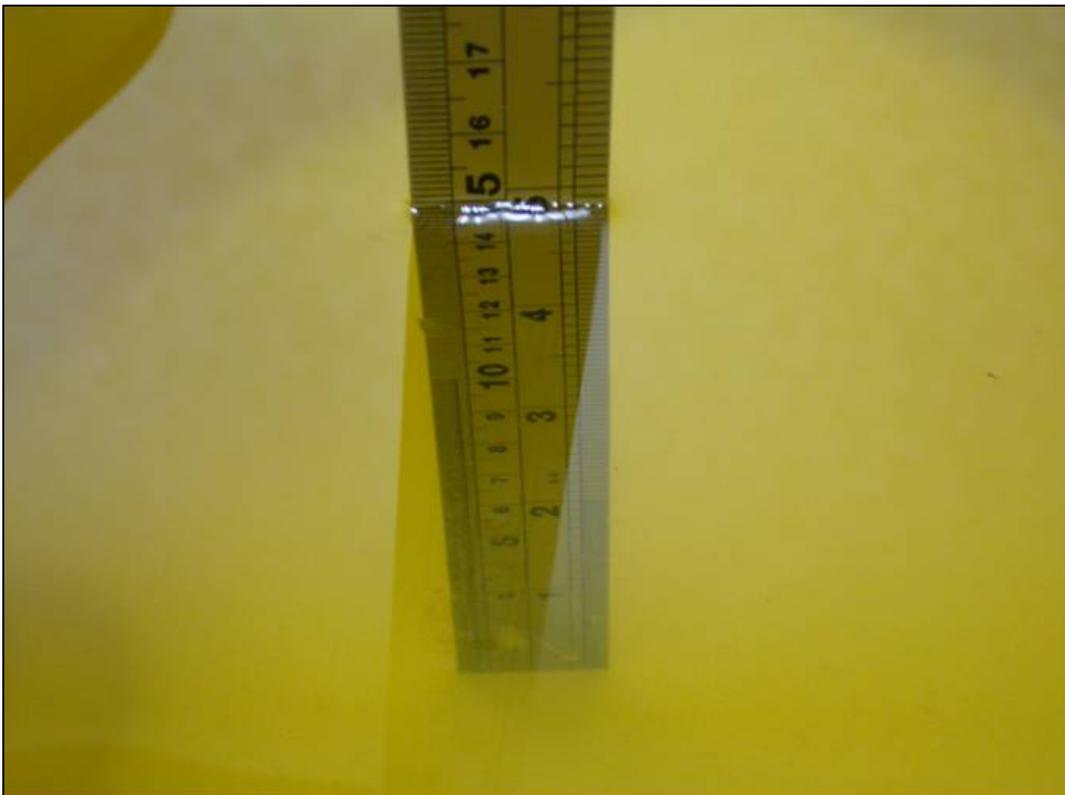## APPENDIX A: TEST DATA

Liquid Level Photo

HSL 835MHz D=151mm

MSL 835MHz D=150mm

HSL 1900MHz D=152mm

MSL 1900MHz D=150mm

HSL 2450MHz D=154mm

MSL 2450MHz D=151mm

Test Laboratory: Advance Data Technology

Right Head-Cheek-CDMA850-Ch1013-Mode 1

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 824.7 MHz; σ = 0.91 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3 ;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.789 mW/g

Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
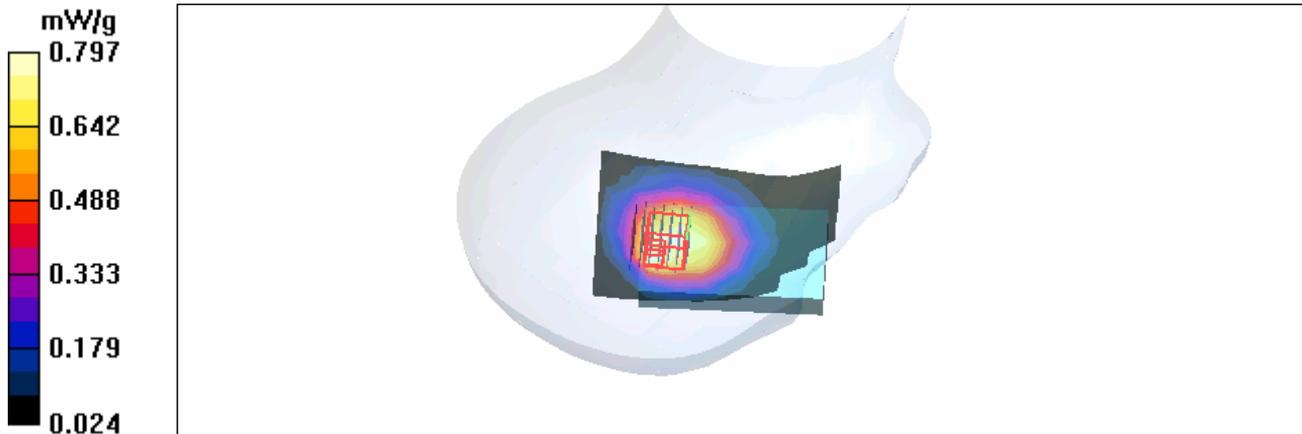
Reference Value = 28.2 V/m

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.740 mW/g; SAR(10 g) = 0.473 mW/g

Maximum value of SAR (measured) = 0.797 mW/g

Test Laboratory: Advance Data Technology

Right Head-Cheek-CDMA850-Ch384-Mode 1

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.5 MHz; σ = 0.92 mho/m; ε_r = 42; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

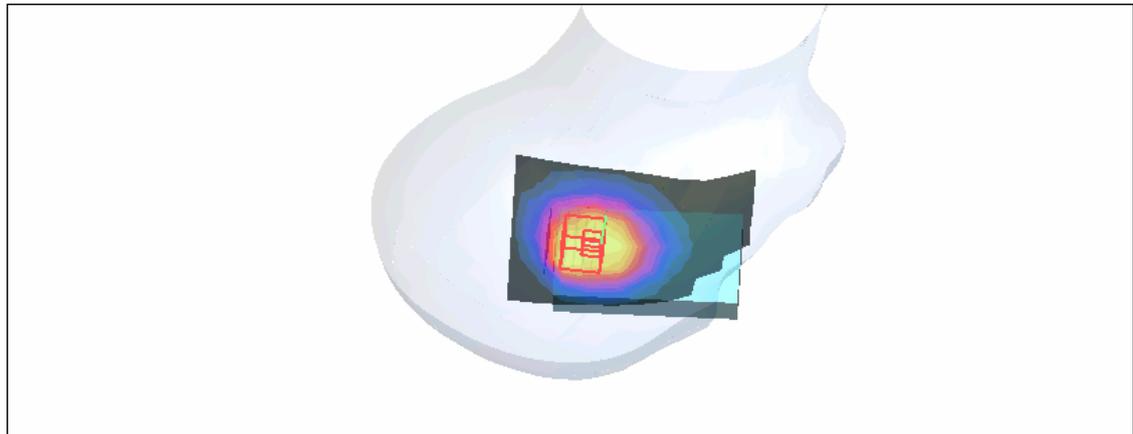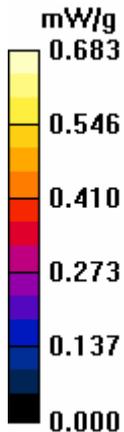**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.9 V/m

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.404 mW/g

Maximum value of SAR (measured) = 0.681 mW/g

Test Laboratory: Advance Data Technology

Right Head-Cheek-CDMA850-Ch777-Mode 1

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.93$ mho/m; $\varepsilon_r = 41.9$; $\rho = 1000$ kg/m^3 ;
Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.740 mW/g

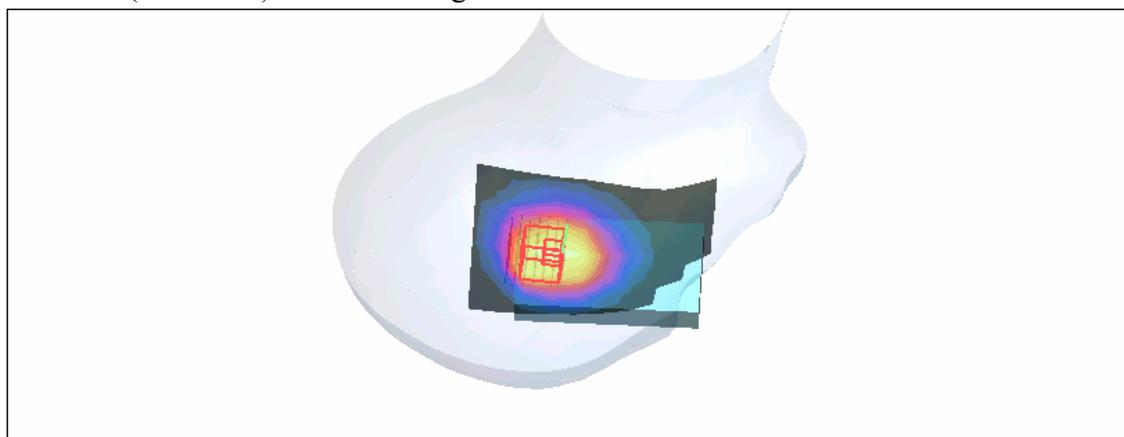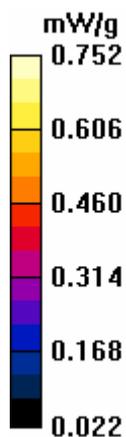**Touch position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.7 V/m

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.692 mW/g; SAR(10 g) = 0.440 mW/g

Maximum value of SAR (measured) = 0.752 mW/g

Test Laboratory: Advance Data Technology

Right Head-Tilt-CDMA850-Ch1013-Mode 2

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 824.7 MHz; σ = 0.91 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm
Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm,
dy=15mm
Maximum value of SAR (measured) = 0.654 mW/g

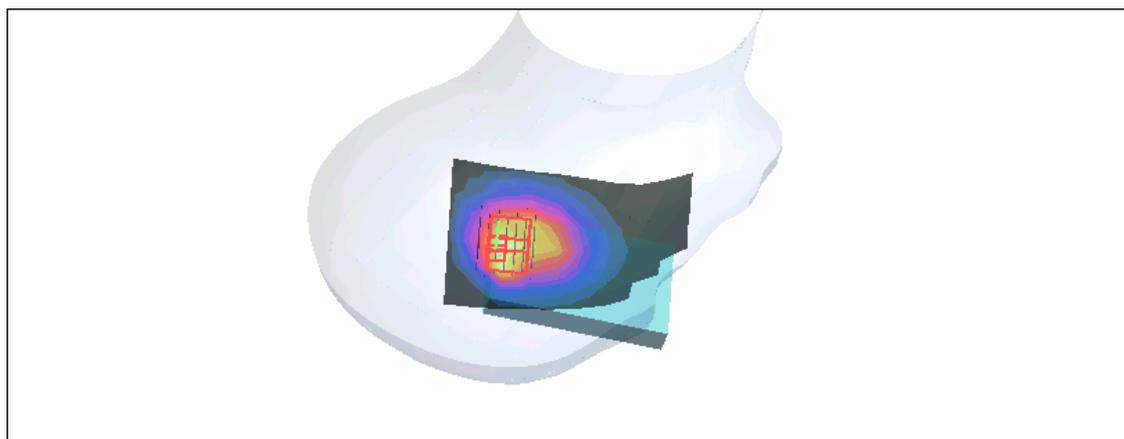**Tilt position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:
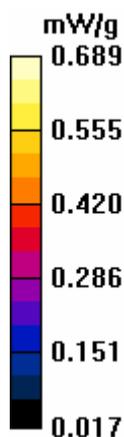dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.1 V/m
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.689 mW/g

Test Laboratory: Advance Data Technology

Right Head-Tilt-CDMA850-Ch384-Mode 2

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.5 MHz; σ = 0.92 mho/m; ε_r = 42; ρ = 1000 kg/m^3 ;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

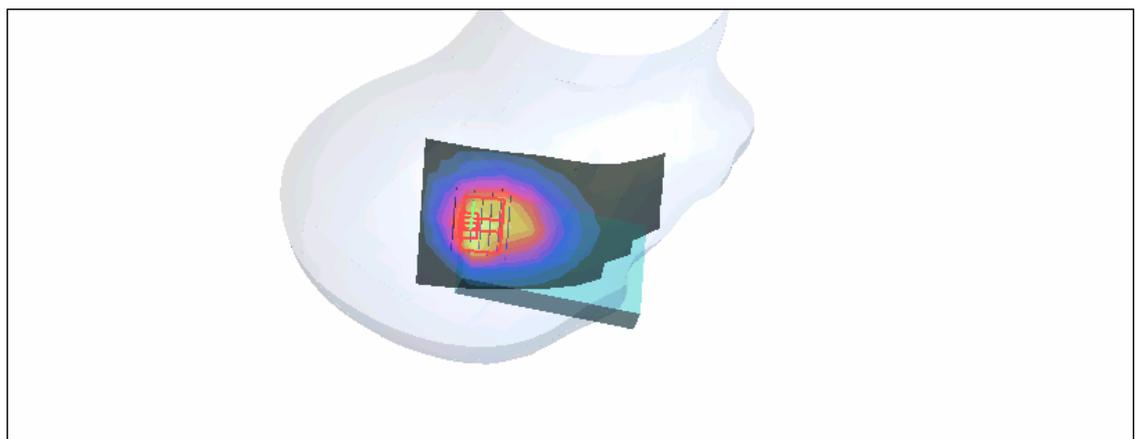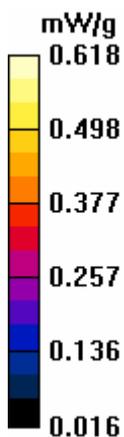Maximum value of SAR (measured) = 0.572 mW/g

Tilt position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:

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

Reference Value = 25.1 V/m

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.618 mW/g

Test Laboratory: Advance Data Technology

Right Head-Tilt-CDMA850-Ch777-Mode 2

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 848.8 MHz; σ = 0.93 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
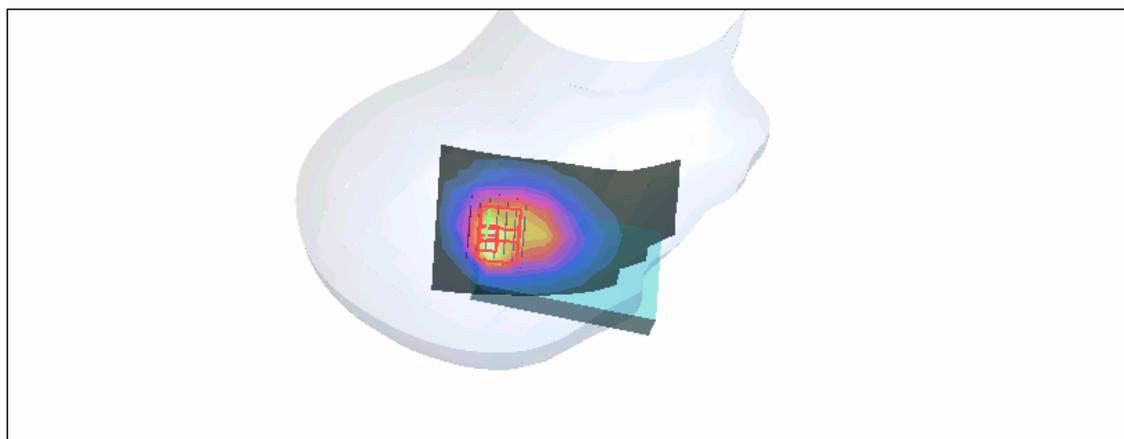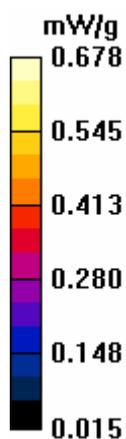dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.3 V/m

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.617 mW/g; SAR(10 g) = 0.342 mW/g

Maximum value of SAR (measured) = 0.678 mW/g

Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch1013-Mode 3

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 824.7 MHz; σ = 0.91 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3 ;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23

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

- Electronics: DAE3 Sn510; Calibrated: 2006/9/7

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

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

Touch position - Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.827 mW/g

Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
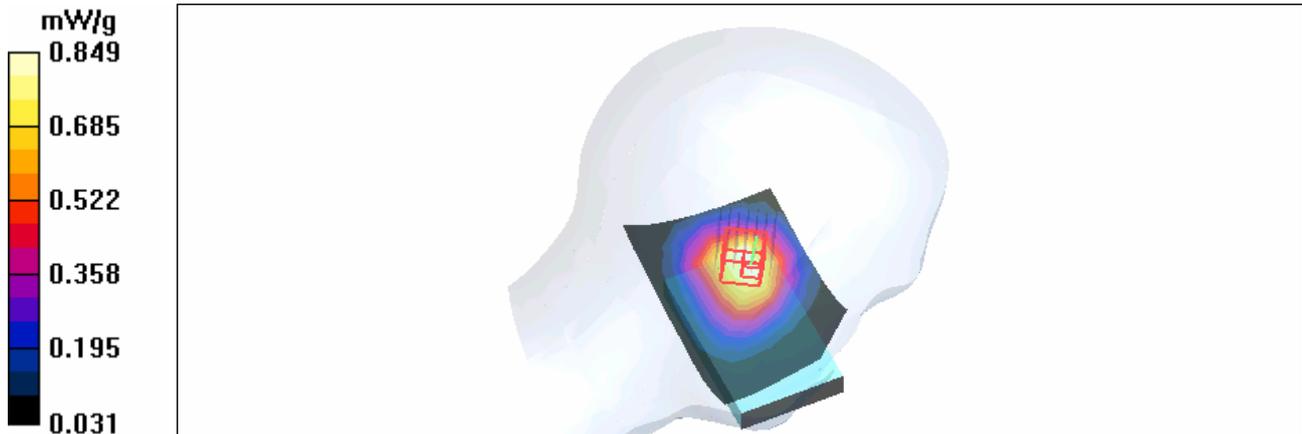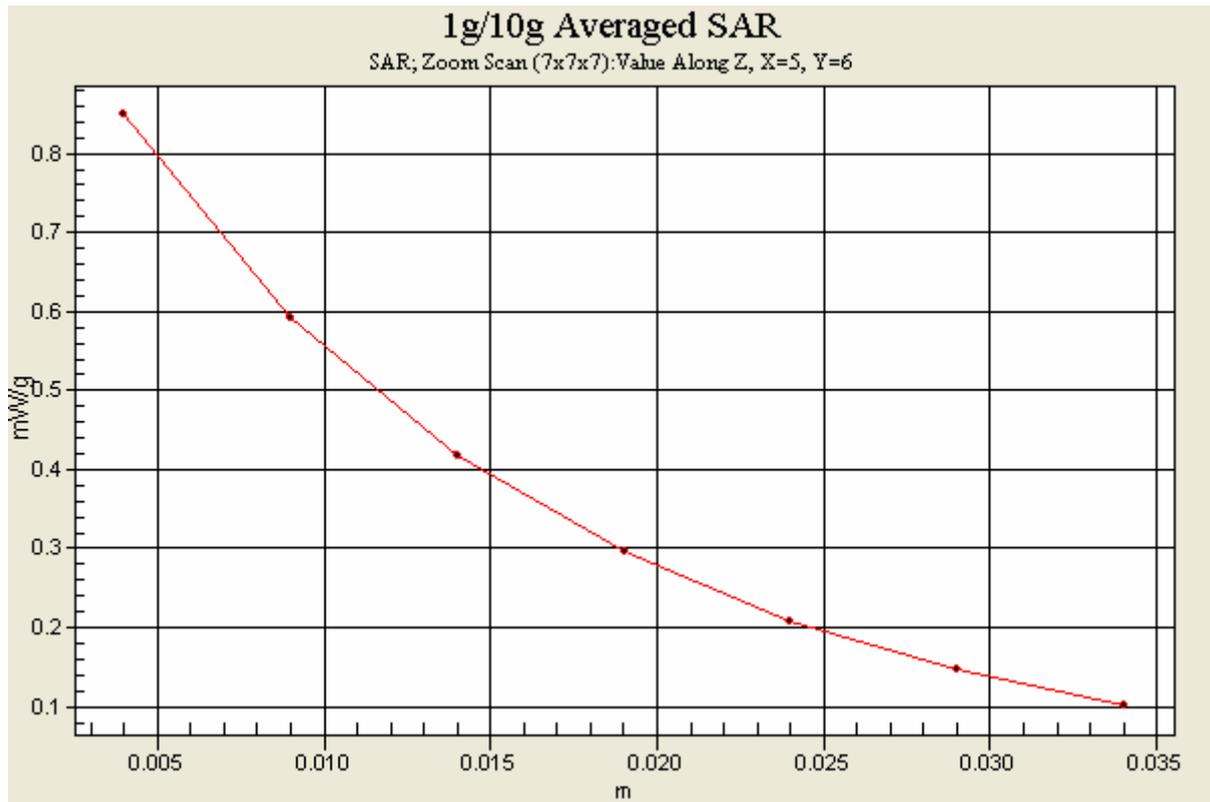
Reference Value = 30.4 V/m

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.849 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan (7x7x7):Value Along Z, X=5, Y=6

Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch384-Mode 3
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz
Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: f = 836.5 MHz; σ = 0.92 mho/m; ε_r = 42; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.728 mW/g

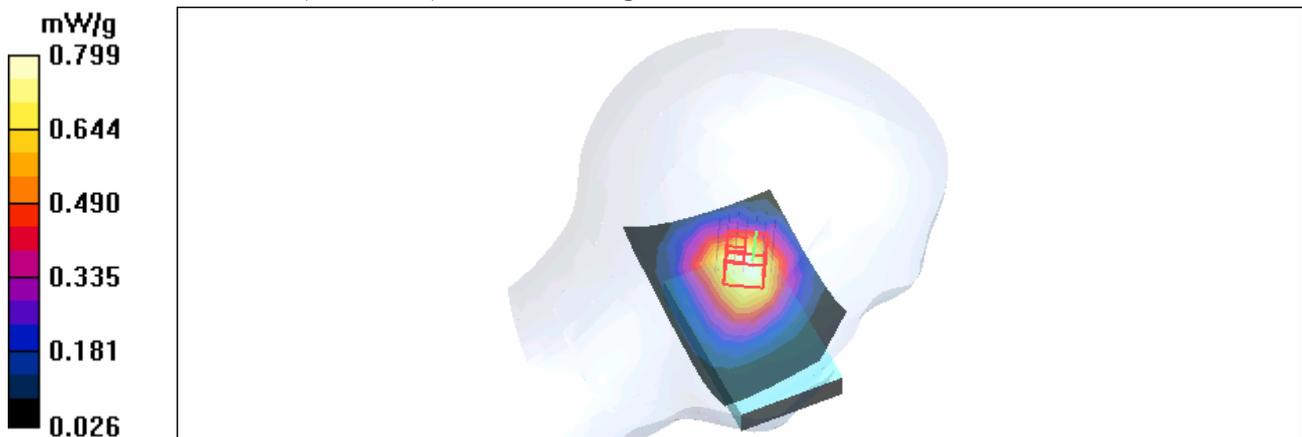**Touch position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.3 V/m
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.465 mW/g
Maximum value of SAR (measured) = 0.799 mW/g

Test Laboratory: Advance Data Technology

Left Head-Cheek-CDMA850-Ch777-Mode 3

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1
Medium: HSL835 Medium parameters used: $f = 848.8$ MHz; $\sigma = 0.93$ mho/m; $\varepsilon_r = 41.9$; $\rho = 1000$ kg/m^3 ;
Liquid level: 151 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.802 mW/g

Touch position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.2 V/m
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.479 mW/g
Maximum value of SAR (measured) = 0.820 mW/g

Test Laboratory: Advance Data Technology

Left Head-Tilt-CDMA850-Ch1013-Mode 4

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 824.7 MHz; σ = 0.91 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm,
dy=15mm

Maximum value of SAR (measured) = 0.663 mW/g

Tilt position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
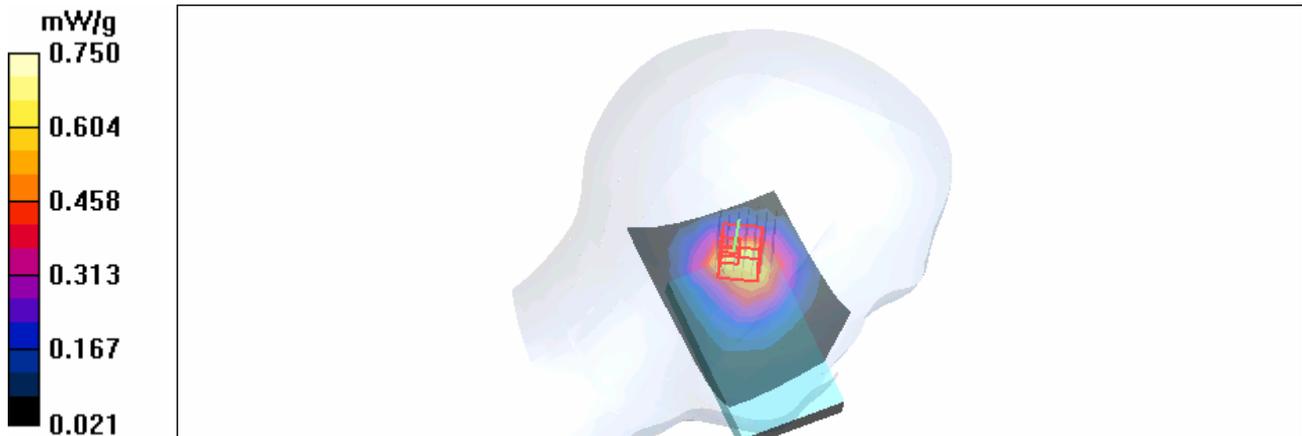
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.0 V/m

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.361 mW/g

Maximum value of SAR (measured) = 0.750 mW/g

Test Laboratory: Advance Data Technology

Left Head-Tilt-CDMA850-Ch384-Mode 4

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 836.5 MHz; σ = 0.92 mho/m; ε_r = 42; ρ = 1000 kg/m^3 ;

Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.578 mW/g

Tilt position - Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
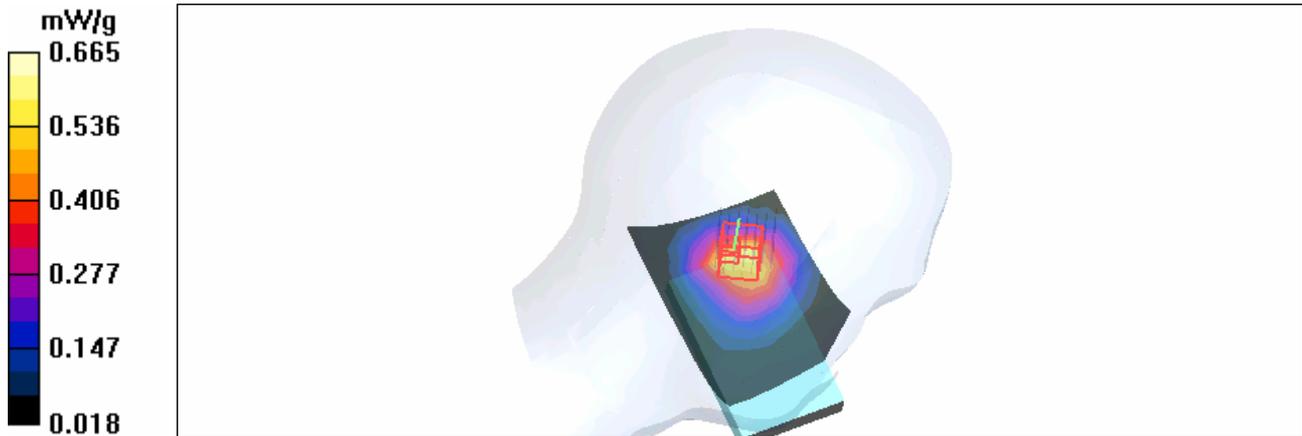
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.3 V/m

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.316 mW/g

Maximum value of SAR (measured) = 0.665 mW/g

Test Laboratory: Advance Data Technology

Left Head-Tilt-CDMA850-Ch777-Mode 4

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: HSL835 Medium parameters used: f = 848.8 MHz; σ = 0.93 mho/m; ε_r = 41.9; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.619 mW/g

Tilt position - High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
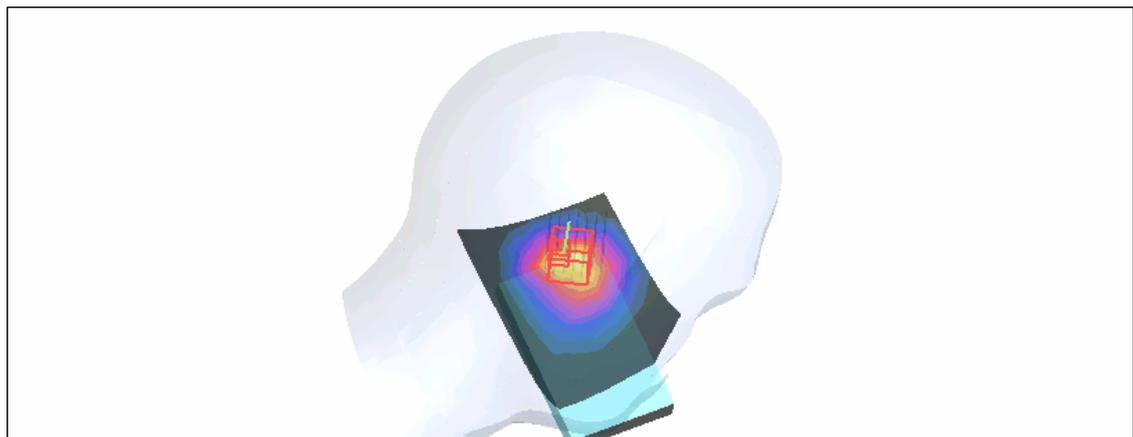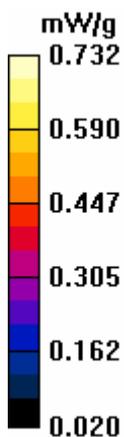dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.8 V/m
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.353 mW/g
Maximum value of SAR (measured) = 0.732 mW/g

Test Laboratory: Advance Data Technology

Body Worn-CDMA850-Ch1013-Mode 5
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz
Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: f = 824.7 MHz; σ = 0.98 mho/m; ε_r = 56.8; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
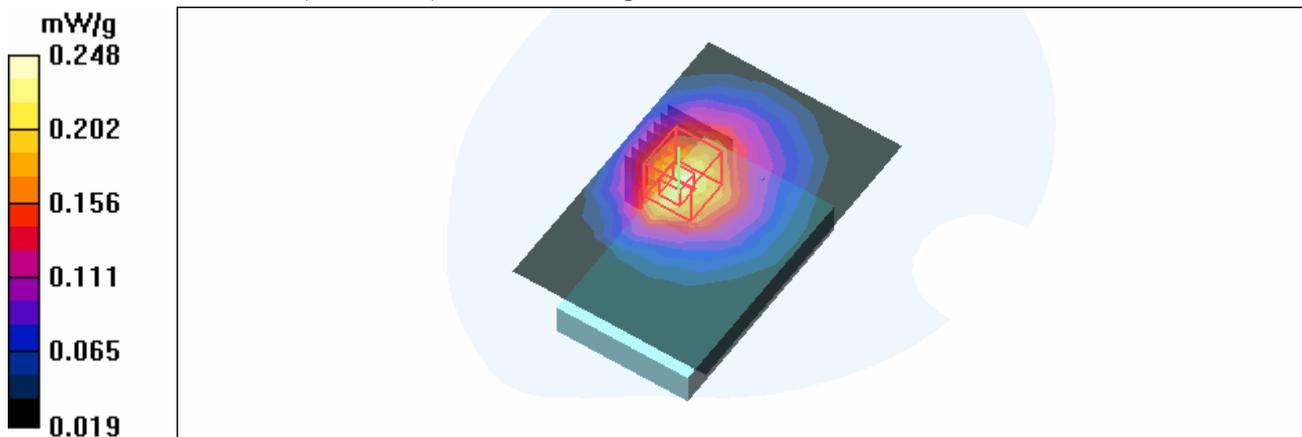Maximum value of SAR (measured) = 0.241 mW/g

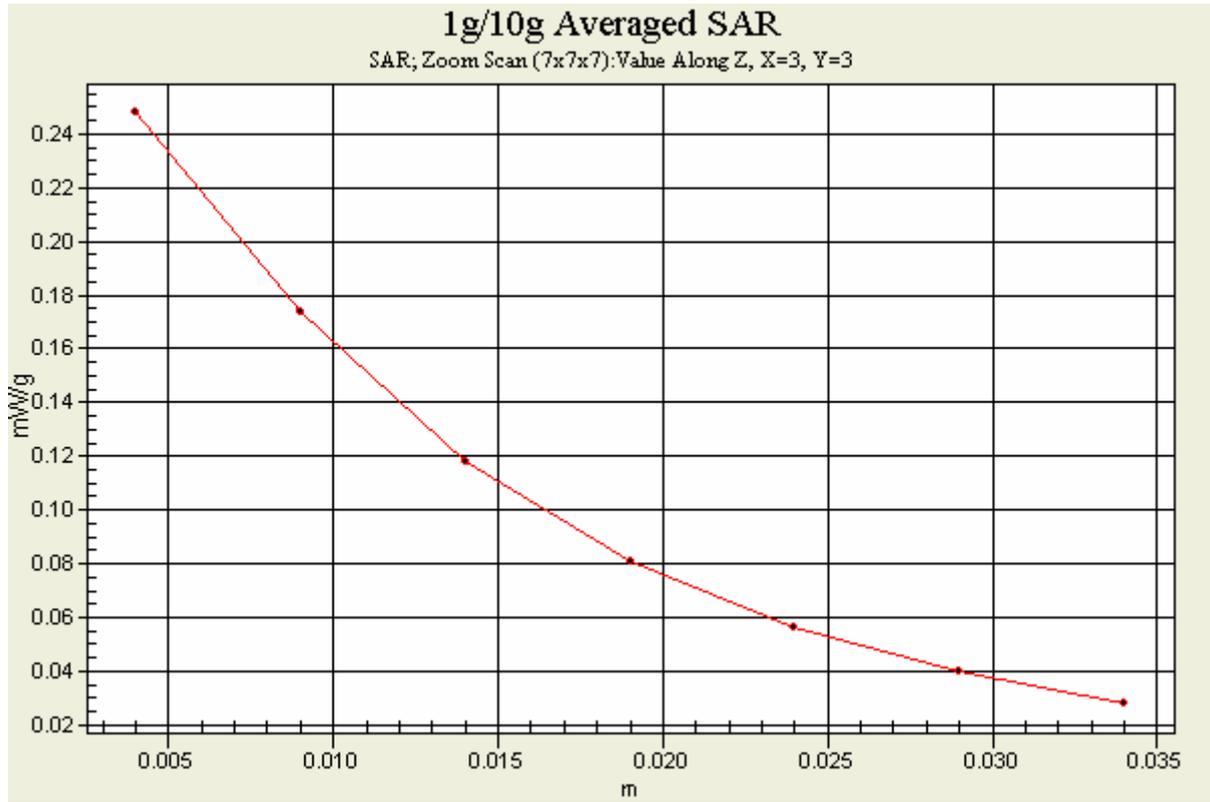**Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.0 V/m
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.248 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan (7x7x7):Value Along Z, X=3, Y=3

Test Laboratory: Advance Data Technology

Body Worn-CDMA850-Ch384-Mode 5
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz
Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 56.7; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
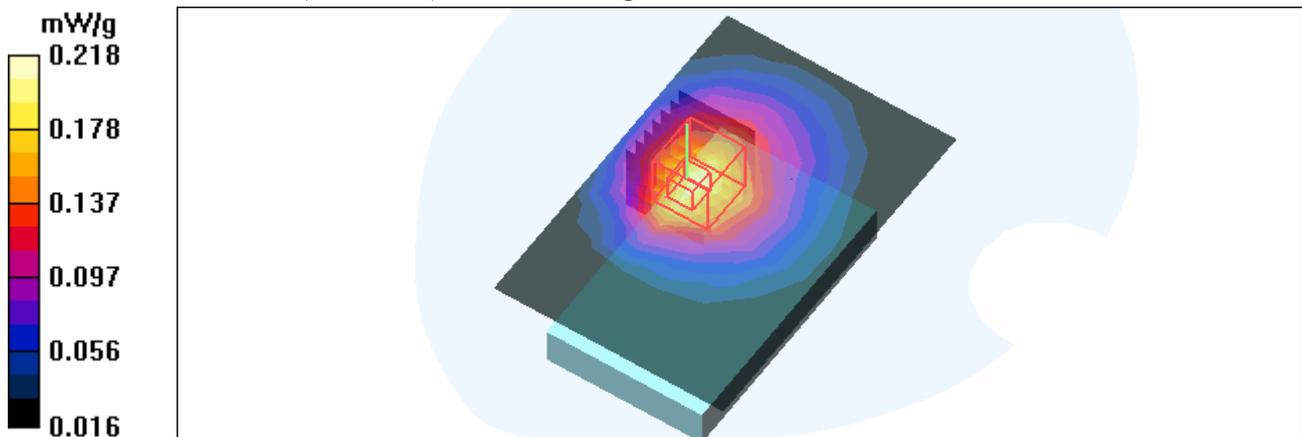Maximum value of SAR (measured) = 0.207 mW/g

Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.97 V/m
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.218 mW/g

Test Laboratory: Advance Data Technology

Body Worn-CDMA850-Ch777-Mode 5
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz
Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: f = 848.3 MHz; σ = 1.01 mho/m; ε_r = 56.6; ρ = 1000
kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.223 mW/g

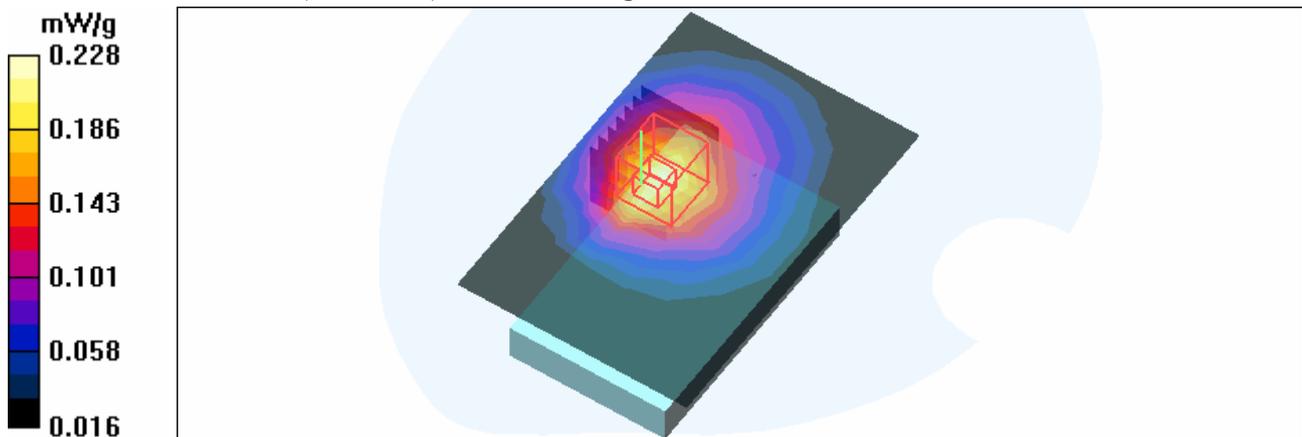**High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 10.1 V/m
Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.228 mW/g

Test Laboratory: Advance Data Technology

Body Worn-CDMA850-Ch1013-Mode 6

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz
Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: f = 824.7 MHz; σ = 0.98 mho/m; ε_r = 56.8; ρ = 1000
kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The front side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.190 mW/g

Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm
Reference Value = 11.0 V/m
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.204 mW/g
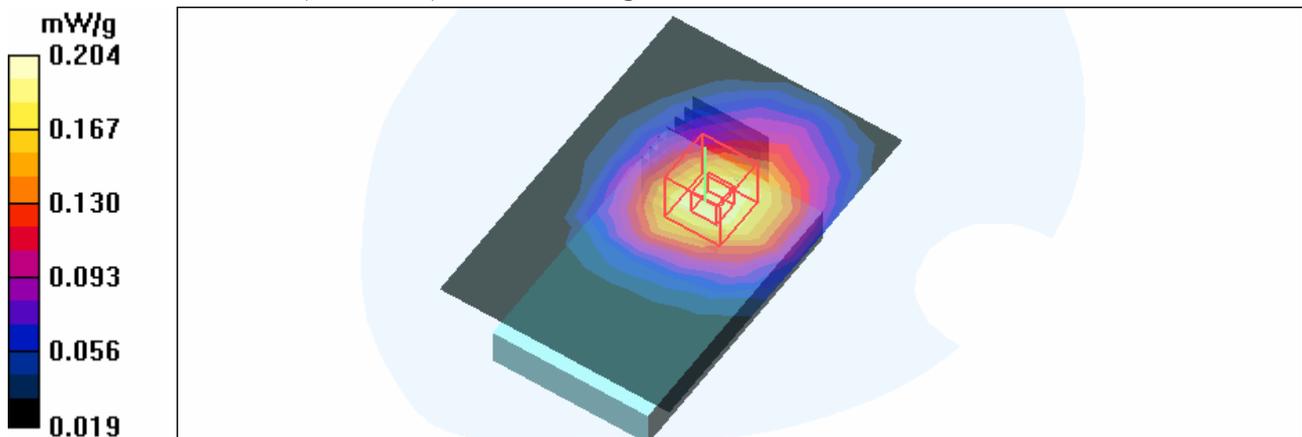
Test Laboratory: Advance Data Technology

Body Worn-1xEVDO850-Ch1013-Mode 7
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz
Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1
Medium: MSL835 Medium parameters used: f = 824.7 MHz; σ = 0.98 mho/m; ε_r = 56.8; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
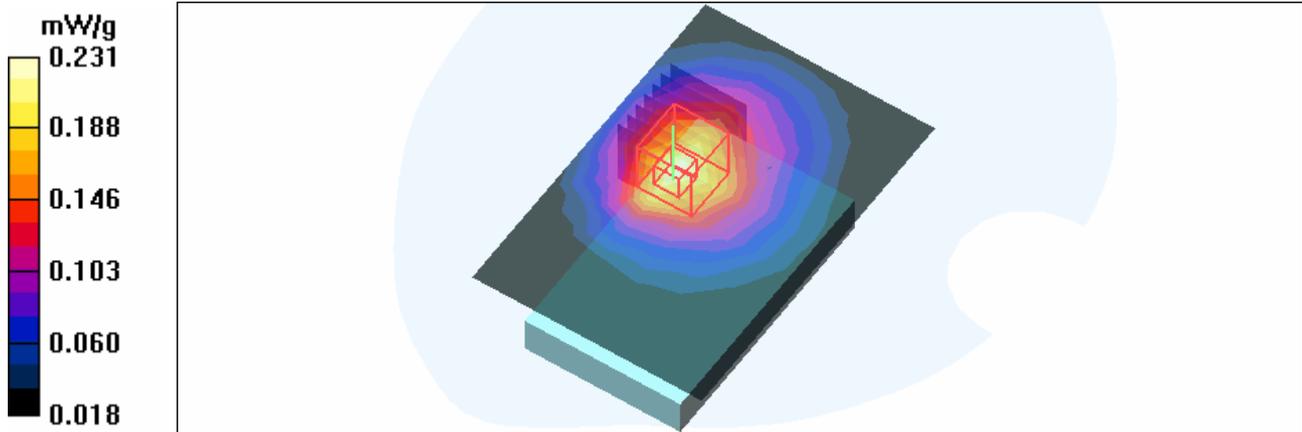Maximum value of SAR (measured) = 0.230 mW/g

Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.2 V/m
Peak SAR (extrapolated) = 0.300 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.231 mW/g

Test Laboratory: Advance Data Technology

Body Worn-1xEVDO850-Ch384-Mode 7

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 836.5 MHz

Communication System: CDMA ; Frequency: 836.5 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 56.7; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 384/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
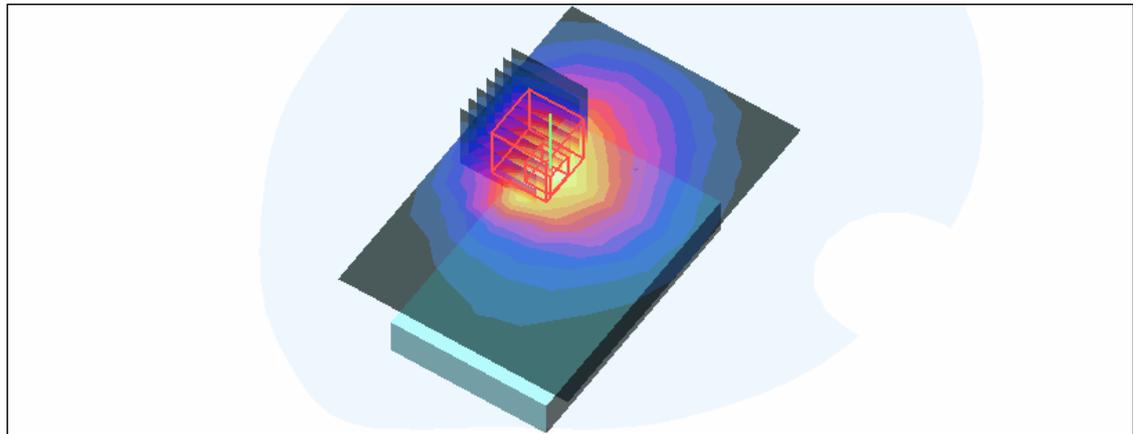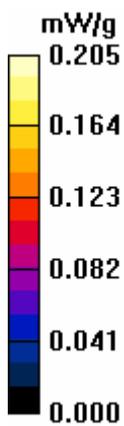
Maximum value of SAR (measured) = 0.205 mW/g

Mid Channel 384/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.1 V/m

Peak SAR (extrapolated) = 0.258 W/kg

SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.114 mW/g

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

Test Laboratory: Advance Data Technology

Body Worn-1xEVDO850-Ch777-Mode 7

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 848.3 MHz

Communication System: CDMA ; Frequency: 848.3 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: f = 848.3 MHz; σ = 1.01 mho/m; ε_r = 56.6; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 777/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

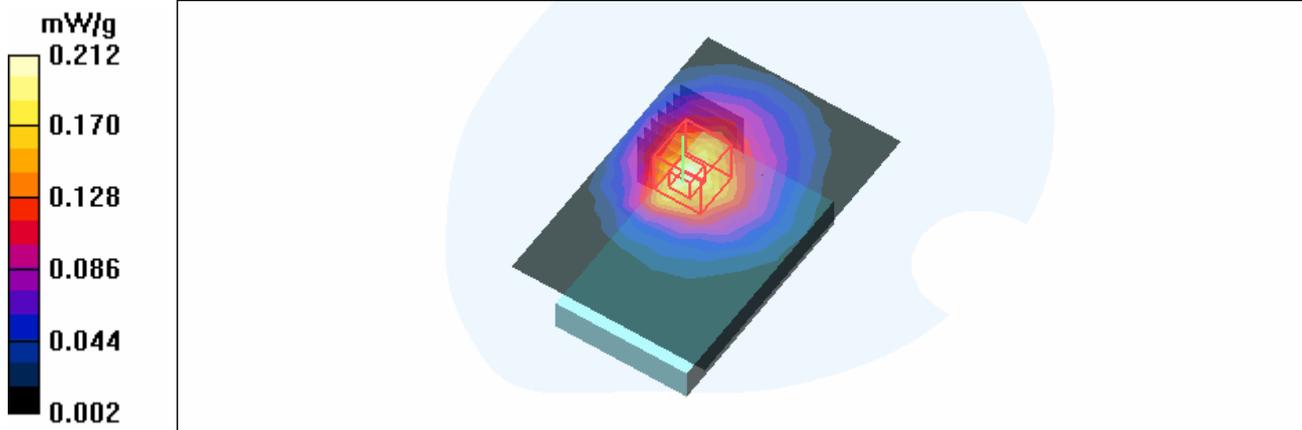**High Channel 777/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.7 V/m

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.209 mW/g

Test Laboratory: Advance Data Technology

Body Worn-1xEVDO850-Ch1013-Mode 8

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHz

Communication System: CDMA ; Frequency: 824.7 MHz ; Duty Cycle: 1:1

Medium: MSL835 Medium parameters used: f = 824.7 MHz; σ = 0.98 mho/m; ε_r = 56.8; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.170 mW/g

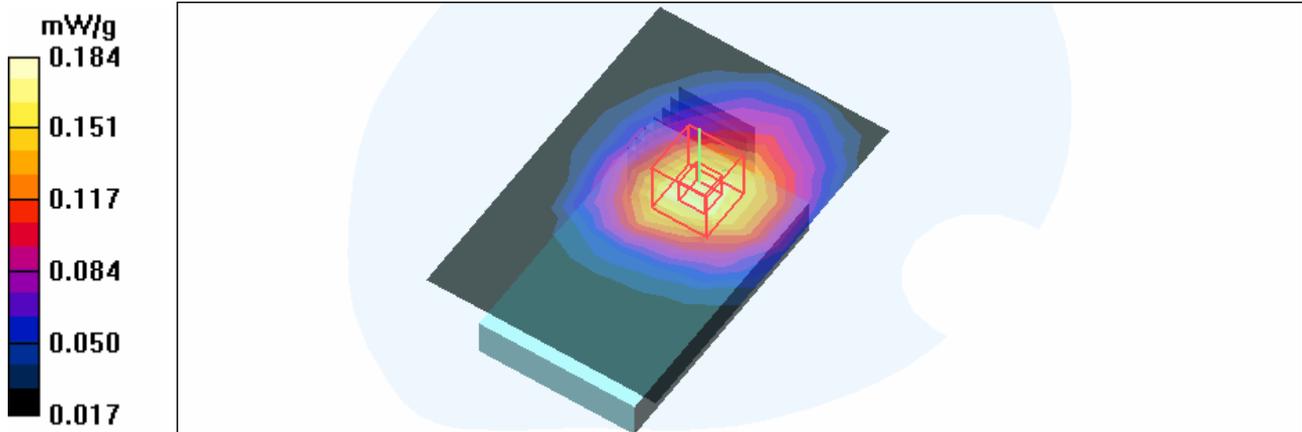**Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.1 V/m

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.119 mW/g

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

Test Laboratory: Advance Data Technology

Right Head- Cheek –CDMA1900-Ch25-Mode 9
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz
Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Right Section ; DUT test position : Cheek ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.882 mW/g

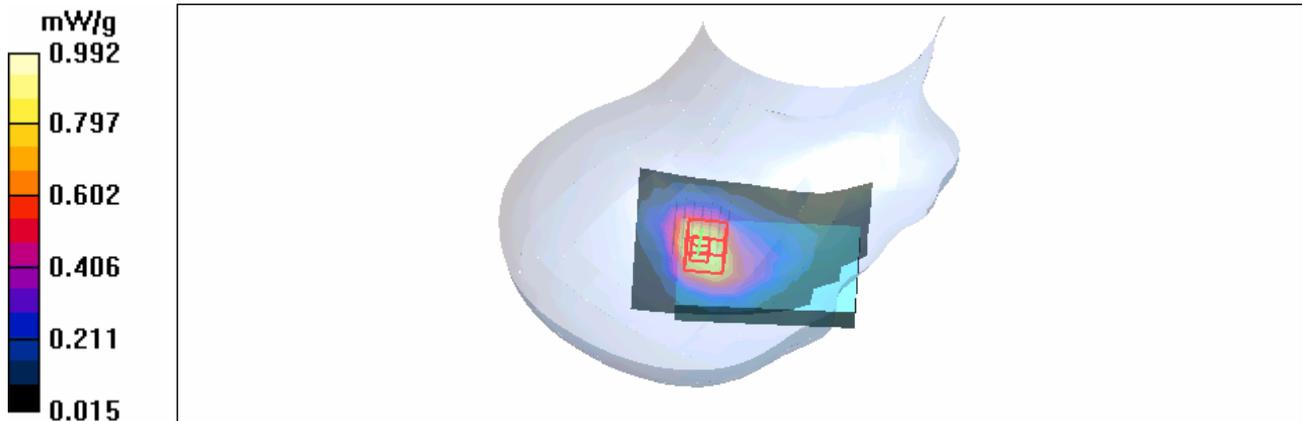**Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.9 V/m
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.537 mW/g
Maximum value of SAR (measured) = 0.992 mW/g

Test Laboratory: Advance Data Technology

Right Head- Cheek –CDMA1900-Ch600-Mode 9

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

Communication System: CDMA1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3 ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid Channel 600/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.754 mW/g

Touch position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
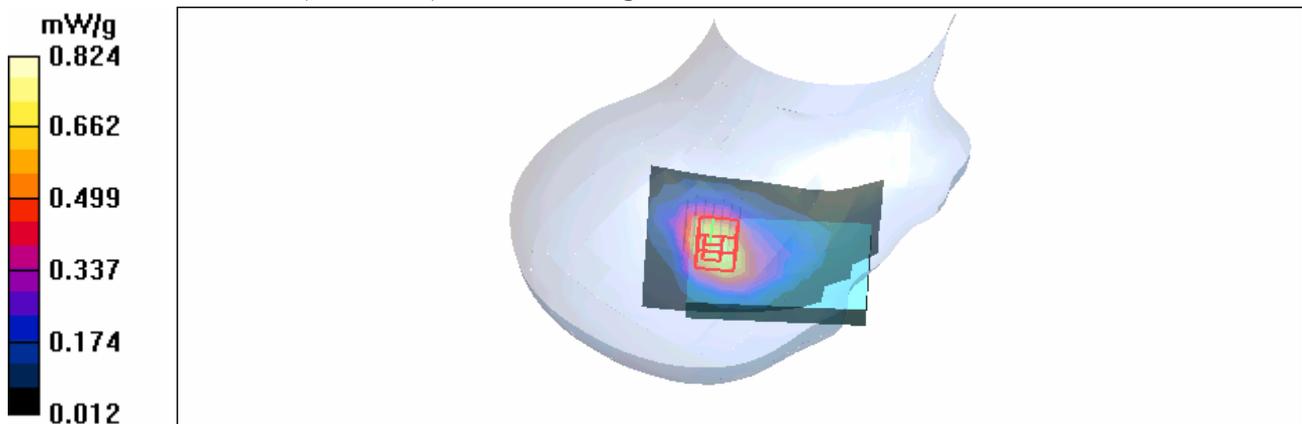
Reference Value = 17.2 V/m

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.755 mW/g; SAR(10 g) = 0.448 mW/g

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

Test Laboratory: Advance Data Technology

Right Head- Cheek –CDMA1900-Ch1175-Mode 9

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA1900 ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used: f = 1908.75 MHz; σ = 1.45 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3 ; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High Channel 1175/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.880 mW/g

Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
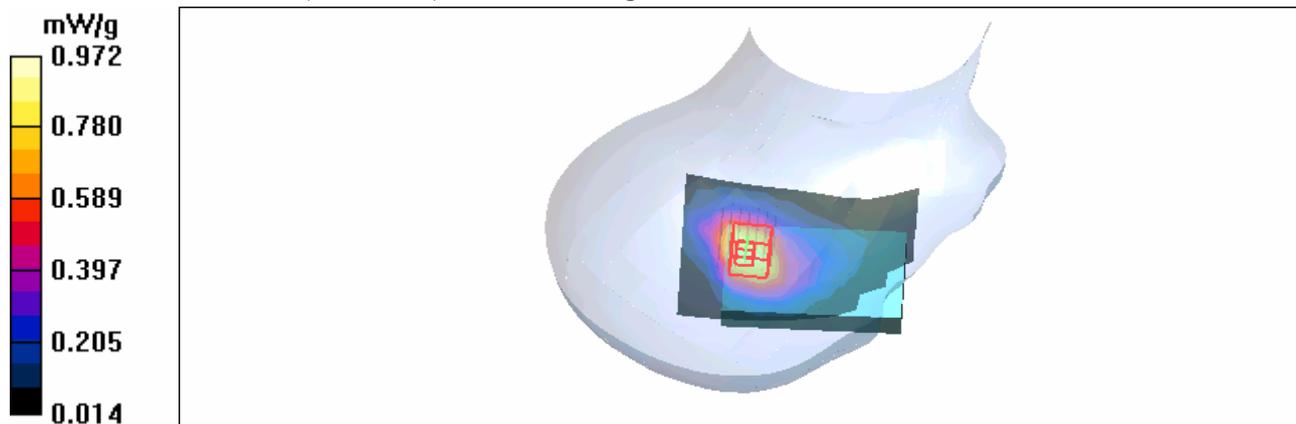
Reference Value = 18.7 V/m

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.891 mW/g; SAR(10 g) = 0.527 mW/g

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

Test Laboratory: Advance Data Technology

Right Head- Tilt –CDMA1900-Ch25-Mode 10

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3 ; Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.893 mW/g

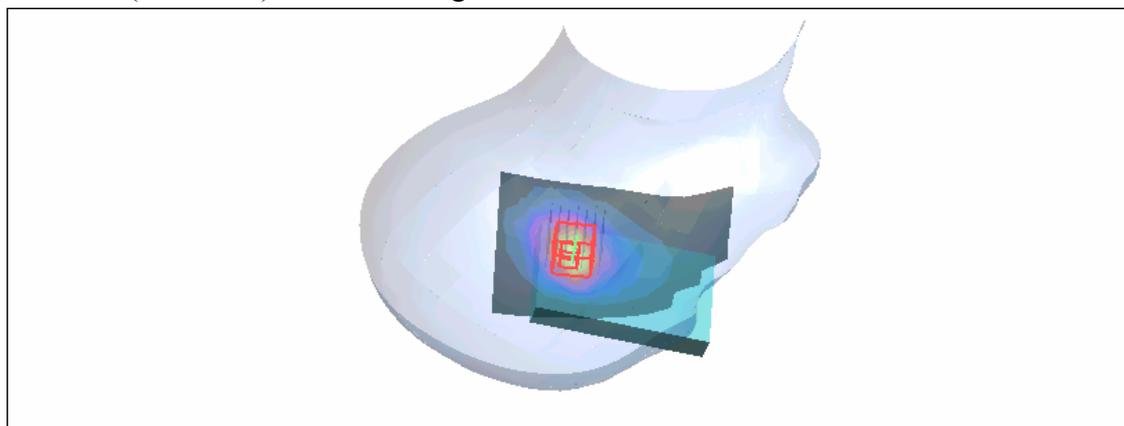**Tilt position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.6 V/m

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.820 mW/g; SAR(10 g) = 0.458 mW/g

Maximum value of SAR (measured) = 0.891 mW/g
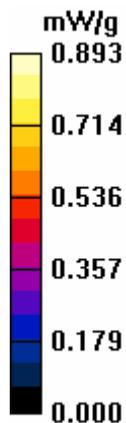
Test Laboratory: Advance Data Technology

Right Head- Tilt –CDMA1900-Ch600-Mode 10
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz
Communication System: CDMA1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3 ;
Liquid level: 152 mm
Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 600/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.854 mW/g

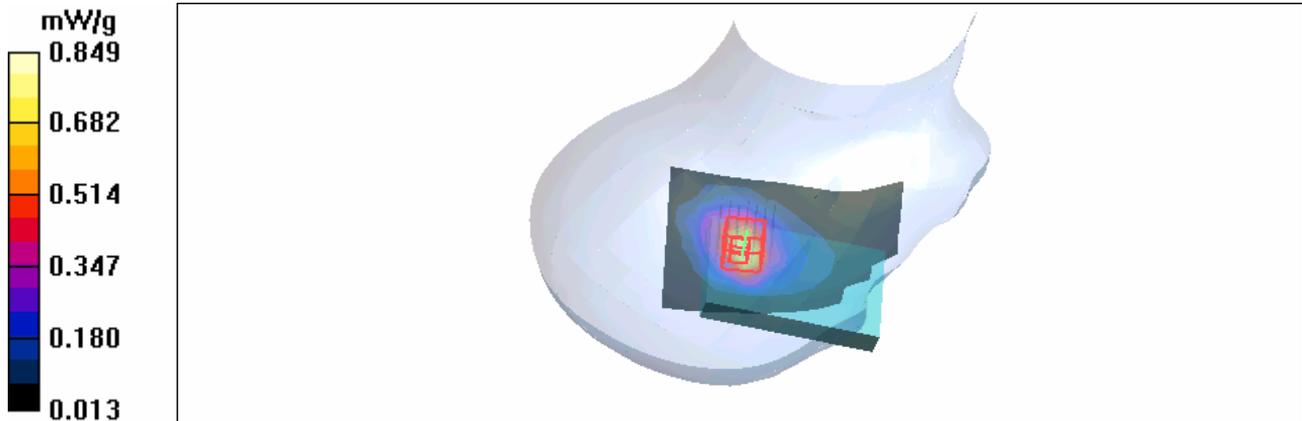**Tilt position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.428 mW/g
Maximum value of SAR (measured) = 0.849 mW/g

Test Laboratory: Advance Data Technology

Right Head- Tilt –CDMA1900-Ch1175-Mode 10
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz
Communication System: CDMA1900 ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1908.75 MHz; σ = 1.45 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Right Section ; DUT test position : Tilt ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High Channel 1175/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.808 mW/g

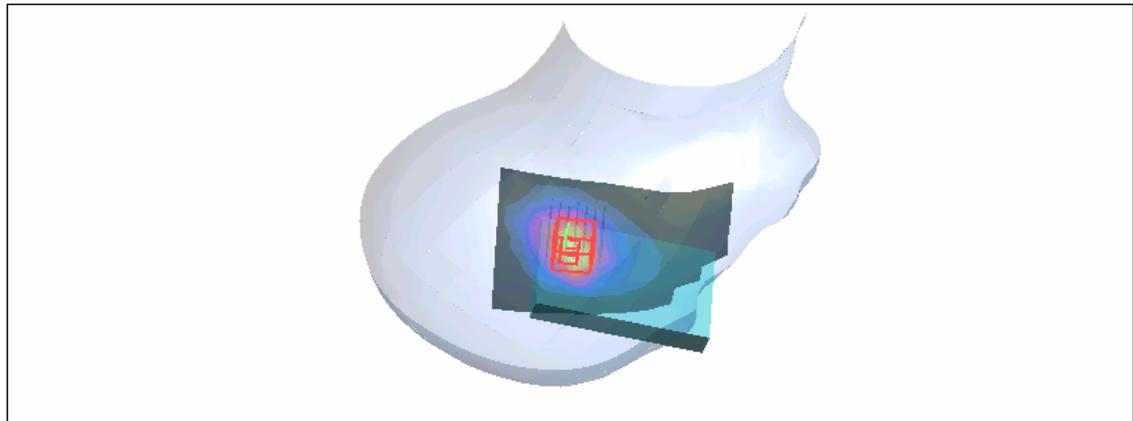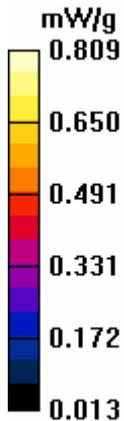**Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.6 V/m
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.411 mW/g
Maximum value of SAR (measured) = 0.809 mW/g

Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch25-Mode 11

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz
Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)\
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.964 mW/g

Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
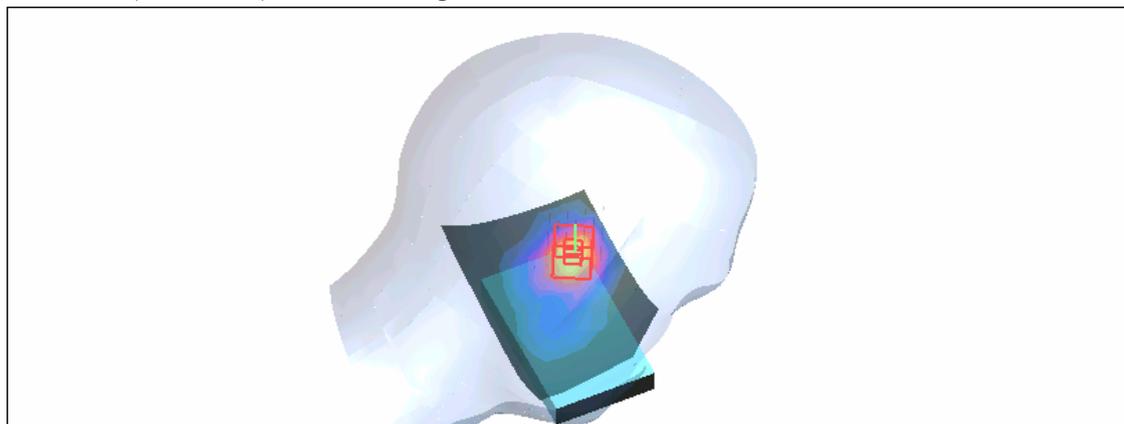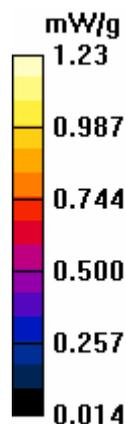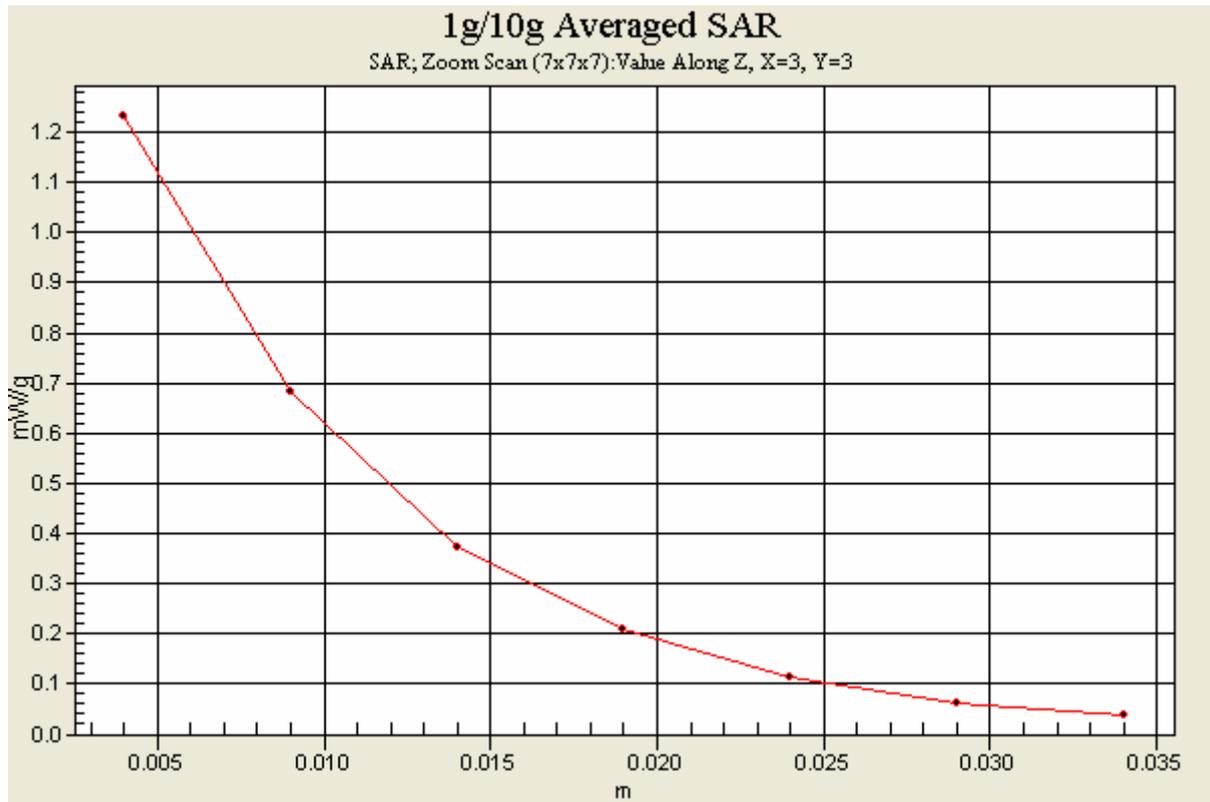Reference Value = 19.0 V/m
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.23 mW/g

1g/10g Averaged SAR

SAR; Zoom Scan (7x7x7):Value Along Z, X=3, Y=3

Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch600-Mode 11

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

Communication System: CDMA1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3 ;

Liquid level: 152 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid Channel 600/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.768 mW/g

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

Reference Value = 15.9 V/m

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.454 mW/g

Maximum value of SAR (measured) = 0.973 mW/g

Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch1175-Mode 11
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz
Communication System: CDMA1900 ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1908.75 MHz; σ = 1.45 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High Channel 1175/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.840 mW/g

Touch position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.4 V/m
Peak SAR (extrapolated) = 2.03 W/kg
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 1.14 mW/g

Test Laboratory: Advance Data Technology

Left Head- Tilt –CDMA1900-Ch25-Mode 12
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz
Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.858 mW/g

Tilt position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
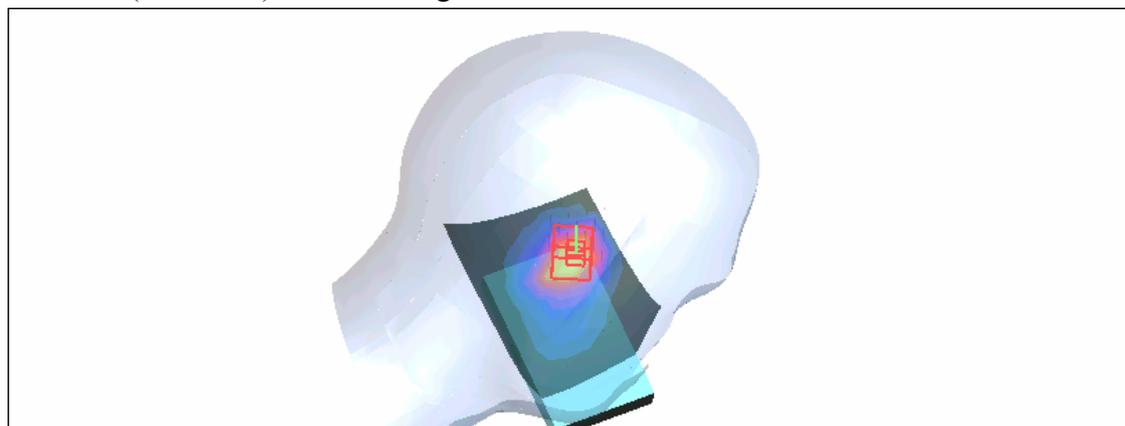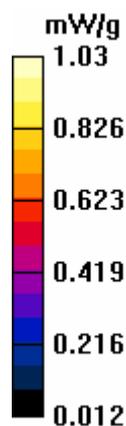dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.4 V/m
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.894 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 1.03 mW/g

Test Laboratory: Advance Data Technology

Left Head- Tilt –CDMA1900-Ch600-Mode 12
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz
Communication System: CDMA1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3 ;
Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - Mid Channel 600/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.689 mW/g

Tilt position - Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid:
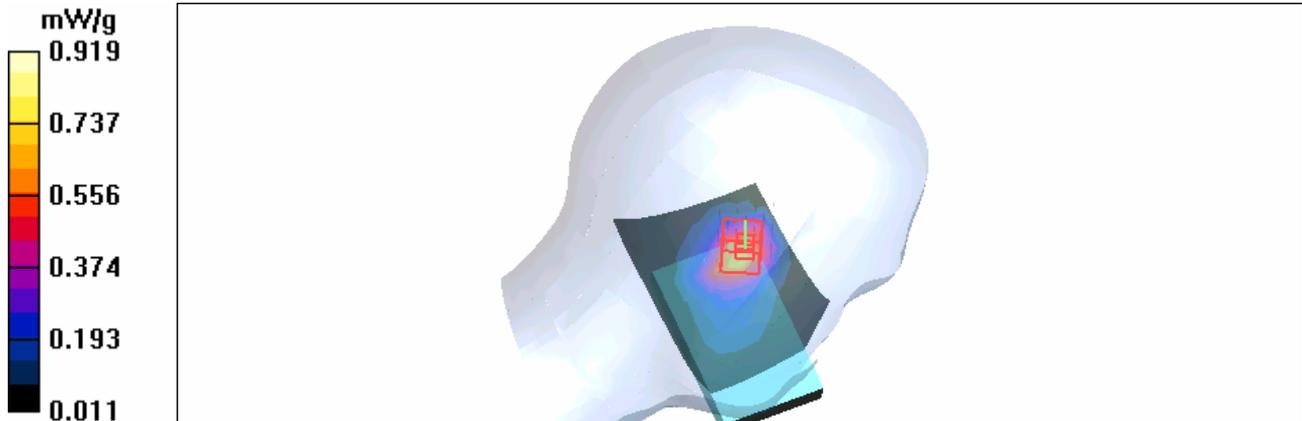dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.4 V/m
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.803 mW/g; SAR(10 g) = 0.407 mW/g
Maximum value of SAR (measured) = 0.919 mW/g

Test Laboratory: Advance Data Technology

Left Head- Tilt –CDMA1900-Ch1175-Mode 12
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz
Communication System: CDMA1900 ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1908.75 MHz; σ = 1.45 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt position - High Channel 1175/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.797 mW/g

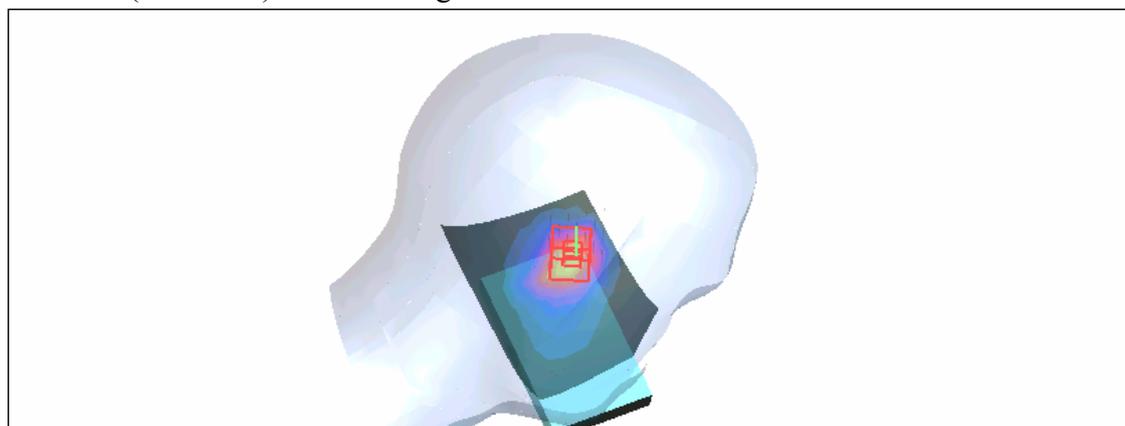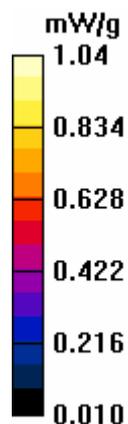**Tilt position - High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.9 V/m
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.453 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

Test Laboratory: Advance Data Technology

Left Head- Cheek –CDMA1900-Ch25-Mode 13
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz
Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1
Medium: HSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: OQPSK
Antenna type : Internal Antenna ; Air temp. : 23.8 degrees ; Liquid temp. : 22.3 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.951 mW/g

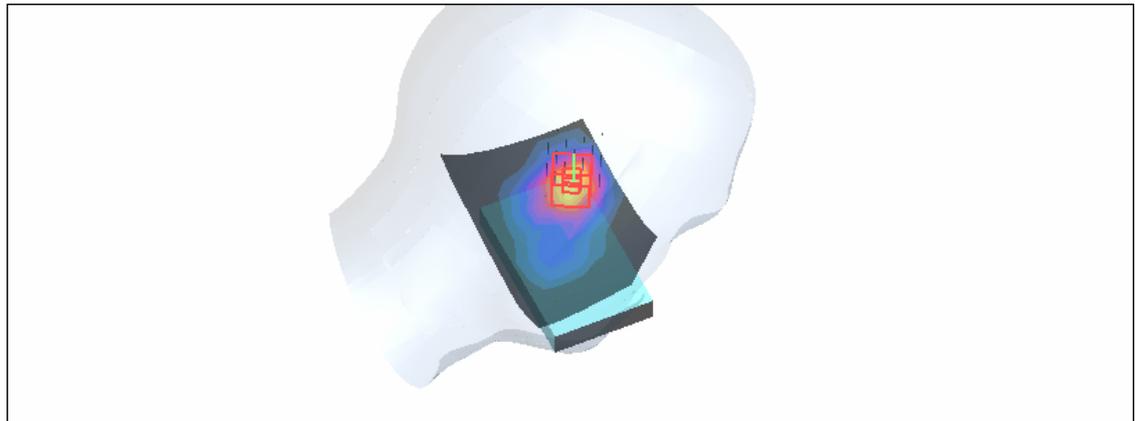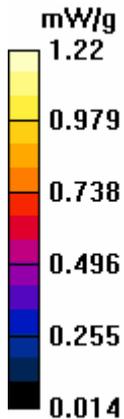**Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.6 V/m
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.567 mW/g
Maximum value of SAR (measured) = 1.22 mW/g

Test Laboratory: Advance Data Technology

Body Worn-CDMA1900-Ch25-Mode 14

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.51 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.269 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.148 mW/g

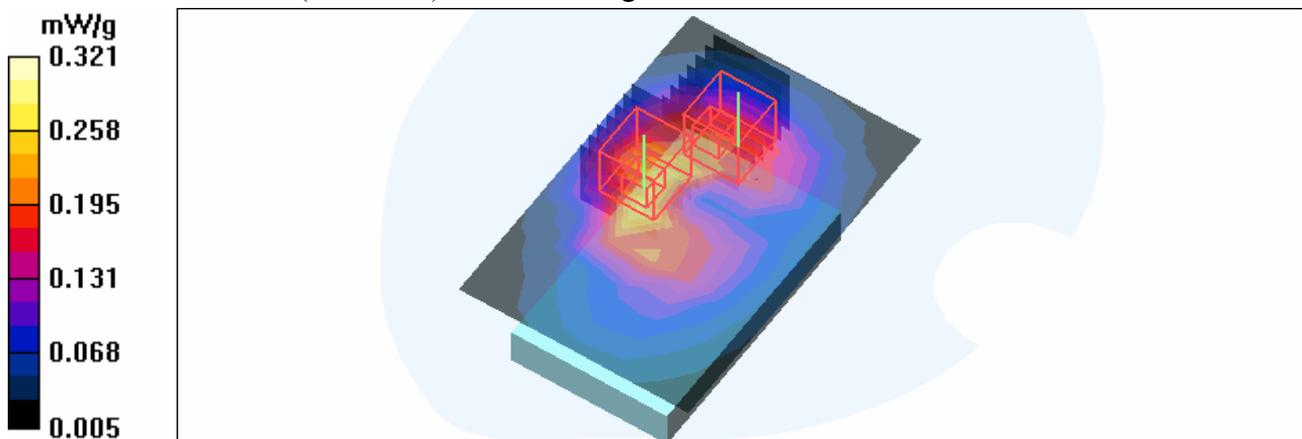Maximum value of SAR (measured) = 0.321 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
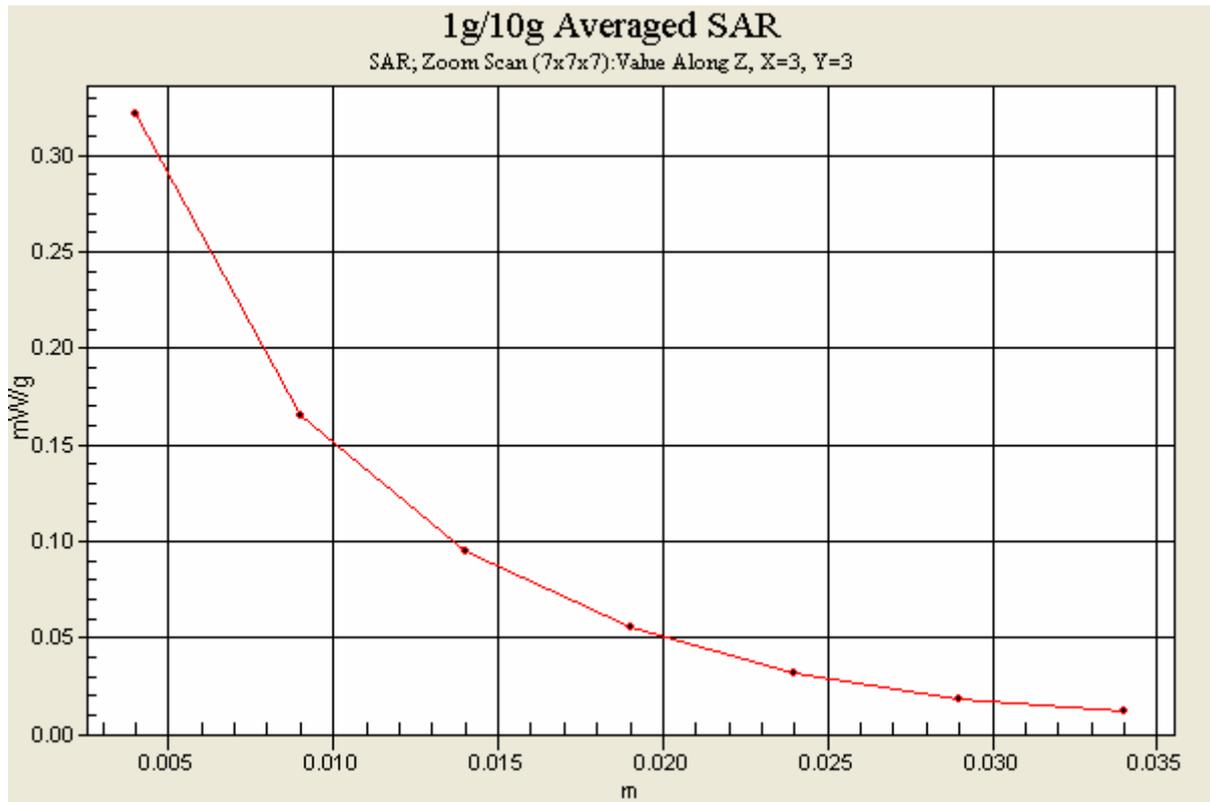
Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.205 mW/g

1g/10g Averaged SAR
SAR; Zoom Scan (7x7x7):Value Along Z, X=3, Y=3

Test Laboratory: Advance Data Technology

Body Worn-CDMA1900-Ch600-Mode 14
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz
Communication System: CDMA1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 600/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.198 mW/g

Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.2 V/m
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.108 mW/g
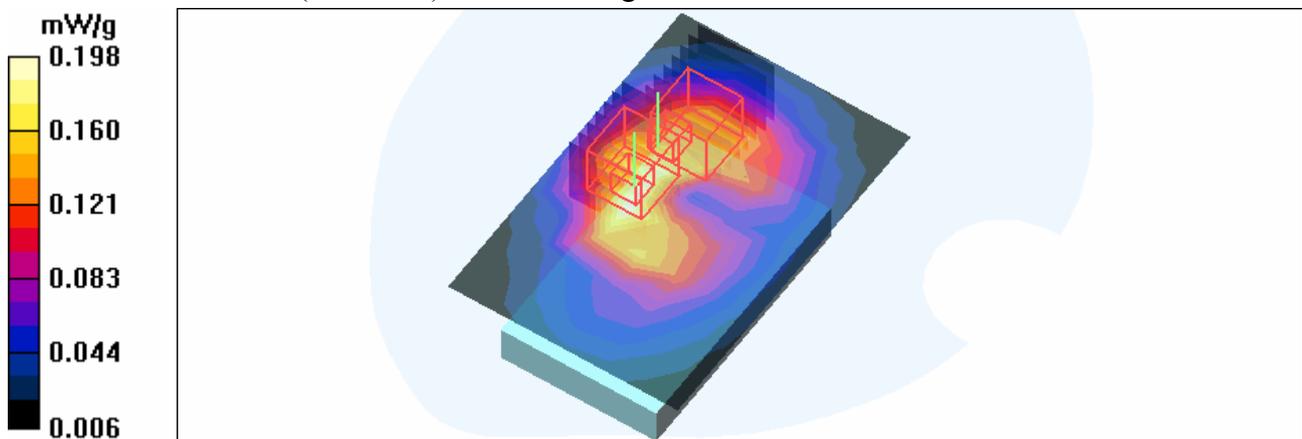Maximum value of SAR (measured) = 0.230 mW/g

Mid Channel 600/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.2 V/m
Peak SAR (extrapolated) = 0.232 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.163 mW/g

Test Laboratory: Advance Data Technology

Body Worn-CDMA1900-Ch1175-Mode 14
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz
Communication System: CDMA1900 ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1908.75 MHz; σ = 1.58 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 1175/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.204 mW/g

High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.106 mW/g
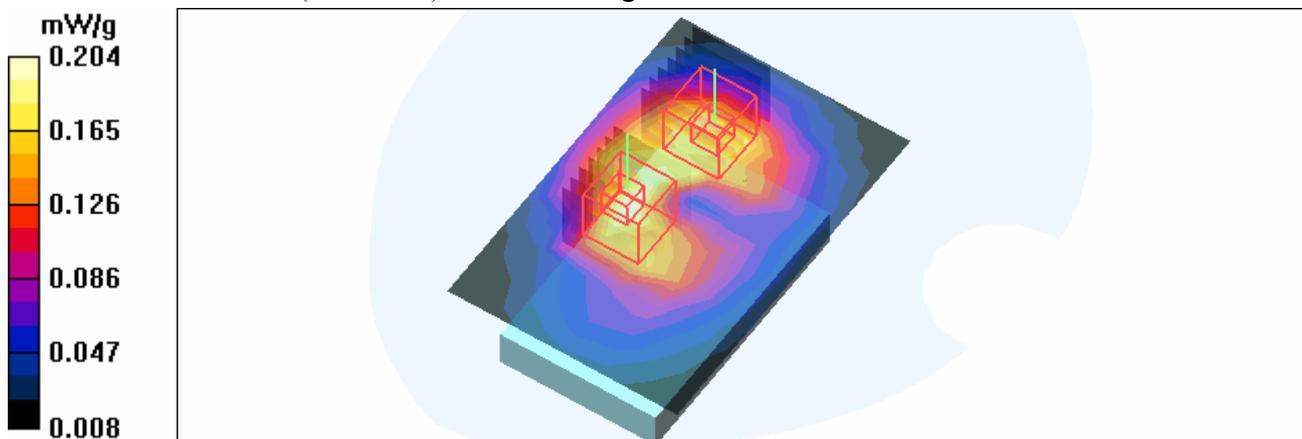Maximum value of SAR (measured) = 0.253 mW/g

High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.1 V/m
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.099 mW/g
Maximum value of SAR (measured) = 0.187 mW/g

Test Laboratory: Advance Data Technology

Body Worn-CDMA1900-Ch25-Mode 15

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.51 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The front side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.271 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.01 V/m

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.277 mW/g
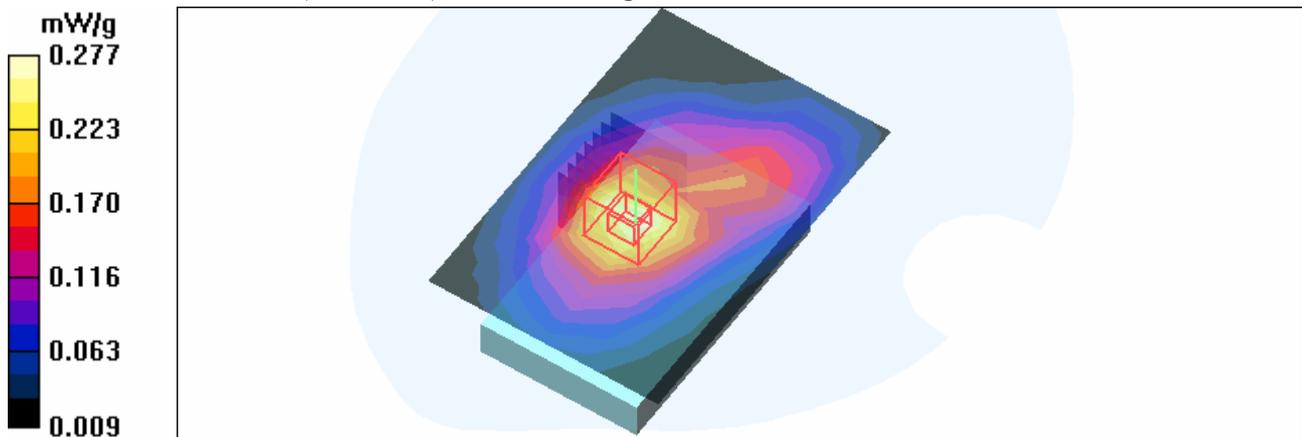
Test Laboratory: Advance Data Technology

Body Worn-1xEVDO1900-Ch25-Mode 16

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz

Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.51$ mho/m; $\varepsilon_r = 54.7$; $\rho = 1000$ kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.252 mW/g

**Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m

Peak SAR (extrapolated) = 0.463 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.132 mW/g
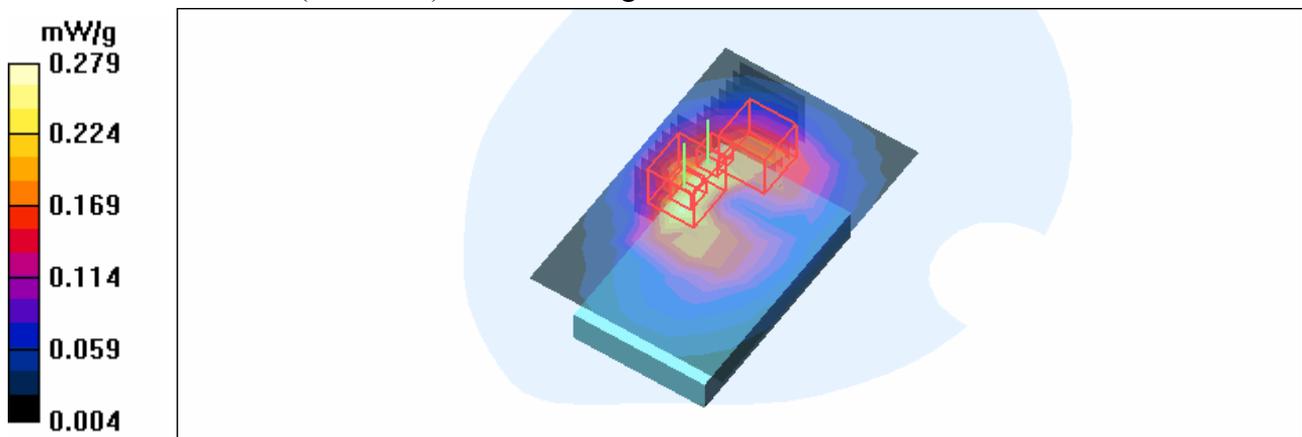
Maximum value of SAR (measured) = 0.279 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.107 mW/g

Maximum value of SAR (measured) = 0.209 mW/g

Test Laboratory: Advance Data Technology

Body Worn-1xEVDO1900-Ch600-Mode 16
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1880 MHz

Communication System: CDMA1900 ; Frequency: 1880 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.54 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 600/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 9.8 V/m

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.100 mW/g

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

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

Reference Value = 9.8 V/m

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.155 mW/g
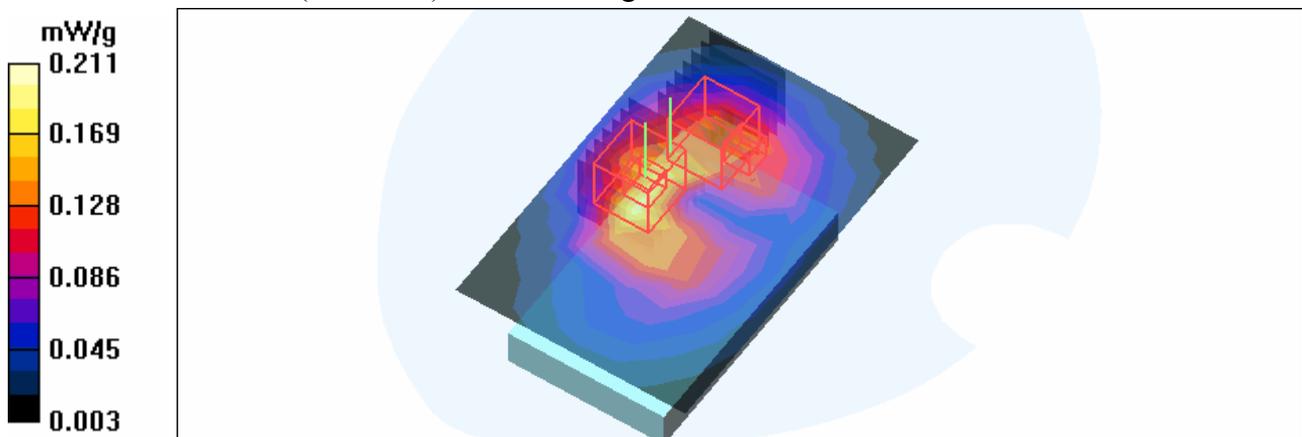
Test Laboratory: Advance Data Technology

Body Worn-1xEVDO1900-Ch1175-Mode 16

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1908.75 MHz

Communication System: CDMA1900 ; Frequency: 1908.75 MHz ; Duty Cycle: 1:1

Medium: MSL1900 Medium parameters used: f = 1908.75 MHz; σ = 1.58 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 1175/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.204 mW/g

High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.0 V/m

Peak SAR (extrapolated) = 0.506 W/kg

SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.101 mW/g
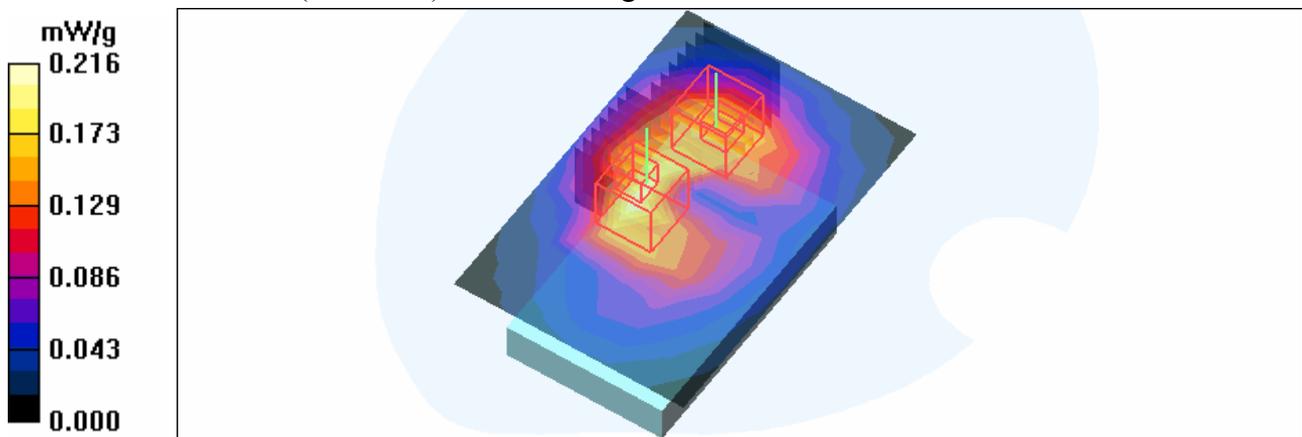
Maximum value of SAR (measured) = 0.216 mW/g

High Channel 1175/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.0 V/m

Peak SAR (extrapolated) = 0.248 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.100 mW/g

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

Test Laboratory: Advance Data Technology

Body Worn-1xEVDO1900-Ch25-Mode 17
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHz
Communication System: CDMA1900 ; Frequency: 1851.25 MHz ; Duty Cycle: 1:1
Medium: MSL1900 Medium parameters used: f = 1851.25 MHz; σ = 1.51 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: HPSK
Separation Distance : 17 mm (The front side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.270 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.91 V/m
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.152 mW/g
Maximum value of SAR (measured) = 0.264 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.91 V/m
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.095 mW/g
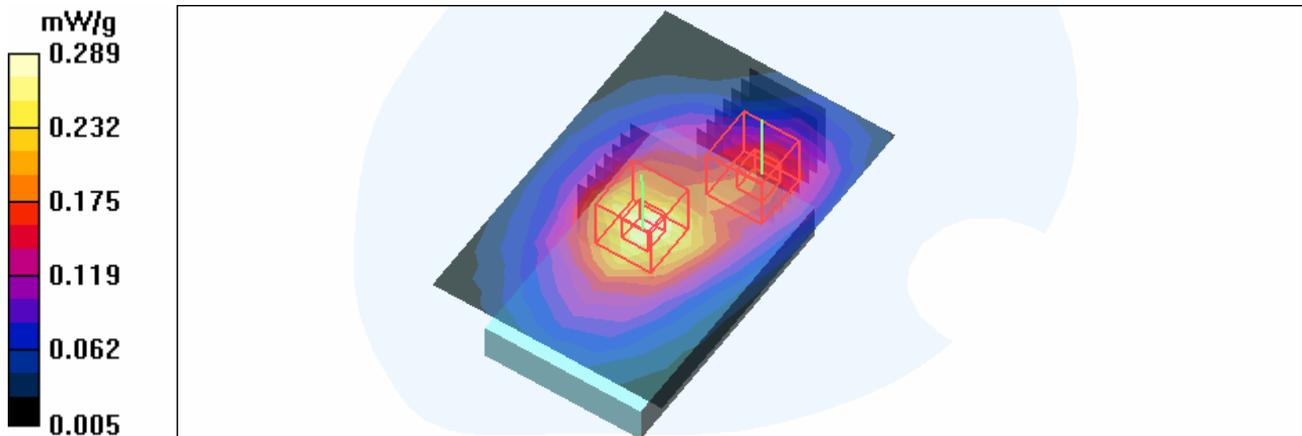Maximum value of SAR (measured) = 0.177 mW/g

Test Laboratory: Advance Data Technology

Left Head- Cheek –BT-Ch0-Mode 18

DUT: Pocket PC Phone ; Type: VOGU100 ; 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; $\varepsilon_r = 40.1$; $\rho = 1000$ kg/m^3 ;
Liquid level: 154 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 0/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.003 mW/g

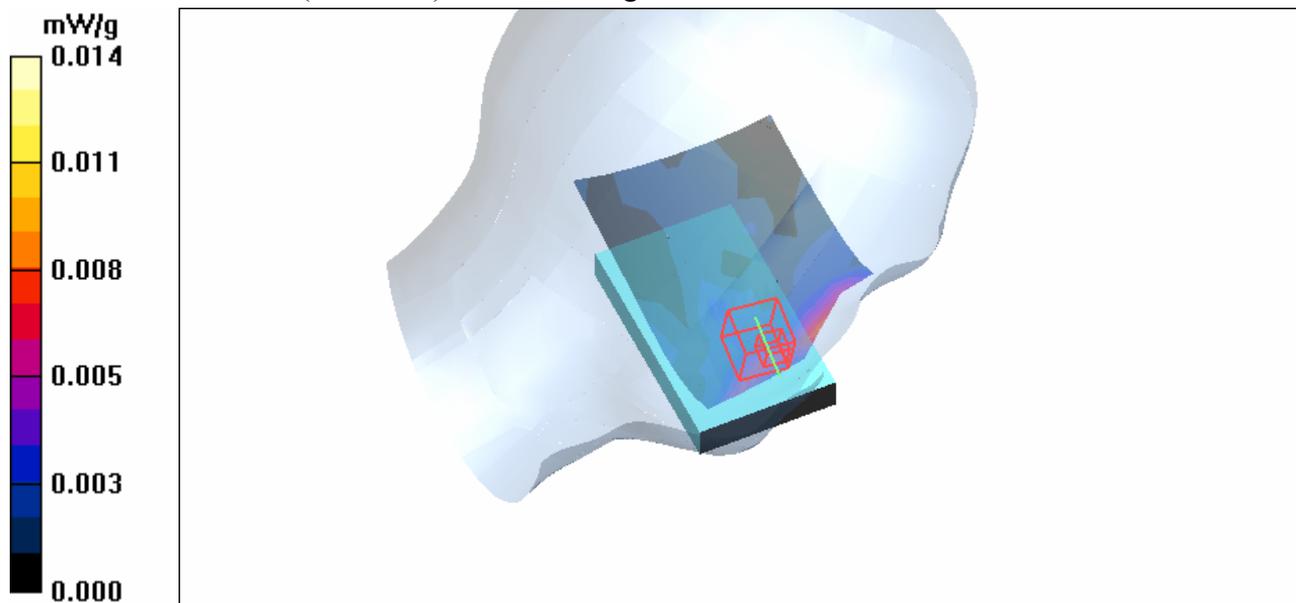**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.358 V/m
Peak SAR (extrapolated) = 0.016 W/kg
SAR(1 g) = 0.000396 mW/g; SAR(10 g) =3.99e-005 mW/g
Maximum value of SAR (measured) = 0.014 mW/g

Test Laboratory: Advance Data Technology

Left Head- Cheek –BT-Ch39-Mode 18

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2441 MHz

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

Medium: HSL2450 Medium parameters used: f = 2441 MHz; σ = 1.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3 ;

Liquid level: 154 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

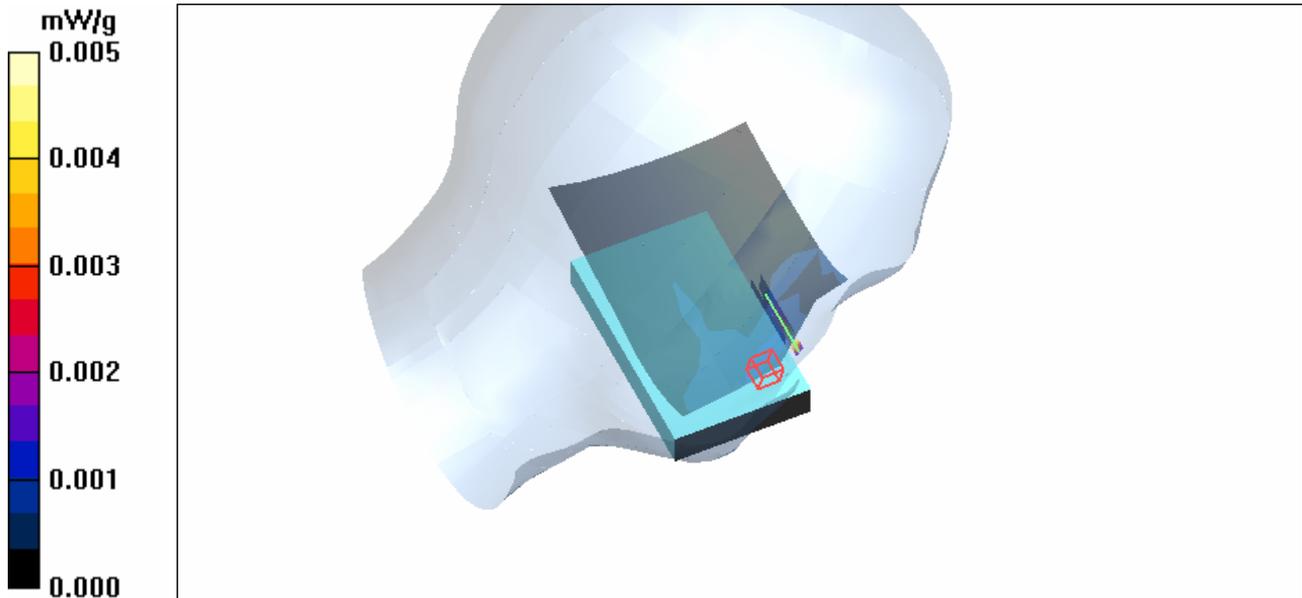**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.468 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000496 mW/g; SAR(10 g) = 5.89e-005 mW/g

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

Test Laboratory: Advance Data Technology

Left Head- Cheek –BT-Ch78-Mode 18
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2480 MHz
Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.9 mho/m; ε_r = 39.7; ρ = 1000 kg/m^3 ;
Liquid level: 154 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GFSK
Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - High Channel 78/Area Scan (7x10x1): Measurement grid: dx=15mm,
dy=15mm
Maximum value of SAR (measured) = 0.003 mW/g

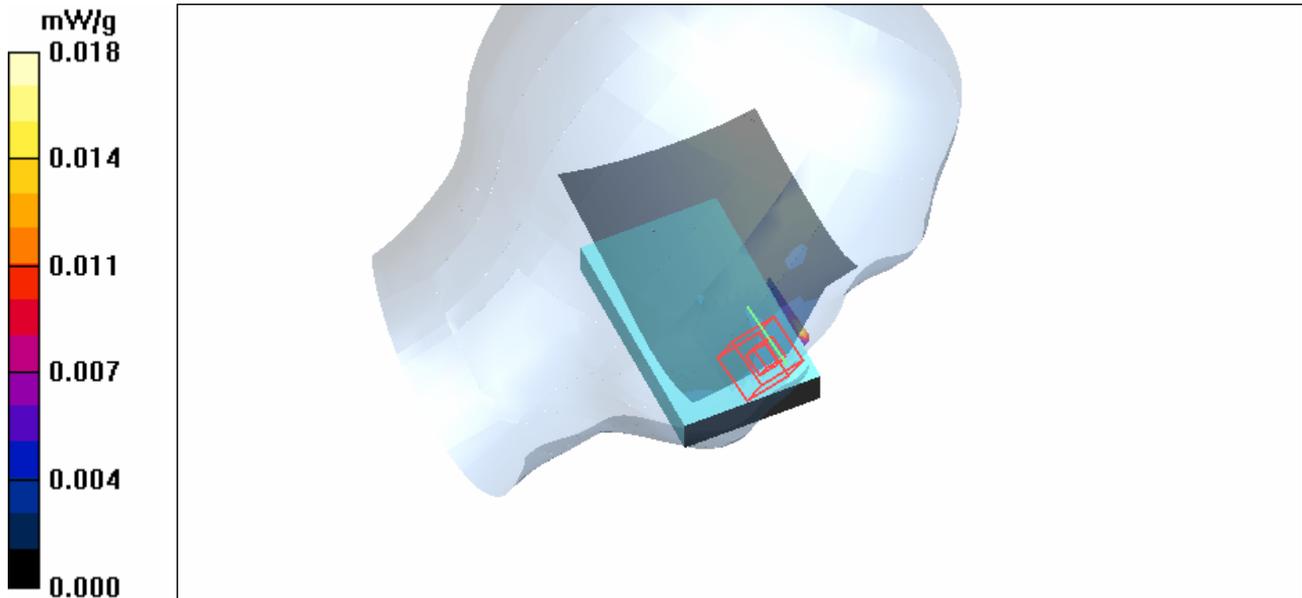**Touch position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid:
dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.454 V/m
Peak SAR (extrapolated) = 0.018 W/kg
SAR(1 g) = 0.000273 mW/g; SAR(10 g) = 3.59e-005 mW/g
Maximum value of SAR (measured) = 0.018 mW/g

Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-BT-Ch0-Mode 19

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2402 MHz

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

Medium: MSL2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.88$ mho/m; $\varepsilon_r = 53.7$; $\rho = 1000$ kg/m^3 ; Liquid Level : 151 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.1 degrees ; Liquid Temp. : 21.8 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 0/Area Scan (7x10x1): 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 = 0.384 V/m

Peak SAR (extrapolated) = 0.001 W/kg

SAR(1 g) = 1.57e-005 mW/g; SAR(10 g) = 1.97e-006 mW/g

Maximum value of SAR (measured) = 0.002 mW/g
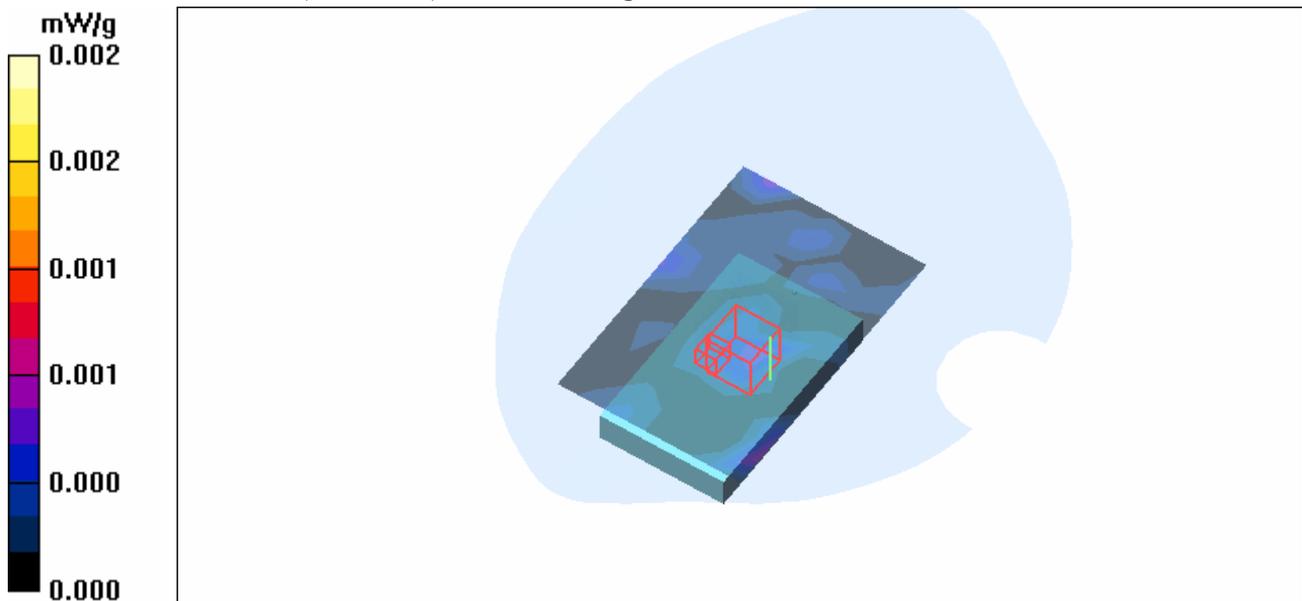
Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-BT-Ch39-Mode 19
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2441 MHz
Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.93$ mho/m; $\varepsilon_r = 53.5$; $\rho = 1000$ kg/m^3 ; Liquid Level : 151 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.1 degrees ; Liquid Temp. : 21.8 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 39/Area Scan (7x10x1): 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 = 0.321 V/m
Peak SAR (extrapolated) = 0.003 W/kg
SAR(1 g) = 2.15e-005 mW/g; SAR(10 g) = 5.65e-006 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Test Laboratory: Advance Data Technology

Body Worn-Keypad Down-BT-Ch78-Mode 19
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 2480 MHz
Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1
Medium: MSL2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.98$ mho/m; $\varepsilon_r = 53.3$; $\rho = 1000$ kg/m^3 ; Liquid Level : 151 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GFSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.1 degrees ; Liquid Temp. : 21.8 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 78/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
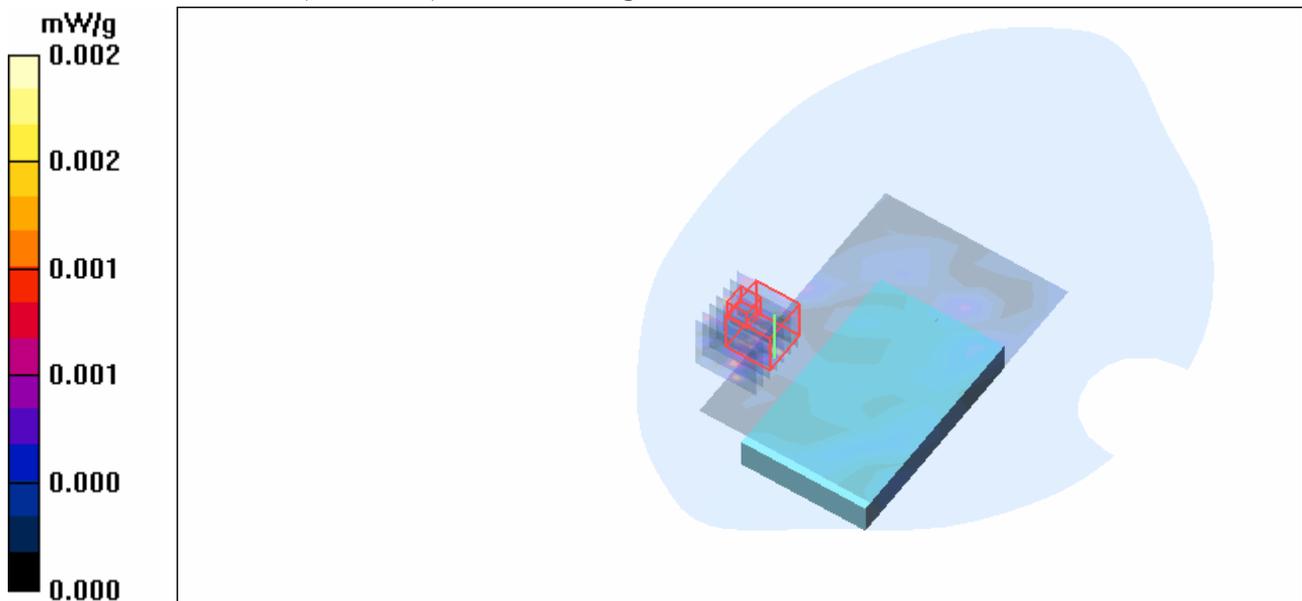Maximum value of SAR (measured) = 0.001 mW/g

High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.021 V/m
Peak SAR (extrapolated) = 0.001 W/kg
SAR(1 g) = 3.41e-006 mW/g; SAR(10 g) = 6.63e-007 mW/g
Maximum value of SAR (measured) = 0.002 mW/g

Test Laboratory: Advance Data Technology

Co-located-Left Head-Cheek-CDMA850 Ch1013+BT Ch39-Mode 20

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHzFrequency: 2402 MHz

Communication System: CDMACommunication System: Bluetooth ; Frequency: 824.7 MHzFrequency: 2402 MHz ; Duty Cycle: 1:1

Medium: HSL835Medium: HSL2450 Medium parameters used: f = 824.7 MHz; σ = 0.91 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3 Medium parameters used: f = 2441 MHz; σ = 1.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3 ; Liquid level: 151 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.6 degrees ; Liquid temp. : 22.5 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.827 mW/g

Touch position - Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.4 V/m

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.511 mW/g

Maximum value of SAR (measured) = 0.849 mW/g

Touch position - Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

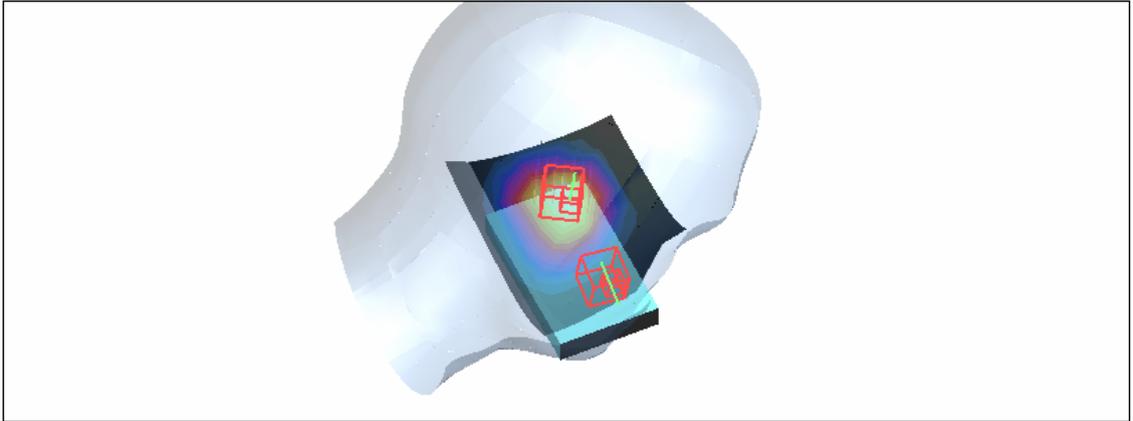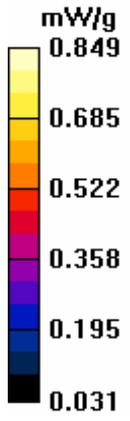**Touch position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.468 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000496 mW/g; SAR(10 g) = 5.89e-005 mW/g

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

Test Laboratory: Advance Data Technology

Co-located-Left Head-Cheek-CDMA1900 Ch25+BT Ch39-Mode 21

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHzFrequency: 2441 MHz

Communication System: CDMA1900Communication System: Bluetooth ; Frequency: 1851.25 MHzFrequency: 2441 MHz ; Duty Cycle: 1:1

Medium: HSL1900Medium: HSL2450 Medium parameters used: f = 1851.25 MHz; σ = 1.39 mho/m; ε_r = 41.5; ρ = 1000 kg/m^3 Medium parameters used: f = 2441 MHz; σ = 1.85 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3 ; Liquid level: 150 mm

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

Antenna type : Internal Antenna ; Air temp. : 23.3 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch position - Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

Touch position - Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.0 V/m

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.575 mW/g

Maximum value of SAR (measured) = 1.23 mW/g

Touch position - Low Channel 0/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

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

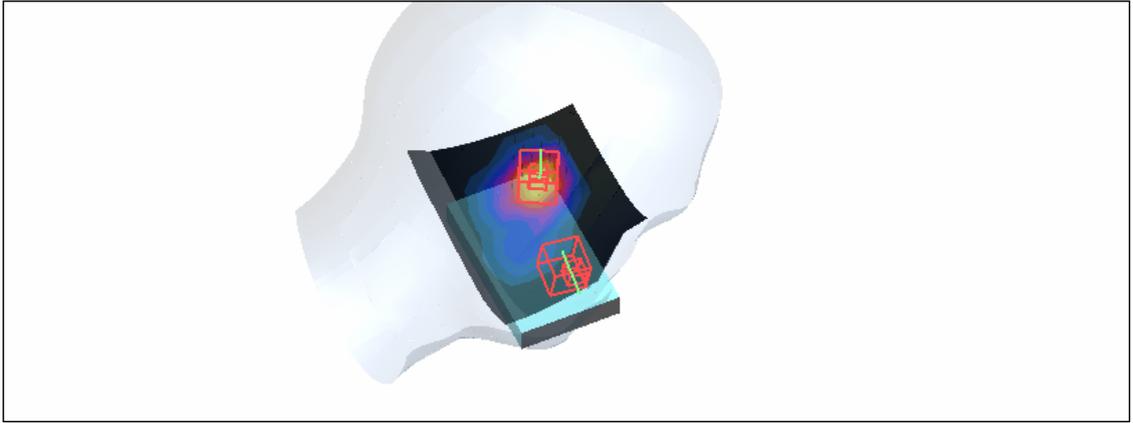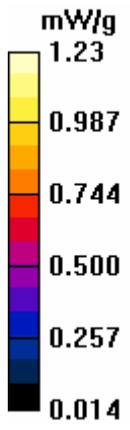**Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.468 V/m

Peak SAR (extrapolated) = 0.007 W/kg

SAR(1 g) = 0.000496 mW/g; SAR(10 g) = 5.89e-005 mW/g

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

Test Laboratory: Advance Data Technology

Co-located-Body Worn-CDMA850 Ch1013+BT Ch39-Mode 22
DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 824.7 MHzFrequency: 2441 MHz
Communication System: CDMACommunication System: Bluetooth ; Frequency: 824.7 MHzFrequency: 2441 MHz ; Duty Cycle: 1:1
Medium: MSL835Medium: MSL2450 Medium parameters used: f = 824.7 MHz; σ = 0.98 mho/m; ε$_r$ = 56.8; ρ = 1000 kg/m^3 Medium parameters used: f = 2441 MHz; σ = 1.93 mho/m; ε$_r$ = 53.5; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: OQPSK
Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1013/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.241 mW/g

Low Channel 1013/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.0 V/m
Peak SAR (extrapolated) = 0.322 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.248 mW/g

Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
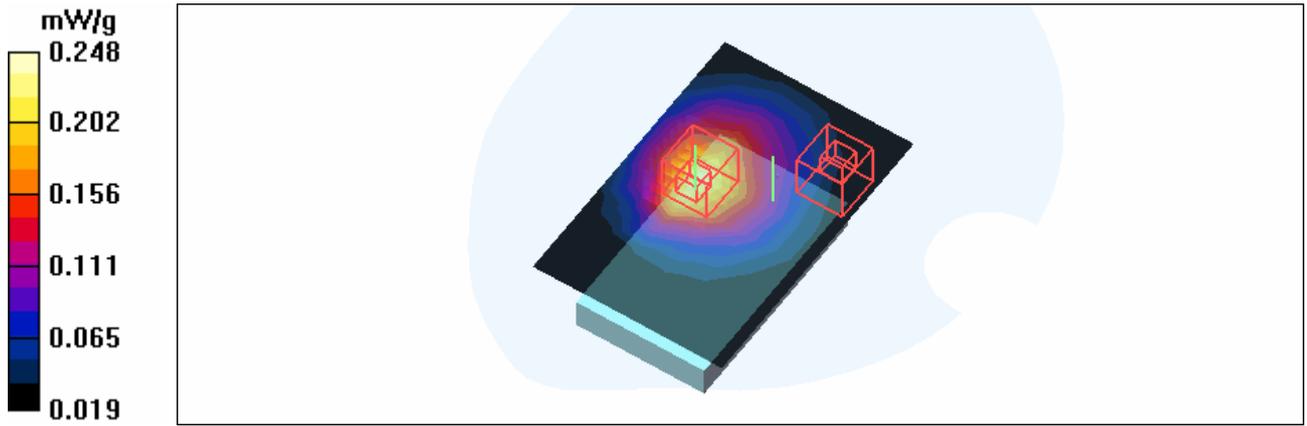Maximum value of SAR (measured) = 0.001 mW/g

Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.321 V/m
Peak SAR (extrapolated) = 0.003 W/kg
SAR(1 g) = 2.15e-005 mW/g; SAR(10 g) = 5.65e-006 mW/g
Maximum value of SAR (measured) = 0.003 mW/g

Test Laboratory: Advance Data Technology

Co-located-Body Worn-CDMA1900 Ch25+BT Ch39-Mode 23

DUT: Pocket PC Phone ; Type: VOGU100 ; Test Frequency: 1851.25 MHzFrequency: 2441 MHz

Communication System: CDMA1900Communication System: Bluetooth ; Frequency: 1851.25 MHzFrequency: 2441 MHz ; Duty Cycle: 1:1

Medium: MSL1900Medium: MSL2450 Medium parameters used: f = 1851.25 MHz; σ = 1.51 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3 Medium parameters used: f = 2441 MHz; σ = 1.93 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3 ; Liquid Level : 150 mm

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

Separation Distance : 17 mm (The bottom side of the EUT to the Phantom)

Antenna Type : Internal Antenna ; Air Temp. : 23.4 degrees ; Liquid Temp. : 22.1 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 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 25/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.269 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.321 mW/g

Low Channel 25/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.1 V/m

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.205 mW/g

Mid Channel 39/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
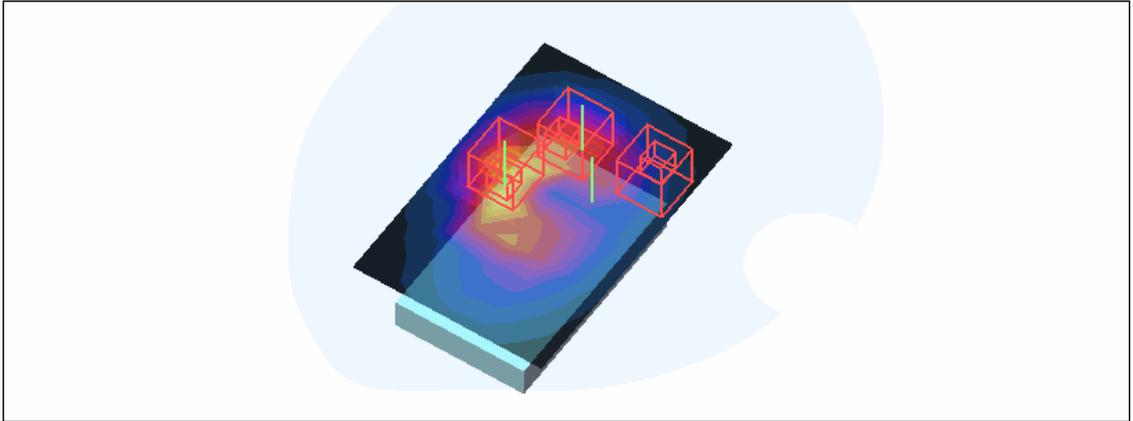
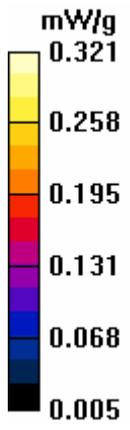Maximum value of SAR (measured) = 0.001 mW/g

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

Reference Value = 0.321 V/m

Peak SAR (extrapolated) = 0.003 W/kg

SAR(1 g) = 2.15e-005 mW/g; SAR(10 g) = 5.65e-006 mW/g

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

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 MHz; σ = 0.92 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3 ;
Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 15 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(6.71, 6.71, 6.71) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
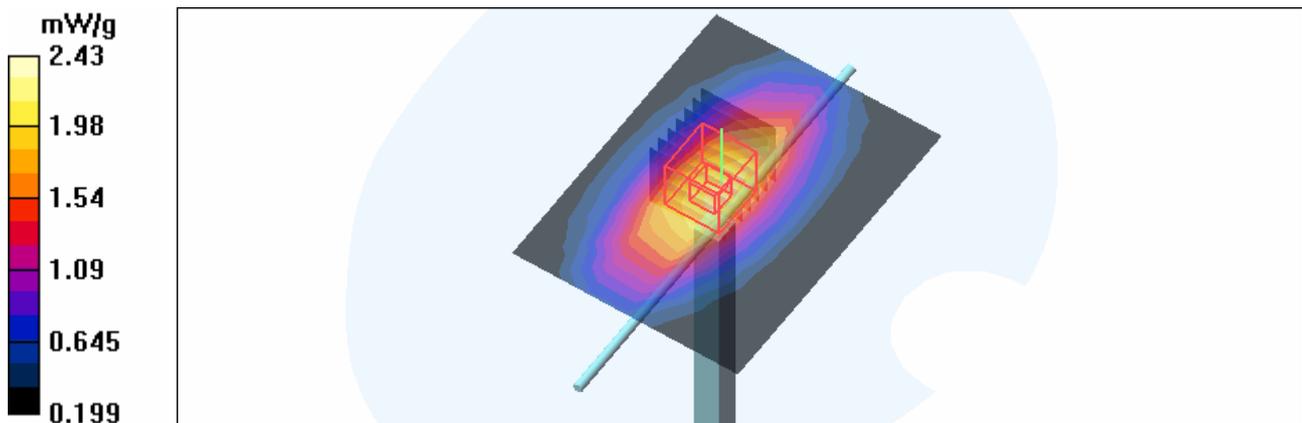Maximum value of SAR (measured) = 2.28 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 53.1 V/m; Power Drift = -0.094 dB
Peak SAR (extrapolated) = 3.43 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.45 mW/g
Maximum value of SAR (measured) = 2.43 mW/g

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 MHz; σ = 0.99 mho/m; ε_r = 56.7; ρ = 1000 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. : 23.3 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 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
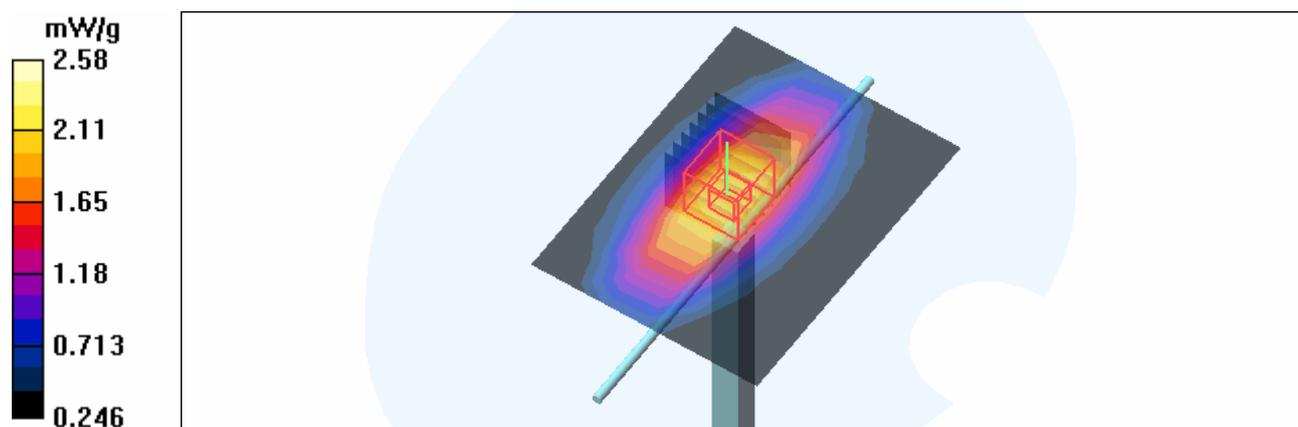Maximum value of SAR (measured) = 2.27 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 50.4 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 3.09 W/kg
SAR(1 g) = 2.37 mW/g; SAR(10 g) = 1.55 mW/g
Maximum value of SAR (measured) = 2.58 mW/g

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 MHz; σ = 1.44 mho/m; ε_r = 41.4; ρ = 1000 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. : 23.8 degrees ; Liquid temp. : 22.3 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
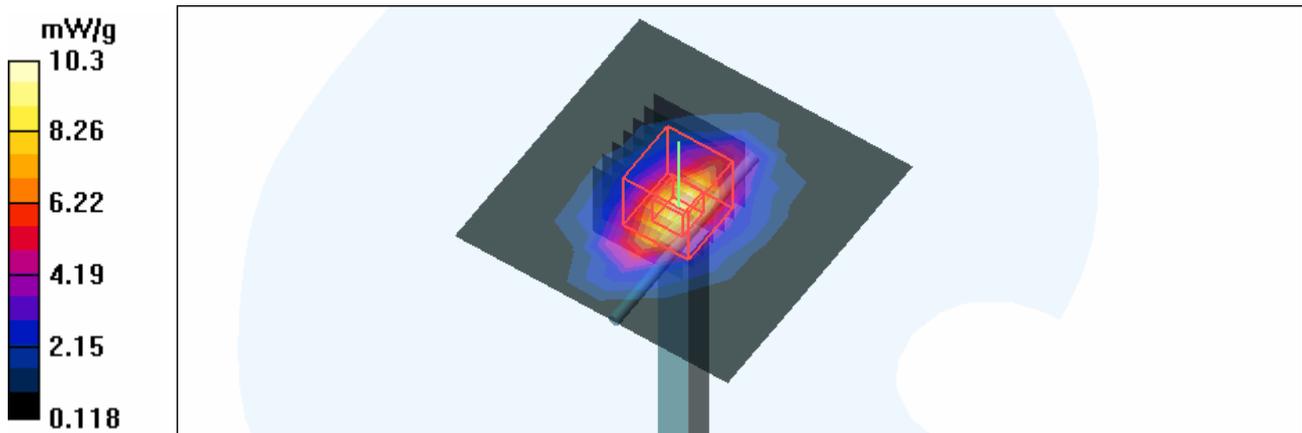Maximum value of SAR (measured) = 10.2 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,
dy=5mm, dz=5mm
Reference Value = 88.9 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.09 mW/g; SAR(10 g) = 4.73 mW/g
aximum value of SAR (measured) = 10.3 mW/g

Test Laboratory: Advance Data Technology

System Validation Check-MSL 1900MHz
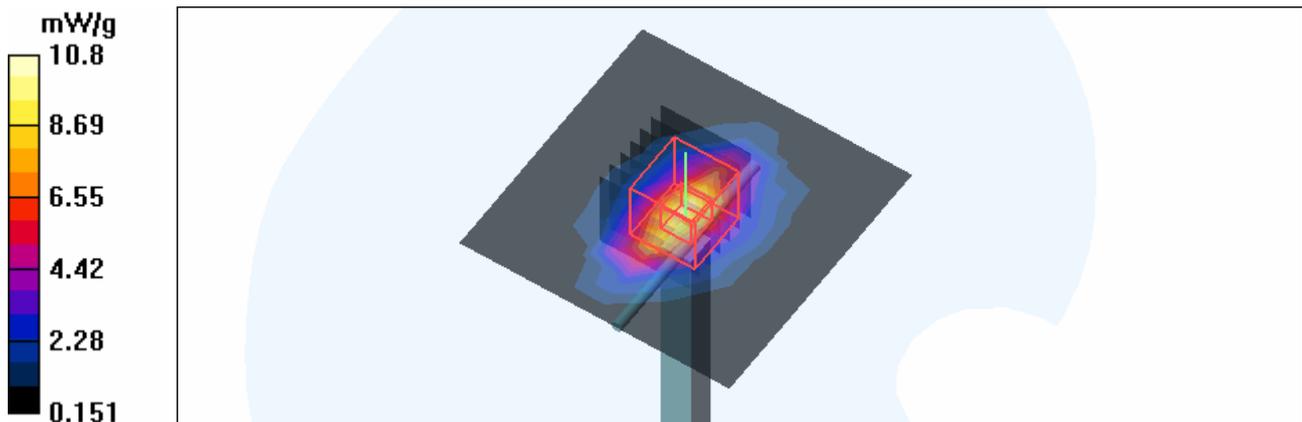**DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d036 ; Test Frequency: 1900 MHz**

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL1900;Medium parameters used: f = 1900 MHz; σ = 1.57 mho/m; ε_r = 54.5; ρ = 1000 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. : 23.4 degrees ; Liquid temp. : 22.1 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 10.6 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.1 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.51 mW/g; SAR(10 g) = 5.02 mW/g
Maximum value of SAR (measured) = 10.8 mW/g

Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz
DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; 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; σ = 1.86 mho/m; ε_r = 39.9; ρ = 1000 kg/m^3 ;
Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the
Phantom)Air temp. : 23.2 degrees ; Liquid temp. : 22.1 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 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
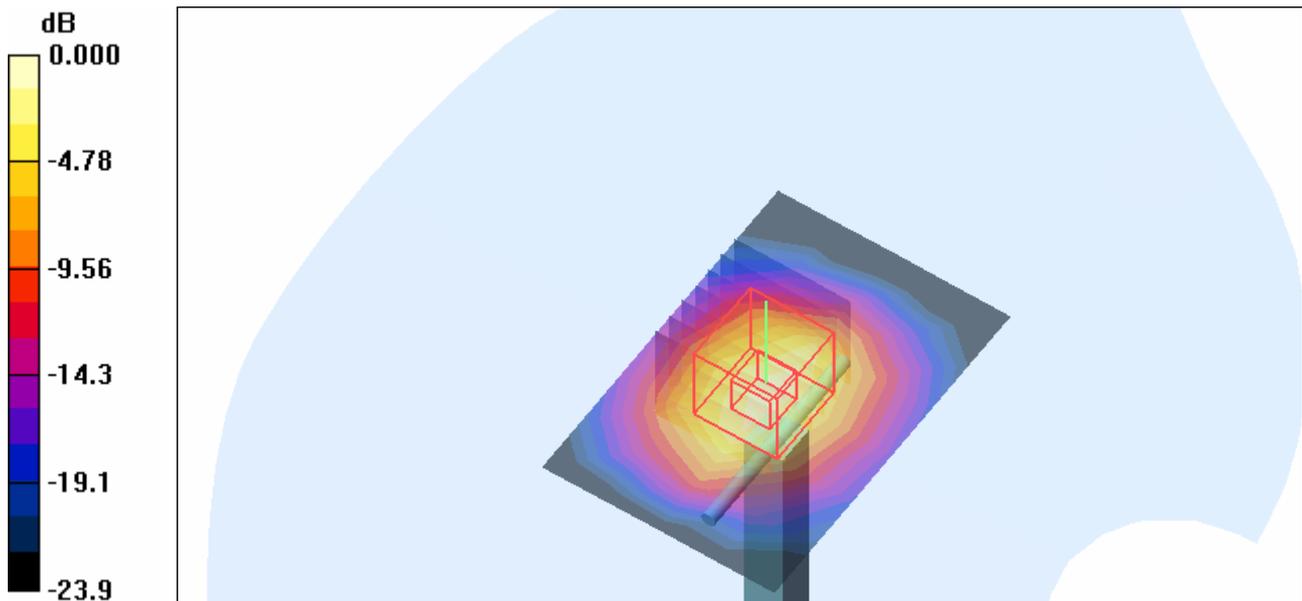Maximum value of SAR (measured) = 15.3 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.6 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 30.7 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.1 mW/g
Maximum value of SAR (measured) = 14.6 mW/g

Test Laboratory: Advance Data Technology

System Validation Check-MSL 2450MHz
DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; 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; σ = 1.94 mho/m; ε_r = 53.5; ρ = 1000 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. : 23.1 degrees ; Liquid temp. : 21.8 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 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 14.2 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 88.4 V/m; Power Drift = -0.103 dB
Peak SAR (extrapolated) = 29.8 W/kg
SAR(1 g) = 12.8 mW/g; SAR(10 g) = 5.83 mW/g
Maximum value of SAR (measured) = 14.1 mW/g