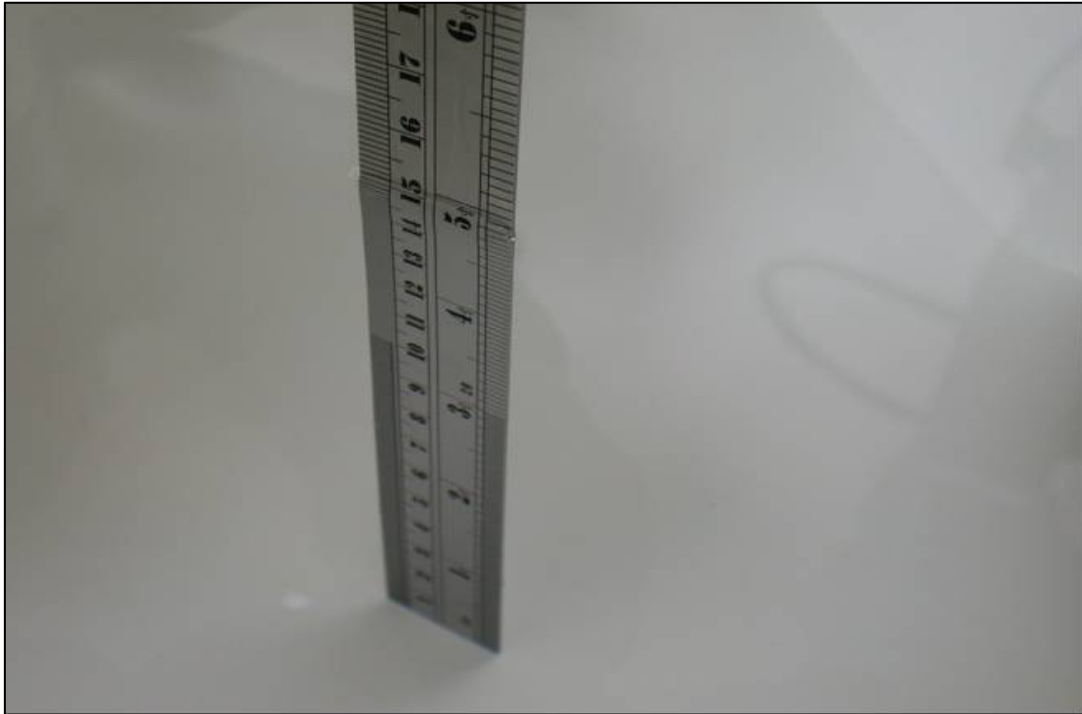


APPENDIX A: TEST DATA

Liquid Level Photo

HSL 2450MHz D=151mm



MSL 2450MHz D=155mm



Date/Time: 2006/2/25 08:36:02

Test Laboratory: Advance Data Technology

Right Head-Cheek-GFSK-Ch0-Mode 1

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

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

Reference Value = 12.7 V/m

Peak SAR (extrapolated) = 0.476 W/kg

SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.304 mW/g

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

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

Reference Value = 12.7 V/m

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.250 mW/g; SAR(10 g) = 0.134 mW/g

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



Date/Time: 2006/2/25 09:08:29

Test Laboratory: Advance Data Technology

Right Head-Cheek-GFSK-Ch39-Mode 1

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.302 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 = 13.2 V/m

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.175 mW/g

Maximum value of SAR (measured) = 0.349 mW/g

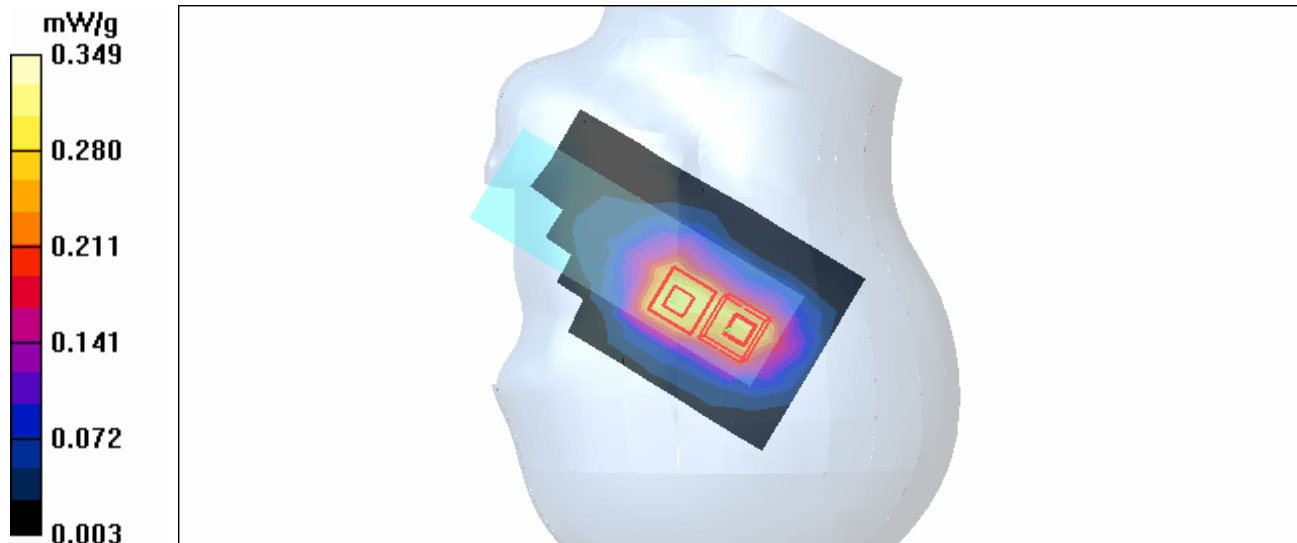
Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

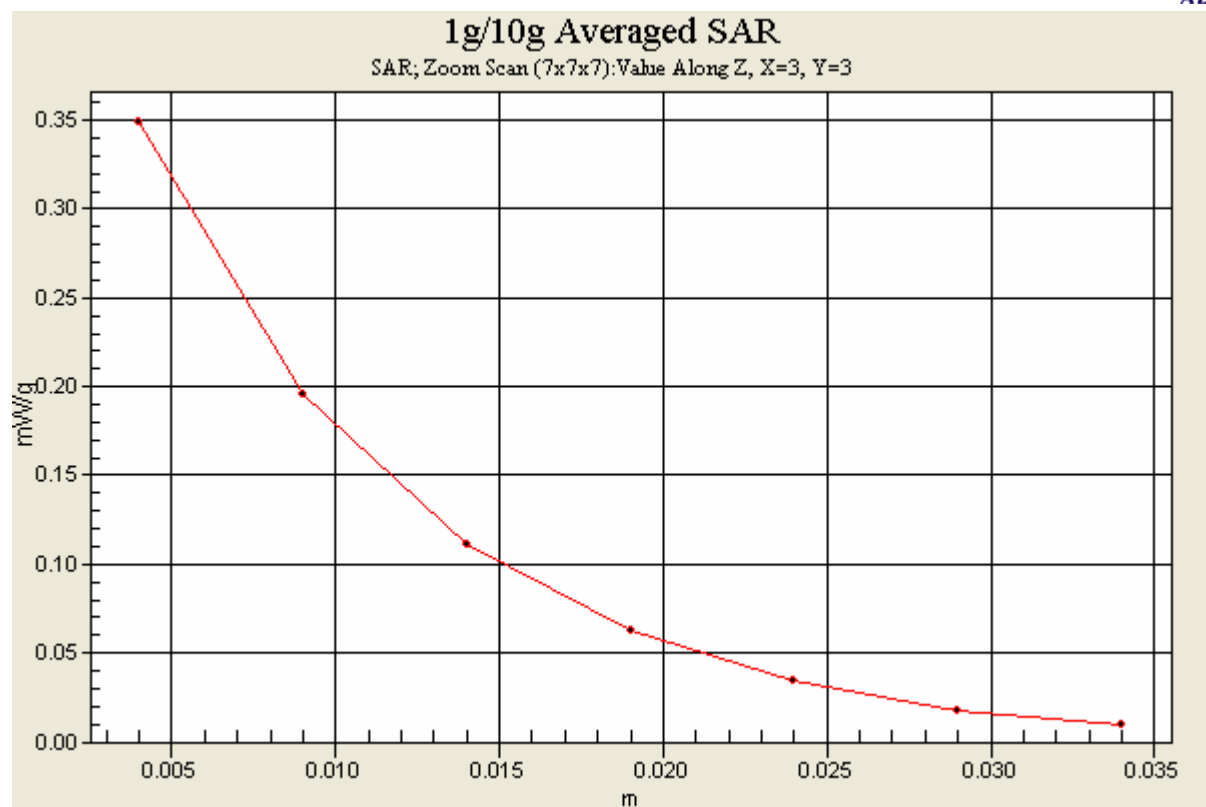
Reference Value = 13.2 V/m

Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.324 mW/g





Date/Time: 2006/2/25 09:52:04

Test Laboratory: Advance Data Technology

Right Head-Cheek-GFSK-Ch78-Mode 1

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

Reference Value = 12.5 V/m

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.144 mW/g

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

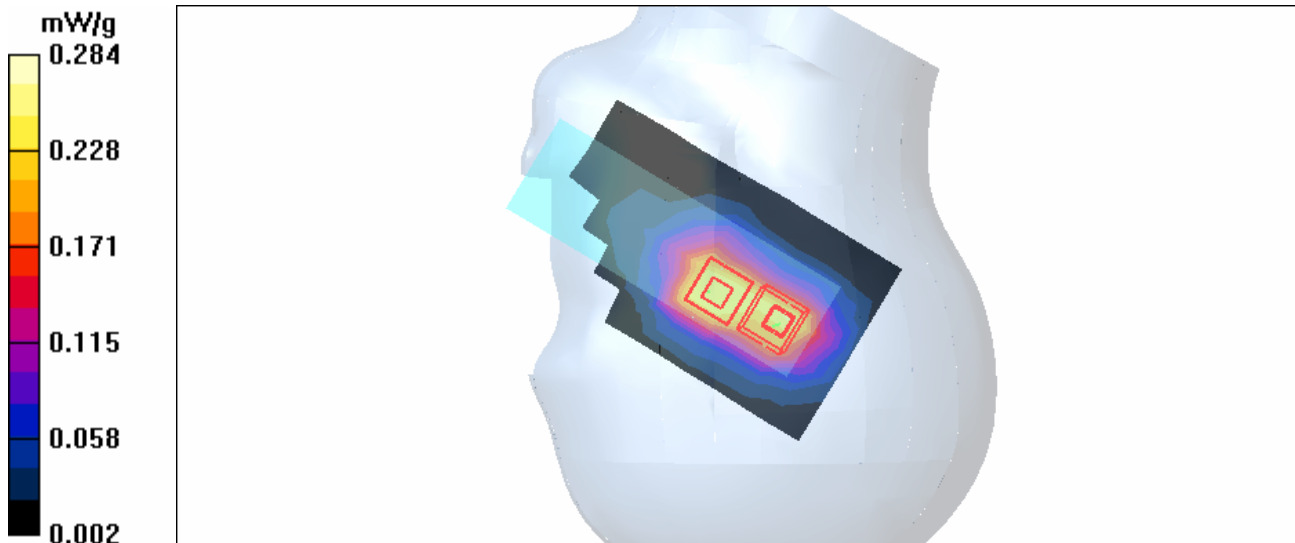
Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m

Peak SAR (extrapolated) = 0.499 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.132 mW/g

Maximum value of SAR (measured) = 0.278 mW/g



Date/Time: 2006/2/25 10:23:36

Test Laboratory: Advance Data Technology

Right Head-Tilt-GFSK-Ch0-Mode 2

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.243 mW/g

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

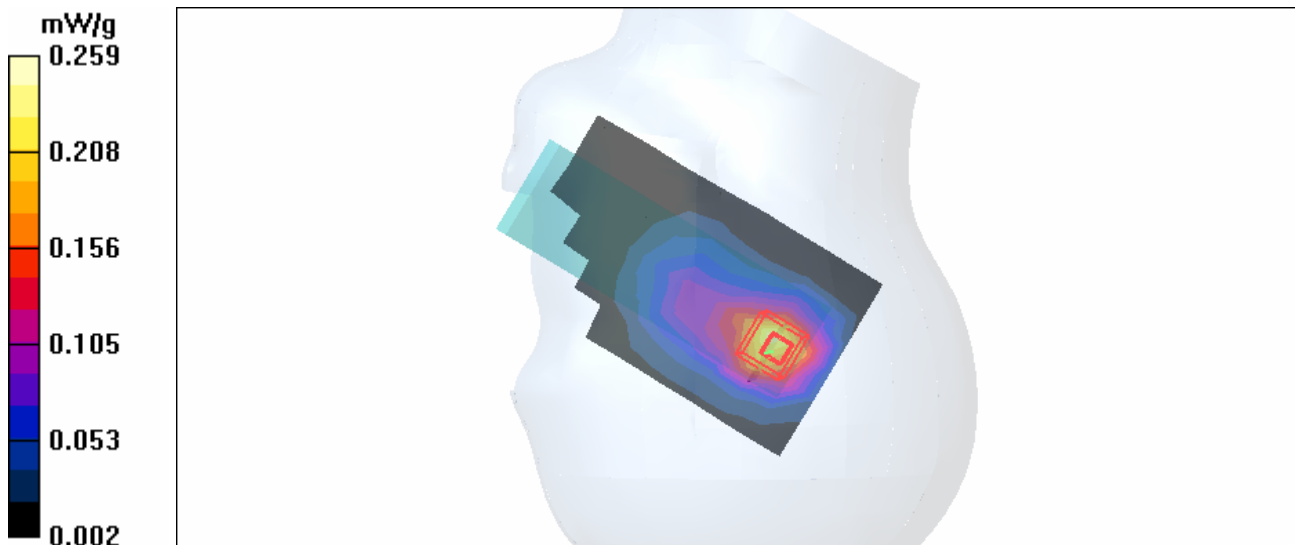
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.5 V/m

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.122 mW/g

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



Date/Time: 2006/2/25 10:43:07

Test Laboratory: Advance Data Technology

Right Head-Tilt-GFSK-Ch39-Mode 2

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.275 mW/g

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

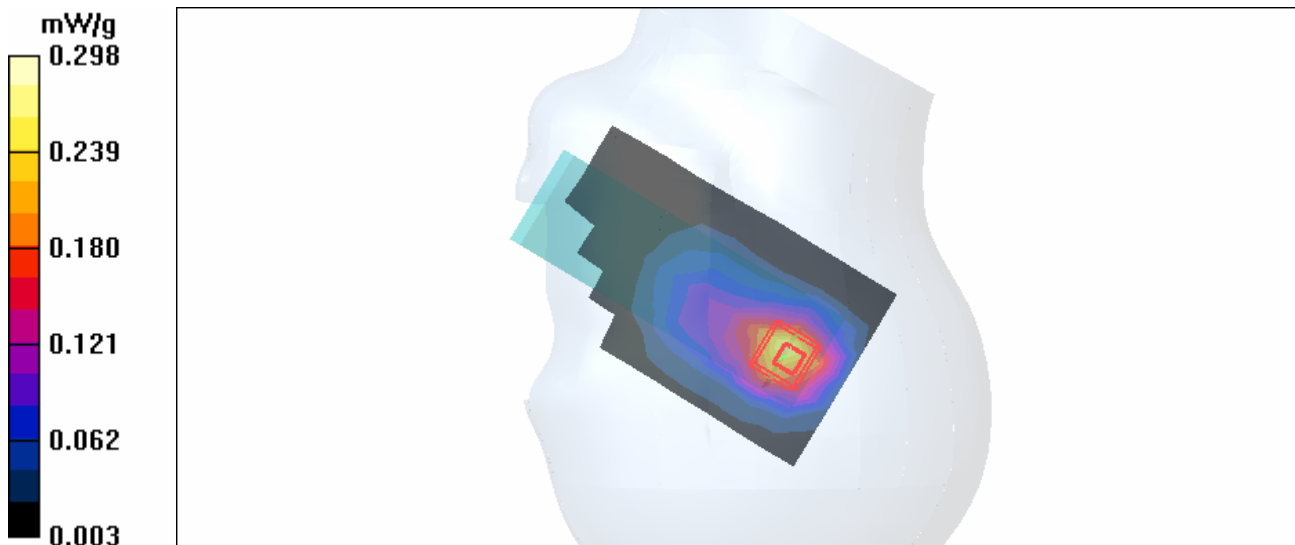
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.7 V/m

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.139 mW/g

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



Date/Time: 2006/2/25 11:02:39

Test Laboratory: Advance Data Technology

Right Head-Tilt-GFSK-Ch78-Mode 2

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.89 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

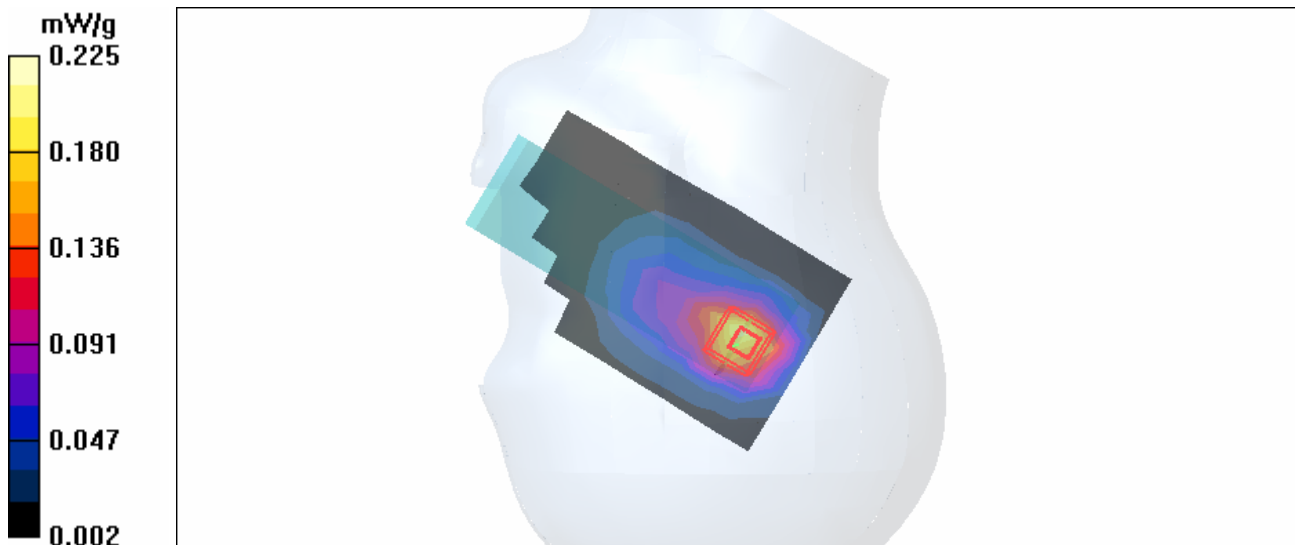
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.2 V/m

Peak SAR (extrapolated) = 0.448 W/kg

SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.106 mW/g

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



Date/Time: 2006/2/25 11:28:05

Test Laboratory: Advance Data Technology

Left Head-Cheek-GFSK-Ch0-Mode 3

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

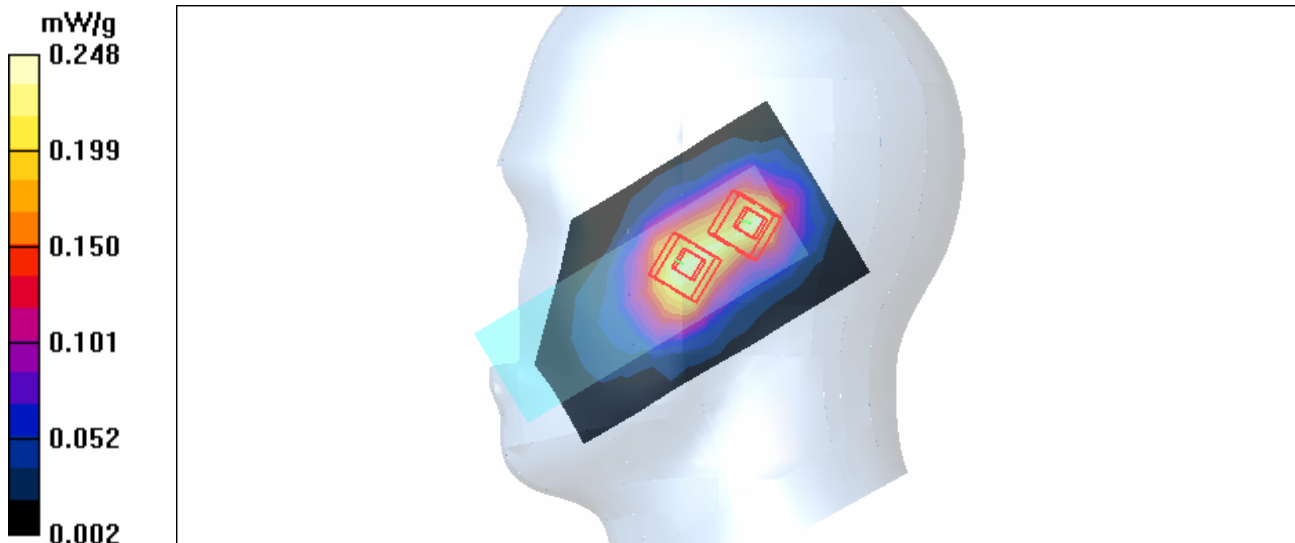
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Low Channel 0/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.238 mW/g

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.120 mW/g
Maximum value of SAR (measured) = 0.243 mW/g

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.128 mW/g
Maximum value of SAR (measured) = 0.248 mW/g



Date/Time: 2006/2/25 11:59:42

Test Laboratory: Advance Data Technology

Left Head-Cheek-GFSK-Ch39-Mode 3

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.275 mW/g

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

Reference Value = 12.8 V/m

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.138 mW/g

Maximum value of SAR (measured) = 0.282 mW/g

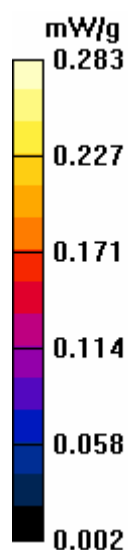
Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.8 V/m

Peak SAR (extrapolated) = 0.471 W/kg

SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.283 mW/g



Date/Time: 2006/2/25 12:31:18

Test Laboratory: Advance Data Technology

Left Head-Cheek-GFSK-Ch78-Mode 3

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

Reference Value = 11.3 V/m

Peak SAR (extrapolated) = 0.388 W/kg

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

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

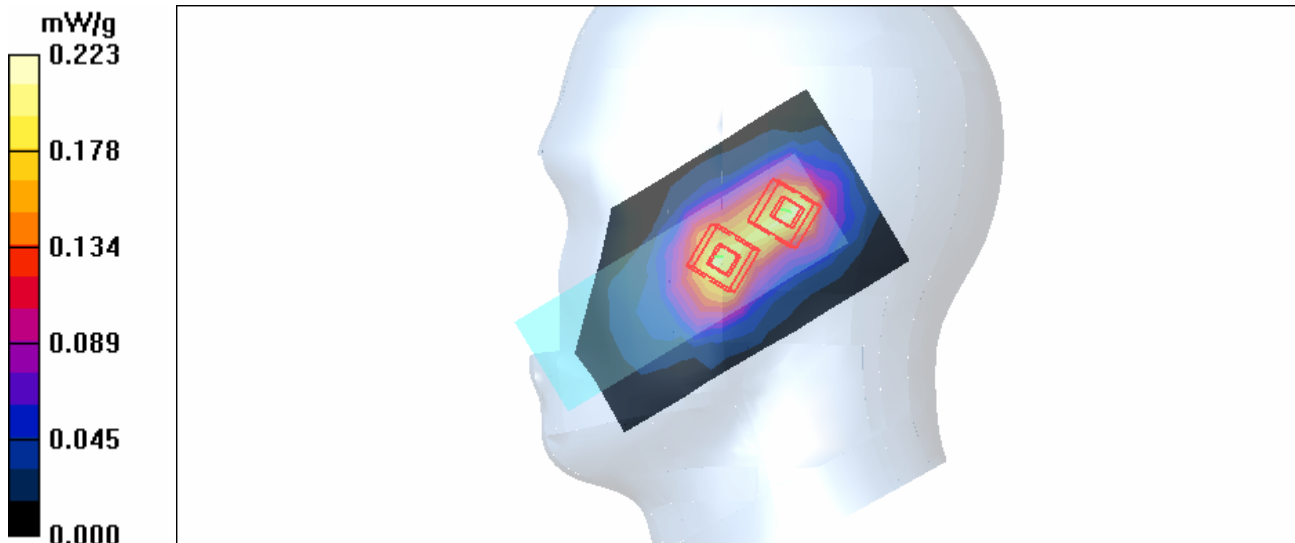
Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m

Peak SAR (extrapolated) = 0.349 W/kg

SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.108 mW/g

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



Date/Time: 2006/2/25 13:03:39

Test Laboratory: Advance Data Technology

Left Head-Tilt-GFSK-Ch0-Mode 4

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.215 mW/g

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

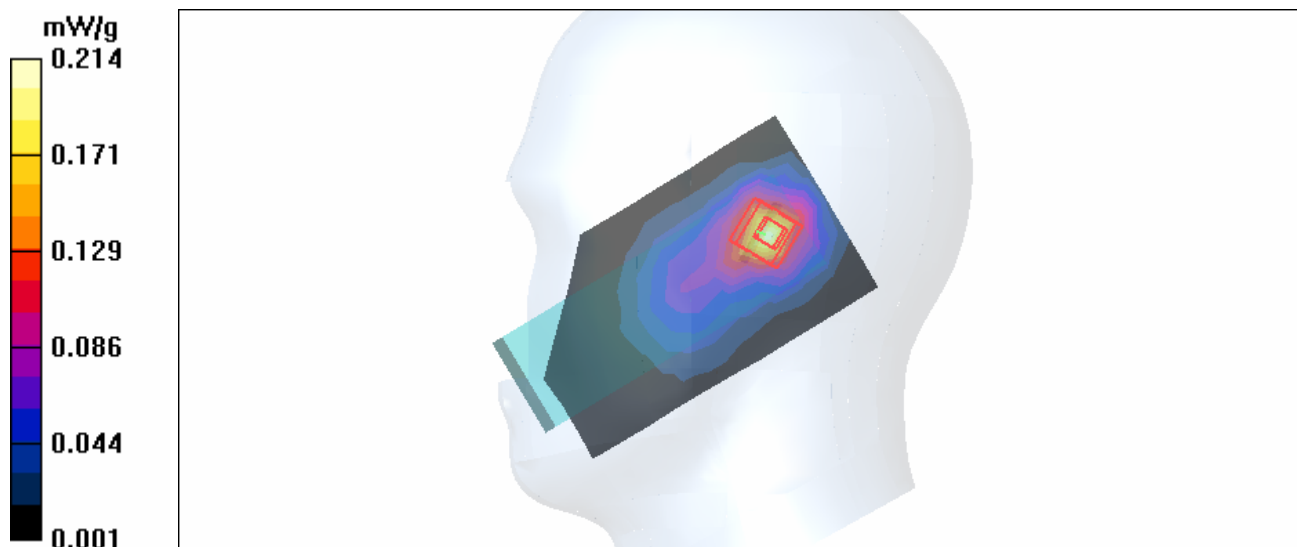
dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.4 V/m

Peak SAR (extrapolated) = 0.399 W/kg

SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.214 mW/g



Date/Time: 2006/2/25 13:23:16

Test Laboratory: Advance Data Technology

Left Head-Tilt-GFSK-Ch39-Mode 4

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

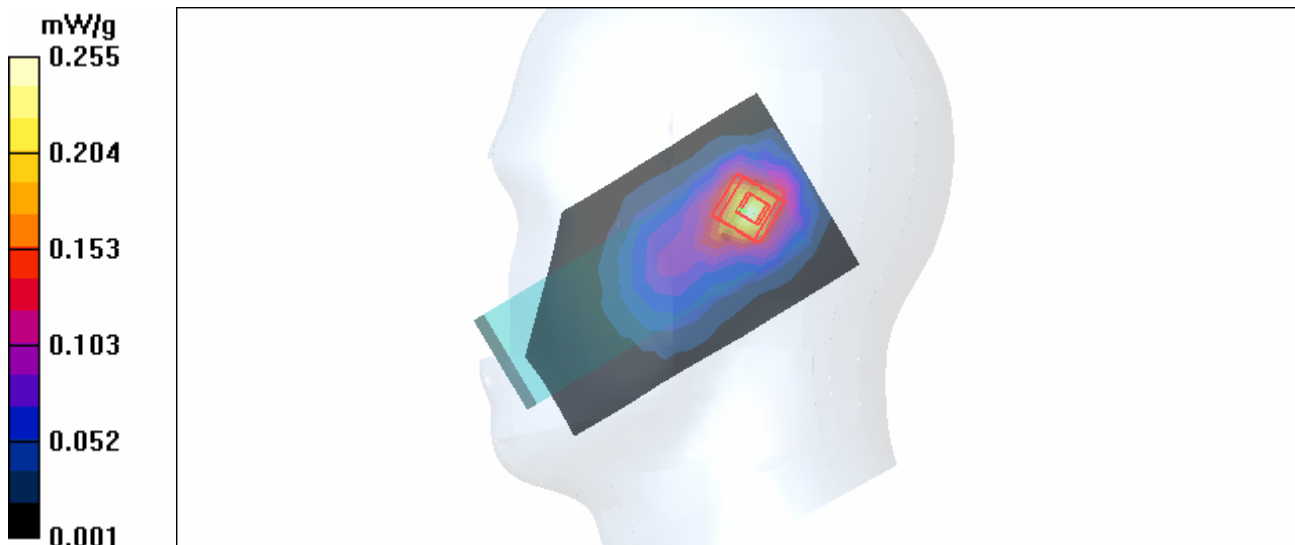
dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.6 V/m

Peak SAR (extrapolated) = 0.465 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.255 mW/g



Date/Time: 2006/2/25 13:43:09

Test Laboratory: Advance Data Technology

Left Head-Tilt-GFSK-Ch78-Mode 4

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.89 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.237 mW/g

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

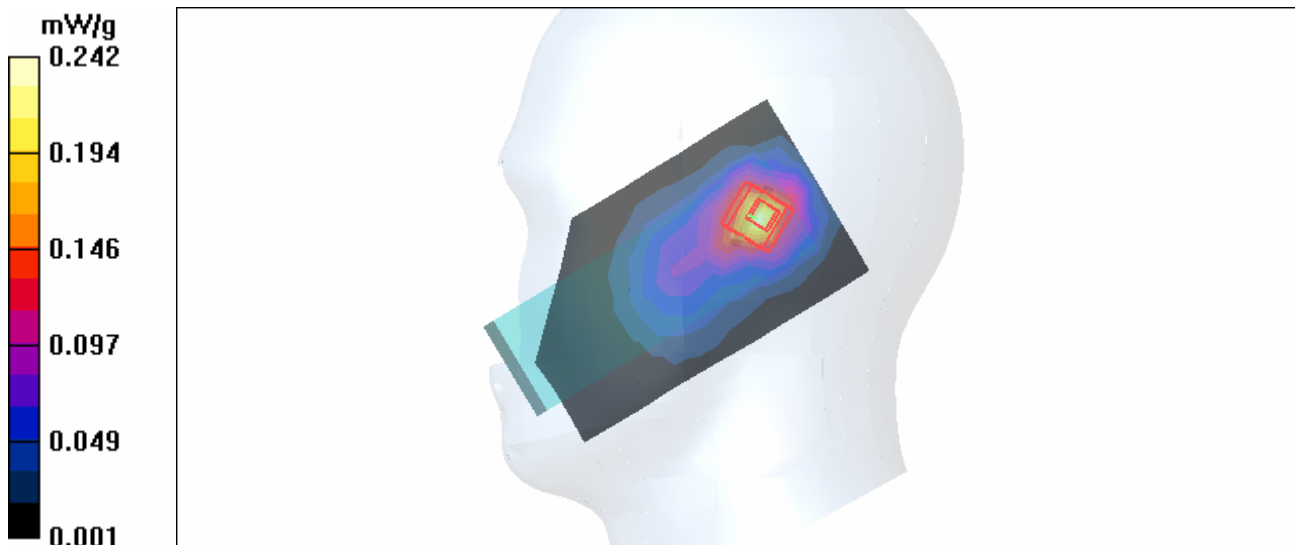
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 11.9 V/m

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.111 mW/g

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



Date/Time: 2006/2/25 14:10:18

Test Laboratory: Advance Data Technology

Right Head-Cheek-8PSK-Ch0-Mode 5

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

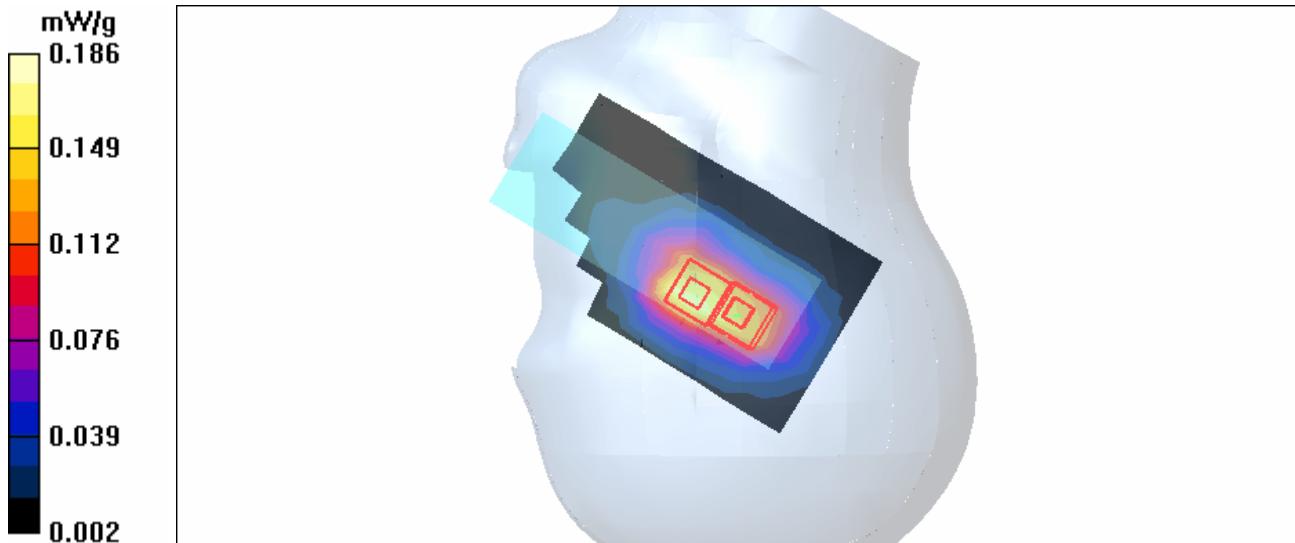
DASY4 Configuration:

- Probe: ET3DV6 - SN1790; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Low Channel 0/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.171 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 = 8.55 V/m
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.186 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 = 8.55 V/m
Peak SAR (extrapolated) = 0.291 W/kg
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



Date/Time: 2006/2/25 14:41:44

Test Laboratory: Advance Data Technology

Right Head-Cheek-8PSK-Ch39-Mode 5

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.164 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 = 8.54 V/m

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.185 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 = 8.54 V/m

Peak SAR (extrapolated) = 0.293 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.084 mW/g

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



Date/Time: 2006/2/25 15:13:00

Test Laboratory: Advance Data Technology

Right Head-Cheek-8PSK-Ch78-Mode 5

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.178 mW/g

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

Reference Value = 8.95 V/m

Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.098 mW/g

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

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

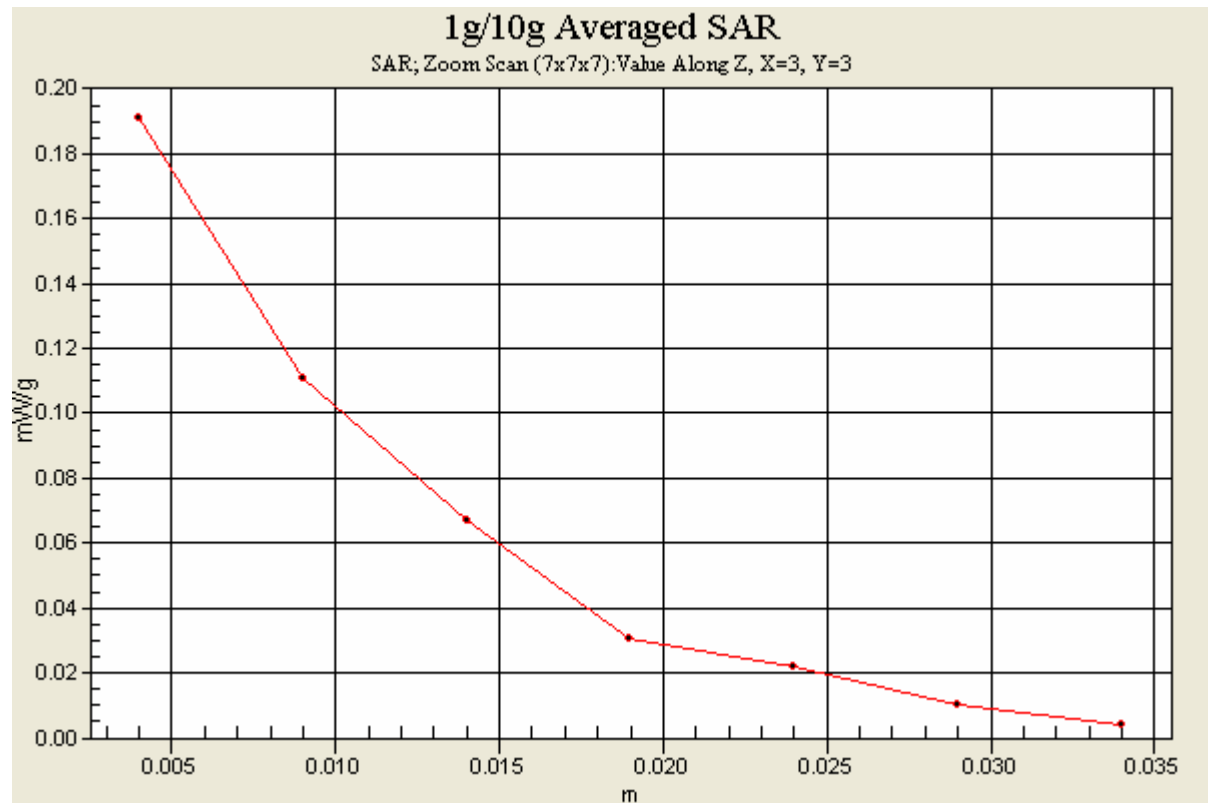
Reference Value = 8.95 V/m

Peak SAR (extrapolated) = 0.339 W/kg

SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.190 mW/g





Date/Time: 2006/2/25 15:53:42

Test Laboratory: Advance Data Technology

Right Head-Tilt-8PSK-Ch0-Mode 6

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Low Channel 0/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

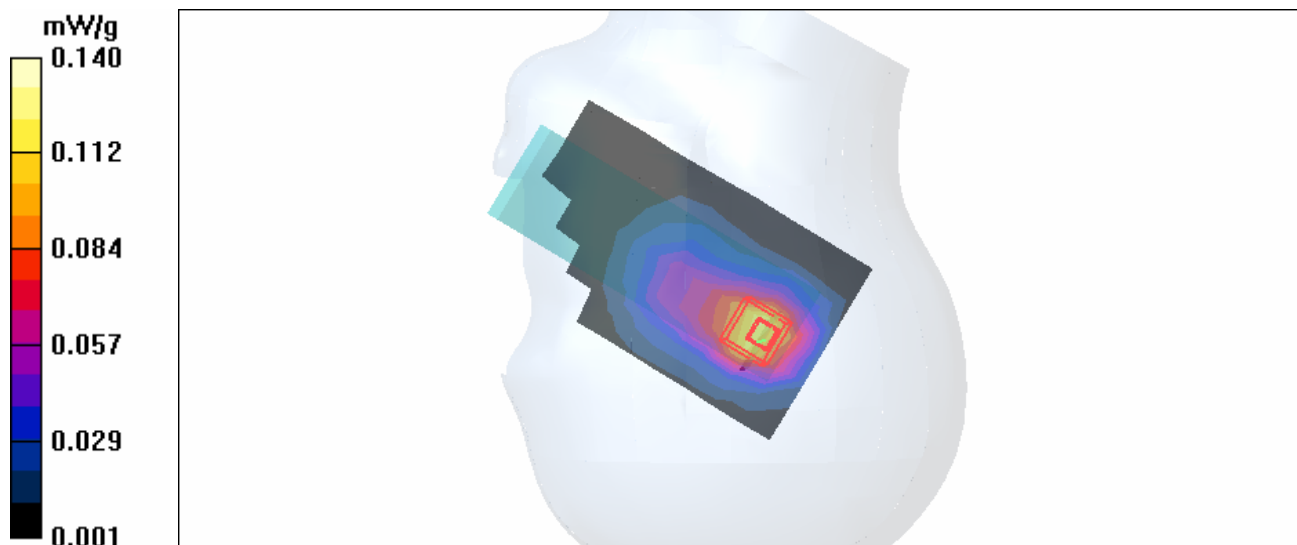
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.91 V/m

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.068 mW/g

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



Date/Time: 2006/2/25 16:13:30

Test Laboratory: Advance Data Technology

Right Head-Tilt-8PSK-Ch39-Mode 6

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

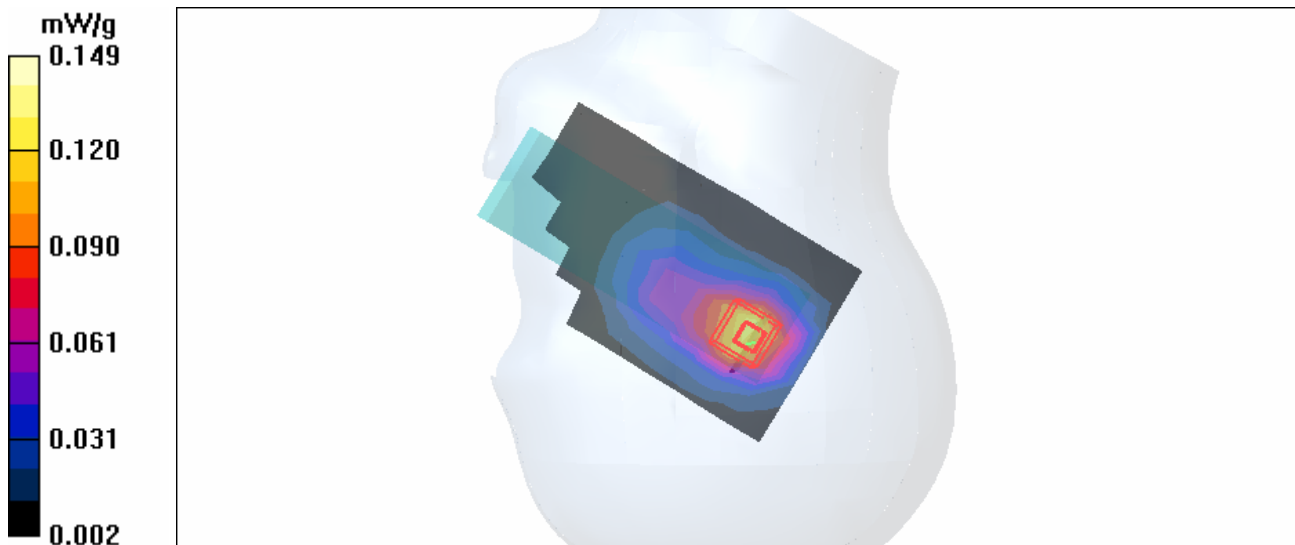
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.91 V/m

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.071 mW/g

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



Date/Time: 2006/2/25 16:33:27

Test Laboratory: Advance Data Technology

Right Head-Tilt-8PSK-Ch78-Mode 6

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.89 \text{ mho/m}$; $\epsilon_r = 39.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

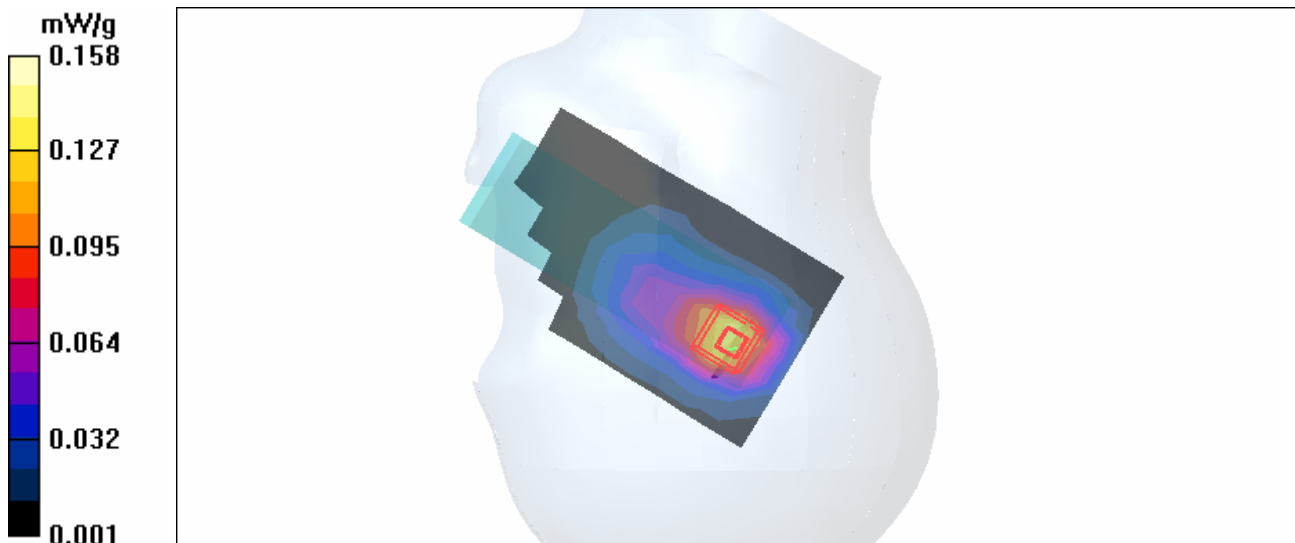
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.12 V/m

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.075 mW/g

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



Date/Time: 2006/2/25 16:59:51

Test Laboratory: Advance Data Technology

Left Head-Cheek-8PSK-Ch0-Mode 7

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 40$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

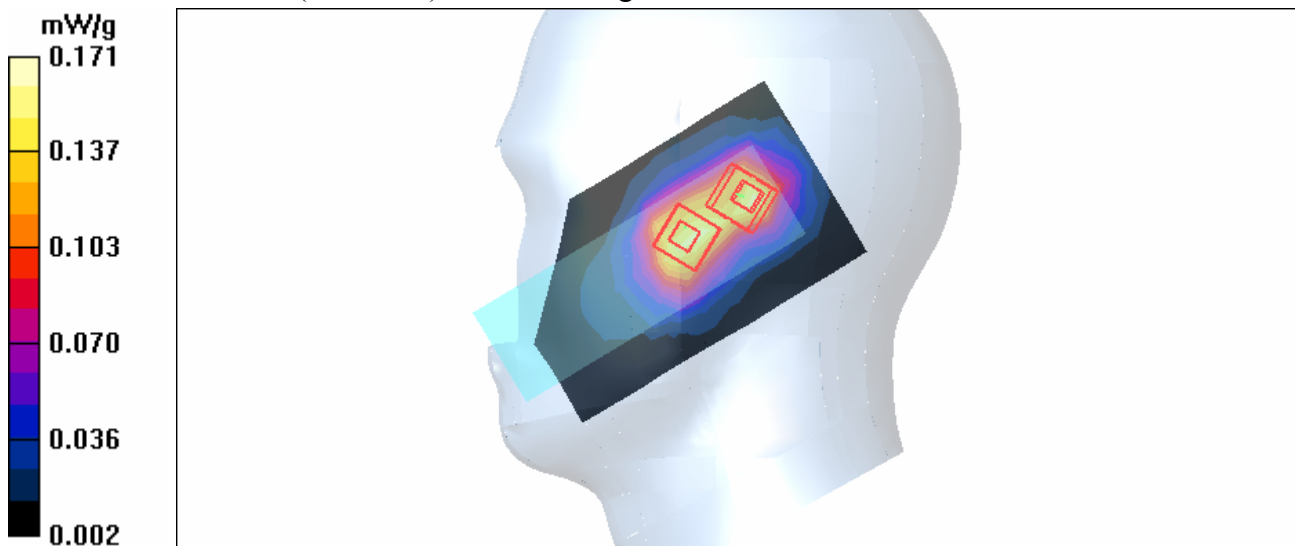
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Touch position - Low Channel 0/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.158 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 = 10.1 V/m
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.169 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 = 10.1 V/m
Peak SAR (extrapolated) = 0.268 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.171 mW/g



Date/Time: 2006/2/25 17:31:12

Test Laboratory: Advance Data Technology

Left Head-Cheek-8PSK-Ch39-Mode 7

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.162 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 = 9.95 V/m

Peak SAR (extrapolated) = 0.292 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.175 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 = 9.95 V/m

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.168 mW/g



Date/Time: 2006/2/25 18:02:51

Test Laboratory: Advance Data Technology

Left Head-Cheek-8PSK-Ch78-Mode 7

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Phantom: SAM 12 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

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

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

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

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

- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

Maximum value of SAR (measured) = 0.174 mW/g

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

Reference Value = 10.2 V/m

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 0.195 mW/g

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

Reference Value = 10.2 V/m

Peak SAR (extrapolated) = 0.274 W/kg

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.088 mW/g

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



Date/Time: 2006/2/25 18:35:09

Test Laboratory: Advance Data Technology

Left Head-Tilt-8PSK-Ch0-Mode 8

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.81$ mho/m; $\epsilon_r = 40$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: 8PSK

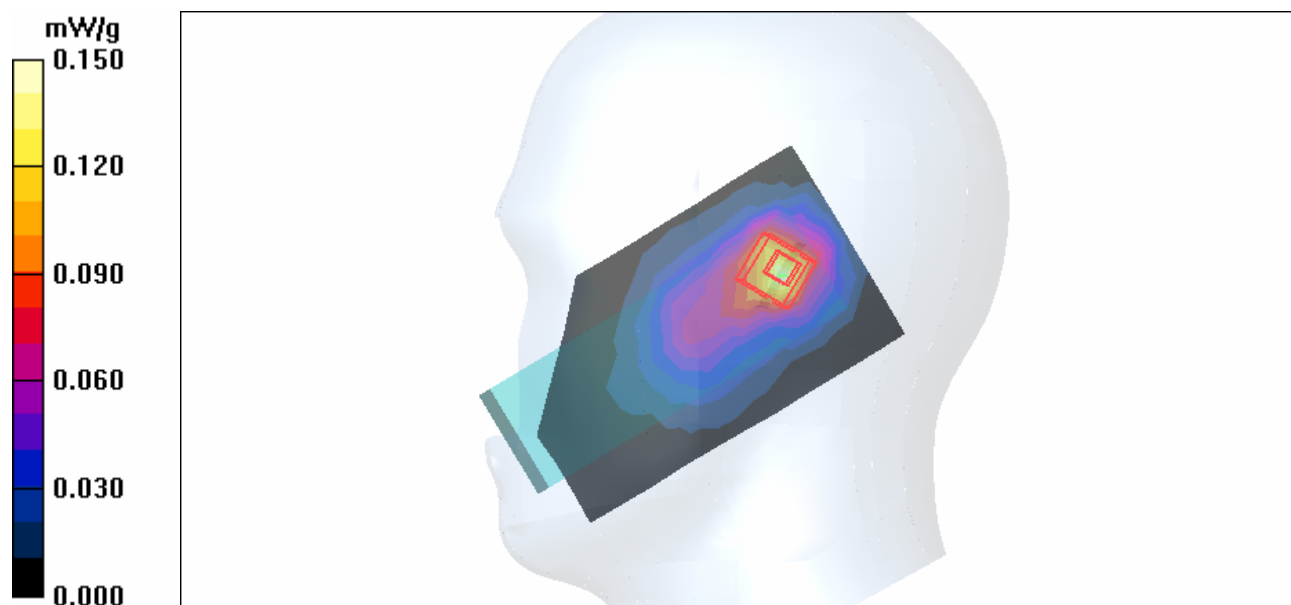
Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Low Channel 0/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.147 mW/g

Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.72 V/m
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.150 mW/g



Date/Time: 2006/2/25 18:54:59

Test Laboratory: Advance Data Technology

Left Head-Tilt-8PSK-Ch39-Mode 8

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.86 \text{ mho/m}$; $\epsilon_r = 39.8$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Tilt position - Mid Channel 39/Area Scan (7x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.149 mW/g

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

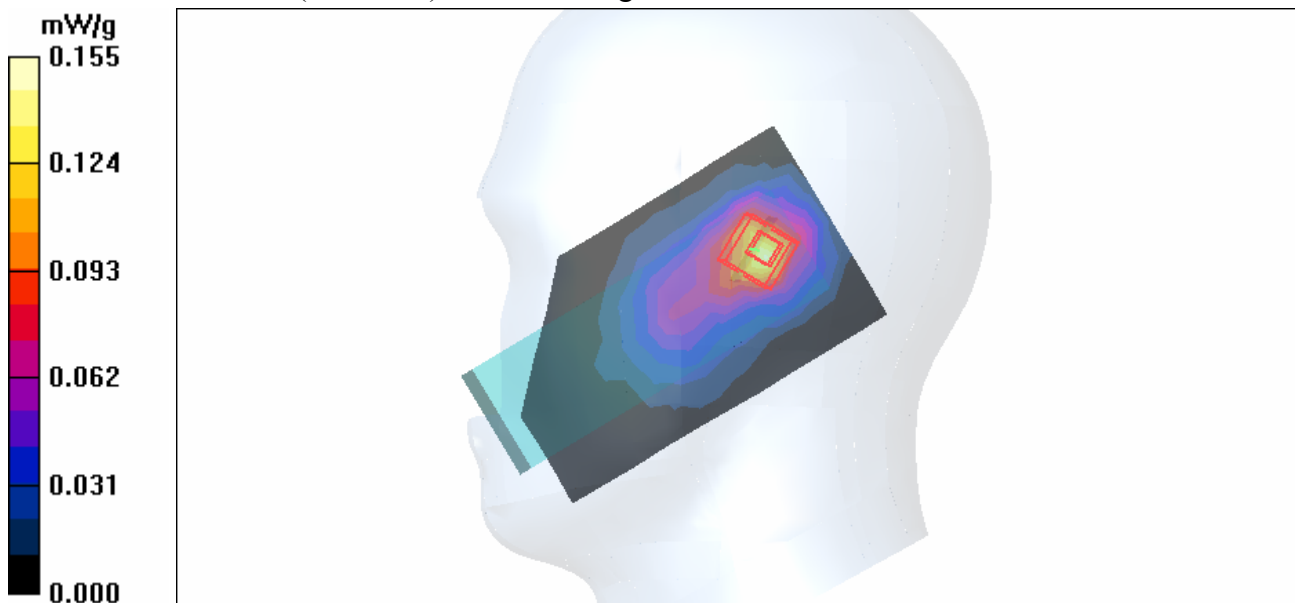
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.52 V/m

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.155 mW/g



Date/Time: 2006/2/25 19:14:50

Test Laboratory: Advance Data Technology

Left Head-Tilt-8PSK-Ch78-Mode 8

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Medium: HSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³ ;

Liquid level: 151 mm

Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: 8PSK

Antenna type : CHIP Antenna ; Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

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

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

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

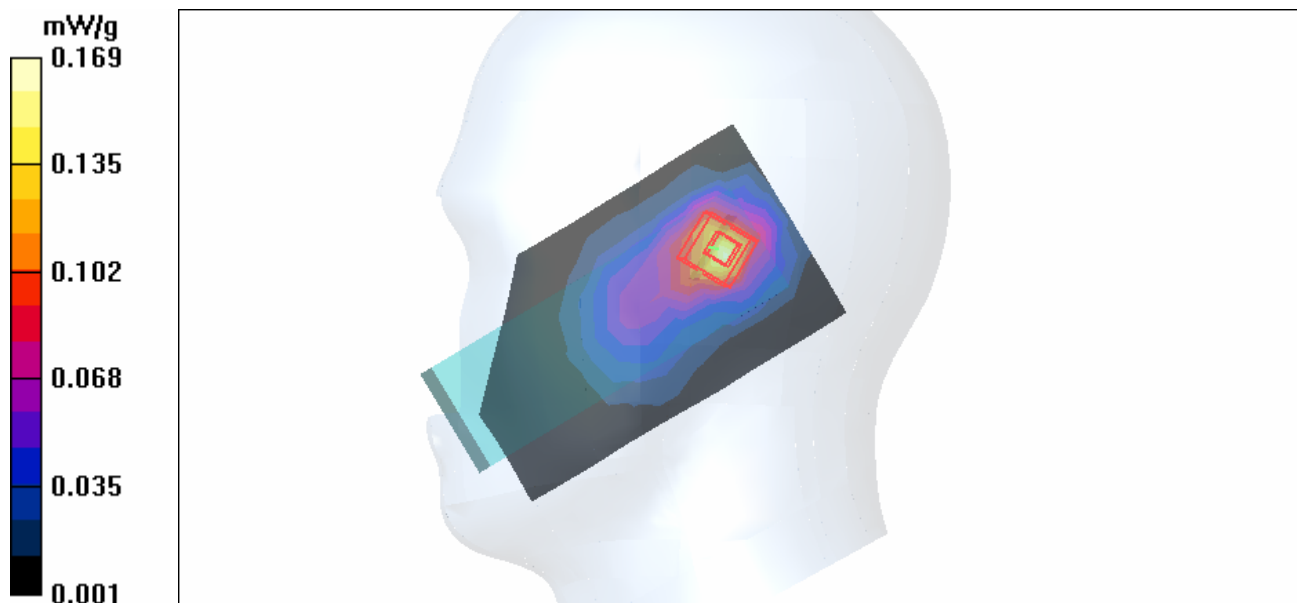
dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.89 V/m

Peak SAR (extrapolated) = 0.312 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.078 mW/g

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



Date/Time: 2006/2/23 14:57:03

Test Laboratory: Advance Data Technology

BodyWorn-GFSK-Ch0-Keypad Down-Mode 9

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1
 Medium: MSL2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.95 \text{ mho/m}$; $\epsilon_r = 51.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK
 Separation Distance : 0 mm (The bottom side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

Low Channel 0/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.356 mW/g

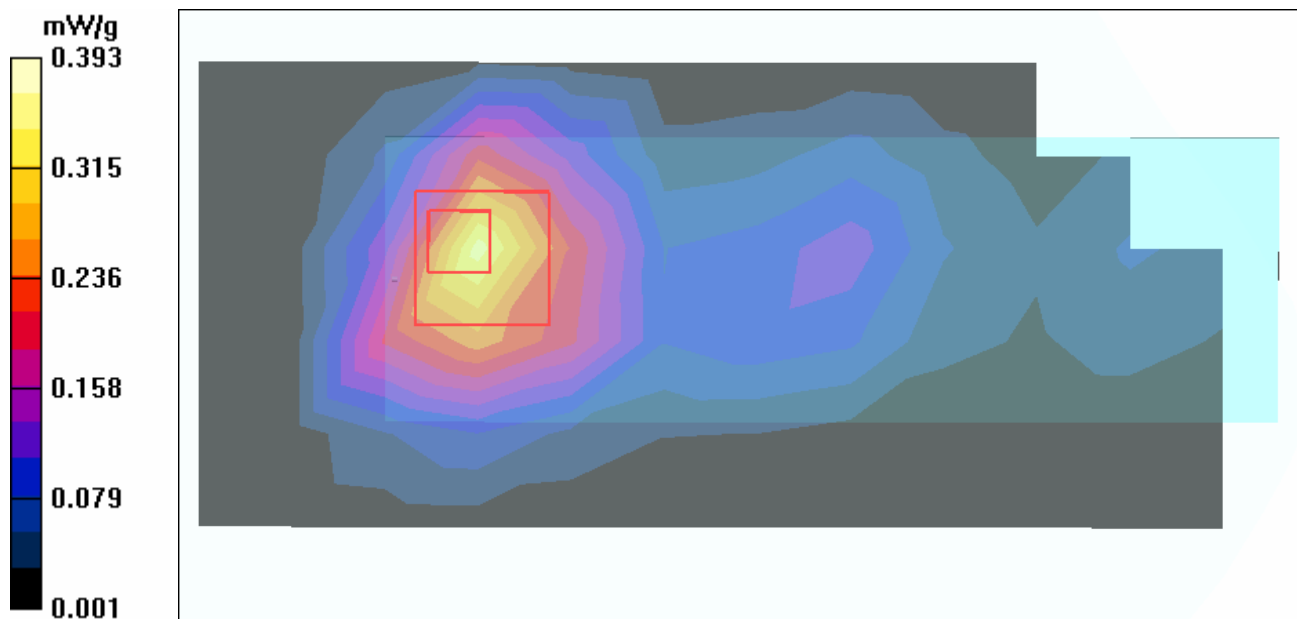
Low Channel 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.86 V/m

Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 0.393 mW/g



Date/Time: 2006/2/23 15:17:03

Test Laboratory: Advance Data Technology

BodyWorn-GFSK-Ch39-Keypad Down-Mode 9

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

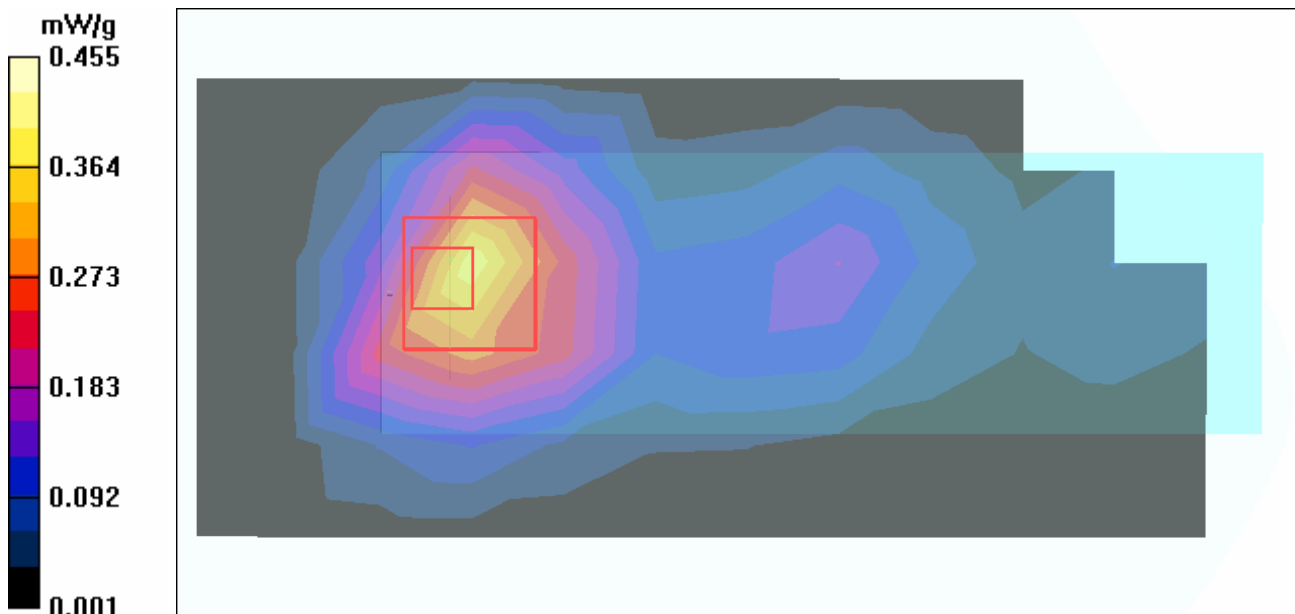
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1
 Medium: MSL2450 Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 2 \text{ mho/m}$; $\epsilon_r = 51$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK
 Separation Distance : 0 mm (The bottom side of the EUT to the Phantom)
 Antenna Type : PIFA Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

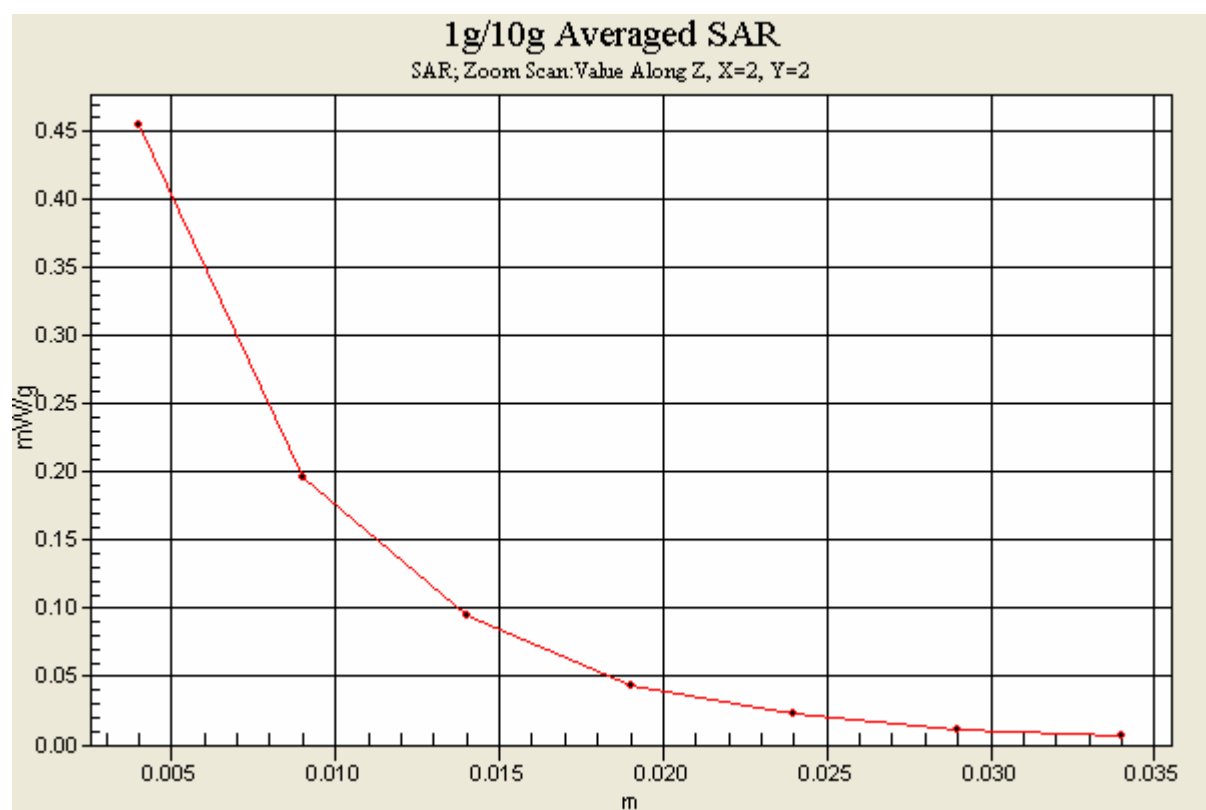
DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

Mid Channel 39/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.391 mW/g

Mid Channel 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.6 V/m
 Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.207 mW/g
 Maximum value of SAR (measured) = 0.455 mW/g





Date/Time: 2006/2/23 15:35:54

Test Laboratory: Advance Data Technology

BodyWorn-GFSK-Ch78-Keypad Down-Mode 9

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.04$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

High Channel 78/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

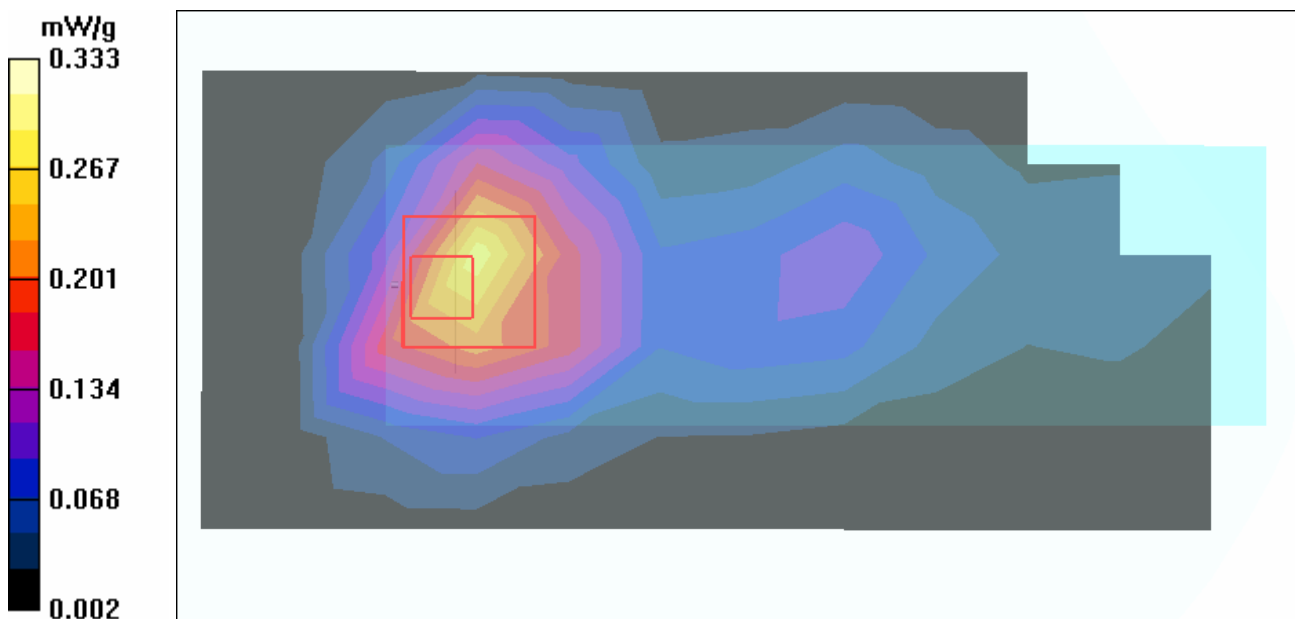
High Channel 78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.00 V/m

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.150 mW/g

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



Date/Time: 2006/2/23 15:58:54

Test Laboratory: Advance Data Technology

BodyWorn-GFSK-Ch39-Keypad Up-Mode 10

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

Mid Channel 39/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.314 mW/g

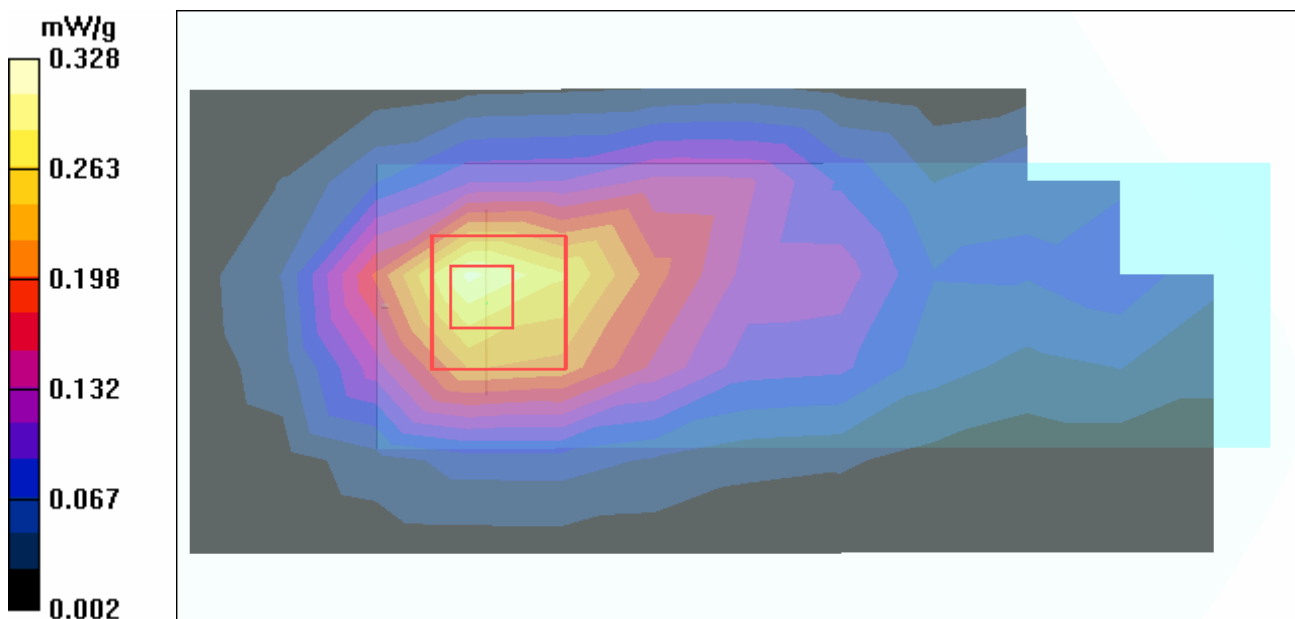
Mid Channel 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.2 V/m

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.163 mW/g

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



Date/Time: 2006/2/23 16:22:33

Test Laboratory: Advance Data Technology

BodyWorn-8PSK-Ch0-Keypad Down-Mode 11

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : CHIP Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

Low Channel 0/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

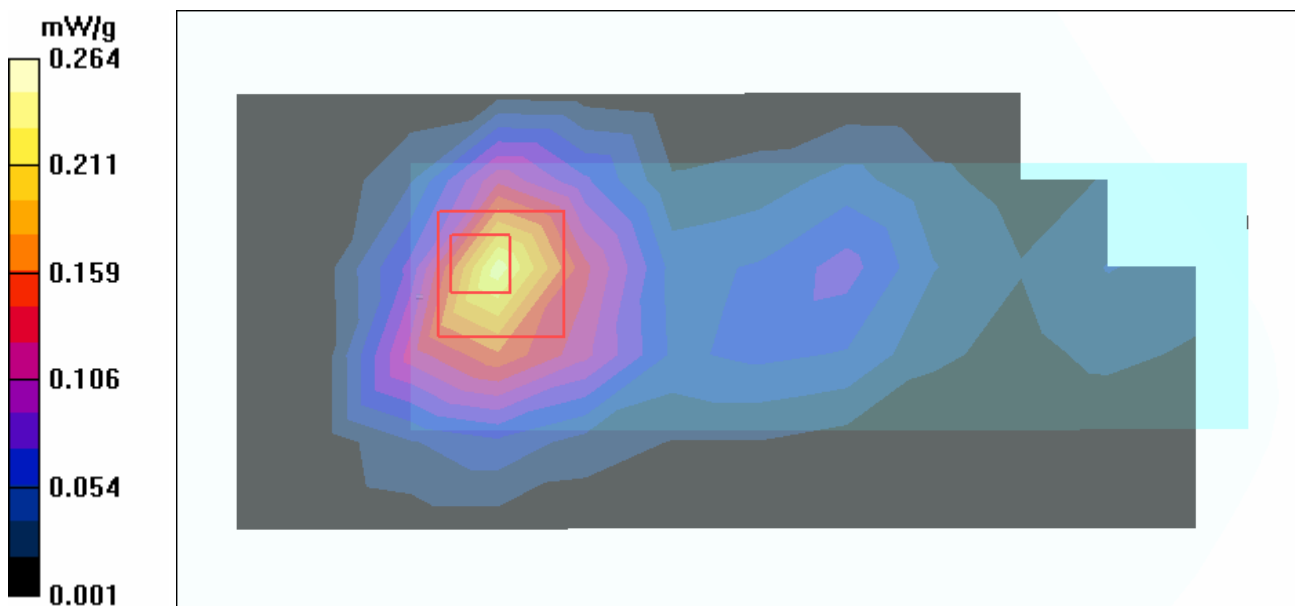
Low Channel 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.82 V/m

Peak SAR (extrapolated) = 0.639 W/kg

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.117 mW/g

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



Date/Time: 2006/2/23 16:44:19

Test Laboratory: Advance Data Technology

BodyWorn-8PSK-Ch39-Keypad Down-Mode 11

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2441 MHz

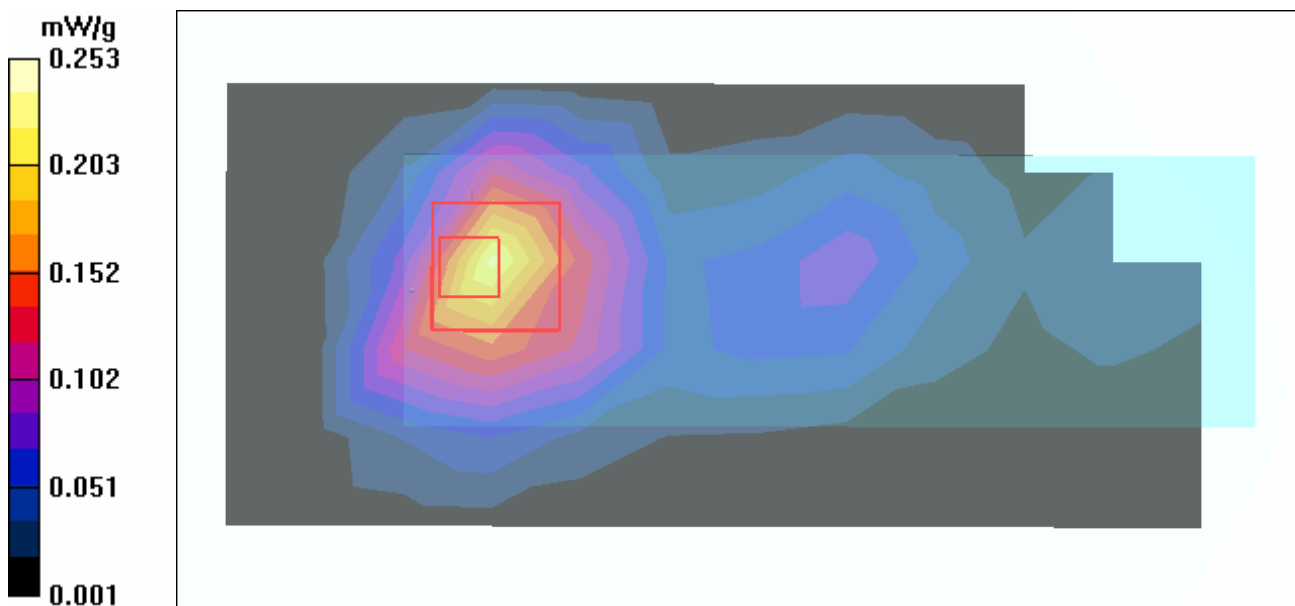
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1
 Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm
 Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: 8PSK
 Separation Distance : 0 mm (The bottom side of the EUT to the Phantom)
 Antenna Type : CHIP Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

Mid Channel 39/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.227 mW/g

Mid Channel 39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.53 V/m
 Peak SAR (extrapolated) = 0.658 W/kg
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.114 mW/g
 Maximum value of SAR (measured) = 0.253 mW/g



Date/Time: 2006/2/23 17:04:12

Test Laboratory: Advance Data Technology

BodyWorn-8PSK-Ch78-Keypad Down-Mode 11

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2480 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.04$ mho/m; $\epsilon_r = 50.9$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : CHIP Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

High Channel 78/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

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

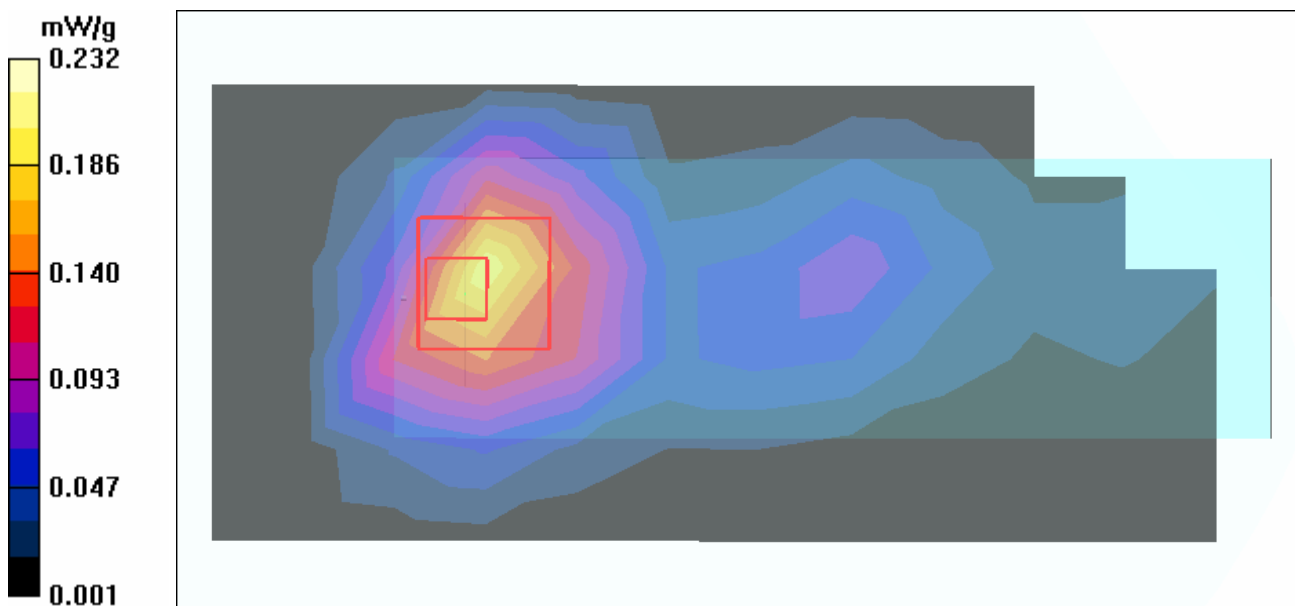
High Channel 78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.17 V/m

Peak SAR (extrapolated) = 0.650 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.103 mW/g

Maximum value of SAR (measured) = 0.232 mW/g



Date/Time: 2006/2/23 17:25:27

Test Laboratory: Advance Data Technology

BodyWorn-8PSK-Ch0-Keypad Up-Mode 12

DUT: Bluetooth Internet Telephony Handset ; Type: BHP-210 ; Test Frequency: 2402 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : CHIP Antenna ; Air Temp. : 21.9 degrees ; Liquid Temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23 ; Postprocessing SW: SEMCAD, V1.8 Build 160

Low Channel 0/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.220 mW/g

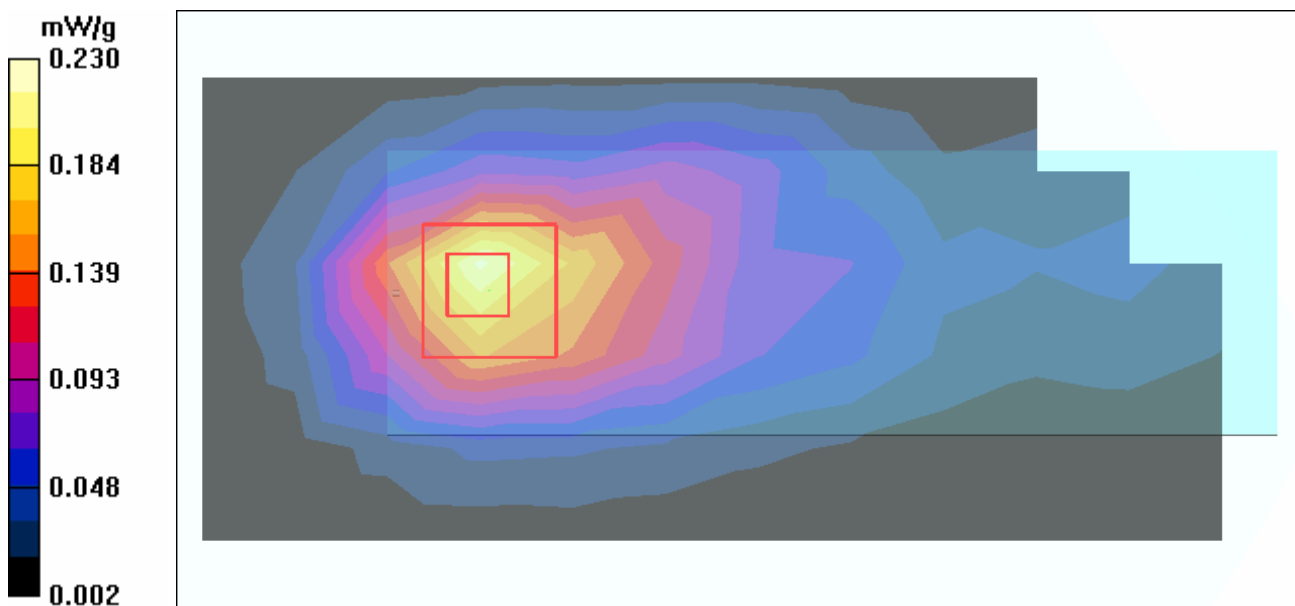
Low Channel 0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.08 V/m

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.230 mW/g



Date/Time: 2006/2/25 07:44:27

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: $f = 2450$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 39.8$; $\rho = 1000$ kg/m³ ;
 Liquid level : 151 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.1 degrees ; Liquid temp. : 21.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.74, 4.74, 4.74) ; Calibrated: 2004/12/20
- SENDER-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 15.8 mW/g

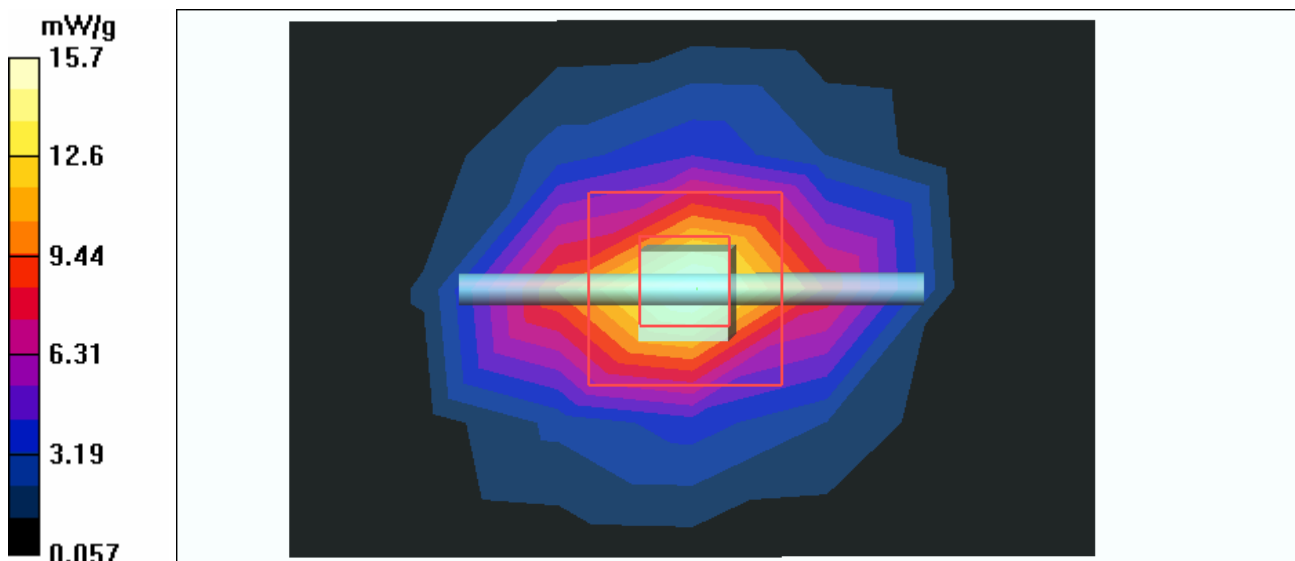
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.4 V/m; Power Drift = -0.044 dB

Peak SAR (extrapolated) = 29.7 W/kg

SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.24 mW/g

Maximum value of SAR (measured) = 15.7 mW/g



Date/Time: 2006/2/23 13:50:46

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: $f = 2450 \text{ MHz}$; $\sigma = 2.01 \text{ mho/m}$; $\epsilon_r = 51$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 21.9 degrees ; Liquid temp. : 20.8 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2004/12/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 15.1 mW/g

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

Reference Value = 91.9 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = **13.3 mW/g**; SAR(10 g) = 6.03 mW/g

