APPENDIX A: TEST CONFIGURATIONS AND TEST DATA

A1: TEST CONFIGURATION

Mode 1 (Notebook : DELL C600)

Bottom of the EUT to the flat phantom distance 11mm

Mode 2 (Notebook : DELL C600)

Front of the EUT to the flat phantom distance 10mm

Mode 3 (Notebook : DELL C600)

Tip of the EUT to the flat phantom distance 15mm

Mode 4 (Notebook :DELL INSPIRON 3800)

Bottom of the EUT to the flat phantom distance 11mm

Mode 5 (Notebook : DELL INSPIRON 3800)

Front of the EUT to the flat phantom distance 10mm

Mode 6 (Notebook : DELL INSPIRON 3800)

Tip of the EUT to the flat phantom distance 15mm

Mode 7 (Notebook : EVO N800C)

Bottom of the EUT to the flat phantom distance 11mm

Mode 8 (Notebook : EVO N800C)

Front of the EUT to the flat phantom distance 10mm

Mode 9 (Notebook : EVO N800C)

Tip of the EUT to the flat phantom distance 15mm

EUT Photo


XI-330HP
2


誠信科技(ADT corp) ADT No: 921014H03
Applicant Z-Com Date 92/10/14
Model Name XI-330HP
Purpose ☑報告 ☐量產 ☐寄測 ☐週邊
Service Type: FCC
Notes: ch1~13 = AC ac.

Liquid Level Photo

2450MHz D=155mm

A2 : TEST DATA

Date/Time: 10/24/03 12:16:28

Test Laboratory: Advance Data Technology

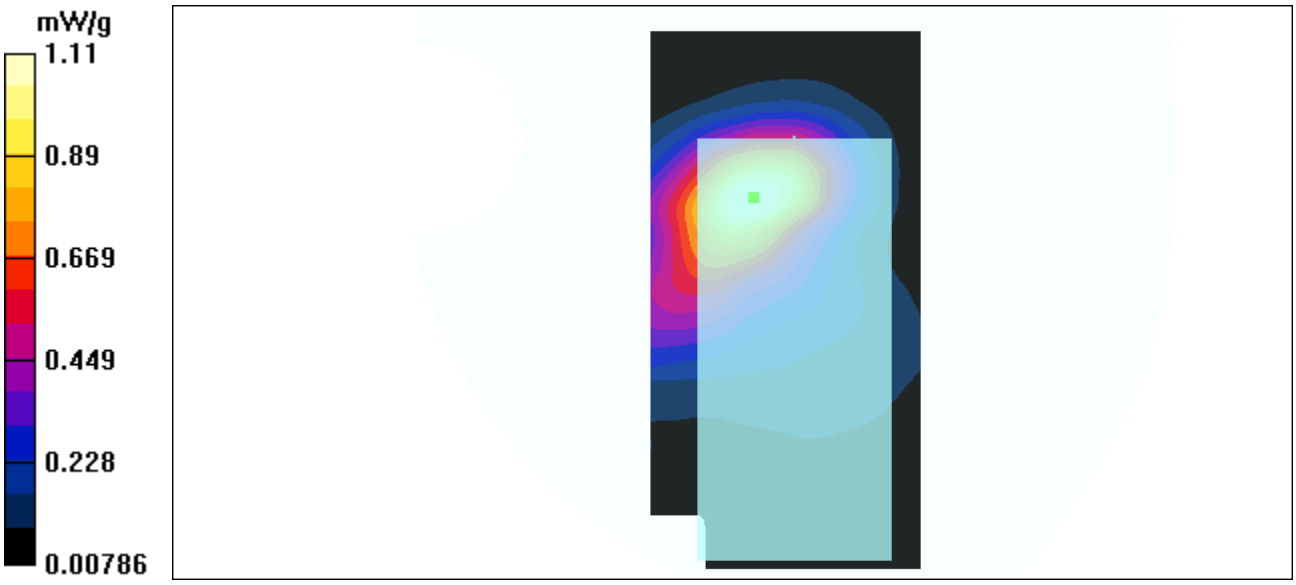
XI-330HP 11.b DELL C600 Mode 1

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 17.3 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 1.14 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.28 W/kg
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.539 mW/g
Reference Value = 17.3 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 1.11 mW/g



Date/Time: 10/24/03 12:44:12

Test Laboratory: Advance Data Technology

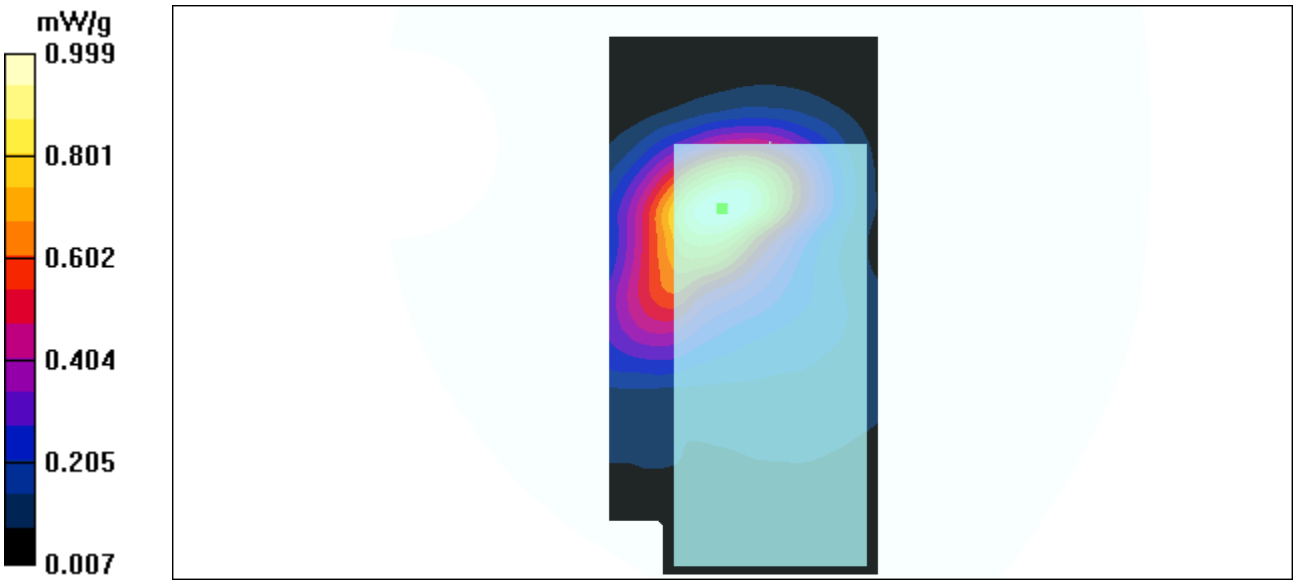
XI-330HP 11.b DELL C600Mode 1

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.8 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 1.01 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.489 mW/g
Reference Value = 15.8 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 0.999 mW/g



Date/Time: 10/24/03 13:06:08

Test Laboratory: Advance Data Technology

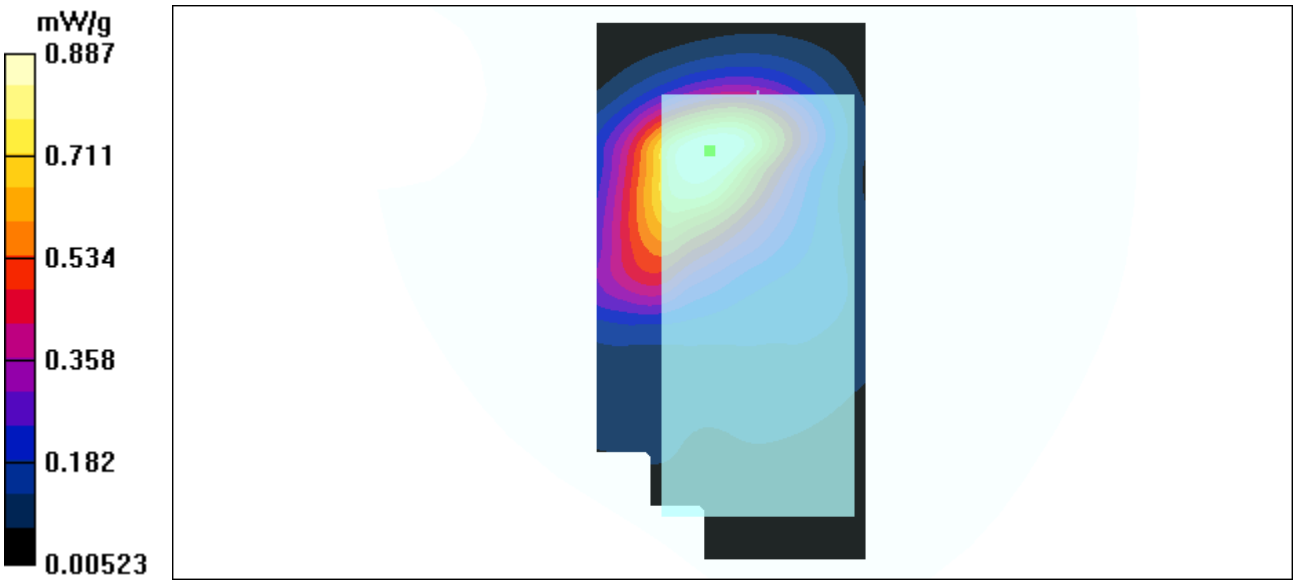
XI-330HP 11.b DELL C600 Mode 1

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 14.8 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.925 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.445 mW/g
Reference Value = 14.8 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.887 mW/g



Date/Time: 10/24/03 13:54:22

Test Laboratory: Advance Data Technology

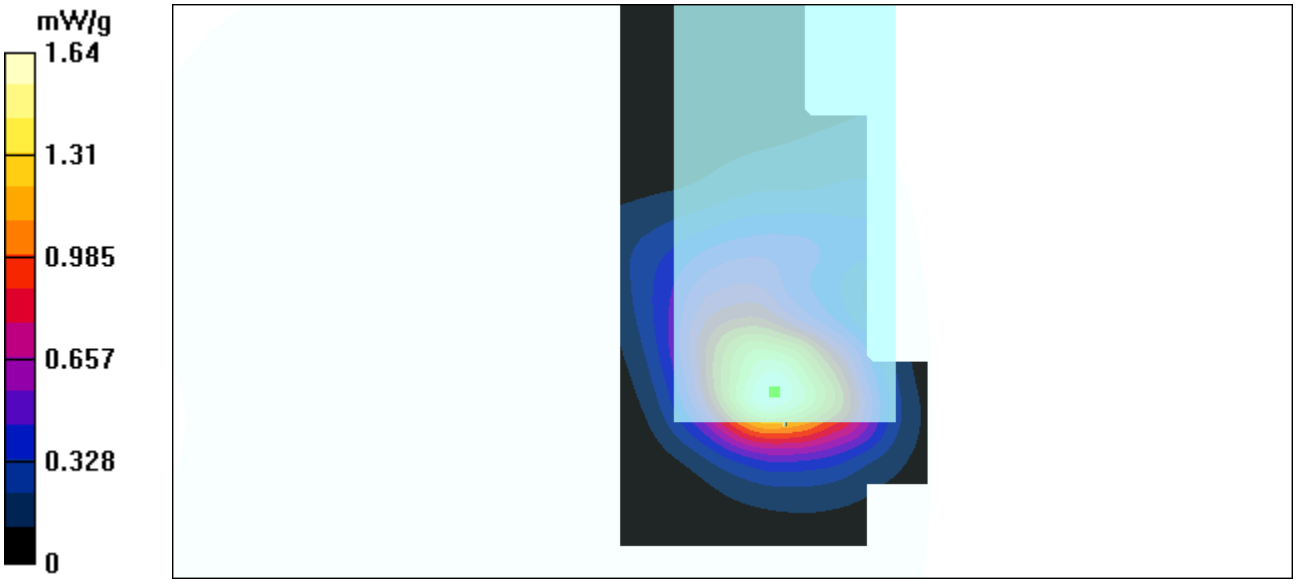
XI-330HP 11.b DELL C600 Mode 2

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 26.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.64 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.756 mW/g
Reference Value = 26.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.56 mW/g



Date/Time: 10/24/03 14:13:58

Test Laboratory: Advance Data Technology

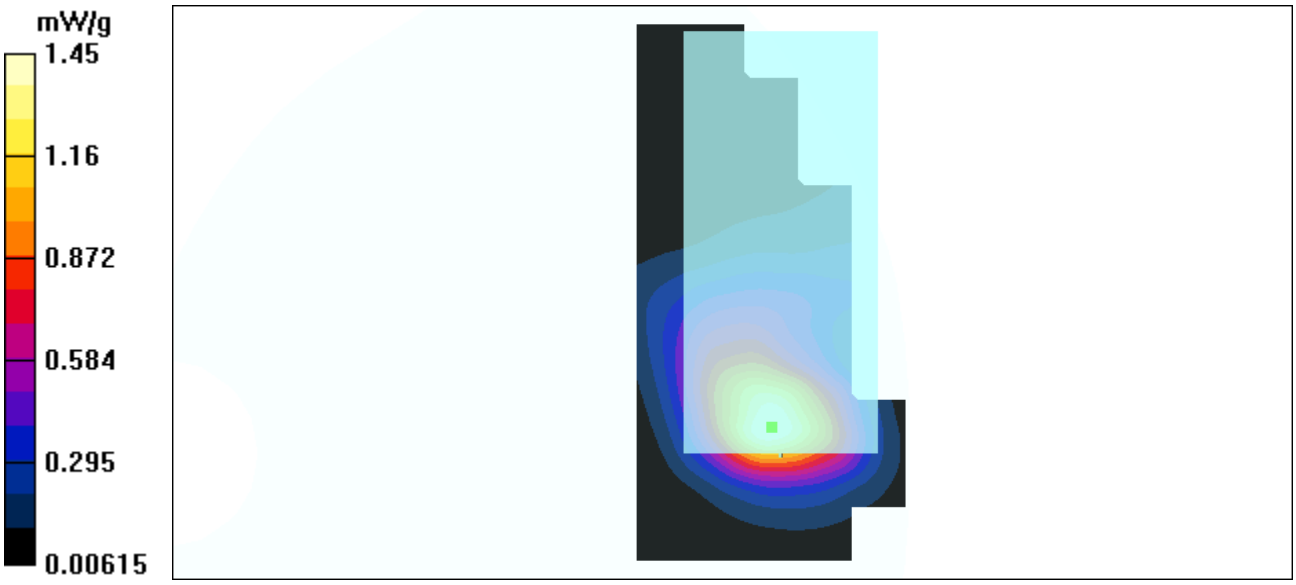
XI-330HP 11.b DELL C600 Mode 2

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 24.5 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 1.47 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 1.39 mW/g; SAR(10 g) = 0.705 mW/g
Reference Value = 24.5 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 1.45 mW/g



Date/Time: 10/24/03 14:34:08

Test Laboratory: Advance Data Technology

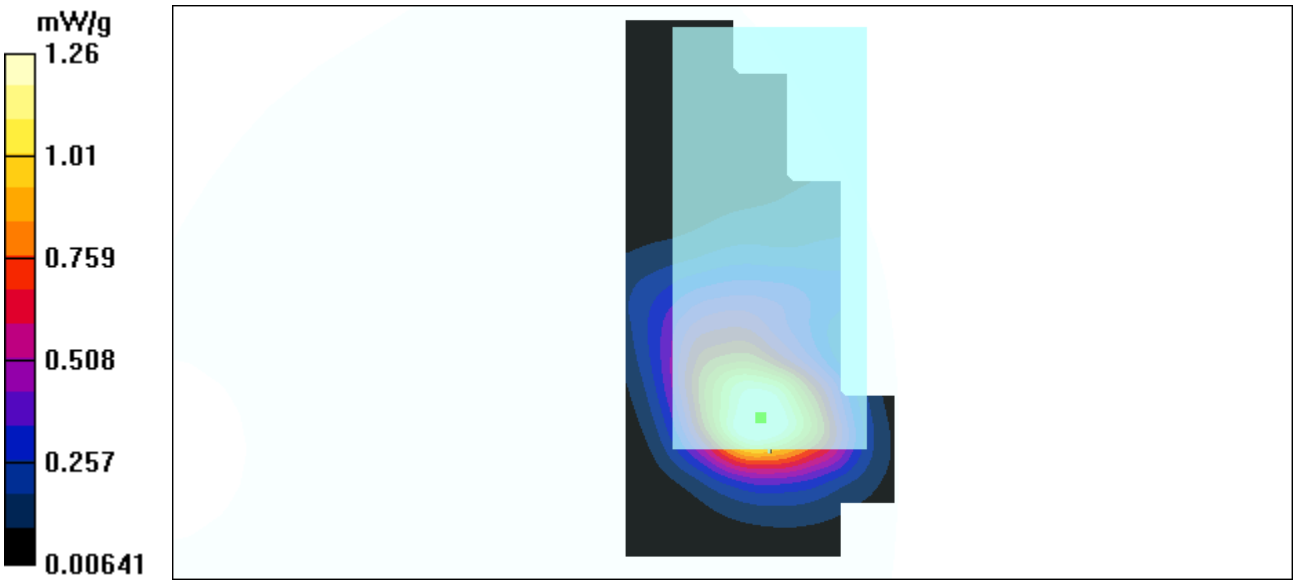
XI-330HP 11.b DELL C600 Mode 2

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.6 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 1.36 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.57 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.607 mW/g
Reference Value = 23.6 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 1.26 mW/g



Date/Time: 10/24/03 15:05:56

Test Laboratory: Advance Data Technology

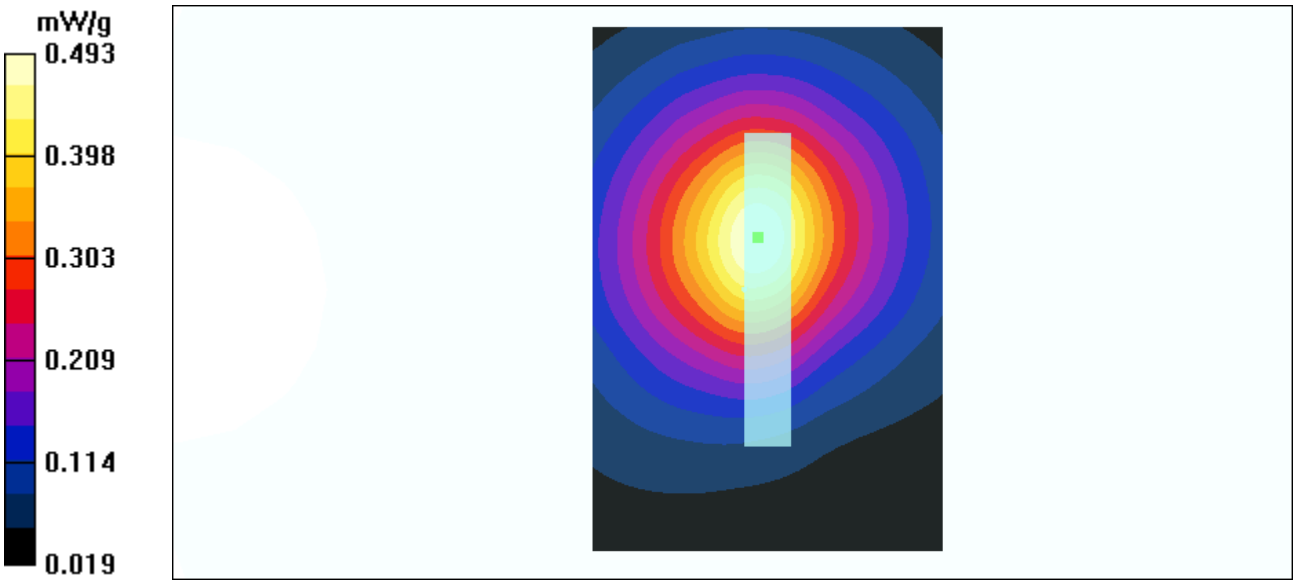
XI-330HP 11.b DELL C600 Mode 3

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 15.9 V/m
Power Drift = -0.6 dB
Maximum value of SAR = 0.493 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.89 W/kg
SAR(1 g) = 0.438 mW/g; SAR(10 g) = 0.231 mW/g
Reference Value = 15.9 V/m
Power Drift = -0.6 dB
Maximum value of SAR = 0.461 mW/g



Date/Time: 10/24/03 15:58:06

Test Laboratory: Advance Data Technology

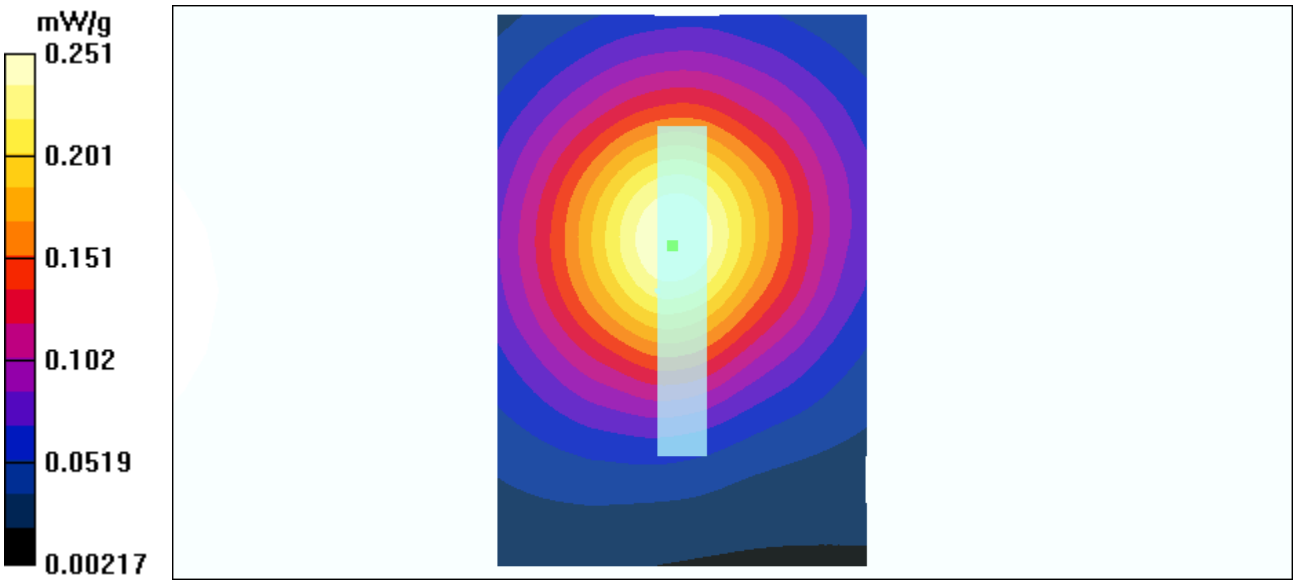
XI-330HP 11.b DELL C600 Mode 3

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 11.3 V/m
Power Drift = 0.006 dB
Maximum value of SAR = 0.253 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.486 W/kg
SAR(1 g) = 0.24 mW/g; SAR(10 g) = 0.129 mW/g
Reference Value = 11.3 V/m
Power Drift = 0.006 dB
Maximum value of SAR = 0.251 mW/g



Date/Time: 10/24/03 16:20:32

Test Laboratory: Advance Data Technology

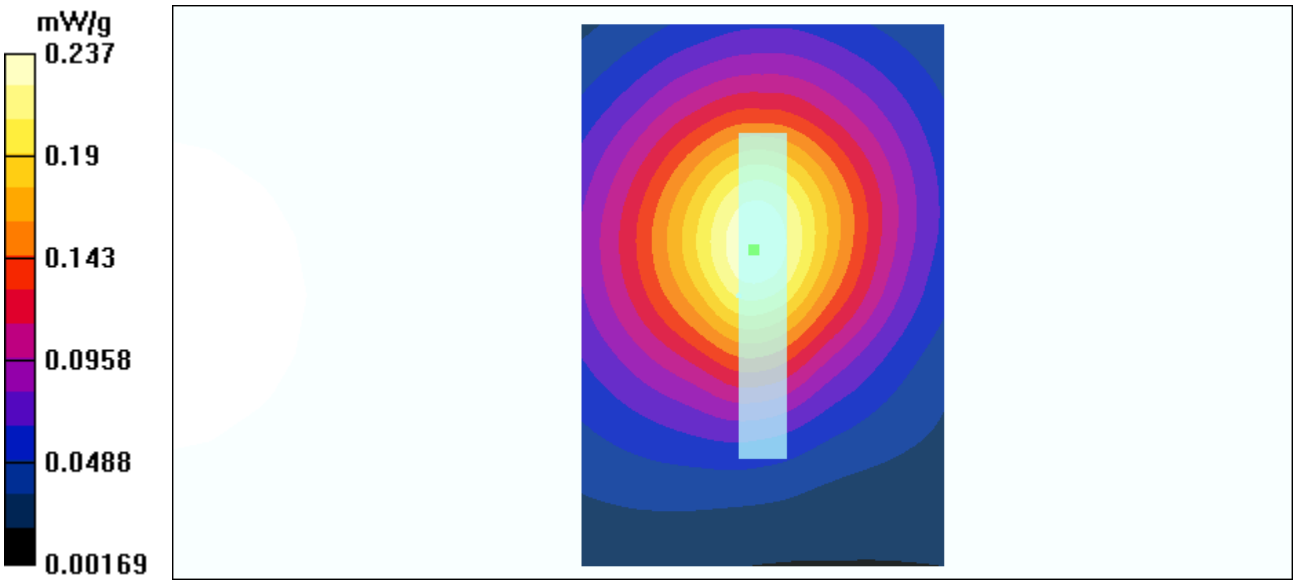
XI-330HP 11.b DELL C600 Mode 3

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 10.9 V/m
Power Drift = -0.004 dB
Maximum value of SAR = 0.236 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.121 mW/g
Reference Value = 10.9 V/m
Power Drift = -0.004 dB
Maximum value of SAR = 0.237 mW/g



Date/Time: 10/24/03 18:08:46

Test Laboratory: Advance Data Technology

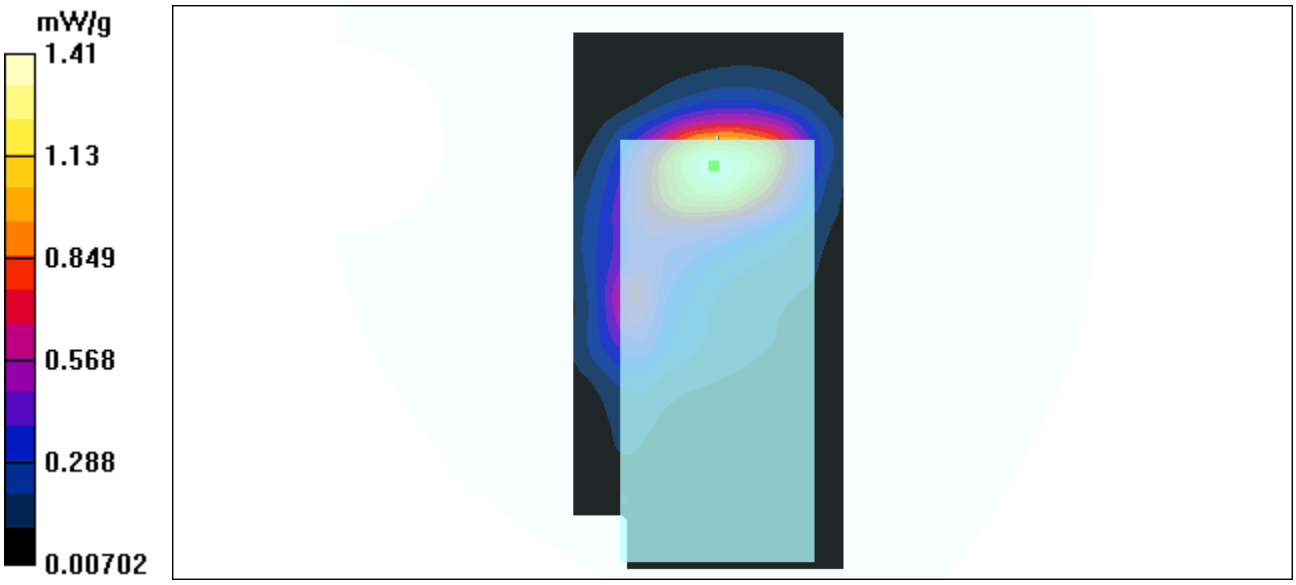
XI-330HP 11.b DELL INSPIRON 3800 Mode 4

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 24.4 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.39 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 3.06 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.67 mW/g
Reference Value = 24.4 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.41 mW/g



Date/Time: 10/24/03 18:08:46

Test Laboratory: Advance Data Technology

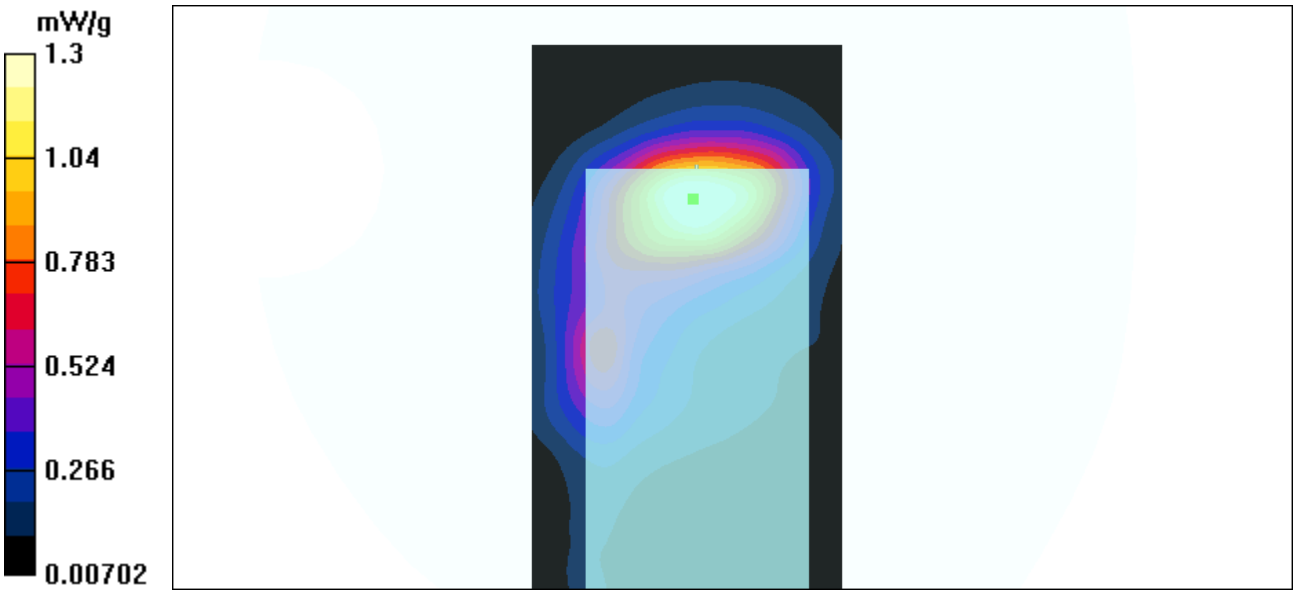
XI-330HP 11.b DELL INSPIRON 3800 Mode 4

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 24.0 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 1.3 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.96 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.61 mW/g
Reference Value = 24.0 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 1.3 mW/g



Date/Time: 10/24/03 18:08:46

Test Laboratory: Advance Data Technology

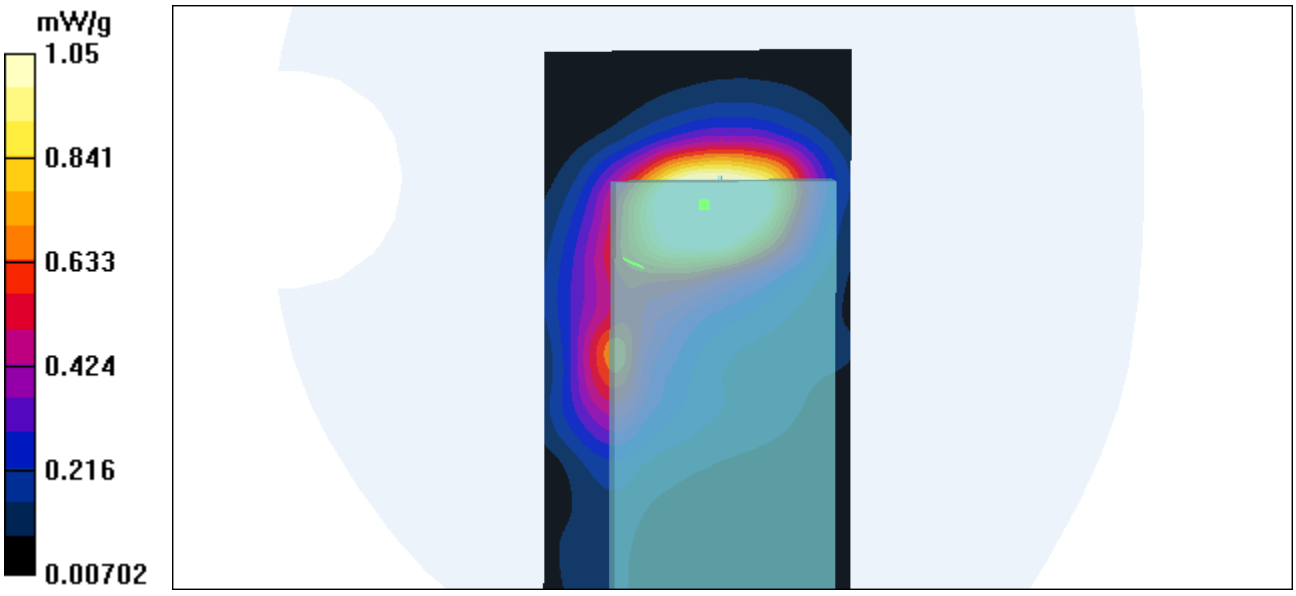
XI-330HP 11.b DELL INSPIRON 3800 Mode 4

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.8 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 1.02 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.81 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.58 mW/g
Reference Value = 23.8 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 1.05 mW/g



Date/Time: 10/24/03 19:31:26

Test Laboratory: Advance Data Technology

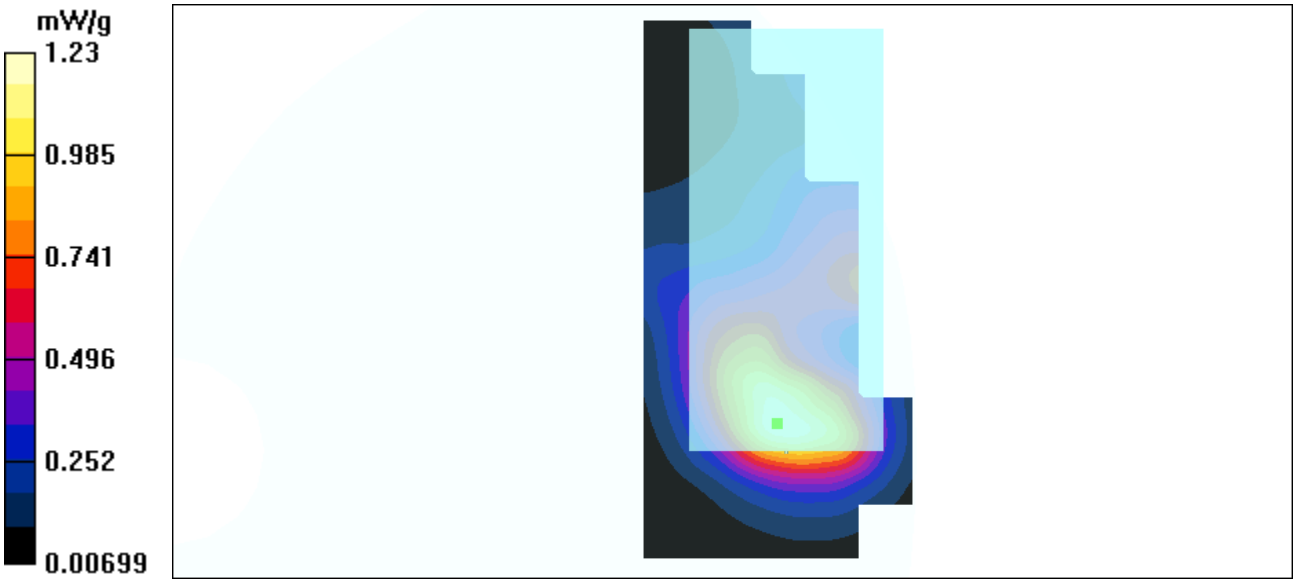
XI-330HP 11.b DELL INSPIRON 3800 Mode 5

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.5 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.22 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.47 W/kg
SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.613 mW/g
Reference Value = 23.5 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.23 mW/g



Date/Time: 10/24/03 19:31:26

Test Laboratory: Advance Data Technology

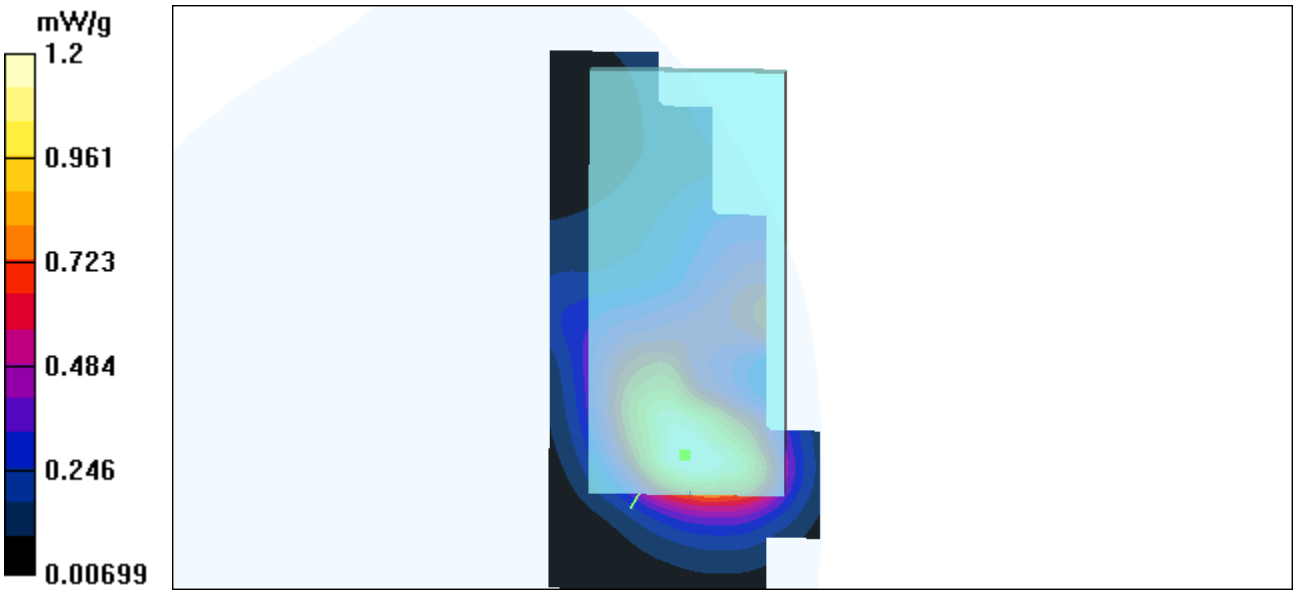
XI-330HP 11.b DELL INSPIRON 3800 Mode 5

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.2 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 1.14 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.604 mW/g
Reference Value = 23.2 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 1.2 mW/g



Date/Time: 10/24/03 19:31:26

Test Laboratory: Advance Data Technology

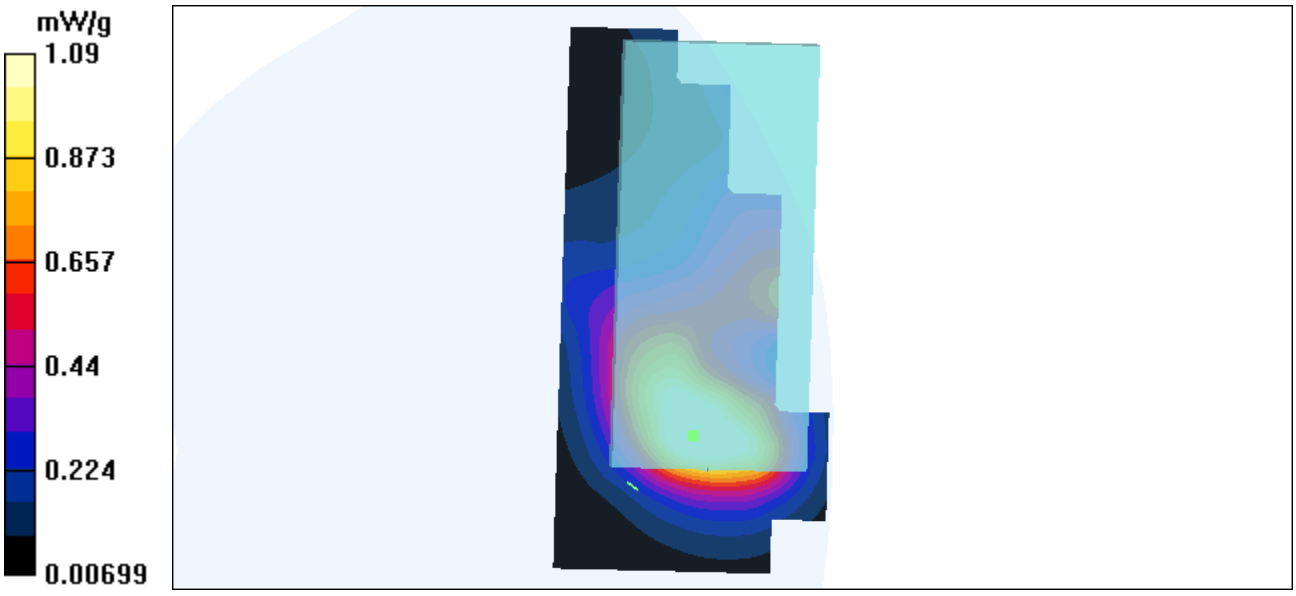
XI-330HP 11.b DELL INSPIRON 3800 Mode 5

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 22.8 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.98 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.96 W/kg
SAR(1 g) = 0.98 mW/g; SAR(10 g) = 0.589 mW/g
Reference Value = 22.8 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 1.09 mW/g



Date/Time: 10/24/03 20:36:44

Test Laboratory: Advance Data Technology

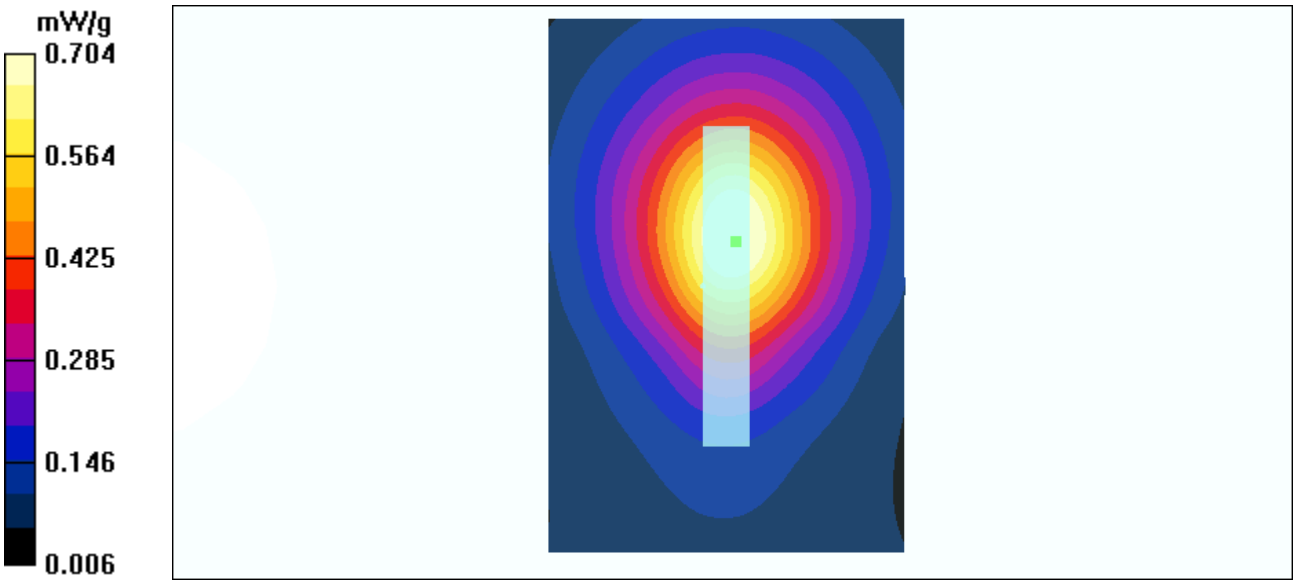
XI-330HP 11.b DELL INSPIRON 3800 Mode 6

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 19 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.733 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.348 mW/g
Reference Value = 19 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.704 mW/g



Date/Time: 10/24/03 20:36:44

Test Laboratory: Advance Data Technology

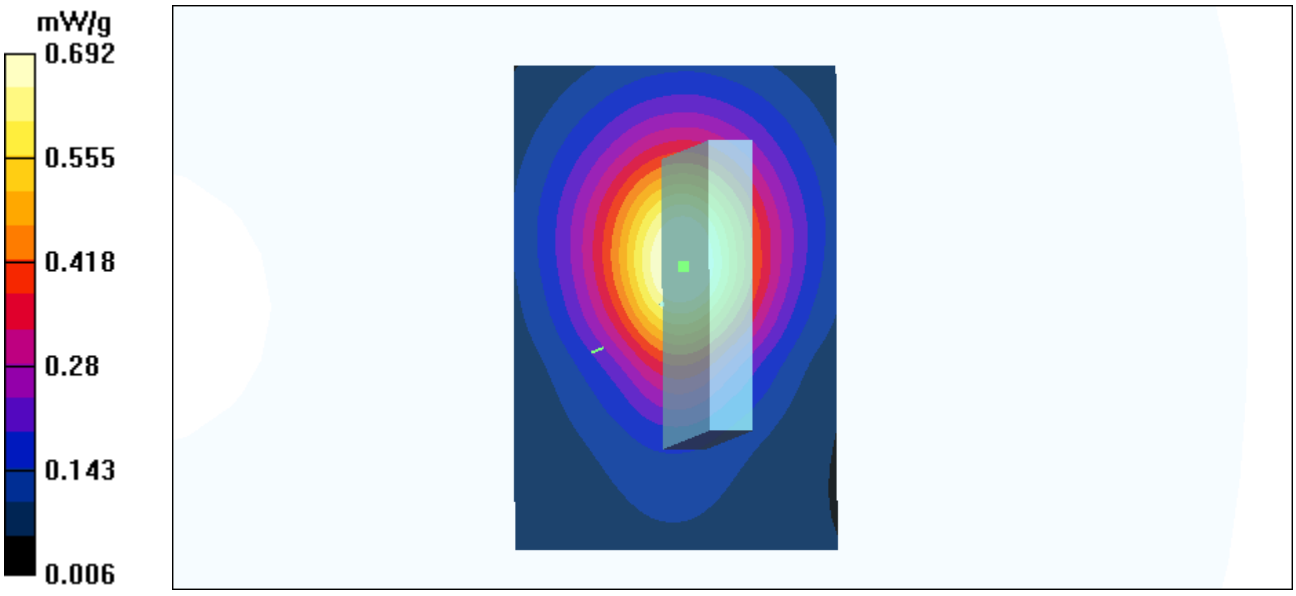
XI-330HP 11.b DELL INSPIRON 3800 Mode 6

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 18.8 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.714 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.642 mW/g; SAR(10 g) = 0.322 mW/g
Reference Value = 18.8 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.692 mW/g



Date/Time: 10/24/03 20:36:44

Test Laboratory: Advance Data Technology

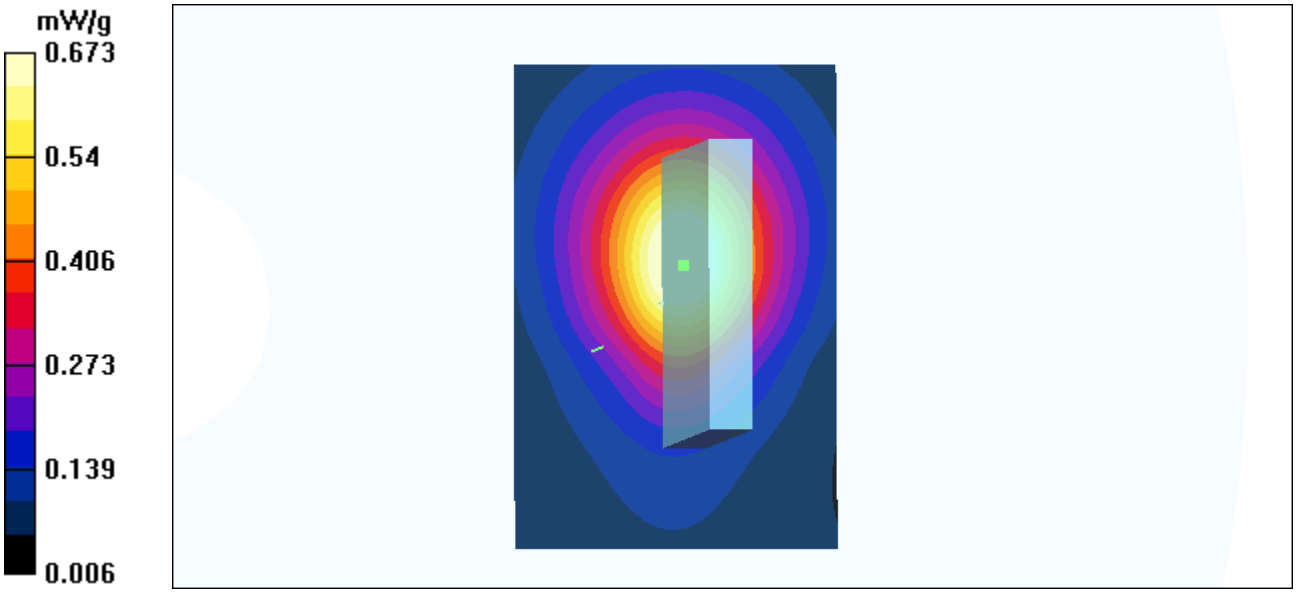
XI-330HP 11.b DELL INSPIRON 3800 Mode 6

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 18.2 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 0.685 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.297 mW/g
Reference Value = 18.2 V/m
Power Drift = -0.08 dB
Maximum value of SAR = 0.673 mW/g



Date/Time: 10/24/03 18:32:12

Test Laboratory: Advance Data Technology

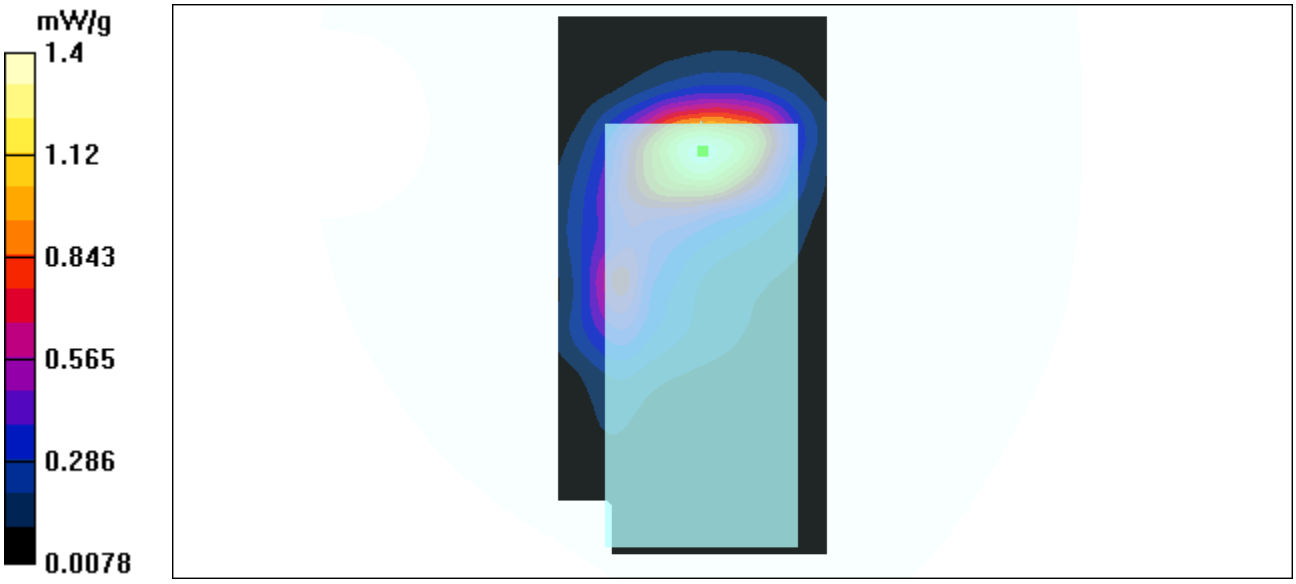
XI-330HP 11.b EVO N800C Mode 7

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.9 V/m
Power Drift = -0.004 dB
Maximum value of SAR = 1.36 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 3.08 W/kg
SAR(1 g) = 1.36 mW/g; SAR(10 g) = 0.668 mW/g
Reference Value = 23.9 V/m
Power Drift = -0.004 dB
Maximum value of SAR = 1.4 mW/g



Date/Time: 10/24/03 18:57:00

Test Laboratory: Advance Data Technology

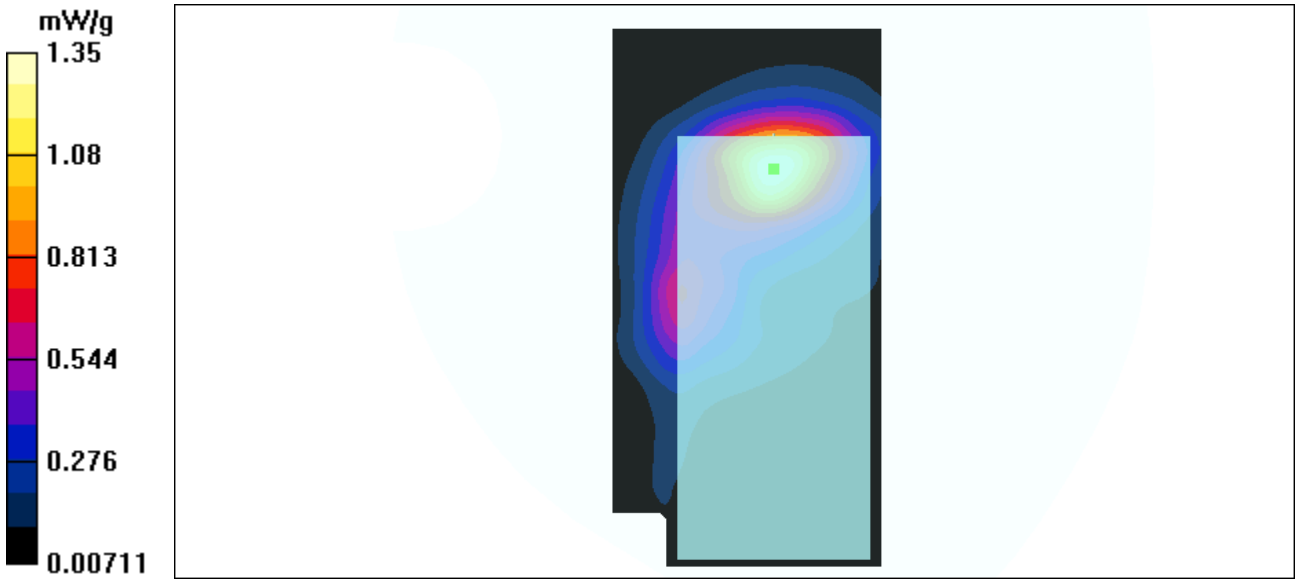
XI-330HP 11.b EVO N800C Mode 7

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 23.2 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 1.34 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 1.3 mW/g; SAR(10 g) = 0.625 mW/g
Reference Value = 23.2 V/m
Power Drift = -0.07 dB
Maximum value of SAR = 1.35 mW/g



Date/Time: 10/24/03 18:57:00

Test Laboratory: Advance Data Technology

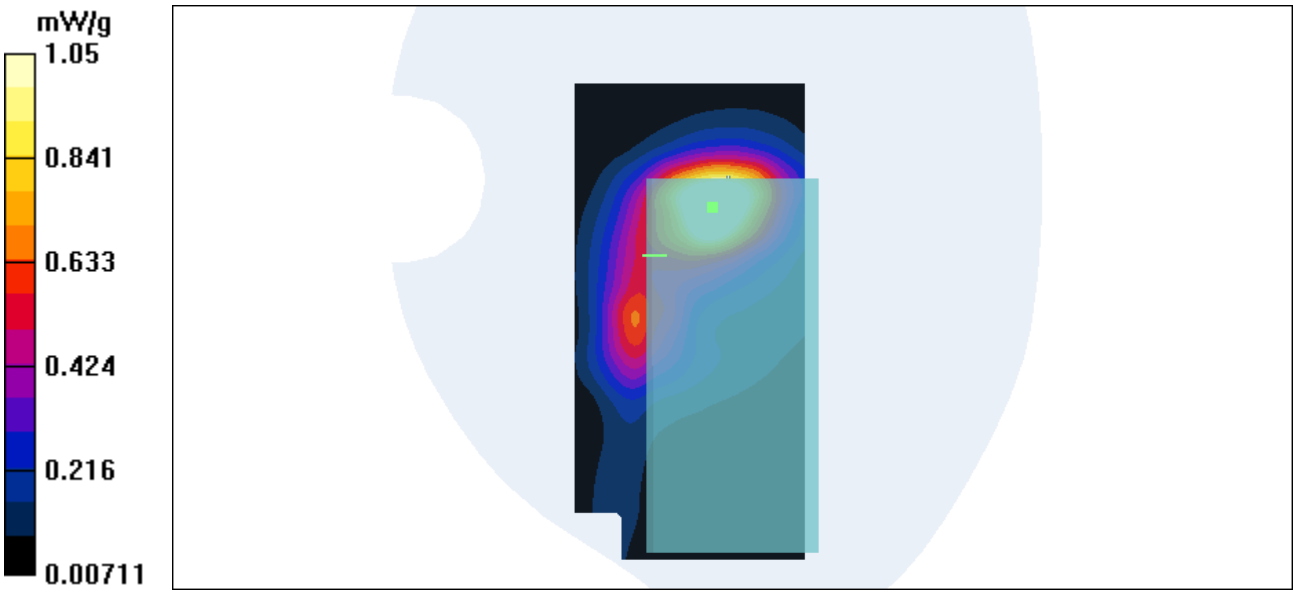
XI-330HP 11.b EVO N800C Mode 7

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11mm(The bottom of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 22.2 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 1.18 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.74 W/kg
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.589 mW/g
Reference Value = 22.2 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 1.05 mW/g



Date/Time: 10/24/03 19:52:54

Test Laboratory: Advance Data Technology

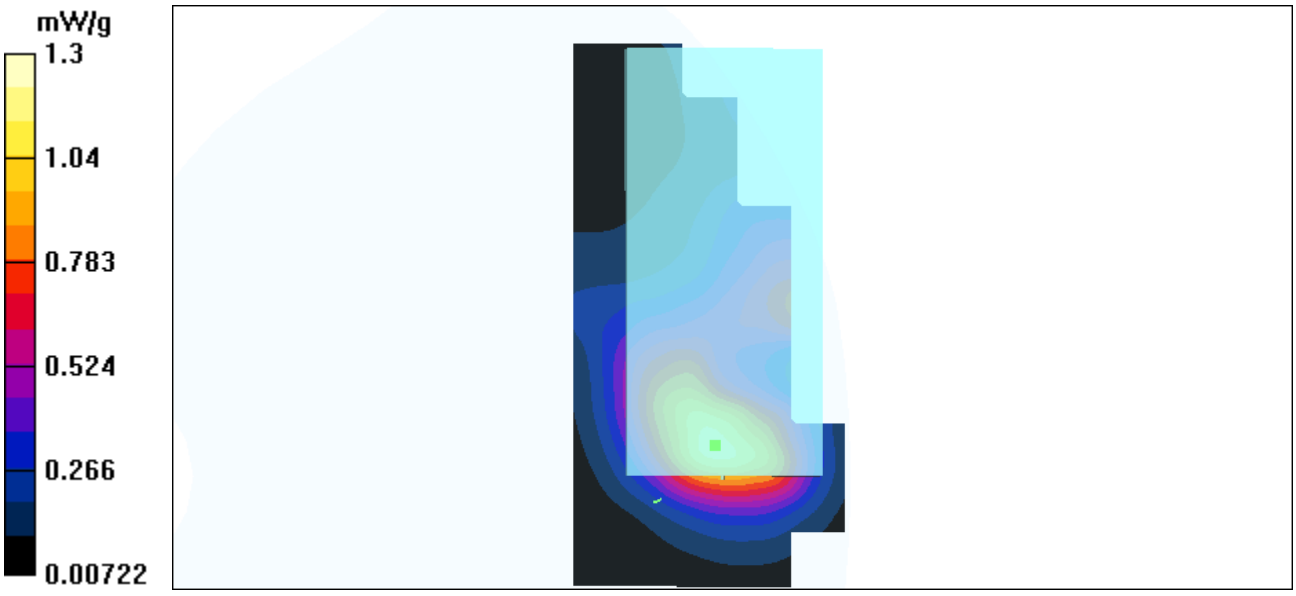
XI-330HP 11.b EVO N800C Mode 8

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 22.5 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 1.34 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.58 W/kg
SAR(1 g) = 1.28 mW/g; SAR(10 g) = 0.604 mW/g
Reference Value = 22.5 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 1.3 mW/g



Date/Time: 10/24/03 19:52:54

Test Laboratory: Advance Data Technology

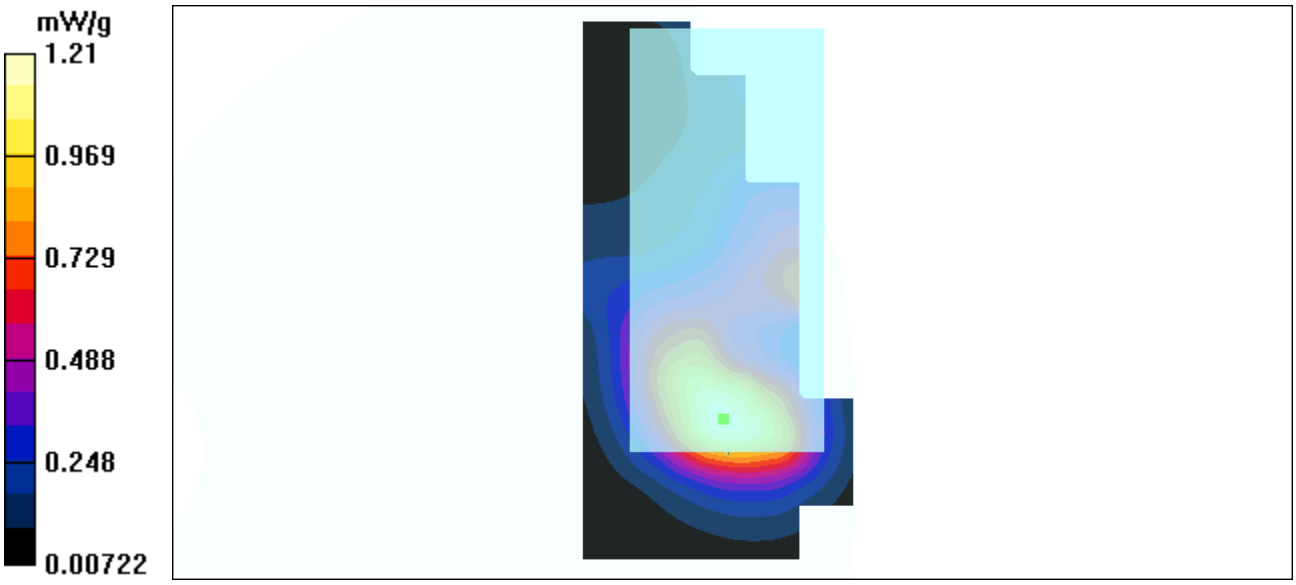
XI-330HP 11.b EVO N800C Mode 8

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 22.4 V/m
Power Drift = 0.004 dB
Maximum value of SAR = 1.18 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.42 W/kg
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.591 mW/g
Reference Value = 22.4 V/m
Power Drift = 0.004 dB
Maximum value of SAR = 1.21 mW/g



Date/Time: 10/24/03 19:52:54

Test Laboratory: Advance Data Technology

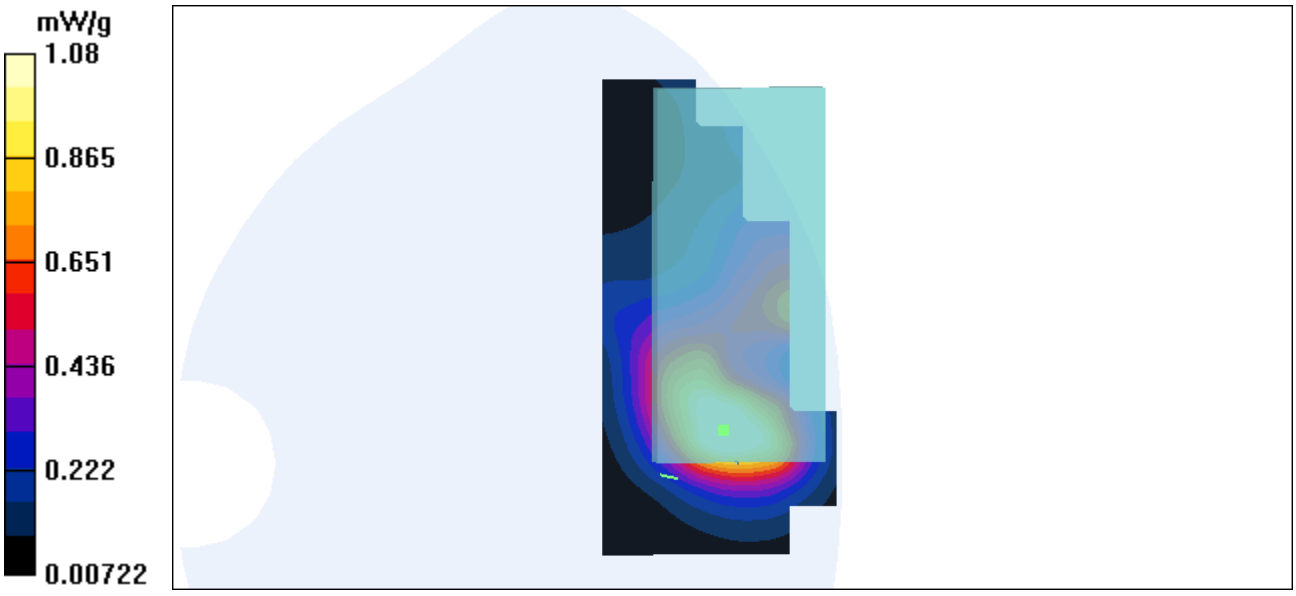
XI-330HP 11.b EVO N800C Mode 8

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10 mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 21.8 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 1.09 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.945 mW/g; SAR(10 g) = 0.537 mW/g
Reference Value = 21.8 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 1.08 mW/g



Date/Time: 10/24/03 20:53:56

Test Laboratory: Advance Data Technology

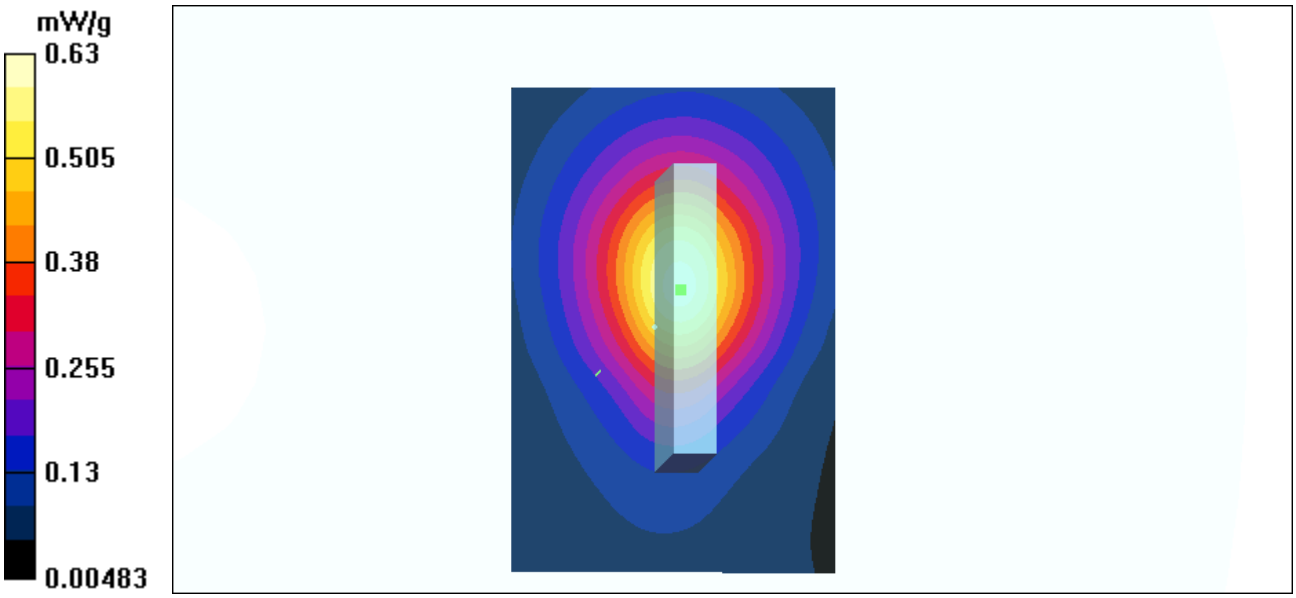
XI-330HP 11.b EVO N800C Mode 9

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 17.8 V/m
Power Drift = 0.04 dB
Maximum value of SAR = 0.636 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.348 mW/g
Reference Value = 17.8 V/m
Power Drift = 0.04 dB
Maximum value of SAR = 0.63 mW/g



Date/Time: 10/24/03 20:53:56

Test Laboratory: Advance Data Technology

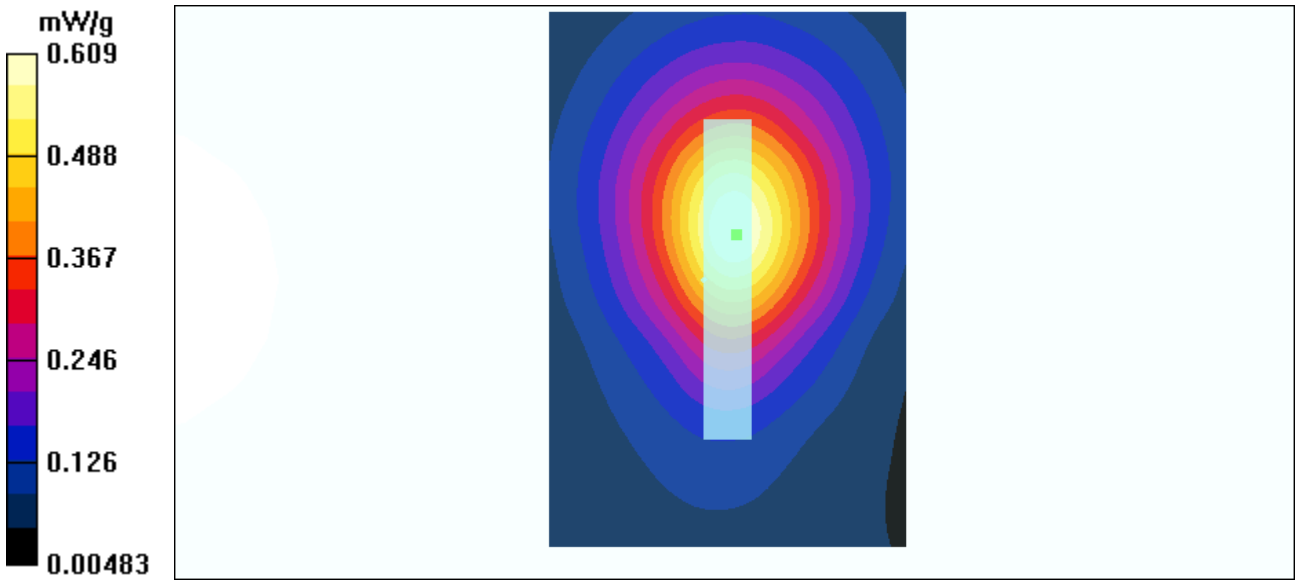
XI-330HP 11.b EVO N800C Mode 9

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.938 mho/m, ε_r = 52.68, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 17 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 0.61 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.303 mW/g
Reference Value = 17 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 0.609 mW/g



Date/Time: 10/24/03 20:53:56

Test Laboratory: Advance Data Technology

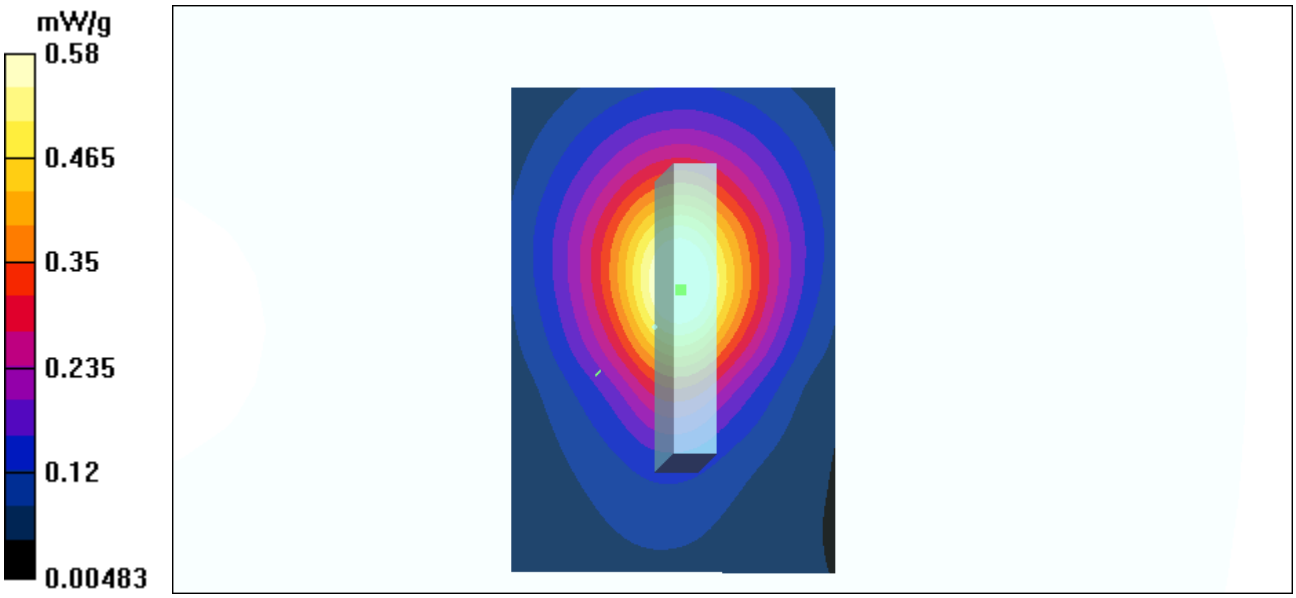
XI-330HP 11.b EVO N800C Mode 9

DUT: WLAN HP Card ; Type: XI-330HP ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.948 mho/m, ε_r = 52.58, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 15mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 16.8 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.594 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.289 mW/g
Reference Value = 16.8 V/m
Power Drift = 0.2 dB
Maximum value of SAR = 0.58 mW/g



Date/Time: 10/24/03 14:34:08

Test Laboratory: The name of your organization

XI-330HP 11.b DELL C600 Mode 2

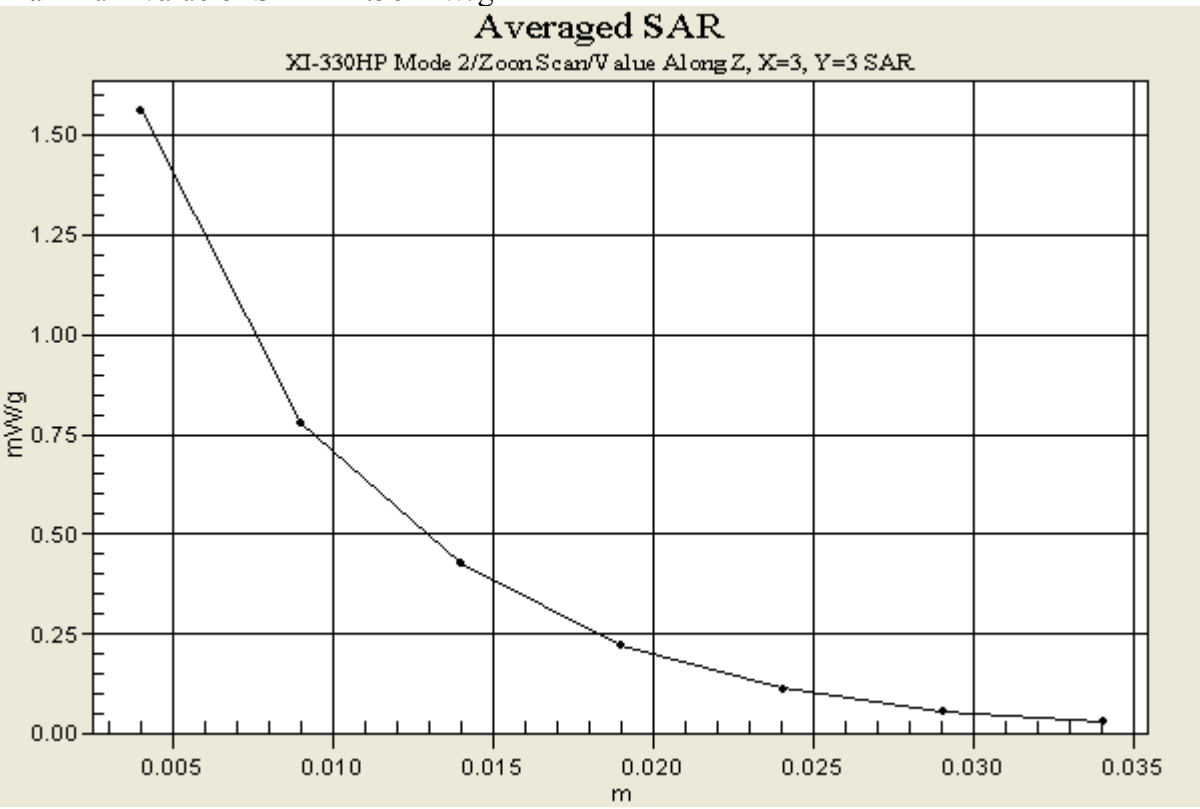
DUT: WLAN HP Card ; Type: XI-330HP

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 (σ = 1.932 mho/m, ε_r = 52.72, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10mm(The front side of EUT to the Phantom)

Antenna type : Internal Antenna; Air tempreature : 22.0 ˪ ; Liquid temperature : 21.0 ˪

DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 2003/6/2
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 26.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.64 mW/g
Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 3.15 W/kg
SAR(1 g) = 1.49 mW/g; SAR(10 g) = 0.756 mW/g
Reference Value = 26.3 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 1.56 mW/g



A3 : SYSTEM VALIDATION

Date/Time: 10/24/03 10:47:14

Test Laboratory: Advance Data Technology

SystemPerformanceCheck-Body 2450-2003-10-24

DUT: Dipole 2450 MHz ; Type: D2450V2

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL2450 (σ = 1.944 mho/m, ε_r = 52.64, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10mm(The feetpoint of the dipole to the Phantom)
Air temp. : 22.0 degrees ; Liquid temp. : 21 degrees

DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 57.5 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 5.85 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 11.7 W/kg
SAR(1 g) = 5.23 mW/g; SAR(10 g) = 2.41 mW/g
Reference Value = 57.5 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 5.79 mW/g