Date/Time: 2007/4/11 21:19:44

Test Laboratory: Advance Data Technology

Left Head-Tilt-BT-Ch0-Mode 61

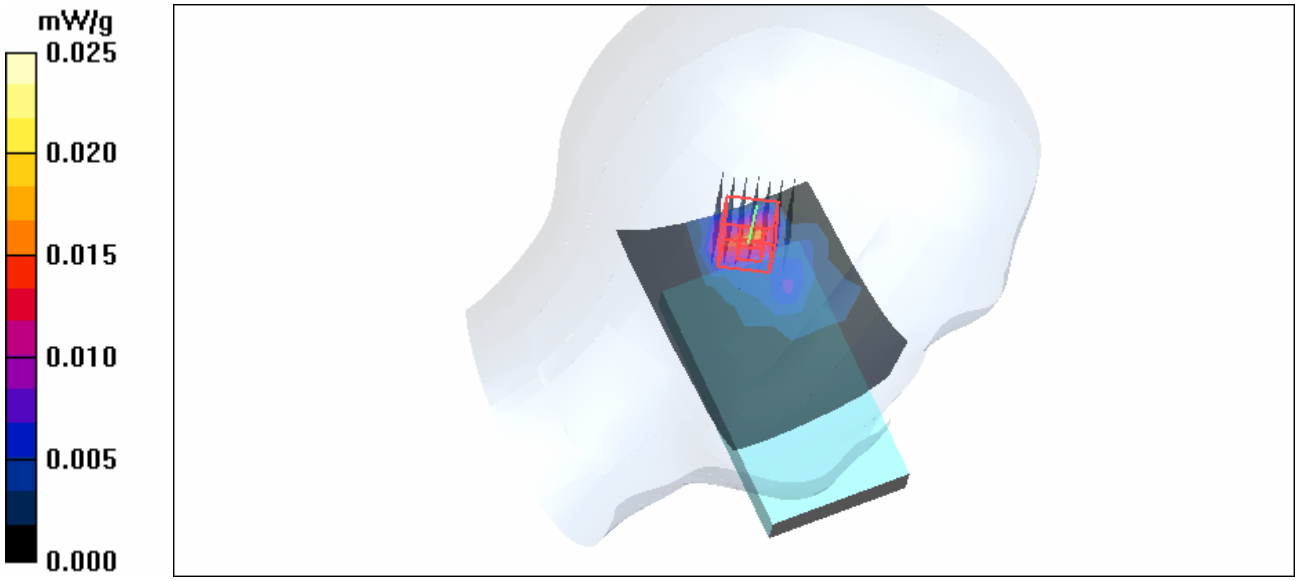
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2402 MHz

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2402 MHz; σ = 1.79 mho/m; ε_r = 40; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK
Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 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

Tilt position - Low Channel 0/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.016 mW/g

Tilt position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.72 V/m
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00819 mW/g
Maximum value of SAR (measured) = 0.024 mW/g



Date/Time: 2007/4/11 21:38:49

Test Laboratory: Advance Data Technology

Left Head-Tilt-BT-Ch39-Mode 61

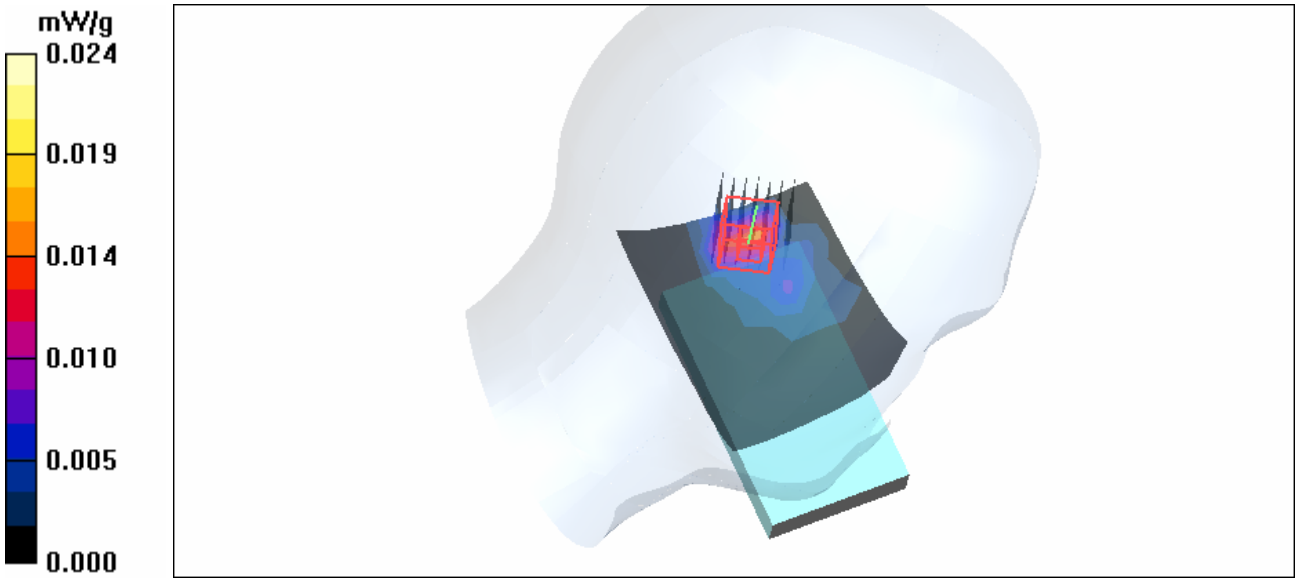
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2441 MHz

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2441 MHz; σ = 1.83 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK
Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 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

Tilt position - Mid Channel 39/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.017 mW/g

Tilt position - Mid Channel 39/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.78 V/m
Peak SAR (extrapolated) = 0.068 W/kg
SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00786 mW/g
Maximum value of SAR (measured) = 0.025 mW/g



Date/Time: 2007/4/11 21:55:59

Test Laboratory: Advance Data Technology

Left Head-Tilt-BT-Ch78-Mode 61

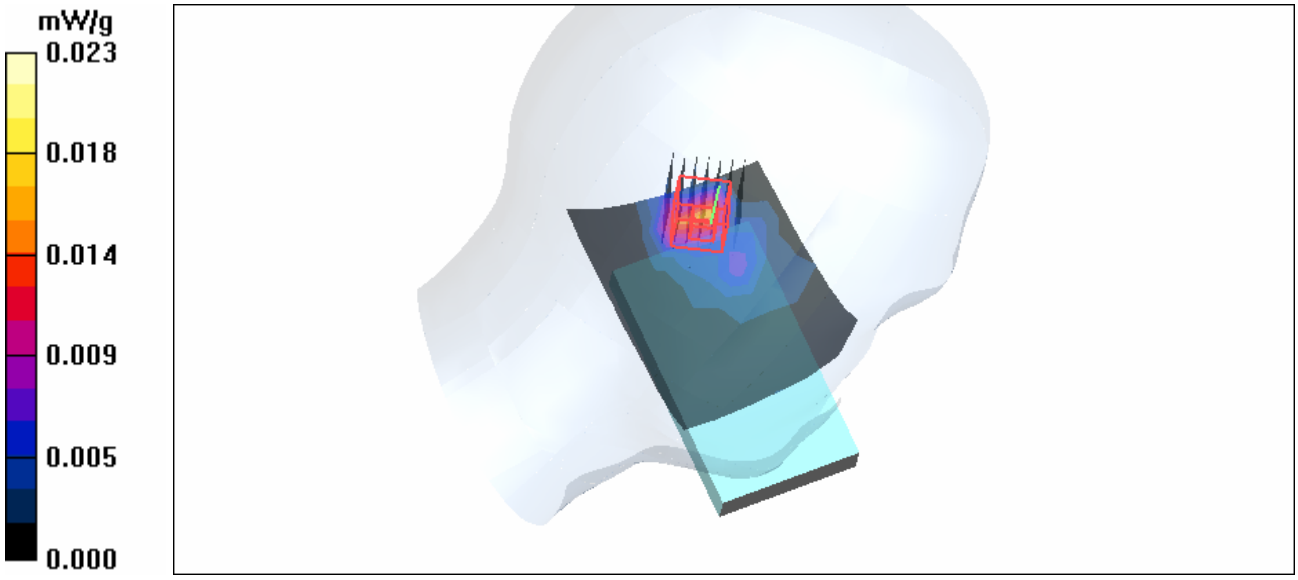
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2480 MHz

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1
Medium: HSL2450 Medium parameters used: f = 2480 MHz; σ = 1.87 mho/m; ε_r = 39.5; ρ = 1000 kg/m^3 ;
Liquid level: 151 mm
Phantom section: Left Section ; DUT test position : Tilt ; Modulation type: GFSK
Antenna type : Internal Antenna ; Air temp. : 22.4 degrees ; Liquid temp. : 21.2 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

Tilt position - High Channel 78/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.015 mW/g

Tilt position - High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.74 V/m
Peak SAR (extrapolated) = 0.065 W/kg
SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00743 mW/g
Maximum value of SAR (measured) = 0.023 mW/g



Date/Time: 2007/4/10 15:49:31

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-BT-Ch0-Mode 62

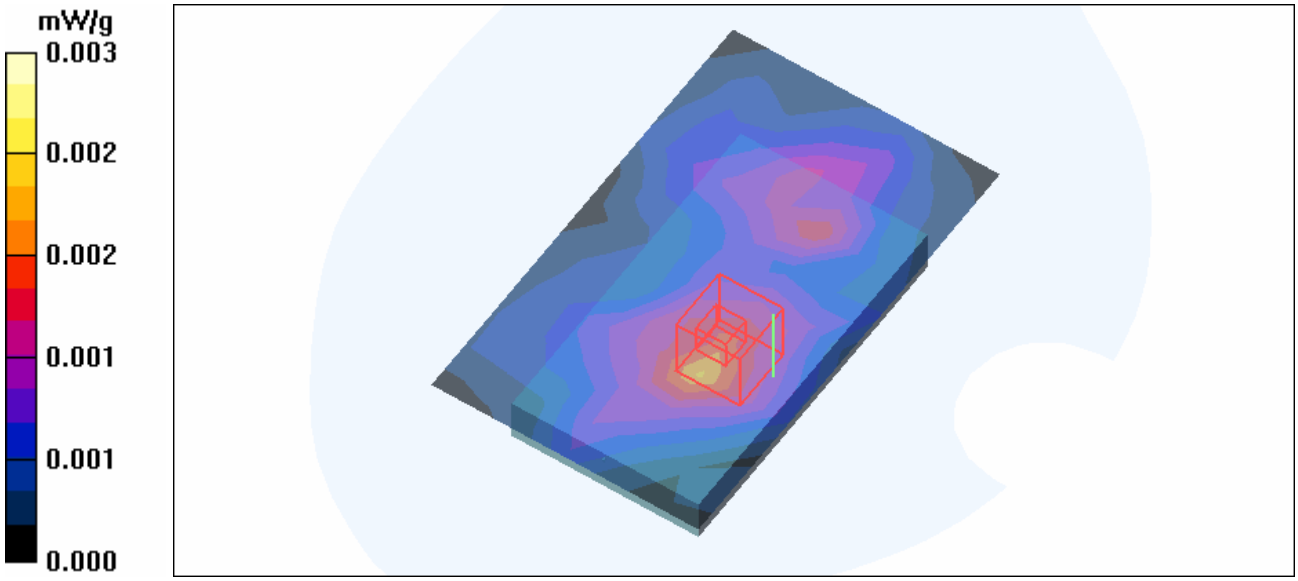
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2402 MHz

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3 ; Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 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 (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.002 mW/g

Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.730 V/m
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000538 mW/g
Maximum value of SAR (measured) = 0.003 mW/g



Date/Time: 2007/4/10 16:11:04

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-BT-Ch39-Mode 62

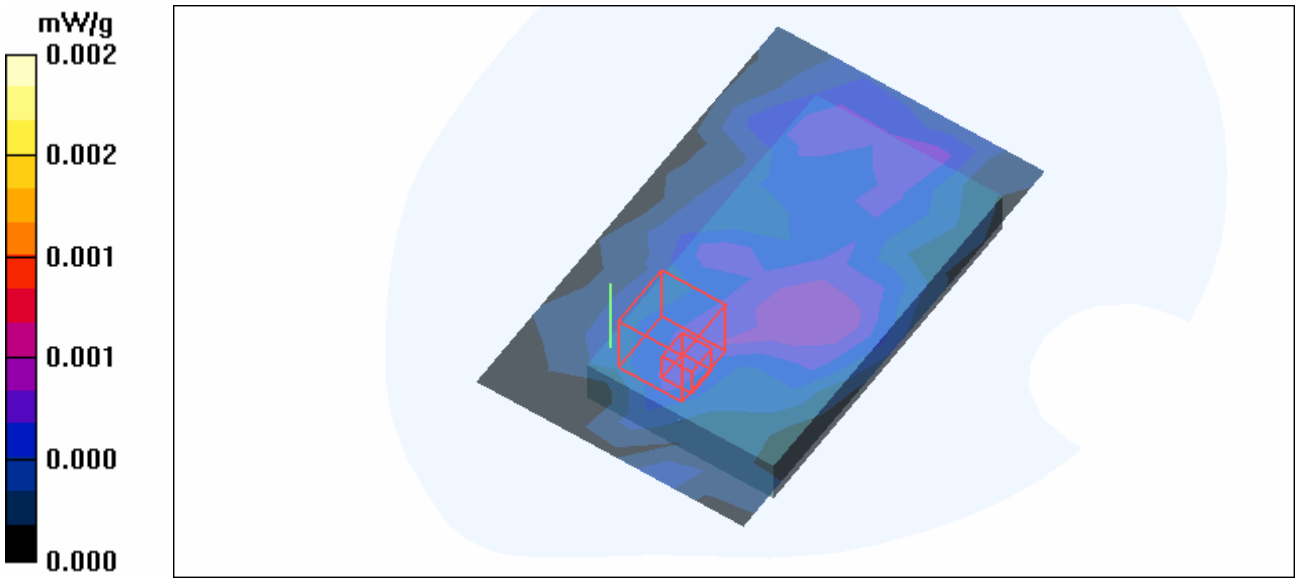
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2441 MHz

Communication System: Bluetooth ; Frequency: 2441 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2441 MHz; σ = 1.97 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ; Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 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 (7x11x1): 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 = 0.765 V/m
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00144 mW/g; SAR(10 g) = 0.00029 mW/g
Maximum value of SAR (measured) = 0.002 mW/g



Date/Time: 2007/4/10 16:44:32

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-BT-Ch78-Mode 62

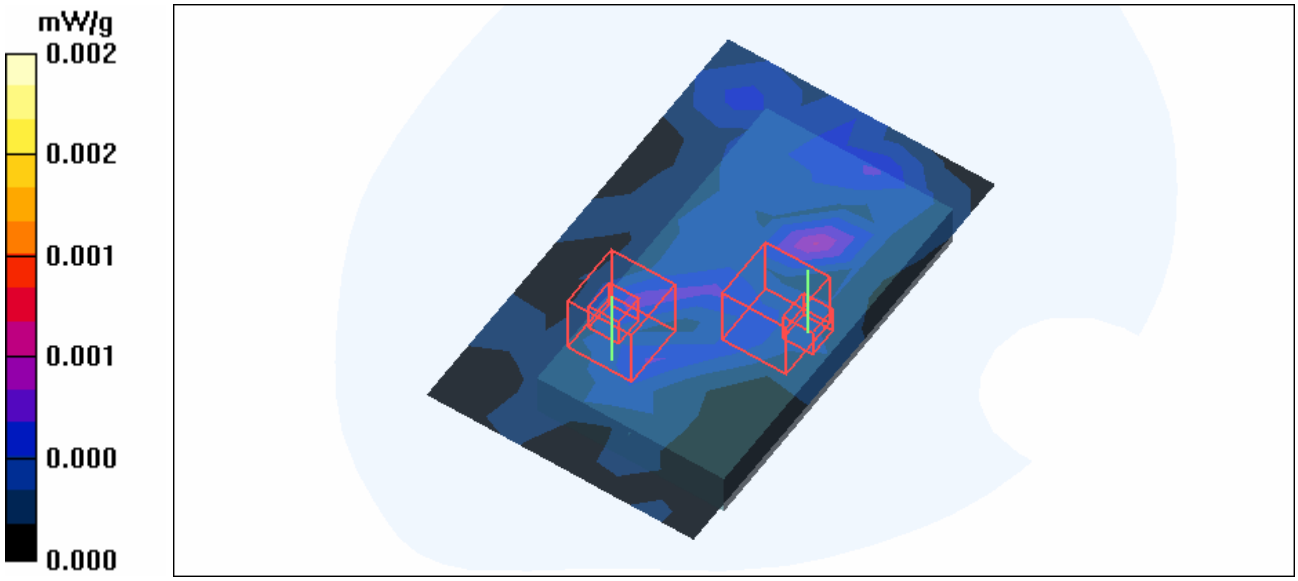
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2480 MHz

Communication System: Bluetooth ; Frequency: 2480 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2480 MHz; σ = 2.01 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 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 (7x11x1): 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 = 0.573 V/m
Peak SAR (extrapolated) = 0.010 W/kg
SAR(1 g) = 0.00126 mW/g; SAR(10 g) = 0.000227 mW/g
Maximum value of SAR (measured) = 0.002 mW/g

High Channel 78/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.573 V/m
Peak SAR (extrapolated) = 0.009 W/kg
SAR(1 g) = 0.000972 mW/g; SAR(10 g) = 0.000214 mW/g
Maximum value of SAR (measured) = 0.001 mW/g



Date/Time: 2007/4/10 17:08:58

Test Laboratory: Advance Data Technology

Body Worn-LCD Up-BT-Ch0-Mode 63

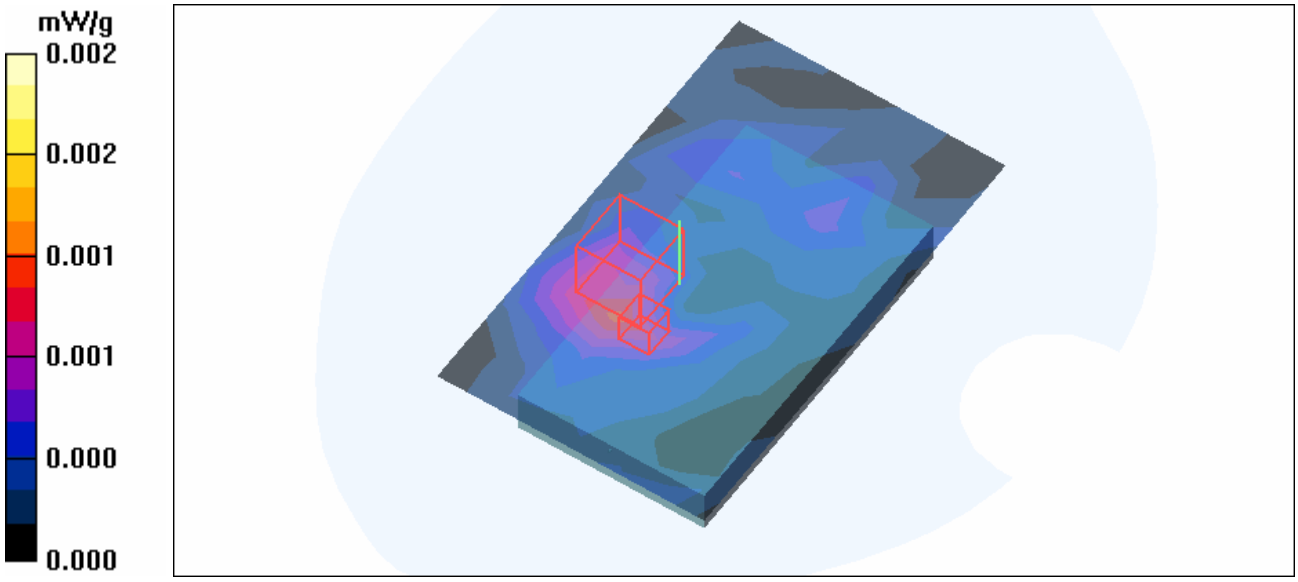
DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 2402 MHz

Communication System: Bluetooth ; Frequency: 2402 MHz ; Duty Cycle: 1:1 ; Modulation type: GFSK
Medium: MSL2450 Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3 ; Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 15 mm (The front side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 23.1 degrees ; Liquid temp. : 22.0 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 (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.002 mW/g

Low Channel 0 /Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.407 V/m
Peak SAR (extrapolated) = 0.003 W/kg
SAR(1 g) = 4.52e-005 mW/g; SAR(10 g) = 1.67e-005 mW/g
Maximum value of SAR (measured) = 0.001 mW/g



Date/Time: 2007/3/31 15:10:05

Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-Ch251+11b-Ch6-Mode 64

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHzFrequency: 2437 MHz

Communication System: PCS 850Communication System: 802.11b ; Frequency: 848.8 MHzFrequency: 2437 MHz ; Duty Cycle: 1:8.3Duty Cycle: 1:1
Medium: HSL835Medium: HSL2450 Medium parameters used: f = 848.8 MHz; σ = 0.93 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3 ; Liquid level: 150 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GMSK
Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

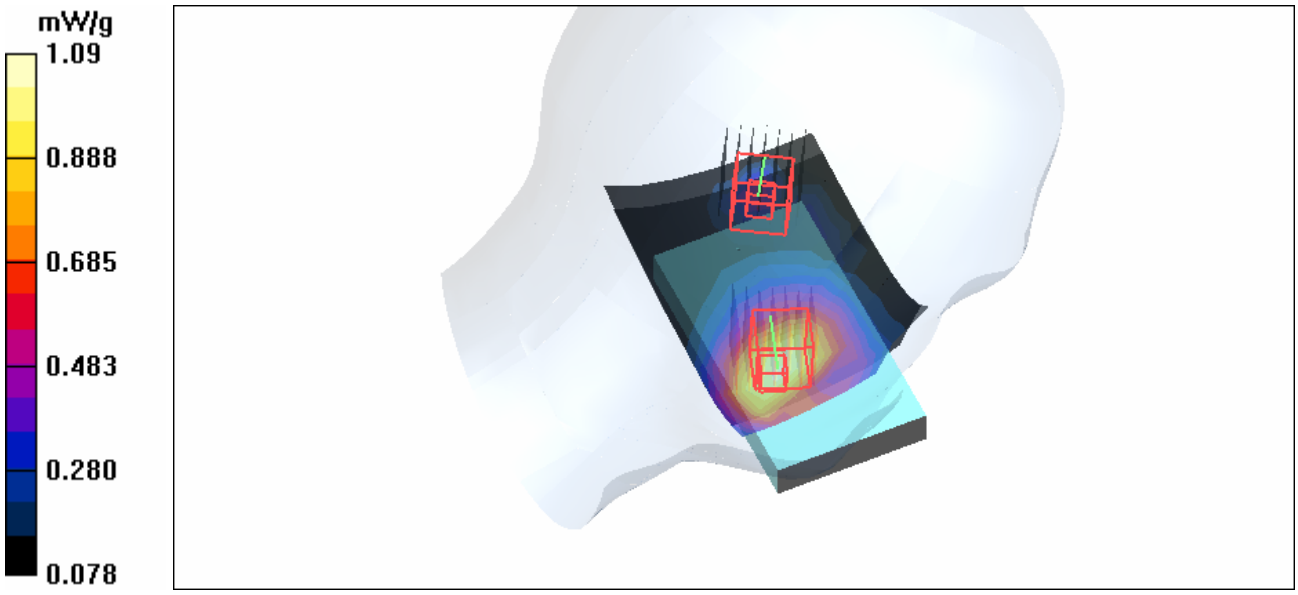
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7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

Touch position - High Channel 251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 mW/g

Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.33 V/m
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.681 mW/g
Maximum value of SAR (measured) = 1.09 mW/g

Touch position - Mid Channel 6/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.396 mW/g

Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.532 mW/g


mW/g
1.09
0.888
0.685
0.483
0.280
0.078

Date/Time: 2007/4/2 14:35:18

Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-Ch661+11b-Ch6-Mode 65

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHzFrequency: 2437 MHz

Communication System: PCS 1900Communication System: 802.11b ; Frequency: 1880 MHzFrequency: 2437 MHz ; Duty Cycle: 1:8.3Duty Cycle: 1:1
Medium: HSL1900Medium: HSL2450 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GMSK
Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 - Mid Channel 661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.805 mW/g

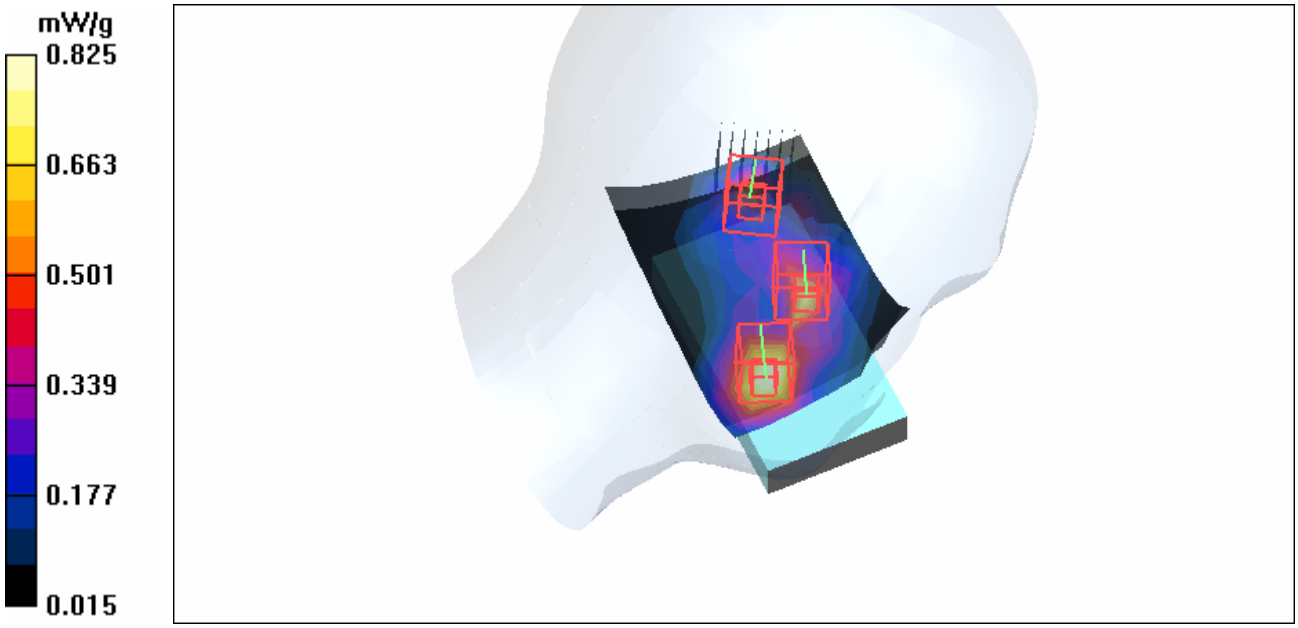
Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.825 mW/g

Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.609 mW/g

Touch position - Mid Channel 6/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.396 mW/g

Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m
Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.532 mW/g



Date/Time: 2007/3/31 18:40:44

Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA850-Ch4132+11b-Ch6-Mode 66

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHzFrequency: 2437 MHz

Communication System: WCDMACommunication System: 802.11b ; Frequency: 826.4 MHzFrequency: 2437 MHz ; Duty Cycle: 1:1
Medium: HSL835Medium: HSL2450 Medium parameters used : f = 826.4 MHz; σ = 0.9 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3 ; Liquid level: 150 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK
Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

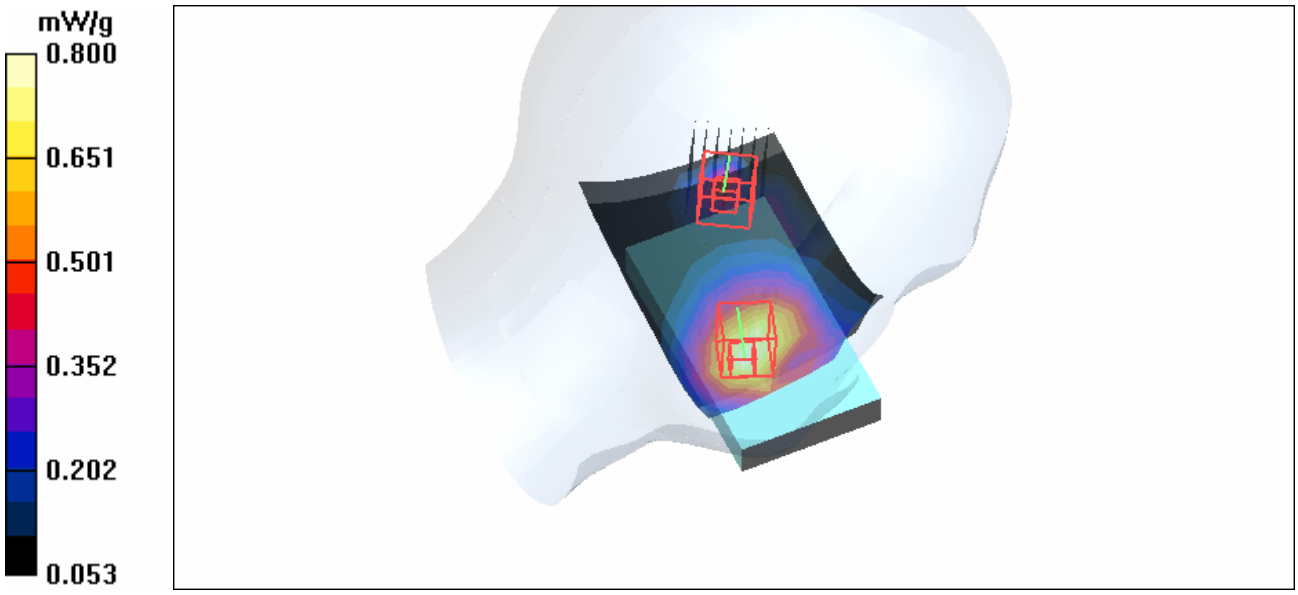
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7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

Touch position - Low Channel 4132/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.800 mW/g

Touch position - Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.93 V/m
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.484 mW/g

Touch position - Mid Channel 6/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.396 mW/g

Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.532 mW/g


mW/g
0.800
0.651
0.501
0.352
0.202
0.053

Date/Time: 2007/4/2 19:51:11

Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA1900-Ch9400+11b-Ch6-Mode 67

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHzFrequency: 2437 MHz

Communication System: WCDMA1900Communication System: 802.11b ; Frequency: 1880 MHzFrequency: 2437 MHz ; Duty Cycle: 1:1
Medium: HSL1900Medium: HSL2450 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.83 mho/m; ε_r = 39.8; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK
Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 degrees

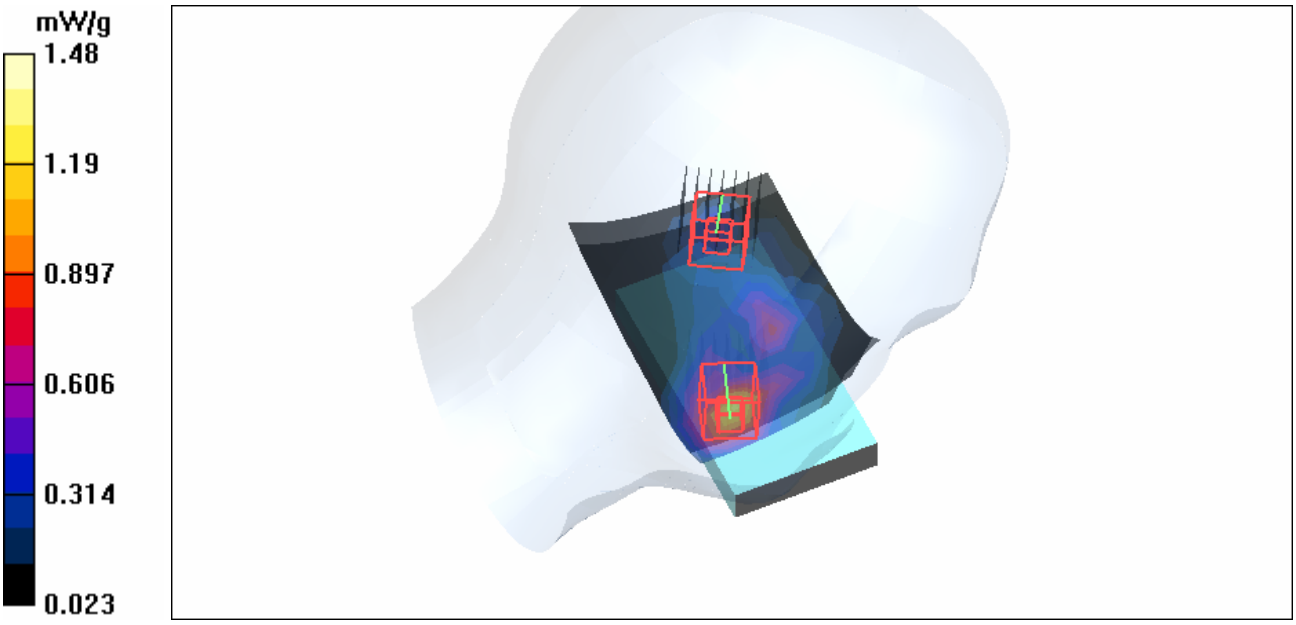
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7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

Touch position - Mid Channel 9400/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.26 mW/g

Touch position - Mid Channel 9400/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.3 V/m
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

Touch position - Mid Channel 6/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.396 mW/g

Touch position - Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.8 V/m
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.532 mW/g


mW/g
1.48
1.19
0.897
0.606
0.314
0.023

Date/Time: 2007/4/16 11:09:52

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS850 TS2-Ch251+11b-Ch6-Mode 68

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHzFrequency: 2437 MHz

Communication System: PCS 850Communication System: 802.11b ; Frequency: 848.8 MHzFrequency: 2412 MHz ; Duty Cycle: 1:4Duty Cycle: 1:1
Medium: MSL835Medium: MSL2450 Medium parameters used: f = 848.8 MHz; σ = 1 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ; Liquid Level : 155 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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

High Channel 251/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 mW/g

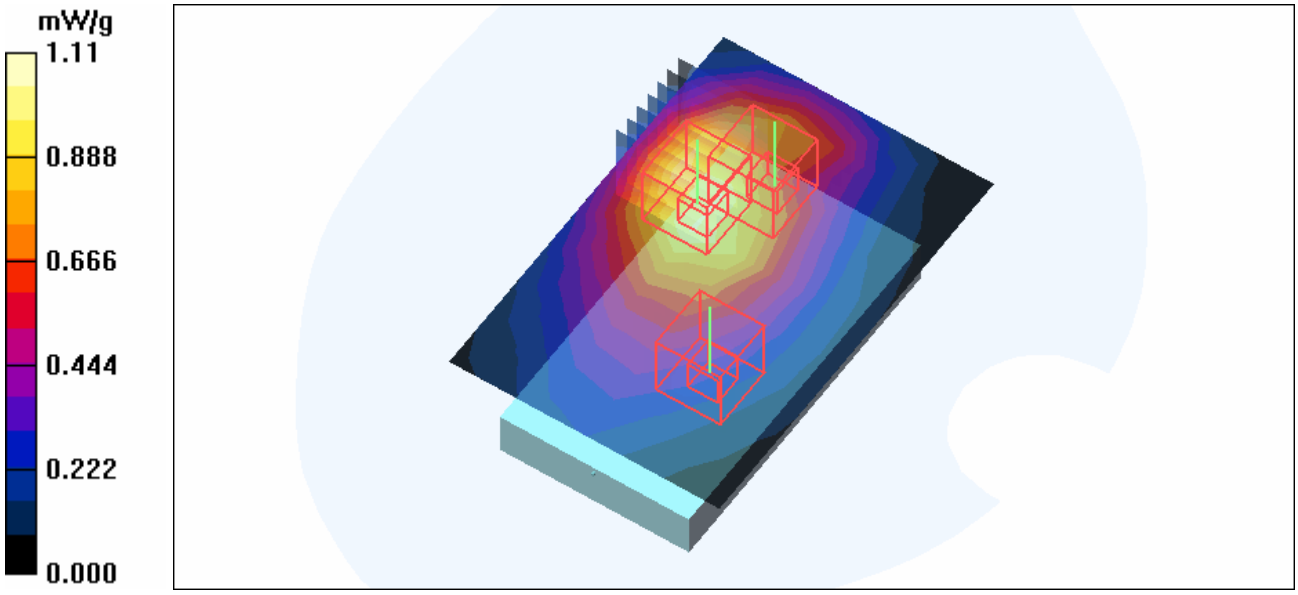
High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.6 V/m
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

Mid Channel 6/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.088 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



Date/Time: 2007/4/17 11:10:42

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS1900 TS2-Ch512+11b-Ch6-Mode 69

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHzFrequency: 2437 MHz

Communication System: PCS 1900Communication System: 802.11b ; Frequency: 1850.2 MHzFrequency: 2412 MHz ; Duty Cycle: 1:4Duty Cycle: 1:1
Medium: MSL1900Medium: MSL2450 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ; Liquid Level : 151 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.0 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 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.790 mW/g

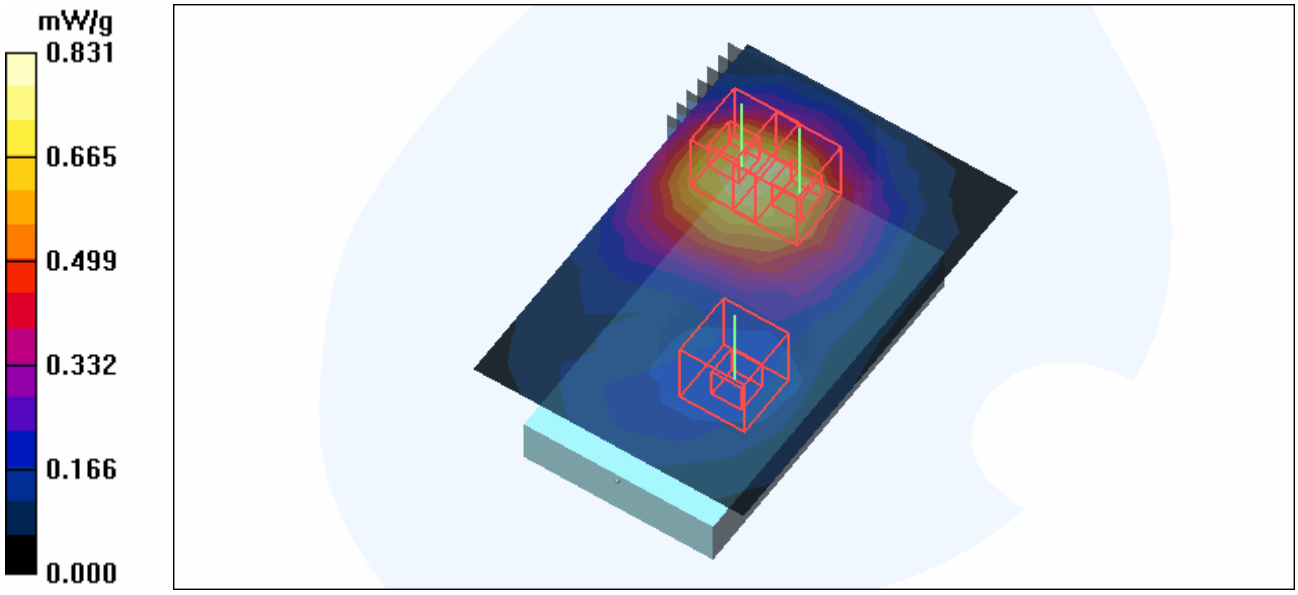
Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.1 V/m
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 0.831 mW/g

Mid Channel 6/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.088 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



Date/Time: 2007/4/16 14:50:03

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-WCDMA 850-Ch4132+11b-Ch6-Mode 70

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHzFrequency: 2437 MHz

Communication System: WCDMACommunication System: 802.11b ; Frequency: 826.4 MHzFrequency: 2412 MHz ; Duty Cycle: 1:1
Medium: MSL835Medium: MSL2450 Medium parameters used : f = 826.4 MHz; σ = 0.98 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ; Liquid Level : 155 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 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 4132/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.385 mW/g

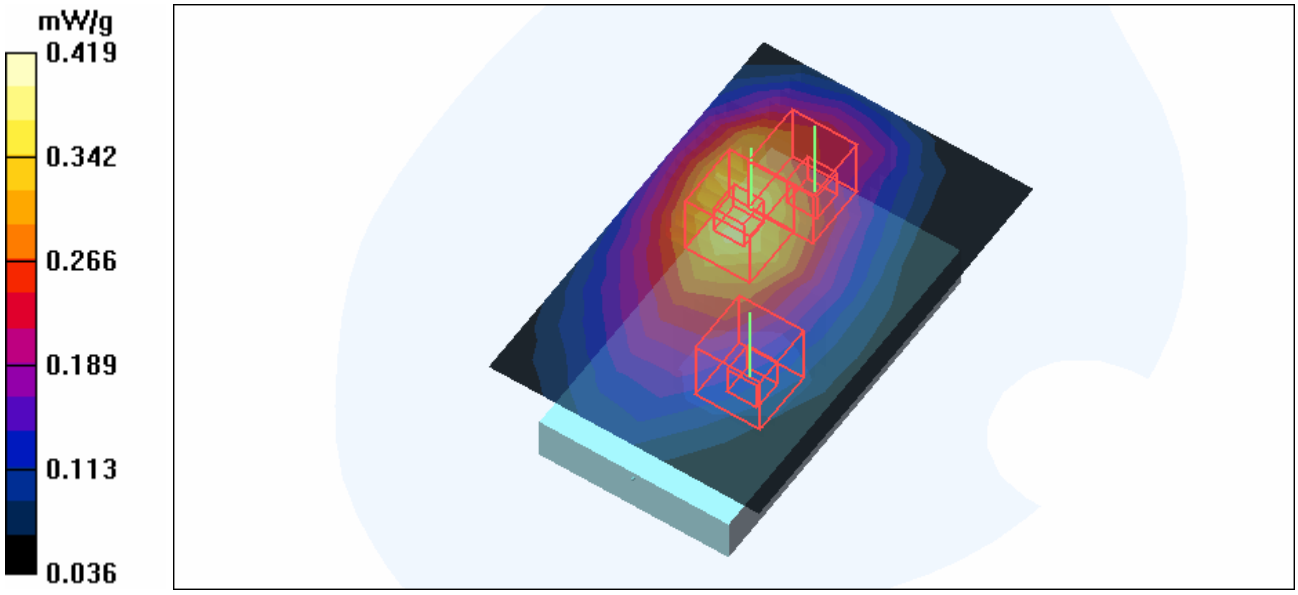
Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.7 V/m
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.419 mW/g

Mid Channel 6/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.088 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



Date/Time: 2007/4/17 17:55:30

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-WCDMA 1900-Ch9400+11b-Ch6-Mode 71

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHzFrequency: 2437 MHz

Communication System: WCDMA1900Communication System: 802.11b ; Frequency: 1880 MHzFrequency: 2412 MHz ; Duty Cycle: 1:1
Medium: MSL1900Medium: MSL2450 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3 Medium parameters used: f = 2437 MHz; σ = 1.96 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ; Liquid Level : 151 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.0 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

Mid Channel 9400/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 mW/g

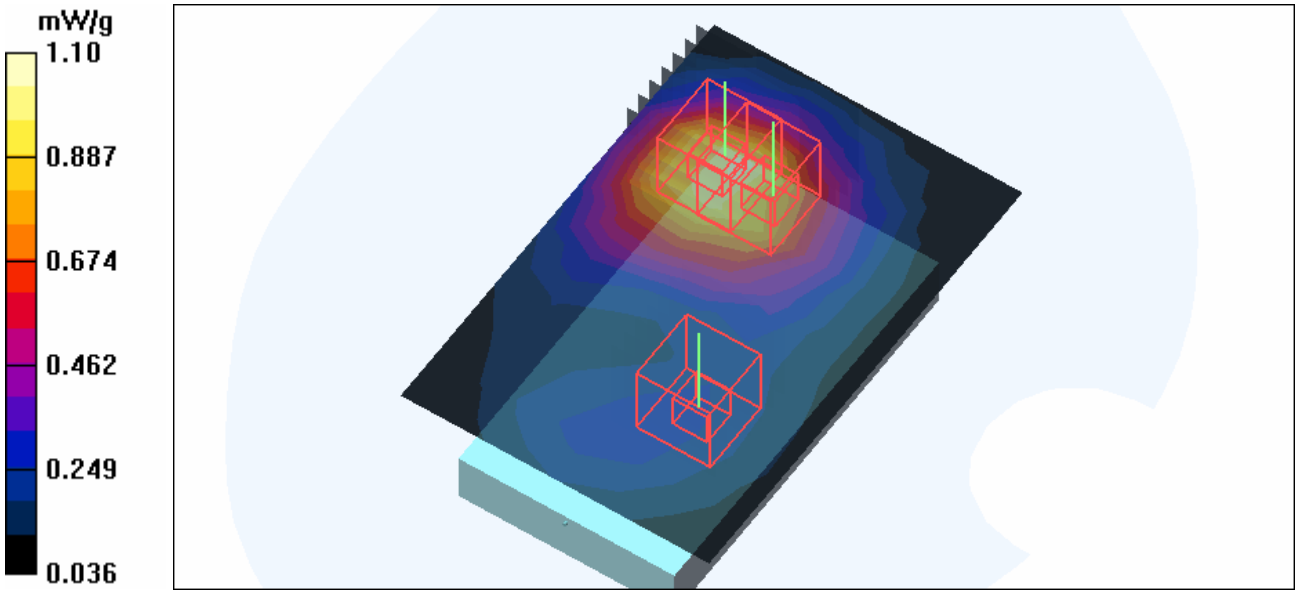
Mid Channel 9400/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.9 V/m
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

Mid Channel 6/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.088 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.183 W/kg
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.097 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.62 V/m
Peak SAR (extrapolated) = 0.115 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.060 mW/g



Date/Time: 2007/3/31 15:10:05

Test Laboratory: Advance Data Technology

Left Head-Cheek-GSM850-Ch251+BT-Ch0-Mode 72

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHzFrequency: 2402 MHz

Communication System: PCS 850Communication System: 802.11b ; Frequency: 848.8 MHzFrequency: 2437 MHz ; Duty Cycle: 1:8.3Duty Cycle: 1:1
Medium: HSL835Medium: HSL2450 Medium parameters used: f = 848.8 MHz; σ = 0.93 mho/m; ε_r = 41.8; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.79 mho/m; ε_r = 40; ρ = 1000 kg/m^3 ; Liquid level: 150 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GMSK
Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

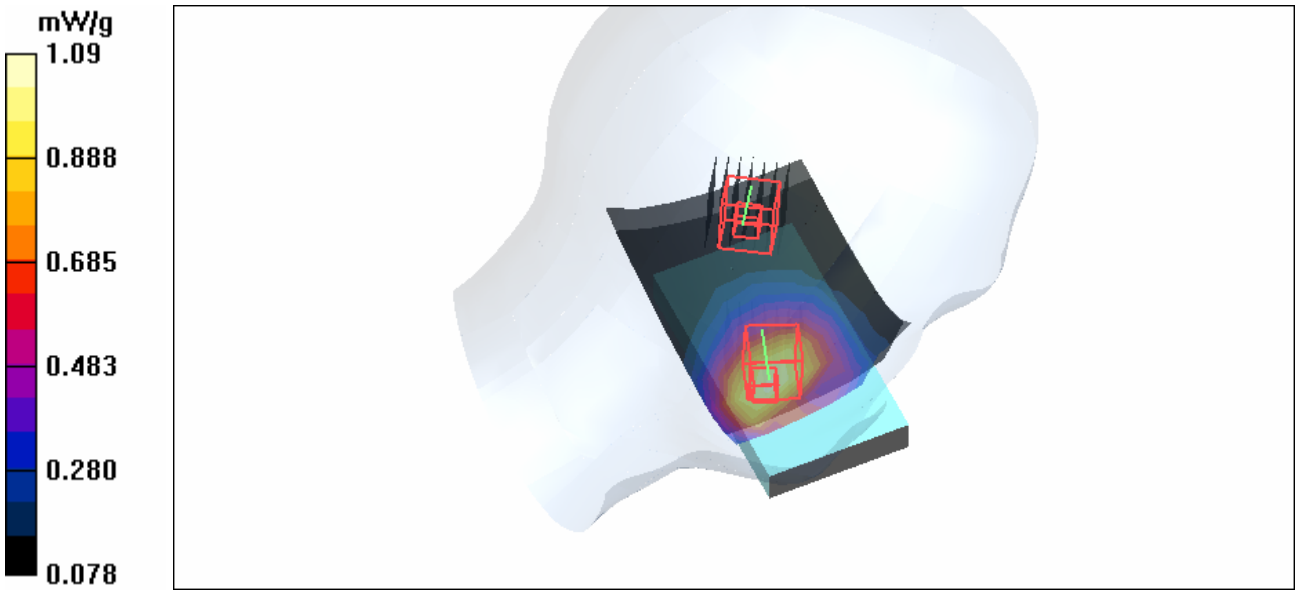
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7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

Touch position - High Channel 251/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 mW/g

Touch position - High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.33 V/m
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.681 mW/g
Maximum value of SAR (measured) = 1.09 mW/g

Touch position - Low Channel 0/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.010 mW/g

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.90 V/m
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00593 mW/g
Maximum value of SAR (measured) = 0.019 mW/g


mW/g
1.09
0.888
0.685
0.483
0.280
0.078

Date/Time: 2007/4/2 14:35:18

Test Laboratory: Advance Data Technology

Left Head-Cheek-PCS1900-Ch661+BT-Ch0-Mode 73

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHzFrequency: 2402 MHz

Communication System: PCS 1900Communication System: 802.11b ; Frequency: 1880 MHzFrequency: 2437 MHz ; Duty Cycle: 1:8.3Duty Cycle: 1:1
Medium: HSL1900Medium: HSL2450 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.79 mho/m; ε_r = 40; ρ = 1000 kg/m^3 ; Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: GMSK
Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 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 - Mid Channel 661/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.805 mW/g

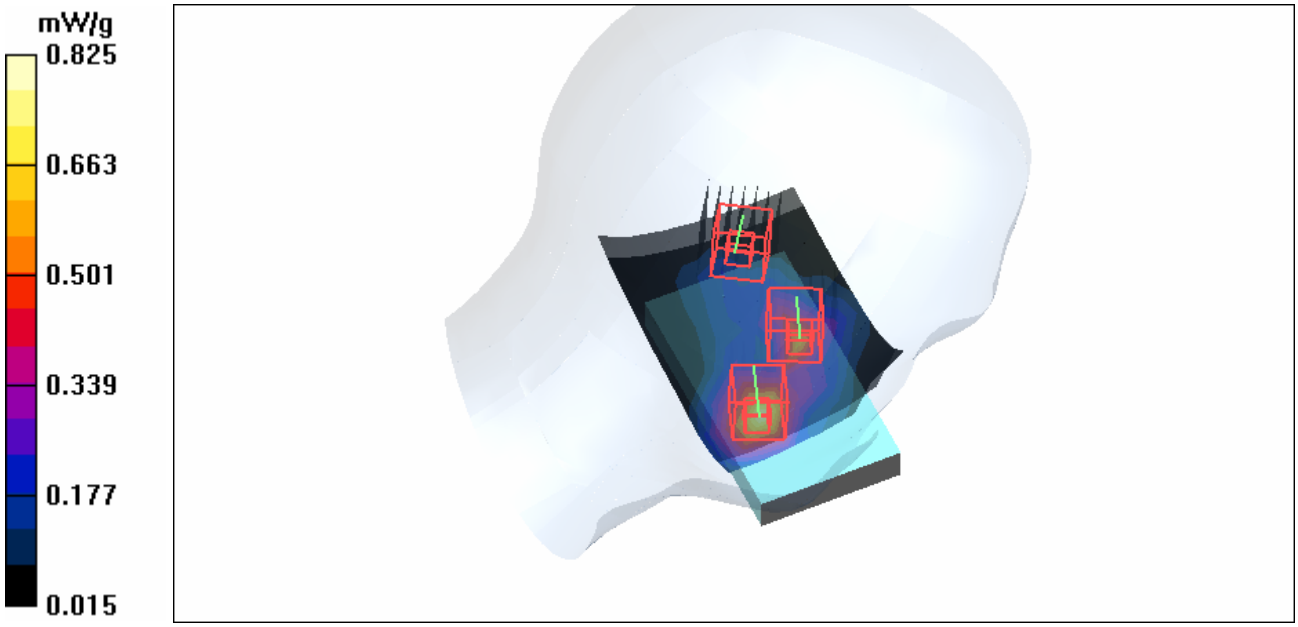
Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.418 mW/g
Maximum value of SAR (measured) = 0.825 mW/g

Touch position - Mid Channel 661/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.6 V/m
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.513 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.609 mW/g

Touch position - Low Channel 0/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.010 mW/g

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.90 V/m
Peak SAR (extrapolated) = 0.032 W/kg

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00593 mW/g
Maximum value of SAR (measured) = 0.019 mW/g



Date/Time: 2007/4/9 19:40:44

Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA850-Ch4132+BT-Ch0-Mode 74

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHzFrequency: 2402 MHz

Communication System: WCDMACommunication System: 802.11b ; Frequency: 826.4 MHzFrequency: 2437 MHz ; Duty Cycle: 1:1
Medium: HSL835Medium: HSL2450 Medium parameters used : f = 826.4 MHz; σ = 0.9 mho/m; ε_r = 42.1; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.79 mho/m; ε_r = 40; ρ = 1000 kg/m^3 ;
Liquid level: 150 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK
Antenna type : Internal Antenna ; Air temp. : 23.2 degrees ; Liquid temp. : 22.1 degrees

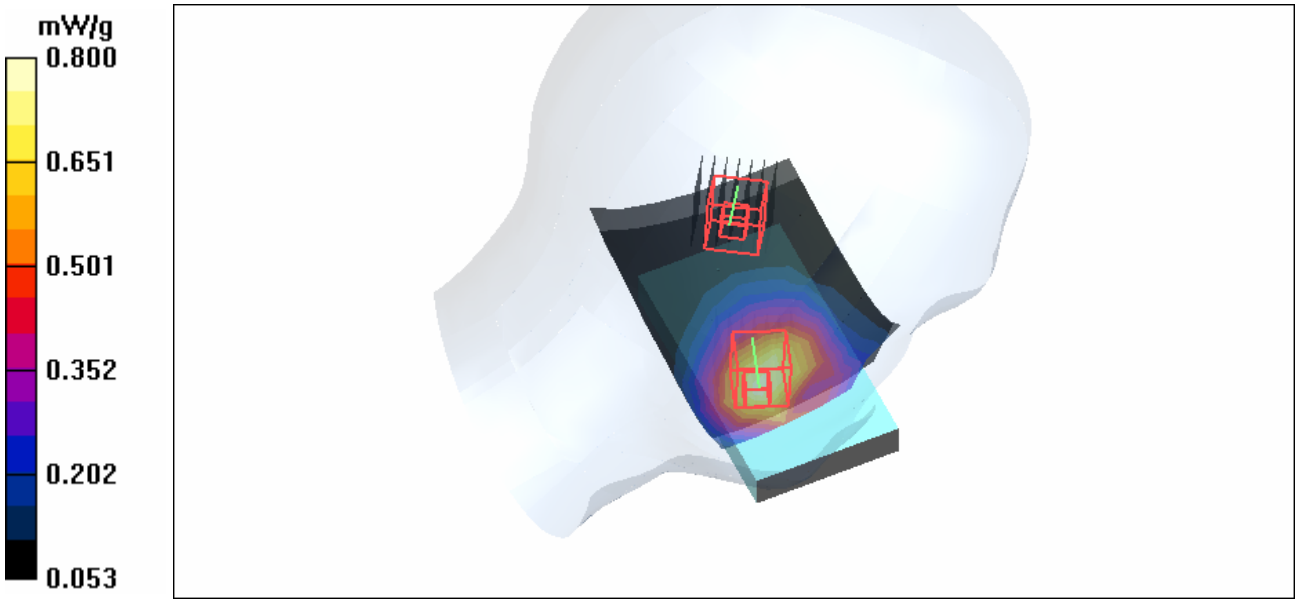
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.71, 6.71, 6.71)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7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

Touch position - Low Channel 4132/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.800 mW/g

Touch position - Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.93 V/m
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.738 mW/g; SAR(10 g) = 0.484 mW/g

Touch position - Low Channel 0/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.010 mW/g

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.90 V/m
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00593 mW/g
Maximum value of SAR (measured) = 0.019 mW/g


mW/g
0.800
0.651
0.501
0.352
0.202
0.053

Date/Time: 2007/4/2 19:51:11

Test Laboratory: Advance Data Technology

Left Head-Cheek-WCDMA1900-Ch9400+BT-Ch0-Mode 75

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHzFrequency: 2402 MHz

Communication System: WCDMA1900Communication System: 802.11b ; Frequency: 1880 MHzFrequency: 2437 MHz ; Duty Cycle: 1:1
Medium: HSL1900Medium: HSL2450 Medium parameters used: f = 1880 MHz; σ = 1.43 mho/m; ε_r = 39.6; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.79 mho/m; ε_r = 40; ρ = 1000 kg/m^3 ;
Liquid level: 152 mm
Phantom section: Left Section ; DUT test position : Cheek ; Modulation type: BPSK
Antenna type : Internal Antenna ; Air temp. : 22.6 degrees ; Liquid temp. : 21.6 degrees

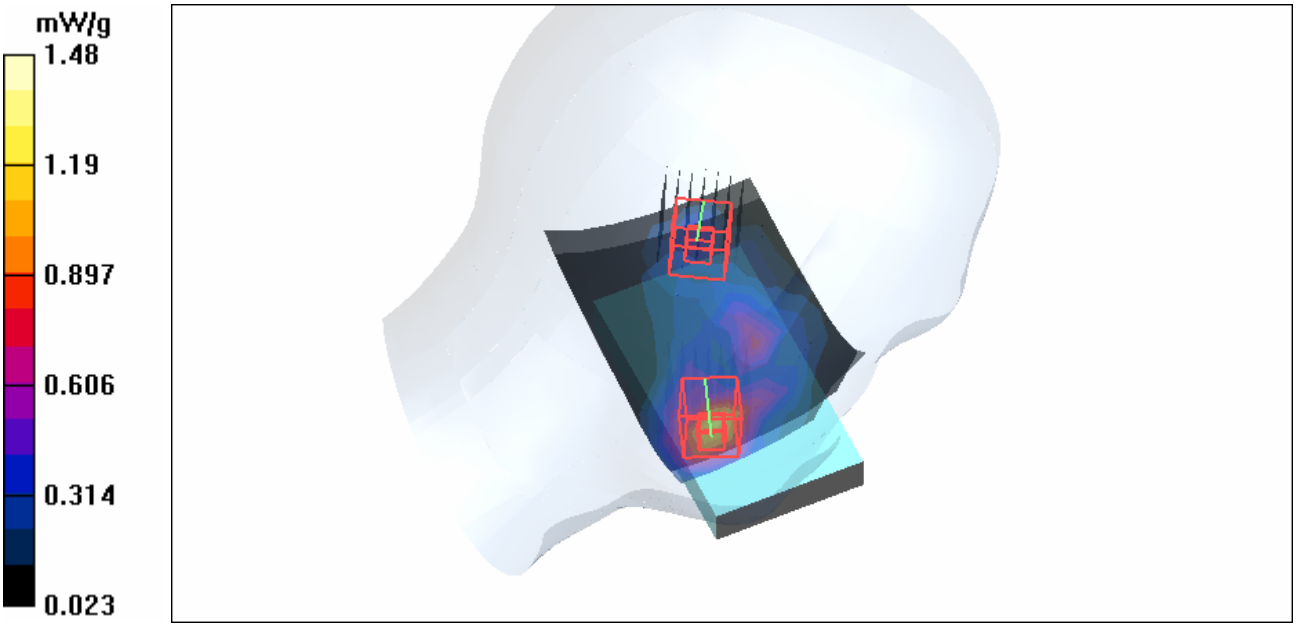
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(5.27, 5.27, 5.27)ConvF(4.76, 4.76, 4.76) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2006/9/7
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7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

Touch position - Mid Channel 9400/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.26 mW/g

Touch position - Mid Channel 9400/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.3 V/m
Peak SAR (extrapolated) = 2.21 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.48 mW/g

Touch position - Low Channel 0/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.010 mW/g

Touch position - Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.90 V/m
Peak SAR (extrapolated) = 0.032 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00593 mW/g
Maximum value of SAR (measured) = 0.019 mW/g


mW/g
1.48
1.19
0.897
0.606
0.314
0.023

Date/Time: 2007/4/16 11:09:52

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS850 TS2-Ch251+BT-Ch0-Mode 76

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 848.8 MHzFrequency: 2402 MHz

Communication System: PCS 850Communication System: 802.11b ; Frequency: 848.8 MHzFrequency: 2412 MHz ; Duty Cycle: 1:4Duty Cycle: 1:1
Medium: MSL835Medium: MSL2450 Medium parameters used: f = 848.8 MHz; σ = 1 mho/m; ε_r = 56.2; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3 ; Liquid Level : 155 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 degrees

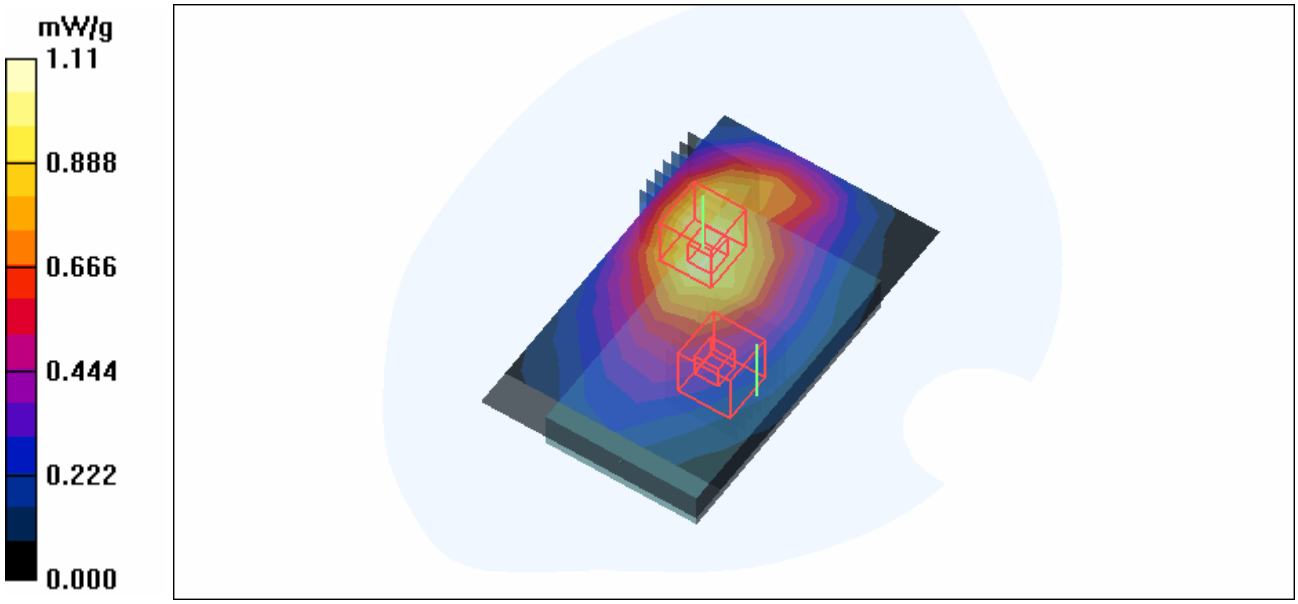
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 251/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.05 mW/g

High Channel 251/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 32.6 V/m
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.720 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

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

Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.730 V/m
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000538 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
1.11
0.888
0.666
0.444
0.222
0.000

Date/Time: 2007/4/17 11:10:42

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-GPRS1900 TS2-Ch512+BT-Ch0-Mode 77

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1850.2 MHzFrequency: 2402 MHz

Communication System: PCS 1900Communication System: 802.11b ; Frequency: 1850.2 MHzFrequency: 2412 MHz ; Duty Cycle: 1:4Duty Cycle: 1:1
Medium: MSL1900Medium: MSL2450 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3 ; Liquid Level : 151 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: GMSK / UL 2 time slots
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 degrees

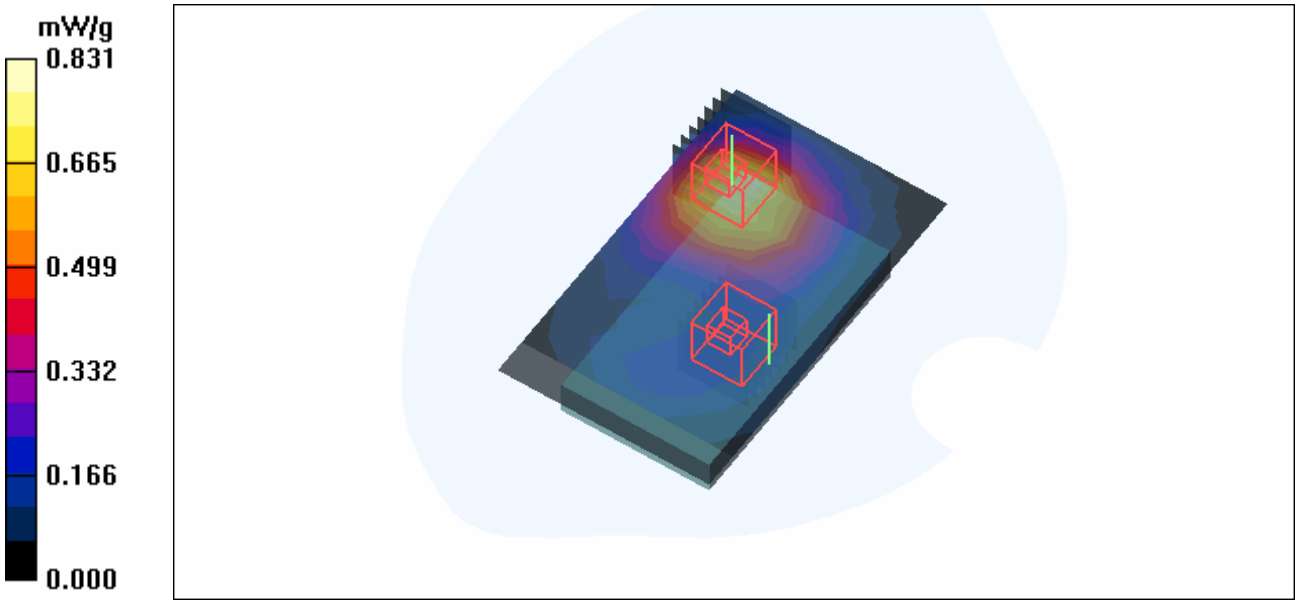
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 512/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.790 mW/g

Low Channel 512/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.1 V/m
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.501 mW/g
Maximum value of SAR (measured) = 0.831 mW/g

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

Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.730 V/m
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000538 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.831
0.665
0.499
0.332
0.166
0.000

Date/Time: 2007/4/16 14:50:03

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-WCDMA 850-Ch4132+BT-Ch0-Mode 78

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 826.4 MHzFrequency: 2402 MHz

Communication System: WCDMACommunication System: 802.11b ; Frequency: 826.4 MHzFrequency: 2412 MHz ; Duty Cycle: 1:1
Medium: MSL835Medium: MSL2450 Medium parameters used : f = 826.4 MHz; σ = 0.98 mho/m; ε_r = 56.5; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3 ; Liquid Level : 155 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.3 degrees ; Liquid Temp. : 22.1 degrees

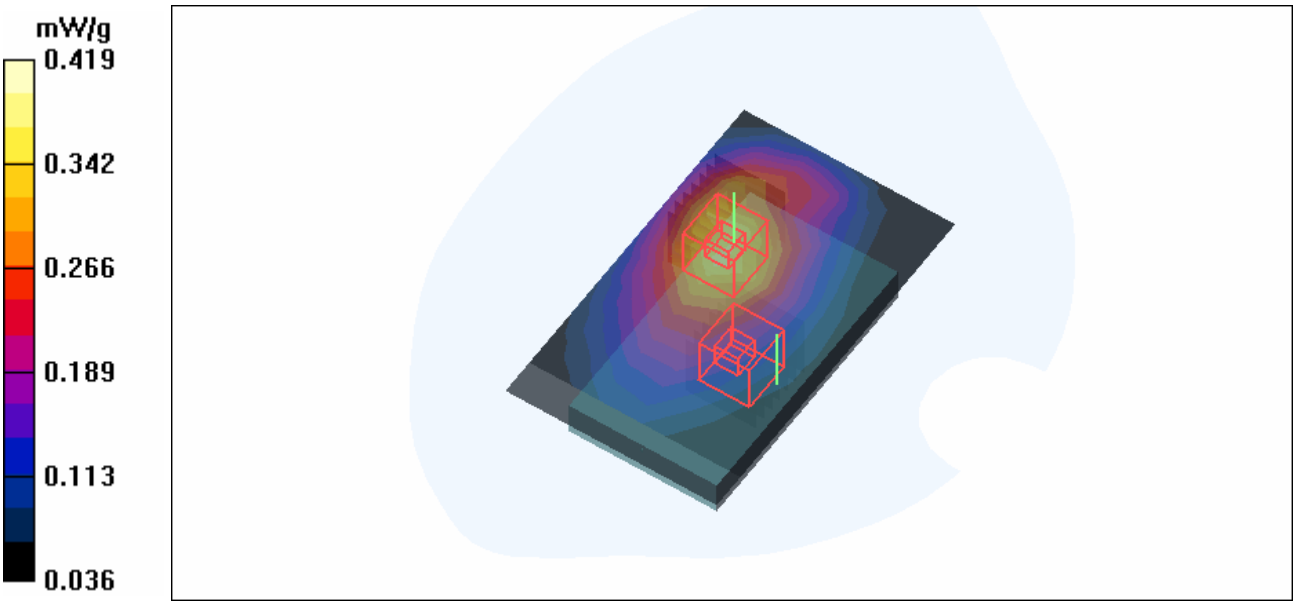
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(6.35, 6.35, 6.35)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 4132/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.385 mW/g

Low Channel 4132/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.7 V/m
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.395 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.419 mW/g

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

Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.730 V/m
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000538 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
0.419
0.342
0.266
0.189
0.113
0.036

Date/Time: 2007/4/17 17:55:30

Test Laboratory: Advance Data Technology

Body Worn-LCD Down-WCDMA 1900-Ch9400+BT-Ch0-Mode 79

DUT: Pocket PC Phone ; Type: CAVA100 ; Test Frequency: 1880 MHzFrequency: 2402 MHz

Communication System: WCDMA1900Communication System: 802.11b ; Frequency: 1880 MHzFrequency: 2412 MHz ; Duty Cycle: 1:1
Medium: MSL1900Medium: MSL2450 Medium parameters used: f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.3; ρ = 1000 kg/m^3 Medium parameters used: f = 2402 MHz; σ = 1.91 mho/m; ε_r = 54.3; ρ = 1000 kg/m^3 ; Liquid Level : 151 mm
Phantom section: Flat Section ; DUT test position : Body ; Modulation Type: BPSK
Separation Distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna Type : Internal Antenna ; Air Temp. : 23.0 degrees ; Liquid Temp. : 22.1 degrees

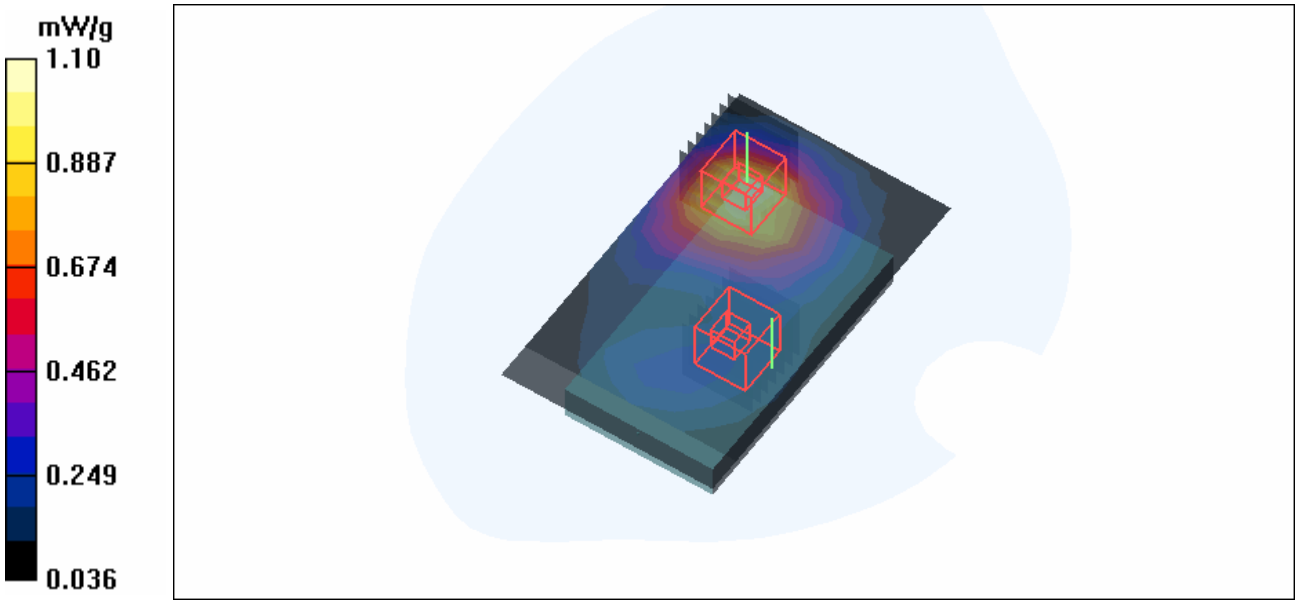
DASY4 Configuration:
- Probe: ET3DV6 - SN1790 ; ConvF(4.59, 4.59, 4.59)ConvF(4.35, 4.35, 4.35) ; Calibrated: 2006/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2006/9/7
- Phantom: SAM 12 ; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 9400/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 mW/g

Mid Channel 9400/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.9 V/m
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.629 mW/g
Maximum value of SAR (measured) = 1.10 mW/g

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

Low Channel 0/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.730 V/m
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00195 mW/g; SAR(10 g) = 0.000538 mW/g
Maximum value of SAR (measured) = 0.003 mW/g


mW/g
1.10
0.887
0.674
0.462
0.249
0.036

Date/Time: 2007/3/31 11:34:53

Test Laboratory: Advance Data Technology

System Validation Check-HSL 835MHz

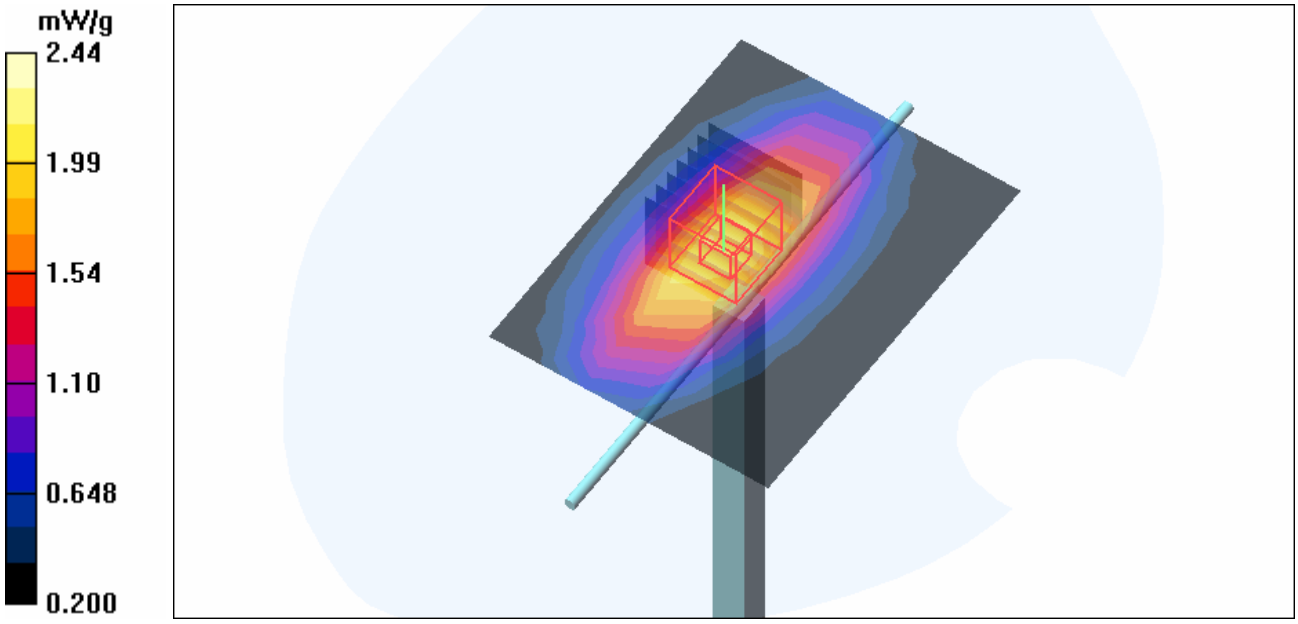
DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz

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 = 41.9; 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. : 23.2 degrees ; Liquid temp. : 22.1 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) = 2.16 mW/g

d=15mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.7 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 3.42 W/kg
SAR(1 g) = 2.25 mW/g; SAR(10 g) = 1.45 mW/g
Maximum value of SAR (measured) = 2.44 mW/g



Date/Time: 2007/4/16 09:50:40

Test Laboratory: Advance Data Technology

System Validation Check-MSL 835MHz

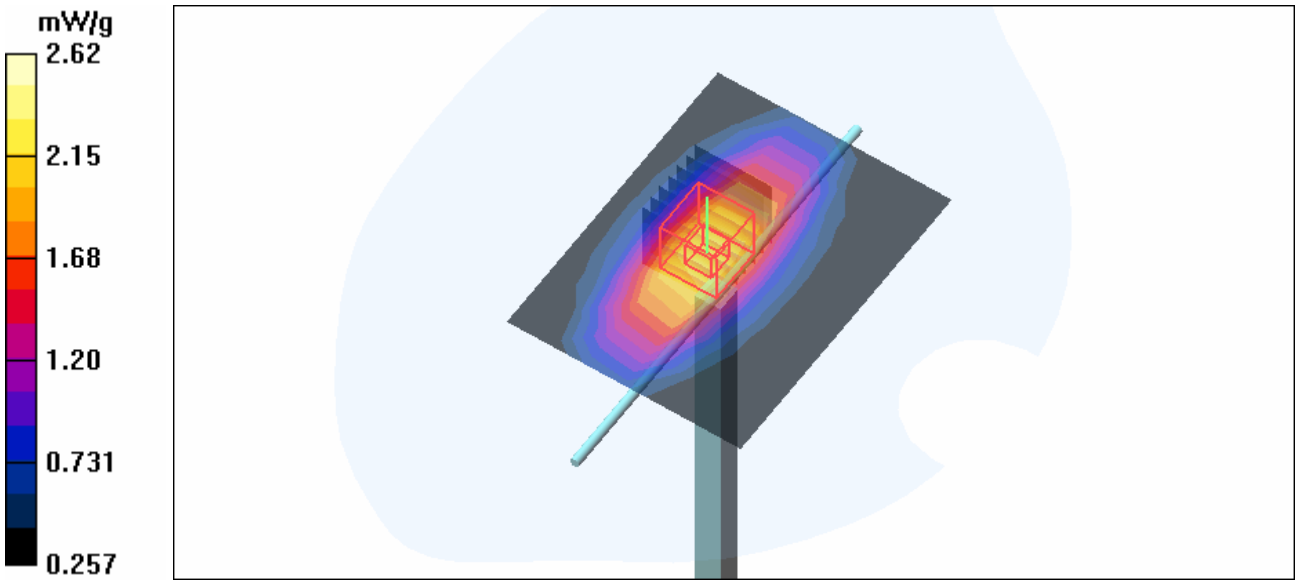
DUT: Dipole 850 MHz ; Type: D835V2 ; Serial: 4d021 ; Test Frequency: 835 MHz

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 = 56.3; ρ = 1000 kg/m^3 ;
Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 15 mm (The feetpoint of the dipole to the Phantom)Air temp. : 23.3 degrees ; Liquid temp. : 22.1 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) = 2.29 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 = -0.011 dB
Peak SAR (extrapolated) = 3.13 W/kg
SAR(1 g) = 2.41 mW/g; SAR(10 g) = 1.57 mW/g
Maximum value of SAR (measured) = 2.62 mW/g



Date/Time: 2007/4/2 10:20:08

Test Laboratory: Advance Data Technology

System Validation Check-HSL 1900MHz

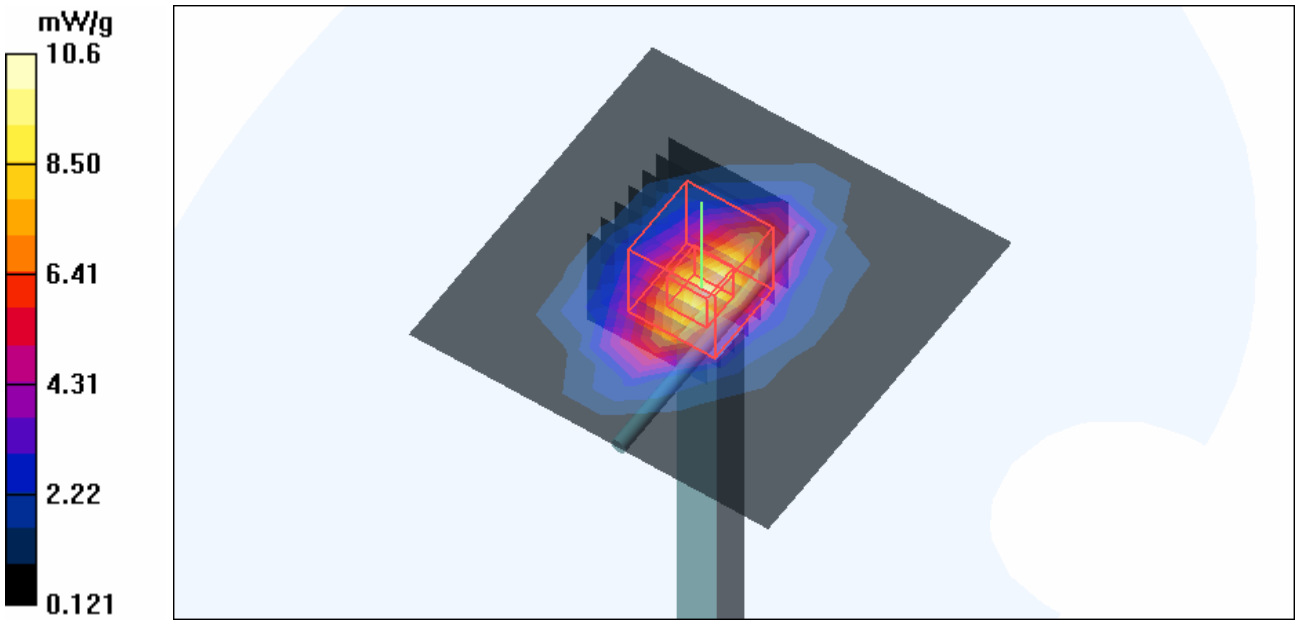
DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d036 ; Test Frequency: 1900 MHz

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: HSL1900;Medium parameters used: f = 1900 MHz; σ = 1.45 mho/m; ε_r = 39.5; 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. : 22.6 degrees ; Liquid temp. : 21.6 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) = 10.5 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 91.9 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 9.35 mW/g; SAR(10 g) = 4.91 mW/g
Maximum value of SAR (measured) = 10.6 mW/g



Date/Time: 2007/4/17 10:30:09

Test Laboratory: Advance Data Technology

System Validation Check-MSL 1900MHz

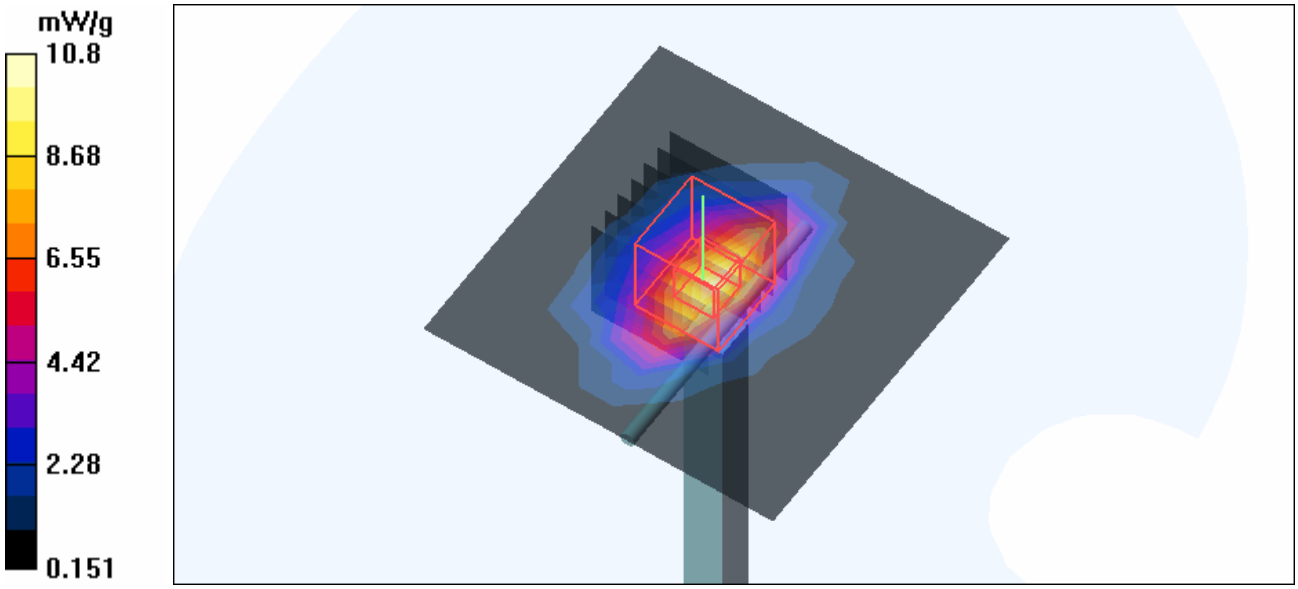
DUT: Dipole 1900 MHz ; Type: D1900V2 ; Serial: 5d022 ; Test Frequency: 1900 MHz

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL1900;Medium parameters used: f = 1900 MHz; σ = 1.53 mho/m; ε_r = 53.2; 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. : 23.0 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 = 89.5 V/m; Power Drift = -0.101 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 9.59 mW/g; SAR(10 g) = 5.06 mW/g
Maximum value of SAR (measured) = 10.8 mW/g



Date/Time: 2007/4/11 08:50:44

Test Laboratory: Advance Data Technology

System Validation Check-HSL 2450MHz

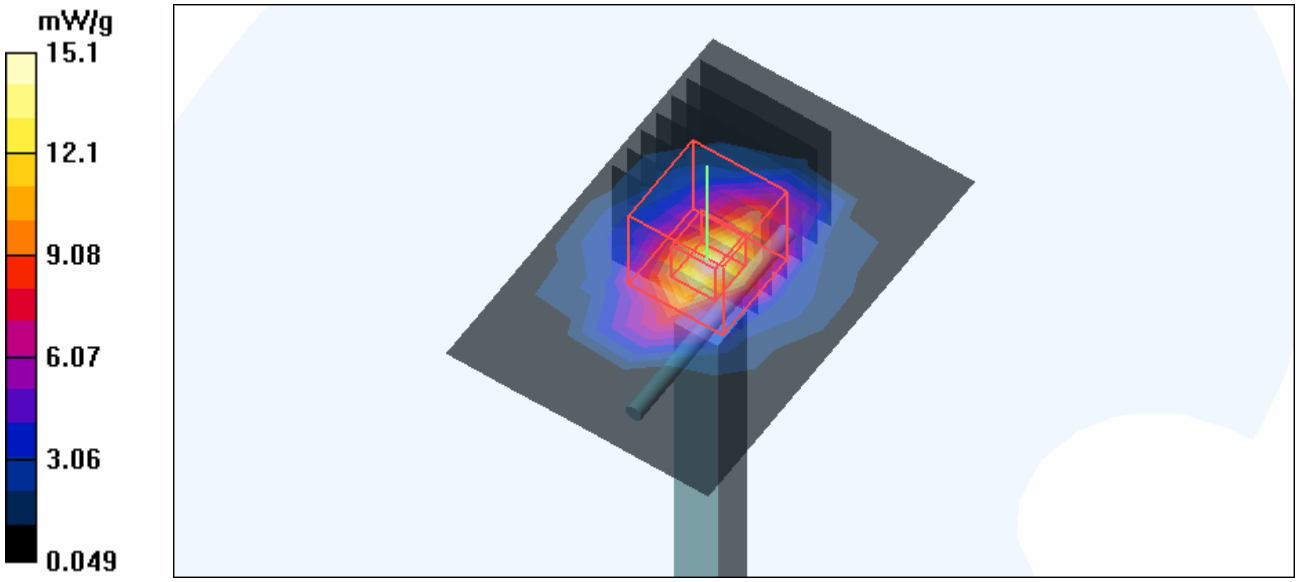
DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 716 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: HSL2450;Medium parameters used: f = 2450 MHz; σ = 1.84 mho/m; ε_r = 39.7; 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. : 22.4 degrees ; Liquid temp. : 21.2 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) = 15.2 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.4 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 30.5 W/kg
SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.25 mW/g
Maximum value of SAR (measured) = 15.1 mW/g



Date/Time: 2007/4/10 10:18:14

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 = 1.98 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3 ; Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 23.1 degrees ; Liquid temp. : 22.0 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) = 14.8 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.1 V/m; Power Drift = -0.092 dB
Peak SAR (extrapolated) = 32.7 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.28 mW/g
Maximum value of SAR (measured) = 15.3 mW/g