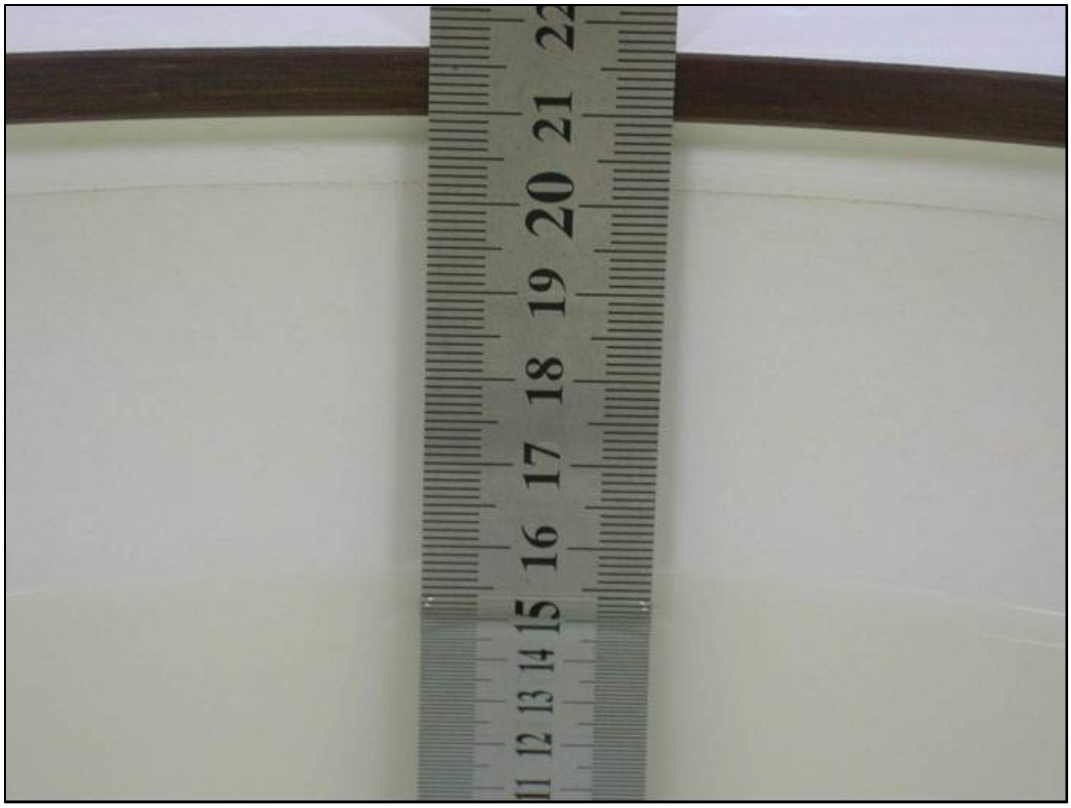
APPENDIX A: TEST DATA
Liquid Level Photo

MSL 2450MHz D=154mm



Date/Time: 2007/11/23 11:24:30

Test Laboratory: Advance Data Technology

N800C-11b-Ch1-M01

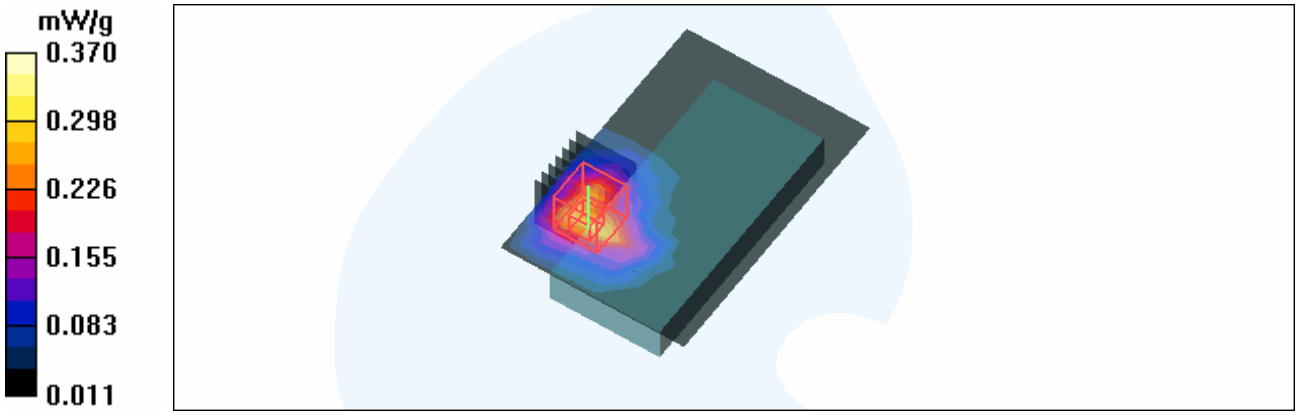
DUT: 802.11g Wireless CardBus Adapter ; Type: WLG-1104 ; Test Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.97 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3 ; Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2007/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.328 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.78 V/m
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.370 mW/g



Date/Time: 2007/11/23 11:47:39

Test Laboratory: Advance Data Technology

N800C-11b-Ch6-M01

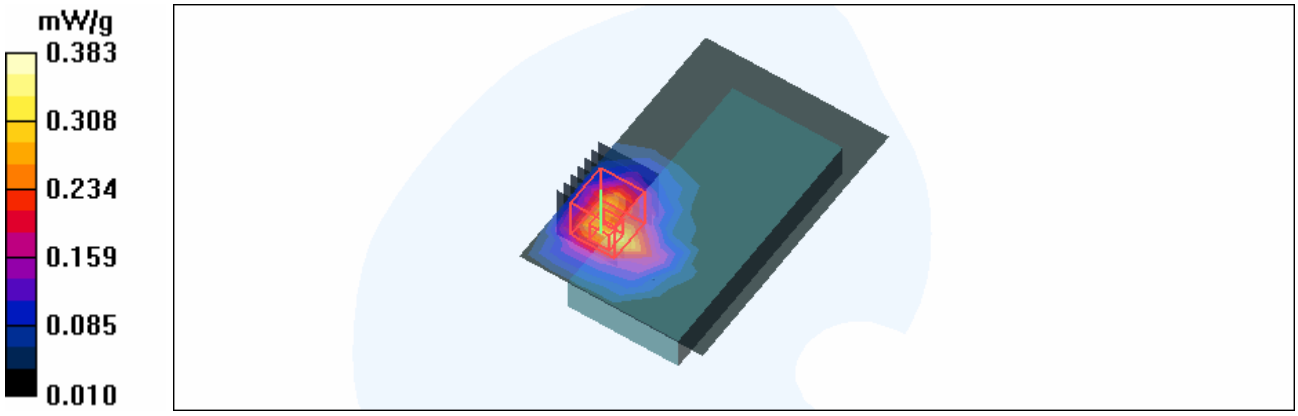
DUT: 802.11g Wireless CardBus Adapter ; Type: WLG-1104 ; Test Frequency: 2437 MHz

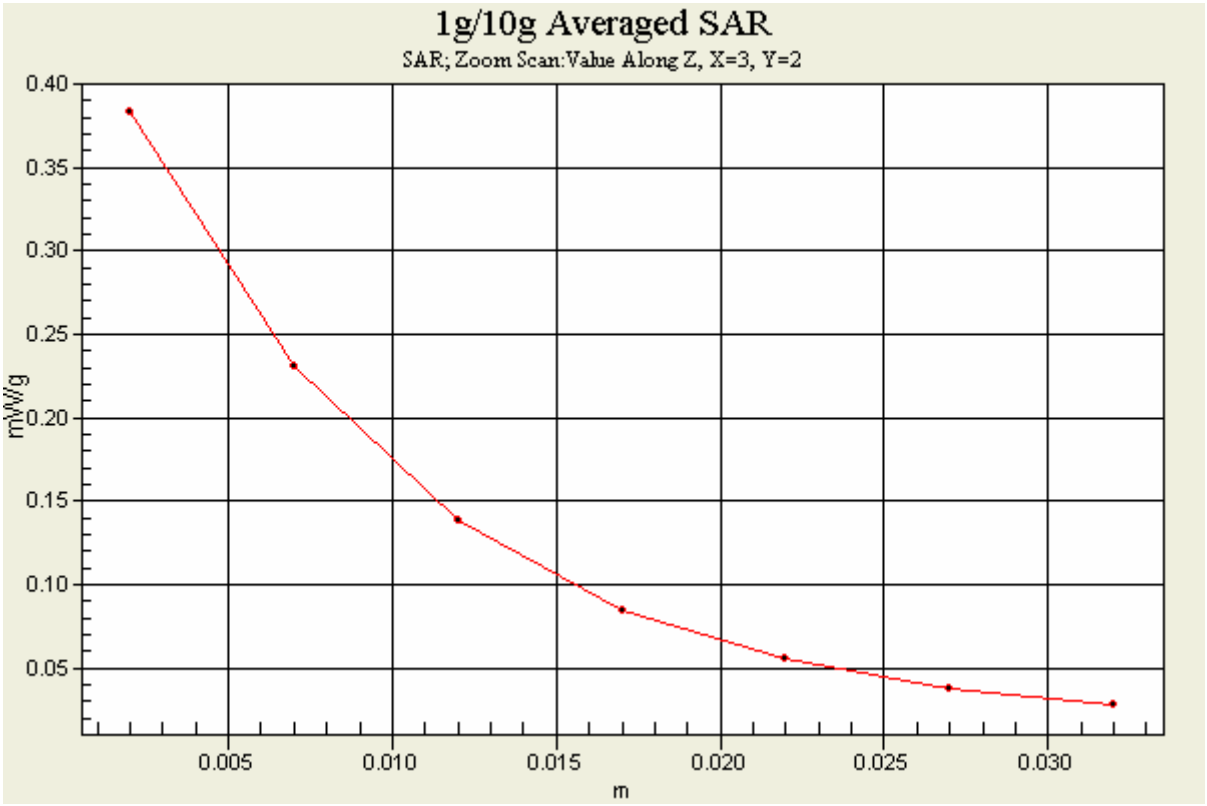
Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3 ; Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2007/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 6/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.323 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.81 V/m
Peak SAR (extrapolated) = 0.473 W/kg
SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.383 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

Date/Time: 2007/11/23 13:00:43

Test Laboratory: Advance Data Technology

N800C-11b-Ch11-M01

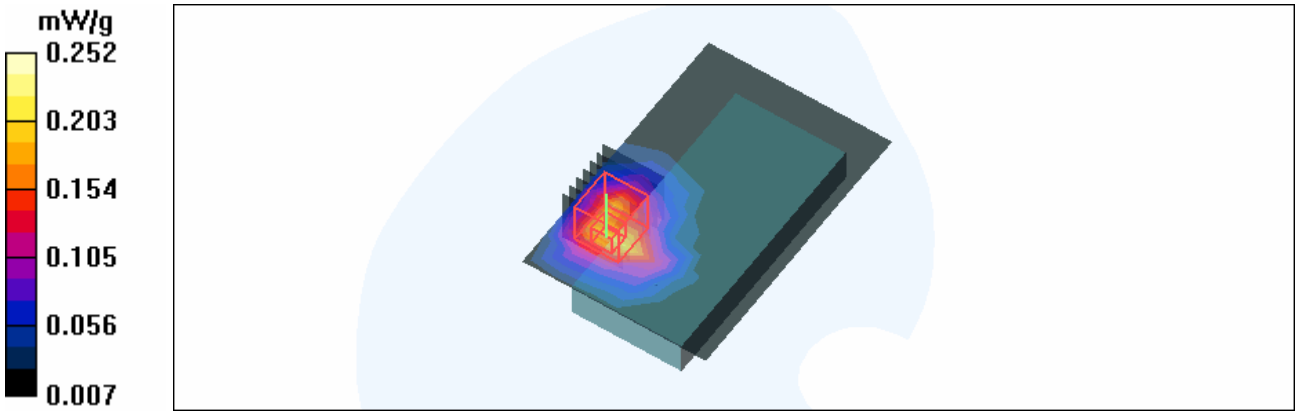
DUT: 802.11g Wireless CardBus Adapter ; Type: WLG-1104 ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.03 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2007/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 11/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.206 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.03 V/m
Peak SAR (extrapolated) = 0.307 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.252 mW/g



Date/Time: 2007/11/23 13:57:56

Test Laboratory: Advance Data Technology

N800C-11g-Ch1-M02

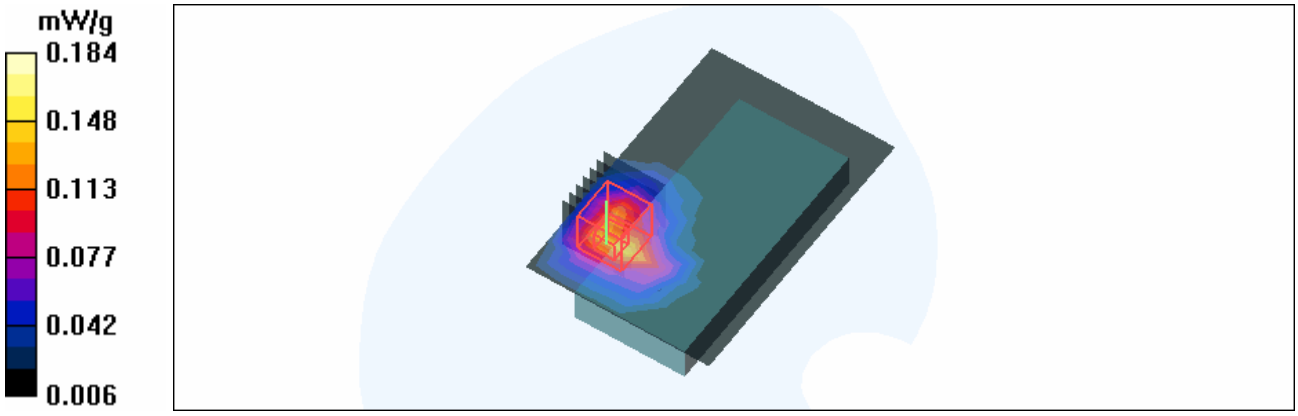
DUT: 802.11g Wireless CardBus Adapter ; Type: WLG-1104 ; Test Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.97 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3 ; Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2007/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Low Channel 1/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.145 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.71 V/m
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



Date/Time: 2007/11/23 14:15:49

Test Laboratory: Advance Data Technology

N800C-11g-Ch6-M02

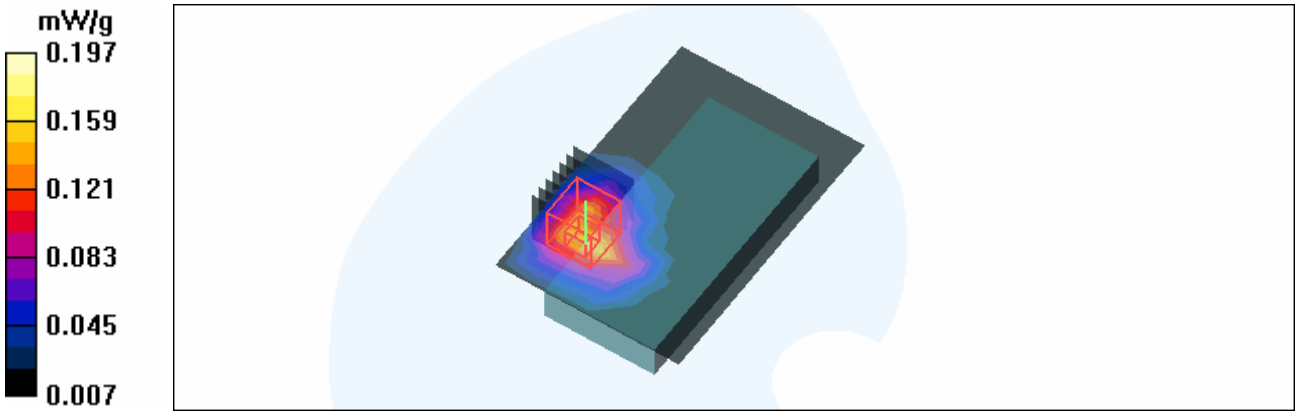
DUT: 802.11g Wireless CardBus Adapter ; Type: WLG-1104 ; Test Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3 ; Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2007/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

Mid Channel 6/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.160 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.26 V/m
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.080 mW/g
Maximum value of SAR (measured) = 0.197 mW/g



Date/Time: 2007/11/23 14:33:49

Test Laboratory: Advance Data Technology

N800C-11g-Ch11-M02

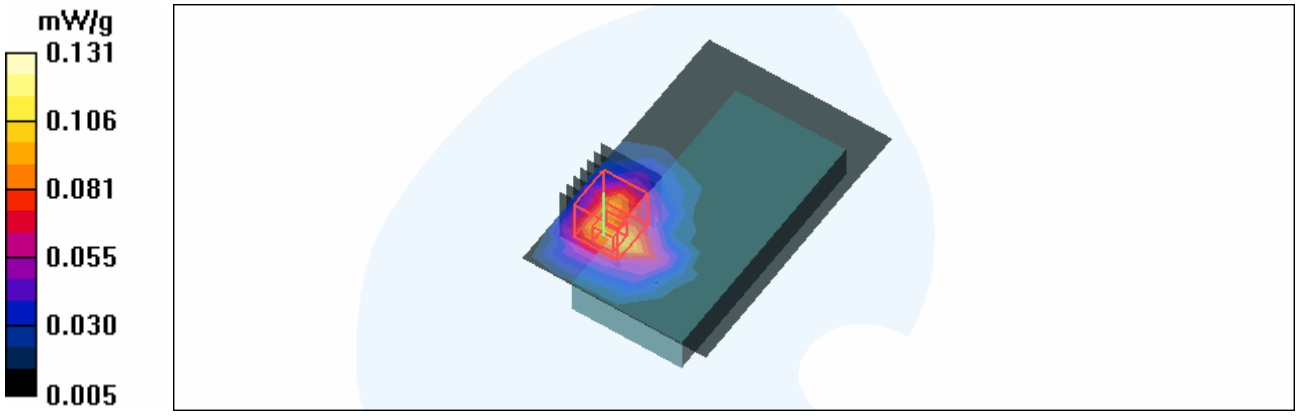
DUT: 802.11g Wireless CardBus Adapter ; Type: WLG-1104 ; Test Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: BPSK
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.03 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 154 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2007/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 53 ; Postprocessing SW: SEMCAD, V1.8 Build 172

High Channel 11/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.107 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.91 V/m
Peak SAR (extrapolated) = 0.159 W/kg
SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



Date/Time: 2007/11/23 10:51:20

Test Laboratory: Advance Data Technology

System Validation Check-MSL 2450MHz

DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL2450;Medium parameters used: f = 2450 MHz; σ = 2.01 mho/m; ε_r = 54.2; 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. : 22.8 degrees ; Liquid temp. : 21.7 degrees

DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2007/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2007/3/23
- 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) = 14.5 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 84.1 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 21.9 W/kg
SAR(1 g) = 12.1 mW/g; SAR(10 g) = 5.76 mW/g
Maximum value of SAR (measured) = 17.3 mW/g