APPENDIX A: TEST DATA
Liquid Level Photo

MSL 2450MHz D=151mm

Date/Time: 2006/10/4 11:18:51

Test Laboratory: Advance Data Technology

D600-11b-CH1-Mode 1

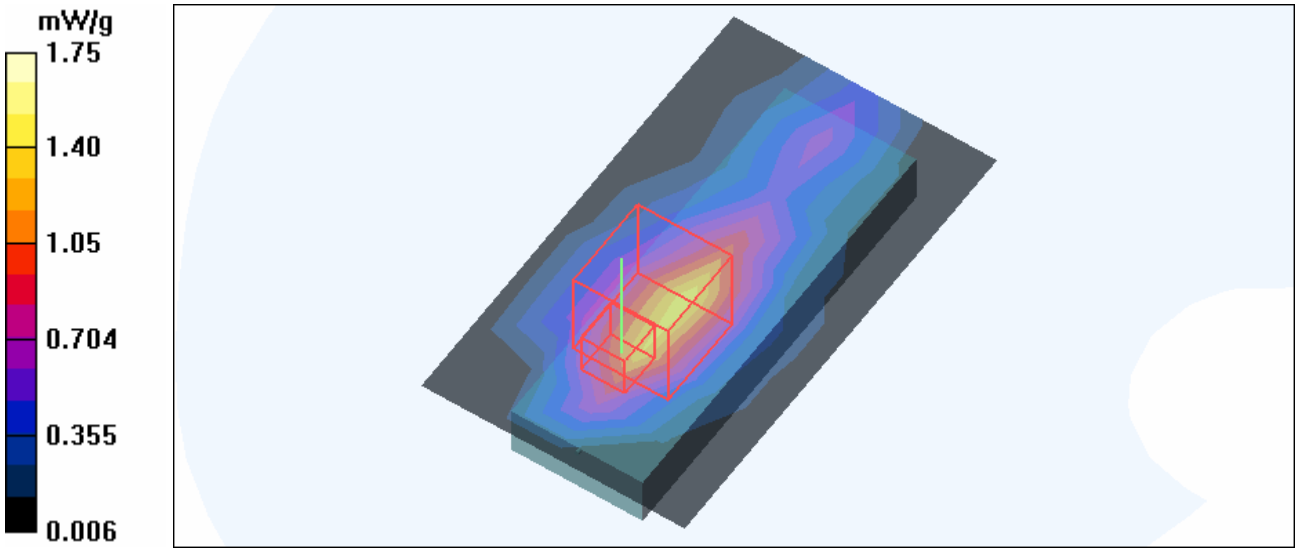
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 1/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.40 mW/g

Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.7 V/m
Peak SAR (extrapolated) = 3.16 W/kg
SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (measured) = 1.75 mW/g



Date/Time: 2006/10/4 11:34:33

Test Laboratory: Advance Data Technology

D600-11b-CH6-Mode 1

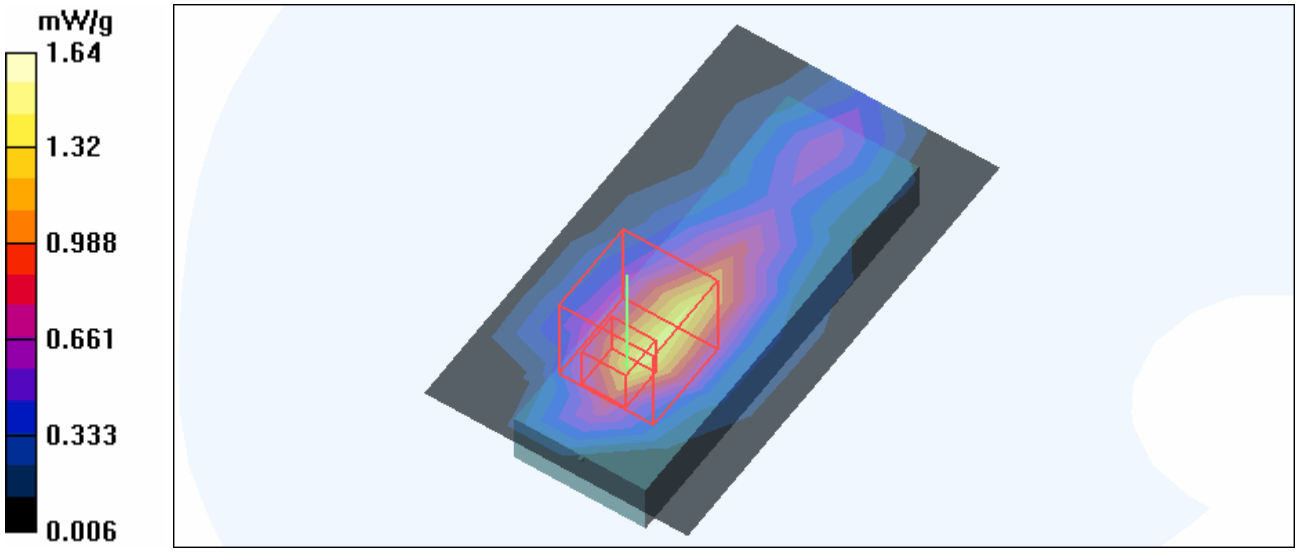
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

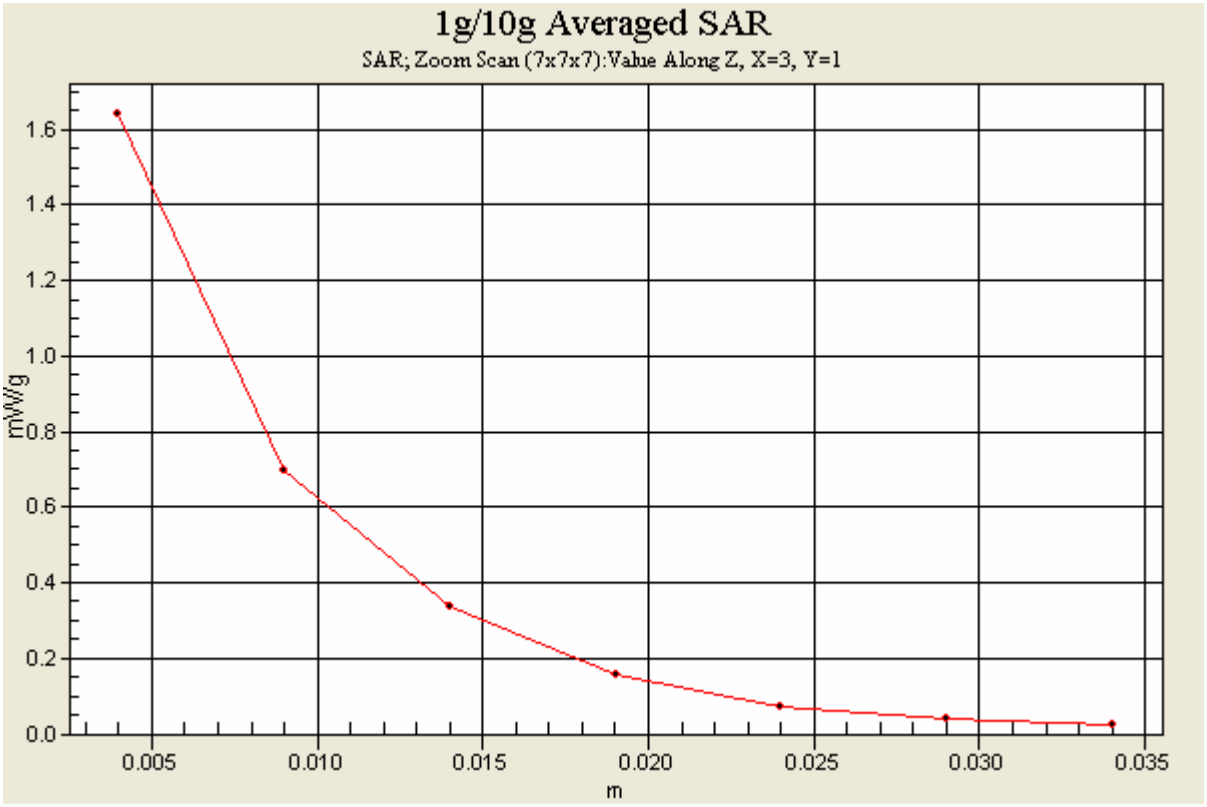
Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.1 V/m
Peak SAR (extrapolated) = 4.31 W/kg
SAR(1 g) = 1.52 mW/g; SAR(10 g) = 0.667 mW/g
Maximum value of SAR (measured) = 1.64 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan (7x7x7):Value Along Z, X=3, Y=1
mW/g
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2006/10/4 11:52:51

Test Laboratory: Advance Data Technology

D600-11b-CH11-Mode 1

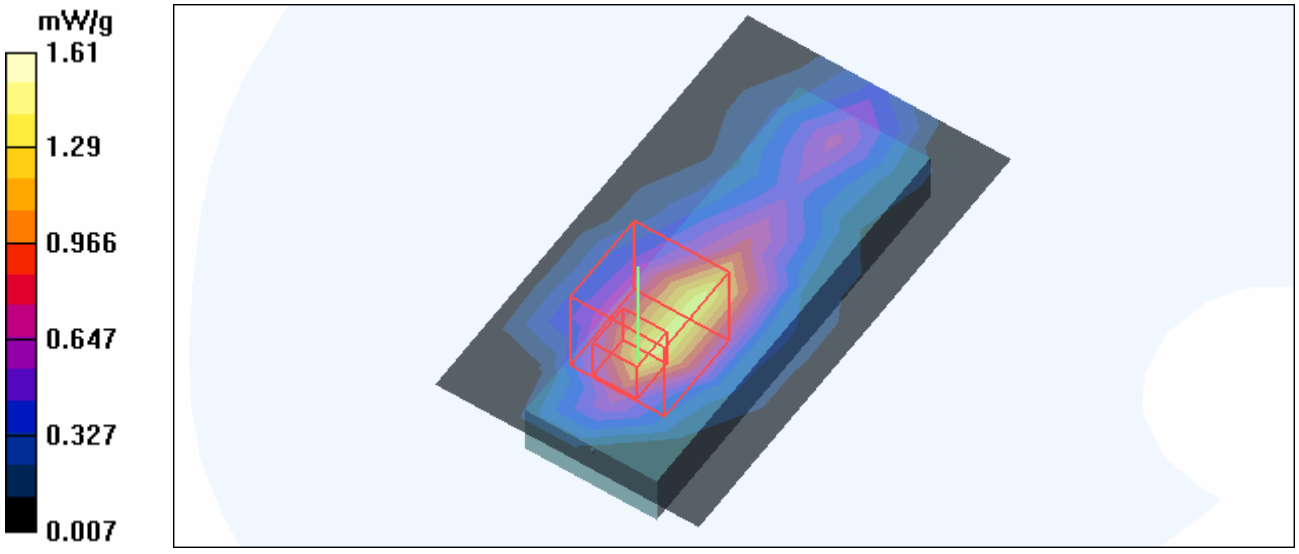
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used : f = 2462 MHz; σ = 1.97 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 11/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.37 mW/g

High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.6 V/m
Peak SAR (extrapolated) = 4.02 W/kg
SAR(1 g) = 1.48 mW/g; SAR(10 g) = 0.658 mW/g
Maximum value of SAR (measured) = 1.61 mW/g



Date/Time: 2006/10/4 13:11:11

Test Laboratory: Advance Data Technology

D600-11g-CH1-Mode 2

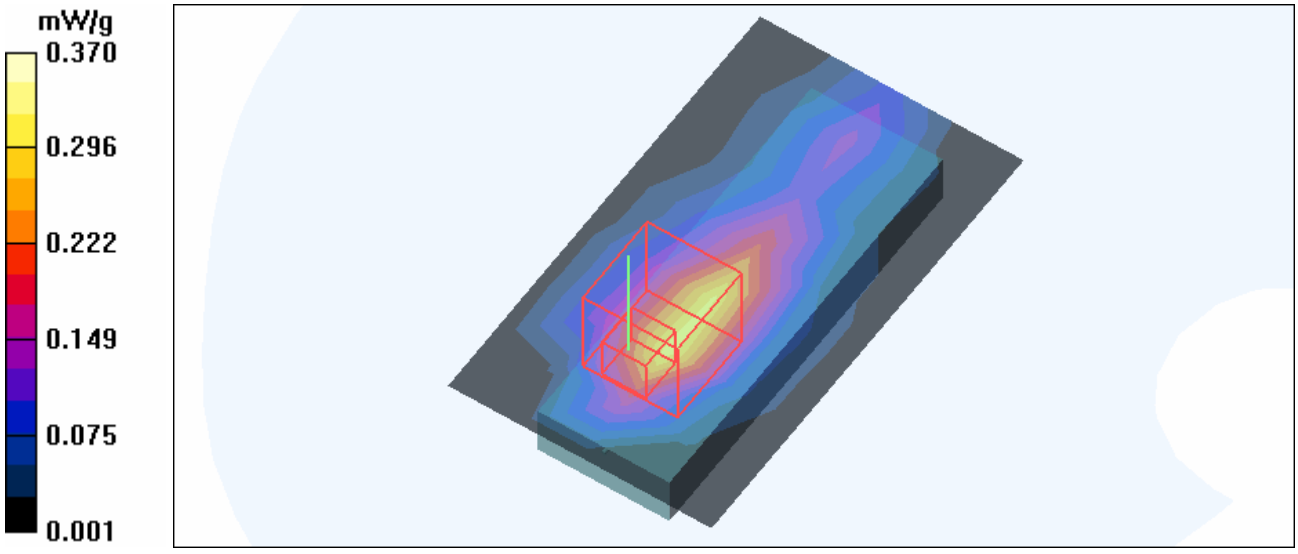
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 1/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.315 mW/g

Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.7 V/m
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.341 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.370 mW/g



Date/Time: 2006/10/4 13:27:27

Test Laboratory: Advance Data Technology

D600-11g-CH6-Mode 2

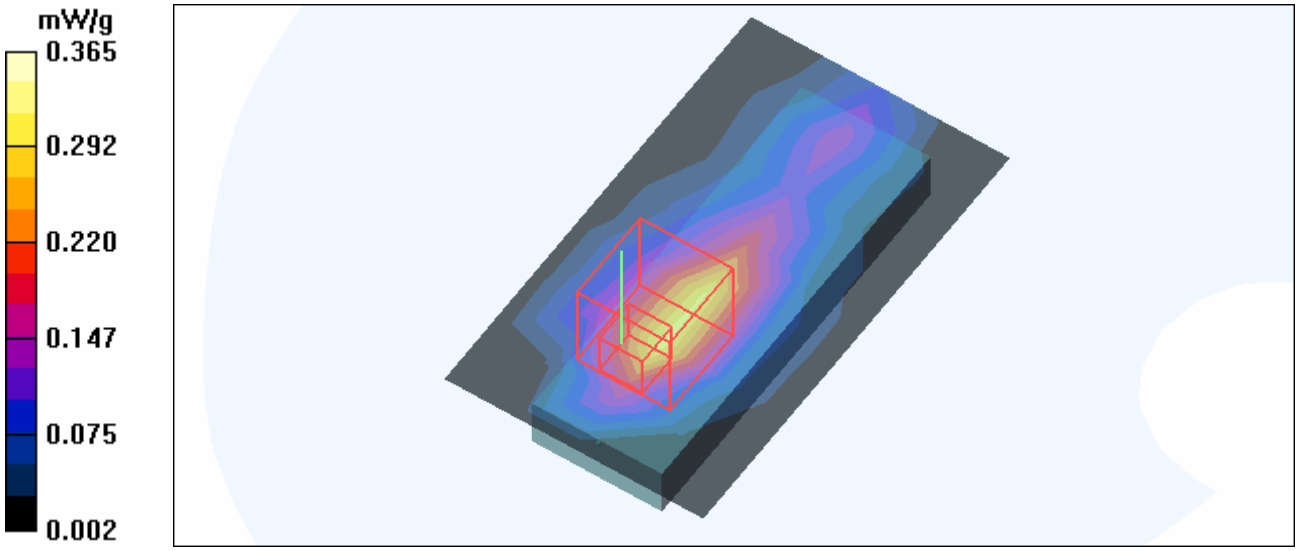
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.307 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.5 V/m
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.365 mW/g



Date/Time: 2006/10/4 13:43:08

Test Laboratory: Advance Data Technology

D600-11g-CH11-Mode 2

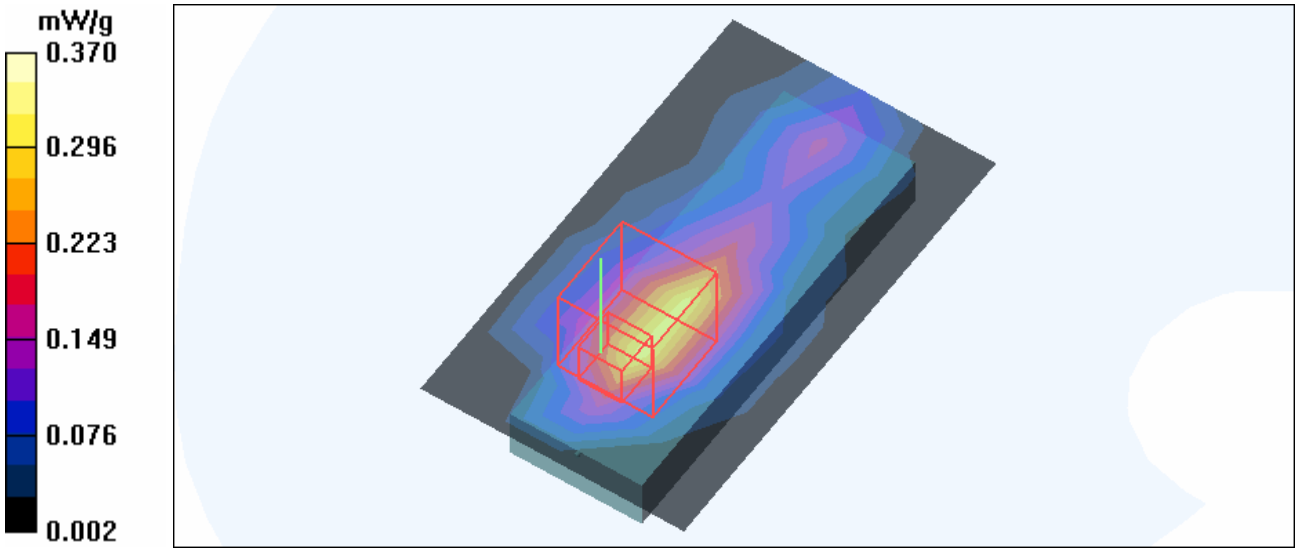
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used : f = 2462 MHz; σ = 1.97 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 11/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.315 mW/g

High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.2 V/m
Peak SAR (extrapolated) = 0.911 W/kg
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.151 mW/g
Maximum value of SAR (measured) = 0.370 mW/g



Date/Time: 2006/10/4 14:04:57

Test Laboratory: Advance Data Technology

D600-11b-CH6-No Cable-Mode 3

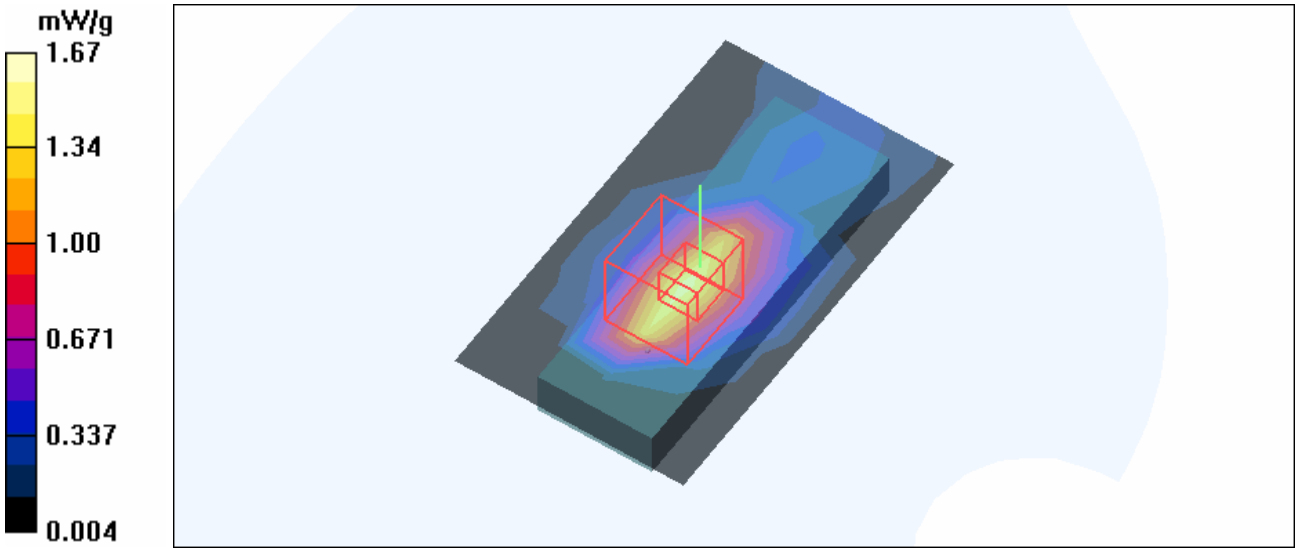
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The bottom side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.55 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 27.1 V/m
Peak SAR (extrapolated) = 3.49 W/kg
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.692 mW/g
Maximum value of SAR (measured) = 1.67 mW/g



Date/Time: 2006/10/4 14:20:51

Test Laboratory: Advance Data Technology

D600-11b-CH6-Mode 4

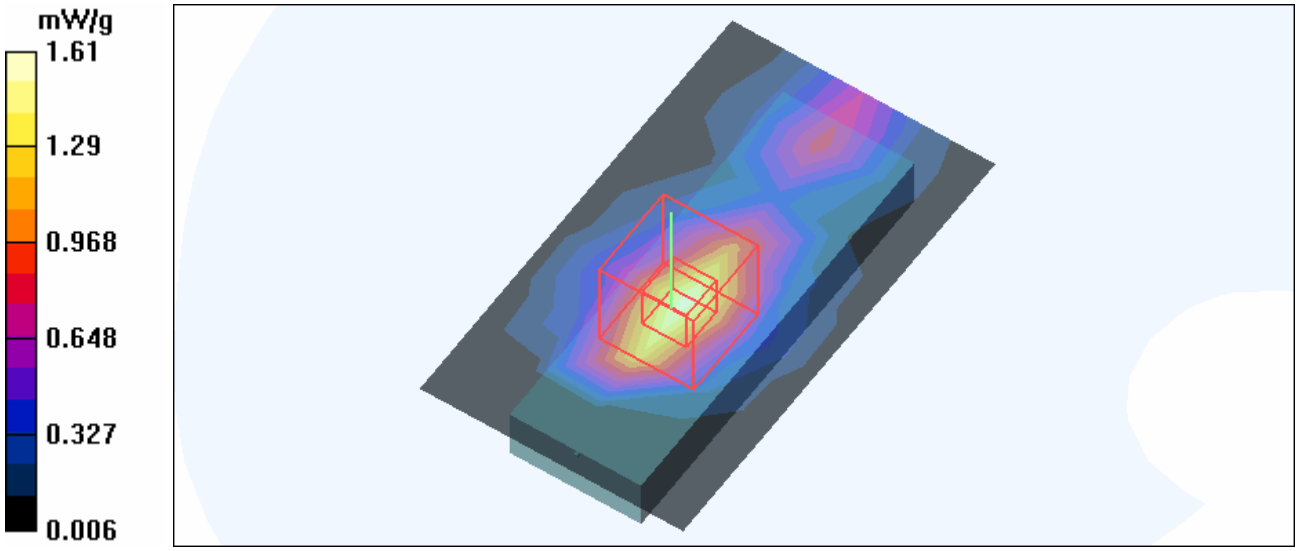
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The front side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.58 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.2 V/m
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 1.42 mW/g; SAR(10 g) = 0.677 mW/g
Maximum value of SAR (measured) = 1.61 mW/g



Date/Time: 2006/10/4 14:47:34

Test Laboratory: Advance Data Technology

D600-11b-CH1-Mode 5

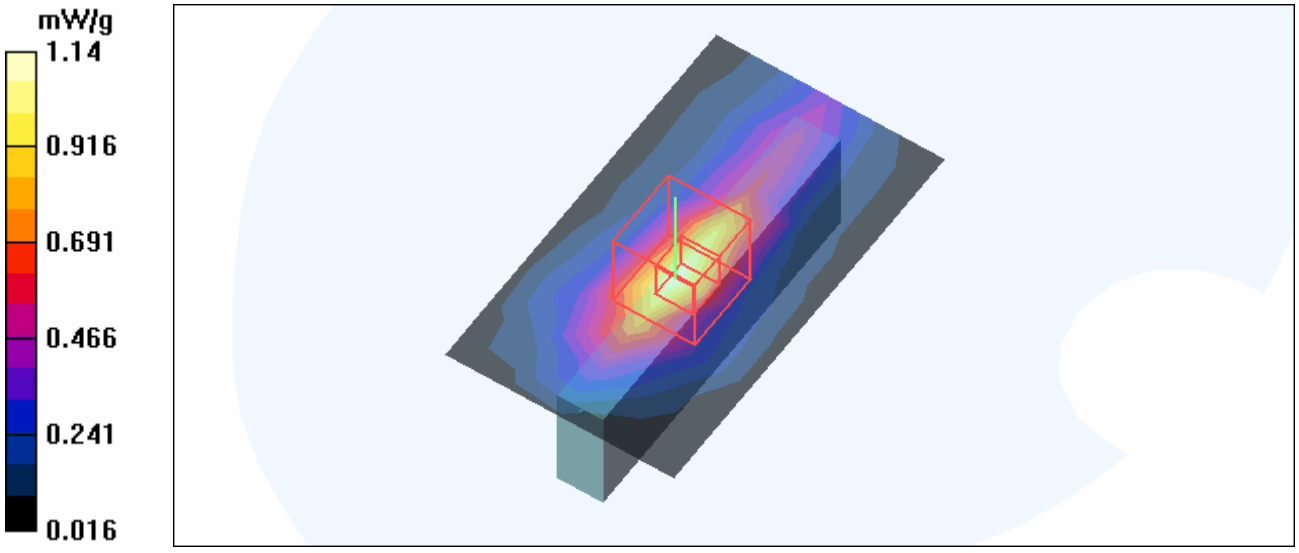
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The left side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 1/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.14 mW/g

Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.6 V/m
Peak SAR (extrapolated) = 2.30 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



Date/Time: 2006/10/4 15:19:35

Test Laboratory: Advance Data Technology

D600-11b-CH6-Mode 5

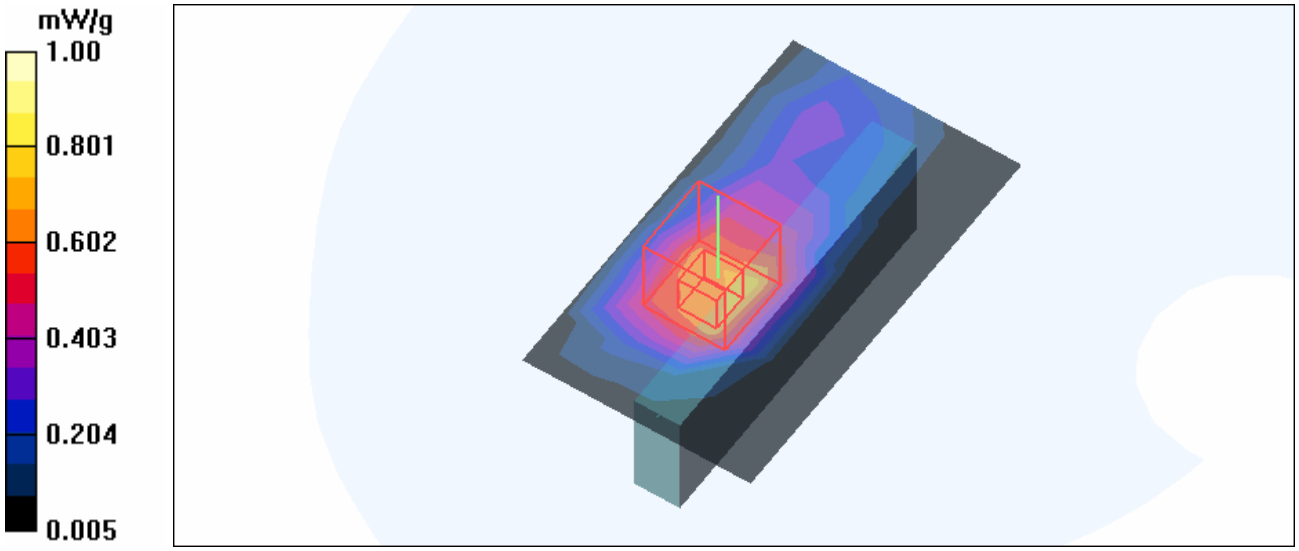
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The left side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.709 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 20.3 V/m
Peak SAR (extrapolated) = 2.37 W/kg
SAR(1 g) = 0.925 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 1.00 mW/g



Date/Time: 2006/10/4 15:35:13

Test Laboratory: Advance Data Technology

D600-11b-CH11-Mode 4

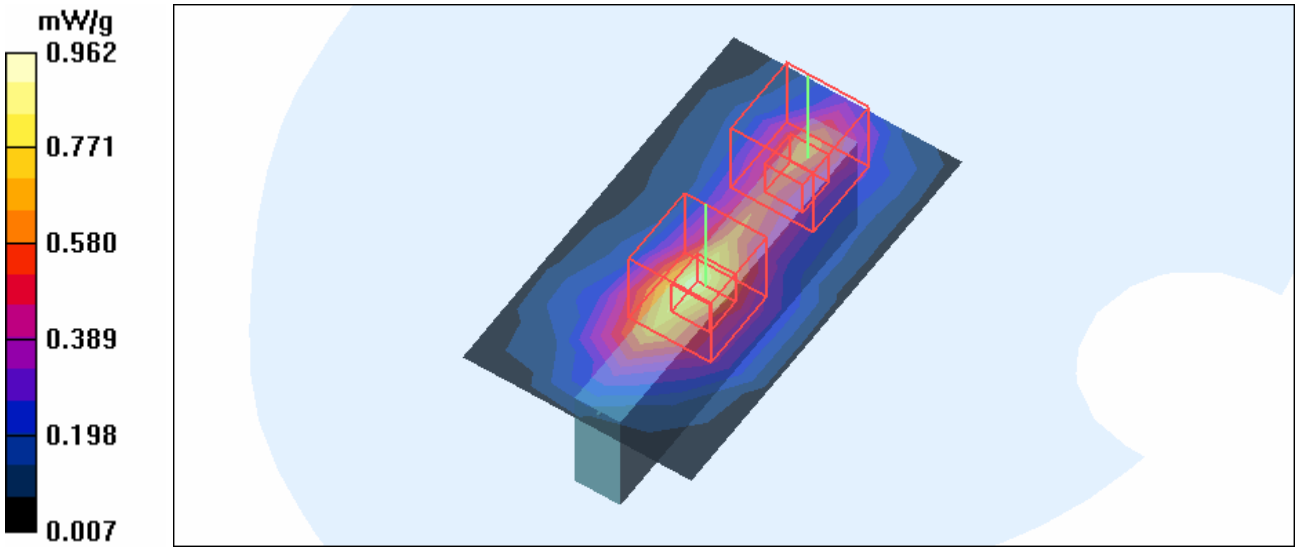
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used : f = 2462 MHz; σ = 1.97 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The left side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees
DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 11/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.890 mW/g

High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m
Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.412 mW/g
Maximum value of SAR (measured) = 0.962 mW/g

High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.306 mW/g
Maximum value of SAR (measured) = 0.692 mW/g



Date/Time: 2006/10/4 16:01:43

Test Laboratory: Advance Data Technology

D600-11g-CH1-Mode 6

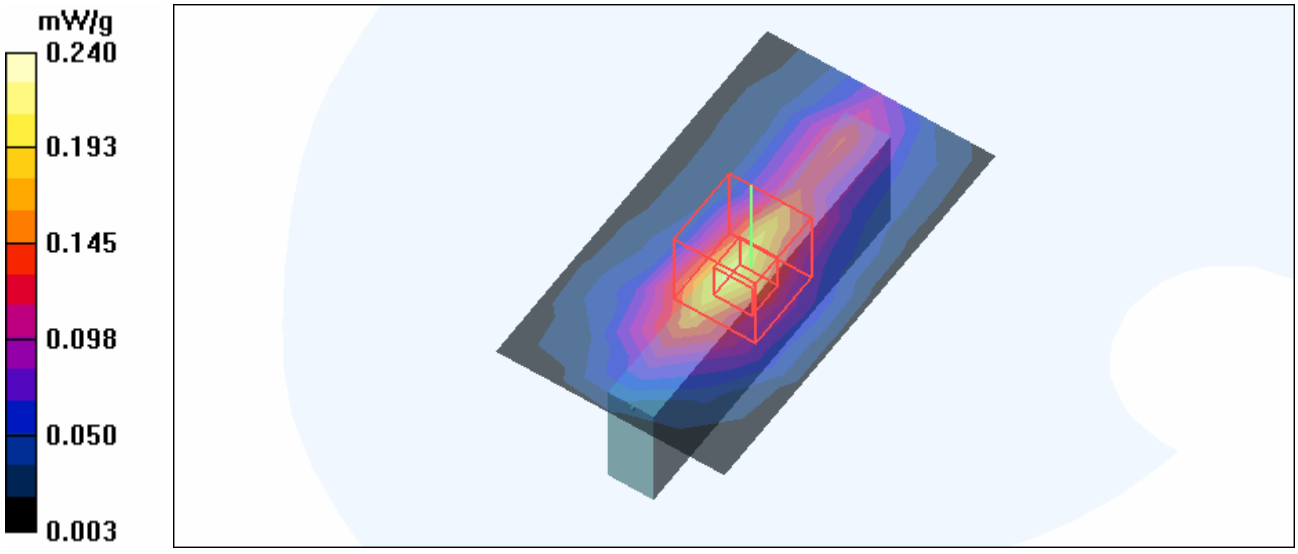
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.9 mho/m; ε_r = 52.8; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The left side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Low Channel 1/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.215 mW/g

Low Channel 1/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.08 V/m
Peak SAR (extrapolated) = 0.493 W/kg
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



Date/Time: 2006/10/4 16:38:08

Test Laboratory: Advance Data Technology

D600-11g-CH6-Mode 6

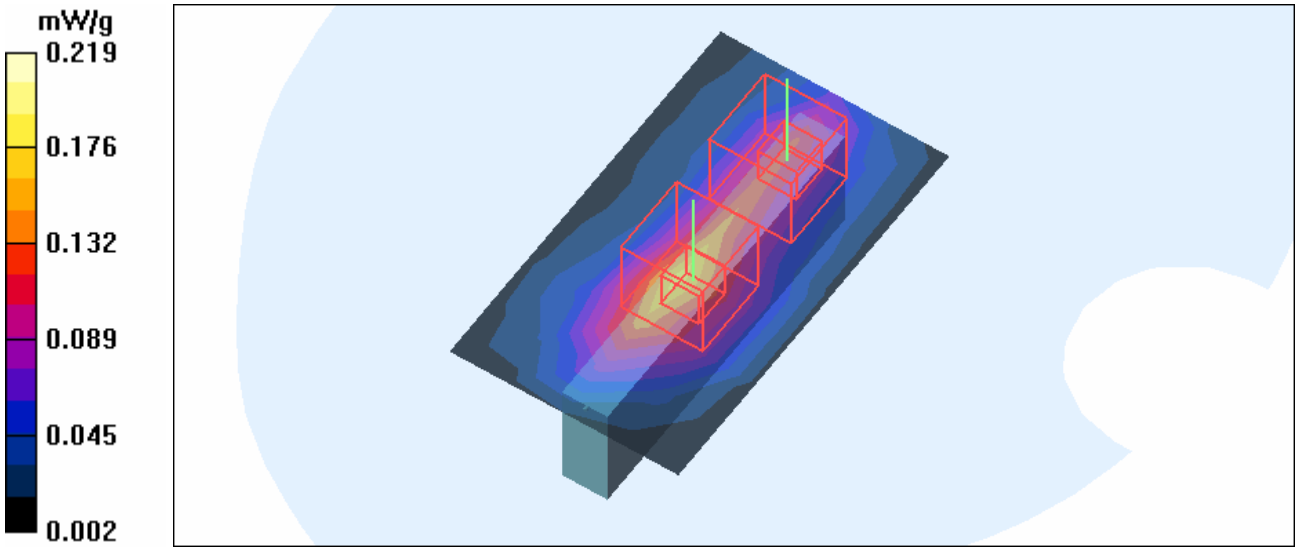
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The left side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees
DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.171 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.10 V/m
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.219 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.10 V/m
Peak SAR (extrapolated) = 0.329 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.141 mW/g



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Test Laboratory: Advance Data Technology

D600-11g-CH11-Mode 6

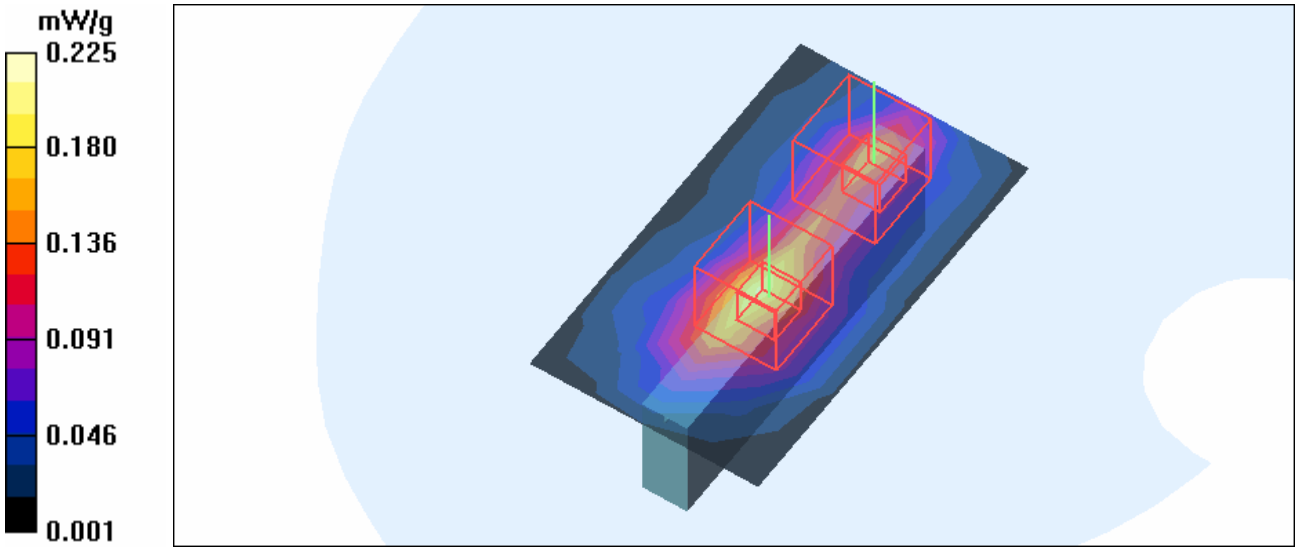
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used : f = 2462 MHz; σ = 1.97 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The left side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees
DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

High Channel 11/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.201 mW/g

High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.05 V/m
Peak SAR (extrapolated) = 0.396 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.225 mW/g

High Channel 11/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.05 V/m
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.144 mW/g



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Test Laboratory: Advance Data Technology

D600-11b-CH6-Mode 7

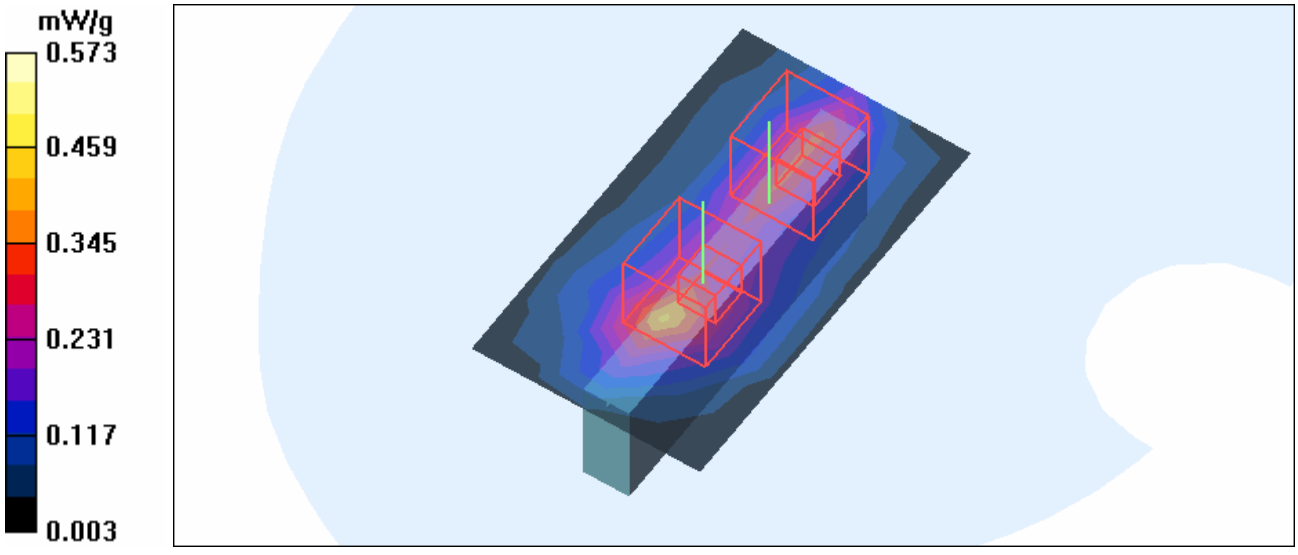
DUT: AirStation 11g 125Mbps WirelessLAN USB Adapter ; Type: WLI-U2-KG125S ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used : f = 2437 MHz; σ = 1.93 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3 ; Liquid level : 151 mm
Phantom section: Flat Section ; Separation distance : 0 mm (The right side of the EUT to the Phantom)
Antenna type : Printed Antenna ; Air temp. : 22.5 degrees ; Liquid temp. : 21.3 degrees
DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2006/3/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44 ; Postprocessing SW: SEMCAD, V1.8 Build 171

Mid Channel 6/Area Scan (5x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.399 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.6 V/m
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.238 mW/g
Maximum value of SAR (measured) = 0.573 mW/g

Mid Channel 6/Zoom Scan (7x7x7) (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.6 V/m
Peak SAR (extrapolated) = 0.909 W/kg
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.168 mW/g
Maximum value of SAR (measured) = 0.386 mW/g



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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 = 1.95 mho/m; ε_r = 52.6; 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. : 22.5 degrees ; Liquid temp. : 21.3 degrees

DASY4 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(6.47, 6.47, 6.47) ; Calibrated: 2006/3/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2006/3/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 15.8 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 = -0.146 dB
Peak SAR (extrapolated) = 30.5 W/kg
SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.33 mW/g
Maximum value of SAR (measured) = 15.4 mW/g