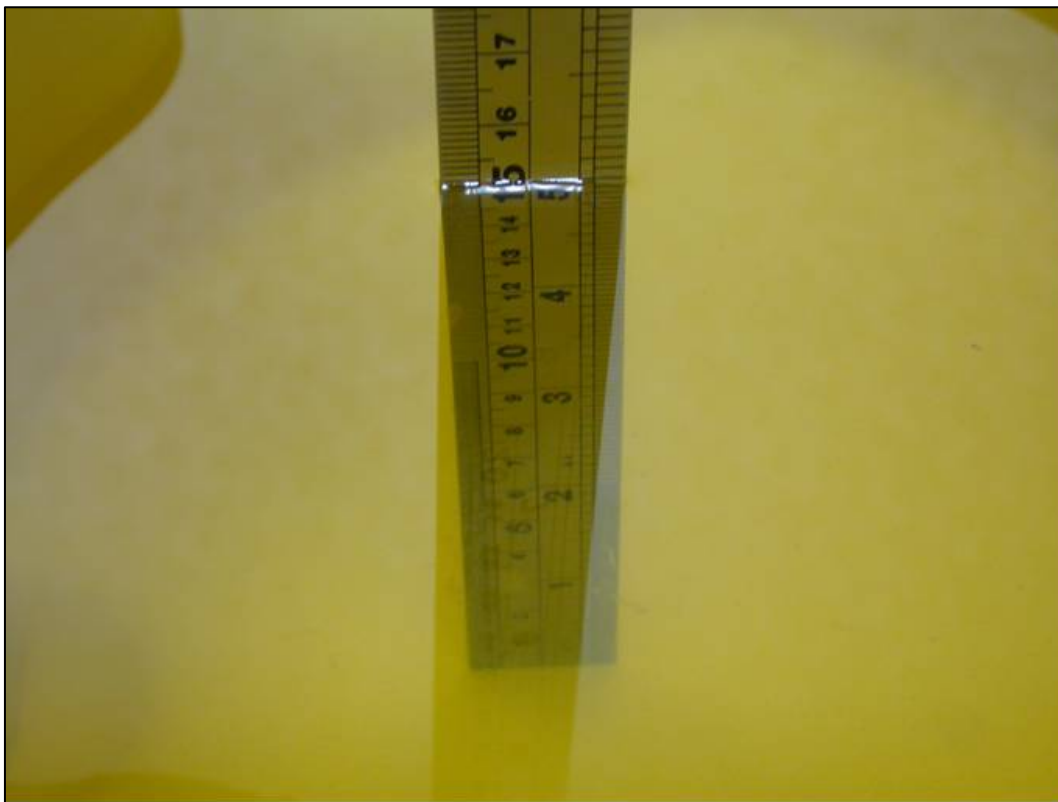


APPENDIX A: TEST DATA

Liquid Level Photo

Tissue MSL835MHz D=152mm



Tissue MSL1900MHz D=150mm



Tissue MSL2450MHz D=151mm



Date/Time: 2007/2/7 14:56:42

Test Laboratory: Advance Data Technology

Body-GPRS850-Ch128-Keypad Up-Mode 1

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 824.2 MHz

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

Medium: MSL835 Medium parameters used: $f = 824.2 \text{ MHz}$; $\sigma = 0.99 \text{ mho/m}$; $\epsilon_r = 56.4$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 128/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.605 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 = 15.1 V/m

Peak SAR (extrapolated) = 0.855 W/kg

SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.375 mW/g

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

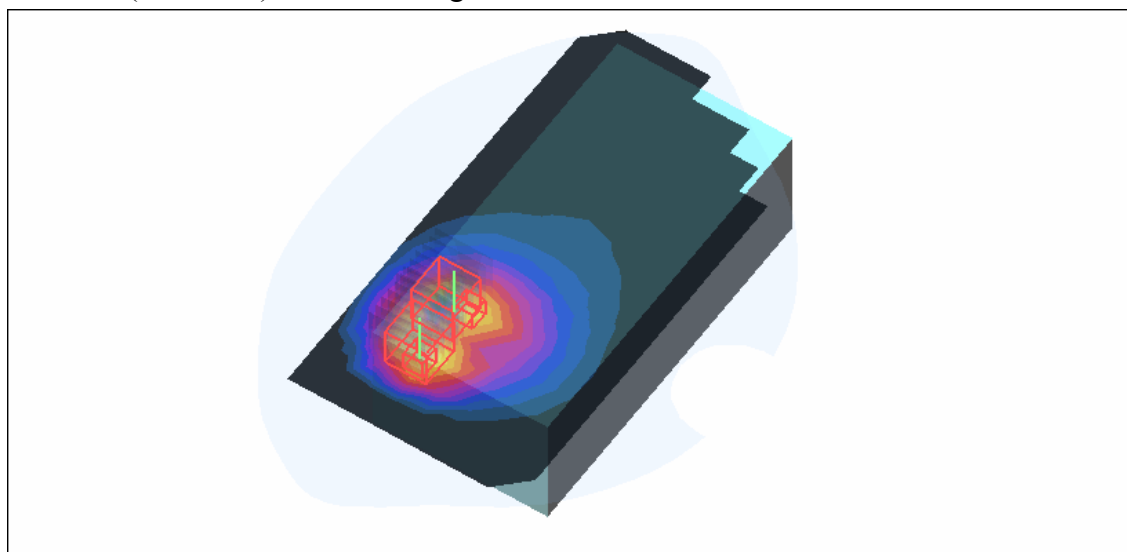
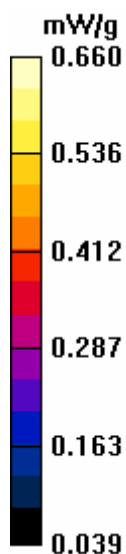
Low Channel 128/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.1 V/m

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.290 mW/g

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



Test Laboratory: Advance Data Technology

Body-GPRS850-Ch190-Keypad Up-Mode 1

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 836.6 MHz

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

Medium: MSL835 Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 190/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.629 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 = 16.2 V/m

Peak SAR (extrapolated) = 0.887 W/kg

SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.683 mW/g

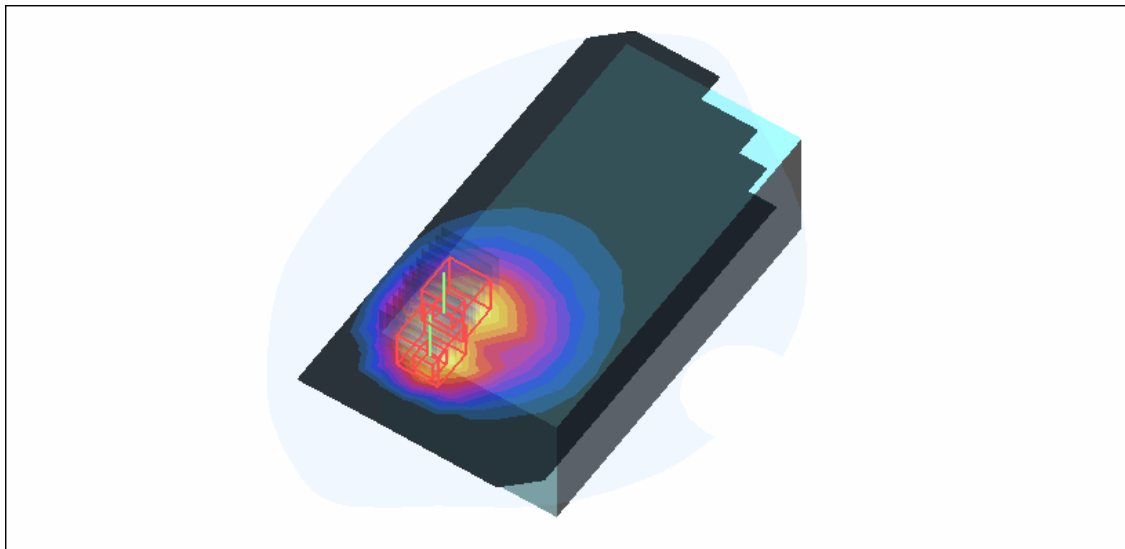
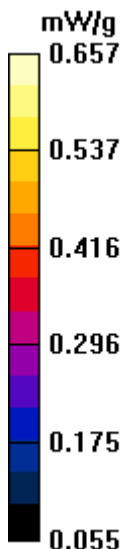
Mid Channel 190/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.2 V/m

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.602 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.657 mW/g



Date/Time: 2007/2/7 16:13:19

Test Laboratory: Advance Data Technology

Body-GPRS850-Ch251-Keypad Up-Mode 1

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 251/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 15.7 V/m

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.664 mW/g

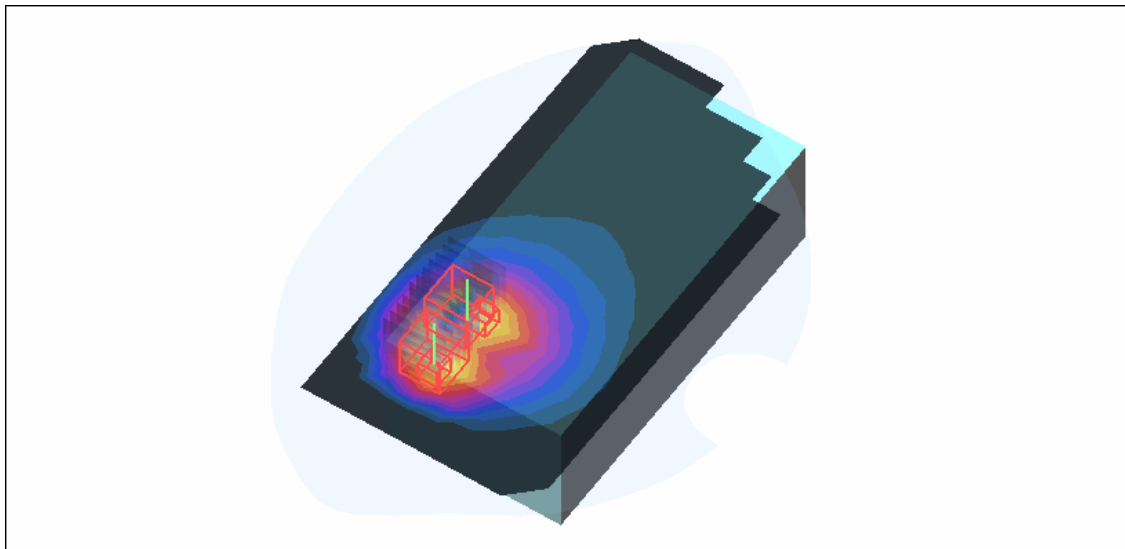
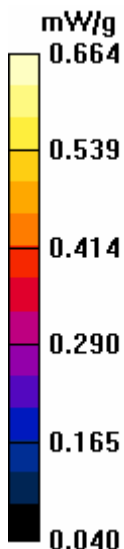
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

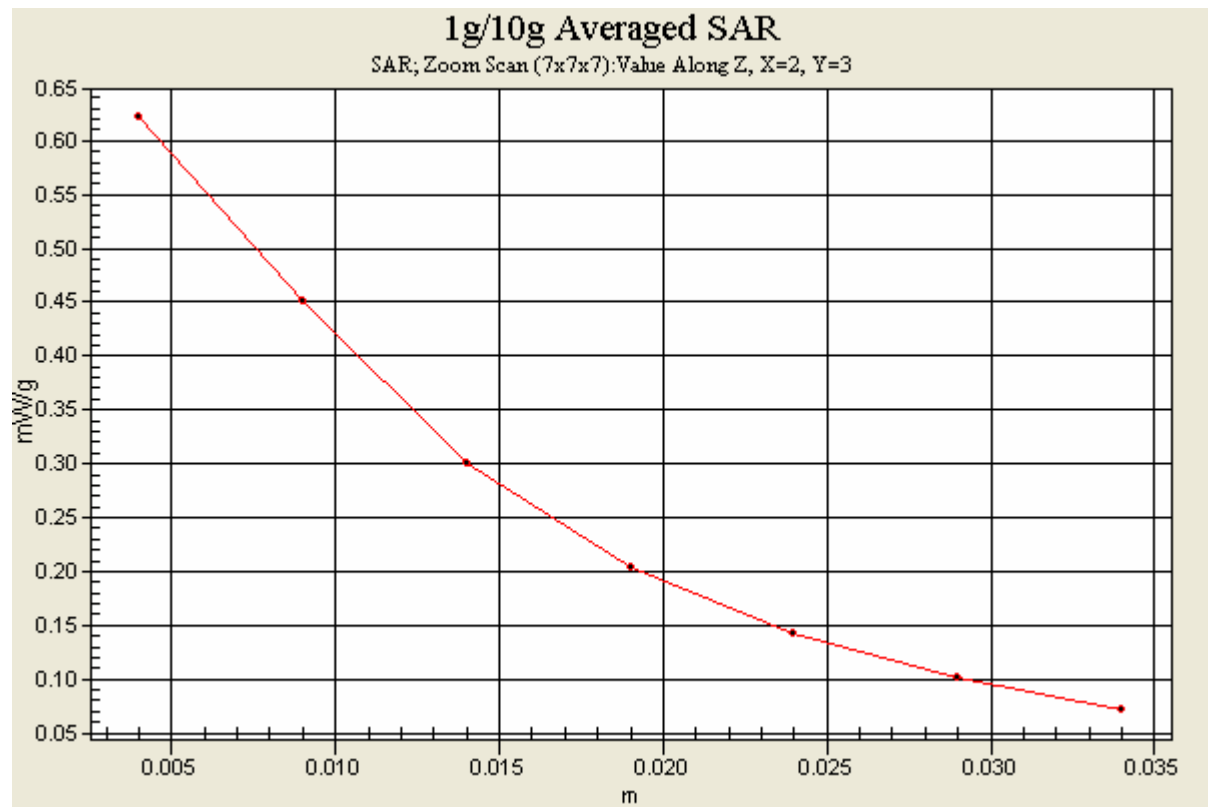
Reference Value = 15.7 V/m

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.621 mW/g





Date/Time: 2007/2/7 17:14:59

Test Laboratory: Advance Data Technology

Body-GPRS850-Ch251-Keypad Down-Mode 2

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 251/Area Scan (7x16x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.102 mW/g

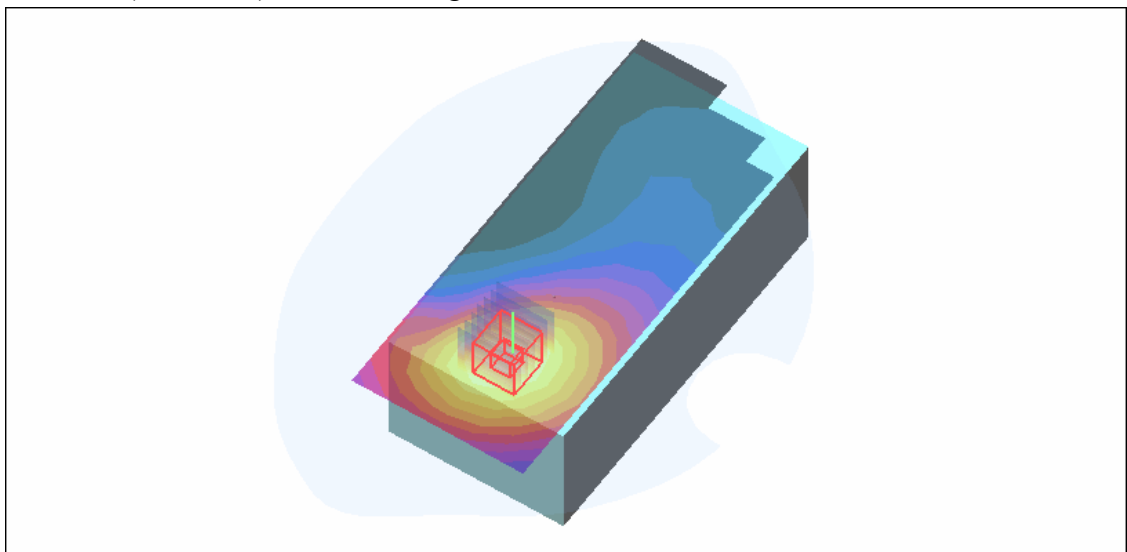
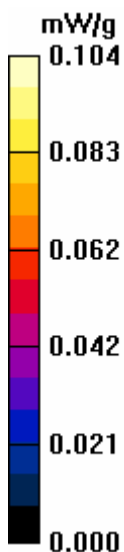
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.03 V/m

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.073 mW/g

Maximum value of SAR (measured) = 0.104 mW/g



Date/Time: 2007/2/7 17:42:57

Test Laboratory: Advance Data Technology

Body-GSM850-Ch251-Keypad Up-Mode 3

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 251/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

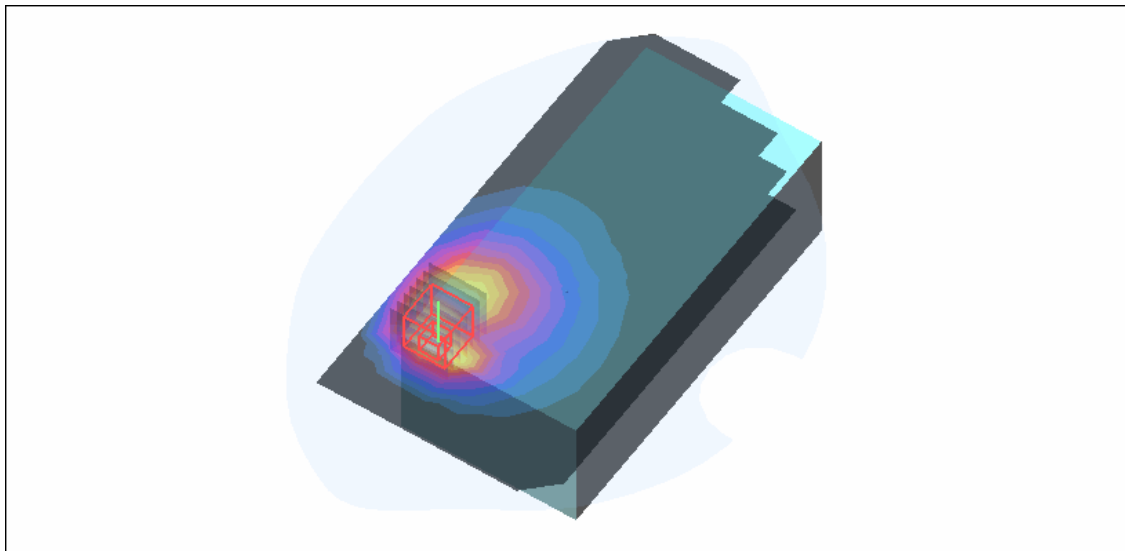
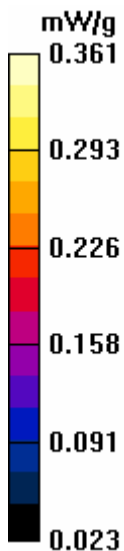
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.9 V/m

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.211 mW/g

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



Test Laboratory: Advance Data Technology

Body-GPRS850-Ch251-Keypad Up-Mode 4

DUT: Portable Data Terminal ; Type: SC620 ; Test Frequency: 848.8 MHz

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

Medium: MSL835 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.1$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 251/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.654 mW/g

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

Reference Value = 15.1 V/m

Peak SAR (extrapolated) = 0.822 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.408 mW/g

Maximum value of SAR (measured) = 0.610 mW/g

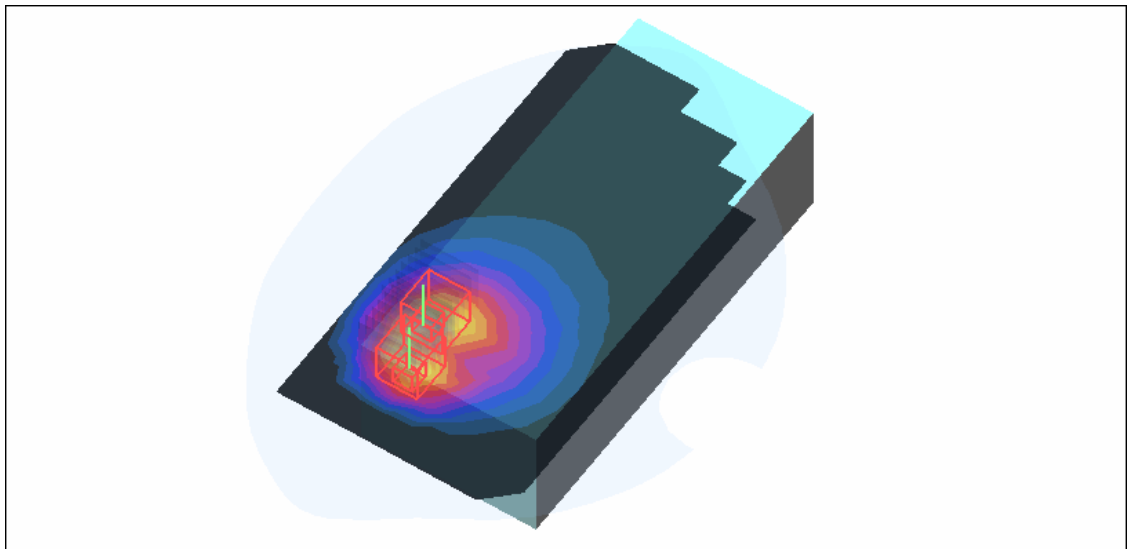
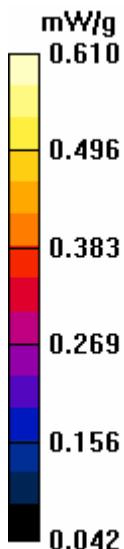
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.1 V/m

Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.626 mW/g; SAR(10 g) = 0.422 mW/g

Maximum value of SAR (measured) = 0.583 mW/g



Date/Time: 2007/2/8 15:54:26

Test Laboratory: Advance Data Technology

Body-GPRS1900-Ch512-Keypad Up-Mode 5

DUT: Portable Data Terminal ; Type: SC600 ; 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; $\sigma = 1.48$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³ ; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.6 degrees ; Liquid Temp. : 22.5 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 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 512/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.188 mW/g

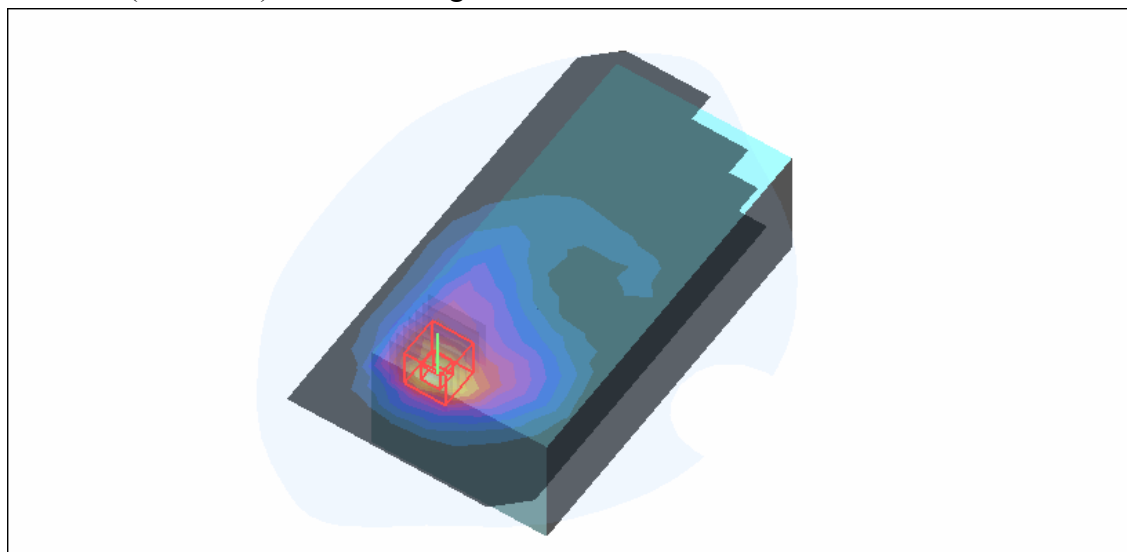
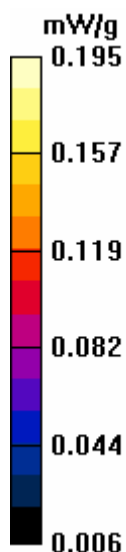
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.68 V/m

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.104 mW/g

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



Date/Time: 2007/2/8 16:19:14

Test Laboratory: Advance Data Technology

Body-GPRS1900-Ch661-Keypad Up-Mode 5

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 1880 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³ ; Liquid Level : 150 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 23.6 degrees ; Liquid Temp. : 22.5 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 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 661/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.188 mW/g

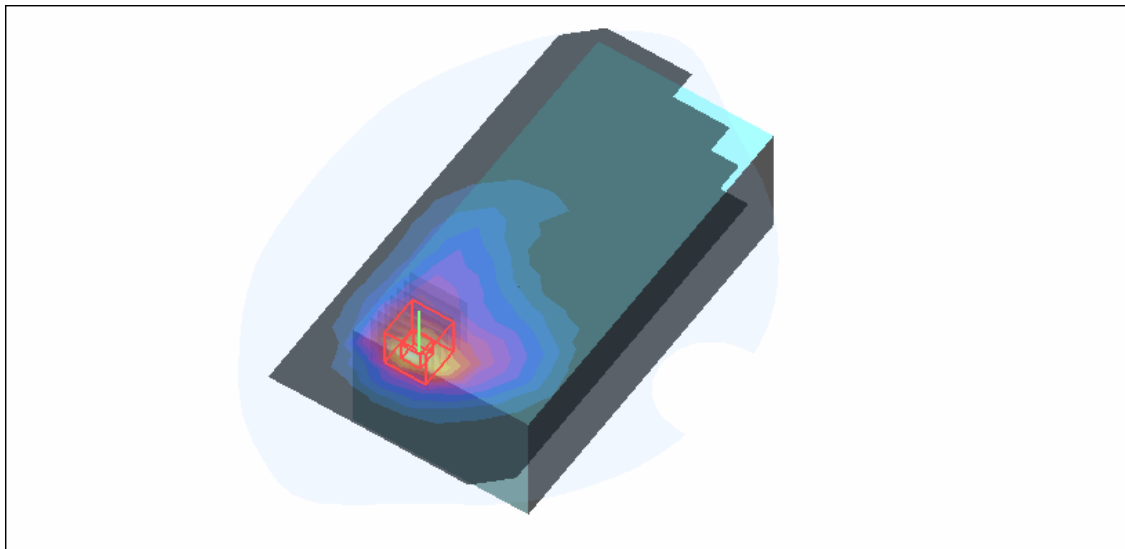
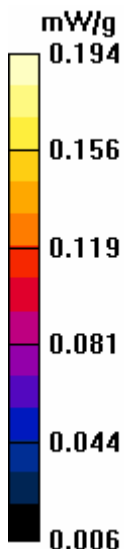
Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.60 V/m

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.102 mW/g

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



Date/Time: 2007/2/8 16:43:56

Test Laboratory: Advance Data Technology

Body-GPRS1900-Ch810-Keypad Up-Mode 5

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 1909.8 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.6 degrees ; Liquid Temp. : 22.5 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 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 810/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.222 mW/g

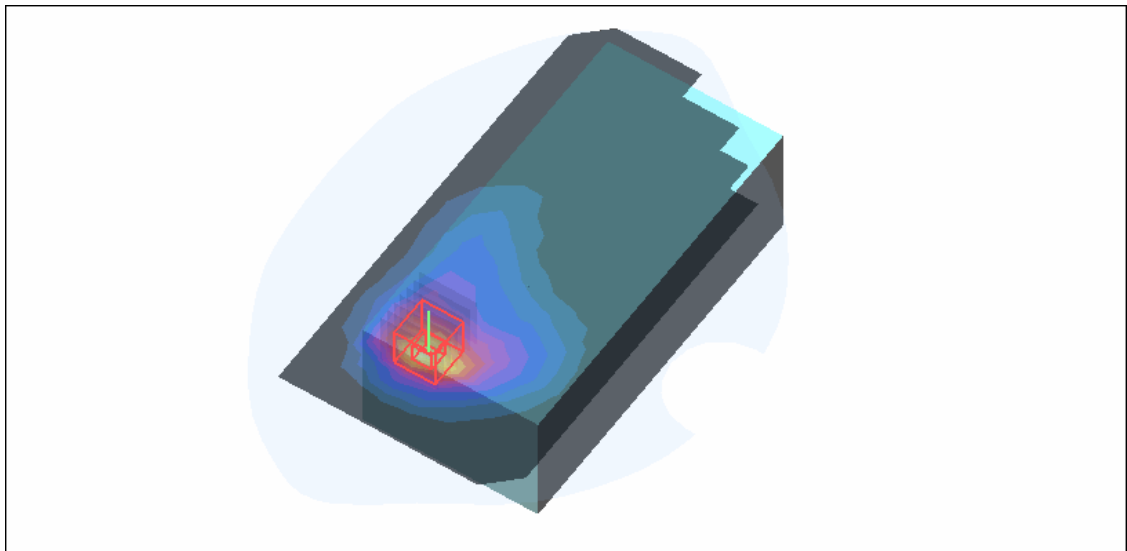
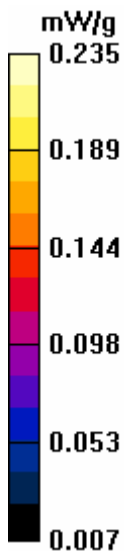
High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

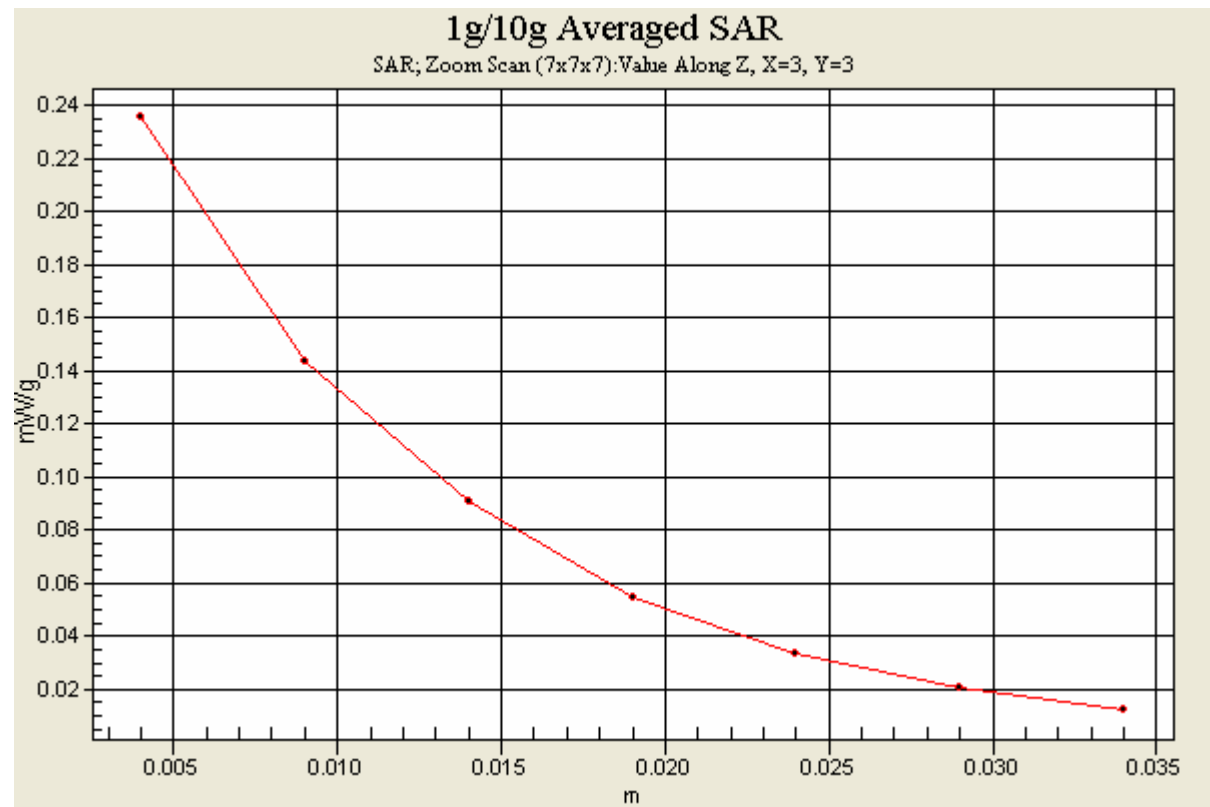
Reference Value = 4.92 V/m

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.235 mW/g





Date/Time: 2007/2/8 17:10:24

Test Laboratory: Advance Data Technology

Body-GPRS1900-Ch810-Keypad Down-Mode 6

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 1909.8 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The bottom side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.6 degrees ; Liquid Temp. : 22.5 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 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 810/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.025 mW/g

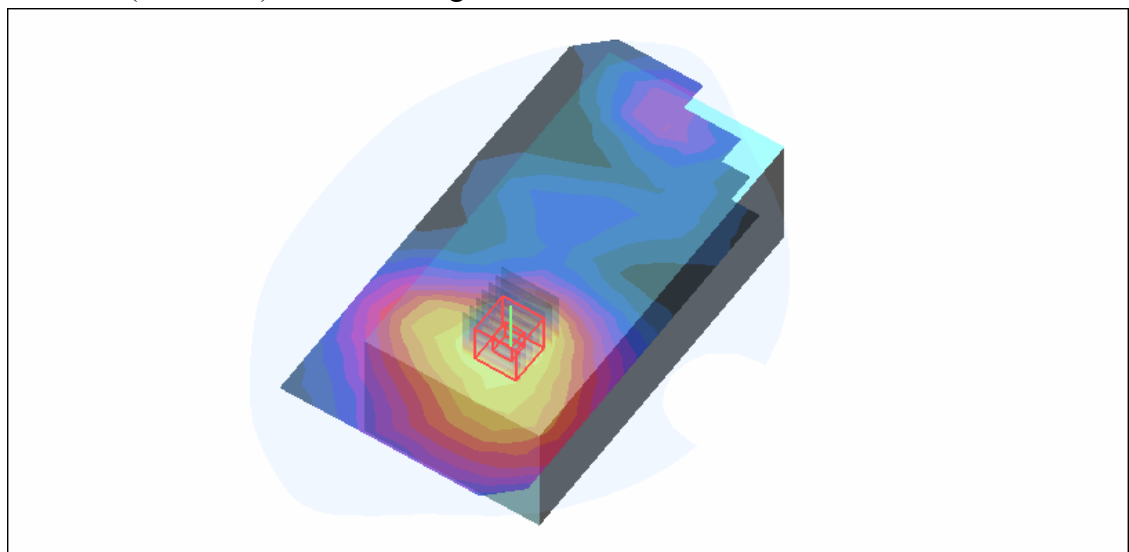
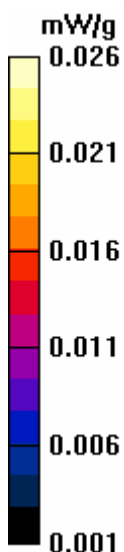
High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.12 V/m

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.024 mW/g ; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.026 mW/g



Date/Time: 2007/2/8 17:42:06

Test Laboratory: Advance Data Technology

Body-PCS1900-Ch810-Keypad Up-Mode 7

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 1909.8 MHz

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

Medium: MSL1900 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150 mm

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

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

Antenna Type : PIFA Antenna ; Air Temp. : 23.6 degrees ; Liquid Temp. : 22.5 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 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 810/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.117 mW/g

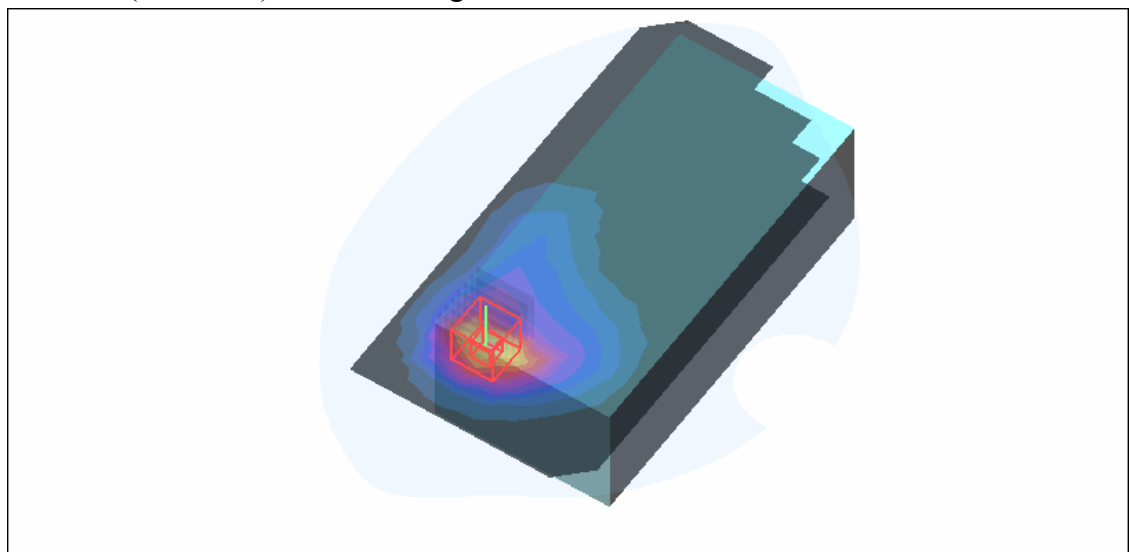
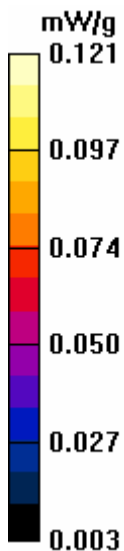
High Channel 810/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.90 V/m

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.121 mW/g



Date/Time: 2007/2/9 13:05:48

Test Laboratory: Advance Data Technology

Body-11b-Ch1-Keypad Up-Mode 8

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.009 mW/g

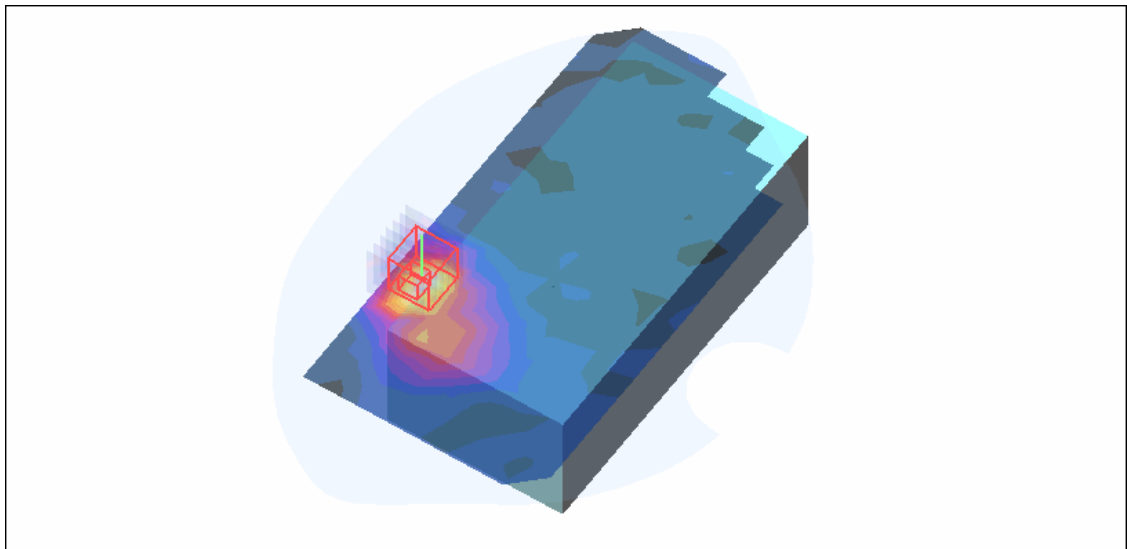
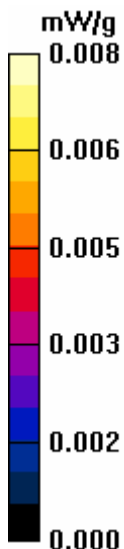
Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.837 V/m

Peak SAR (extrapolated) = 0.038 W/kg

SAR(1 g) = 0.00853 mW/g; SAR(10 g) = 0.00335 mW/g

Maximum value of SAR (measured) = 0.008 mW/g



Date/Time: 2007/2/9 13:36:30

Test Laboratory: Advance Data Technology

Body-11b-Ch6-Keypad Up-Mode 8

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2437 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.97$ mho/m; $\epsilon_r = 51.3$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 6/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.008 mW/g

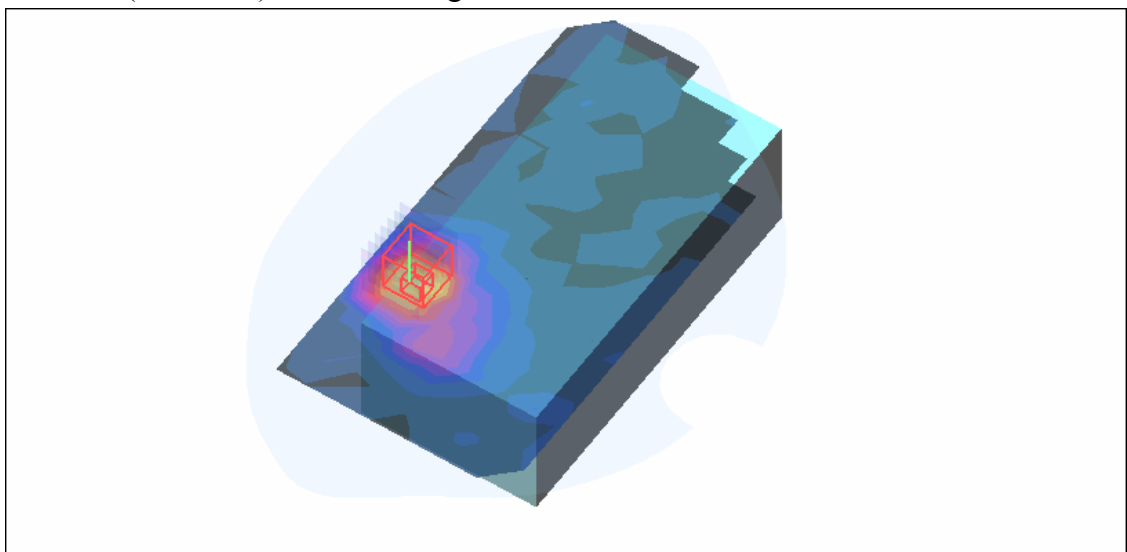
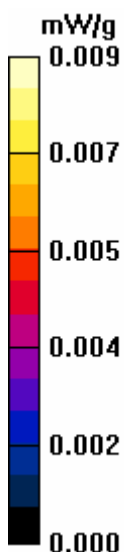
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.710 V/m

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00428 mW/g

Maximum value of SAR (measured) = 0.009 mW/g



Date/Time: 2007/2/9 14:06:32

Test Laboratory: Advance Data Technology

Body-11b-Ch11-Keypad Up-Mode 8

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1

Medium: MSL2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 mm

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

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 11/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.004 mW/g

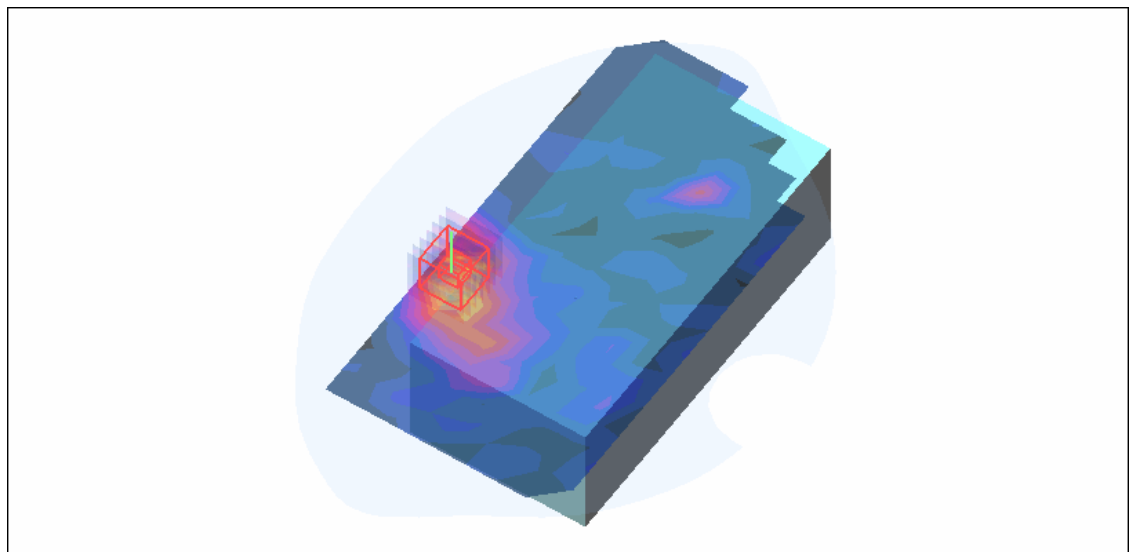
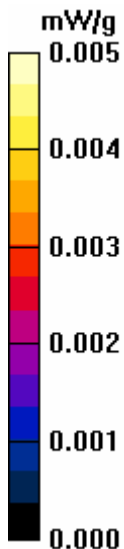
High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.483 V/m

Peak SAR (extrapolated) = 0.027 W/kg

SAR(1 g) = 0.005 mW/g; SAR(10 g) = 0.00131 mW/g

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



Test Laboratory: Advance Data Technology

Body-11b-Ch6-Keypad Down-Mode 9

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2437 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 151 mm

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

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

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 6/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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 = 0.683 V/m

Peak SAR (extrapolated) = 0.004 W/kg

SAR(1 g) = 0.000135 mW/g; SAR(10 g) = 2.93e-005 mW/g

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

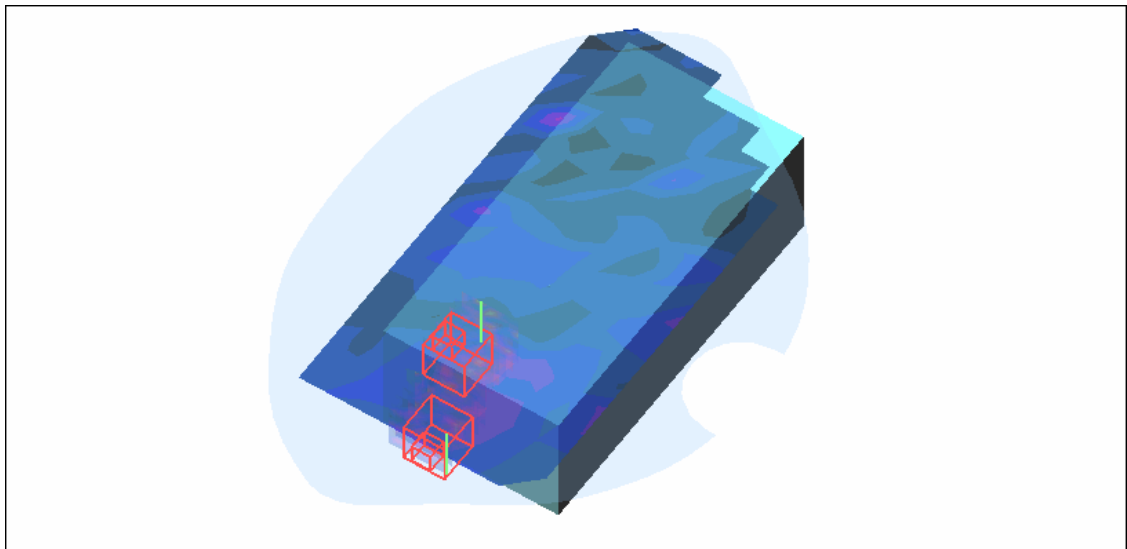
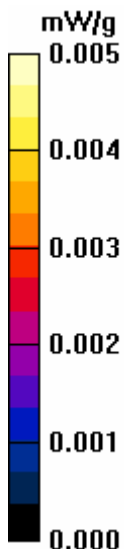
Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.683 V/m

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 0.000848 mW/g; SAR(10 g) = 0.000263 mW/g

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



Date/Time: 2007/2/9 15:45:03

Test Laboratory: Advance Data Technology

Body-BT-Ch0-Keypad Up-Mode 10

DUT: Portable Data Terminal ; Type: SC600 ; 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; $\epsilon_r = 51.4$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 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. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23

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

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

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

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

Low Channel 0/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

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

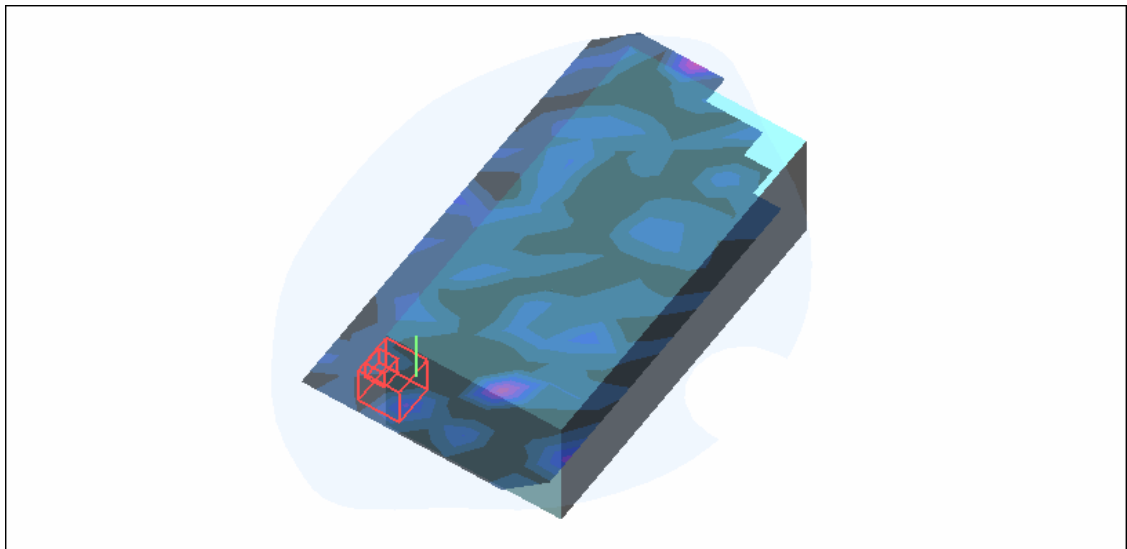
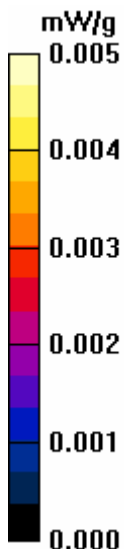
Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.367 V/m

Peak SAR (extrapolated) = 0.003 W/kg

SAR(1 g) = 1.48e-005 mW/g; SAR(10 g) = 2.4e-006 mW/g

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



Date/Time: 2007/2/9 16:09:41

Test Laboratory: Advance Data Technology

Body-BT-Ch39-Keypad Up-Mode 10

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2441 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 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. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 39/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

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

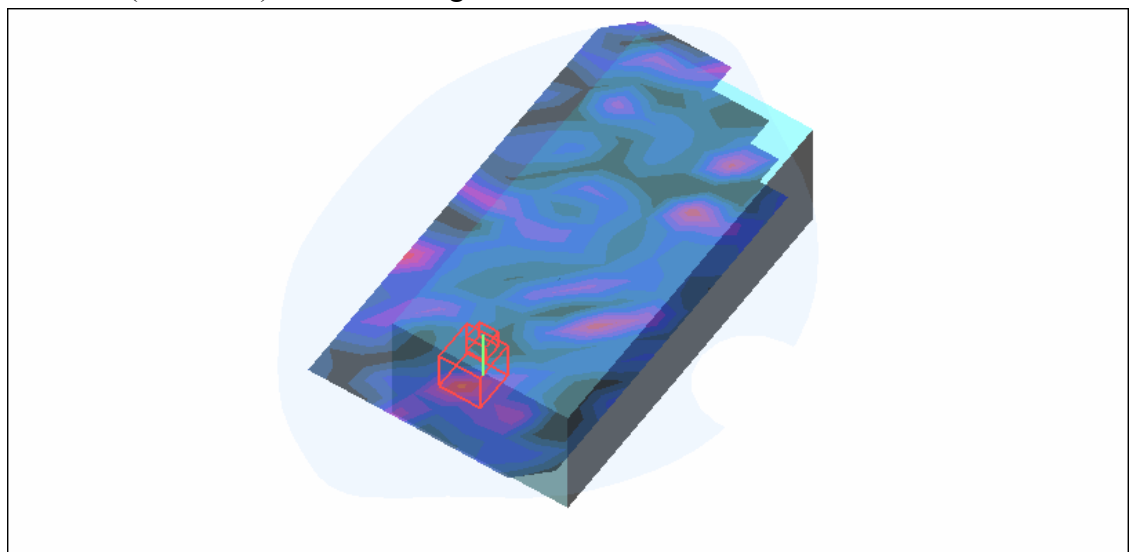
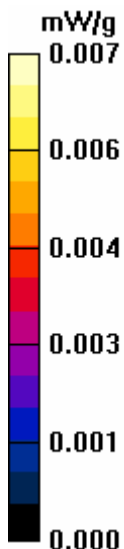
Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.150 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000104 mW/g; SAR(10 g) = 1.13e-005 mW/g

Maximum value of SAR (measured) = 0.007 mW/g



Date/Time: 2007/2/9 16:34:24

Test Laboratory: Advance Data Technology

Body-BT-Ch39-Keypad Up-Mode 10

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2480 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.02$ mho/m; $\epsilon_r = 51.1$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 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. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 78/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

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

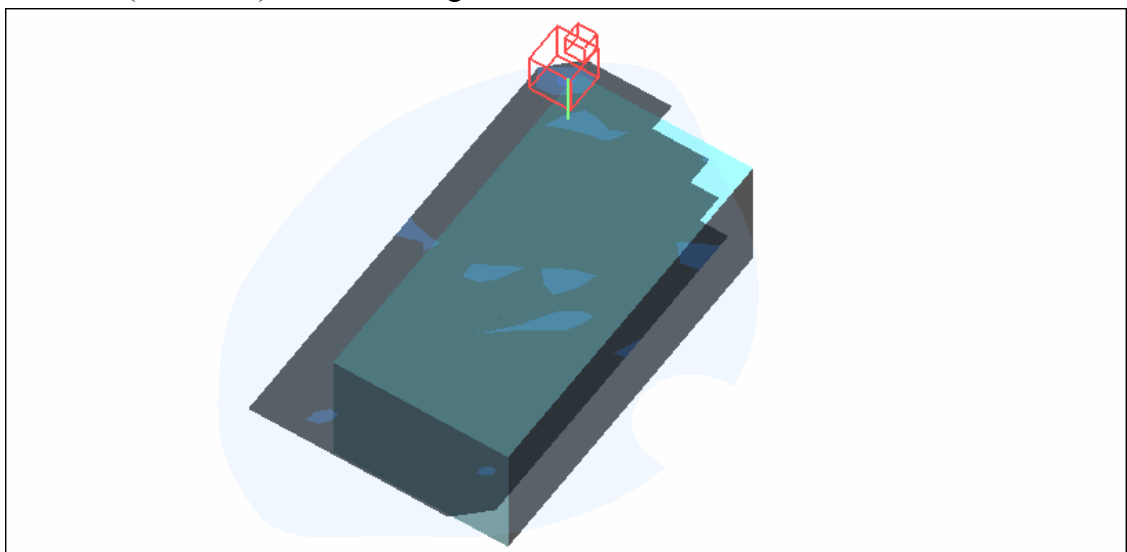
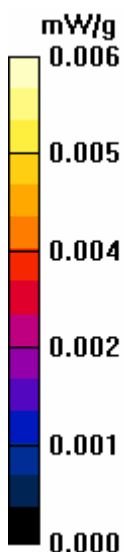
High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.284 V/m

Peak SAR (extrapolated) = 0.006 W/kg

SAR(1 g) = 4.53e-005 mW/g; SAR(10 g) = 7.72e-006 mW/g

Maximum value of SAR (measured) = 0.006 mW/g



Date/Time: 2007/2/9 17:00:12

Test Laboratory: Advance Data Technology

Body-BT-Ch39-Keypad Down-Mode 11

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 2441 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³ ; Liquid Level : 151 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. : 23.8 degrees ; Liquid Temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23

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

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

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

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

Mid Channel 39/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

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

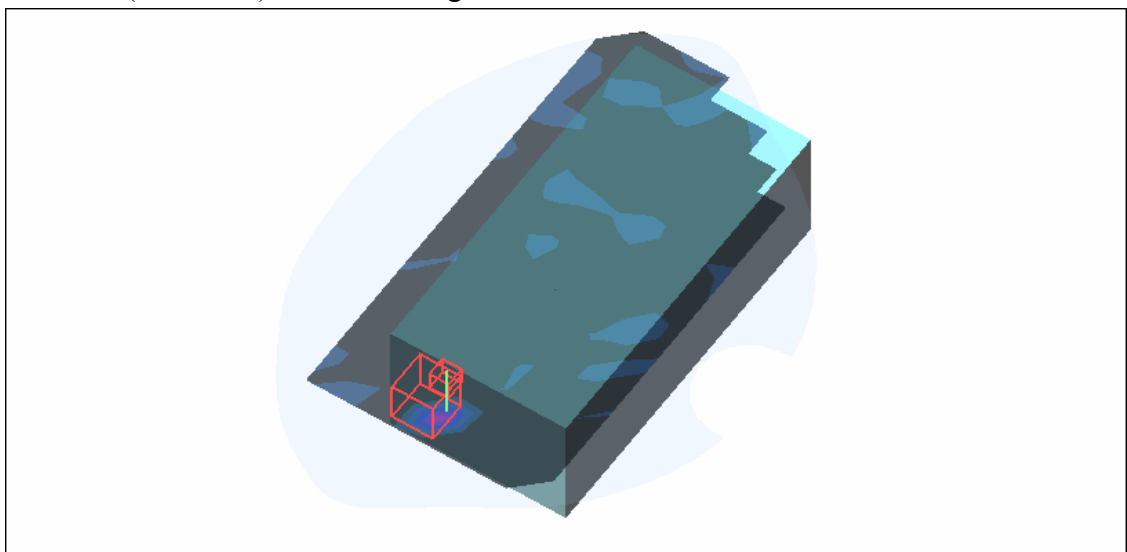
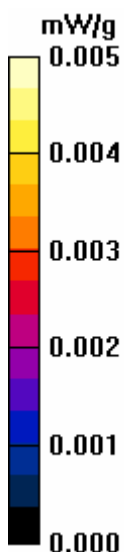
Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.370 V/m

Peak SAR (extrapolated) = 0.005 W/kg

SAR(1 g) = 7.3e-005 mW/g; SAR(10 g) = 2.23e-005 mW/g

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



Date/Time: 2007/2/7 16:13:19

Test Laboratory: Advance Data Technology

Co-located-Body-/GPRS850-Ch251+11b-Ch6+BT-Ch39/-Mode 12

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 848.8 MHzFrequency: 2437 MHzFrequency: 2441 MHz

Communication System: PCS 850Communication System: 802.11bCommunication System: Bluetooth ; Frequency: 848.8 MHzFrequency: 2437 MHzFrequency: 2441 MHz ; Duty Cycle: 1:4Duty Cycle: 1:1 Medium: MSL835Medium: MSL2450 Medium parameters used: $f = 848.8 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 56.1$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 152 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.2 degrees ; Liquid Temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 251/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

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

Reference Value = 15.7 V/m

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.664 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 = 15.7 V/m

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.621 mW/g

Mid Channel 6/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.008 mW/g

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 = 0.710 V/m

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = **0.010 mW/g**; SAR(10 g) = **0.00428 mW/g**

Maximum value of SAR (measured) = 0.009 mW/g

Mid Channel 39/Area Scan (9x17x1): Measurement grid: dx=15mm, dy=15mm

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

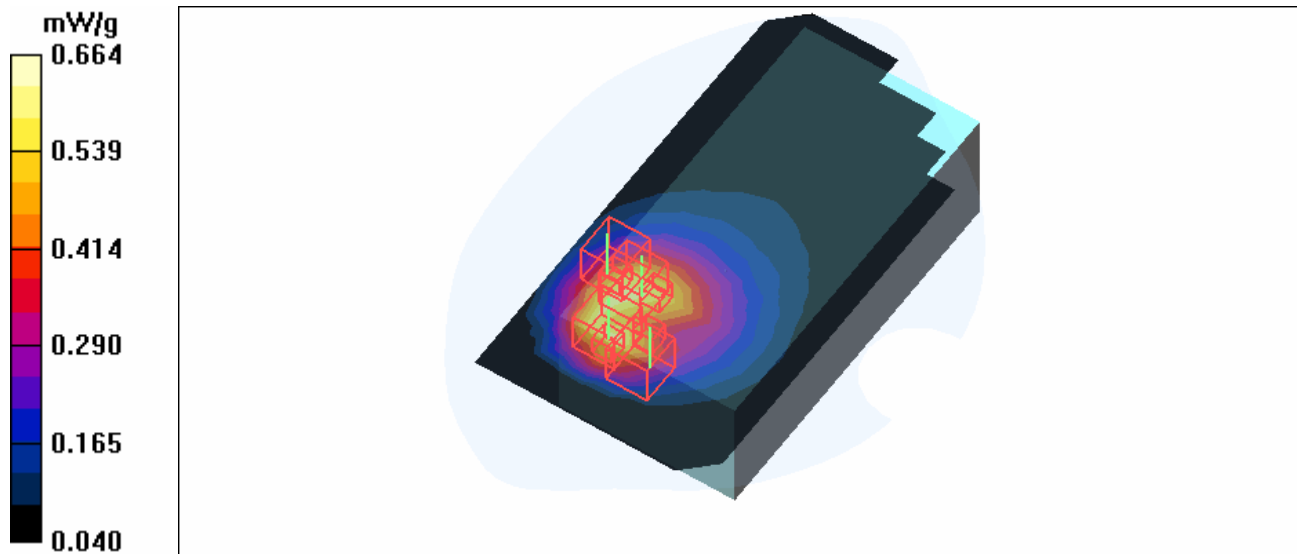
Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.150 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = **0.000104 mW/g**; SAR(10 g) = **1.13e-005 mW/g**

Maximum value of SAR (measured) = 0.007 mW/g



Date/Time: 2007/2/8 16:43:56

Test Laboratory: Advance Data Technology

Co-located-Body-/GPRS1900-Ch810+11b-Ch6+BT-Ch39/-Mode 13

DUT: Portable Data Terminal ; Type: SC600 ; Test Frequency: 1909.8 MHzFrequency: 2437 MHzFrequency: 2441 MHz

Communication System: PCS 1900Communication System: 802.11bCommunication System: Bluetooth ;
Frequency: 1909.8 MHzFrequency: 2437 MHzFrequency: 2441 MHz ; Duty Cycle: 1:4Duty Cycle: 1:1
Medium: MSL1900Medium: MSL2450 Medium parameters used: $f = 1909.8 \text{ MHz}$; $\sigma = 1.55 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.97 \text{ mho/m}$; $\epsilon_r = 51.3$; $\rho = 1000 \text{ kg/m}^3$ Medium parameters used: $f = 2441 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.2$; $\rho = 1000 \text{ kg/m}^3$; Liquid Level : 150 mm

Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 0 mm (The front side of the EUT to the Phantom)

Antenna Type : PIFA Antenna ; Air Temp. : 23.6 degrees ; Liquid Temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 810/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.222 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 = 4.92 V/m

Peak SAR (extrapolated) = 0.357 W/kg

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.120 mW/g

Maximum value of SAR (measured) = 0.235 mW/g

Mid Channel 6/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.008 mW/g

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 = 0.710 V/m

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00428 mW/g

Maximum value of SAR (measured) = 0.009 mW/g

Mid Channel 39/Area Scan (9x17x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

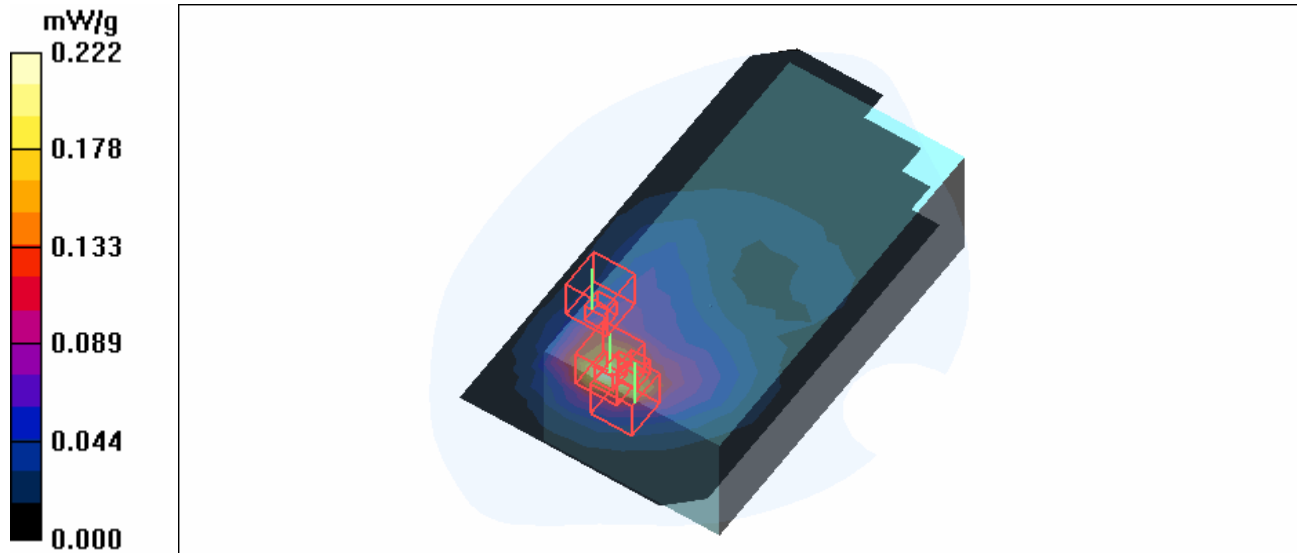
Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.150 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = **0.000104 mW/g** ; SAR(10 g) = $1.13\text{e-}005\text{ mW/g}$

Maximum value of SAR (measured) = 0.007 mW/g



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Test Laboratory: Advance Data Technology

System Validation Check-MSL 835MHz

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

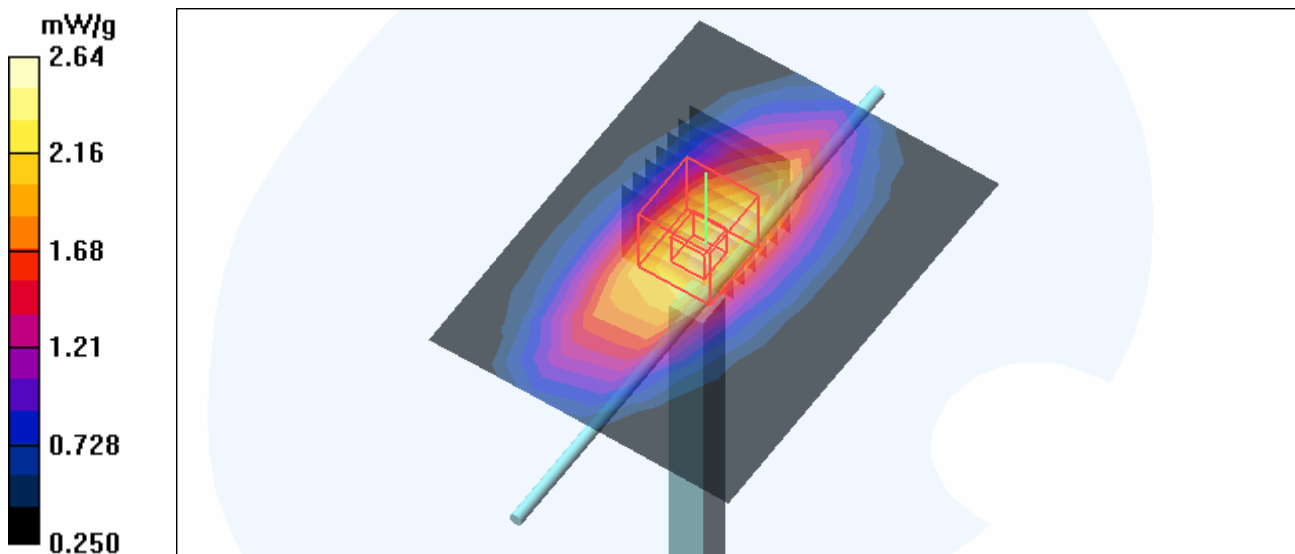
Communication System: CW ; Frequency: 835 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL835; Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 56.2$; $\rho = 1000 \text{ kg/m}^3$;
Liquid level : 152 mm
Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)
Air temp. : 23.2 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.47 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.8 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 2.42 mW/g; SAR(10 g) = 1.63 mW/g
Maximum value of SAR (measured) = 2.64 mW/g



Date/Time: 2007/2/8 14:58:42

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: $f = 1900$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³ ; Liquid level : 150 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.6 degrees ; Liquid temp. : 22.5 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 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.8 mW/g

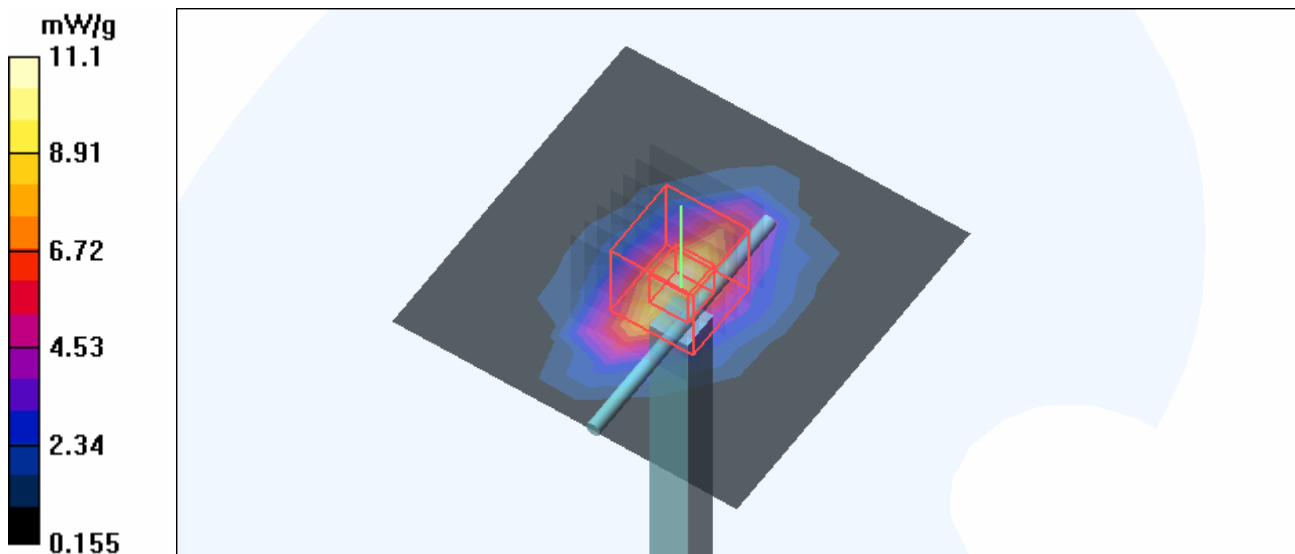
d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.1 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 9.77 mW/g; SAR(10 g) = 5.11 mW/g

Maximum value of SAR (measured) = 11.1 mW/g



Date/Time: 2007/2/9 11:37:54

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; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.2$; $\rho = 1000$ kg/m³ ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom) Air temp. : 23.8 degrees ; Liquid temp. : 22.6 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 15.9 mW/g

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

Reference Value = 93.4 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 33.0 W/kg

SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.25 mW/g

Maximum value of SAR (measured) = 15.4 mW/g

