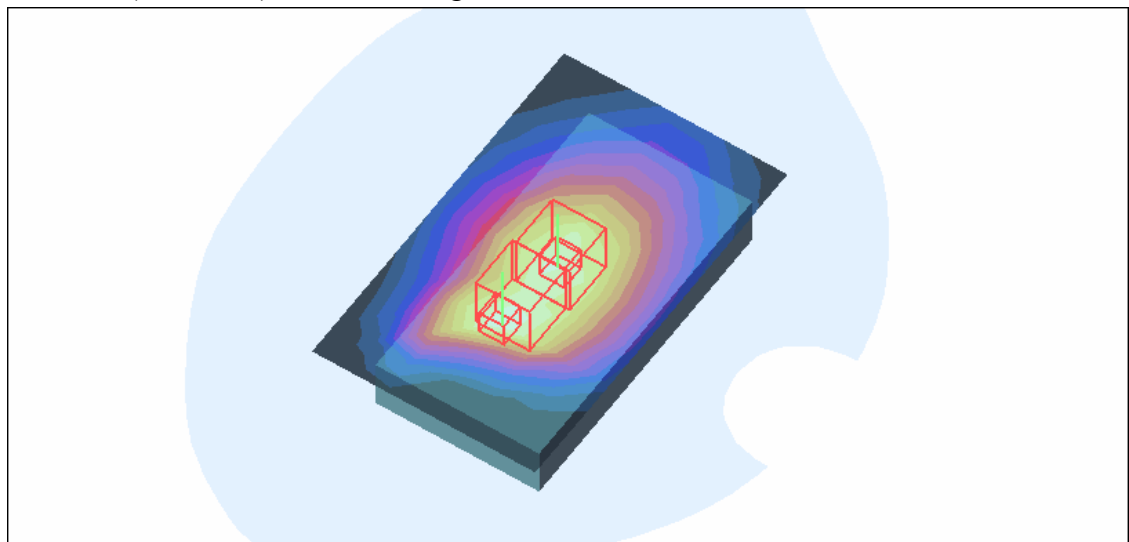
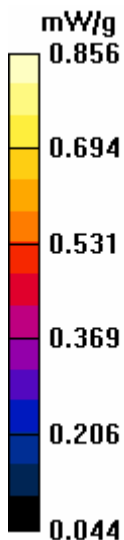
Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.6 V/m

Peak SAR (extrapolated) = 0.980 W/kg

SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.581 mW/g

Maximum value of SAR (measured) = 0.824 mW/g



Date/Time: 2006/10/27 21:33:15

Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-GPRS850-CH251-Thick Battery-Mode 12

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.781 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 = 25.3 V/m

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.491 mW/g

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

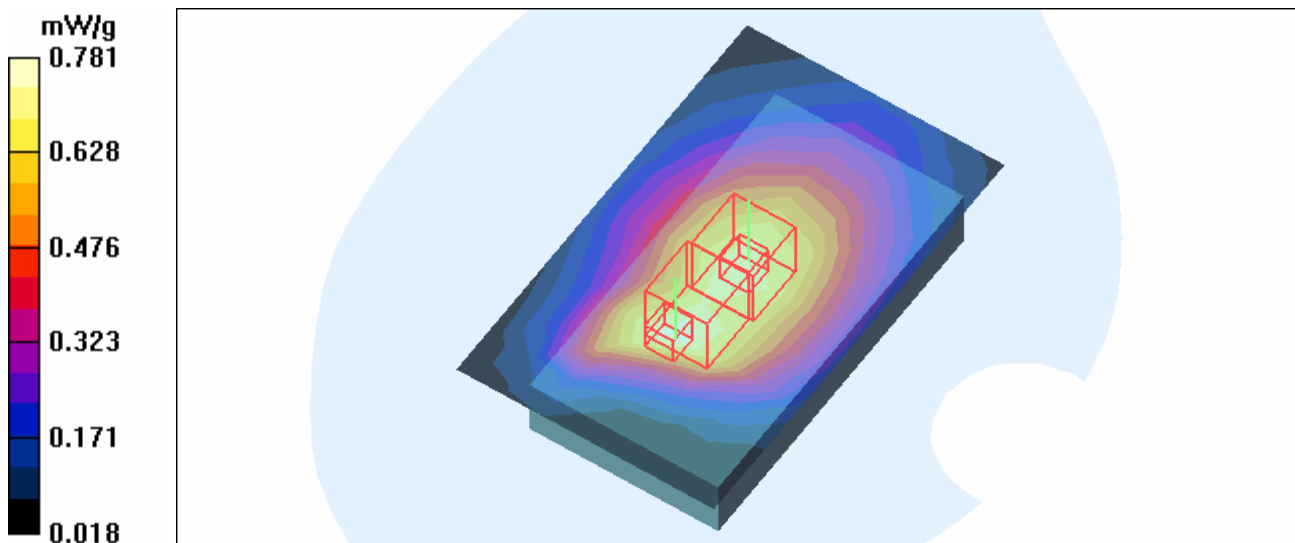
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.3 V/m

Peak SAR (extrapolated) = 0.880 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.515 mW/g

Maximum value of SAR (measured) = 0.728 mW/g



Date/Time: 2006/11/3 11:34:27

Test Laboratory: Advance Data Technology

Right Head-Cheek-PCS1900-CH512-Mode 13

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.193 mW/g

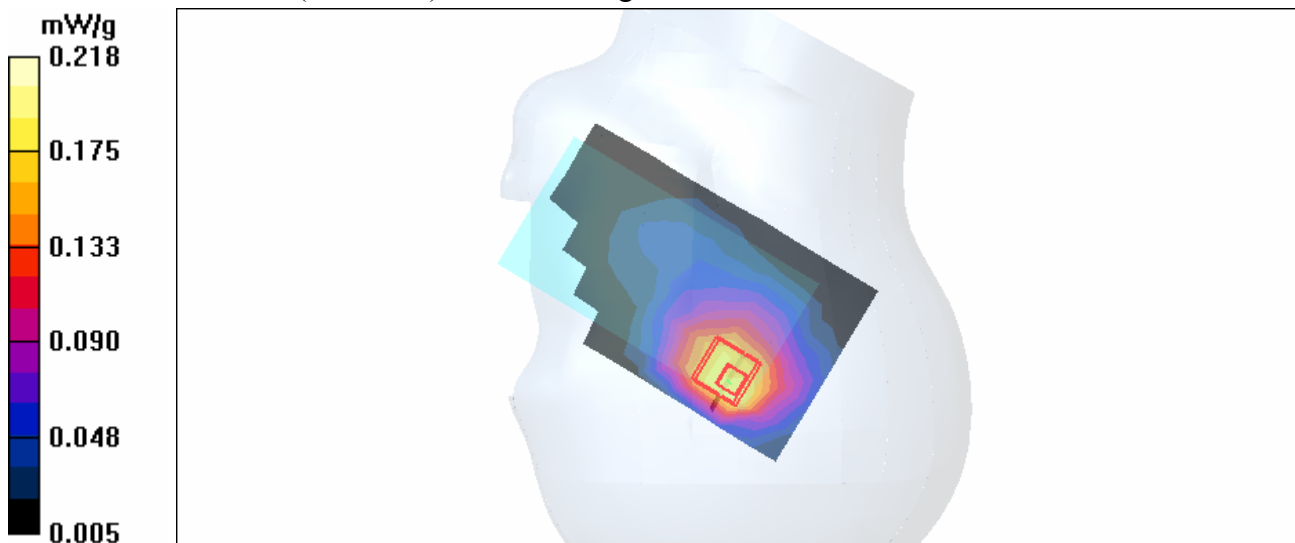
Touch position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.41 V/m

Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.118 mW/g

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



Date/Time: 2006/11/3 11:54:30

Test Laboratory: Advance Data Technology

Right Head-Cheek-PCS1900-CH661-Mode 13

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Mid Channel 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

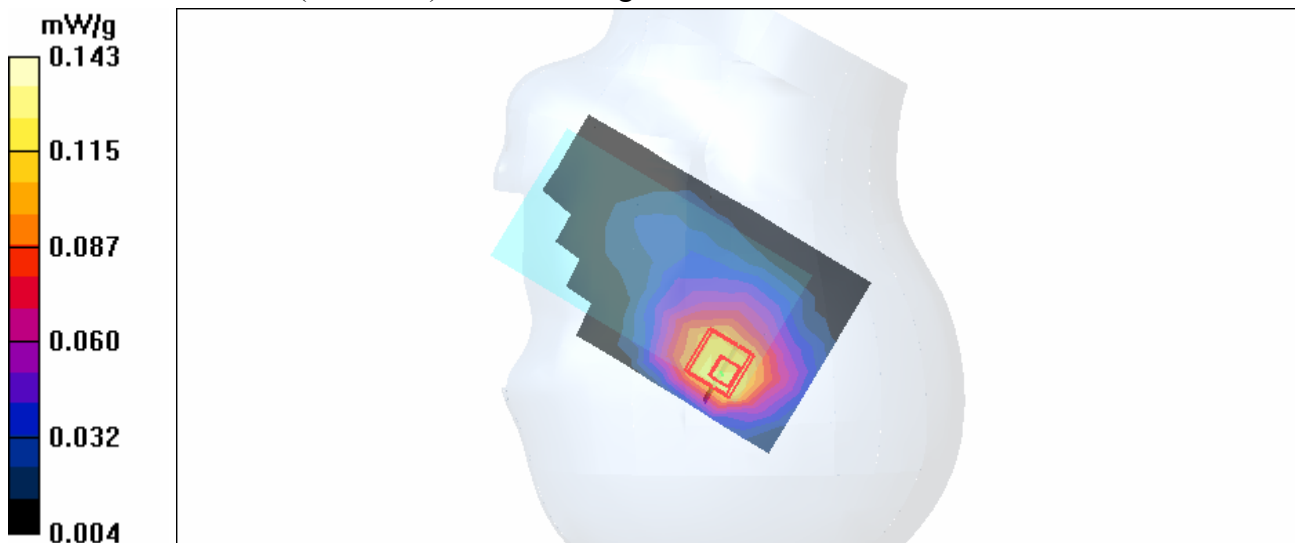
Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.46 V/m

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



Date/Time: 2006/11/3 12:31:24

Test Laboratory: Advance Data Technology

Right Head-Cheek-PCS1900-CH810-Mode 13

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.109 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 = 6.99 V/m

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.069 mW/g

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



Date/Time: 2006/11/3 13:04:51

Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-CH512-Mode 14

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.207 mW/g

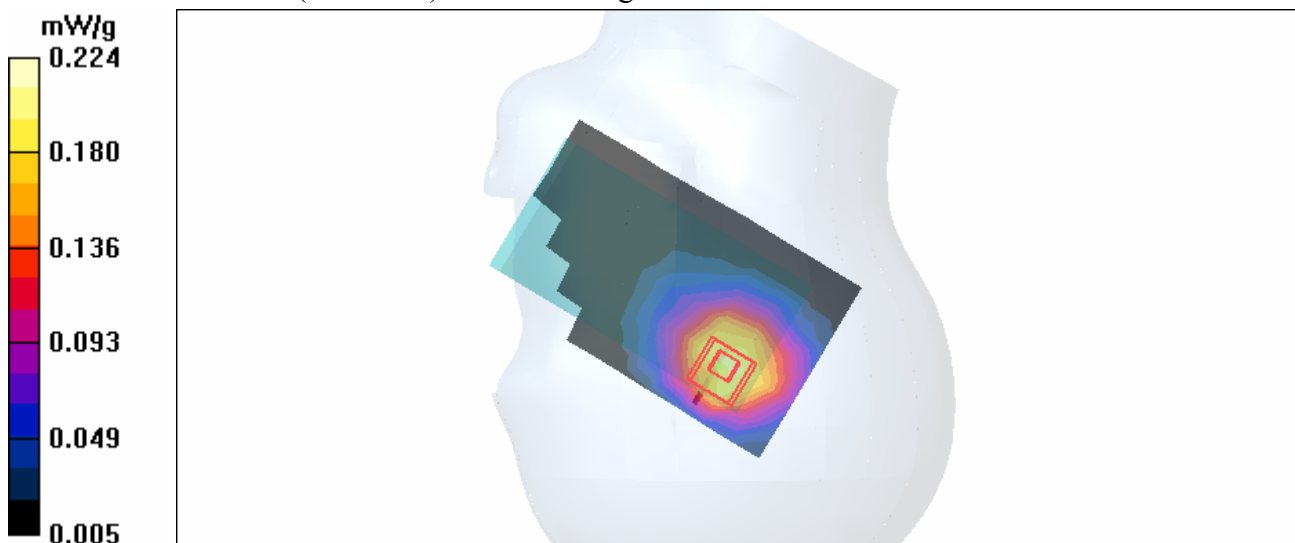
Tilt position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

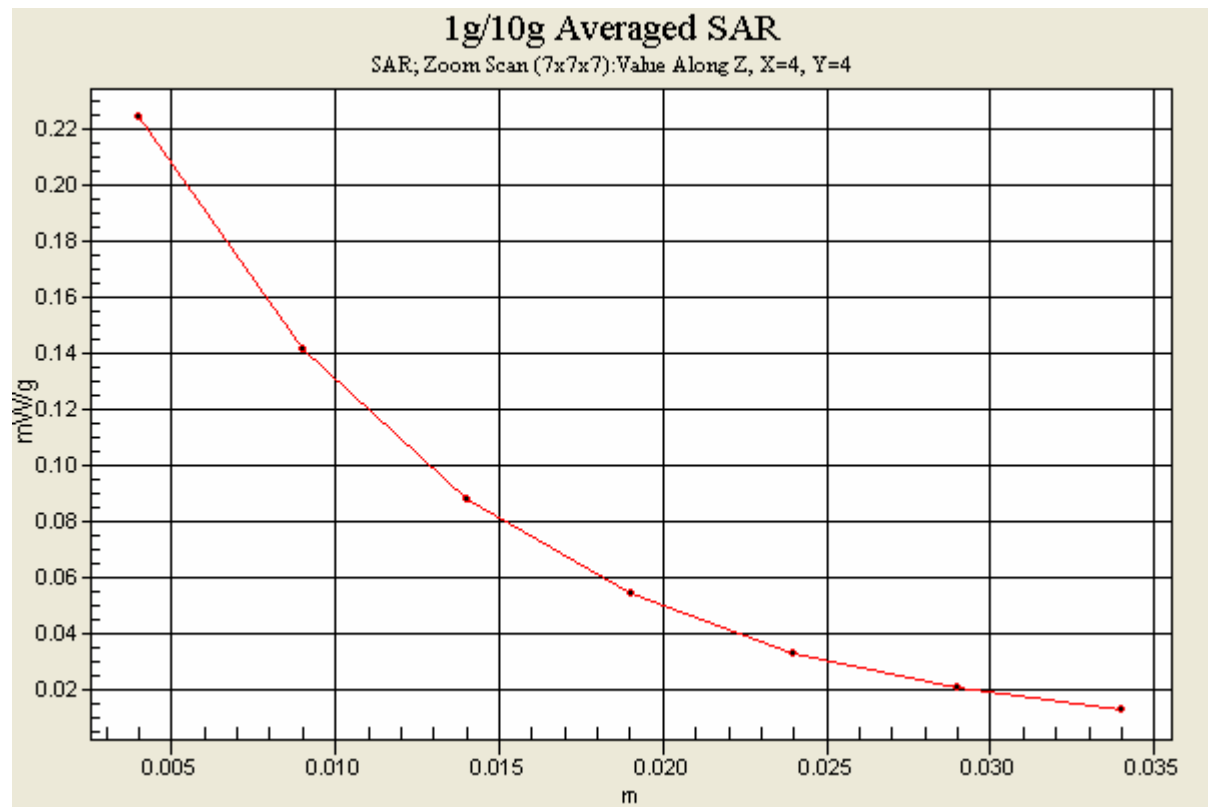
Reference Value = 11.7 V/m

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.124 mW/g

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





Date/Time: 2006/11/3 13:24:46

Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-CH661-Mode 14

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Mid Channel 661/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.134 mW/g

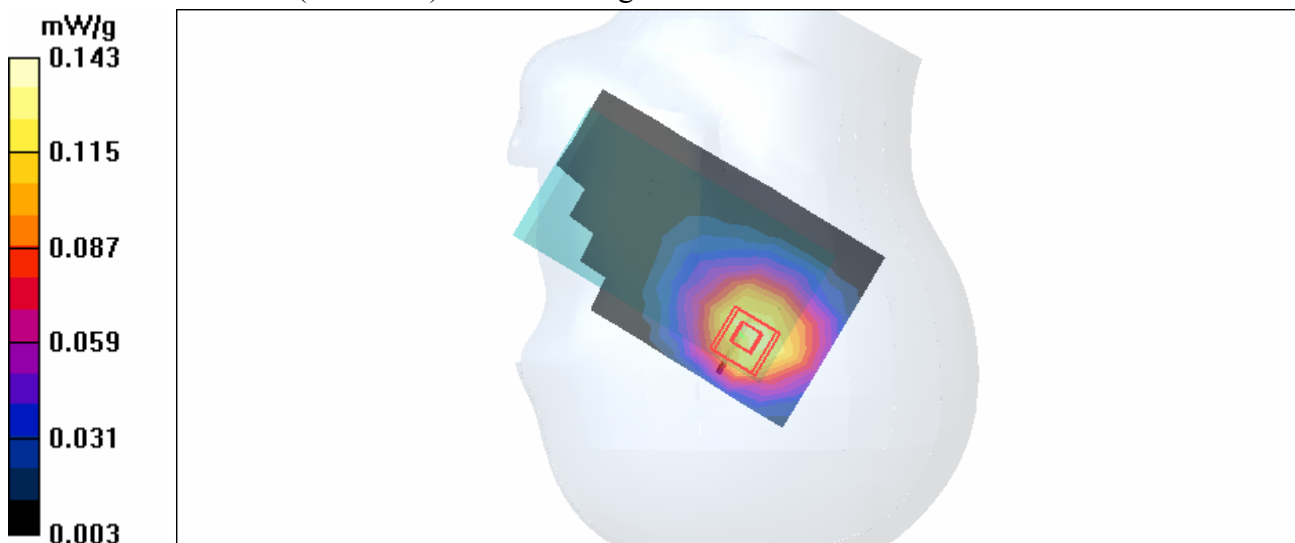
Tilt position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.36 V/m

Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.143 mW/g



Date/Time: 2006/11/3 13:44:06

Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-CH810-Mode 14

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

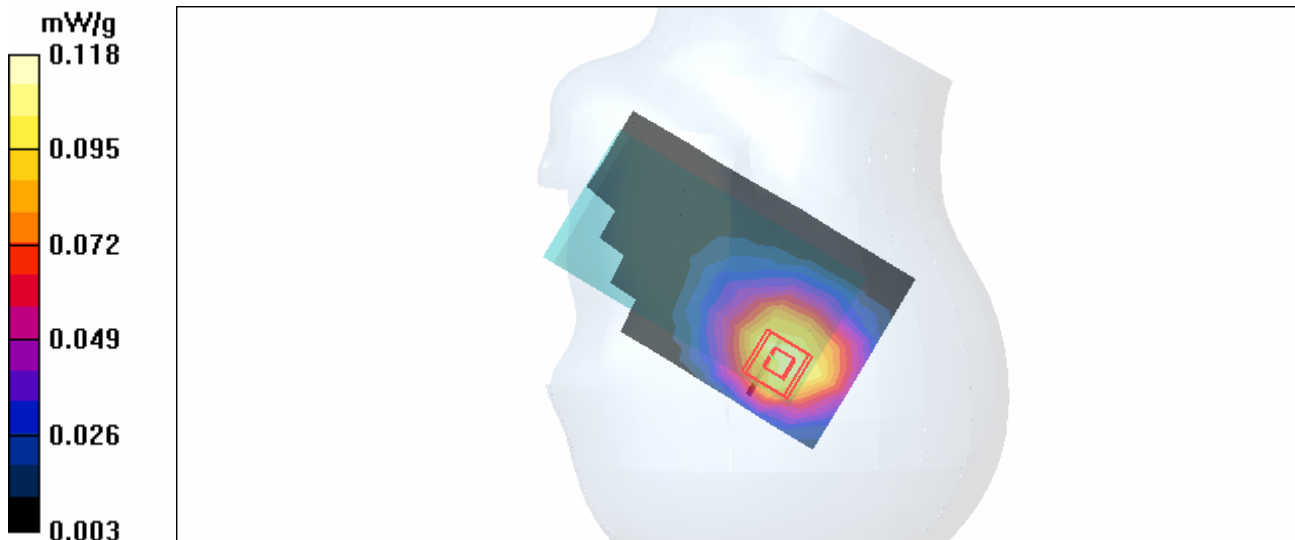
Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - High Channel 810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.112 mW/g

Tilt position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 8.39 V/m
Peak SAR (extrapolated) = 0.181 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.065 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



Date/Time: 2006/11/3 14:12:23

Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-CH512-Mode 15

DUT: Pocket PC Phone ; Type: MC3504 ; 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; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.9$; $\rho = 1000$ kg/m³ ; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Low Channel 512/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.179 mW/g

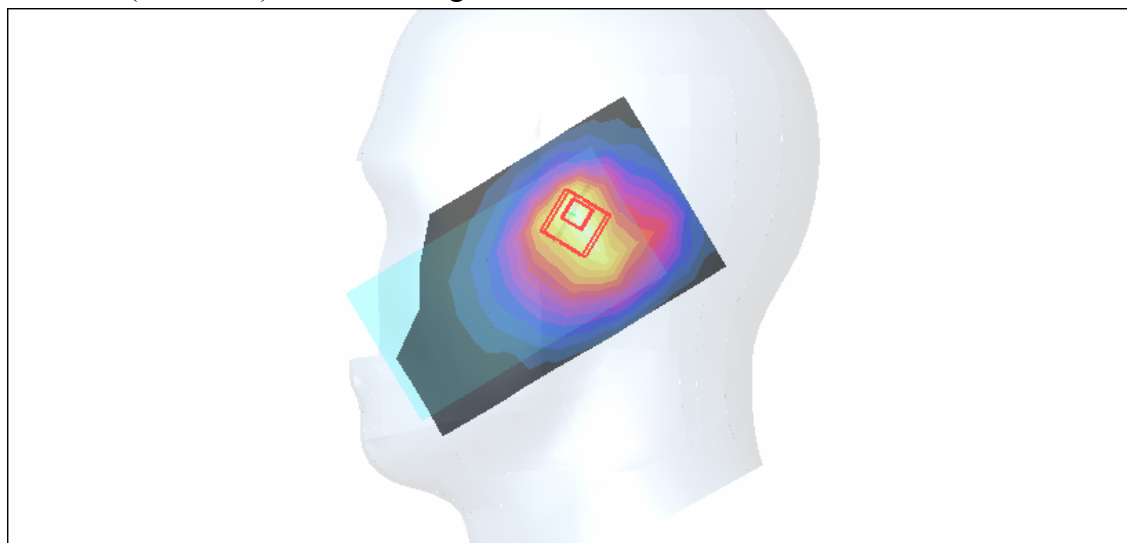
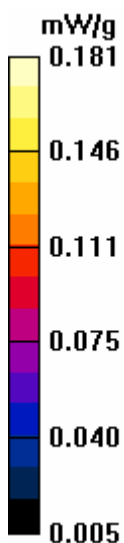
Touch position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.34 V/m

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.181 mW/g



Date/Time: 2006/11/3 14:31:42

Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-CH661-Mode 15

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Mid Channel 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

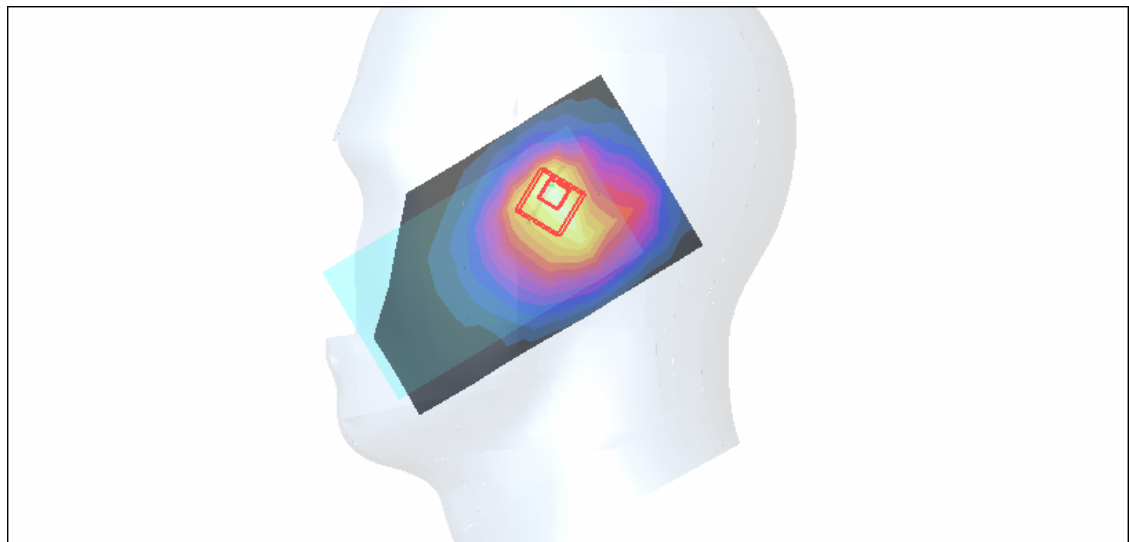
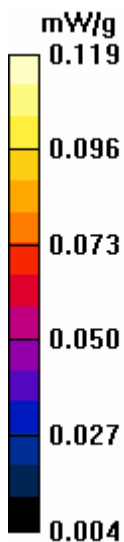
Maximum value of SAR (measured) = 0.119 mW/g

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

Reference Value = 7.46 V/m

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = **0.111 mW/g**; SAR(10 g) = 0.070 mW/g



Date/Time: 2006/11/3 14:51:04

Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-CH810-Mode 15

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

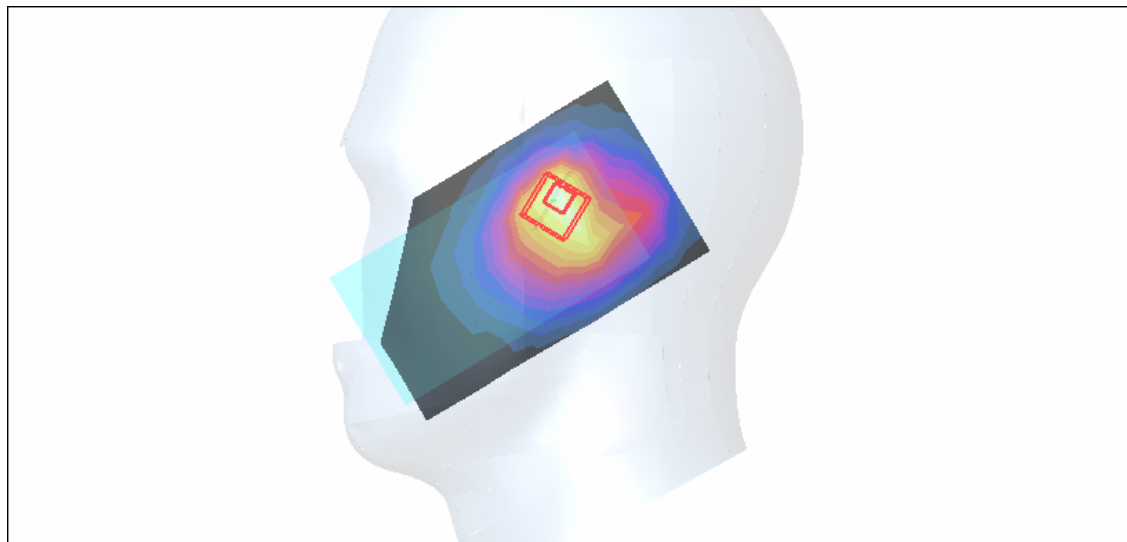
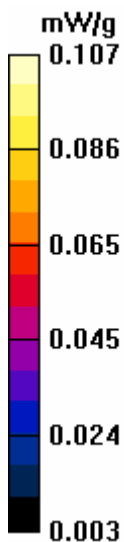
Maximum value of SAR (measured) = 0.107 mW/g

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 = 6.89 V/m

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.063 mW/g



Date/Time: 2006/11/3 15:11:34

Test Laboratory: Advance Data Technology

Left Head-Tilt-PCS1900-CH512-Mode 16

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.186 mW/g

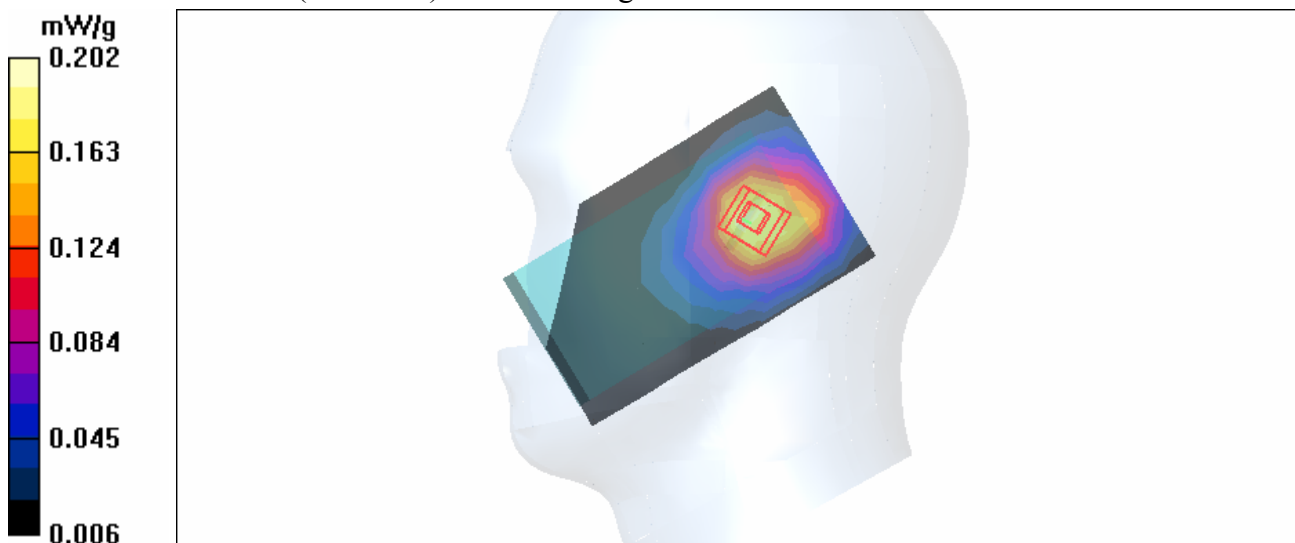
Tilt position - Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.0 V/m

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.115 mW/g

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



Date/Time: 2006/11/3 15:30:53

Test Laboratory: Advance Data Technology

Left Head-Tilt-PCS1900-CH661-Mode 16

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Mid Channel 661/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.120 mW/g

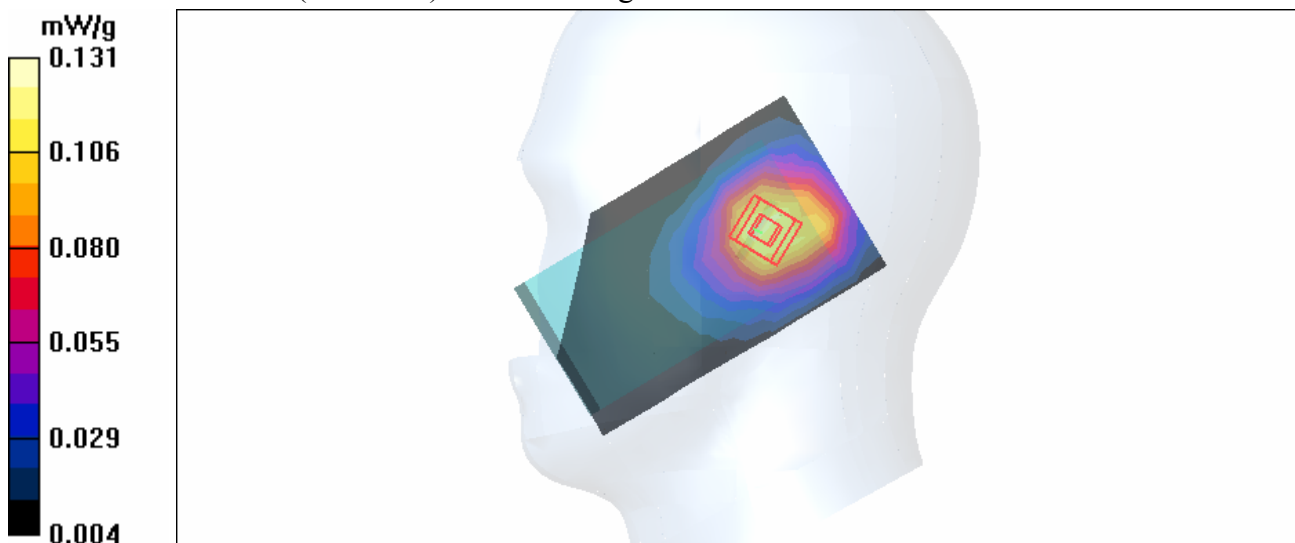
Tilt position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.65 V/m

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.074 mW/g

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



Date/Time: 2006/11/3 15:50:28

Test Laboratory: Advance Data Technology

Left Head-Tilt-PCS1900-CH661-Mode 16

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1909.8 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.44 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - High Channel 810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.102 mW/g

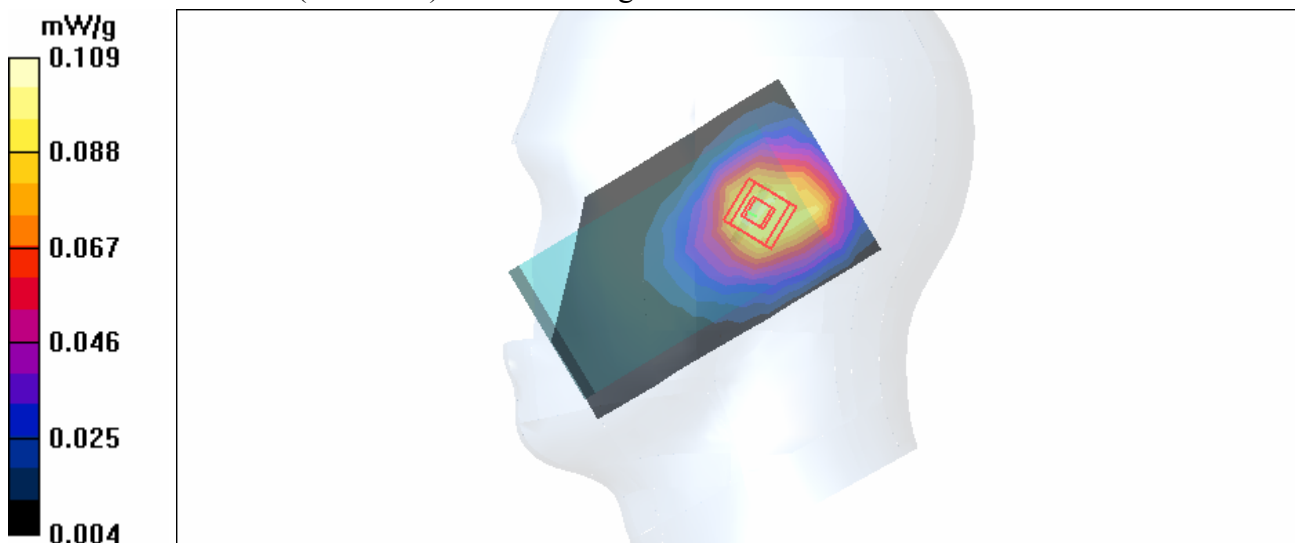
Tilt position - High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.72 V/m

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.062 mW/g

Maximum value of SAR (measured) = 0.109 mW/g



Date/Time: 2006/11/1 08:58:44

Test Laboratory: Advance Data Technology

Body Worn-GPRS1900-CH512-Keypad Down-Mode 17

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

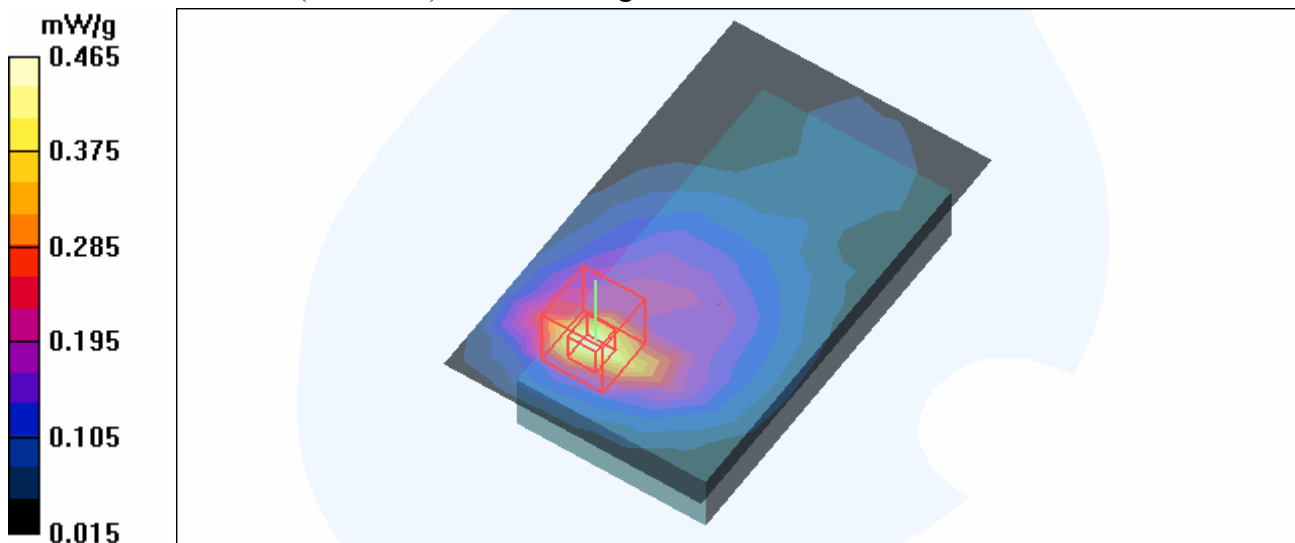
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

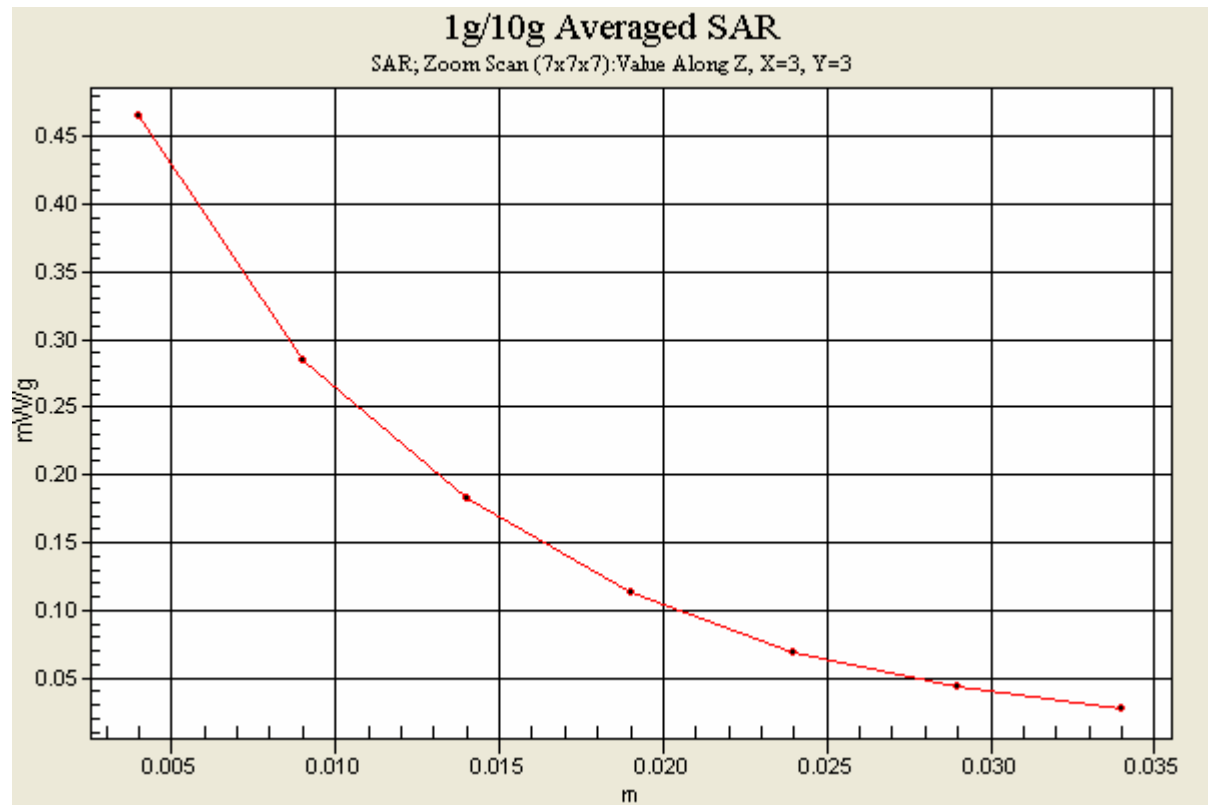
Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.465 mW/g





Date/Time: 2006/11/1 09:18:34

Test Laboratory: Advance Data Technology

Body Worn-GPRS1900-CH661-Keypad Down-Mode 17

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20

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

- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15

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

- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

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

Maximum value of SAR (measured) = 0.372 mW/g

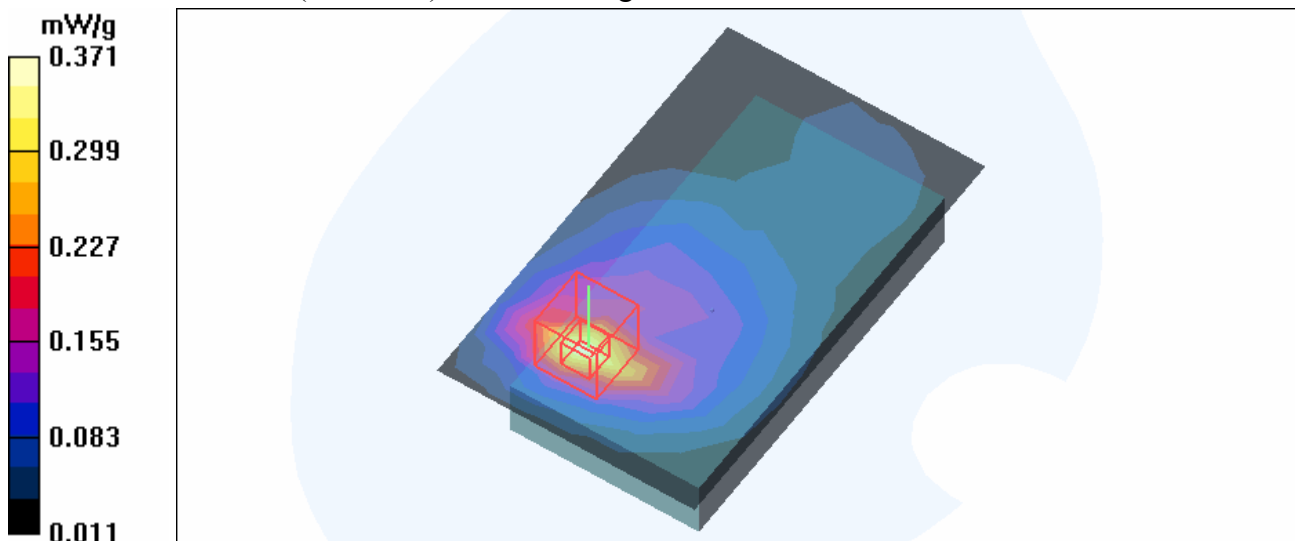
Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.97 V/m

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 0.371 mW/g



Date/Time: 2006/11/1 09:36:52

Test Laboratory: Advance Data Technology

Body Worn-GPRS1900-CH810-Keypad Down-Mode 17

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1909.8 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.58 \text{ mho/m}$; $\epsilon_r = 53.4$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 810/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.346 mW/g

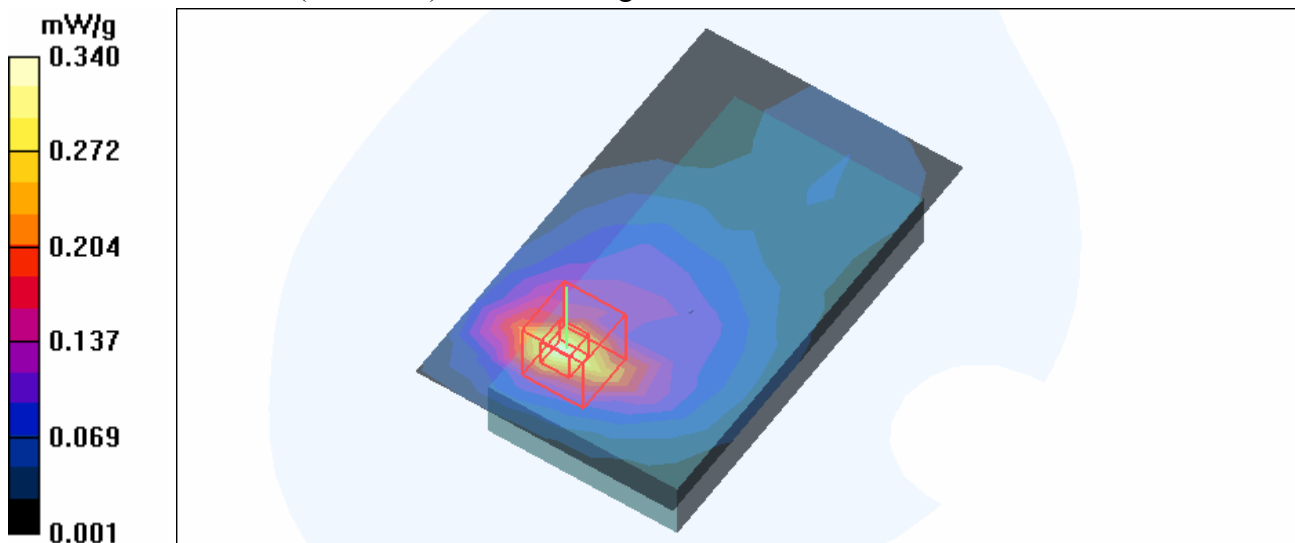
High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.09 V/m

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 0.340 mW/g



Date/Time: 2006/11/1 09:58:15

Test Laboratory: Advance Data Technology

Body Worn-GPRS1900-CH512-Keypad Up-Mode 18

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

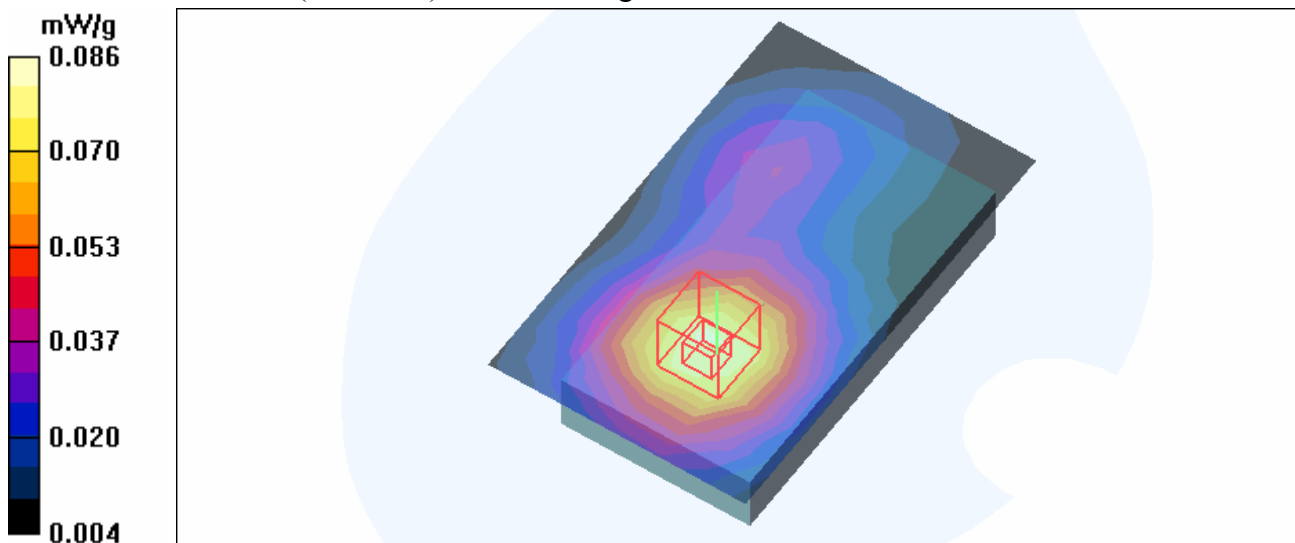
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.48 V/m

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.053 mW/g

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



Date/Time: 2006/11/1 10:33:01

Test Laboratory: Advance Data Technology

Body Worn-GSM1900-CH512-Keypad Down-Mode 19

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 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. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

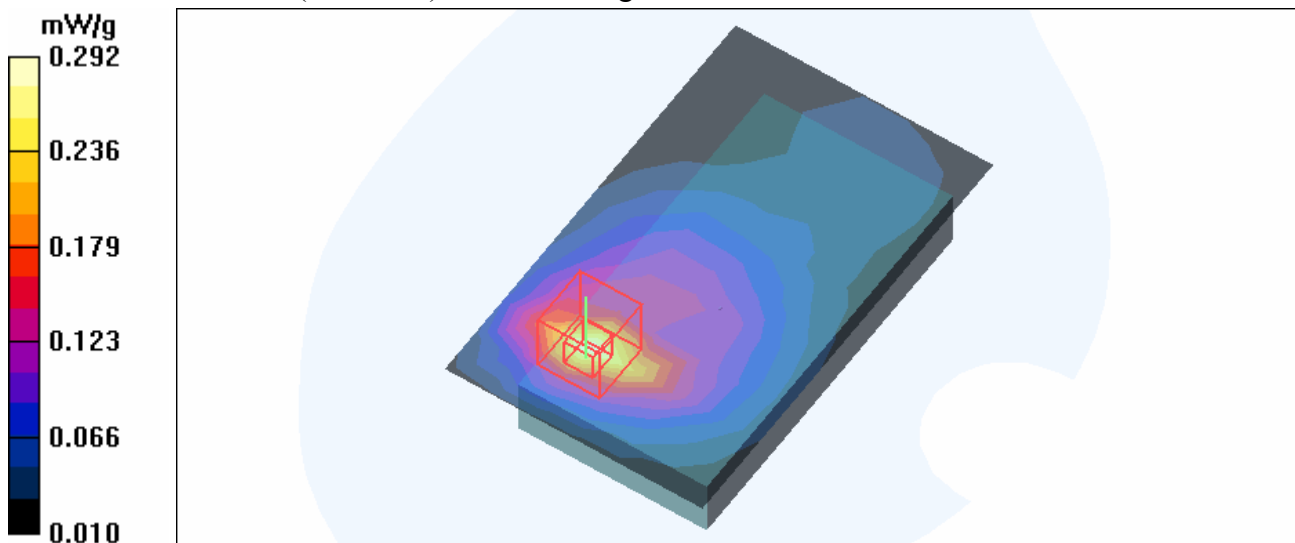
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.99 V/m

Peak SAR (extrapolated) = 0.453 W/kg

SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.151 mW/g

Maximum value of SAR (measured) = 0.292 mW/g



Date/Time: 2006/11/1 10:54:14

Test Laboratory: Advance Data Technology

Body Worn-GSM1900-CH512-Keypad Up-Mode 20

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 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. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.070 mW/g

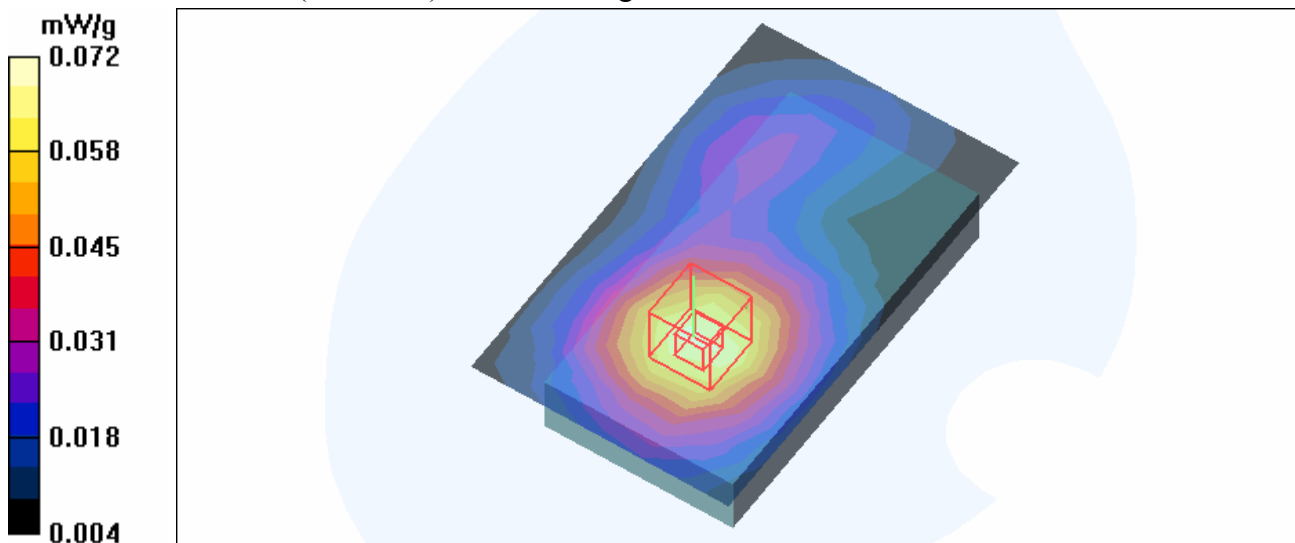
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.36 V/m

Peak SAR (extrapolated) = 0.099 W/kg

SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.072 mW/g



Date/Time: 2006/11/1 11:18:09

Test Laboratory: Advance Data Technology

Body Worn-E-GPRS1900-CH512-Keypad Down-Mode 21

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 53.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

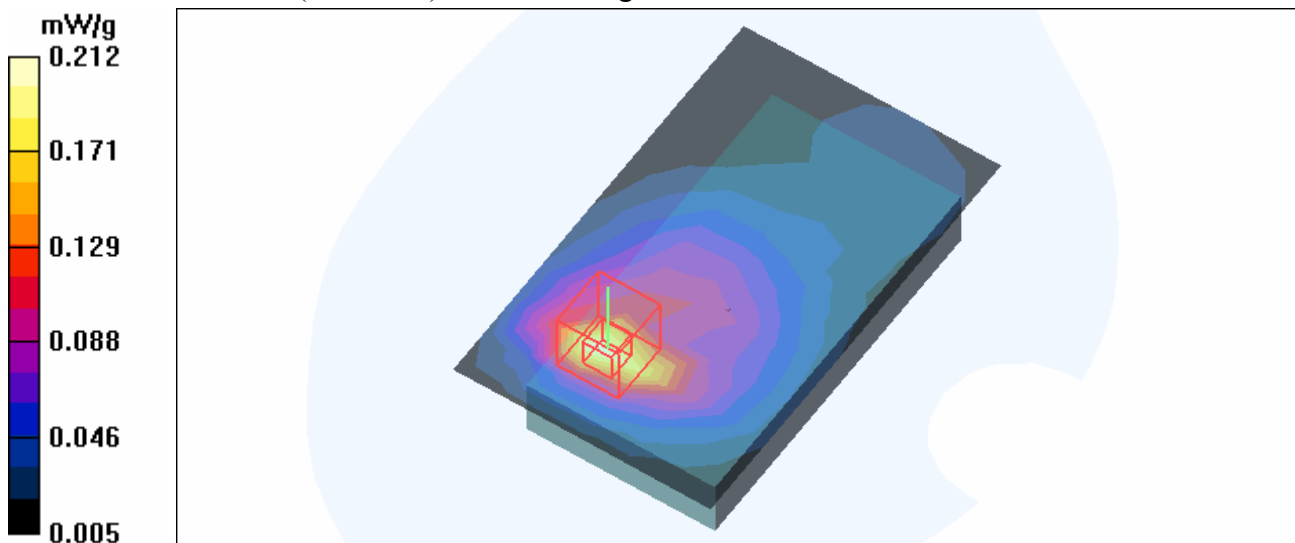
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.09 V/m

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.210 mW/g



Date/Time: 2006/11/1 11:40:14

Test Laboratory: Advance Data Technology

Body Worn-E-GPRS1900-Keypad Up-CH512-Mode 22

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20

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

- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15

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

- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.051 mW/g

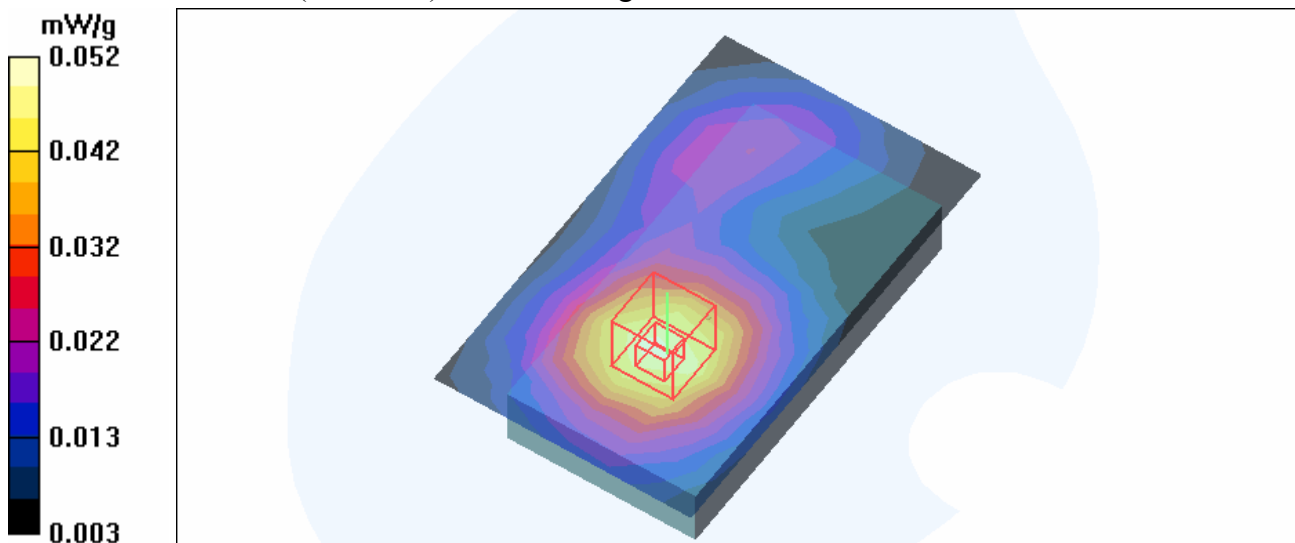
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.09 V/m

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.032 mW/g

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



Date/Time: 2006/11/6 10:48:30

Test Laboratory: Advance Data Technology

Right Head-Cheek-BT-CH0-Mode 23

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

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

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

Reference Value = 1.04 V/m

Peak SAR (extrapolated) = 0.010 W/kg

SAR(1 g) = 0.00306 mW/g; SAR(10 g) = 0.00239 mW/g

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

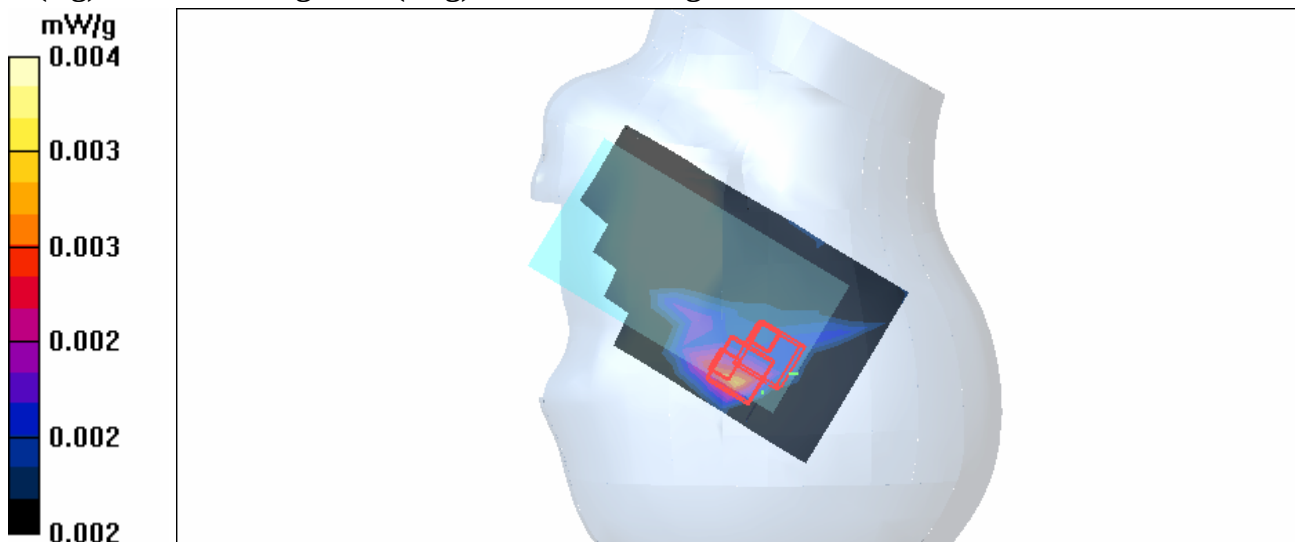
Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 1.04 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.0027 mW/g; SAR(10 g) = 0.00238 mW/g



Date/Time: 2006/11/6 11:19:20

Test Laboratory: Advance Data Technology

Right Head-Cheek-BT-CH39-Mode 23

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Mid Channel 39/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

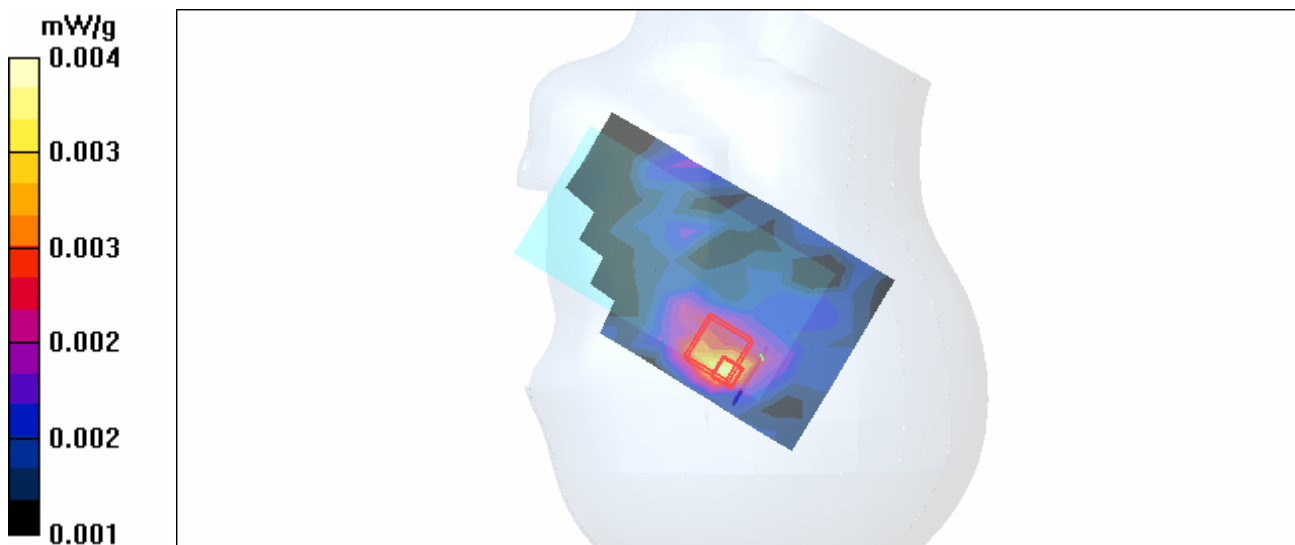
Maximum value of SAR (measured) = 0.004 mW/g

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

Reference Value = 1.21 V/m

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.00277 mW/g; SAR(10 g) = 0.00236 mW/g



Date/Time: 2006/11/6 11:39:04

Test Laboratory: Advance Data Technology

Right Head-Cheek-BT-CH78-Mode 23

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2480$ MHz; $\sigma = 1.85$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ ;

Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 78/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

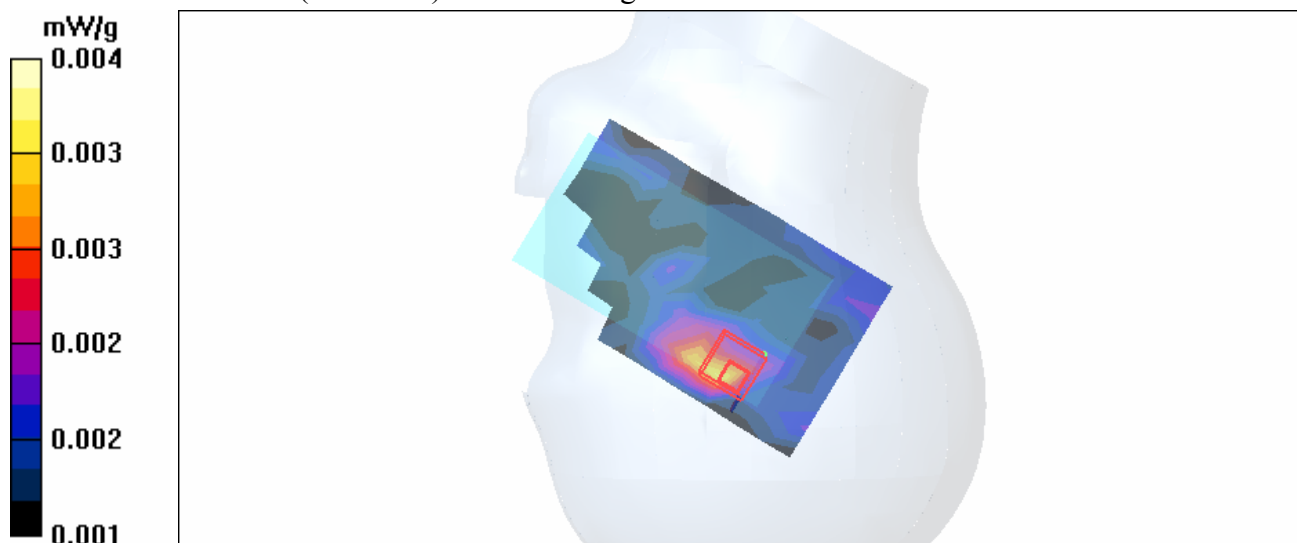
Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.04 V/m

Peak SAR (extrapolated) = 0.009 W/kg

SAR(1 g) = 0.00333 mW/g; SAR(10 g) = 0.00258 mW/g

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



Date/Time: 2006/11/6 11:59:29

Test Laboratory: Advance Data Technology

Right Head-Tilt-BT-CH0-Mode 24

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/205
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 0/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.002 mW/g

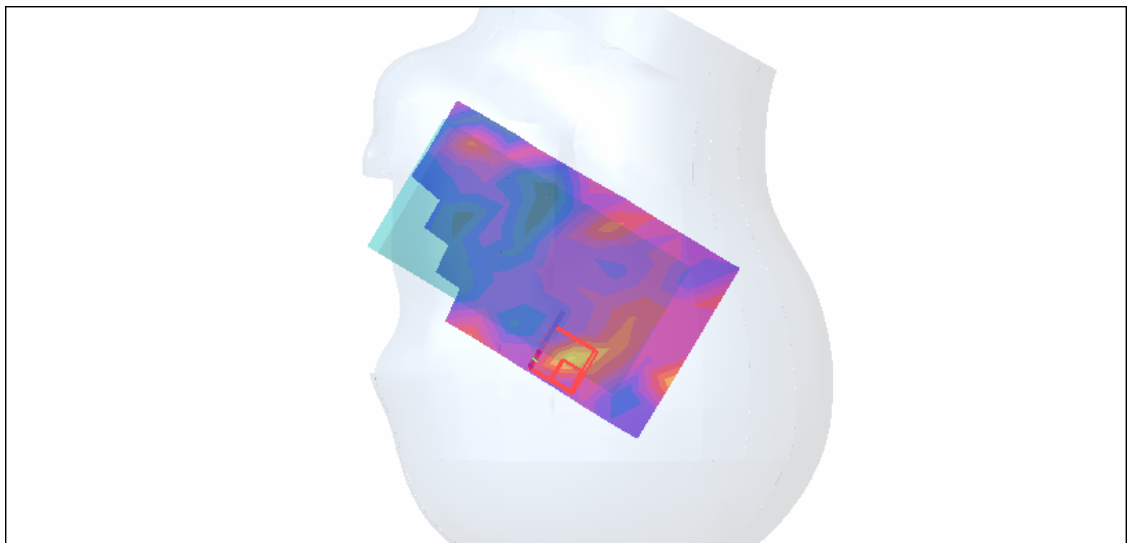
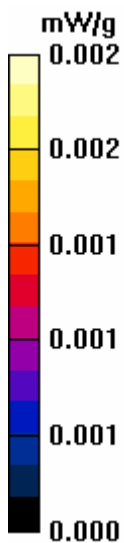
Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 0.911 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = **0.00136 mW/g**; SAR(10 g) = 0.00116 mW/g



Date/Time: 2006/11/6 12:30:38

Test Laboratory: Advance Data Technology

Right Head-Tilt-BT-CH39-Mode 24

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Mid Channel 39/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.002 mW/g

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

Reference Value = 0.719 V/m

Peak SAR (extrapolated) = 0.002 W/kg

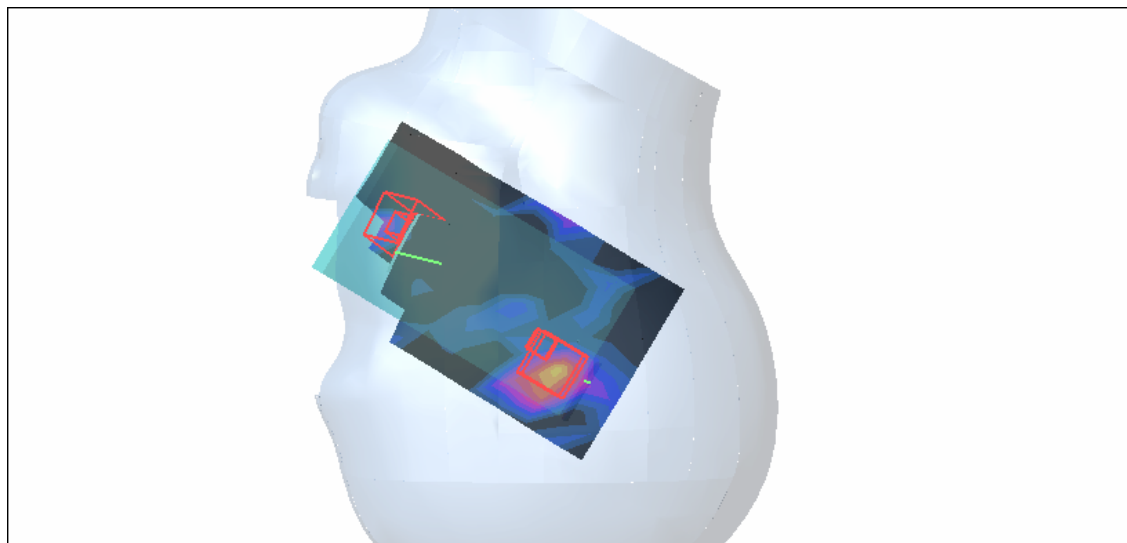
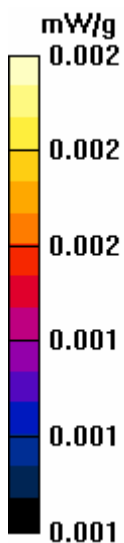
SAR(1 g) = 0.00154 mW/g; SAR(10 g) = 0.00134 mW/g

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

Reference Value = 0.719 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00126 mW/g; SAR(10 g) = 0.00103 mW/g



Date/Time: 2006/11/6 13:01:22

Test Laboratory: Advance Data Technology

Right Head-Tilt-BT-CH78-Mode 24

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - High Channel 78/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

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

Reference Value = 0.907 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00148 mW/g; SAR(10 g) = 0.00137 mW/g

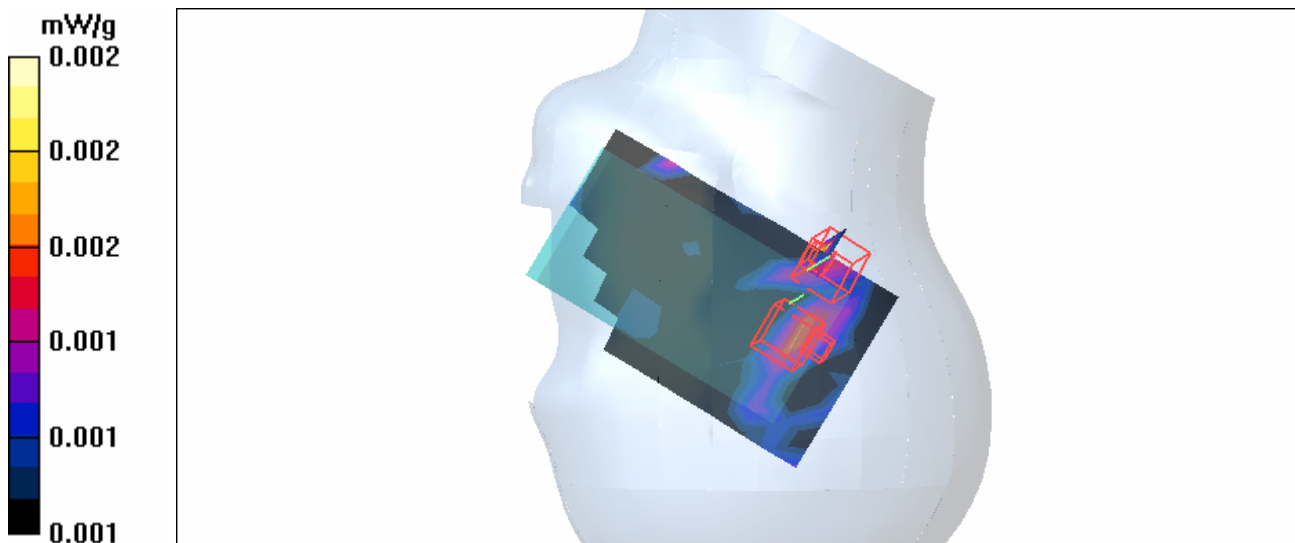
Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 0.907 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00159 mW/g; SAR(10 g) = 0.00135 mW/g



Date/Time: 2006/11/6 13:38:15

Test Laboratory: Advance Data Technology

Left Head-Cheek-BT-CH0-Mode 25

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2402 \text{ MHz}$; $\sigma = 1.76 \text{ mho/m}$; $\epsilon_r = 40.3$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Low Channel 0/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.003 mW/g

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

Reference Value = 1.36 V/m

Peak SAR (extrapolated) = 0.006 W/kg

SAR(1 g) = 0.00302 mW/g; SAR(10 g) = 0.00262 mW/g

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

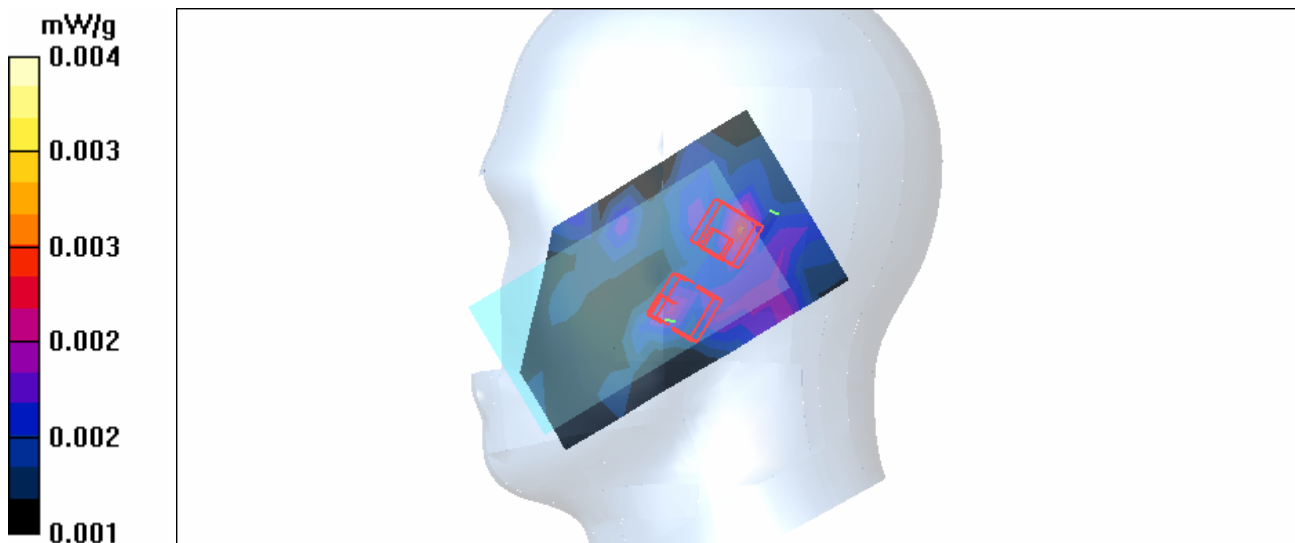
Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 1.36 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00287 mW/g; SAR(10 g) = 0.00253 mW/g



Date/Time: 2006/11/6 14:09:33

Test Laboratory: Advance Data Technology

Left Head-Cheek-BT-CH39-Mode 25

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2441 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - Mid Channel 39/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 1.30 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00323 mW/g; SAR(10 g) = 0.0029 mW/g

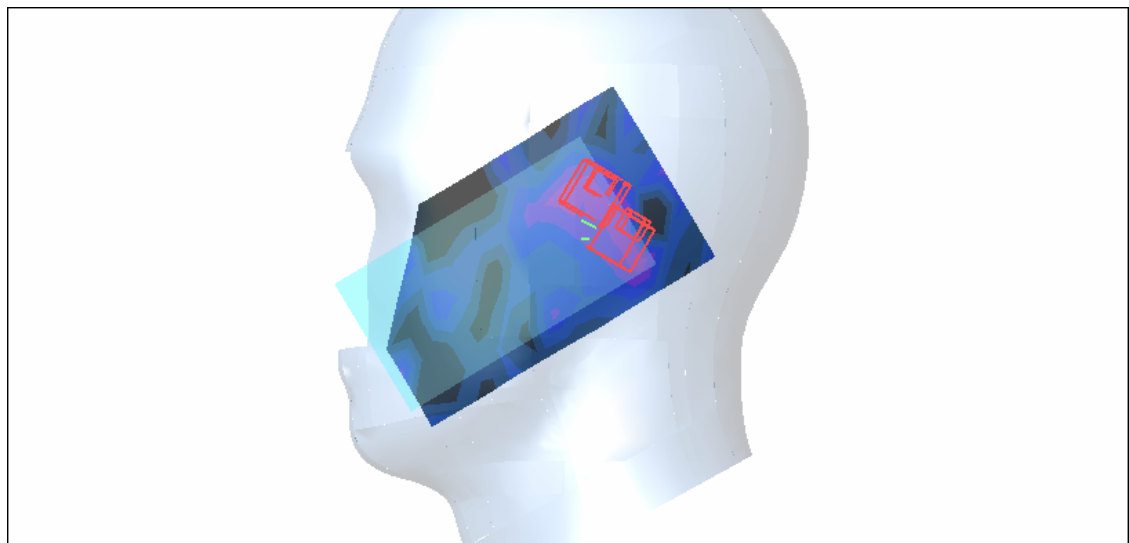
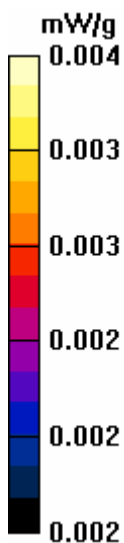
Maximum value of SAR (measured) = 0.004 mW/g

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

Reference Value = 1.30 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00314 mW/g; SAR(10 g) = 0.00272 mW/g



Date/Time: 2006/11/6 14:39:47

Test Laboratory: Advance Data Technology

Left Head-Cheek-BT-CH78-Mode 25

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 78/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 1.18 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00331 mW/g; SAR(10 g) = 0.00295 mW/g

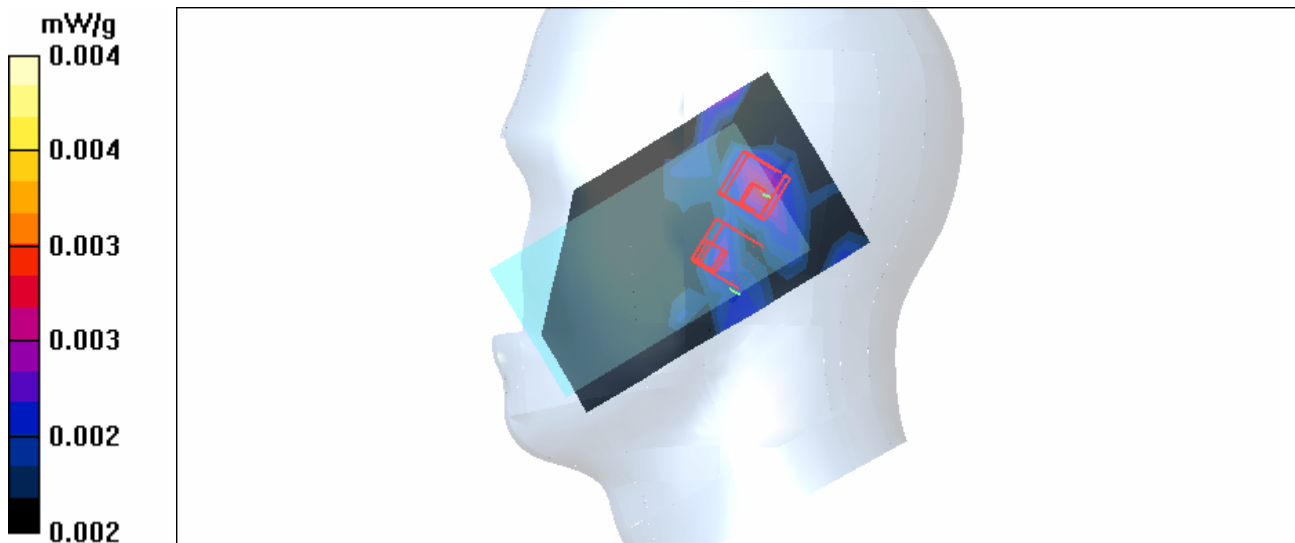
Maximum value of SAR (measured) = 0.004 mW/g

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

Reference Value = 1.18 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00321 mW/g; SAR(10 g) = 0.00276 mW/g



Date/Time: 2006/11/6 15:11:47

Test Laboratory: Advance Data Technology

Left Head-Tilt-BT-CH0-Mode 26

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.76$ mho/m; $\epsilon_r = 40.3$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 0/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.002 mW/g

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

Reference Value = 0.976 V/m

Peak SAR (extrapolated) = 0.002 W/kg

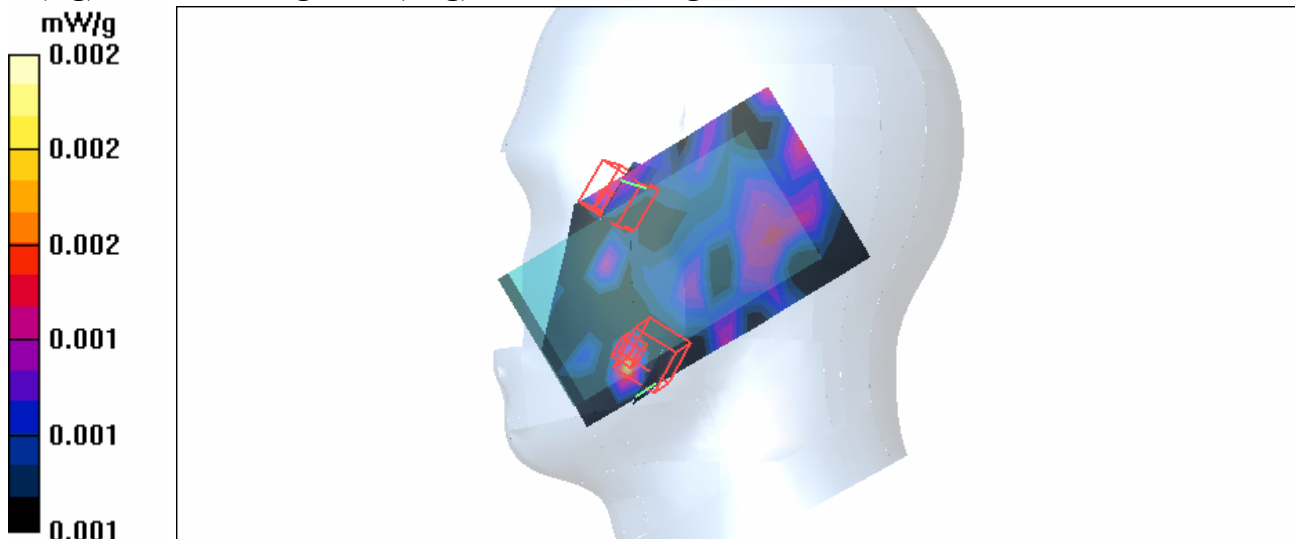
SAR(1 g) = 0.00168 mW/g; SAR(10 g) = 0.00137 mW/g

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

Reference Value = 0.976 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.0015 mW/g; SAR(10 g) = 0.00134 mW/g



Date/Time: 2006/11/6 15:43:17

Test Laboratory: Advance Data Technology

Left Head-Tilt-BT-CH39-Mode 26

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40.1$; $\rho = 1000$ kg/m³ ; Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Mid Channel 39/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

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

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

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

Reference Value = 1.02 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00164 mW/g; SAR(10 g) = 0.00145 mW/g

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

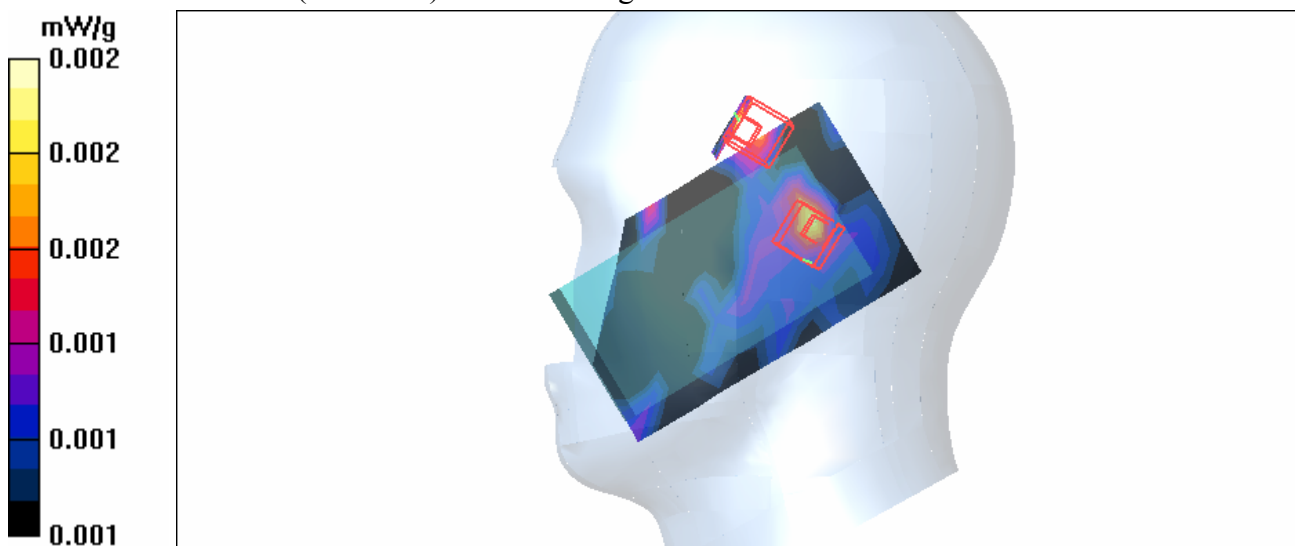
dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.02 V/m

Peak SAR (extrapolated) = 0.003 W/kg

SAR(1 g) = 0.00155 mW/g; SAR(10 g) = 0.0014 mW/g

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



Date/Time: 2006/11/6 16:14:04

Test Laboratory: Advance Data Technology

Left Head-Tilt-BT-CH78-Mode 26

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - High Channel 78/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

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

Reference Value = 1.03 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00192 mW/g; SAR(10 g) = 0.00163 mW/g

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

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

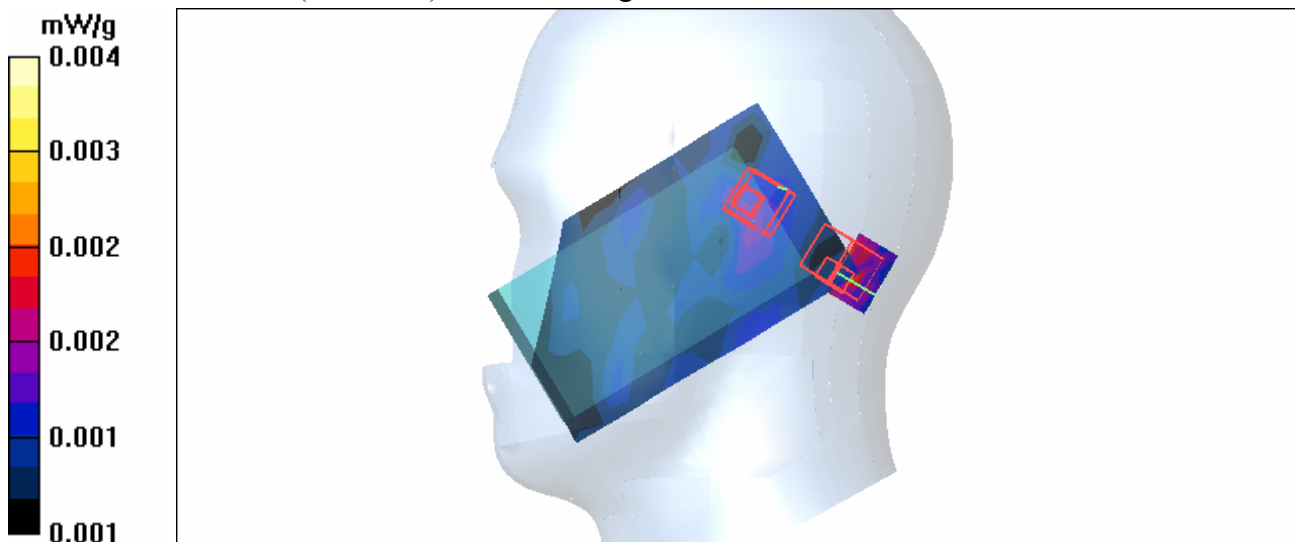
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.03 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00209 mW/g; SAR(10 g) = 0.00172 mW/g

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



Date/Time: 2006/11/6 17:59:59

Test Laboratory: Advance Data Technology

Body Worn-Keypad down-BT-CH0-Mode 27

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2402 MHz

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

Medium: MSL2450 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

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

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

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

Reference Value = 0.845 V/m

Peak SAR (extrapolated) = 0.003 W/kg

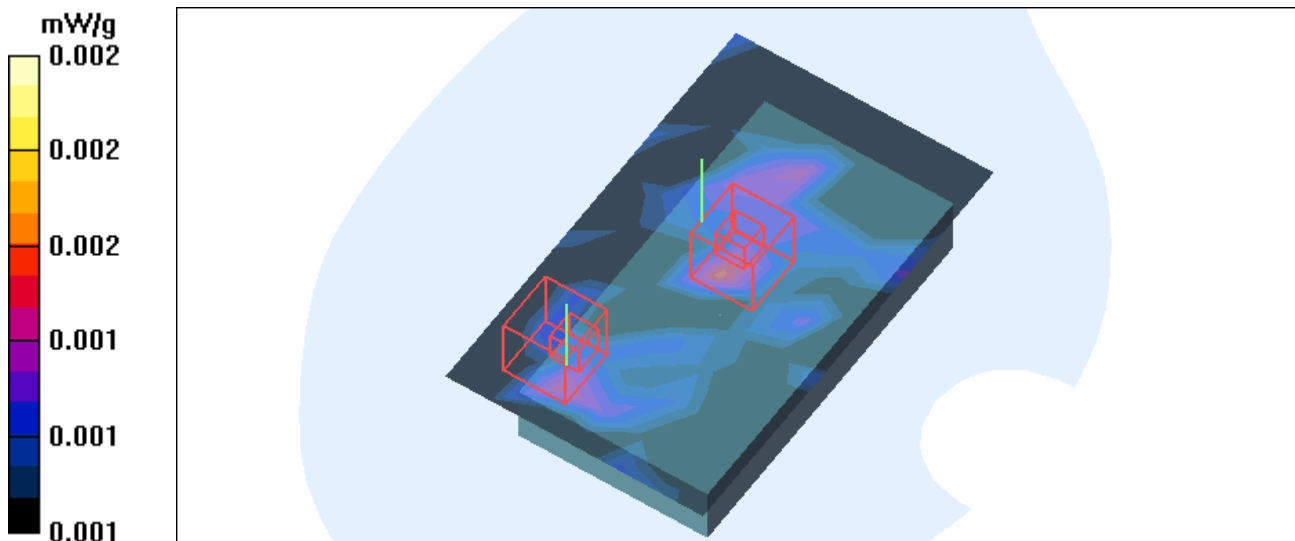
SAR(1 g) = 0.00144 mW/g; SAR(10 g) = 0.00121 mW/g

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

Reference Value = 0.845 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00138 mW/g; SAR(10 g) = 0.0012 mW/g



Date/Time: 2006/11/6 18:28:57

Test Laboratory: Advance Data Technology

Body Worn-Keypad down-BT-CH39-Mode 27

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2441 MHz

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

Medium: MSL2450 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.96$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³ ; Liquid Level : 152 mm

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

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 39/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 0.744 V/m

Peak SAR (extrapolated) = 0.005 W/kg

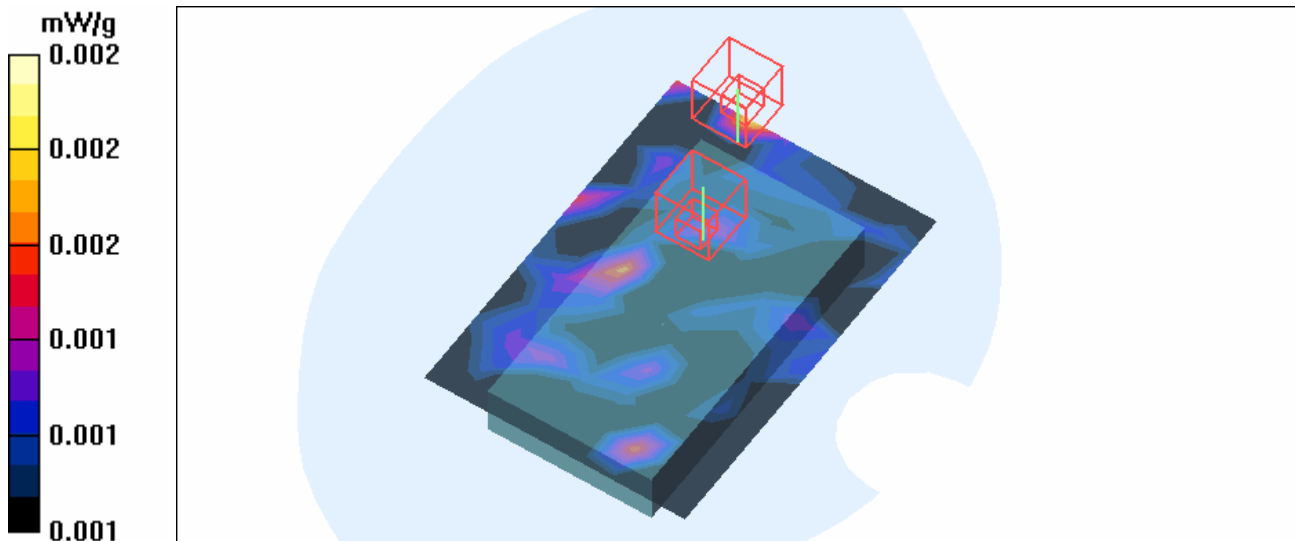
SAR(1 g) = 0.00149 mW/g; SAR(10 g) = 0.00123 mW/g

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

Reference Value = 0.744 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00133 mW/g; SAR(10 g) = 0.00116 mW/g



Test Laboratory: Advance Data Technology

Body Worn-Keypad down-BT-CH78-Mode 27

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2480 MHz

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

Medium: MSL2450 Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 78/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 0.894 V/m

Peak SAR (extrapolated) = 0.002 W/kg

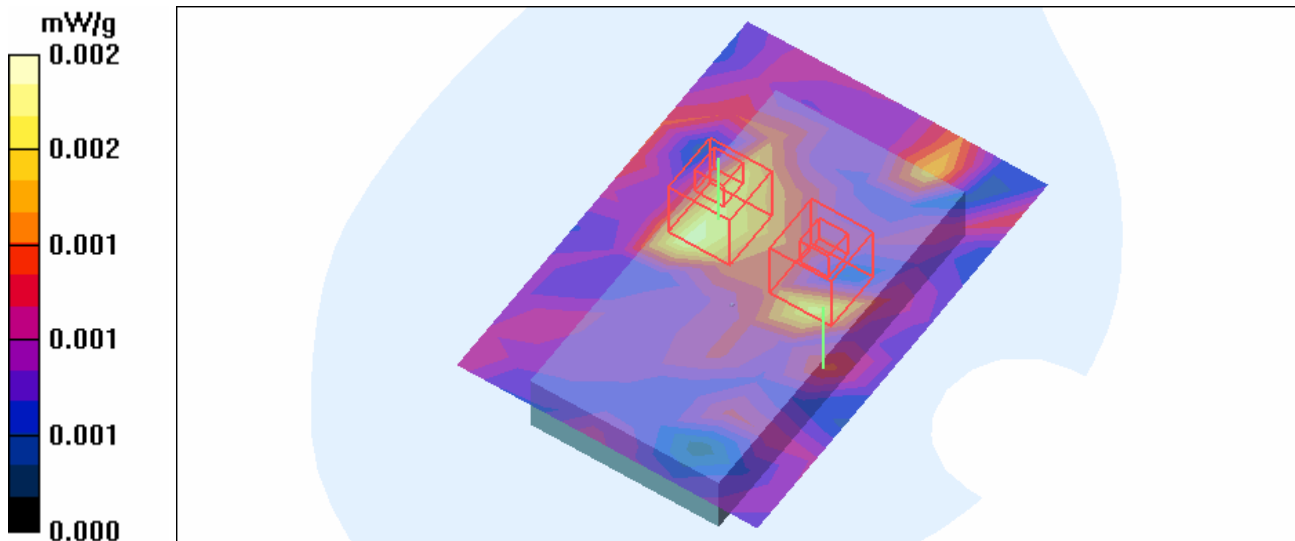
SAR(1 g) = 0.00153 mW/g; SAR(10 g) = 0.00127 mW/g

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

Reference Value = 0.894 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00143 mW/g; SAR(10 g) = 0.00124 mW/g



Date/Time: 2006/11/6 19:42:44

Test Laboratory: Advance Data Technology

Body Worn-Keypad Up-BT-CH78-Mode 28

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 2480 MHz

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

Medium: MSL2450 Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

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

Antenna Type : Internal Antenna ; Air Temp. : 22.5 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 78/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 0.675 V/m

Peak SAR (extrapolated) = 0.002 W/kg

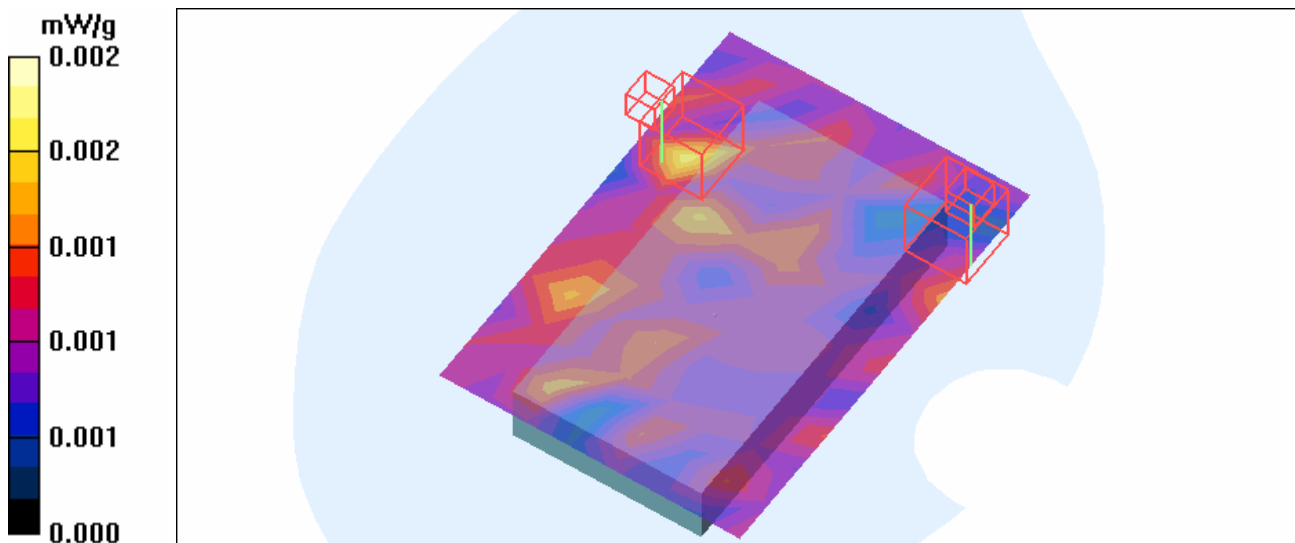
SAR(1 g) = 0.00141 mW/g; SAR(10 g) = 0.0012 mW/g

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

Reference Value = 0.675 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00138 mW/g; SAR(10 g) = 0.00118 mW/g



Date/Time: 2006/10/30 17:35:39

Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-CH251+BT-CH78-Mode 29

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz Frequency: 2480 MHz

Communication System: PCS 850 Communication System: Bluetooth ; Frequency: 848.8 MHz Frequency: 2480 MHz ; Duty Cycle: 1:8.3 Duty Cycle: 1:1

Medium: HSL835 Medium: HSL2450 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 42$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38)ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Touch position - High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.557 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 = 21.4 V/m

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.545 mW/g; SAR(10 g) = 0.407 mW/g

Maximum value of SAR (measured) = 0.570 mW/g

Touch position - High Channel 78/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

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

Reference Value = 1.18 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00331 mW/g; SAR(10 g) = 0.00295 mW/g

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

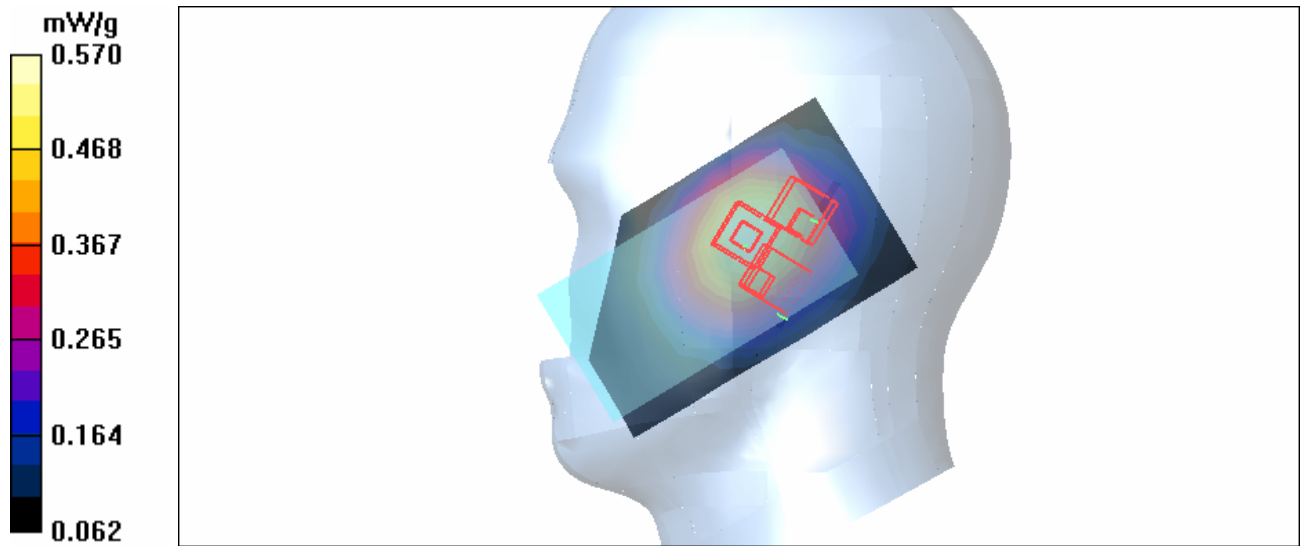
Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 1.18 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.00321 mW/g; SAR(10 g) = 0.00276 mW/g



Date/Time: 2006/10/27 17:17:15

Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-GPRS850-CH251+BT-CH78-Mode 30

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 848.8 MHz Frequency: 2480 MHz

Communication System: PCS 850 Communication System: Bluetooth ; Frequency: 848.8 MHz Frequency: 2480 MHz ; Duty Cycle: 1:4 Duty Cycle: 1:1

Medium: MSL835 Medium: MSL2450 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15)ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 251/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.920 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 = 30.5 V/m

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.578 mW/g

Maximum value of SAR (measured) = 0.909 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 = 30.5 V/m

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.815 mW/g; SAR(10 g) = 0.607 mW/g

Maximum value of SAR (measured) = 0.858 mW/g

High Channel 78/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 0.894 V/m

Peak SAR (extrapolated) = 0.002 W/kg

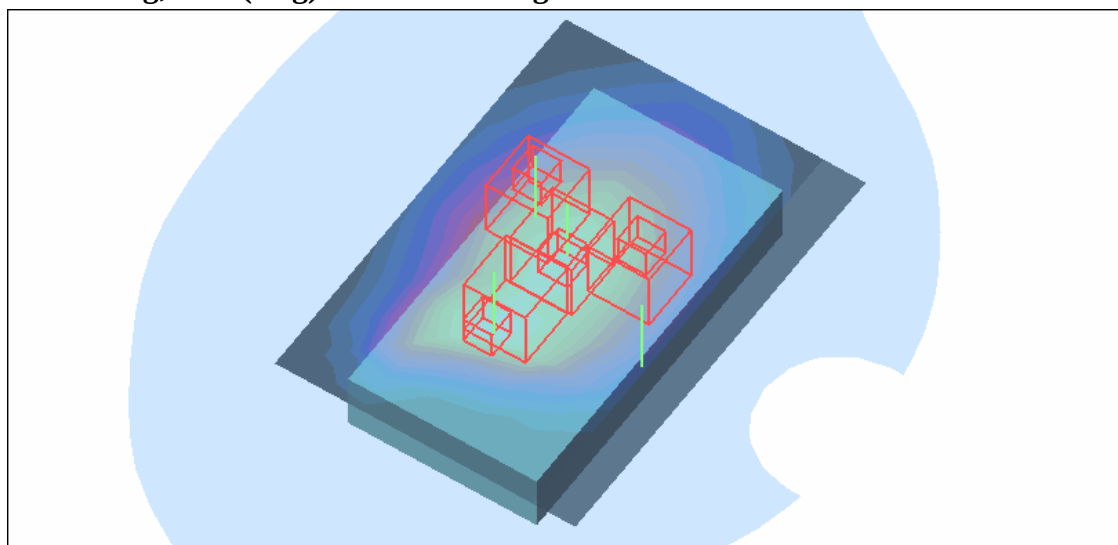
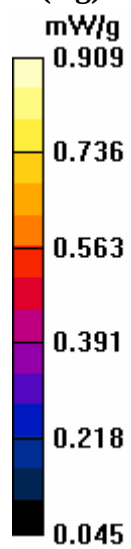
SAR(1 g) = 0.00153 mW/g; SAR(10 g) = 0.00127 mW/g

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

Reference Value = 0.894 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00143 mW/g; SAR(10 g) = 0.00124 mW/g



Date/Time: 2006/11/3 13:04:51

Test Laboratory: Advance Data Technology

Right Head-Tilt-PCS1900-CH512+BT-CH78-Mode 31

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz Frequency: 2480 MHz

Communication System: PCS 1900 Communication System: Bluetooth ; Frequency: 1850.2

MHz Frequency: 2480 MHz; Duty Cycle: 1:8.3 Duty Cycle: 1:1

Medium: HSL1900 Medium: HSL2450 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.37 \text{ mho/m}$; $\epsilon_r = 39.9$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 1.85 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98)ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

Tilt position - Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.207 mW/g

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

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

Reference Value = 11.7 V/m

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.124 mW/g

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

Tilt position - High Channel 78/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

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

Reference Value = 0.907 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00148 mW/g; SAR(10 g) = 0.00137 mW/g

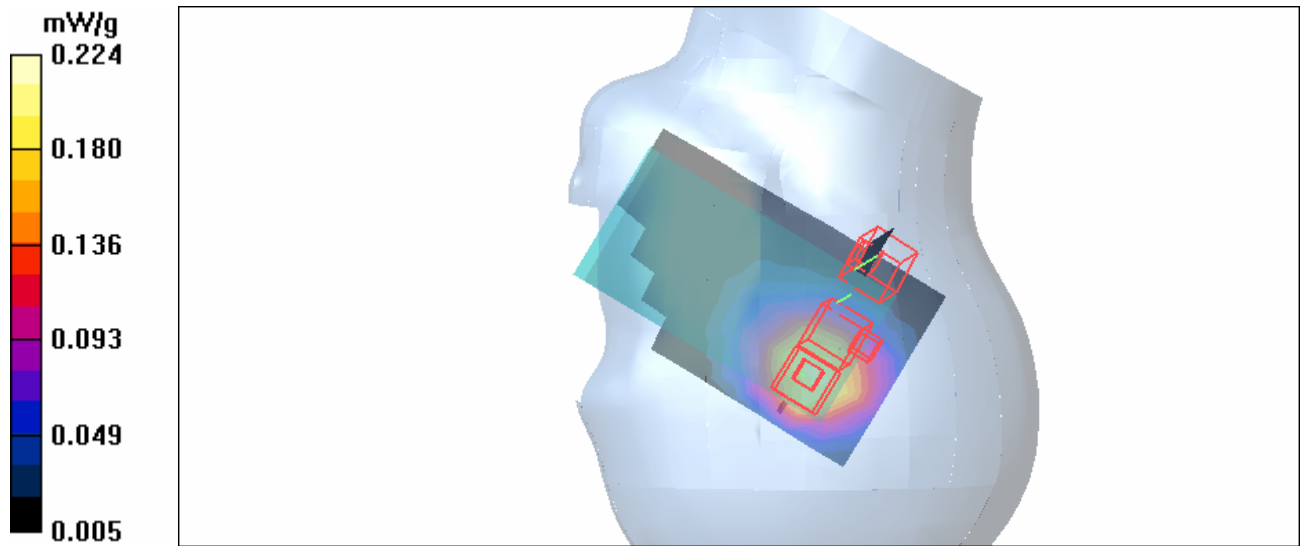
Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:

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

Reference Value = 0.907 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00159 mW/g; SAR(10 g) = 0.00135 mW/g



Date/Time: 2006/11/1 08:58:44

Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-GPRS1900-CH512+BT-CH78-Mode 32

DUT: Pocket PC Phone ; Type: MC3504 ; Test Frequency: 1850.2 MHz Frequency: 2480 MHz

Communication System: PCS 1900 Communication System: Bluetooth ; Frequency: 1850.2

MHz Frequency: 2480 MHz ; Duty Cycle: 1:4 Duty Cycle: 1:1

Medium: MSL1900 Medium: MSL2450 Medium parameters used: $f = 1850.2 \text{ MHz}$; $\sigma = 1.46 \text{ mho/m}$; $\epsilon_r = 53.2$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used : $f = 2480 \text{ MHz}$; $\sigma = 2.02 \text{ mho/m}$; $\epsilon_r = 53.6$; $\rho = 1000 \text{ kg/m}^3$; 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. : 22.5 degrees ; Liquid Temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75)ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 512/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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 = 10.9 V/m

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.232 mW/g

Maximum value of SAR (measured) = 0.465 mW/g

High Channel 78/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 0.894 V/m

Peak SAR (extrapolated) = 0.002 W/kg

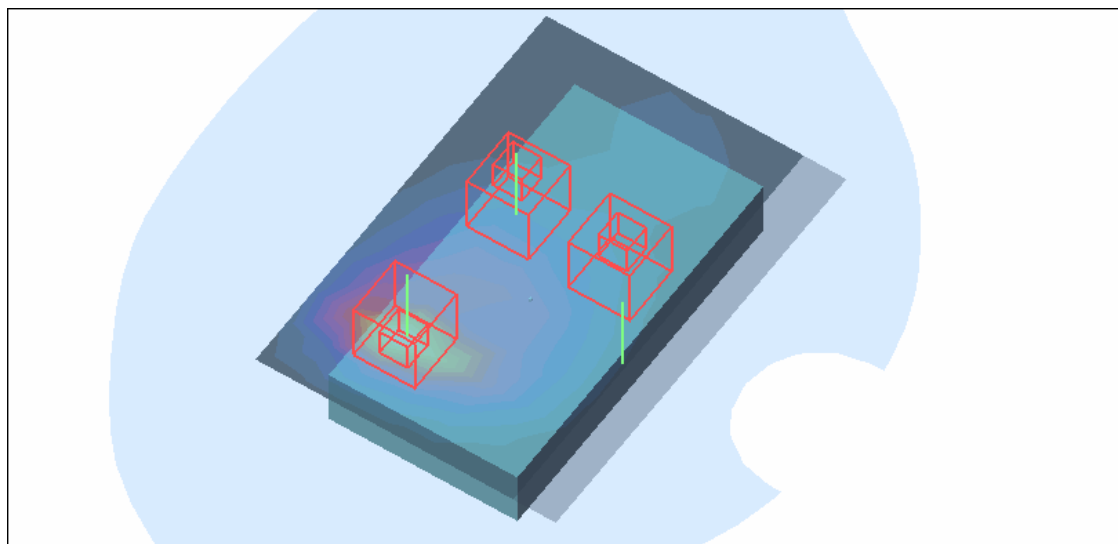
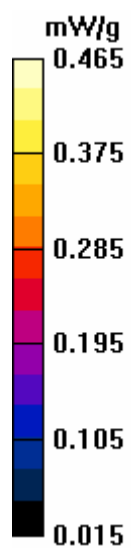
SAR(1 g) = 0.00153 mW/g; SAR(10 g) = 0.00127 mW/g

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

Reference Value = 0.894 V/m

Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00143 mW/g; SAR(10 g) = 0.00124 mW/g



Date/Time: 2006/10/30 12:04:03

Test Laboratory: Advance Data Technology

System Validation Check-HSL 835MHz

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

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.9 \text{ mho/m}$; $\epsilon_r = 42.3$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 151 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.3 degrees ; Liquid temp. : 21.2 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.38, 8.38, 8.38) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.36 mW/g

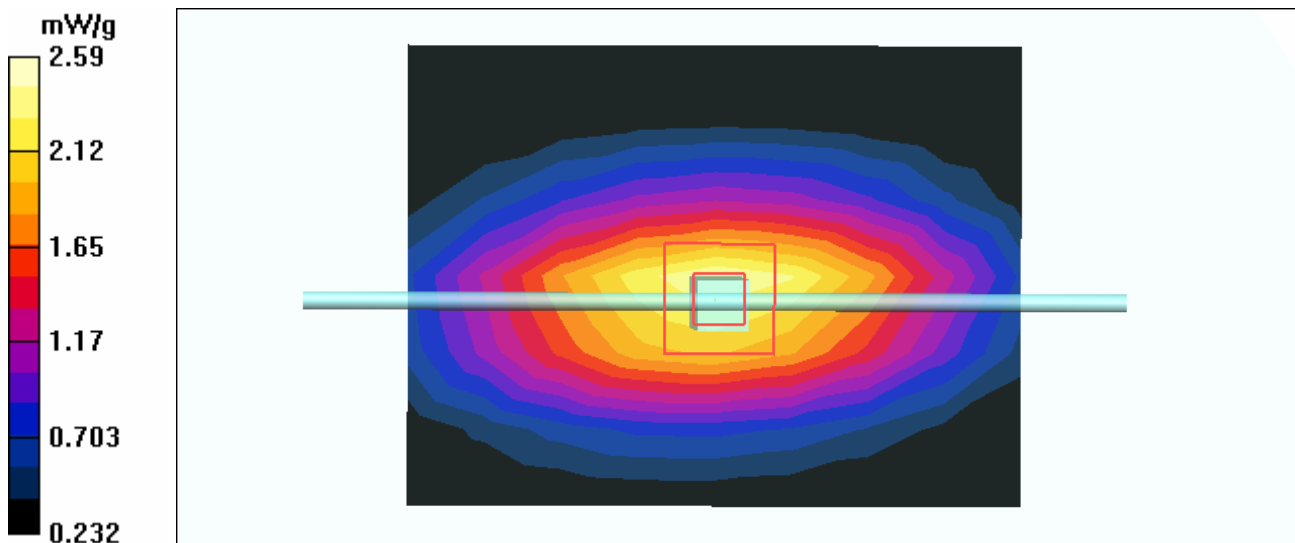
d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 54.4 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 2.32 mW/g; SAR(10 g) = 1.51 mW/g

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



Date/Time: 2006/10/27 14:50:11

Test Laboratory: Advance Data Technology

System Validation Check-MSL 835MHz

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

Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.97 \text{ mho/m}$; $\epsilon_r = 53.8$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.5 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(8.15, 8.15, 8.15) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.28 mW/g

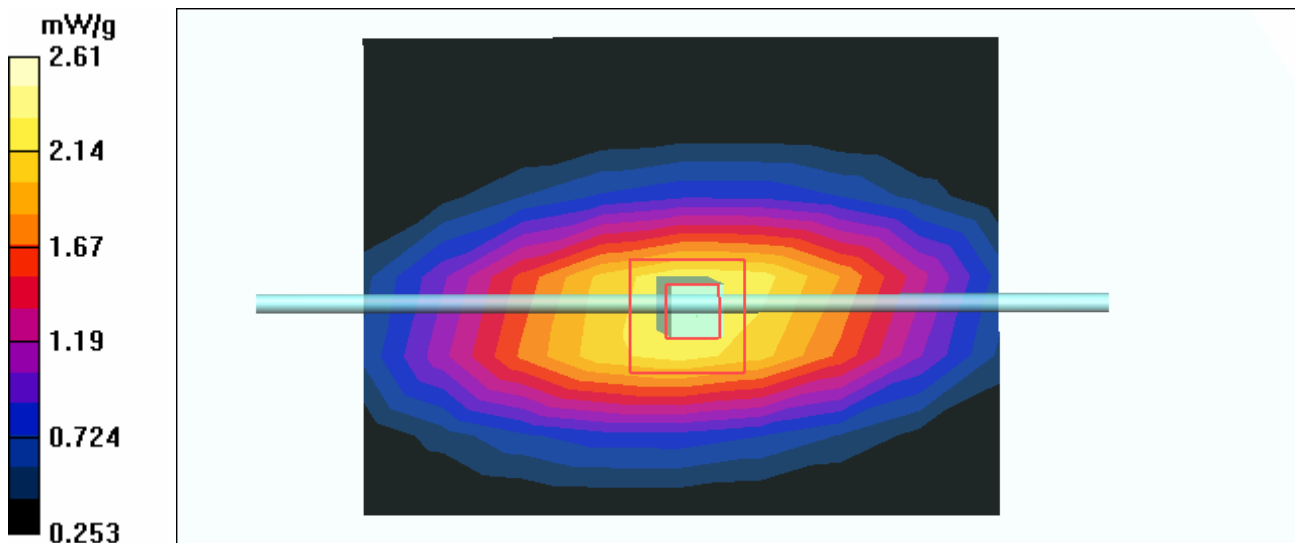
d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.1 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.6 mW/g

Maximum value of SAR (measured) = 2.61 mW/g



Date/Time: 2006/11/3 10:14:08

Test Laboratory: Advance Data Technology

System Validation Check-HSL 1900MHz

DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d036 ; Test Frequency: 1900 MHz

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL1900; Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.8 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.98, 6.98, 6.98) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 10.9 mW/g

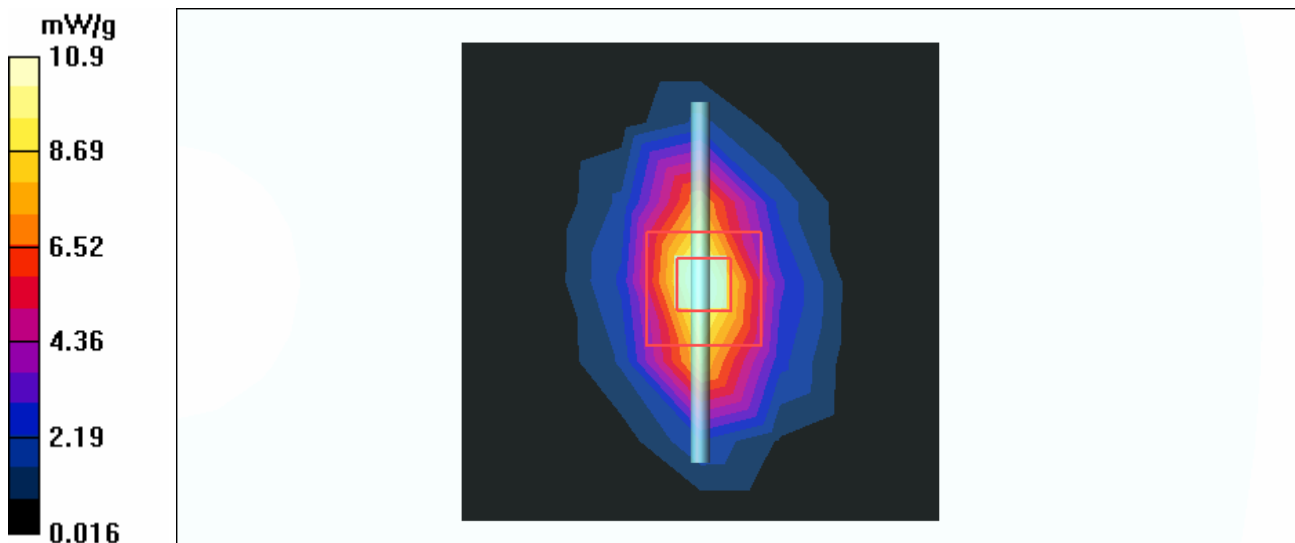
d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.4 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 16.4 W/kg

SAR(1 g) = 9.4 mW/g; SAR(10 g) = 4.97 mW/g

Maximum value of SAR (measured) = 10.6 mW/g



Date/Time: 2006/11/1 08:14:42

Test Laboratory: Advance Data Technology

System Validation Check-MSL 1900MHz

DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d036 ; Test Frequency: 1900 MHz

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL1900; Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.56 \text{ mho/m}$; $\epsilon_r = 53.3$; $\rho = 1000 \text{ kg/m}^3$; Liquid level : 152 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.75, 6.75, 6.75) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

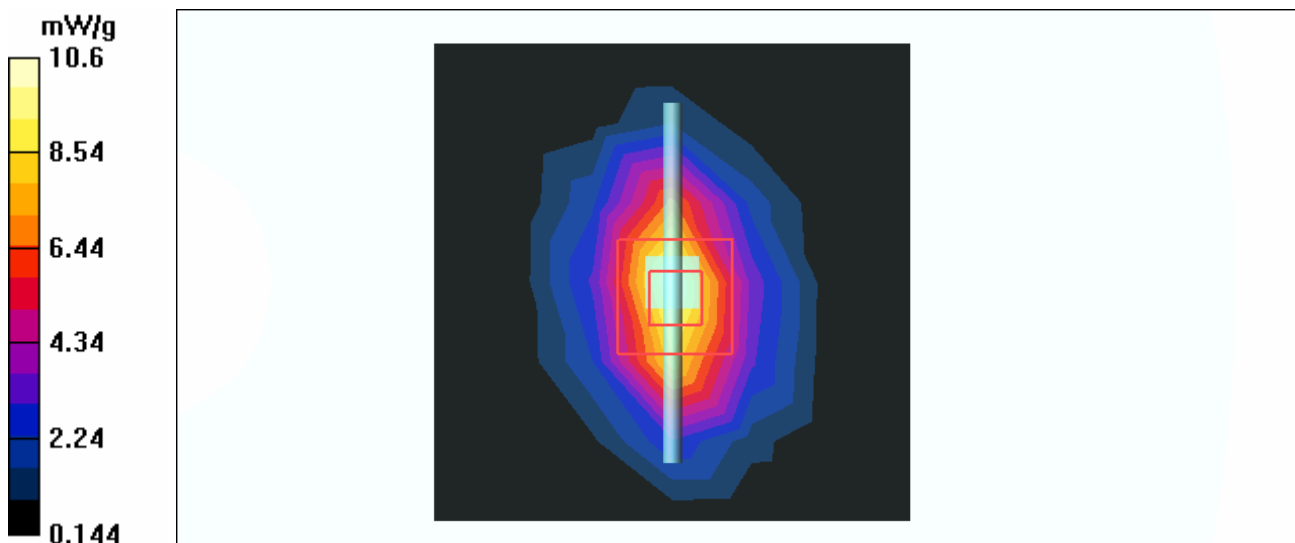
d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 10.6 mW/g

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

Reference Value = 88.8 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.44 mW/g; SAR(10 g) = 4.98 mW/g



Date/Time: 2006/11/6 09:31:28

Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL2450; Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 40.1$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.6 degrees ; Liquid temp. : 21.6 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 14.3 mW/g

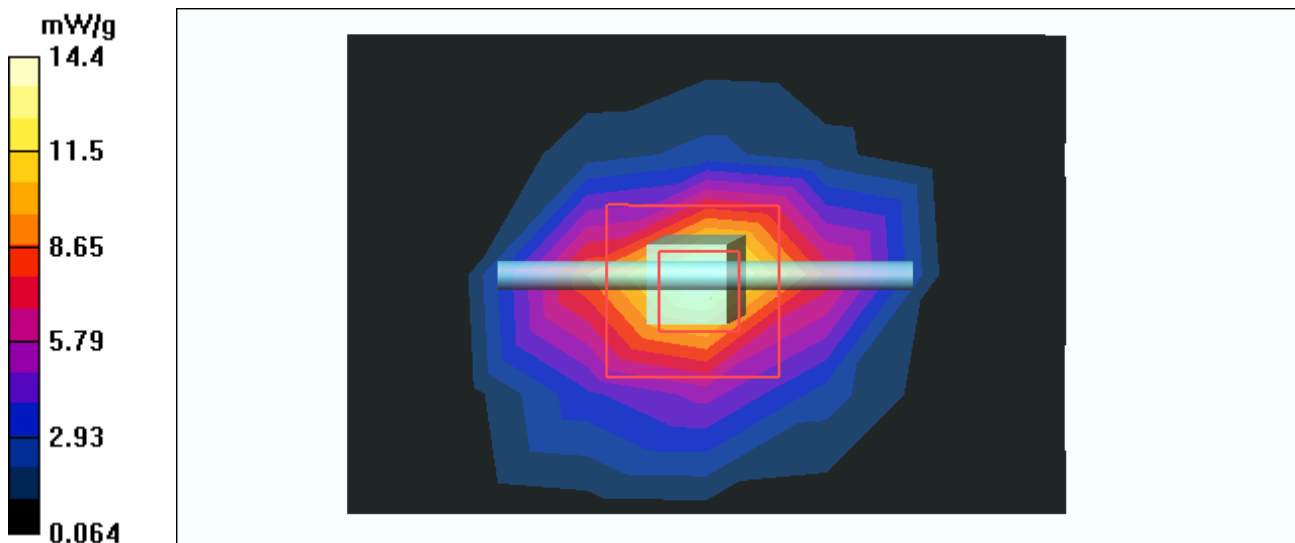
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.7 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 28.2 W/kg

SAR(1 g) = 12.9 mW/g; SAR(10 g) = 5.95 mW/g

Maximum value of SAR (measured) = 14.4 mW/g



Date/Time: 2006/11/6 17:05:31

Test Laboratory: Advance Data Technology

System Validation Check-MSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL2450; Medium parameters used: $f = 2450$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 53.8$; $\rho = 1000$ kg/m³ ; Liquid level : 152 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV4 - SN3578 ; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 15.2 mW/g

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

Reference Value = 88.3 V/m; Power Drift = -0.081 dB

Peak SAR (extrapolated) = 30.9 W/kg

SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.23 mW/g

Maximum value of SAR (measured) = 14.9 mW/g

