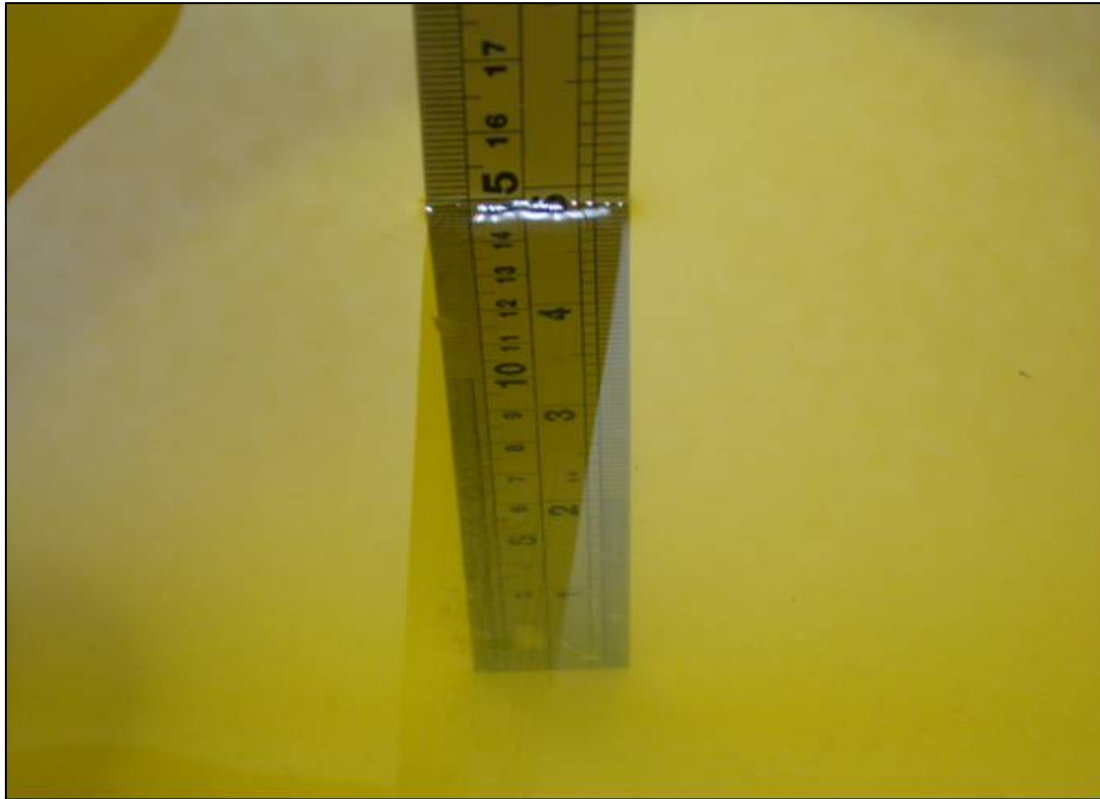


APPENDIX A: TEST DATA

Liquid Level Photo

Tissue HSL835MHz D=150mm



Tissue HSL1900MHz D=151mm



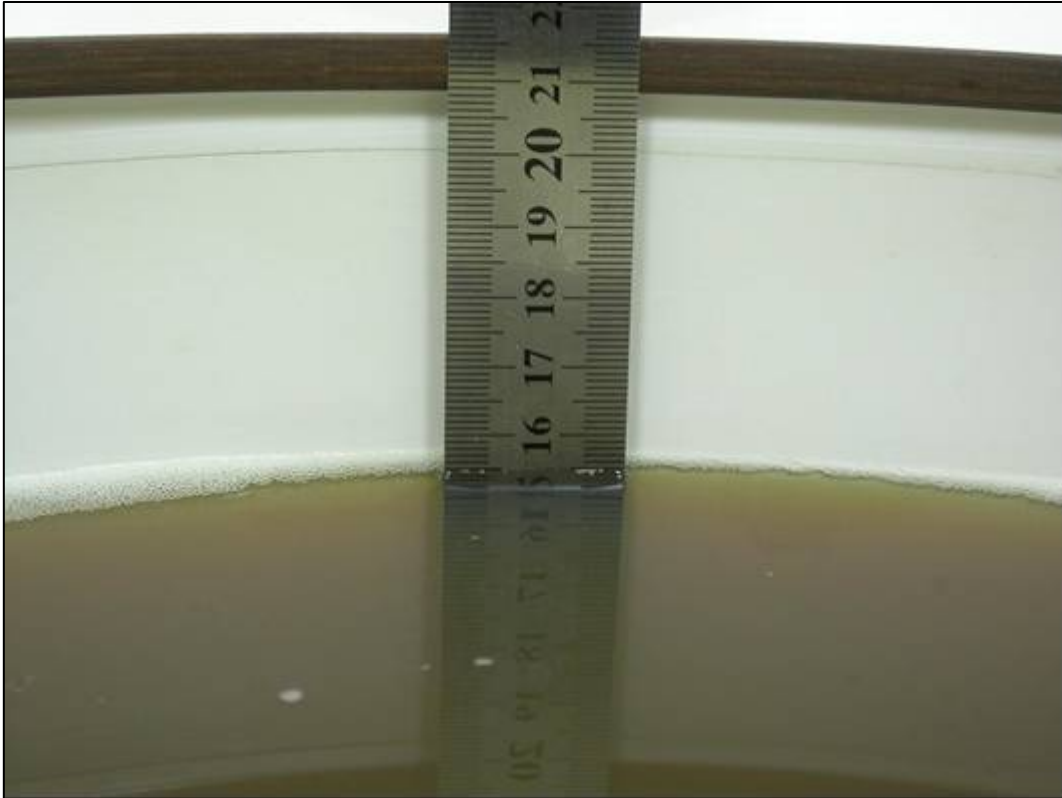
Tissue MSL1900MHz D=150mm



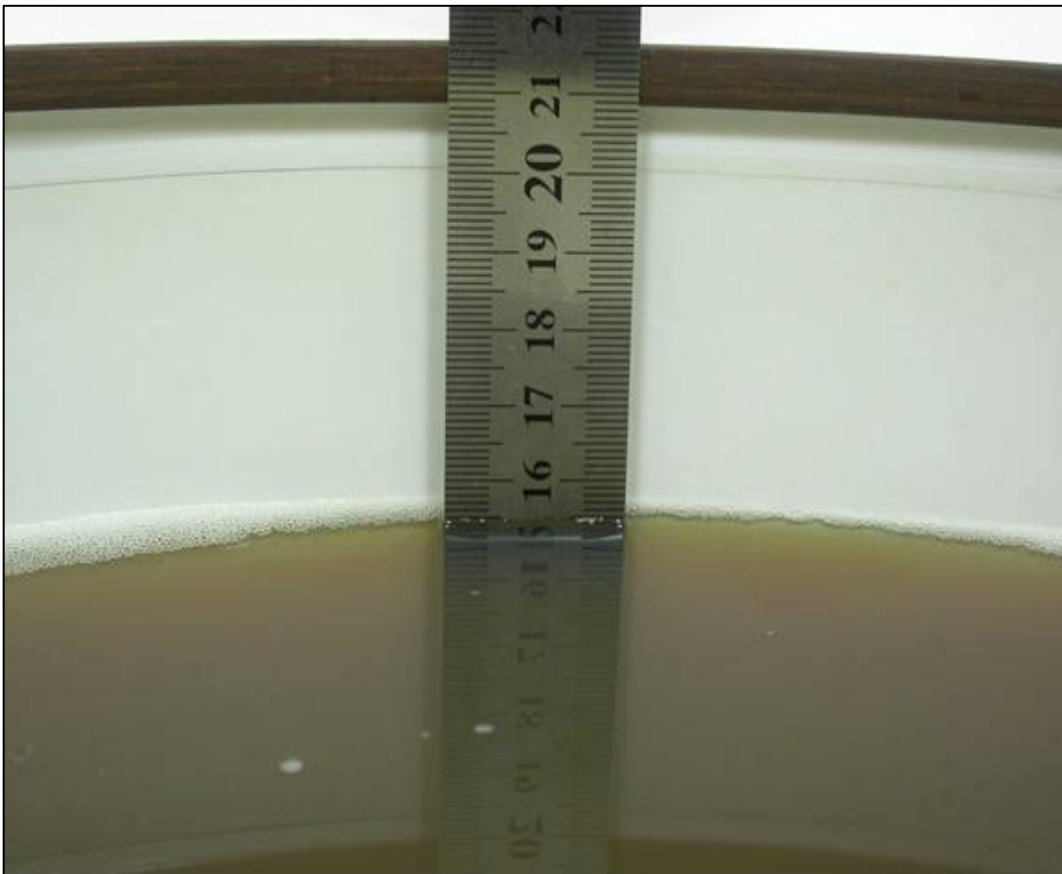
Tissue HSL2450MHz D=152mm



Tissue HSL5200MHz D=155mm



Tissue MSL5200MHz D=155mm



Date/Time: 2006/12/11 11:21:20

Test Laboratory: Advance Data Technology

Left Head-Tilt-CDMA(850)-CH777-Mode 1

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 848.8 MHz

Communication System: CDMA ; Frequency: 848.8 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 0.92 \text{ mho/m}$; $\epsilon_r = 42.1$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 150 mm

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

Antenna type : External Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 777/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

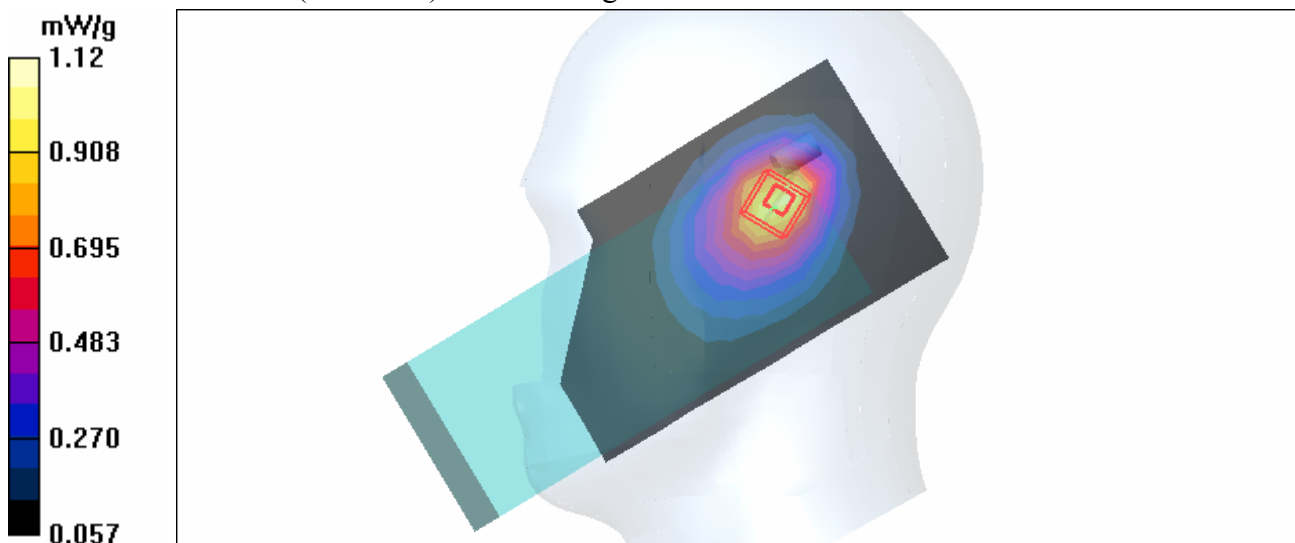
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 31.9 V/m

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.635 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



Date/Time: 2006/12/11 15:20:15

Test Laboratory: Advance Data Technology

Left Head-Tilt-CDMA(1900)-CH600-Mode 2

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 1880 MHz

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

Medium: HSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.38 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 151 mm

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

Antenna type : External Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 600/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.12 mW/g

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

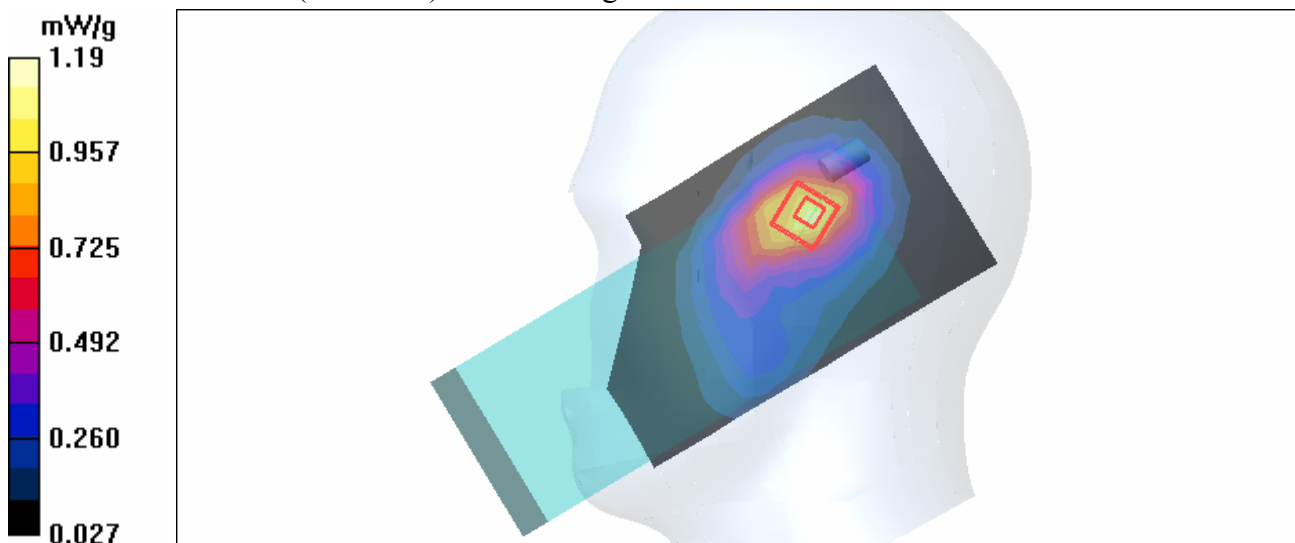
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.5 V/m

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.623 mW/g

Maximum value of SAR (measured) = 1.19 mW/g



Date/Time: 2006/12/11 16:54:25

Test Laboratory: Advance Data Technology

Body Worn-EVDO(1900)-CH600-LCD UP-Mode 3

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 150 mm

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

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

Antenna Type : External Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 600/Area Scan (9x16x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.334 mW/g

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

Reference Value = 8.34 V/m

Peak SAR (extrapolated) = 0.551 W/kg

SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.359 mW/g

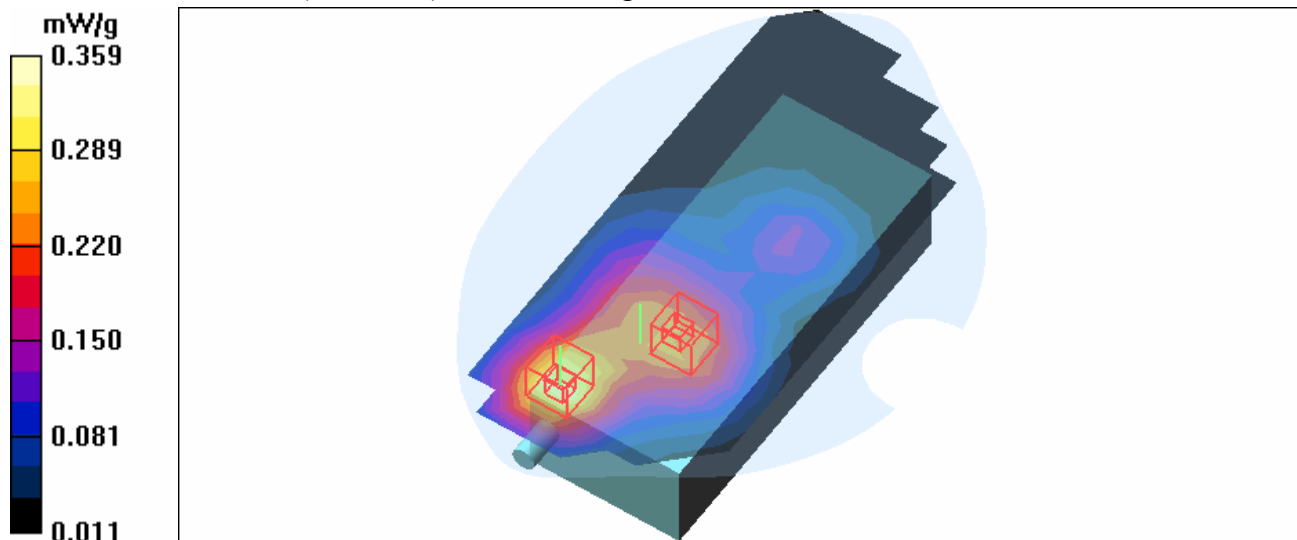
Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.34 V/m

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.279 mW/g



Date/Time: 2006/12/11 20:29:19

Test Laboratory: Advance Data Technology

Body Worn-EVDO(1900)-CH600-LCD UP-Mode 4

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150 mm

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

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

Antenna Type : External Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 600/Area Scan (9x19x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.266 mW/g

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

Reference Value = 7.50 V/m

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.164 mW/g

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

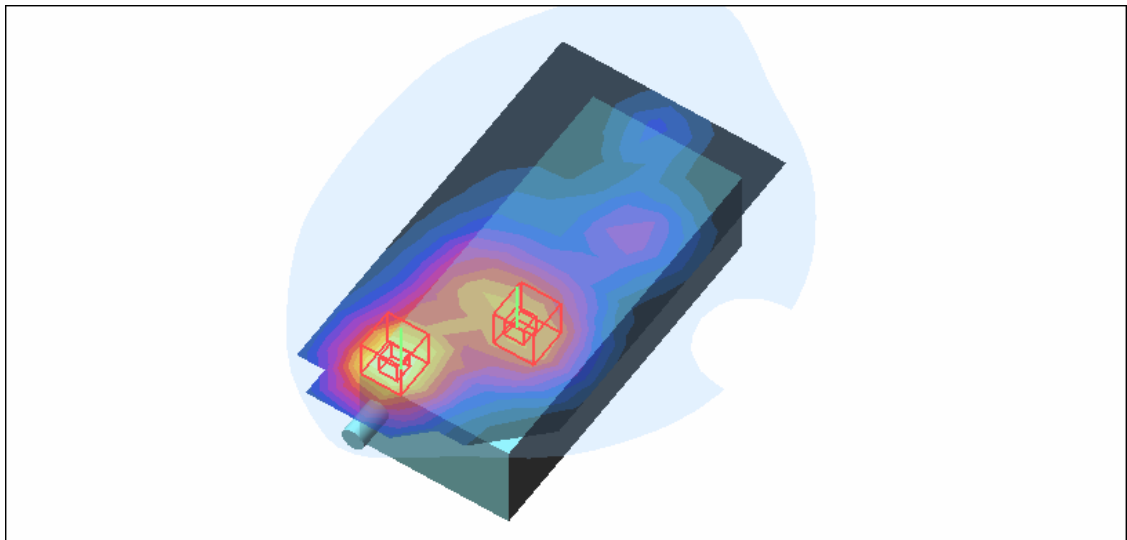
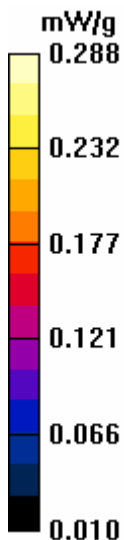
Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.50 V/m

Peak SAR (extrapolated) = 0.569 W/kg

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.136 mW/g

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



Date/Time: 2006/12/11 17:59:52

Test Laboratory: Advance Data Technology

Body Worn-EVDO(1900)-CH600-Mode 5

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 53.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 150 mm

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

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

Antenna Type : External Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 600/Area Scan (9x19x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.300 mW/g

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

Reference Value = 7.8 V/m

Peak SAR (extrapolated) = 0.702 W/kg

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.334 mW/g

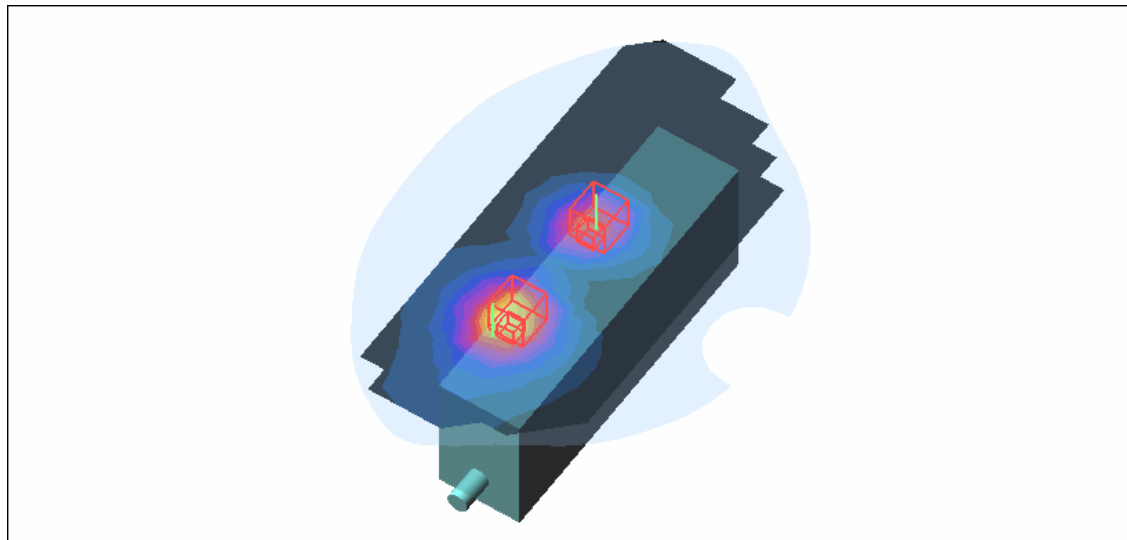
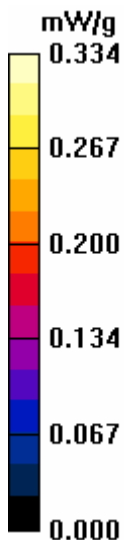
Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.8 V/m

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.107 mW/g

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



Date/Time: 2006/12/11 09:14:26

Test Laboratory: Advance Data Technology

Body Worn-EVDO(1900)-CH600-Mode 6

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.49 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150 mm

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

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

Antenna Type : External Antenna ; Air Temp. : 22.4 degrees ; Liquid Temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 600/Area Scan (9x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 9.58 V/m

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.141 mW/g

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

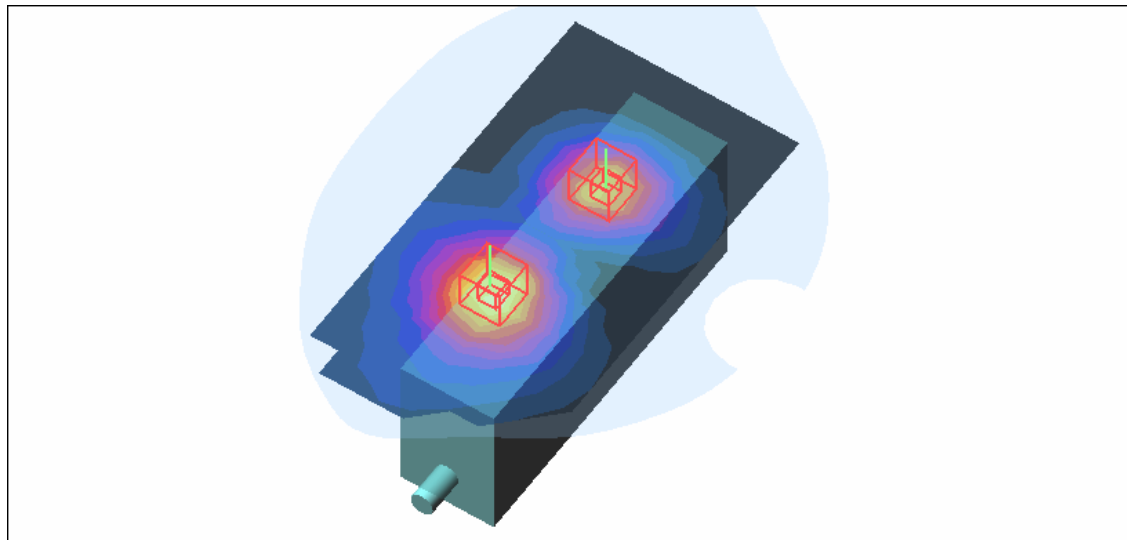
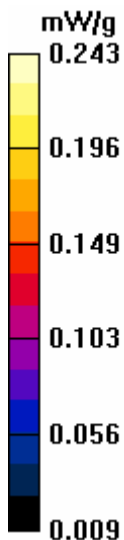
Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.58 V/m

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.113 mW/g

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



Date/Time: 2006/12/11 13:30:01

Test Laboratory: Advance Data Technology

Right Head-Cheek-11b-CH6-Mode 7

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 6/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.560 mW/g

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

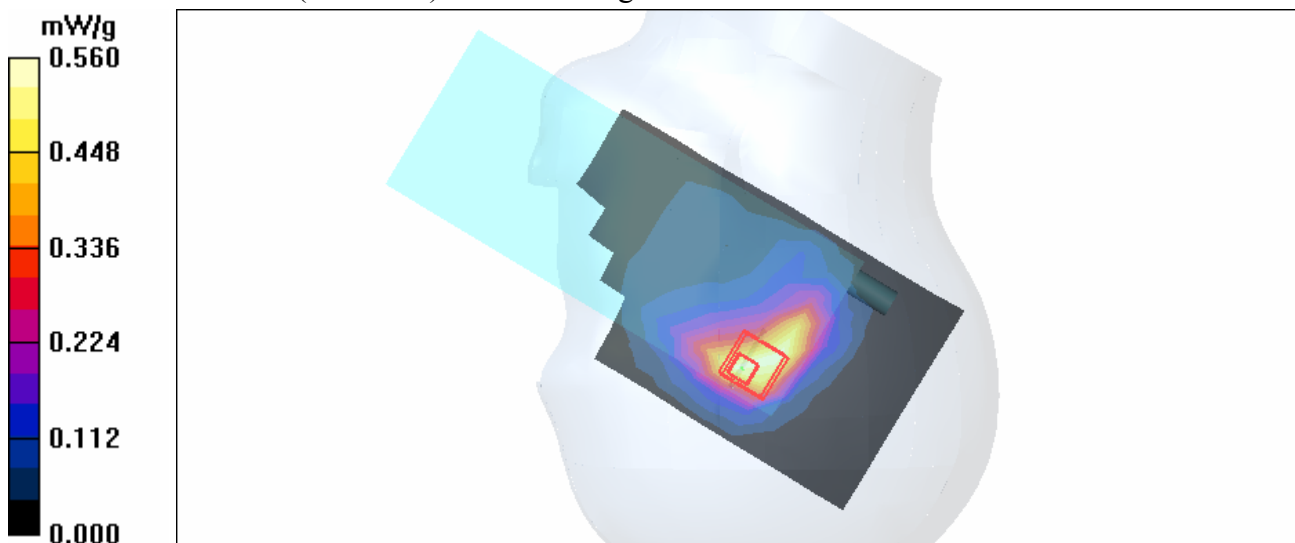
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.7 V/mA

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.261 mW/g

Maximum value of SAR (measured) = 0.549 mW/g



Date/Time: 2006/12/11 13:54:01

Test Laboratory: Advance Data Technology

Right Head-Cheek-11g-CH6-Mode 8

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1

Medium: HSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.81 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 152 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.3 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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 6/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

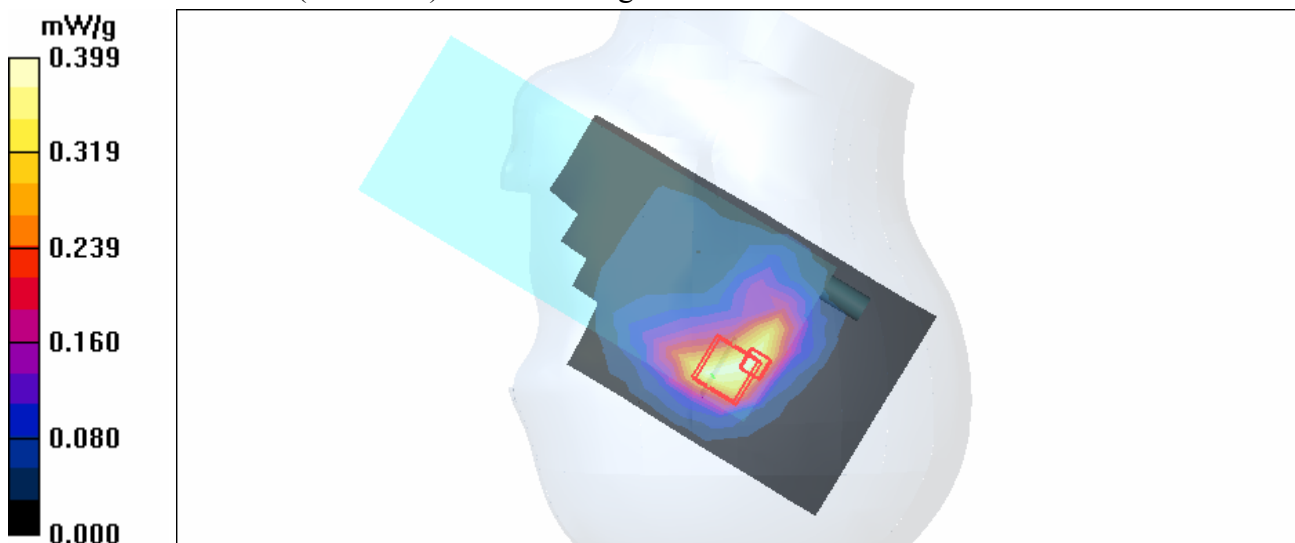
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.1 V/m

Peak SAR (extrapolated) = 0.948 W/kg

SAR(1 g) = 0.360 mW/g; SAR(10 g) = 0.190 mW/g

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



Date/Time: 2006/12/8 10:58:43

Test Laboratory: Advance Data Technology

Left Head-Tilt-11a-CH48-Mode 9

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 5240 MHz

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

Medium: HSL5200 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 4.8 \text{ mho/m}$; $\epsilon_r = 36.6$; $\rho = 1000 \text{ kg/m}^3$;

Liquid level: 155 mm

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

Antenna type : PIFA Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(5, 5, 5) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

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

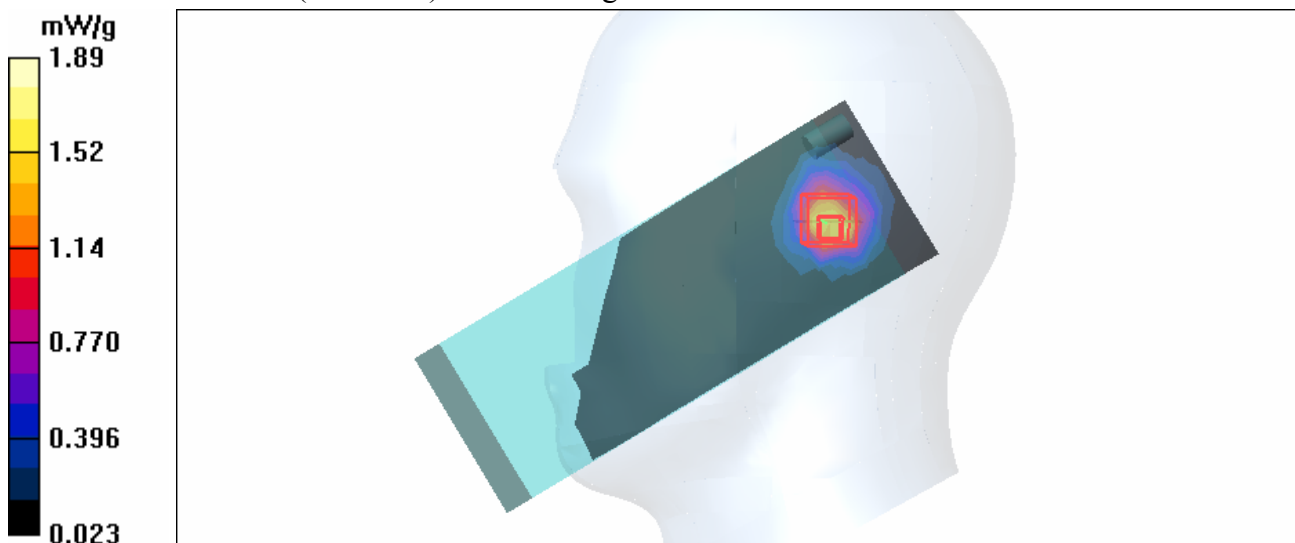
$dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 13.9 V/m

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.469 mW/g

Maximum value of SAR (measured) = 1.89 mW/g



Date/Time: 2006/12/8 15:11:39

Test Laboratory: Advance Data Technology

BodyWorn-11a-CH48-LCD UP-Mode 10

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 5240 MHz

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

Medium: MSL5200 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x25x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.620 mW/g

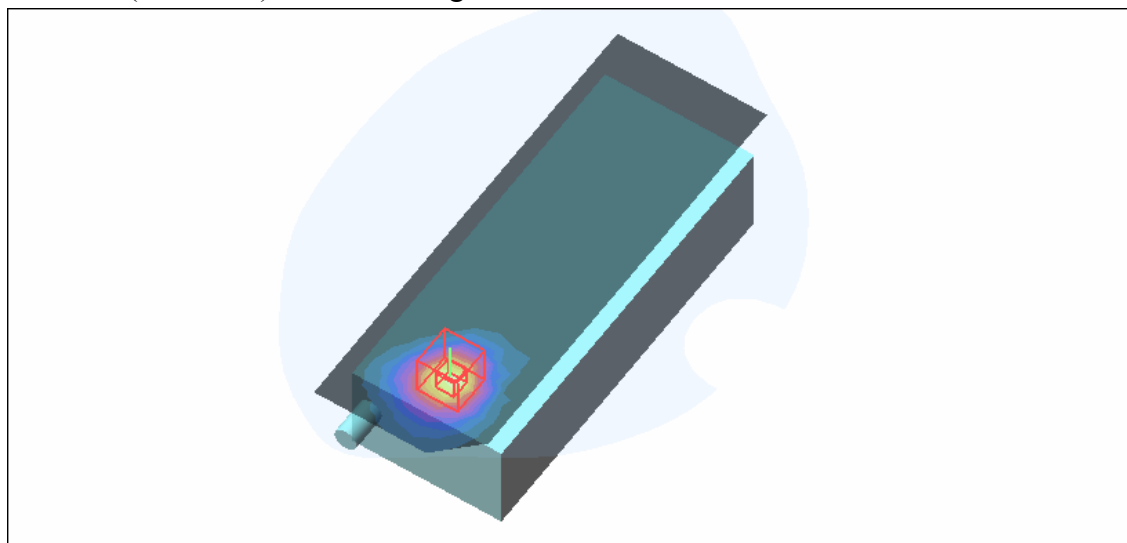
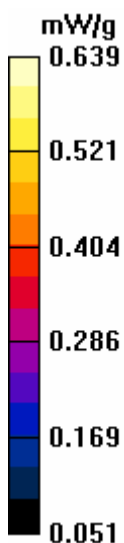
Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.74 V/m

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.639 mW/g



Date/Time: 2006/12/8 15:59:26

Test Laboratory: Advance Data Technology

BodyWorn-11a-CH48-LCD UP-Mode 11

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 5240 MHz

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

Medium: MSL5200 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 50.5$; $\rho = 1000$ kg/m³ ; Liquid Level : 155 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.608 mW/g

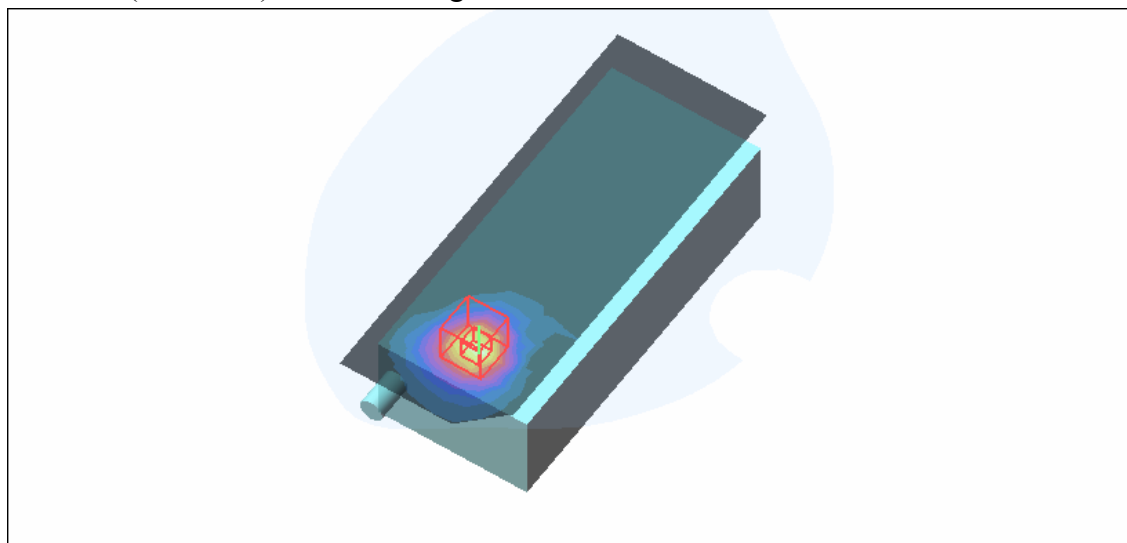
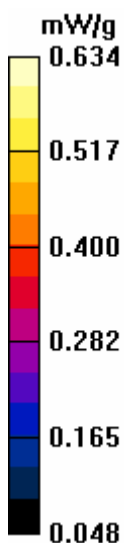
Mid Channel 48/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 3.04 V/m

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.421 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 0.634 mW/g



Date/Time: 2006/12/8 16:27:35

Test Laboratory: Advance Data Technology

BodyWorn-11a-CH48-Mode 12

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 5240 MHz

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

Medium: MSL5200 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 5.42 \text{ mho/m}$; $\epsilon_r = 50.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

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

Reference Value = 2.16 V/m

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.049 mW/g

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

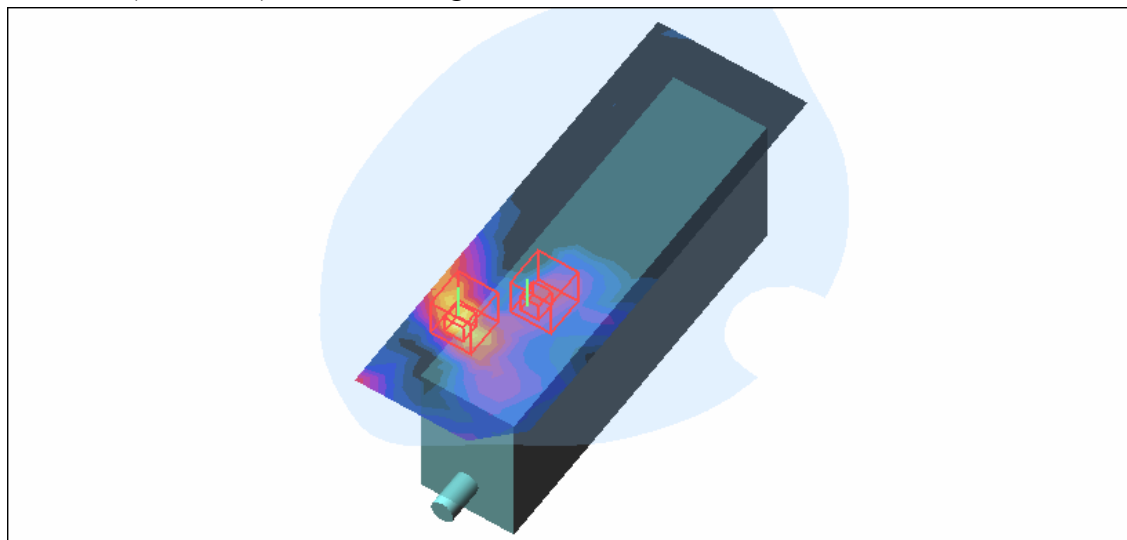
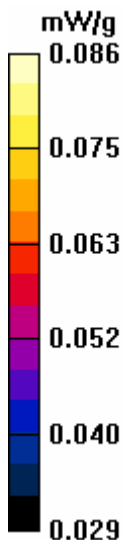
Mid Channel 48/Zoom Scan (8x8x8)/Cube 1: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 2.16 V/m

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.064 mW/g



Date/Time: 2006/12/8 17:08:51

Test Laboratory: Advance Data Technology

BodyWorn-11a-CH48-Mode 13

DUT: Enterprise Digital Assistant ; Type: MC7095 ; Test Frequency: 5240 MHz

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

Medium: MSL5200 Medium parameters used: $f = 5240 \text{ MHz}$; $\sigma = 5.42 \text{ mho/m}$; $\epsilon_r = 50.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 155 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 22.1 degrees ; Liquid Temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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 48/Area Scan (9x23x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.054 mW/g

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

Reference Value = 2.28 V/m

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.058 mW/g

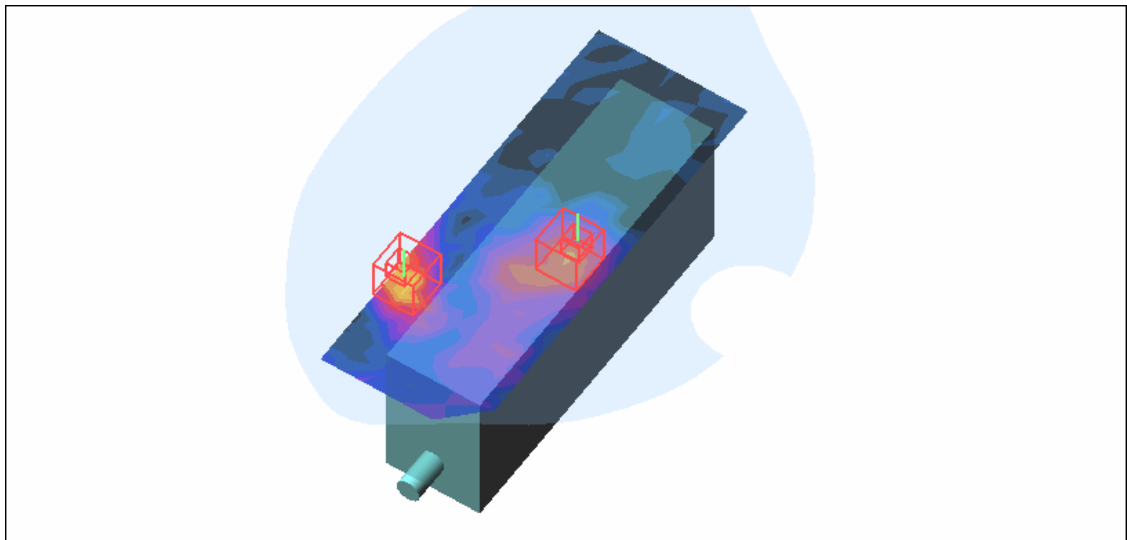
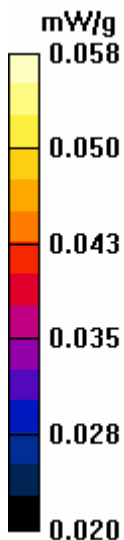
Mid Channel 48/Zoom Scan (8x8x8)/Cube 1: Measurement grid: $dx=4.3\text{mm}$, $dy=4.3\text{mm}$, $dz=3\text{mm}$

Reference Value = 2.28 V/m

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.034 mW/g

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



Date/Time: 2006/12/11 10:34:06

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 : 150 mm
 Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.5 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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) = 2.25 mW/g

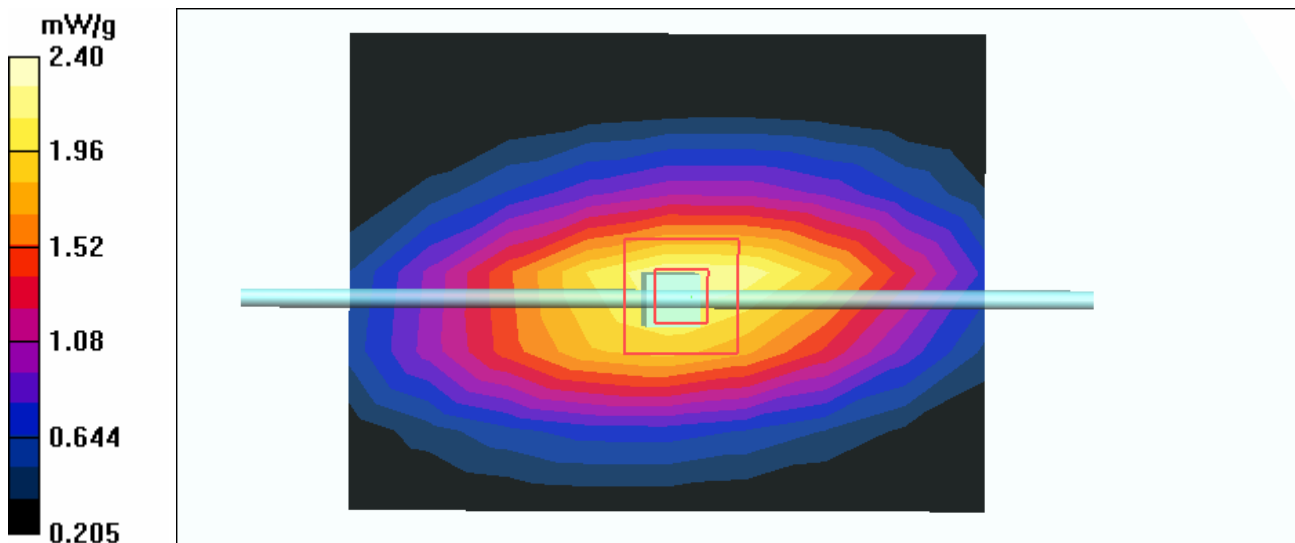
d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.3 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 2.22 mW/g; SAR(10 g) = 1.44 mW/g

Maximum value of SAR (measured) = 2.40 mW/g



Date/Time: 2006/12/11 14:43:18

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: $f = 1900 \text{ MHz}$; $\sigma = 1.4 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 151 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.6 degrees ; Liquid temp. : 21.4 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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) = 10.4 mW/g

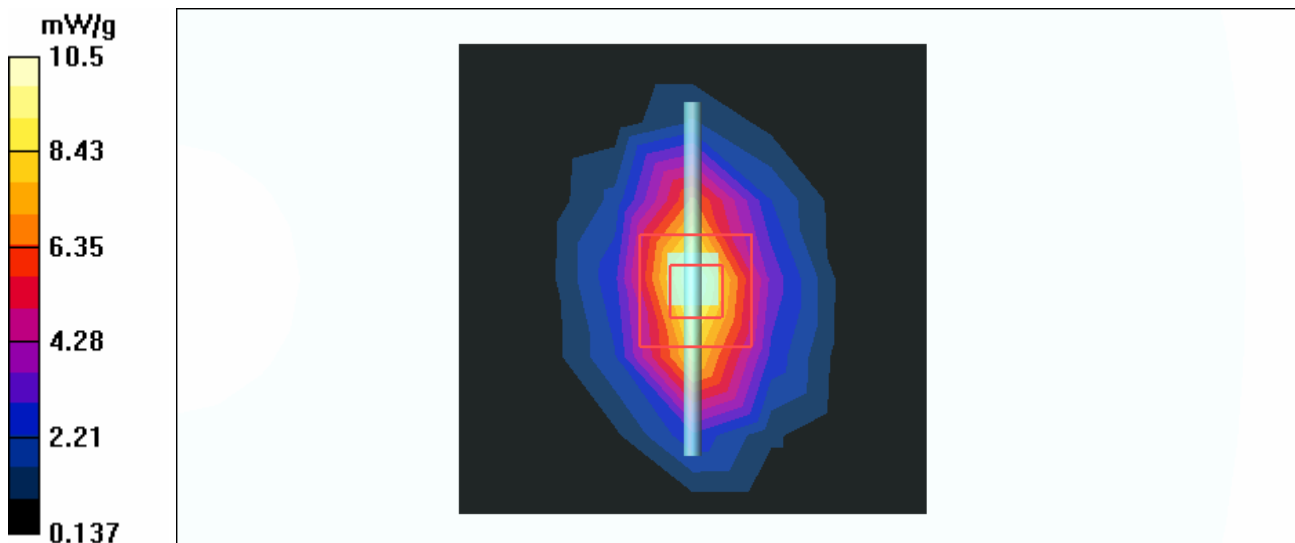
d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 92.1 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 9.27 mW/g; SAR(10 g) = 4.78 mW/g

Maximum value of SAR (measured) = 10.5 mW/g



Date/Time: 2006/12/11 16:02:53

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: $f = 1900 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 53.5$; $\rho = 1000 \text{ kg/m}^3$; Liquid level : 150 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.4 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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

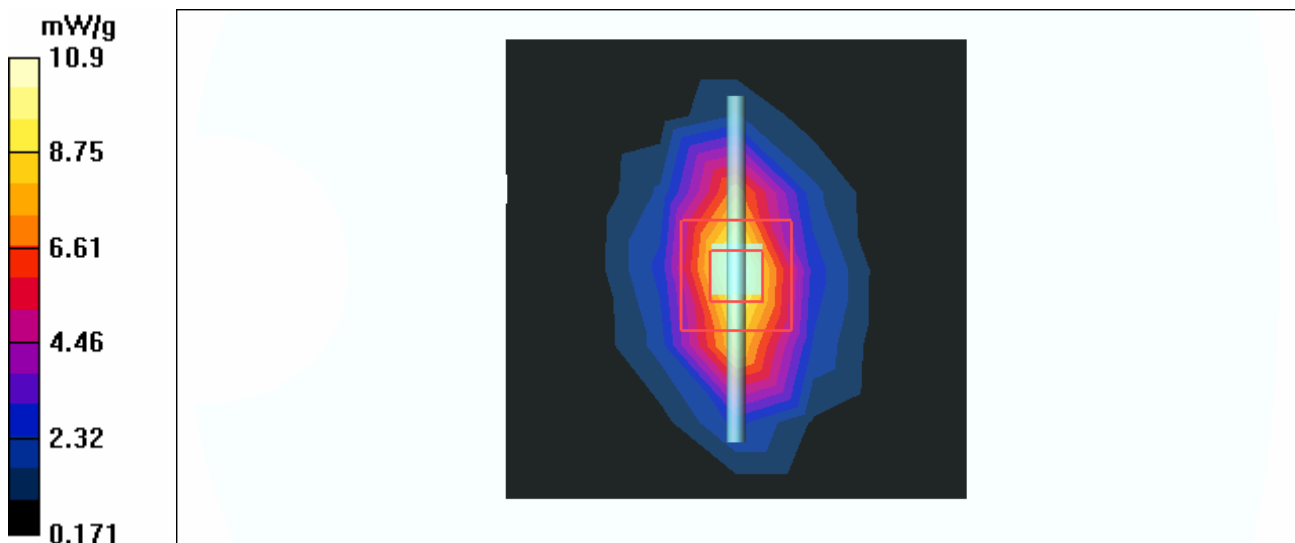
d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 10.9 mW/g

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 = 89.0 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.63 mW/g; SAR(10 g) = 5.03 mW/g



Date/Time: 2006/12/11 12:06:37

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: $f = 2450 \text{ MHz}$; $\sigma = 1.82 \text{ mho/m}$; $\epsilon_r = 39.7$; $\rho = 1000 \text{ kg/m}^3$;
 Liquid level : 152 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.3 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 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) = 15.3 mW/g

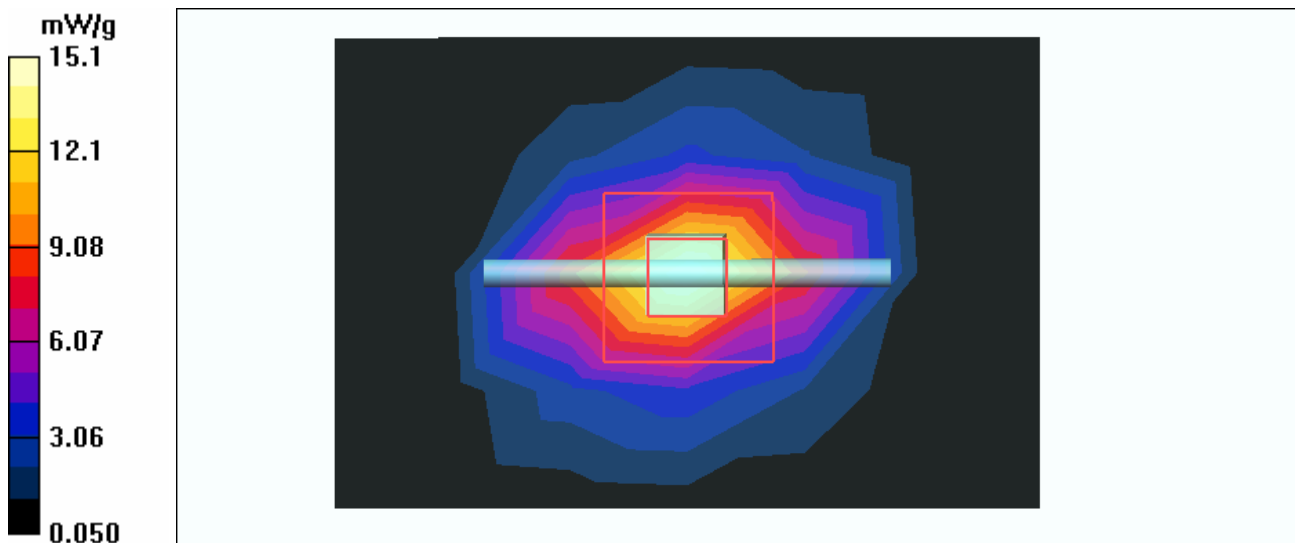
d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 95.9 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 31.3 W/kg

SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.13 mW/g

Maximum value of SAR (measured) = 15.1 mW/g



Date/Time: 2006/12/8 10:20:51

Test Laboratory: Advance Data Technology

System Validation Check-HSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1018 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: HSL5200; Medium parameters used: $f = 5200$ MHz; $\sigma = 4.76$ mho/m; $\epsilon_r = 36.7$; $\rho = 1000$ kg/m³ ;
 Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)
 Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(5, 5, 5) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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

f=5200, d=10mm, Pin=250mW/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 22.7 mW/g

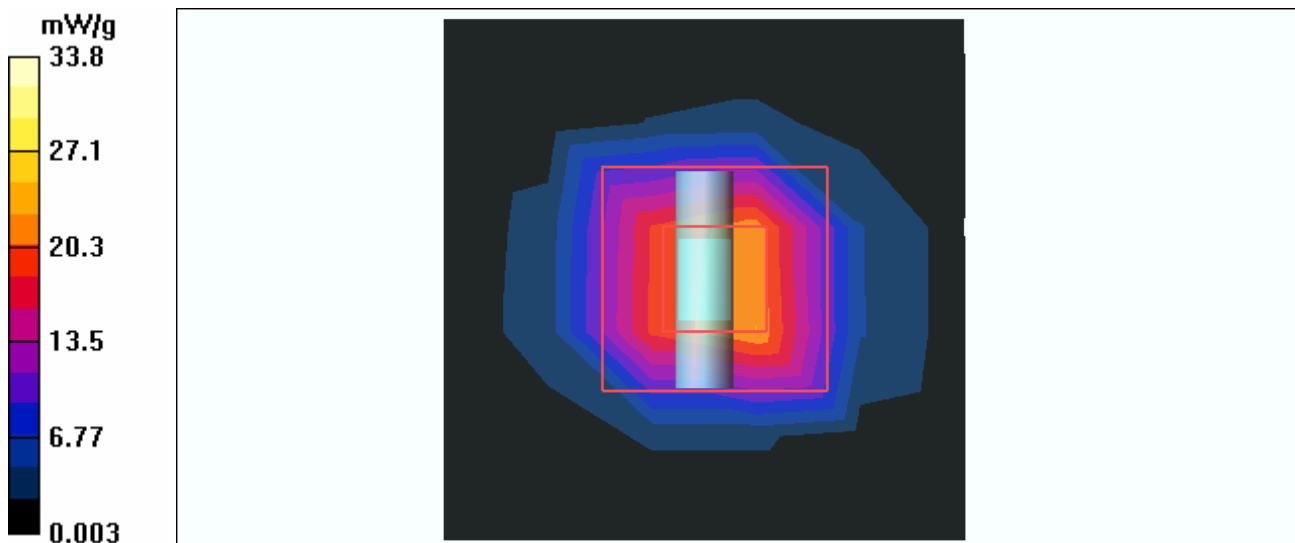
f=5200, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 77.5 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 80.3 W/kg

SAR(1 g) = 20.5 mW/g; SAR(10 g) = 5.76 mW/g

Maximum value of SAR (measured) = 33.8 mW/g



Date/Time: 2006/12/8 14:13:56

Test Laboratory: Advance Data Technology

System Validation Check-MSL 5GHz

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1018 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
 Medium: MSL5200; Medium parameters used: $f = 5200$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 50.6$; $\rho = 1000$ kg/m³ ; Liquid level : 155 mm
 Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 22.1 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: EX3DV3 - SN3504 ; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2006/11/23
- Sensor-Surface: 2.5mm (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

f=5200, d=10mm, Pin=250mW/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 24.4 mW/g

f=5200, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 82.4 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 76.1 W/kg

SAR(1 g) = 19.5 mW/g; SAR(10 g) = 5.4 mW/g

Maximum value of SAR (measured) = 32.8 mW/g

