APPENDIX A: TEST CONFIGURATIONS AND TEST DATA
A1: TEST CONFIGURATION

Bottom of EUT Position (Notebook: Compaq Evo N800C)

The Bottom of the EUT to the flat phantom distance 11 mm

Antenna Bottom Position (Notebook: DELL D600)

The Bottom of the EUT to the flat phantom distance 15 mm

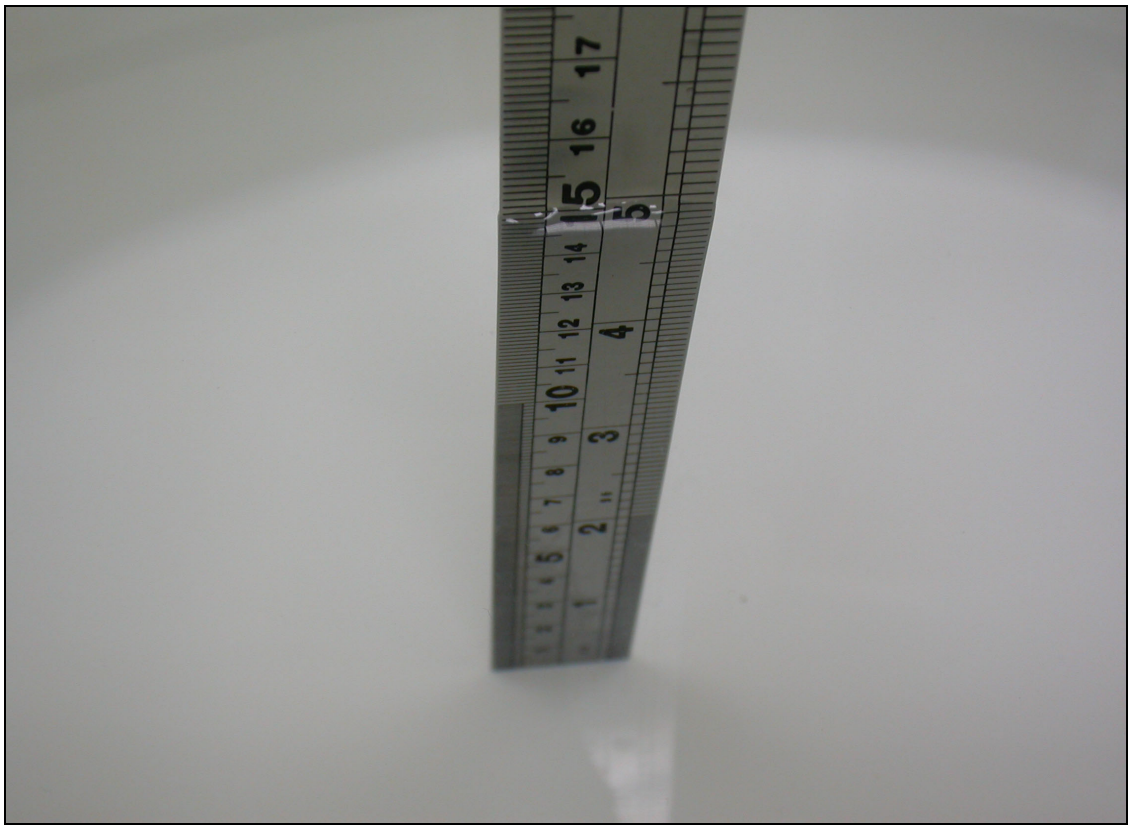
Antenna Bottom Position (Notebook: DELL C600)

The Bottom of the EUT to the flat phantom distance 12 mm

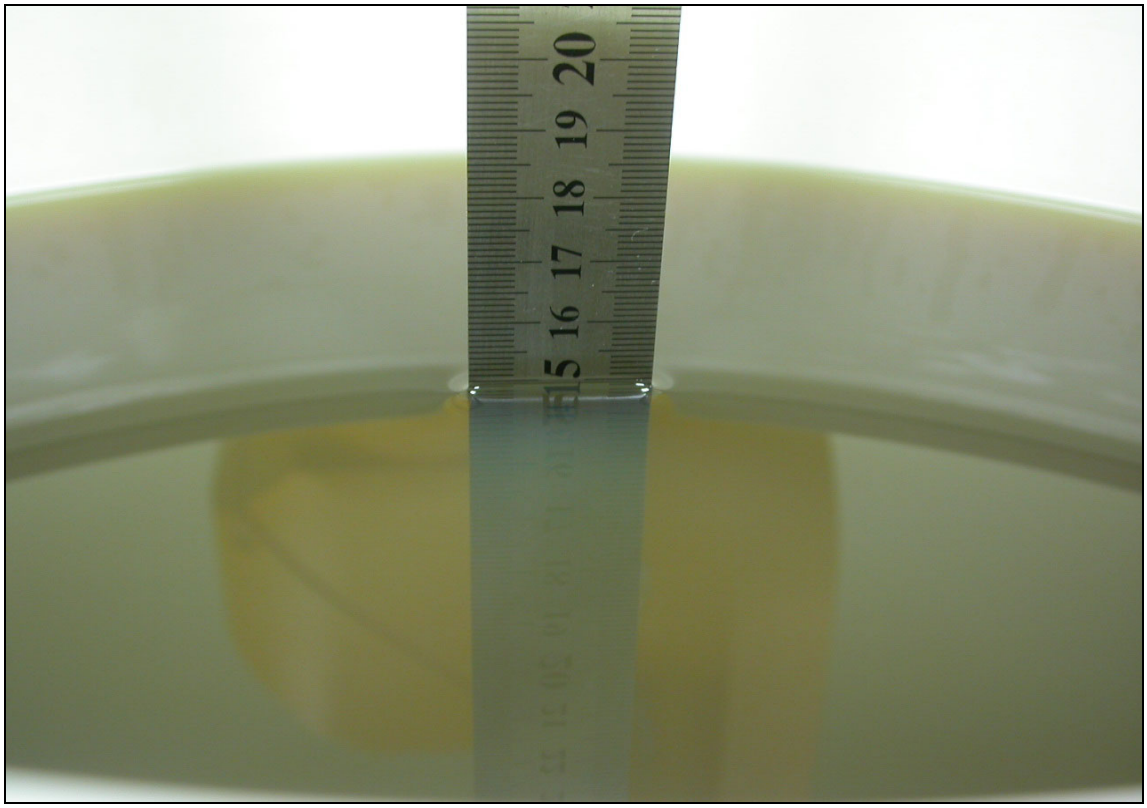
EUT Photo

Liquid Level Photo

MSL 2450MHz D=150mm



MSL 5000MHz D=150mm



Date/Time: 2005/5/9 04:02:34

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11b Mode 1

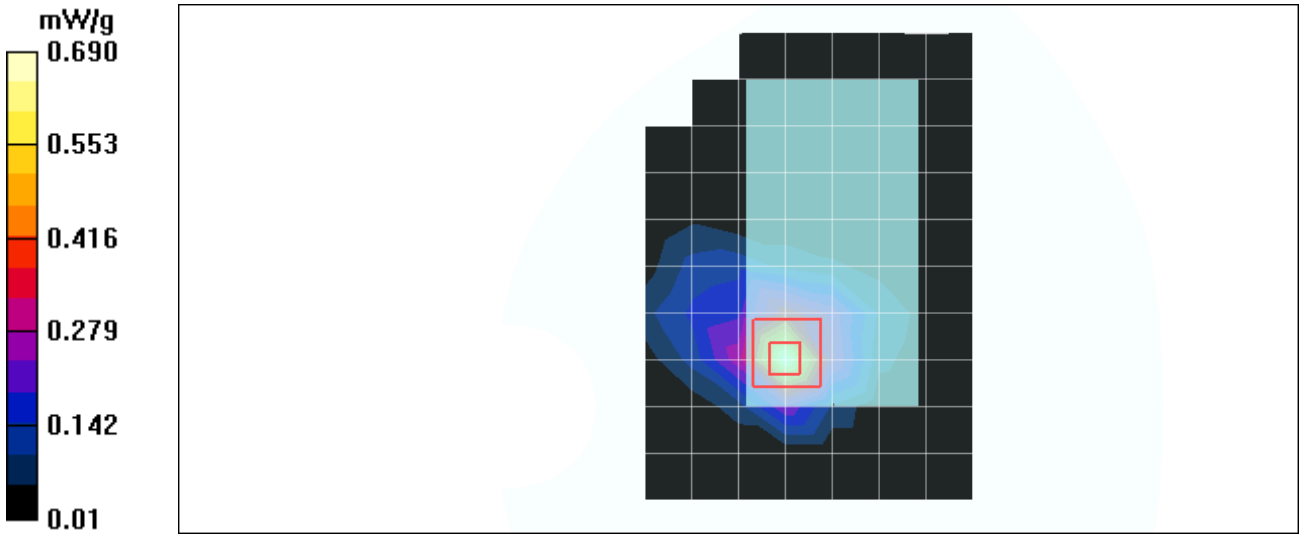
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.99 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 1/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.677 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.21 V/m
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.690 mW/g



Date/Time: 2005/5/9 04:23:45

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11b Mode 1

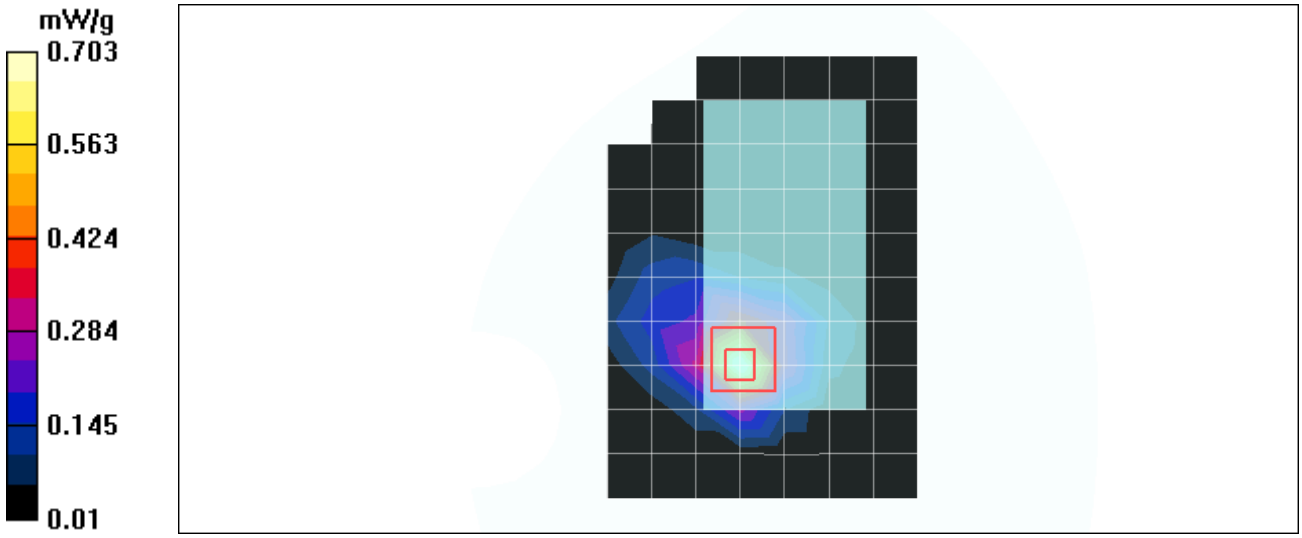
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.742 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.43 V/m
Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.312 mW/g
Maximum value of SAR (measured) = 0.703 mW/g



Date/Time: 2005/5/9 04:43:09

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11b Mode 1

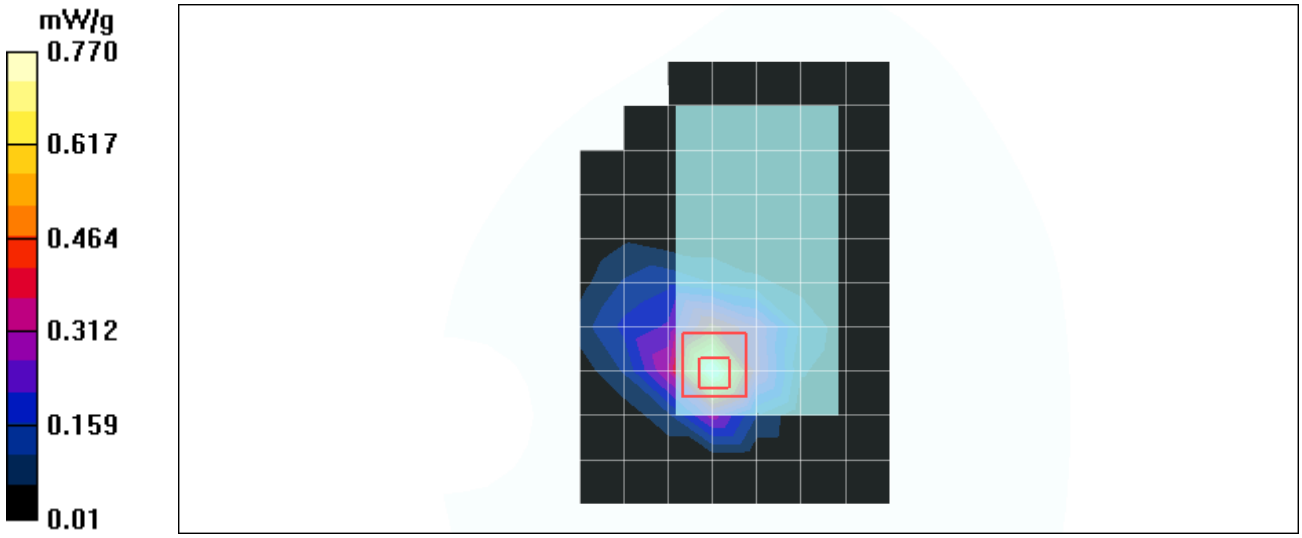
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.05 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.804 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.58 V/m
Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.343 mW/g
Maximum value of SAR (measured) = 0.770 mW/g



Date/Time: 2005/5/9 05:26:43

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11g Mode 2

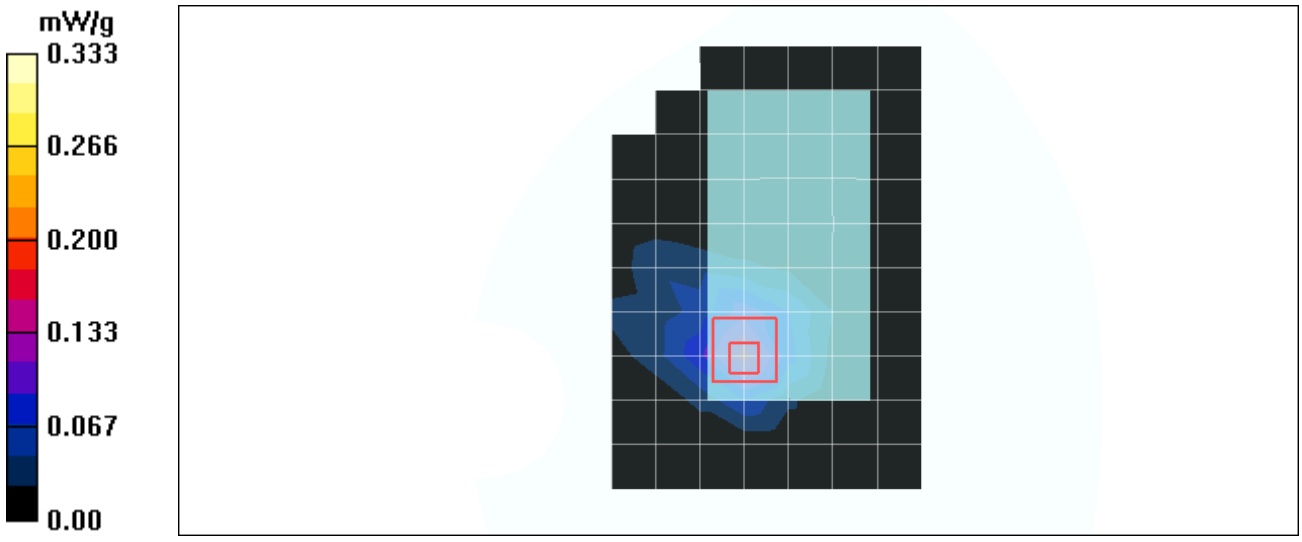
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.99 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 10mm (Mechanical Surface Detection)Sensor-Surface: 5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 1/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.169 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.17 V/m
Peak SAR (extrapolated) = 0.783 W/kg

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.333 mW/g



Date/Time: 2005/5/9 05:46:46

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11g Mode 2

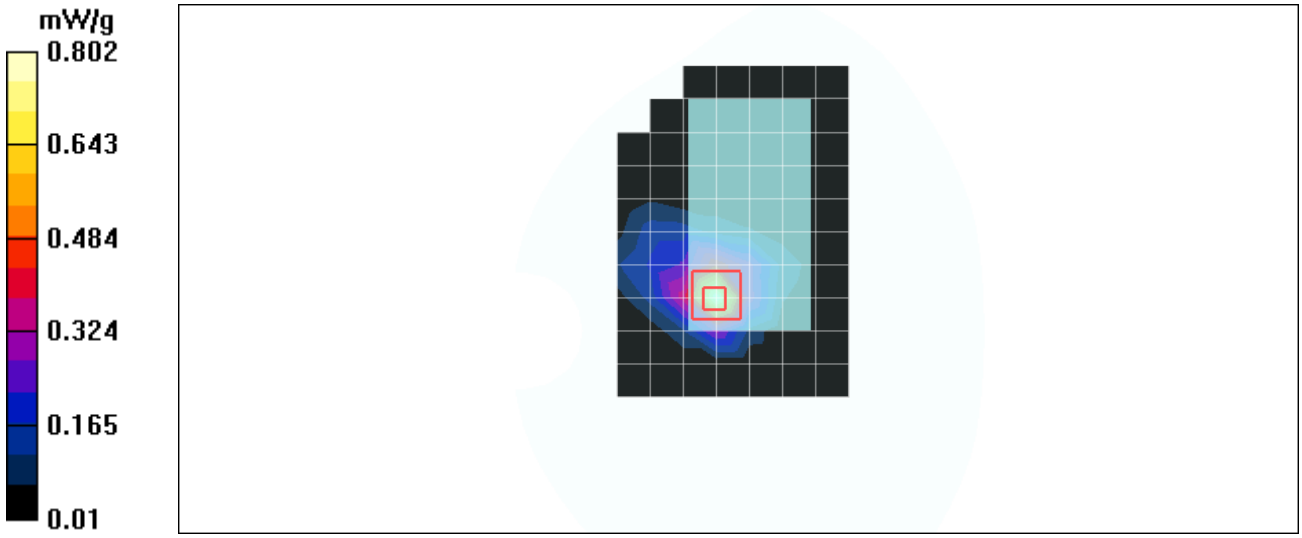
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

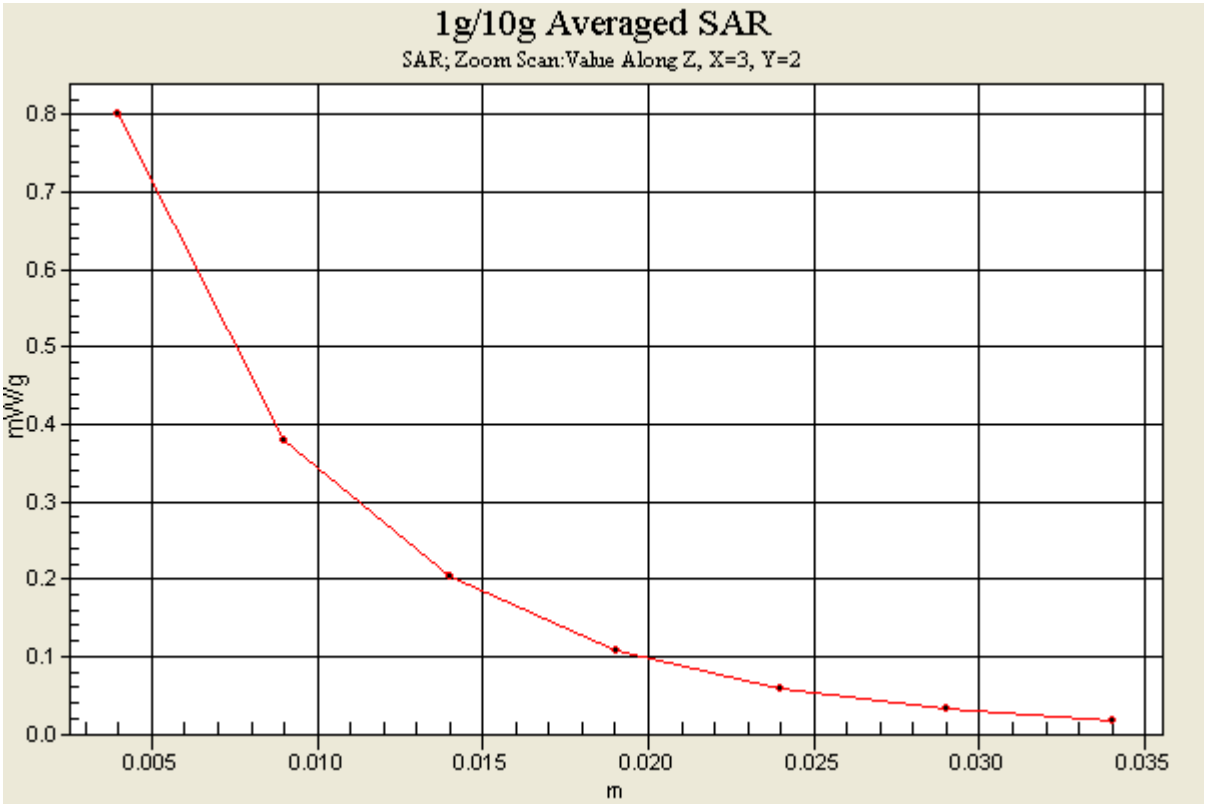
Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.809 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.46 V/m
Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 0.802 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=2
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2005/5/9 06:07:58

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11g Mode 2

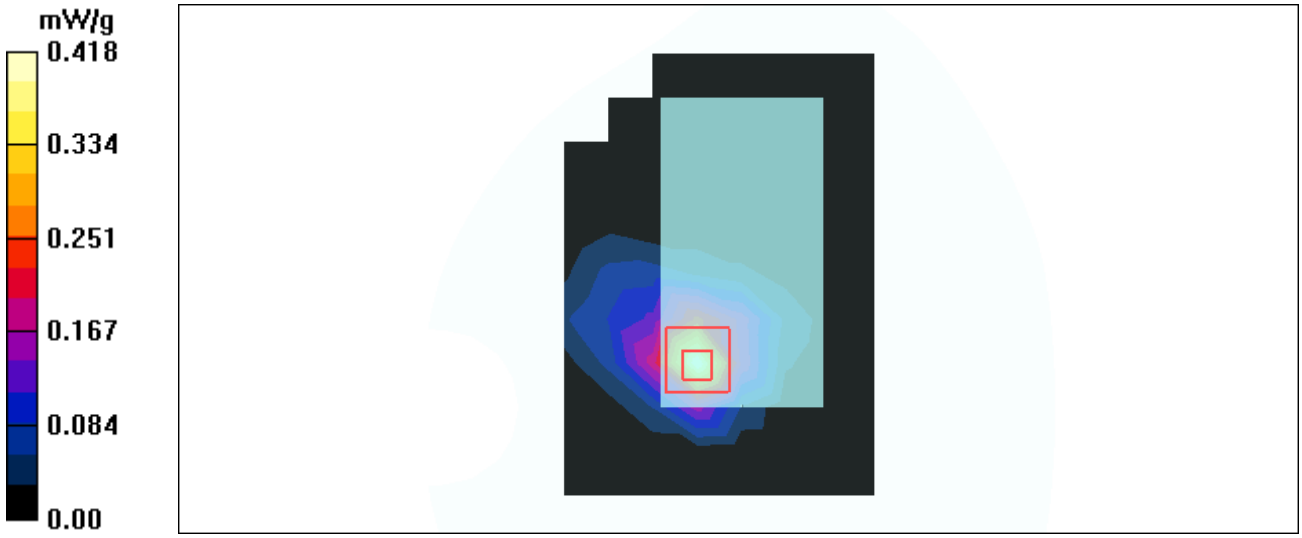
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.05 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.424 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.40 V/m
Peak SAR (extrapolated) = 0.933 W/kg

SAR(1 g) = 0.383 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.418 mW/g



Date/Time: 2005/5/9 06:35:21

Test Laboratory: Advance Data Technology

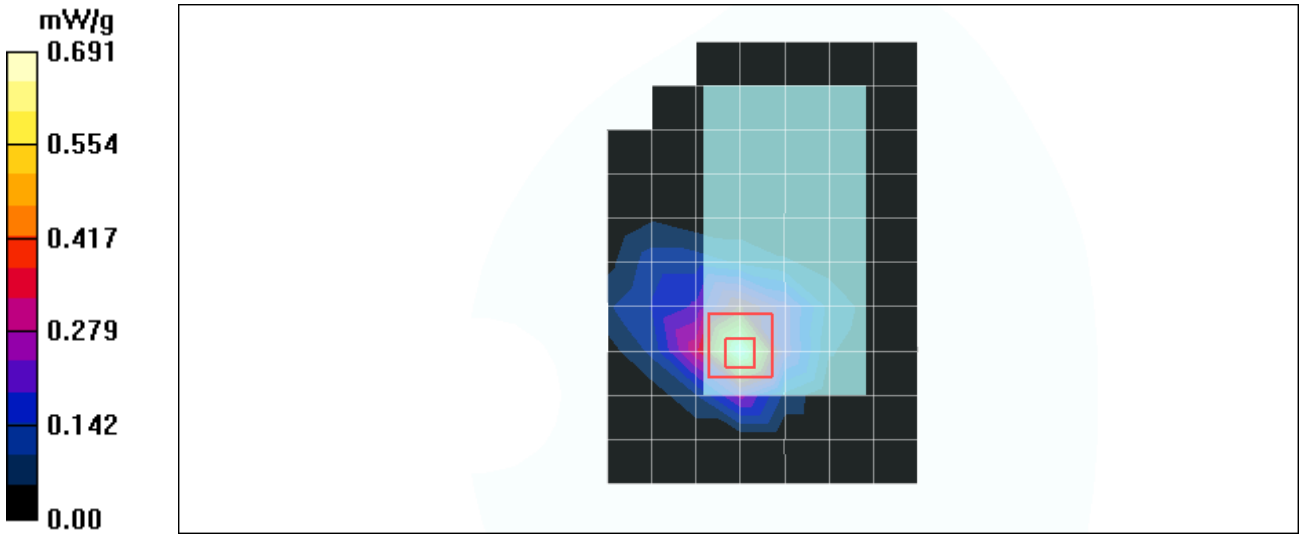
WPCA-135AG EVO N800C 11g Turbo Mode 3

DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; 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 = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6 Turbo Mode/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.701 mW/g

Mid Channel 6 Turbo Mode/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.93 V/m
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.637 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.691 mW/g



Date/Time: 2005/5/9 07:04:15

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11b Mode 4

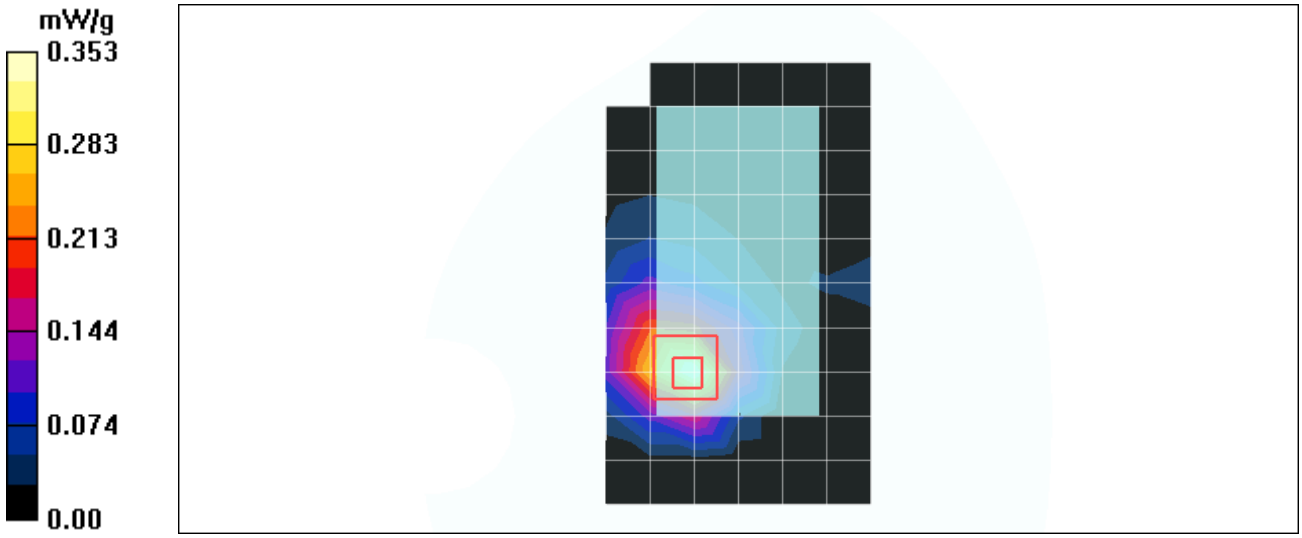
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.99 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 1/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.363 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.64 V/m
Peak SAR (extrapolated) = 0.724 W/kg

SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.353 mW/g



Date/Time: 2005/5/9 07:29:53

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11b Mode 4

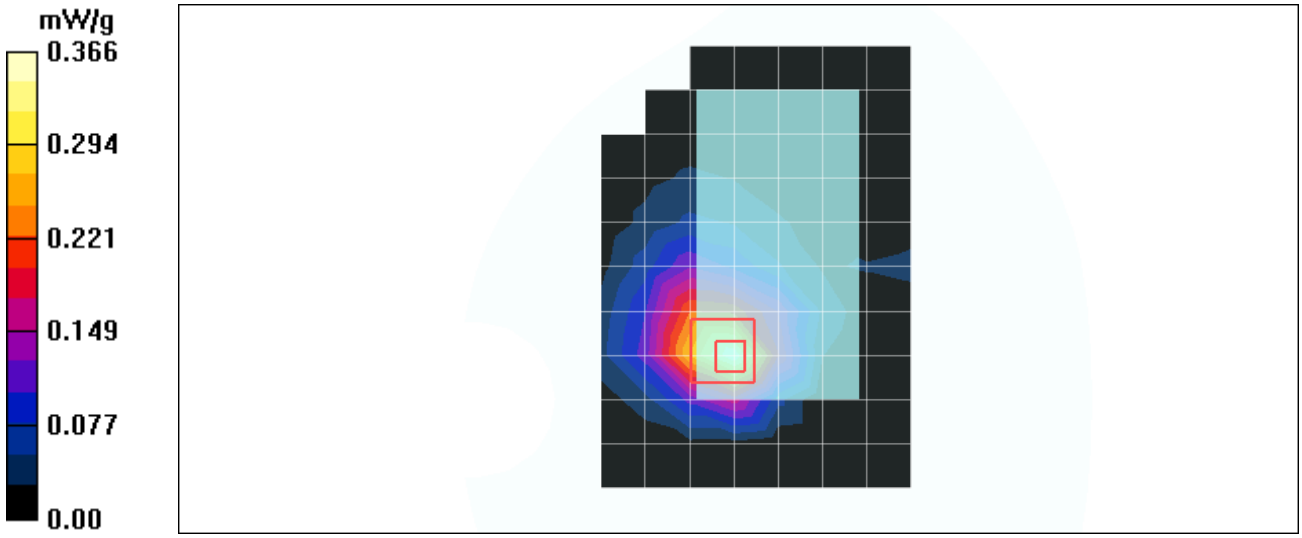
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.369 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.85 V/m
Peak SAR (extrapolated) = 0.789 W/kg

SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.179 mW/g
Maximum value of SAR (measured) = 0.366 mW/g



Date/Time: 2005/5/9 07:57:06

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11b Mode 4

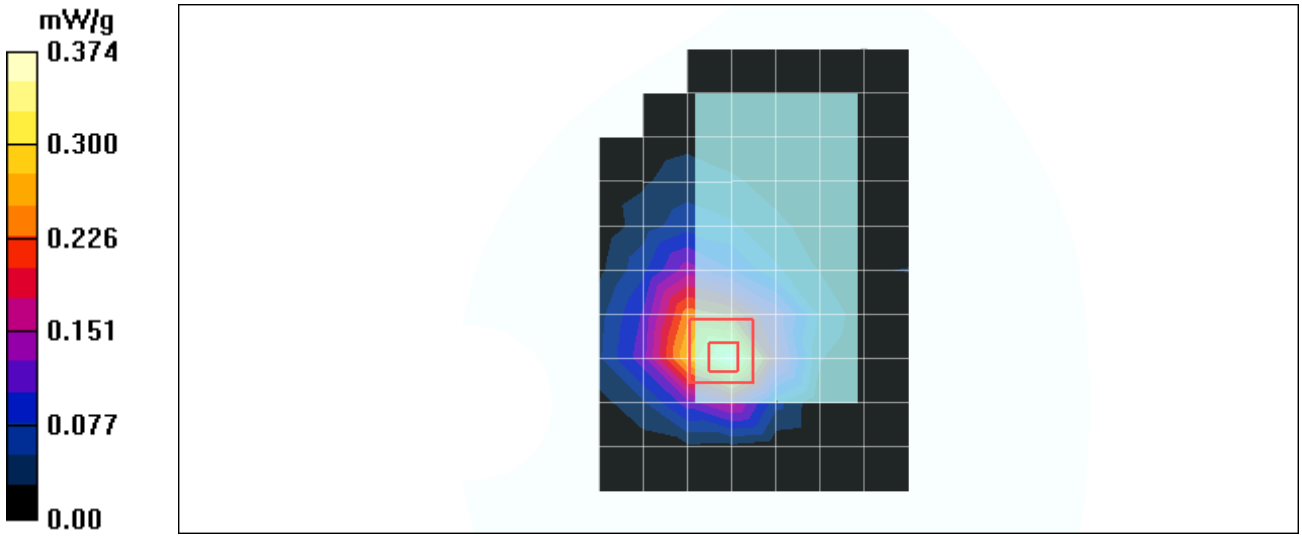
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.05 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.365 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.88 V/m
Peak SAR (extrapolated) = 0.777 W/kg

SAR(1 g) = 0.352 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.374 mW/g



Date/Time: 2005/5/9 08:22:57

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11g Mode 5

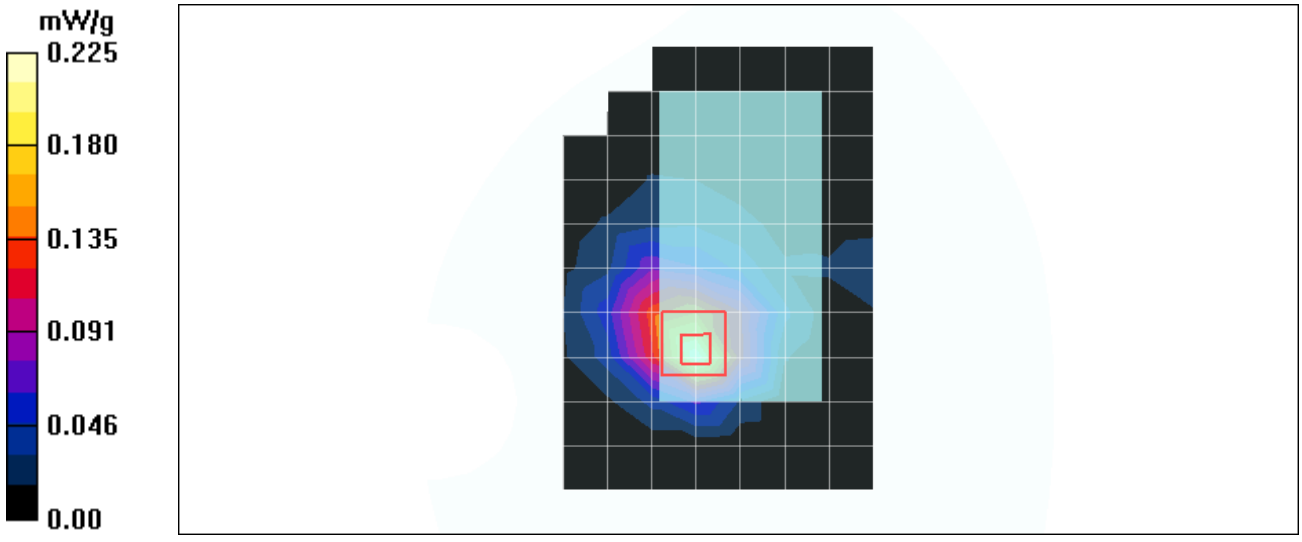
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.99 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 1/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.225 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.08 V/m

Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.110 mW/g



Date/Time: 2005/5/9 08:46:17

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11g Mode 5

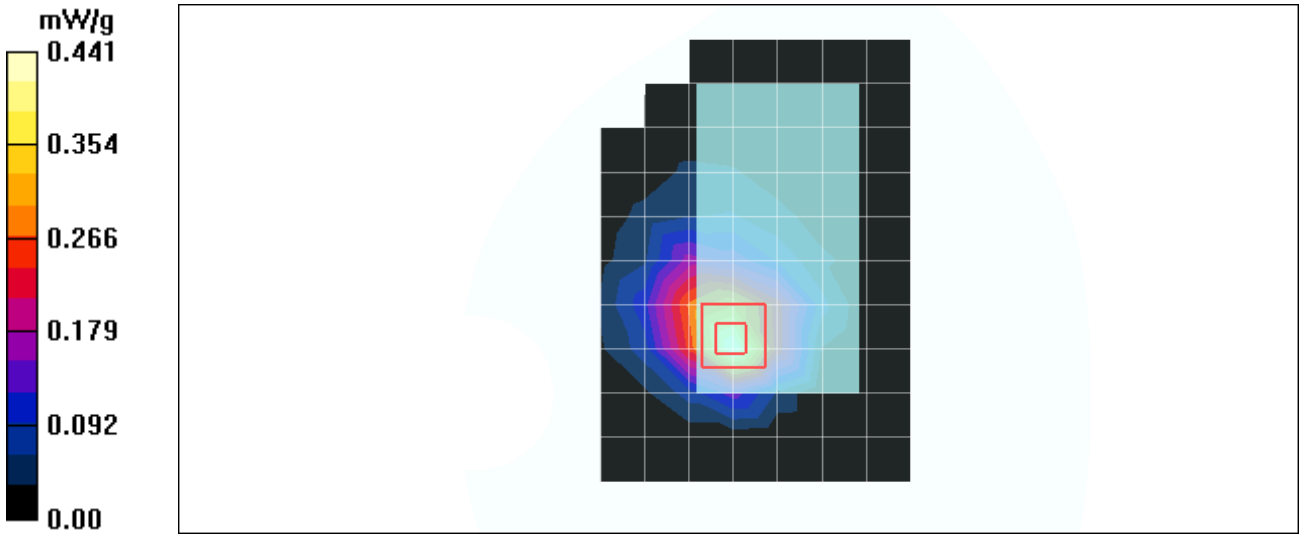
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

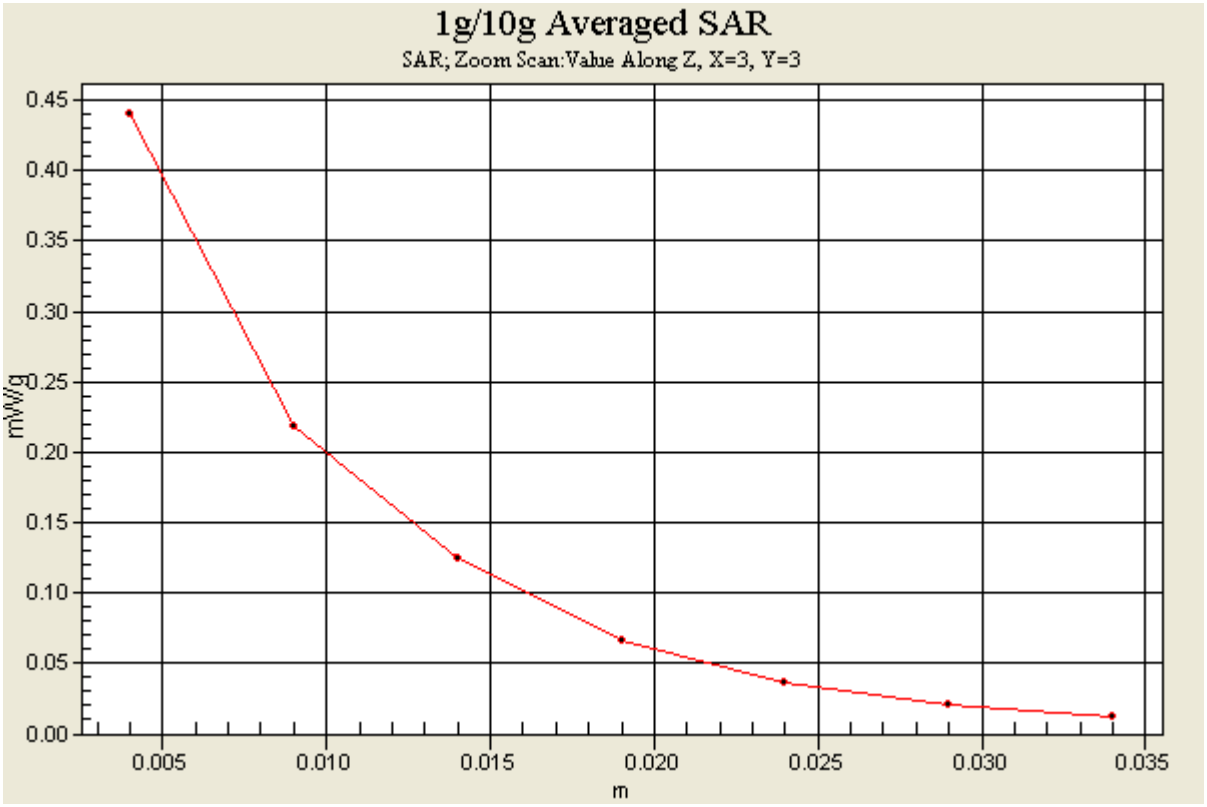
Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.452 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.70 V/m
Peak SAR (extrapolated) = 0.926 W/kg

SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.441 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
mW/g
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2005/5/9 09:12:09

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11g Mode 5

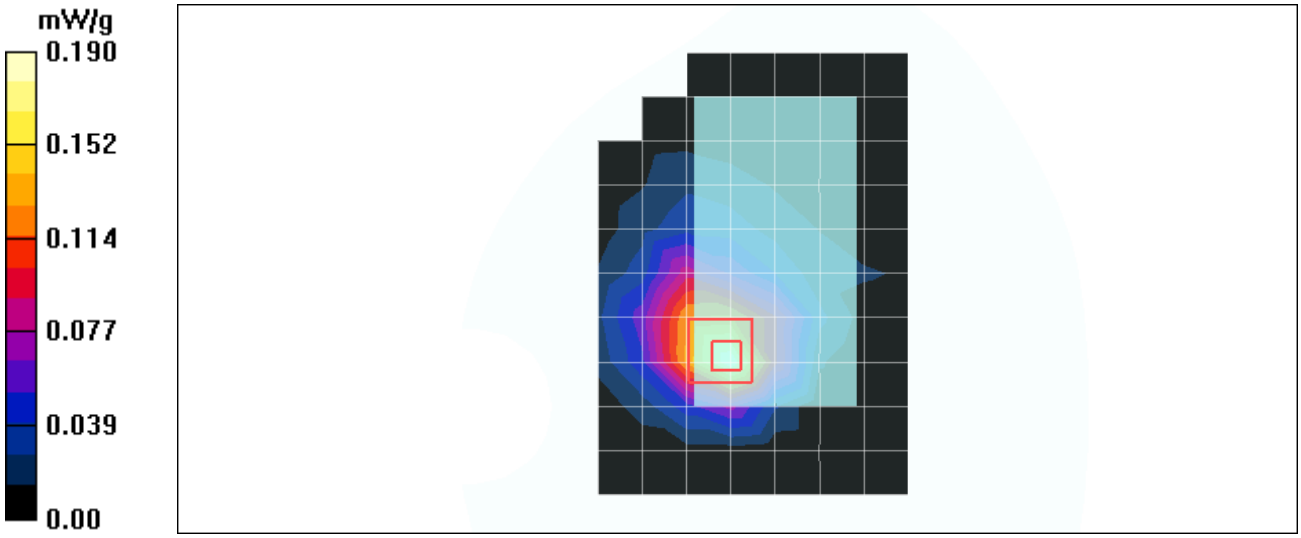
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.05 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.193 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.01 V/m
Peak SAR (extrapolated) = 0.400 W/kg

SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.190 mW/g



Date/Time: 2005/5/9 09:40:33

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11g Turbo Mode 6

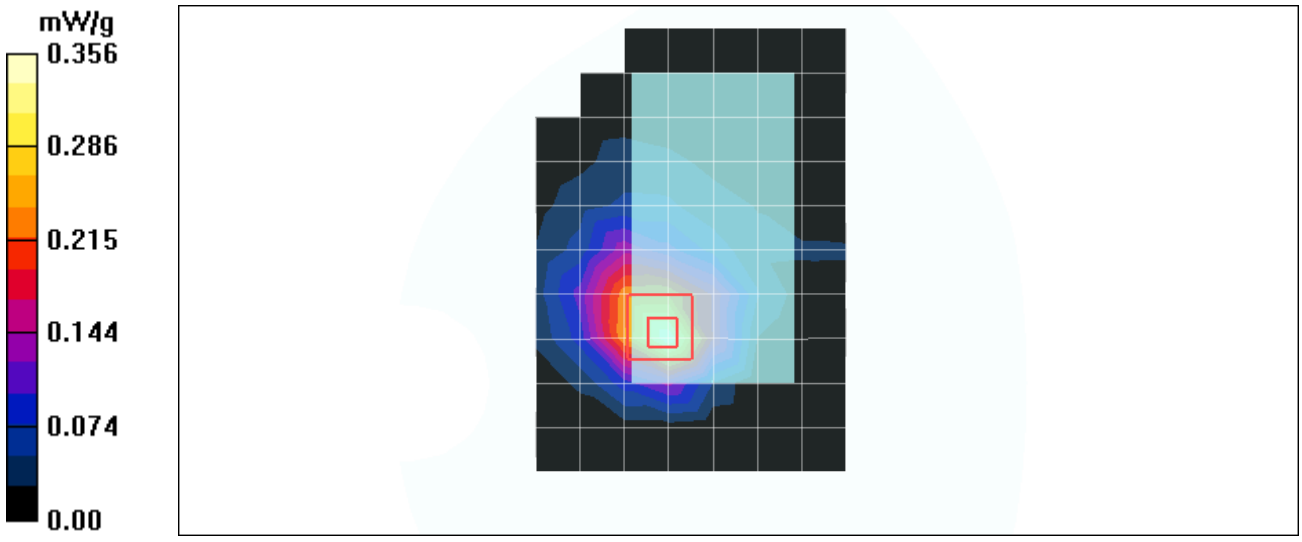
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6 Turbo Mode/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.360 mW/g

Mid Channel 6 Turbo Mode/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.37 V/m
Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.336 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.356 mW/g



Date/Time: 2005/5/9 10:18:43

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11b Mode 7

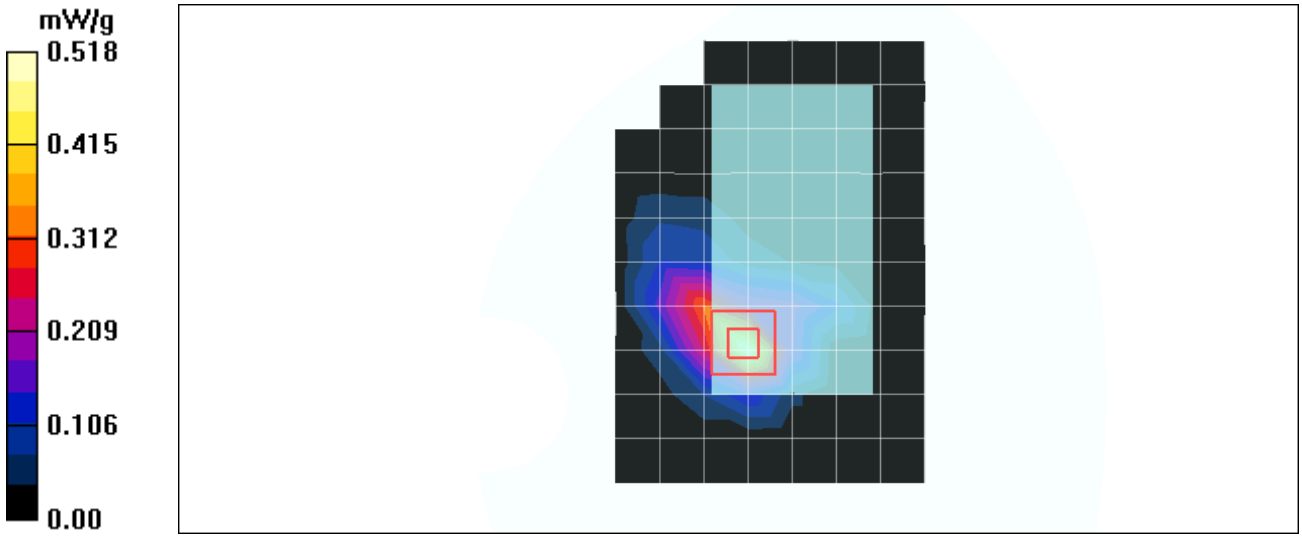
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2412 MHz

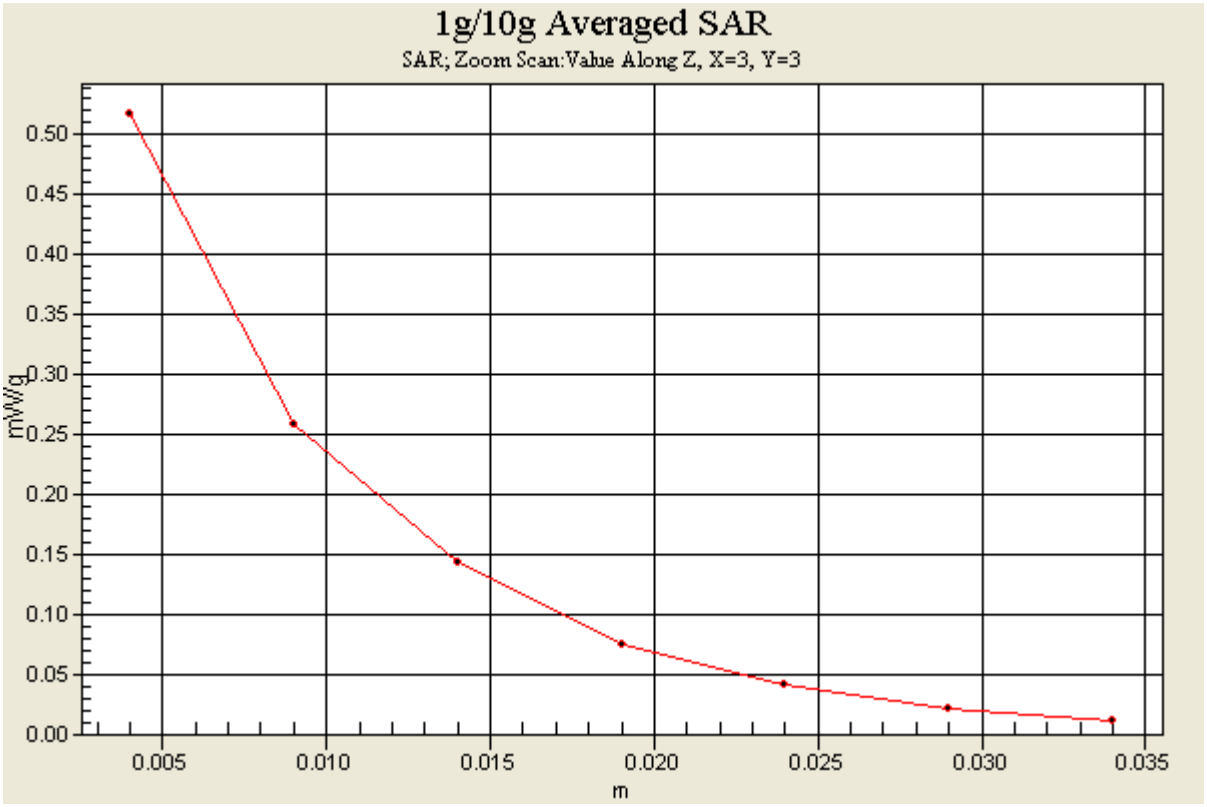
Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.99 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 1/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.502 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.34 V/m
Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.232 mW/g
Maximum value of SAR (measured) = 0.518 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2005/5/9 10:42:51

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11b Mode 7

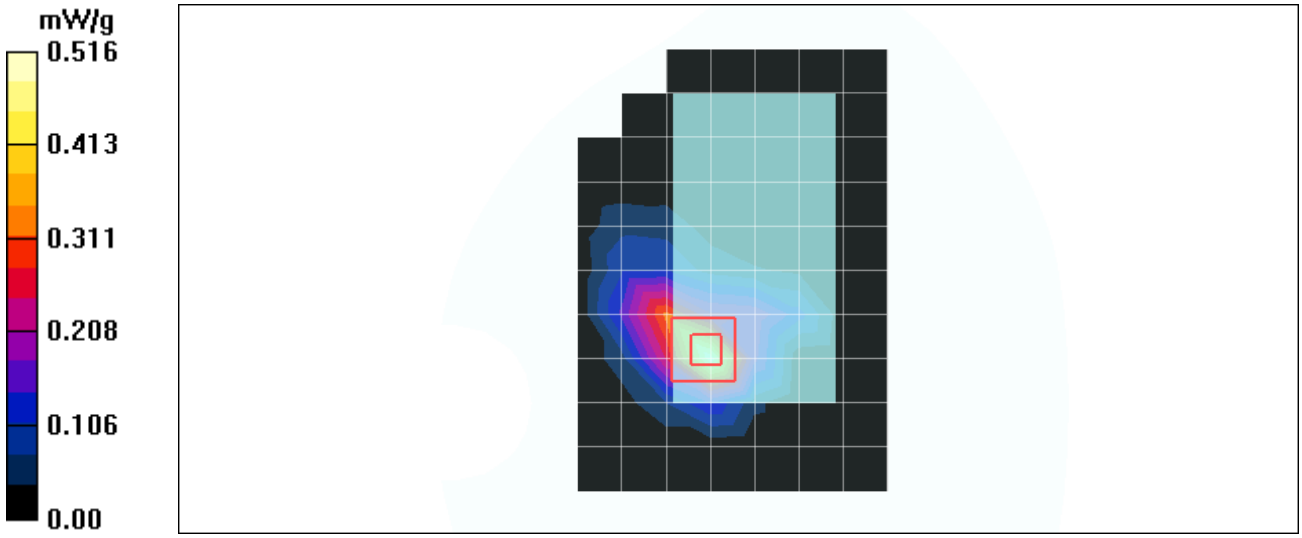
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.512 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.19 V/m
Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.225 mW/g
Maximum value of SAR (measured) = 0.516 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11b Mode 7

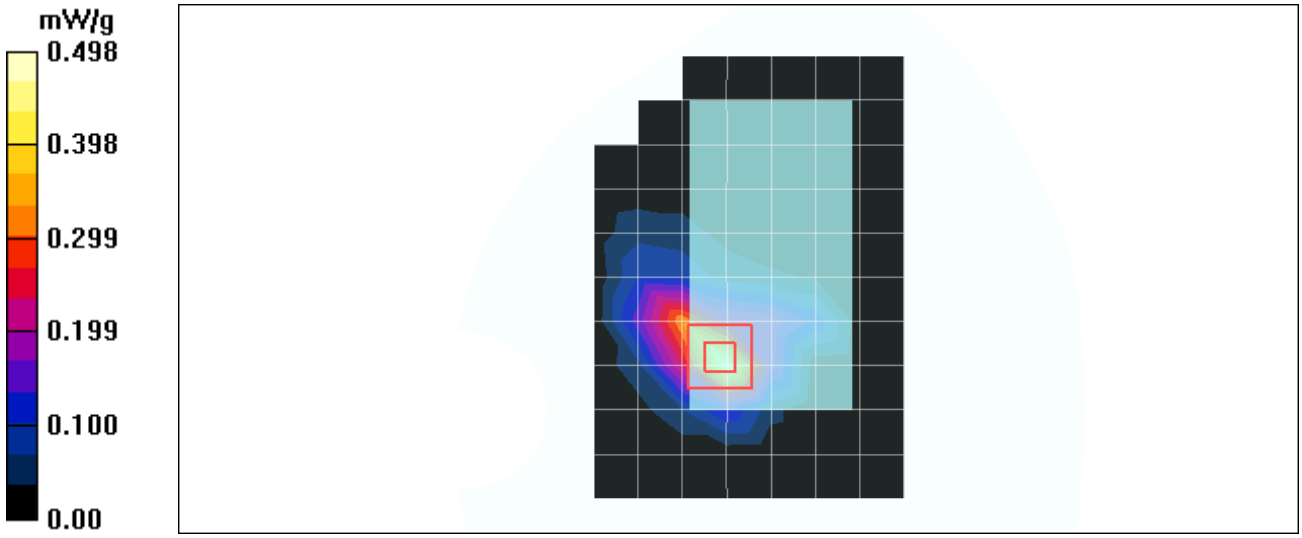
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.05 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.482 mW/g

Mid Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.12 V/m
Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.498 mW/g



Date/Time: 2005/5/9 11:33:30

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11g Mode 8

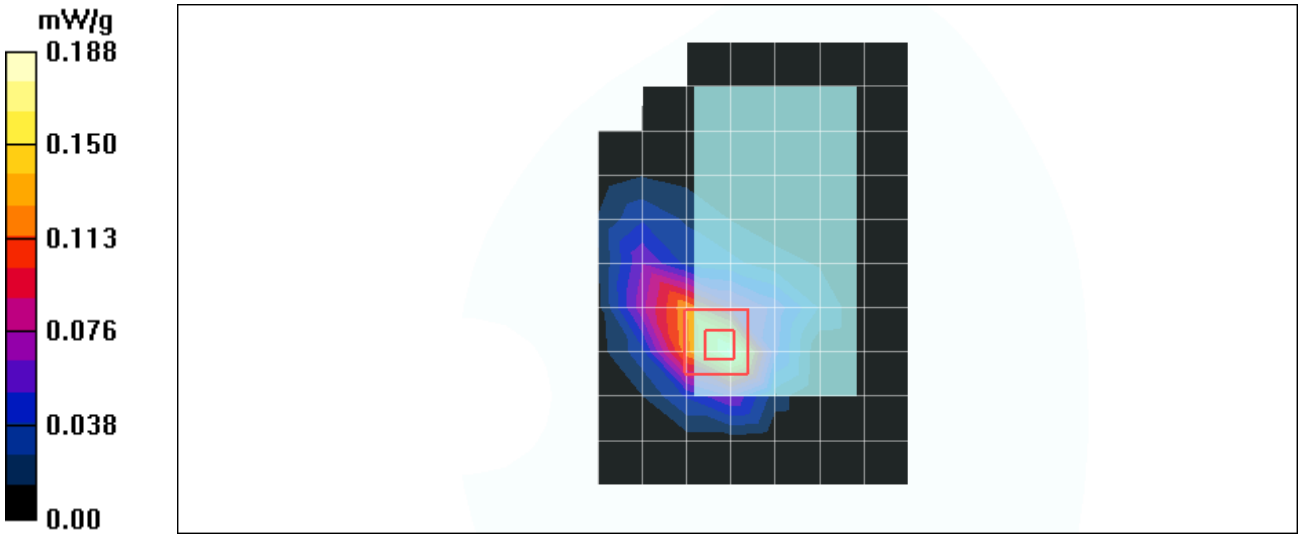
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2412 MHz; σ = 1.99 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Low Channel 1/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.180 mW/g

Low Channel 1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.48 V/m
Peak SAR (extrapolated) = 0.377 W/kg

SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.188 mW/g



Date/Time: 2005/5/9 11:59:04

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11g Mode 8

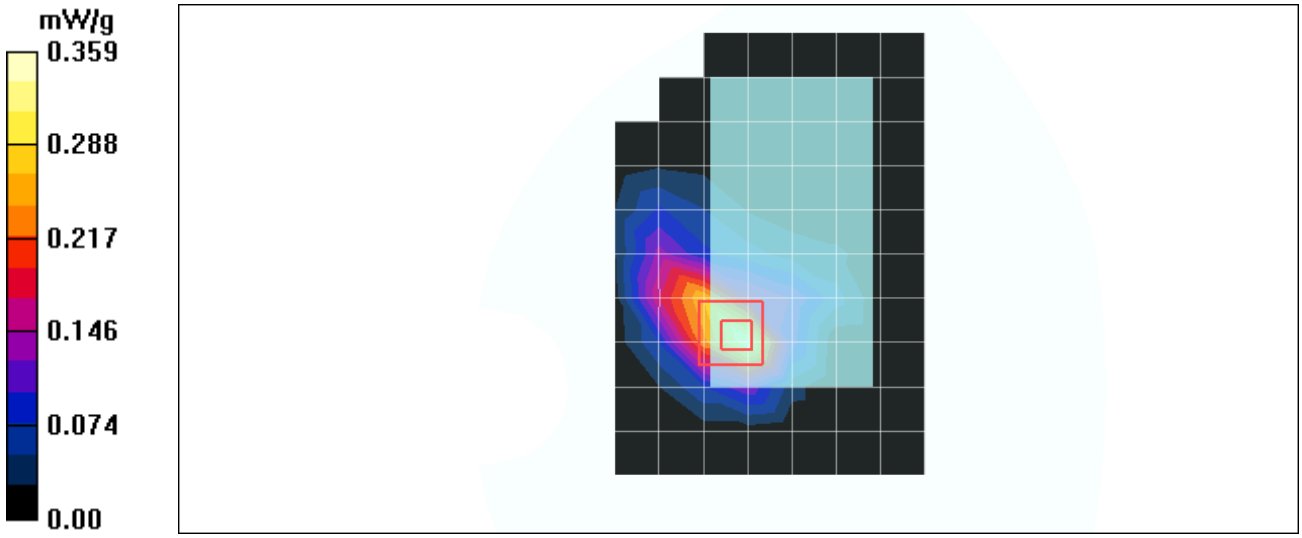
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.342 mW/g

Mid Channel 6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.47 V/m
Peak SAR (extrapolated) = 0.749 W/kg

SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.359 mW/g



Date/Time: 2005/5/9 12:31:46

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11g Mode 8

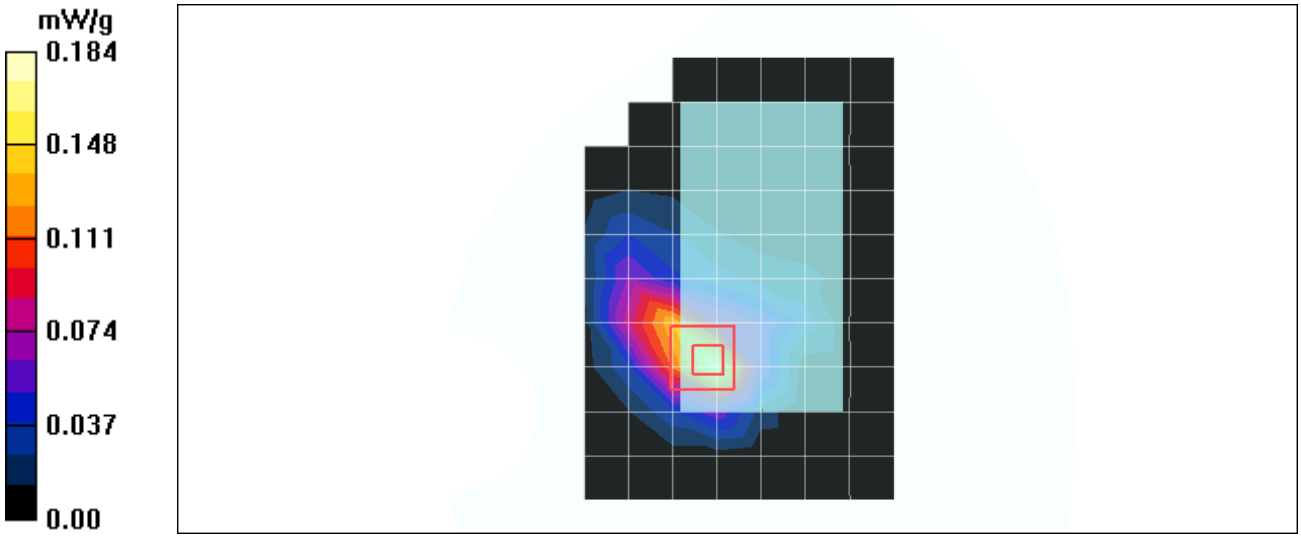
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2462 MHz; σ = 2.05 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

High Channel 11/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.172 mW/g

High Channel 11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.33 V/m
Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.184 mW/g



Date/Time: 2005/5/9 13:05:32

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 11g Turbo Mode 9

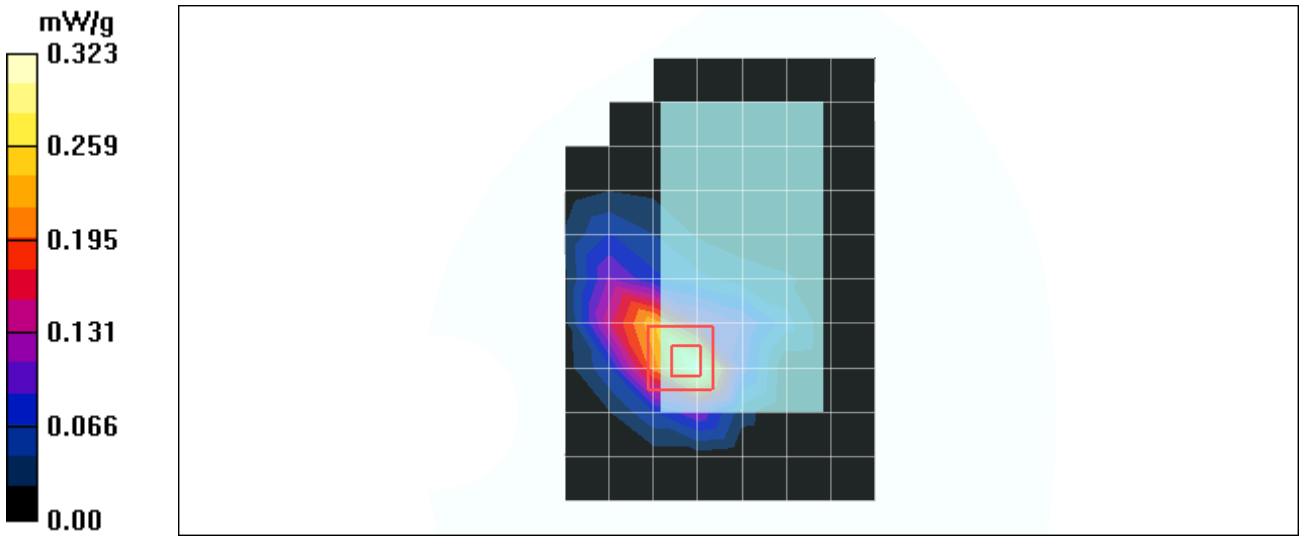
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL2450 Medium parameters used: f = 2437 MHz; σ = 2.02 mho/m; ε_r = 54; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2005/3/23
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19 ; Postprocessing SW: SEMCAD, V1.8 Build 146

Mid Channel 6 Turbo Mode/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.313 mW/g

Mid Channel 6 Turbo Mode/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.17 V/m
Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.323 mW/g



Date/Time: 2005/03/14 10:28:41

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

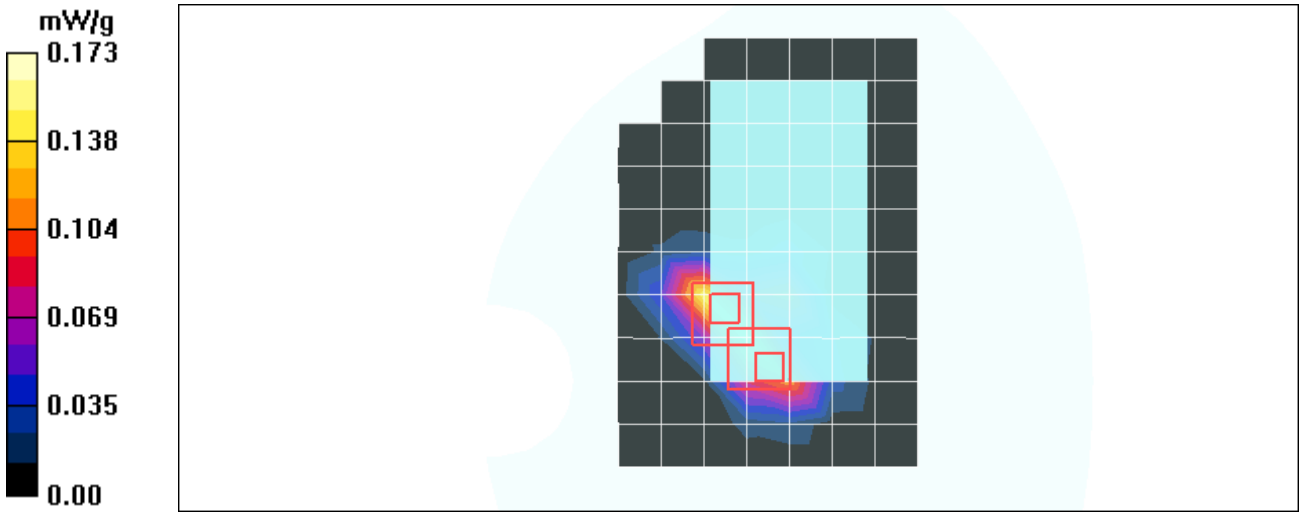
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5180 MHz; σ = 5.28 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Low Channel 5180/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.149 mW/g

Low Channel 5180/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.86 V/m
Peak SAR (extrapolated) = 0.505 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.171 mW/g

Low Channel 5180/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.86 V/m
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



Date/Time: 2005/03/14 11:10:22

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

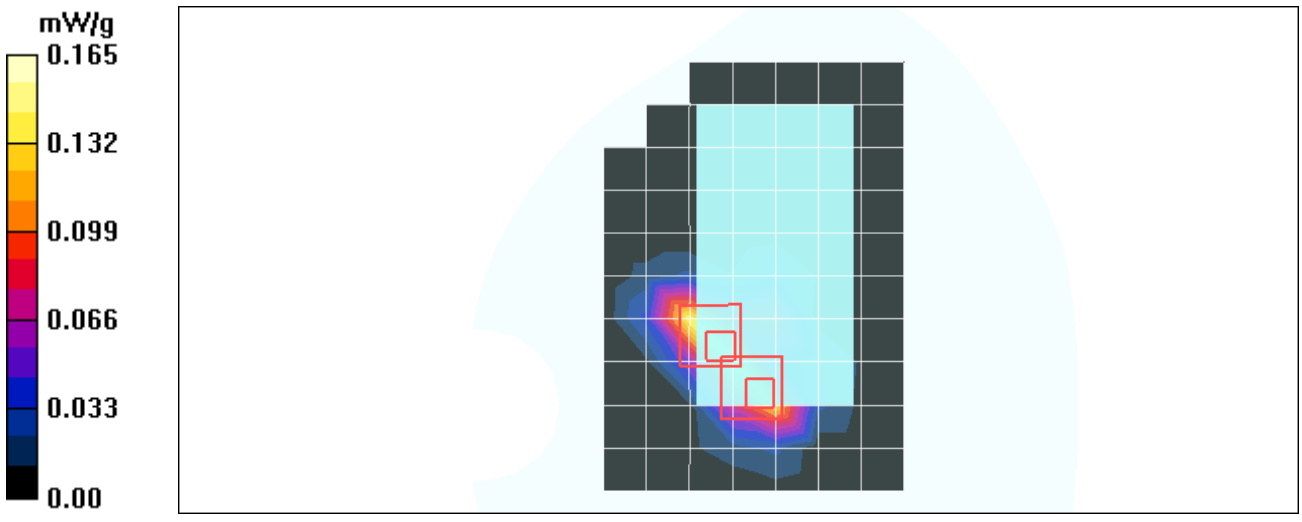
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5240 MHz; σ = 5.23 mho/m; ε_r = 47; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5240/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.148 mW/g

Mid Channel 5240/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=4.3mm
Reference Value = 4.89 V/m
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.159 mW/g

Mid Channel 5240/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.89 V/m
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.165 mW/g



Date/Time: 2005/03/14 11:49:36

Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

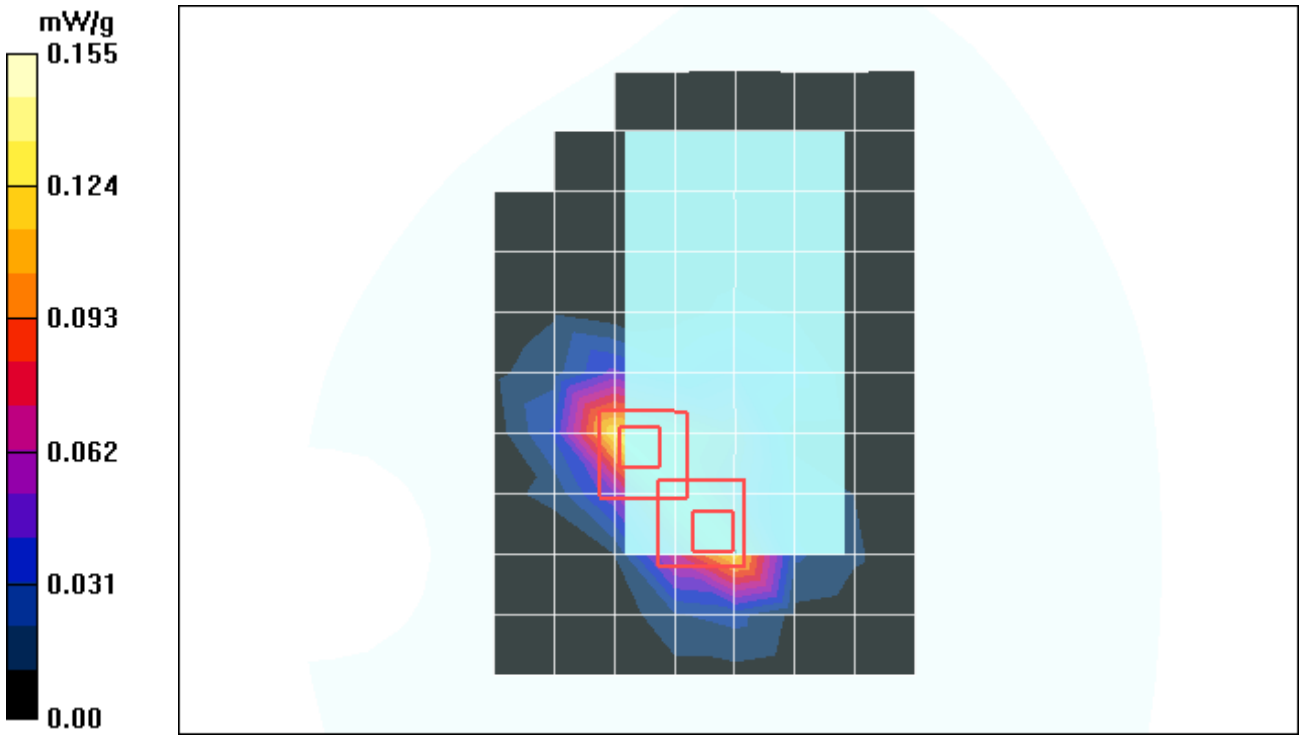
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5260 MHz; σ = 5.4 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5260 /Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.127 mW/g

Mid Channel 5260 /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.72 V/m;Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.161 mW/g

Mid Channel 5260 /Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.72 V/m;Peak SAR (extrapolated) = 0.510 W/kg
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.155 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

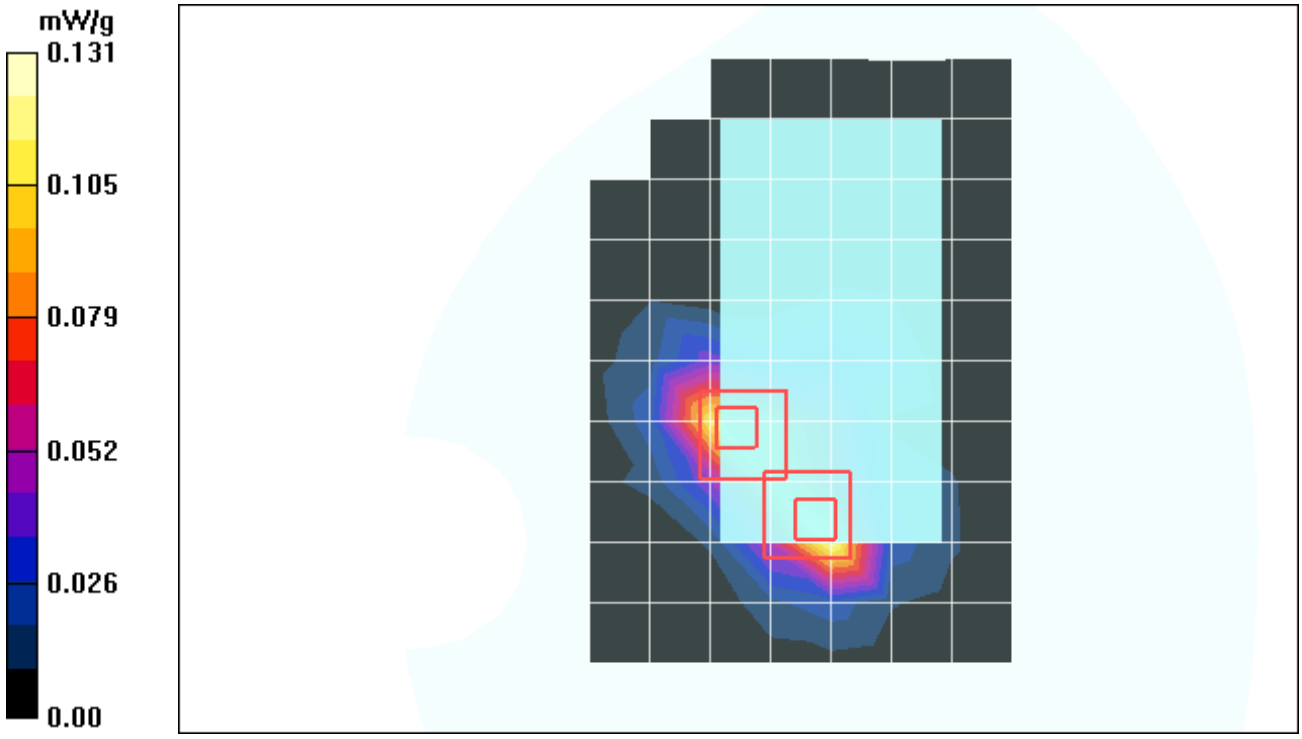
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5320 MHz; σ = 5.49 mho/m; ε_r = 47.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5320/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.121 mW/g

Mid Channel 5320/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.82 V/m;Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.149 mW/g

Mid Channel 5320/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.82 V/m;Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

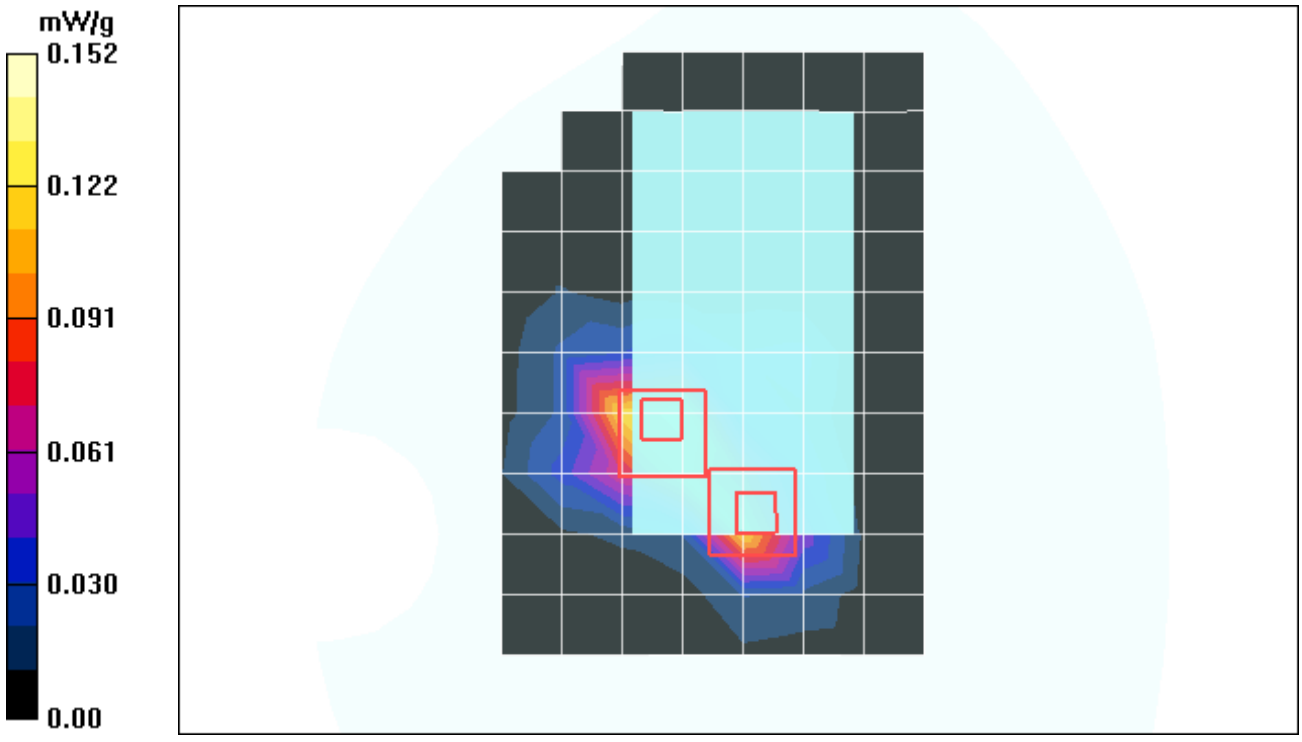
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5745 MHz; σ = 6.15 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5745/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.125 mW/g

Mid Channel 5745/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.42 V/m;Peak SAR (extrapolated) = 0.286 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.154 mW/g

Mid Channel 5745/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.42 V/m;Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.152 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

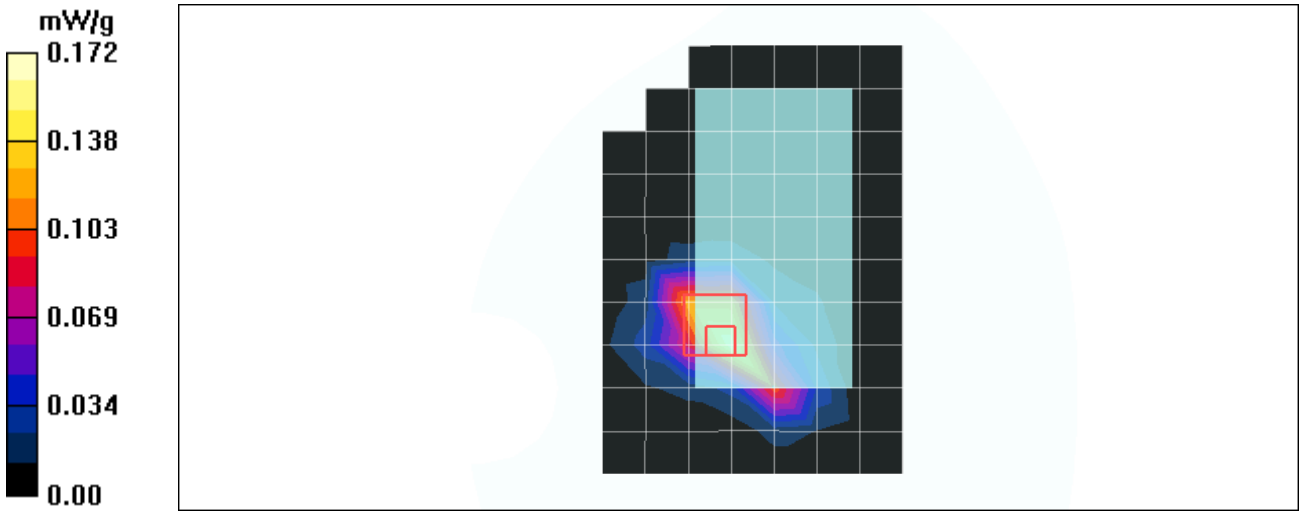
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5785 MHz; σ = 6.22 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5785/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.159 mW/g

Mid Channel 5785/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.11 V/m
Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Normal Mode 10

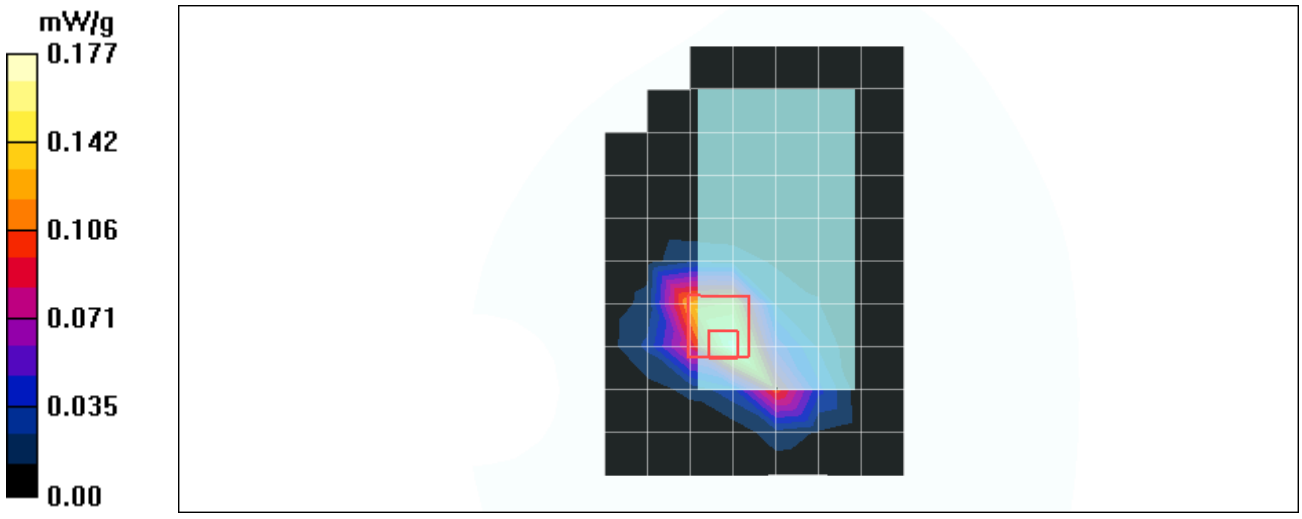
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5825 MHz

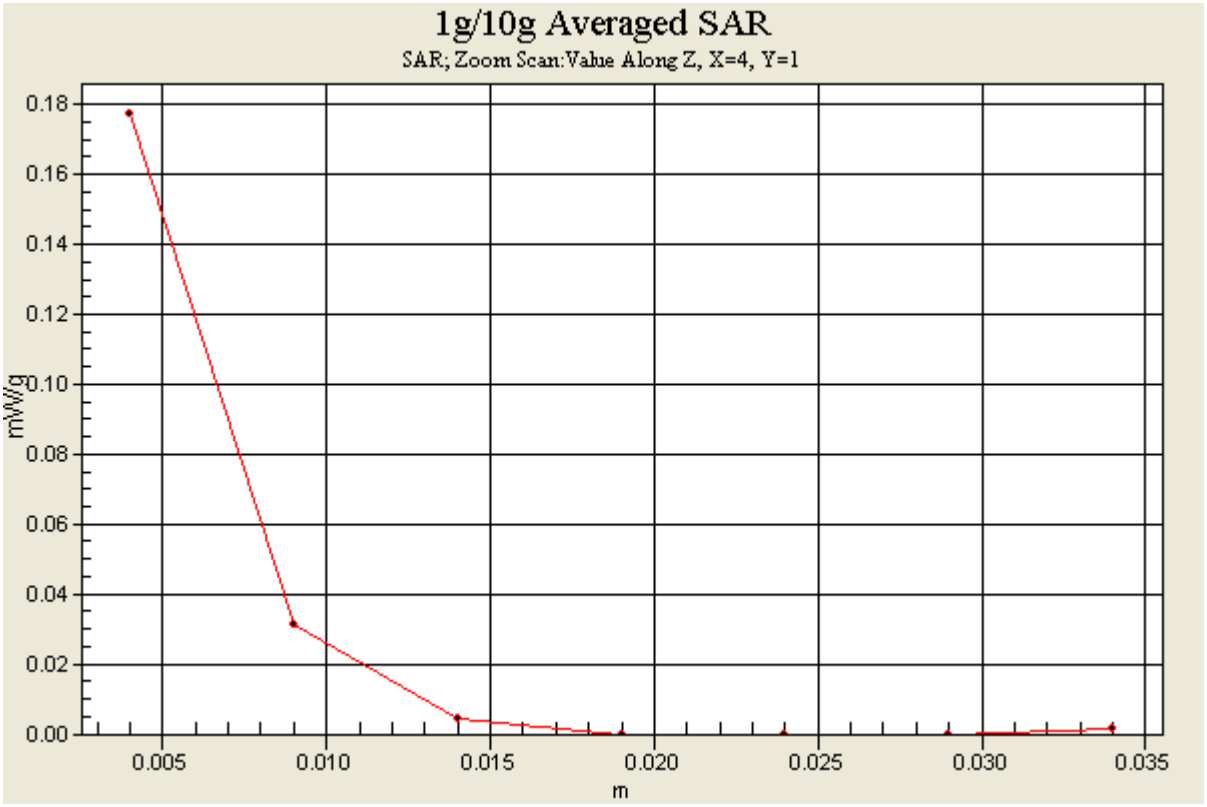
Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5825 MHz; σ = 6.27 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

High Channel 5825/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.172 mW/g

High Channel 5825/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.12 V/m
Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.177 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=4, Y=1
mW/g
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Turbo Mode 11

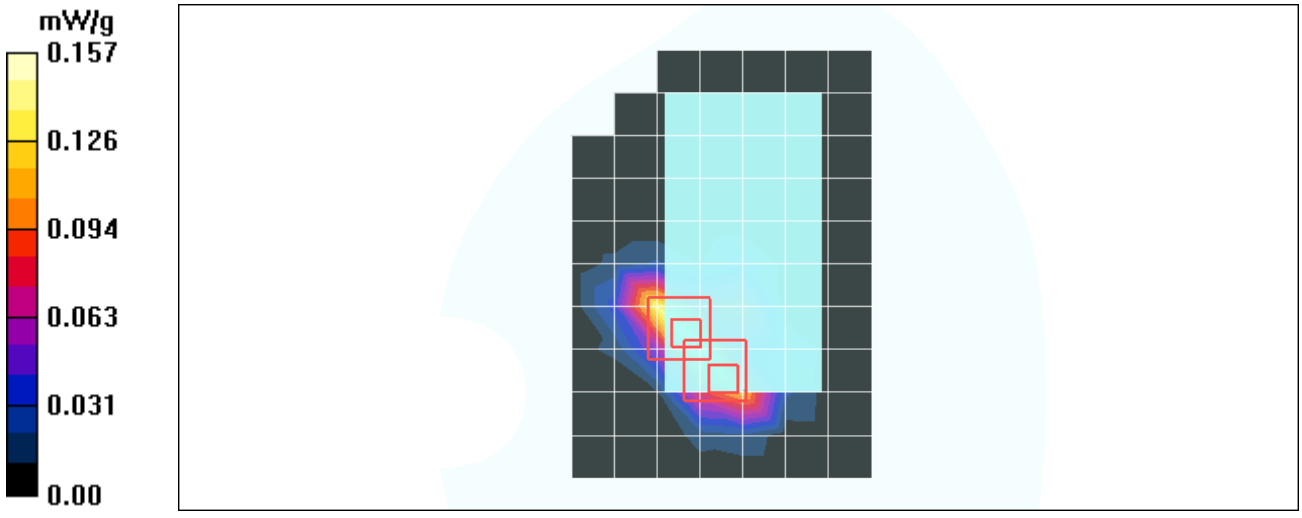
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5210 MHz

Communication System: 802.11a ; Frequency: 5210 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5210 MHz; σ = 5.33 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Low Channel 5210/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.145 mW/g

Low Channel 5210/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.55 V/m
Peak SAR (extrapolated) = 0.387 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.160 mW/g

Low Channel 5210/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.55 V/m
Peak SAR (extrapolated) = 0.378 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.157 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Turbo Mode 11

DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5250 MHz

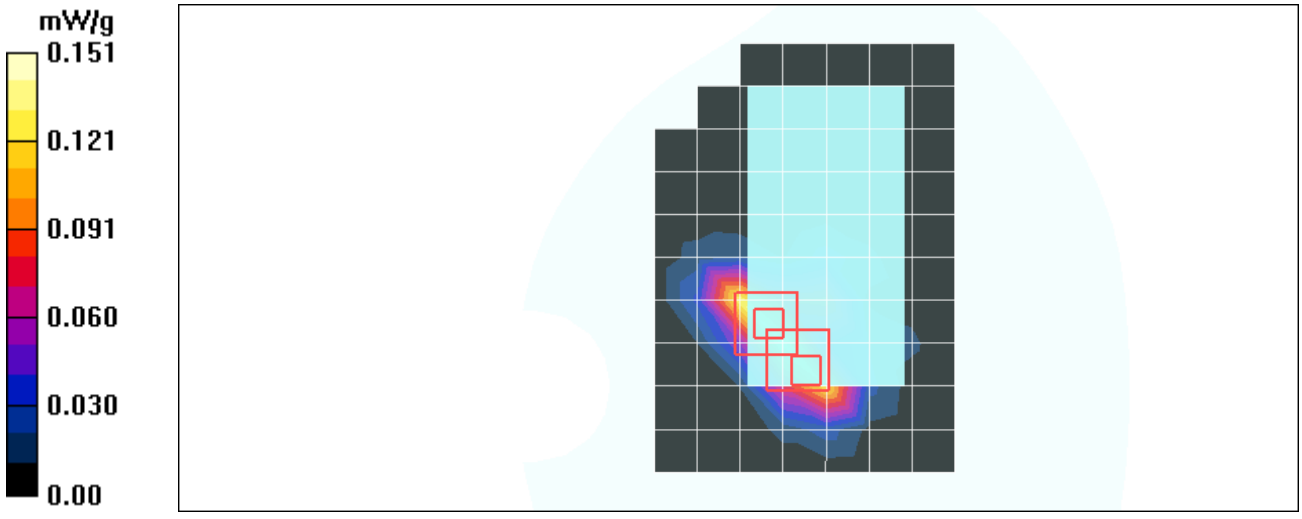
Communication System: 802.11a ; Frequency: 5250 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5250 MHz; σ = 5.39 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5250/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.138 mW/g

Mid Channel 5250/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.80 V/m
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.159 mW/g

Mid Channel 5250/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.80 V/m
Peak SAR (extrapolated) = 0.356 W/kg

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Turbo Mode 11

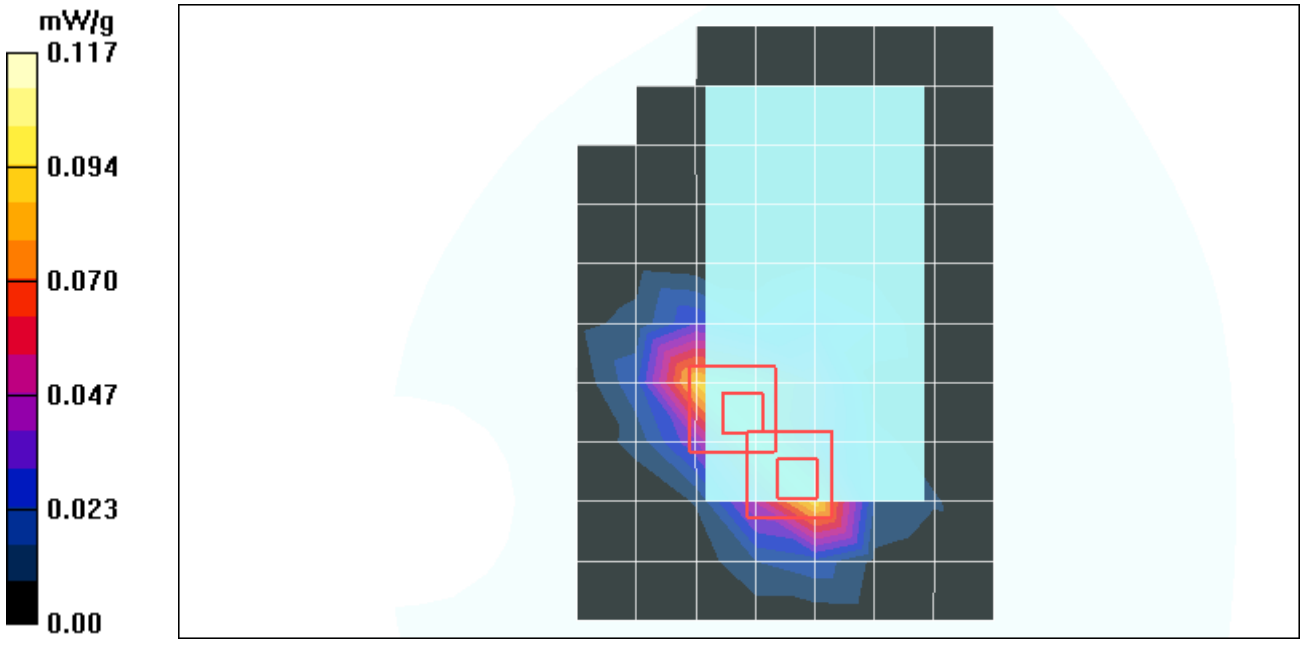
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5290 MHz

Communication System: 802.11a ; Frequency: 5290 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5290 MHz; σ = 5.44 mho/m; ε_r = 47.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5290/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.092 mW/g

Mid Channel 5290/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.34 V/m
Peak SAR (extrapolated) = 0.277 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.119 mW/g

Mid Channel 5290/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.34 V/m
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Turbo Mode 11

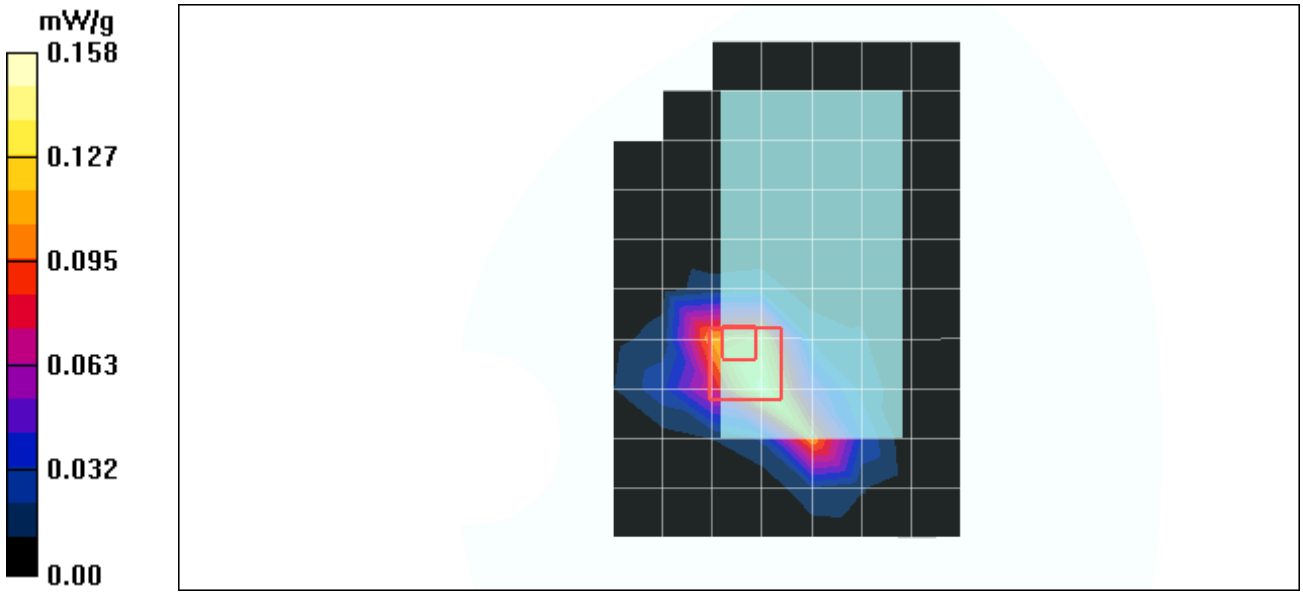
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5760 MHz

Communication System: 802.11a ; Frequency: 5760 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5760 MHz; σ = 6.17 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5760/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.143 mW/g

Mid Channel 5760/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.26 V/m
Peak SAR (extrapolated) = 0.449 W/kg

SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.05 mW/g
Maximum value of SAR (measured) = 0.158 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG EVO N800C 11a Turbo Mode 11

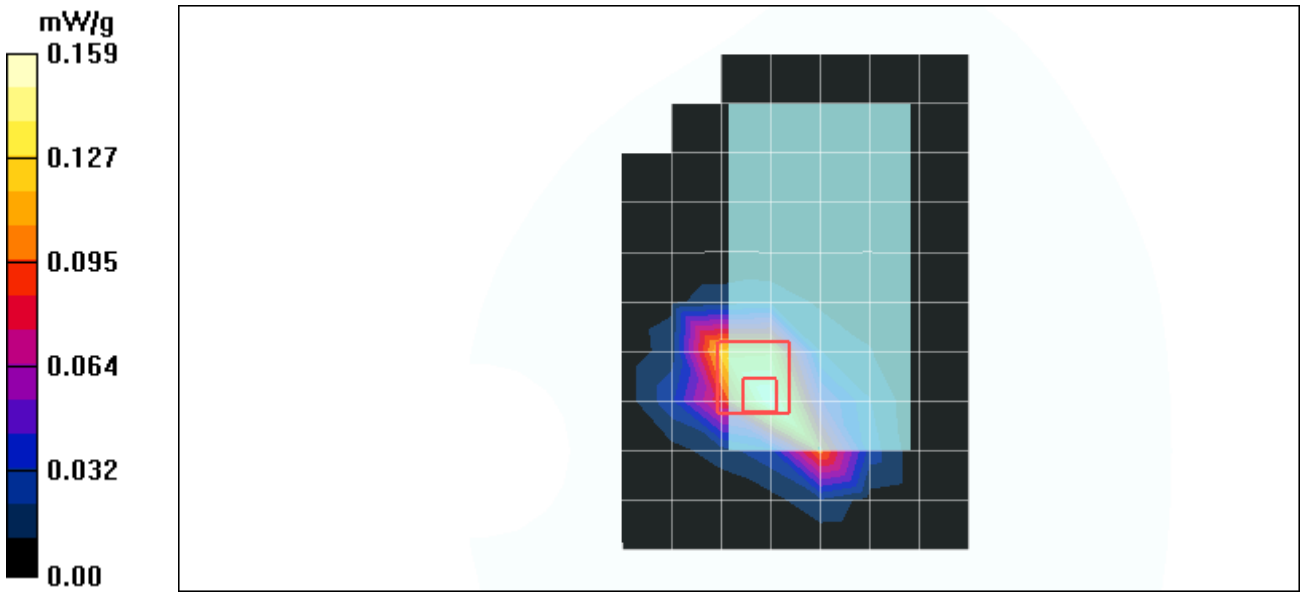
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5800 MHz

Communication System: 802.11a ; Frequency: 5800 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5800 MHz; σ = 6.24 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

High Channel 5800/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.160 mW/g

High Channel 5800/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.21 V/m
Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.159 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

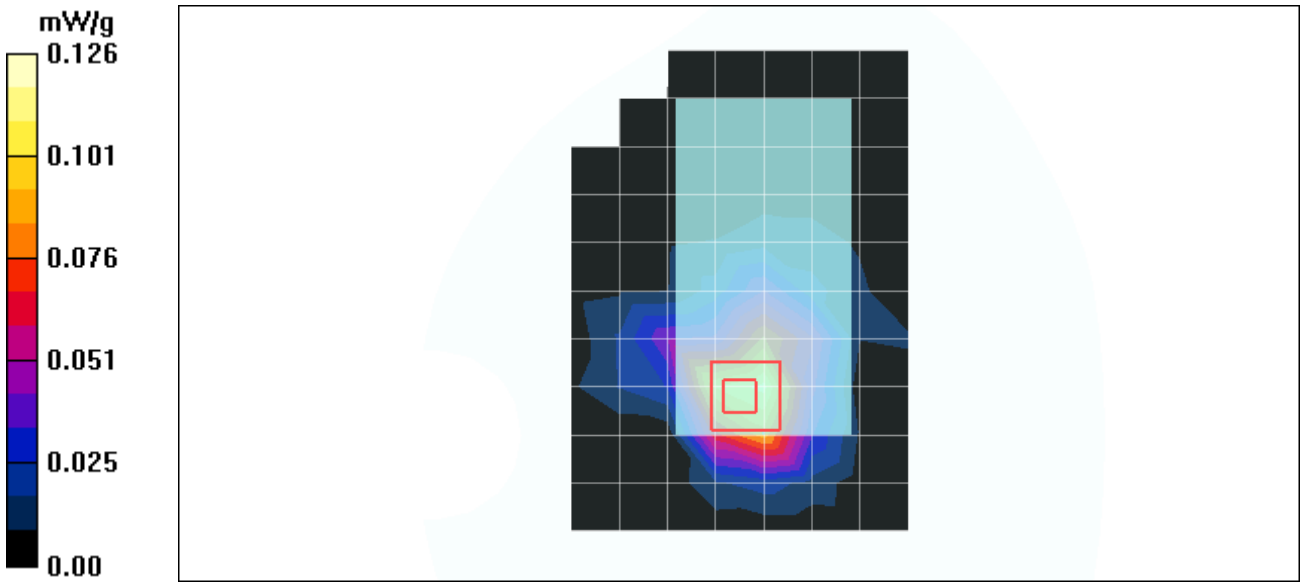
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5180 MHz; σ = 5.28 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Low Channel 5180/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.113 mW/g

Low Channel 5180/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.23 V/m
Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



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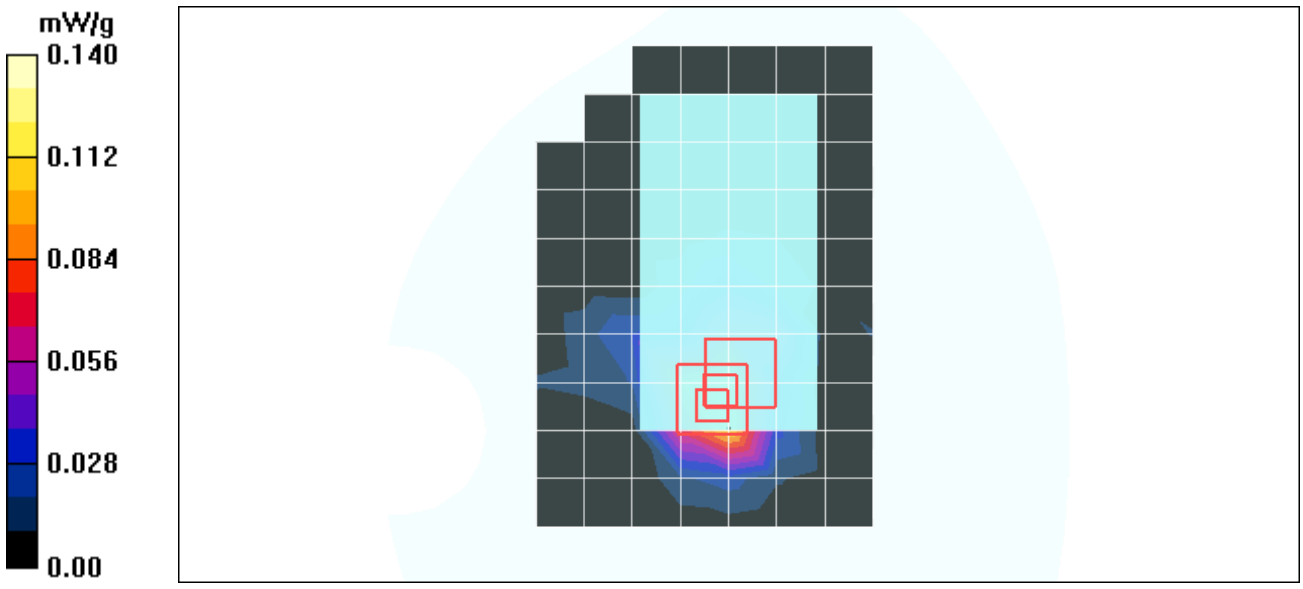
Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5240 MHz; σ = 5.23 mho/m; ε_r = 47; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5240/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.107 mW/g
Mid Channel 5240/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.58 V/m
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.138 mW/g
Mid Channel 5240/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.58 V/m
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.140 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

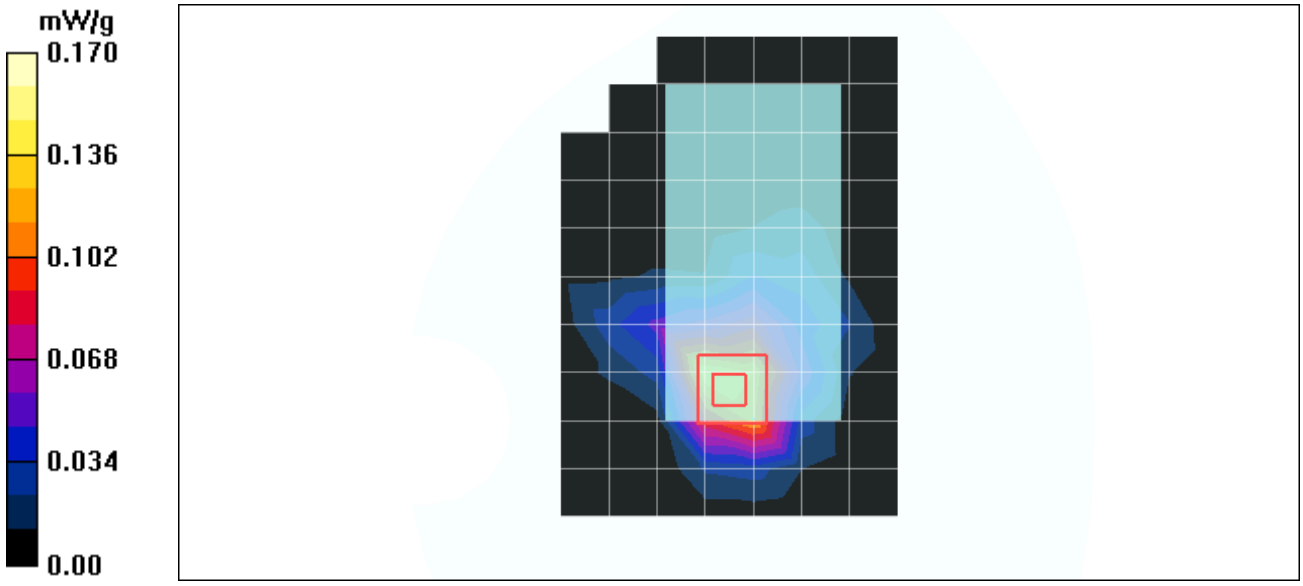
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5260 MHz

Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5260 MHz; σ = 5.4 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5260/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.137 mW/g

Mid Channel 5260/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.69 V/m
Peak SAR (extrapolated) = 0.378 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.170 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

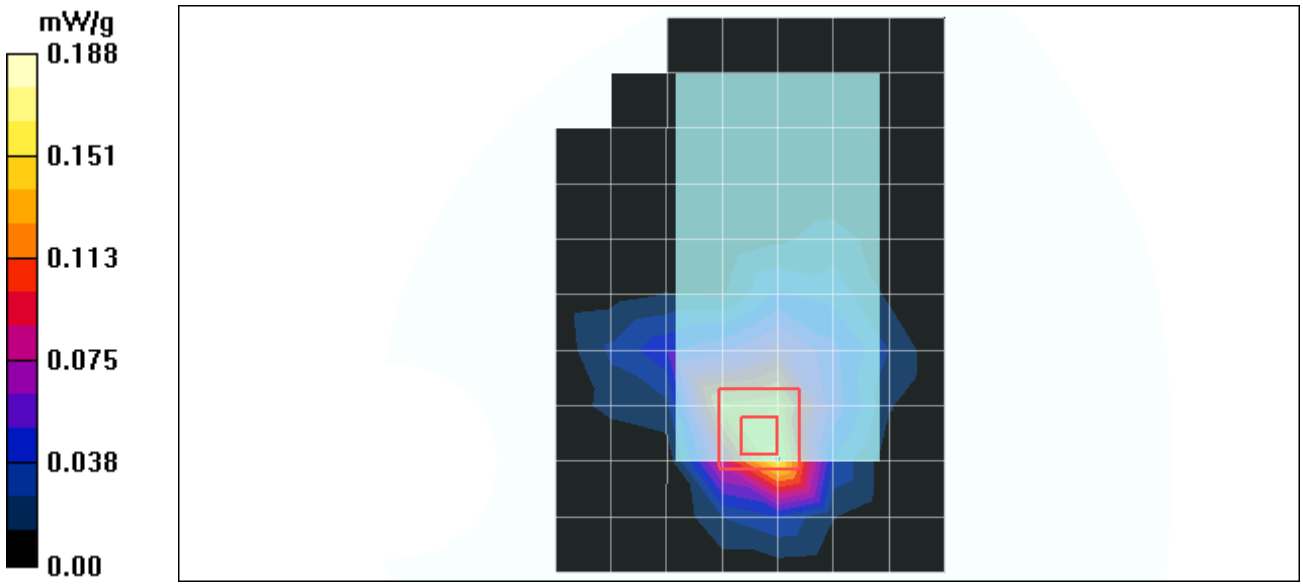
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5320 MHz

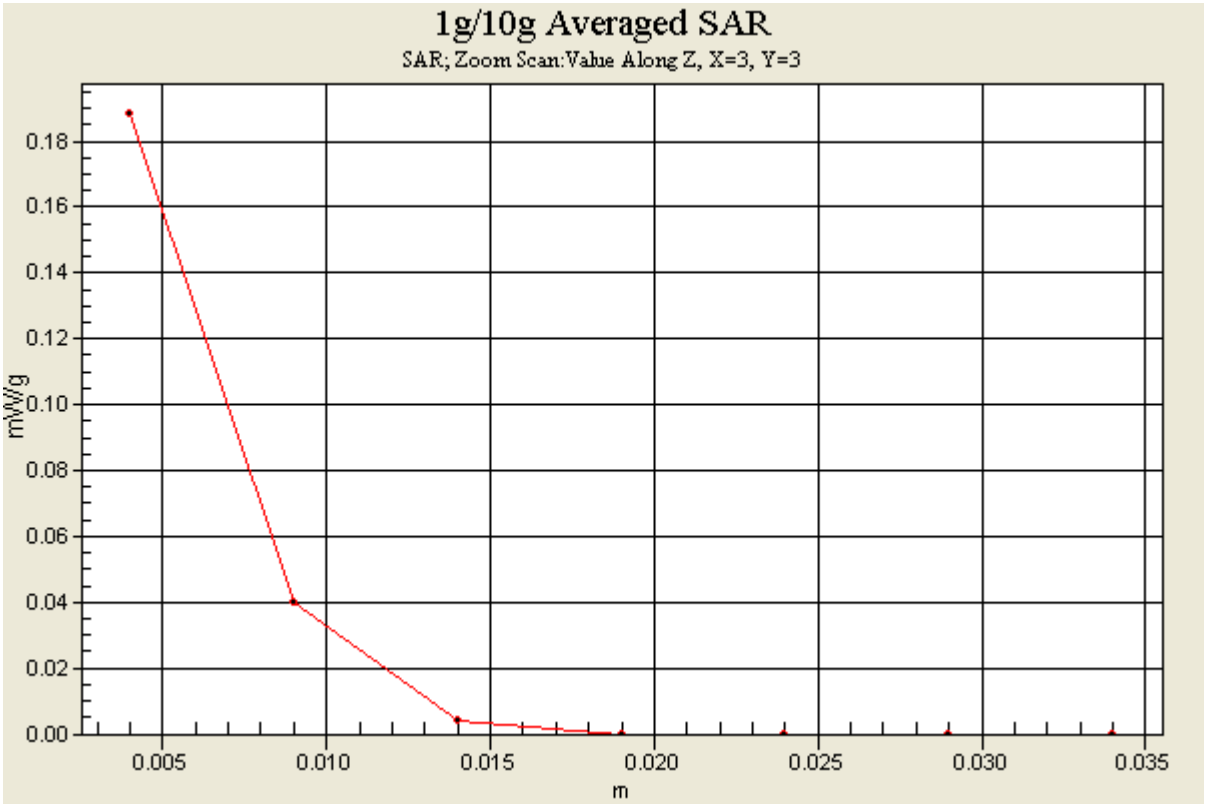
Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5320 MHz; σ = 5.49 mho/m; ε_r = 47.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5320/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.157 mW/g

Mid Channel 5320/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 5.46 V/m
Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.188 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
mW/g
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

Date/Time: 2005/3/14 19:47:29

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

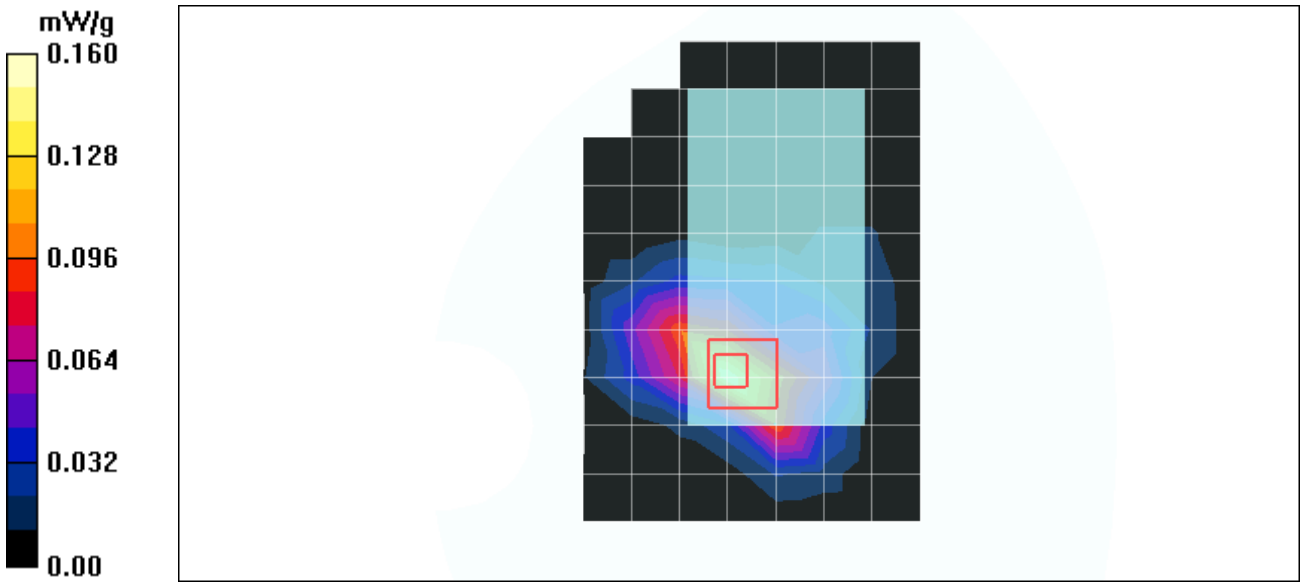
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5745 MHz; σ = 6.15 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5745/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.149 mW/g

Mid Channel 5745/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.11 V/m
Peak SAR (extrapolated) = 0.662 W/kg

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.160 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

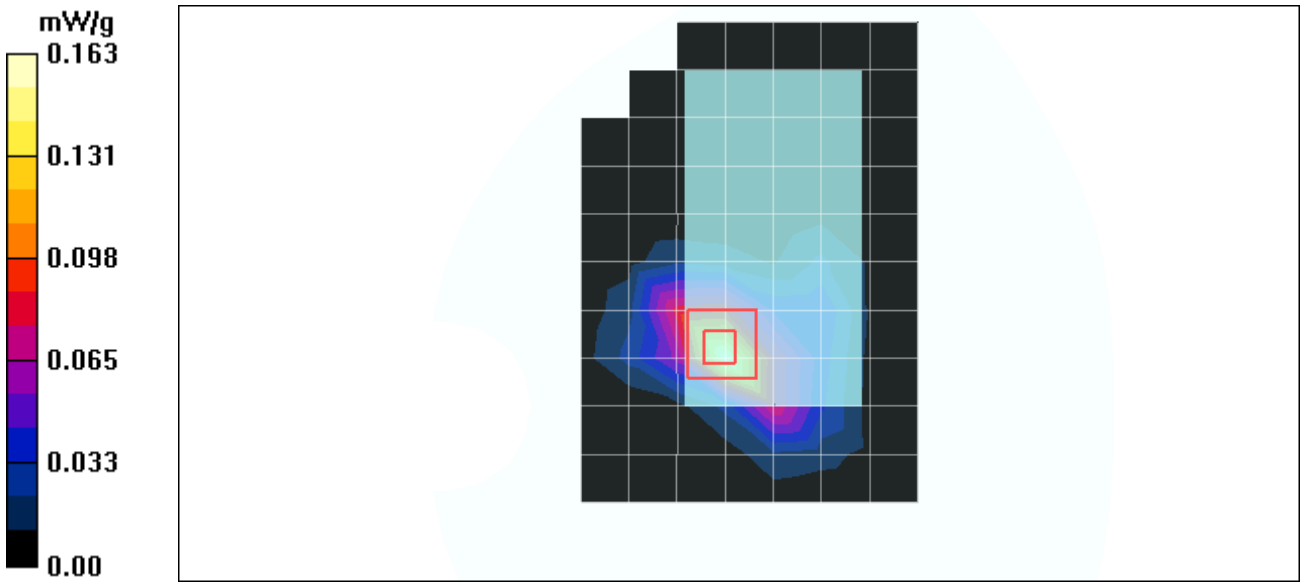
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5785 MHz; σ = 6.22 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5785/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.161 mW/g

Mid Channel 5785/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.49 V/m
Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.143 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.163 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 12

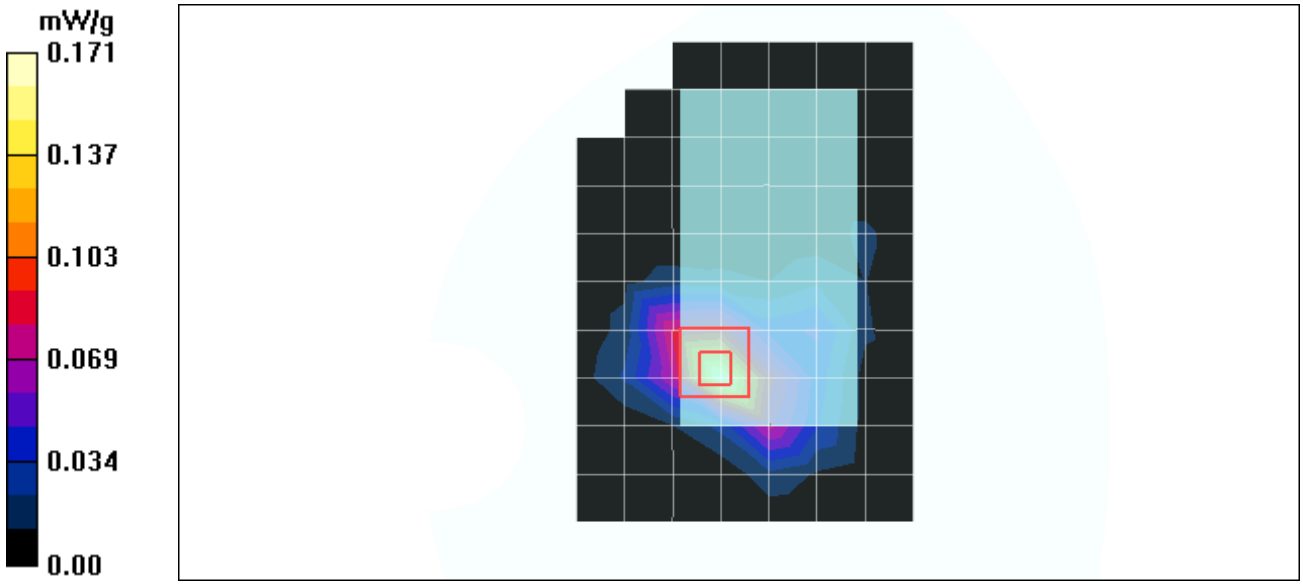
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5805 MHz; σ = 6.27 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

High Channel 5825/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.167 mW/g

High Channel 5825/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.51 V/m
Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.171 mW/g



Date/Time: 2005/3/14 21:08:05

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Turbo Mode 13

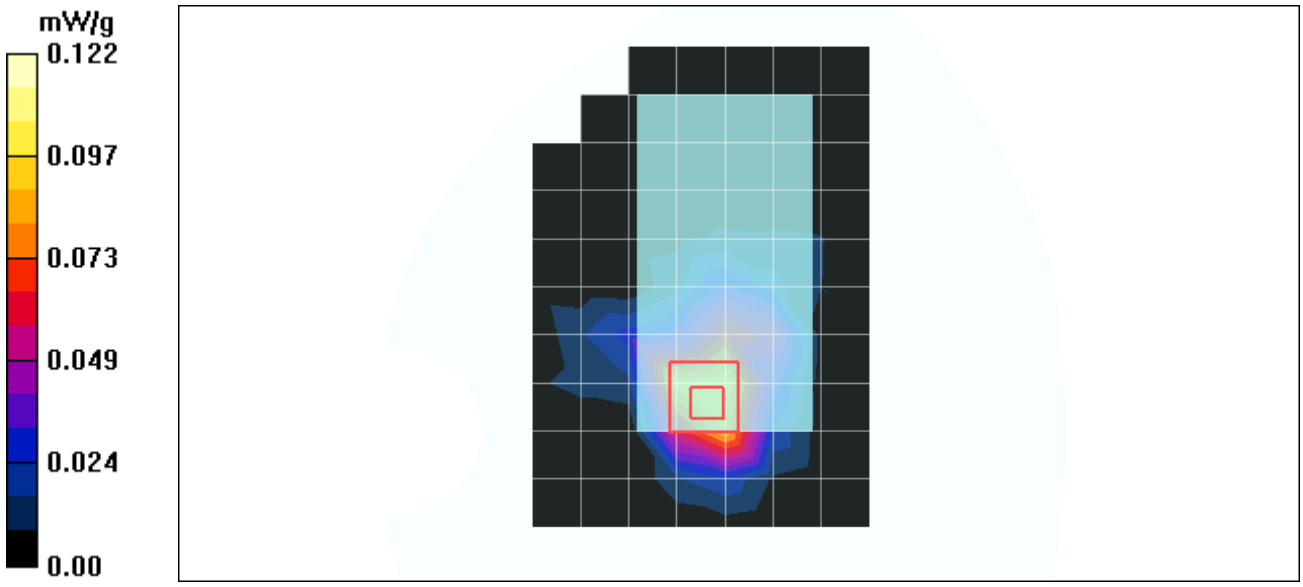
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5210 MHz

Communication System: 802.11a ; Frequency: 5210 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5210 MHz; σ = 5.33 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Low Channel 5210/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.099 mW/g

Low Channel 5210/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.21 V/m
Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Turbo Mode 13

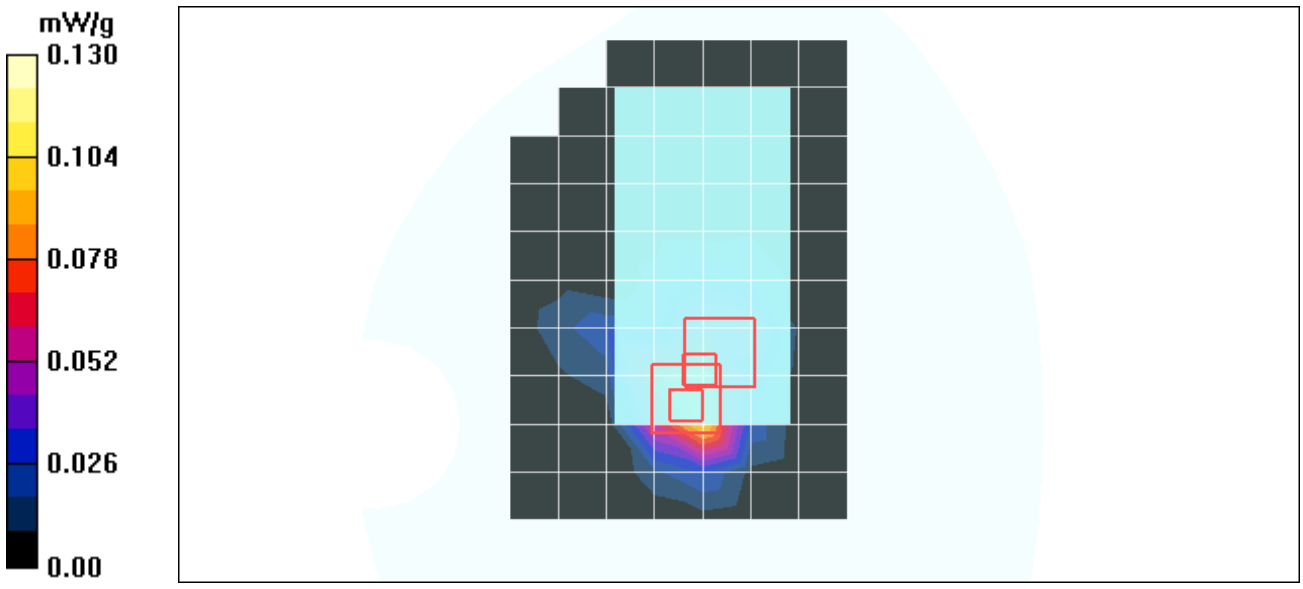
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5250 MHz

Communication System: 802.11a ; Frequency: 5250 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5250 MHz; σ = 5.39 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5250/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.101 mW/g

Mid Channel 5250/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.44 V/m
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.138 mW/g

Mid Channel 5250/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.44 V/m
Peak SAR (extrapolated) = 0.310 W/kg
SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.130 mW/g



Date/Time: 2005/3/14 22:17:03

Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Normal Mode 13

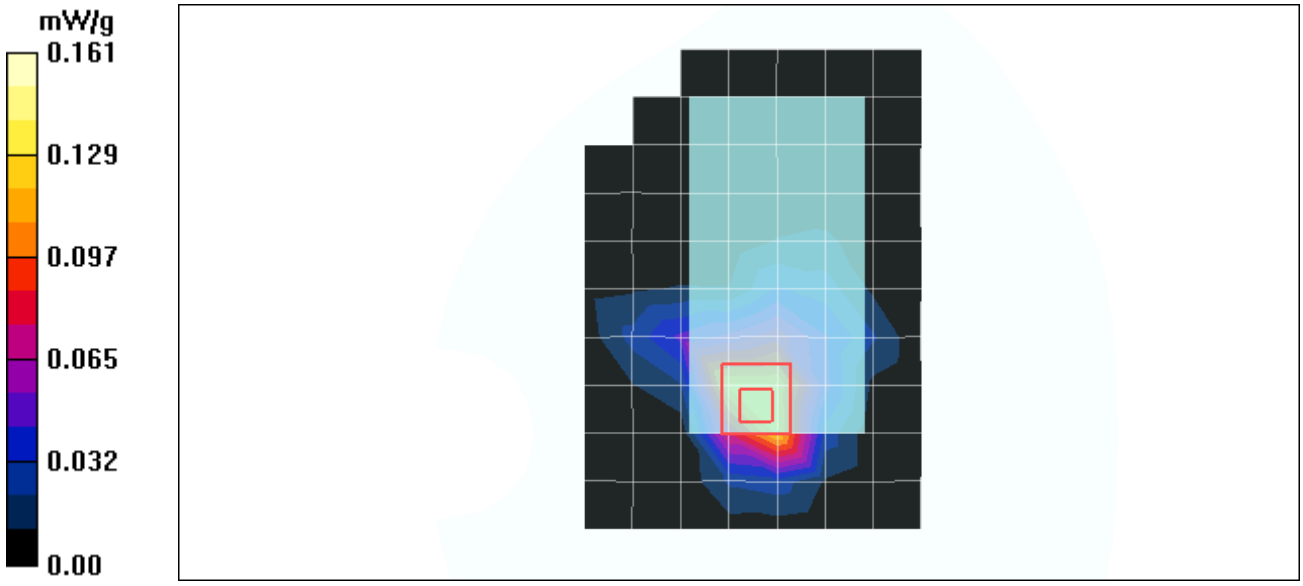
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5290 MHz

Communication System: 802.11a ; Frequency: 5290 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5290 MHz; σ = 5.44 mho/m; ε_r = 47.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5290 Turbo Mode/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.121 mW/g

Mid Channel 5290 Turbo Mode/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.85 V/m
Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.161 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Turbo Mode 13

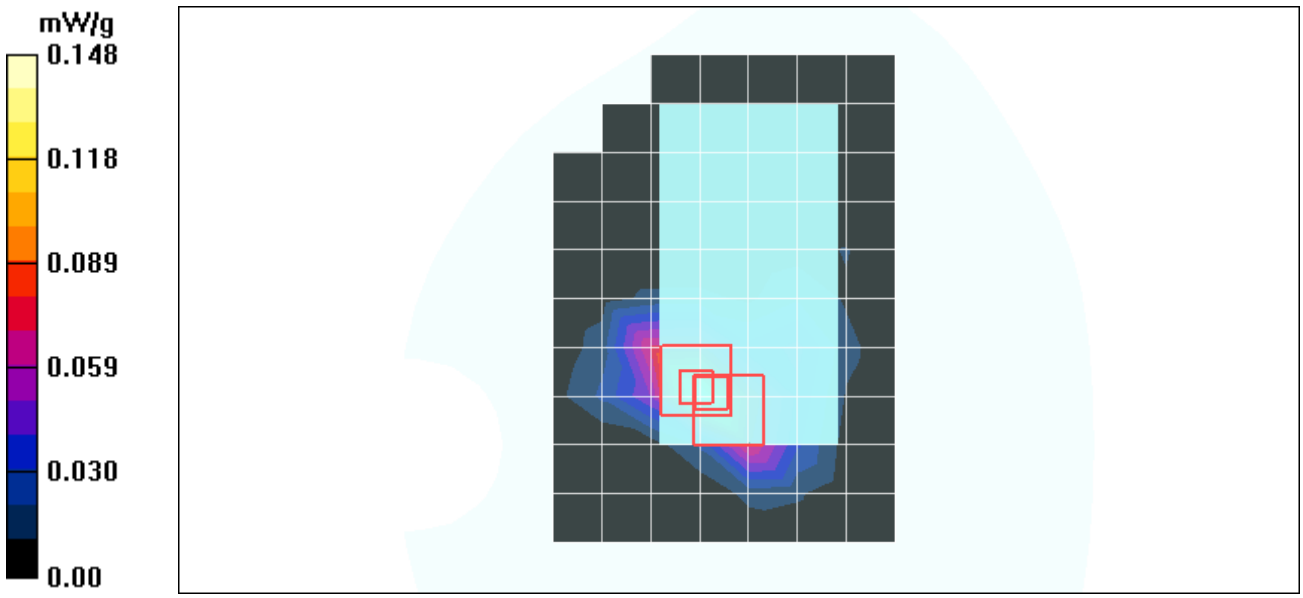
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5760 MHz

Communication System: 802.11a ; Frequency: 5760 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5760 MHz; σ = 6.17 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5760/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.147 mW/g

Mid Channel 5760/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.56 V/m
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.151 mW/g

Mid Channel 5760/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.56 V/m
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.041 mW/g
Maximum value of SAR (measured) = 0.148 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG D600 11a Turbo Mode 13

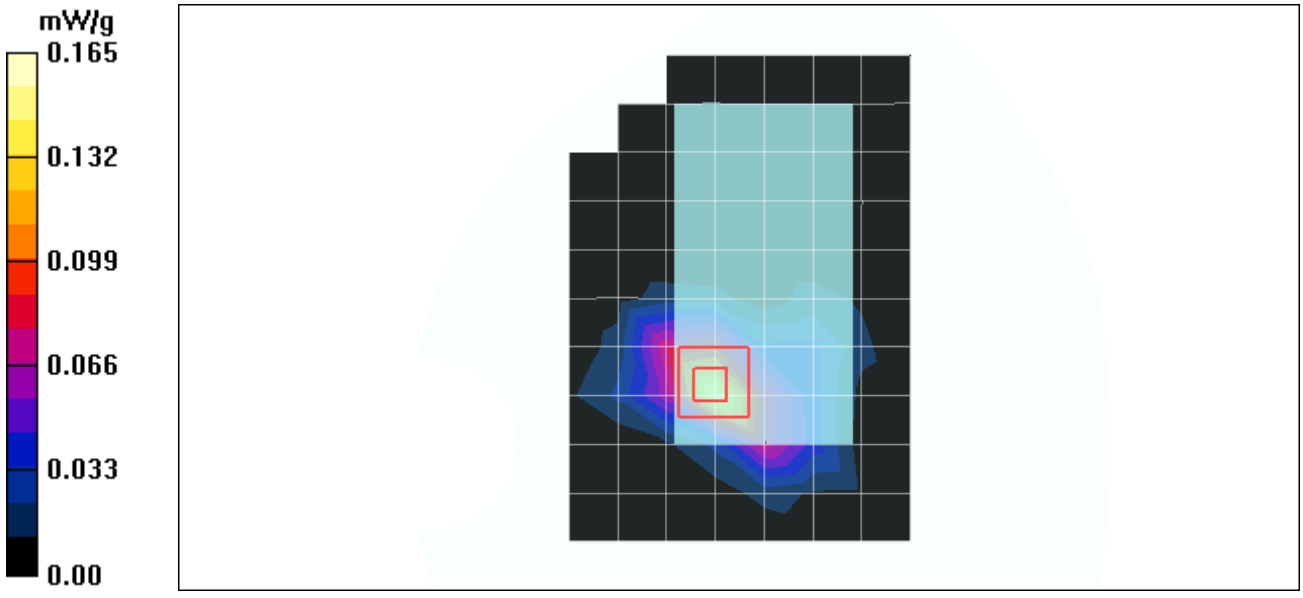
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5800 MHz

Communication System: 802.11a ; Frequency: 5800 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5800 MHz; σ = 6.24 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 15 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

High Channel 5800/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.150 mW/g

High Channel 5800/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.48 V/m
Peak SAR (extrapolated) = 0.396 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.165 mW/g



Date/Time: 2005/3/15 00:09:02

Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 14 11a Normal

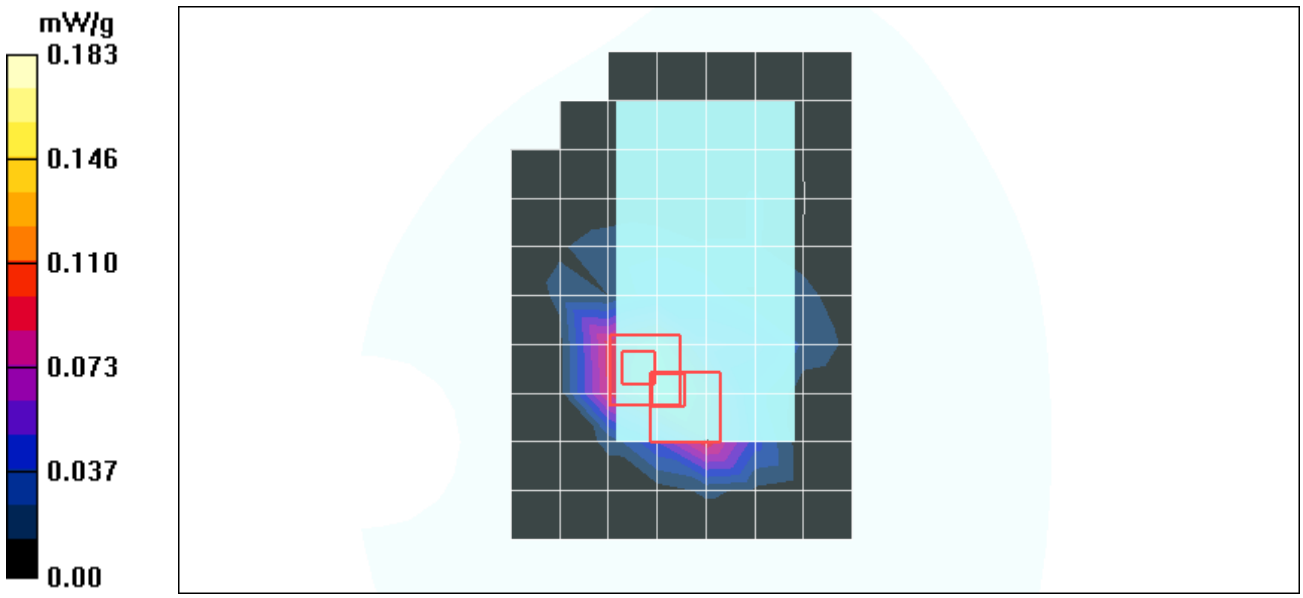
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5180 MHz

Communication System: 802.11a ; Frequency: 5180 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5180 MHz; σ = 5.28 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Low Channel 5180/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.132 mW/g

Low Channel 5180/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.39 V/m
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.183 mW/g

Low Channel 5180/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.39 V/m
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.175 mW/g



Date/Time: 2005/3/15 00:51:58

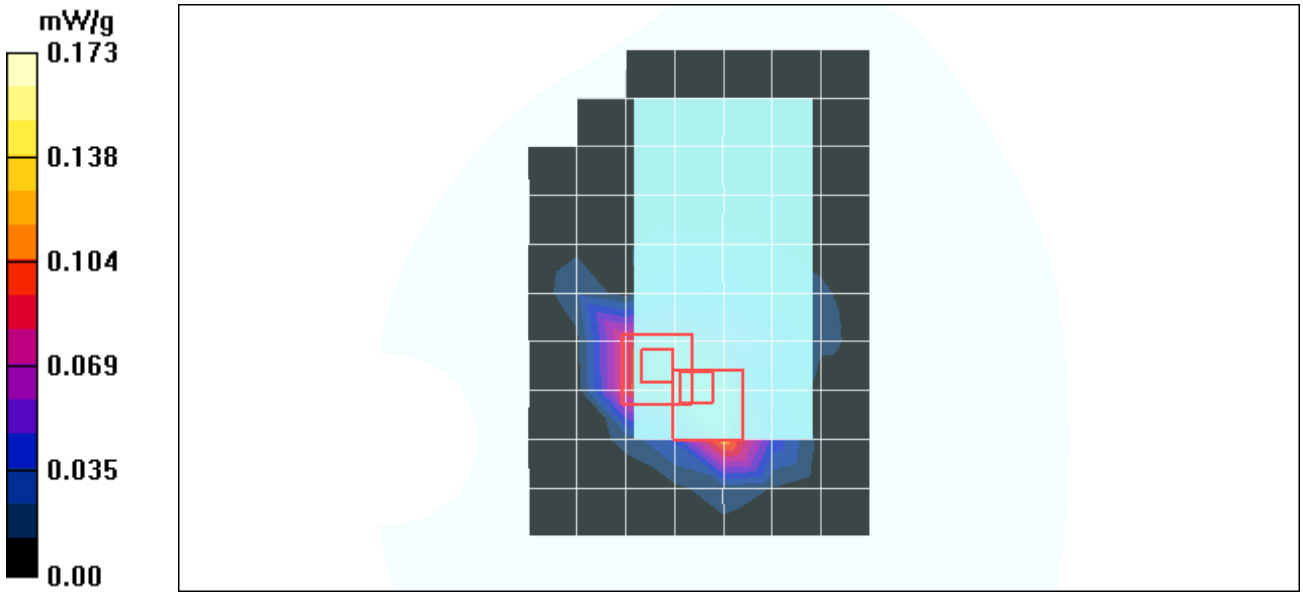
Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 14 11a Normal

DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5240 MHz

Communication System: 802.11a ; Frequency: 5240 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5240 MHz; σ = 5.23 mho/m; ε_r = 47; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5240/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.124 mW/g
Mid Channel 5240/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.68 V/m
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.189 mW/g
Mid Channel 5240/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.68 V/m
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.173 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG C600 11a Normal Mode 14

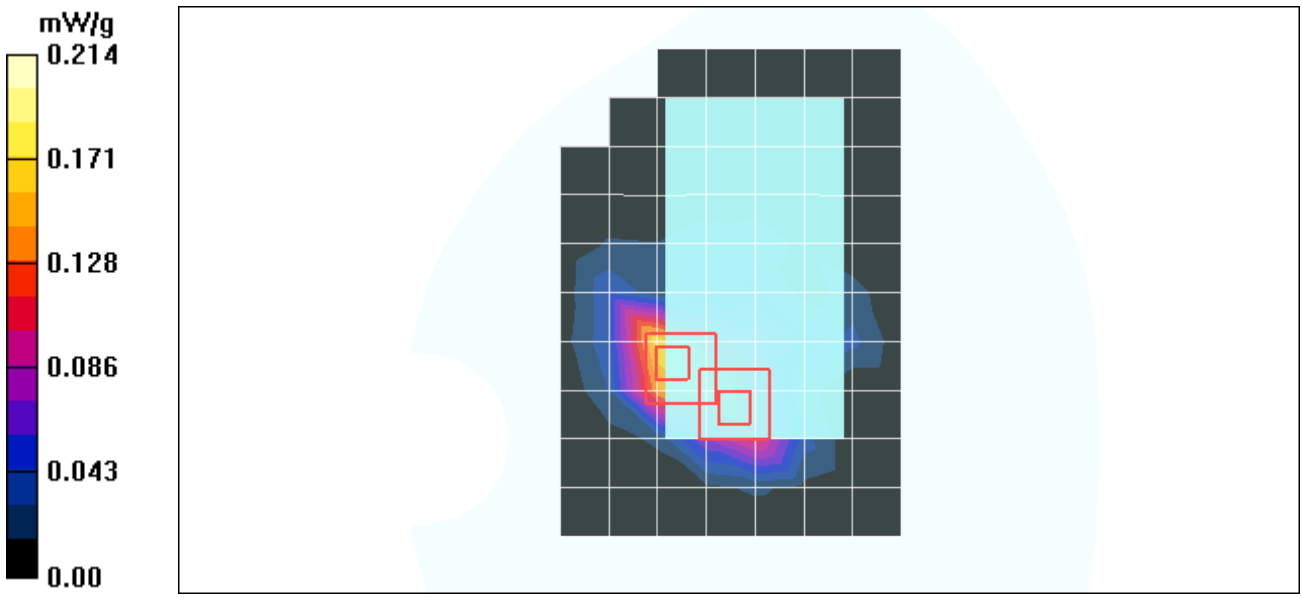
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5260 MHz

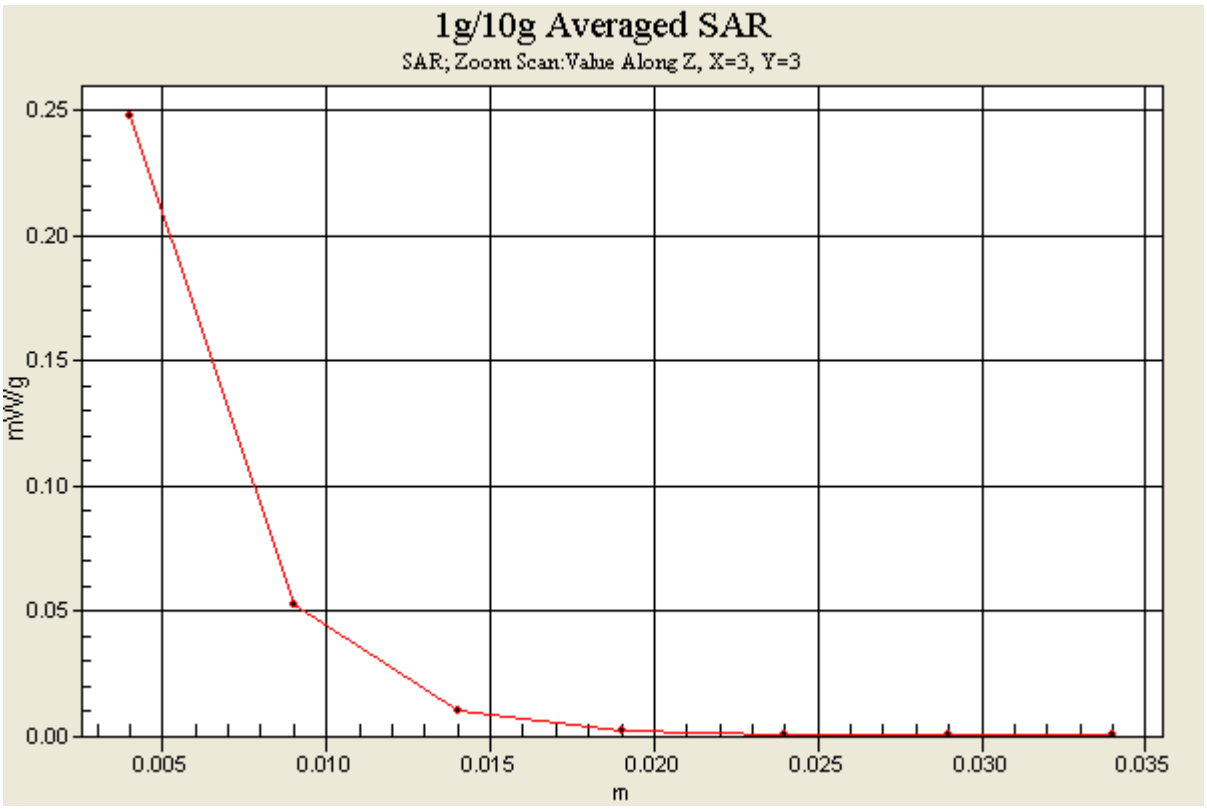
Communication System: 802.11a ; Frequency: 5260 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5260 MHz; σ = 5.4 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5260/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.171 mW/g

Mid Channel 5260/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.75 V/m
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.248 mW/g

Mid Channel 5260/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.75 V/m
Peak SAR (extrapolated) = 0.501 W/kg
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.214 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
mW/g
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

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Test Laboratory: Advance Data Technology

WPCA-135AG C600 11a Normal Mode 14

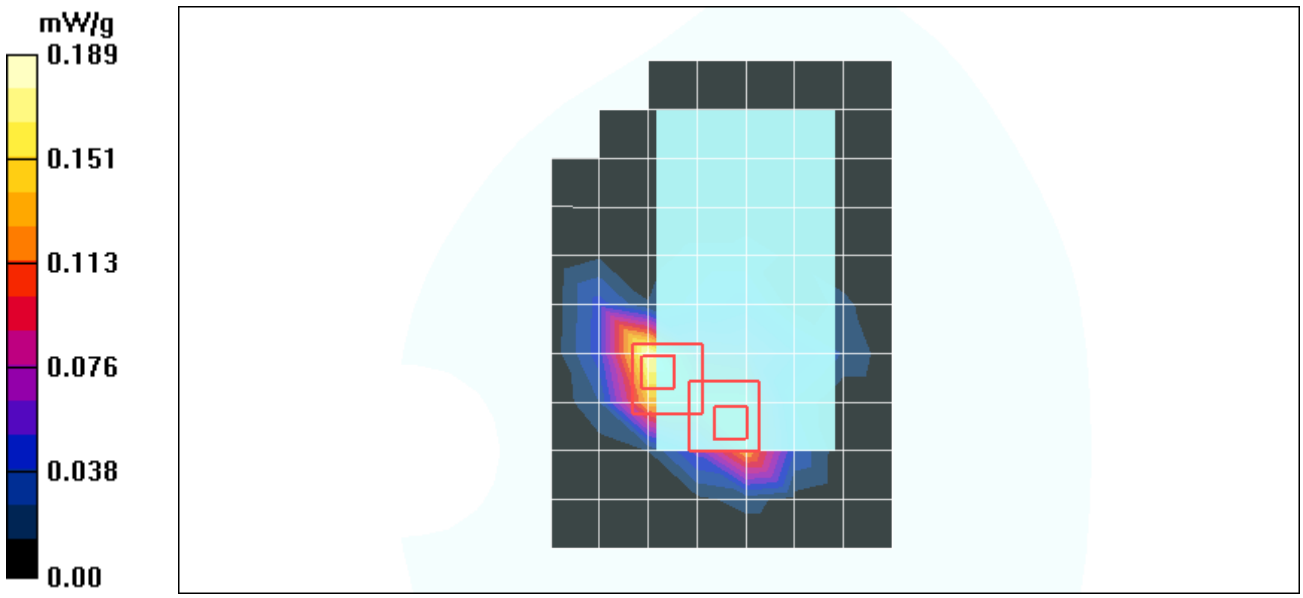
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5320 MHz

Communication System: 802.11a ; Frequency: 5320 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5320 MHz; σ = 5.49 mho/m; ε_r = 47.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5320/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.182 mW/g

Mid Channel 5320/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.91 V/m
Peak SAR (extrapolated) = 0.587 W/kg
SAR(1 g) = 0.202 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.236 mW/g

Mid Channel 5320/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.91 V/m
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.159 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG C600 11a Normal Mode 14

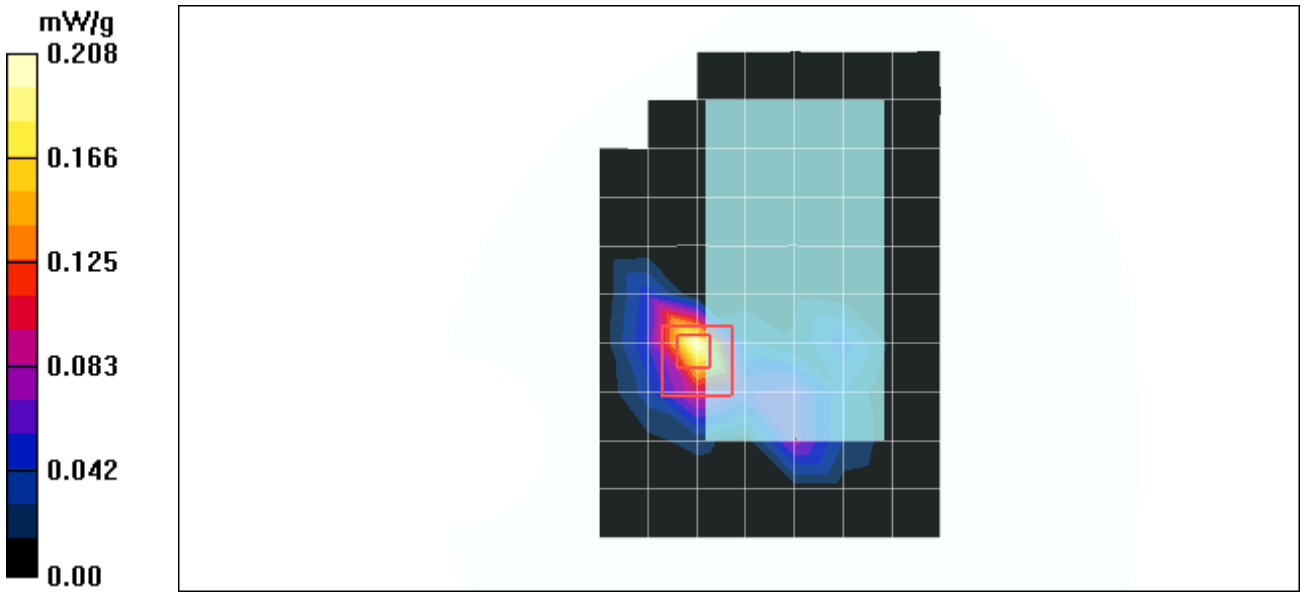
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5745 MHz

Communication System: 802.11a ; Frequency: 5745 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5745 MHz; σ = 6.15 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5745/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.211 mW/g

Mid Channel 5745/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.67 V/m
Peak SAR (extrapolated) = 0.560 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.208 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 14 11a Normal

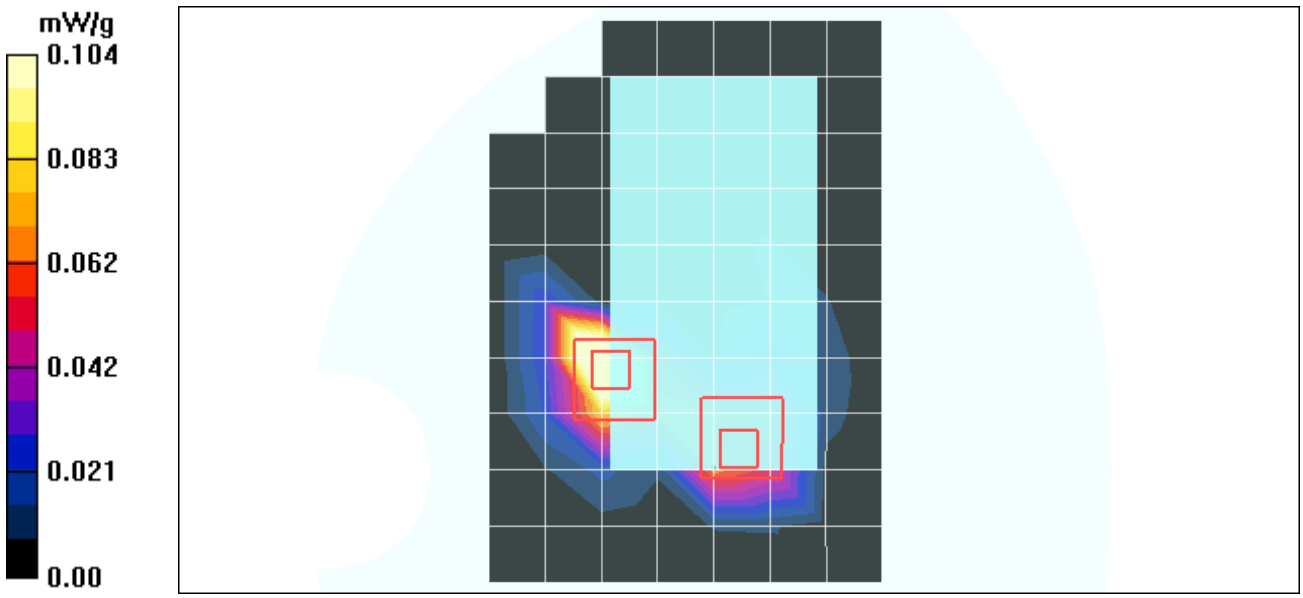
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5785 MHz

Communication System: 802.11a ; Frequency: 5785 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5785 MHz; σ = 6.22 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5785/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.156 mW/g

Mid Channel 5785/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.16 V/m
Peak SAR (extrapolated) = 0.413 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.173 mW/g

Mid Channel 5785/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.16 V/m
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.104 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 14 11a Normal

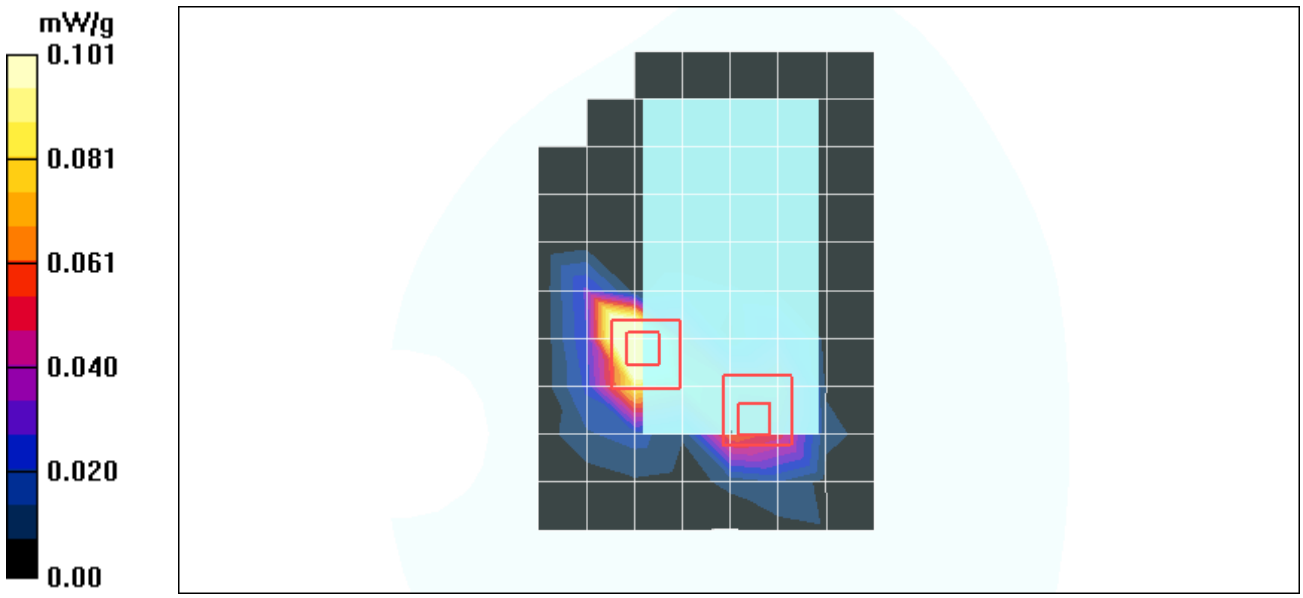
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5825 MHz

Communication System: 802.11a ; Frequency: 5825 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5805 MHz; σ = 6.27 mho/m; ε_r = 46.8; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

High Channel 5825/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.159 mW/g

High Channel 5825/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.27 V/m
Peak SAR (extrapolated) = 0.419 W/kg
SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.176 mW/g

High Channel 5825/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 3.27 V/m
Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.101 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 15 11a Turbo

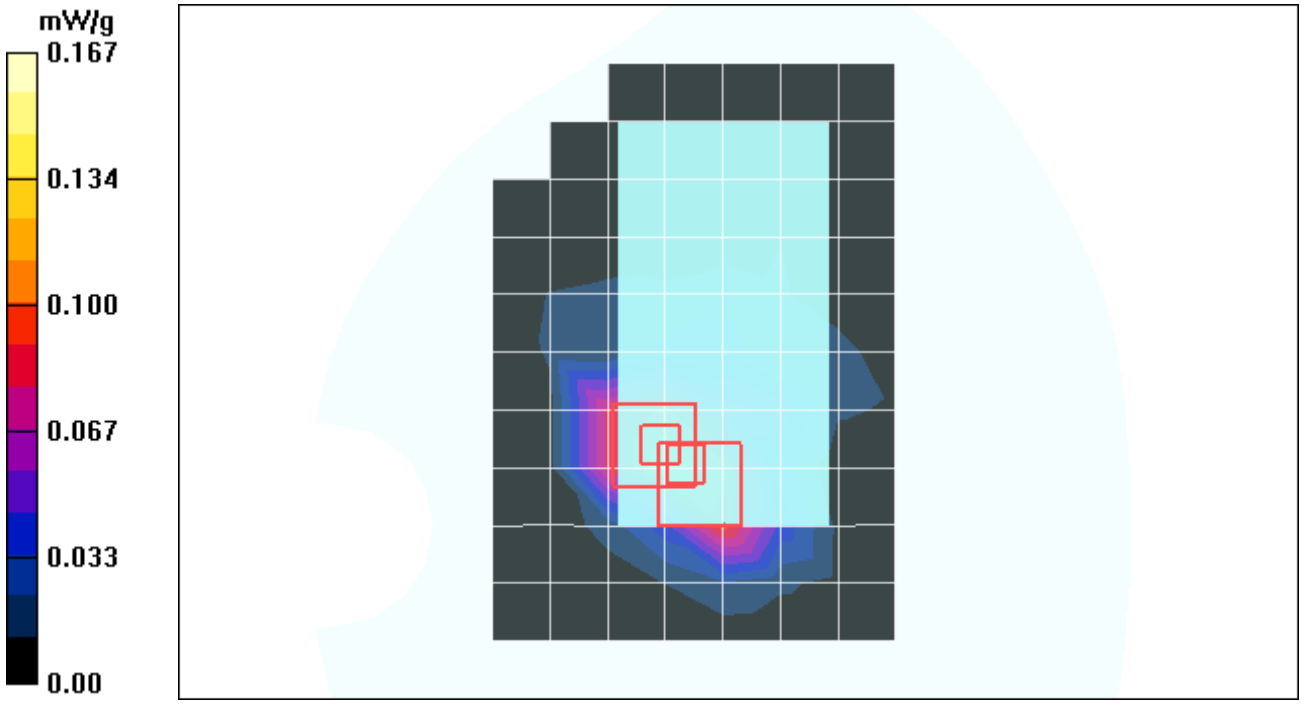
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5210 MHz

Communication System: 802.11a ; Frequency: 5210 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5210 MHz; σ = 5.33 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Low Channel 5210/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.123 mW/g

Low Channel 5210/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.35 V/m
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.168 mW/g

Low Channel 5210/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.35 V/m;Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.167 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 15 11a Turbo

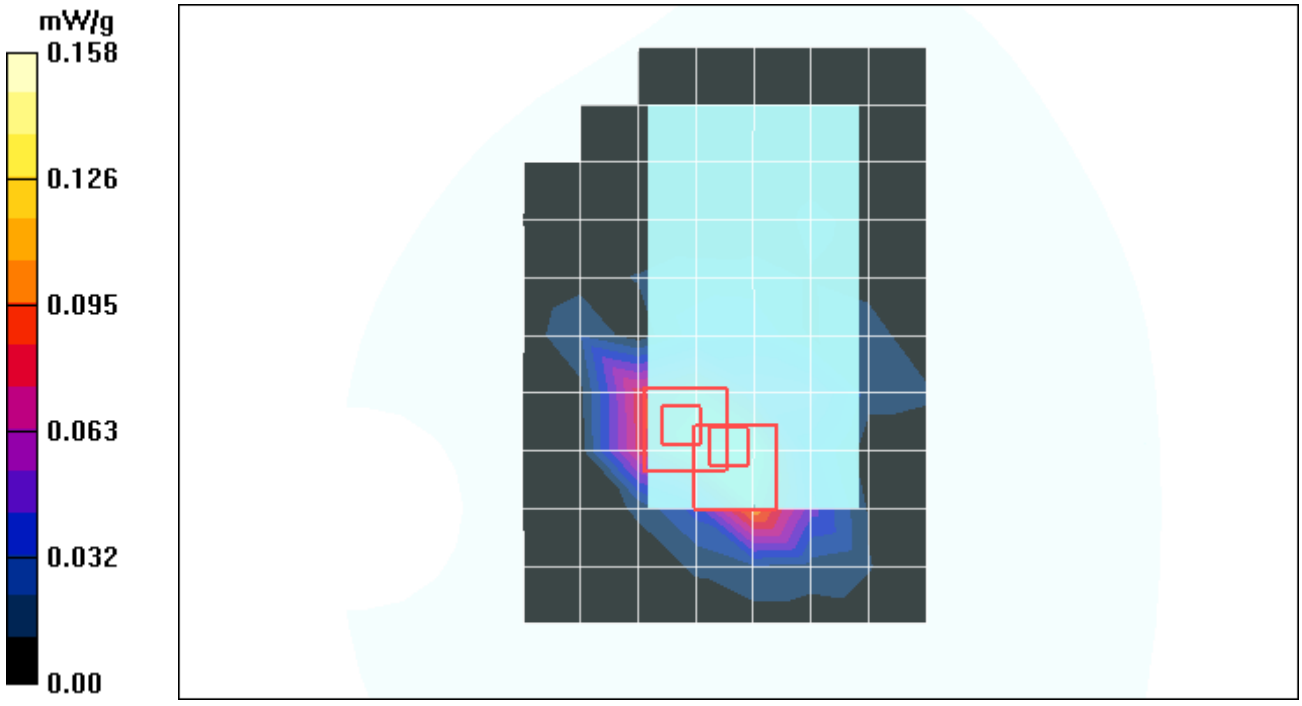
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5250 MHz

Communication System: 802.11a ; Frequency: 5250 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5250 MHz; σ = 5.39 mho/m; ε_r = 48; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5250/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.120 mW/g

Mid Channel 5250/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.54 V/m
Peak SAR (extrapolated) = 0.663 W/kg
SAR(1 g) = 0.166 mW/g; SAR(10 g) = 0.060 mW/g
Maximum value of SAR (measured) = 0.179 mW/g

Mid Channel 5250/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 4.54 V/m;Peak SAR (extrapolated) = 0.398 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.158 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG C600 11a Normal Mode 15

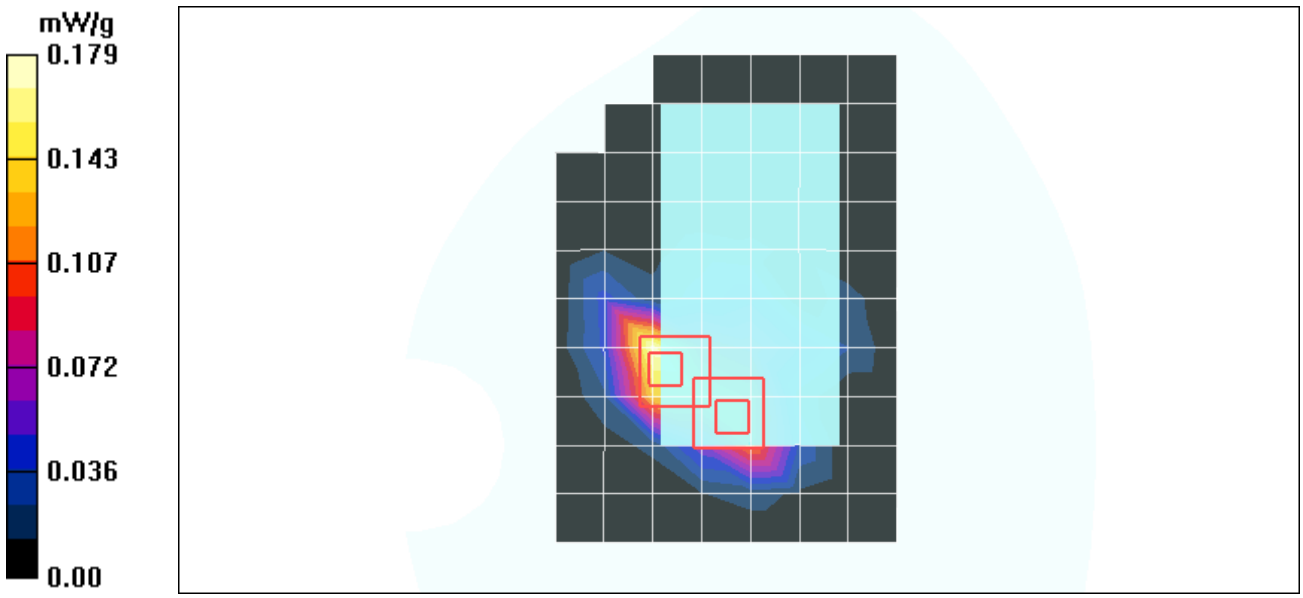
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5290 MHz

Communication System: 802.11a ; Frequency: 5290 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5290 MHz; σ = 5.44 mho/m; ε_r = 47.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5290 Turbo Mode/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.175 mW/g

Mid Channel 5290 Turbo Mode/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.65 V/m
Peak SAR (extrapolated) = 0.516 W/kg
SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.229 mW/g

Mid Channel 5290 Turbo Mode/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 4.65 V/m
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.179 mW/g



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Test Laboratory: Advance Data Technology

WPCA-135AG Dell C600 Mode 15 11a Turbo

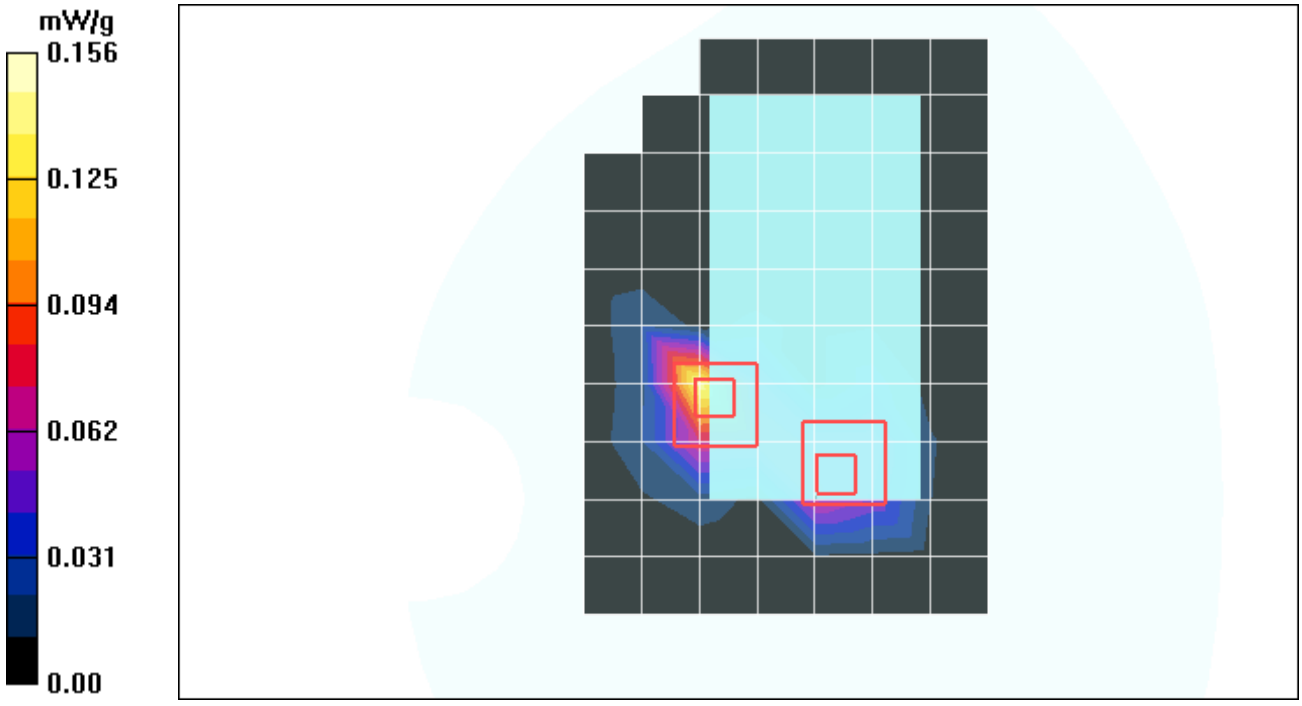
DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5760 MHz

Communication System: 802.11a ; Frequency: 5760 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5760 MHz; σ = 6.17 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

Mid Channel 5760/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.142 mW/g

Mid Channel 5760/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 3.32 V/m;Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.103 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.111 mW/g

Mid Channel 5760/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm;Reference Value = 3.32 V/m
Peak SAR (extrapolated) = 0.407 W/kg
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.156 mW/g



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Test Laboratory: Advance Data Technology

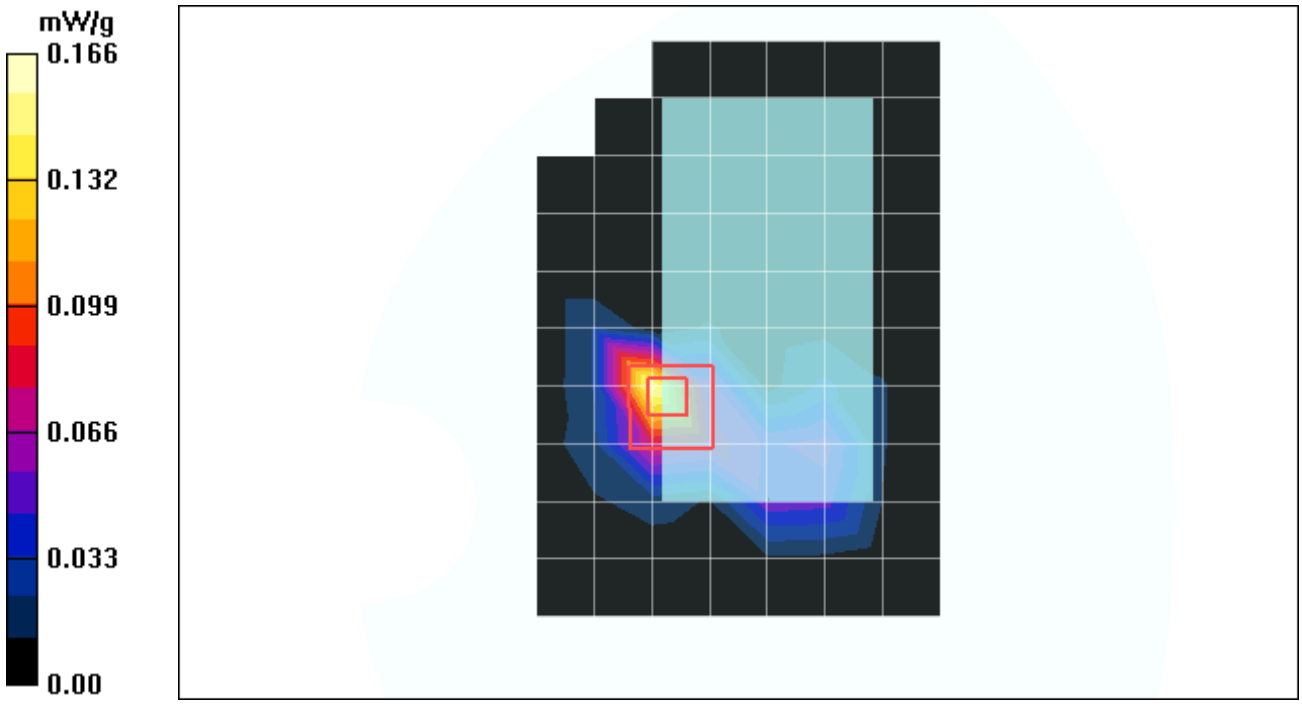
WPCA-135AG Dell C600 Mode 15 11a Turbo

DUT: 11a/b/g Wireless PC Card with XJACK Antenna ; Type: SL-3050 ; Test Frequency: 5800 MHz

Communication System: 802.11a ; Frequency: 5800 MHz ; Duty Cycle: 1:1 ; Modulation type: OFDM
Medium: MSL5800 Medium parameters used: f = 5800 MHz; σ = 6.24 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)
Antenna type : External Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

High Channel 5800/Area Scan (8x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.160 mW/g

High Channel 5800/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 2.94 V/m
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



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Test Laboratory: Advance Data Technology

System Validation Check-MSL 2450MHz 2005-05-09

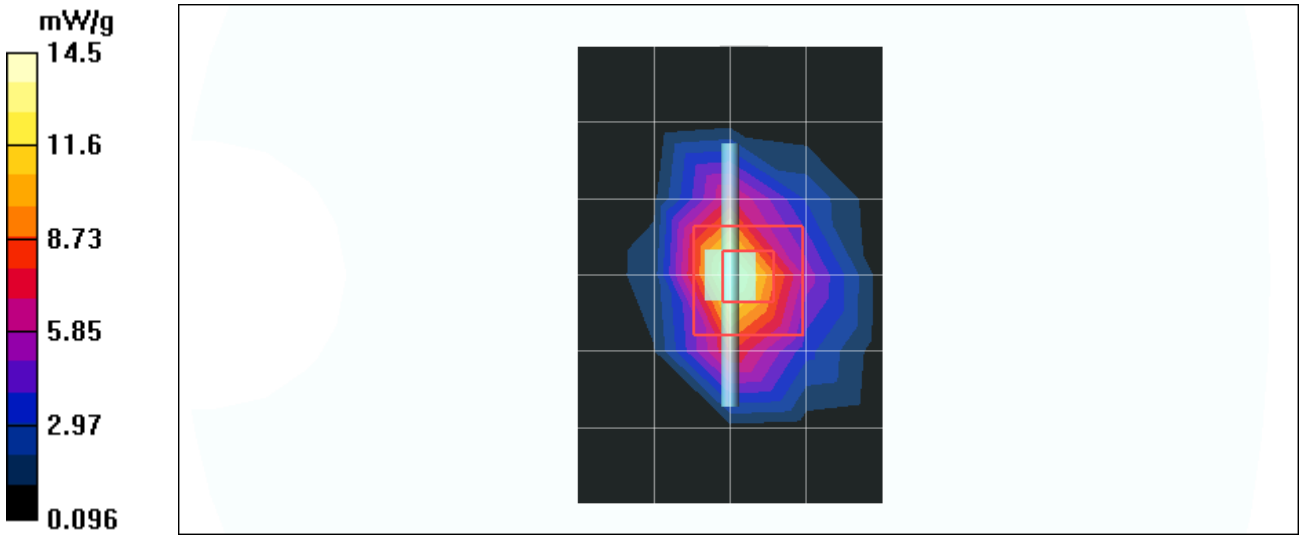
DUT: Dipole 2450 MHz ; Type: D2450V2 ; Serial: 737 ; Test Frequency: 2450 MHz

Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL2450;Medium parameters used: f = 2450 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3 ; Liquid level : 150 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1753 ; ConvF(4.25, 4.25, 4.25) ; Calibrated: 2004/8/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2005/3/23
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

d=10mm, Pin=250mW/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 13.6 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 85.8 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 29.4 W/kg

SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.07 mW/g
Maximum value of SAR (measured) = 14.5 mW/g



Date/Time: 2005/03/14 09:47:04

Test Laboratory: Advance Data Technology

System Validation Check-MSL 5GHz 2005-03-14

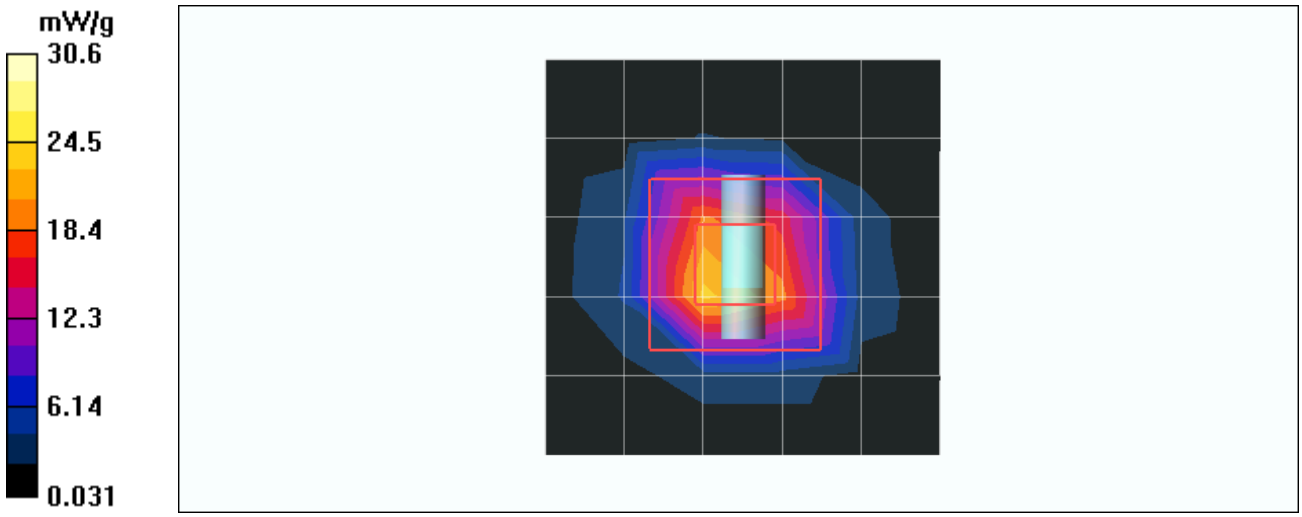
DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1018 ; Test Frequency: 5200 MHz

Communication System: CW ; Frequency: 5200 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL5800;Medium parameters used: f = 5200 MHz; σ = 5.36 mho/m; ε_r = 48.5; ρ = 1000 kg/m^3 ; Liquid level : 150 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.57, 4.57, 4.57) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

f=5200, d=10mm, Pin=250mW/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 23.2 mW/g

f=5200, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 80.8 V/m; Power Drift = 0.254 dB
Peak SAR (extrapolated) = 59.1 W/kg

SAR(1 g) = 18.3 mW/g; SAR(10 g) = 5.12 mW/g
Maximum value of SAR (measured) = 30.6 mW/g



Date/Time: 2005/03/14 09:47:04

Test Laboratory: Advance Data Technology

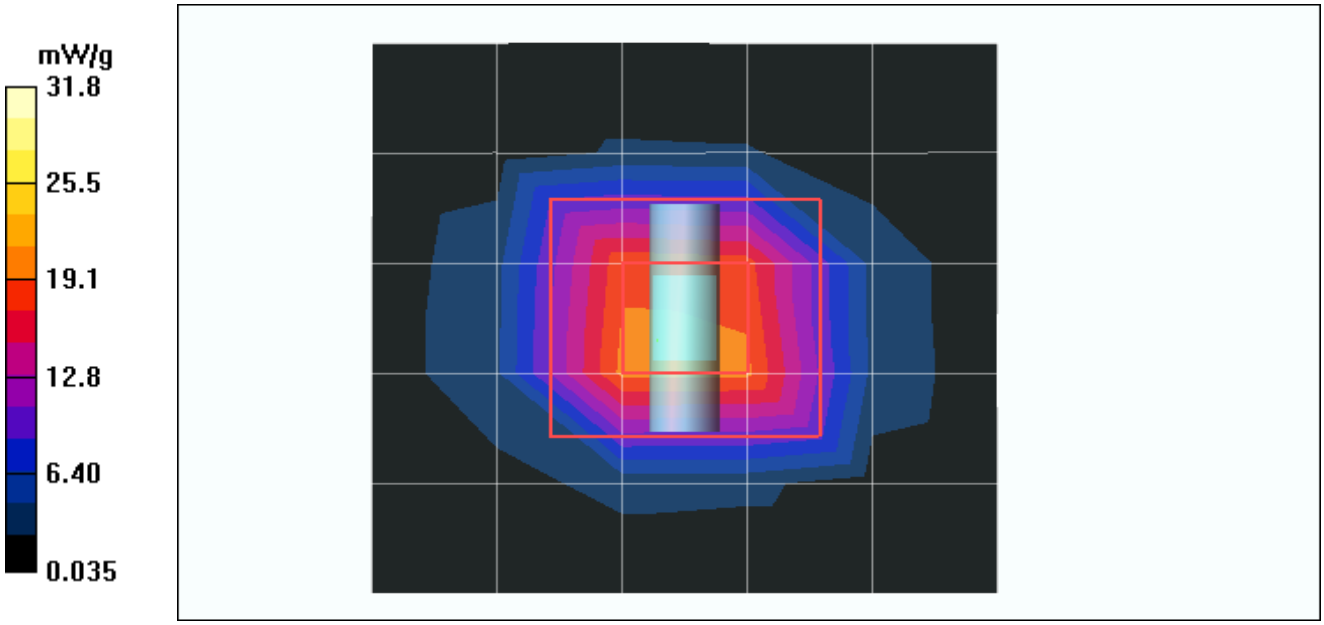
System Validation Check-MSL 5GHz 2005-03-14

DUT: Dipole 5 GHz ; Type: D5GHzV2 ; Serial: 1018 ; Test Frequency: 5800 MHz

Communication System: CW ; Frequency: 5800 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL5800;Medium parameters used: f = 5800 MHz; σ = 6.24 mho/m; ε_r = 46.9; ρ = 1000 kg/m^3 ; Liquid level : 150 mm
Phantom section: Flat Section ; Separation distance : 10 mm (The feetpoint of the dipole to the Phantom)Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: EX3DV3 - SN3506 ; ConvF(4.19, 4.19, 4.19) ; Calibrated: 2004/3/19
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510 ; Calibrated: 2004/8/17
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.4 Build 3 ; Postprocessing SW: SEMCAD, V1.8 Build 130

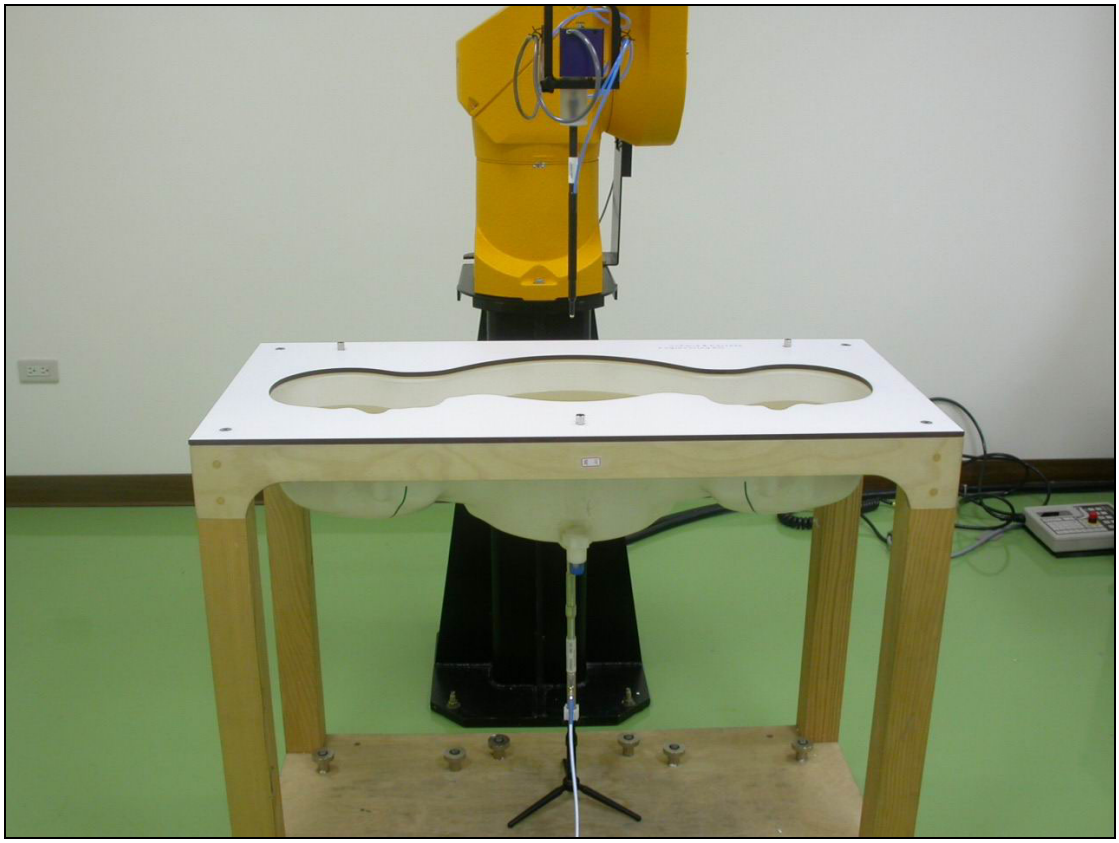
f=5800, d=10mm, Pin=250mW/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 25.3 mW/g
f=5800, d=10mm, Pin=250mW/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm
Reference Value = 75.1 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 69.0 W/kg

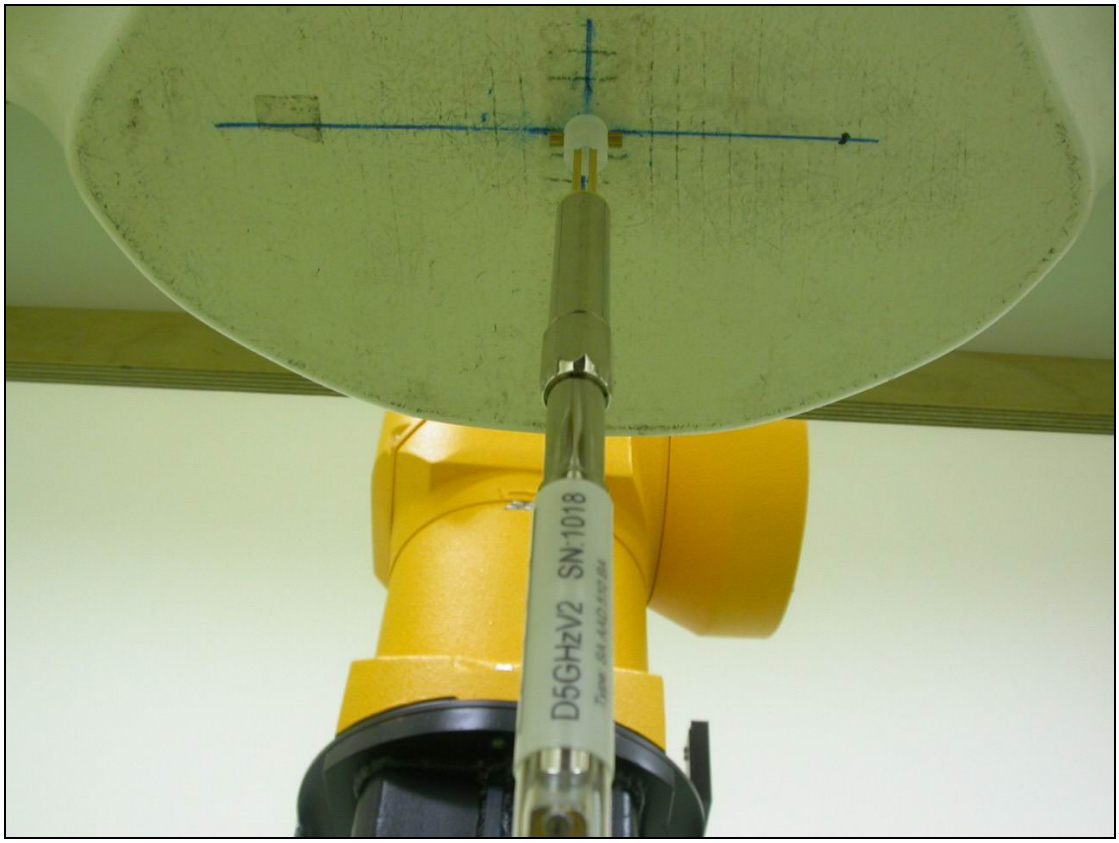
SAR(1 g) = 17.2 mW/g; SAR(10 g) = 4.81 mW/g
Maximum value of SAR (measured) = 31.8 mW/g



APPENDIX B: ADT SAR MEASUREMENT SYSTEM

APPENDIX C: PHOTOGRAPHS OF SYSTEM VALIDATION





APPENDIX C: PHOTOGRAPHS OF SYSTEM VALIDATION