APPENDIX A: TEST DATA FOR DIFFERENT SCAN RESOLUTION

Liquid Level Photo

Tissue MSL2450MHz D=152mm

Date/Time: 2010/1/19 18:59:08

Test Laboratory: Bureau Veritas ADT

11b-Ch6 / Normal

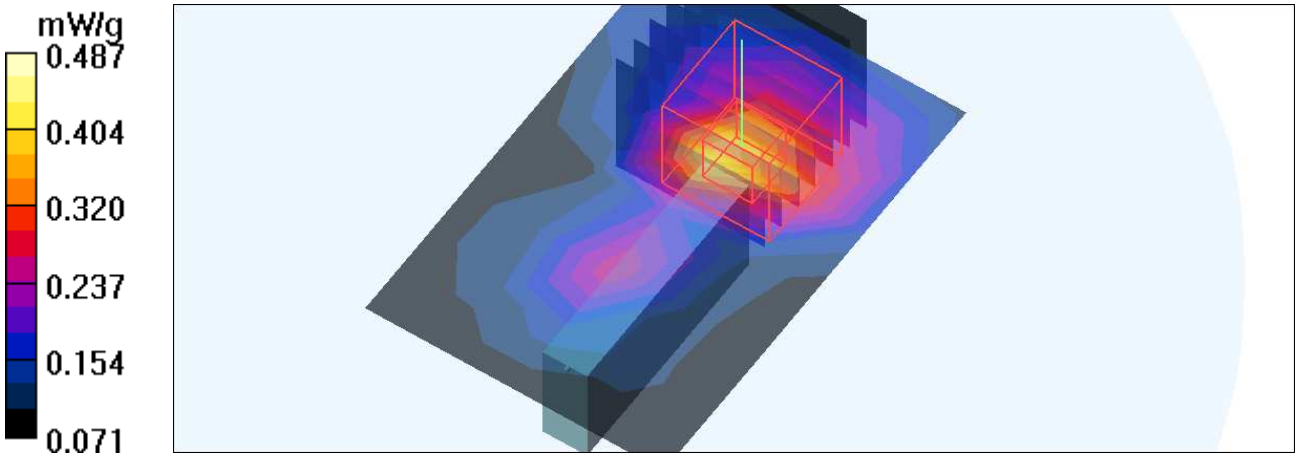
DUT: 2Wire 802.11N Wireless USB Adapter ; Type: AWN11N-001

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.98 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section ; Separation distance : 5 mm (The right edge side of the EUT to the Phantom)

DASY4 Configuration:
- Probe: EX3DV4 - SN3590 ; ConvF(7.96, 7.96, 7.96) ; Calibrated: 2009/4/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2009/7/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 6/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.453 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.2 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.224 mW/g
Maximum value of SAR (measured) = 0.487 mW/g



Date/Time: 2010/1/19 19:14:01

Test Laboratory: Bureau Veritas ADT

11b-Ch6 / Step size minimum

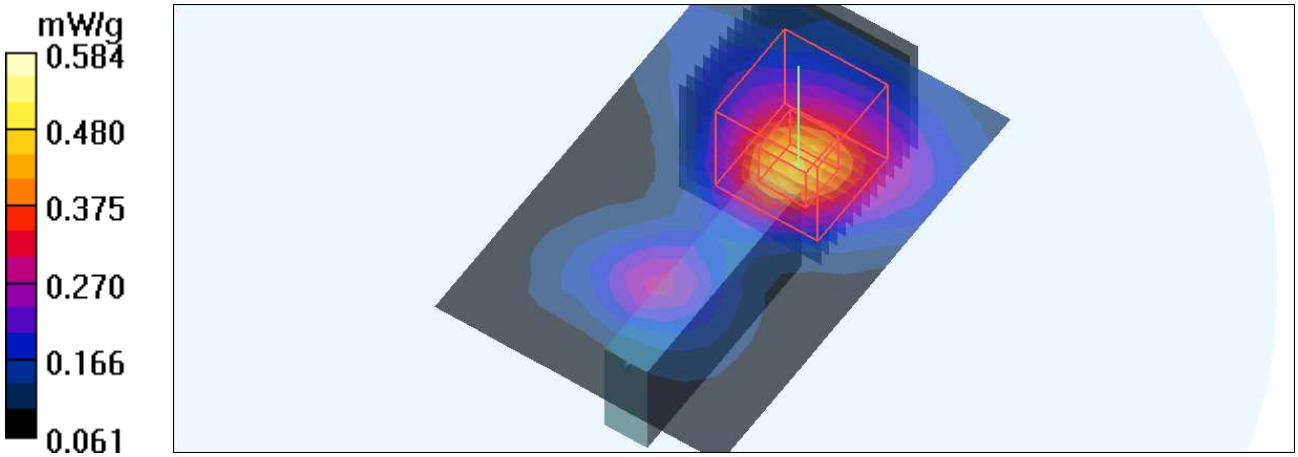
DUT: 2Wire 802.11N Wireless USB Adapter ; Type: AWN11N-001

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: DBPSK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 1.98 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section ; Separation distance : 5 mm (The right edge side of the EUT to the Phantom)

DASY4 Configuration:
- Probe: EX3DV4 - SN3590 ; ConvF(7.96, 7.96, 7.96) ; Calibrated: 2009/4/28
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2009/7/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80 ; Postprocessing SW: SEMCAD, V1.8 Build 186

Mid Channel 6/Area Scan (13x19x1): Measurement grid: dx=5mm, dy=5mm
Maximum value of SAR (measured) = 0.497 mW/g

Mid Channel 6/Zoom Scan (13x13x13)/Cube 0: Measurement grid: dx=2.5mm, dy=2.5mm, dz=2.5mm
Reference Value = 15.2 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.399 mW/g; SAR(10 g) = 0.221 mW/g
Maximum value of SAR (measured) = 0.584 mW/g



Date/Time: 2010/1/19 09:59:23

Test Laboratory: Bureau Veritas ADT

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 = 1.99 mho/m; ε_r = 53.6; 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. : 22.3 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3590 ; ConvF(7.96, 7.96, 7.96) ; Calibrated: 2009/4/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2009/7/17
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 17.0 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.2 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 28.1 W/kg
SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.92 mW/g
Maximum value of SAR (measured) = 16.5 mW/g