Date/Time: 10/02/03 21:30:10

Test Laboratory: Advance Data Technology

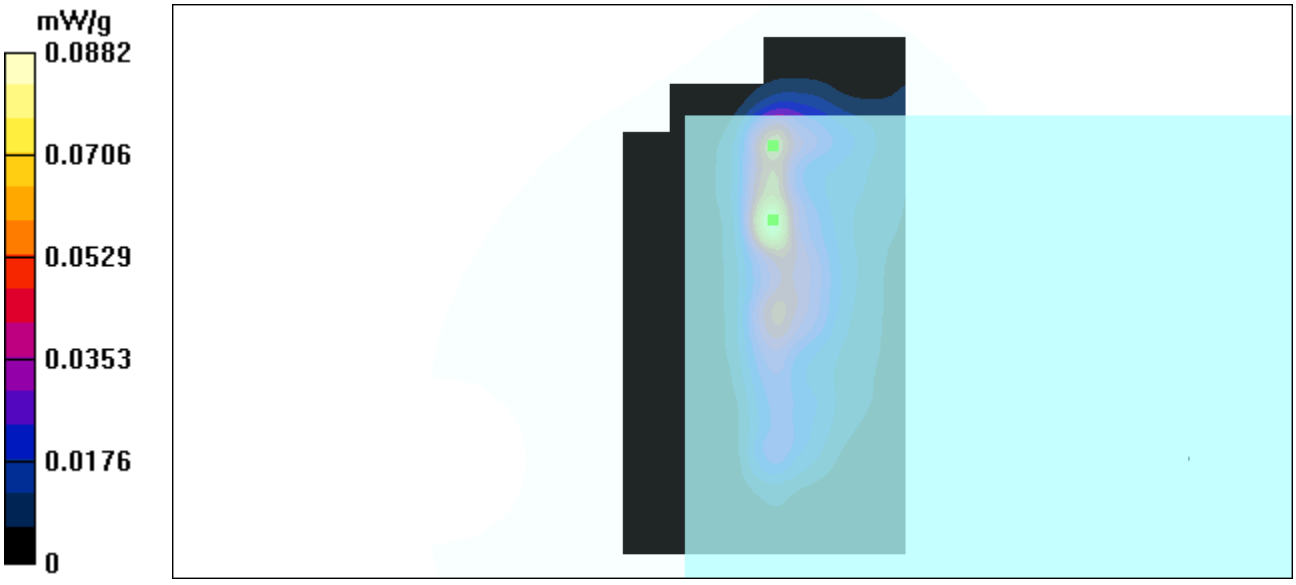
M275 Mode 3 Main Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.94 mho/m, ε_r = 51.85, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.59 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.0787 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.224 W/kg
SAR(1 g) = 0.0744 mW/g; SAR(10 g) = 0.0284 mW/g
Reference Value = 3.59 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.0882 mW/g



Date/Time: 10/02/03 22:11:14

Test Laboratory: Advance Data Technology

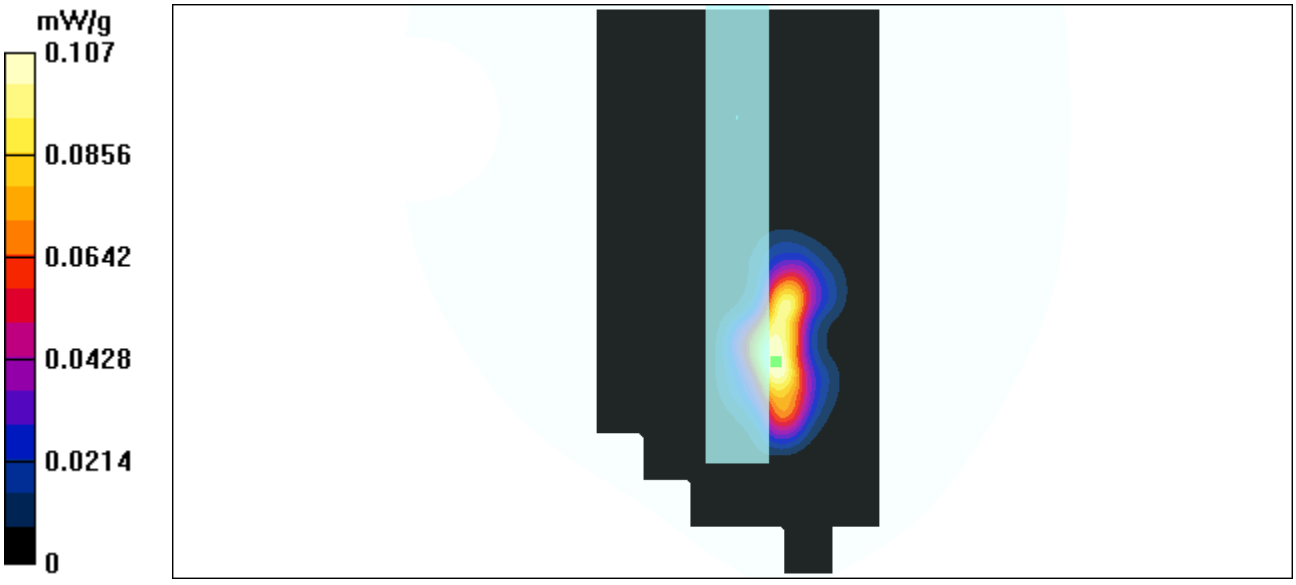
M275 Mode 4 Main Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.86 mho/m, ε_r = 53.61, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The right side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 0.869 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.112 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.0821 mW/g; SAR(10 g) = 0.0396 mW/g
Reference Value = 0.869 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.107 mW/g



Date/Time: 10/02/03 22:35:54

Test Laboratory: Advance Data Technology

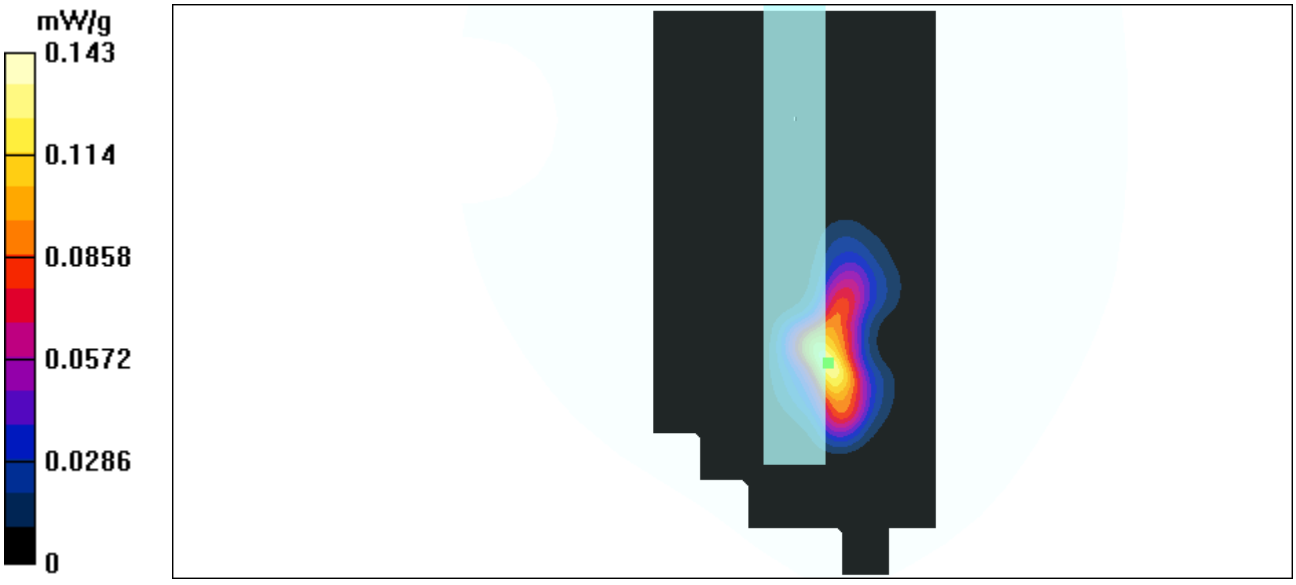
M275 Mode 4 Main Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.89 mho/m, ε_r = 52.77, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The right side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 0.733 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 0.133 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.365 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.0479 mW/g
Reference Value = 0.733 V/m
Power Drift = 0.1 dB
Maximum value of SAR = 0.143 mW/g



Date/Time: 10/02/03 23:00:52

Test Laboratory: Advance Data Technology

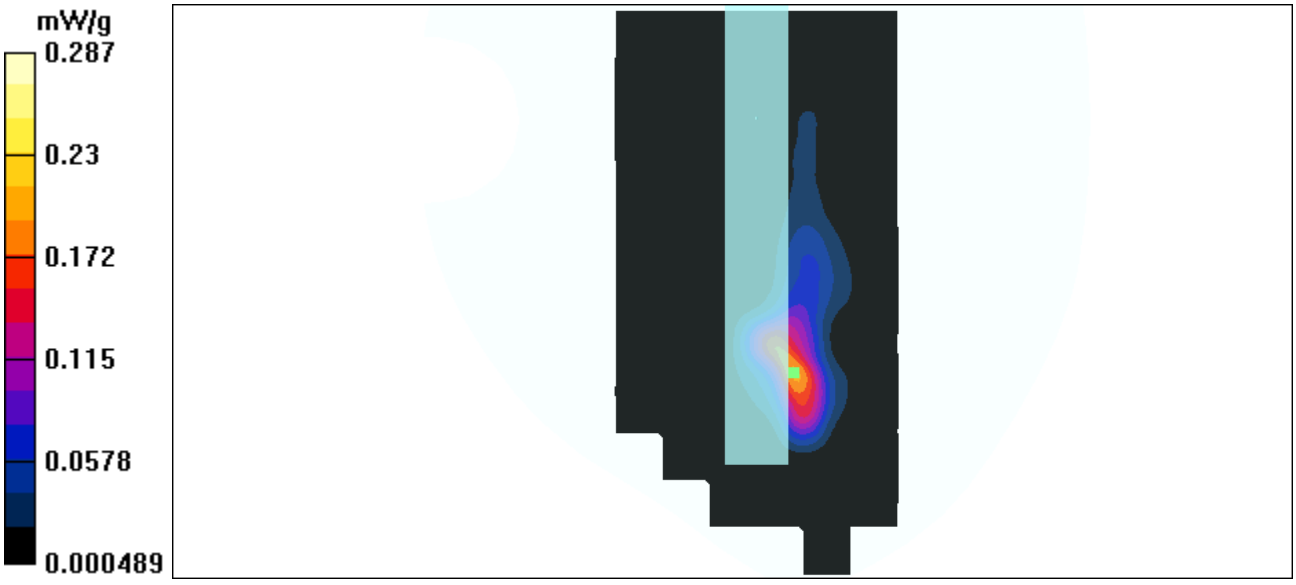
M275 Mode 4 Main Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.94 mho/m, ε_r = 51.85, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The right side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 1.39 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.197 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.924 W/kg
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.0875 mW/g
Reference Value = 1.39 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.287 mW/g



Date/Time: 10/02/03 16:11:50

Test Laboratory: Advance Data Technology

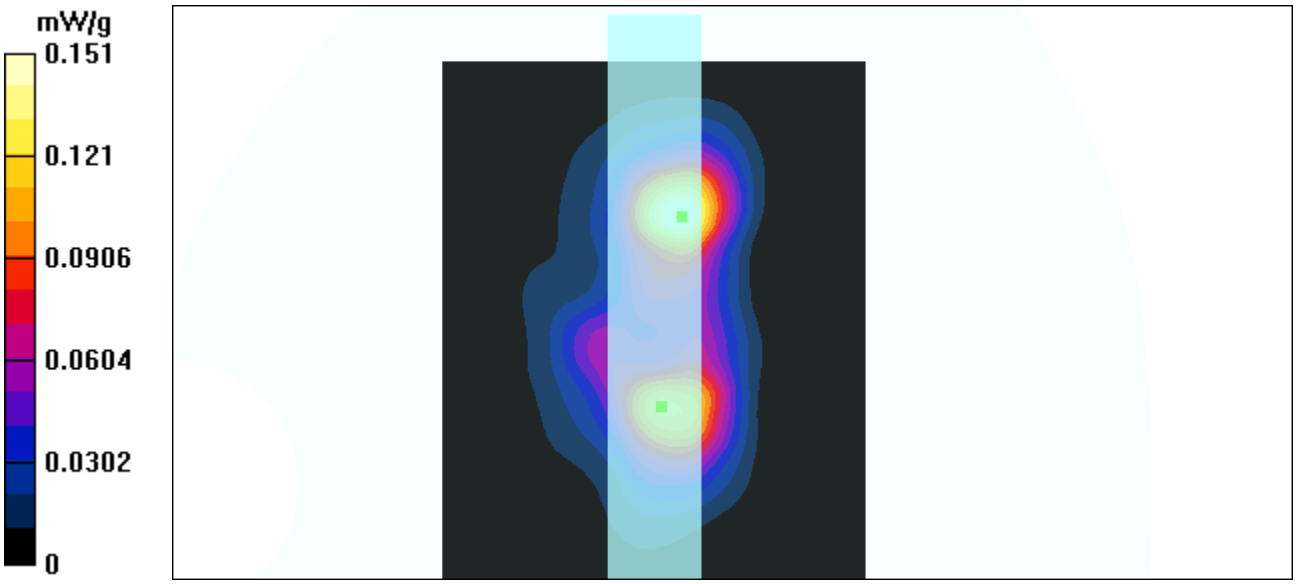
M275 Mode 5 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type:OFDM
Medium: MSL2450 (σ = 1.86 mho/m, ε_r = 53.61, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The left sdie of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.61 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 0.153 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.422 W/kg
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.0502 mW/g
Reference Value = 4.61 V/m
Power Drift = -0.3 dB
Maximum value of SAR = 0.151 mW/g



Date/Time: 10/02/03 16:11:50

Test Laboratory: Advance Data Technology

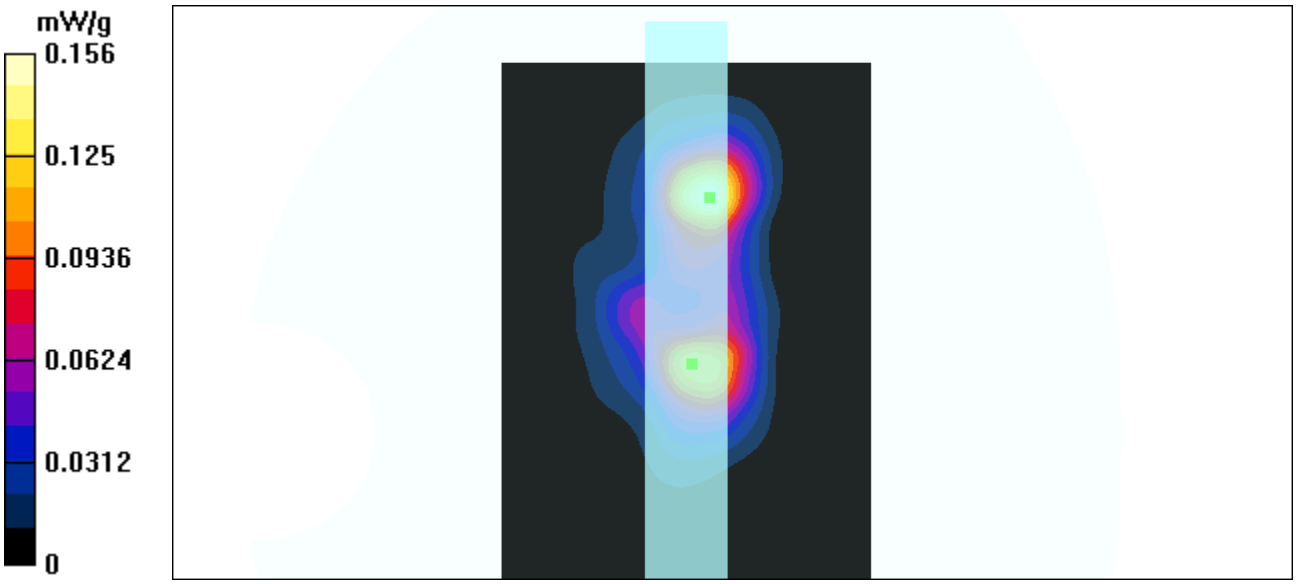
M275 Mode 5 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.89 mho/m, ε_r = 52.77, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The left side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.76 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.156 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.434 W/kg
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.0536 mW/g
Reference Value = 4.76 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.156 mW/g



Date/Time: 10/02/03 16:11:50

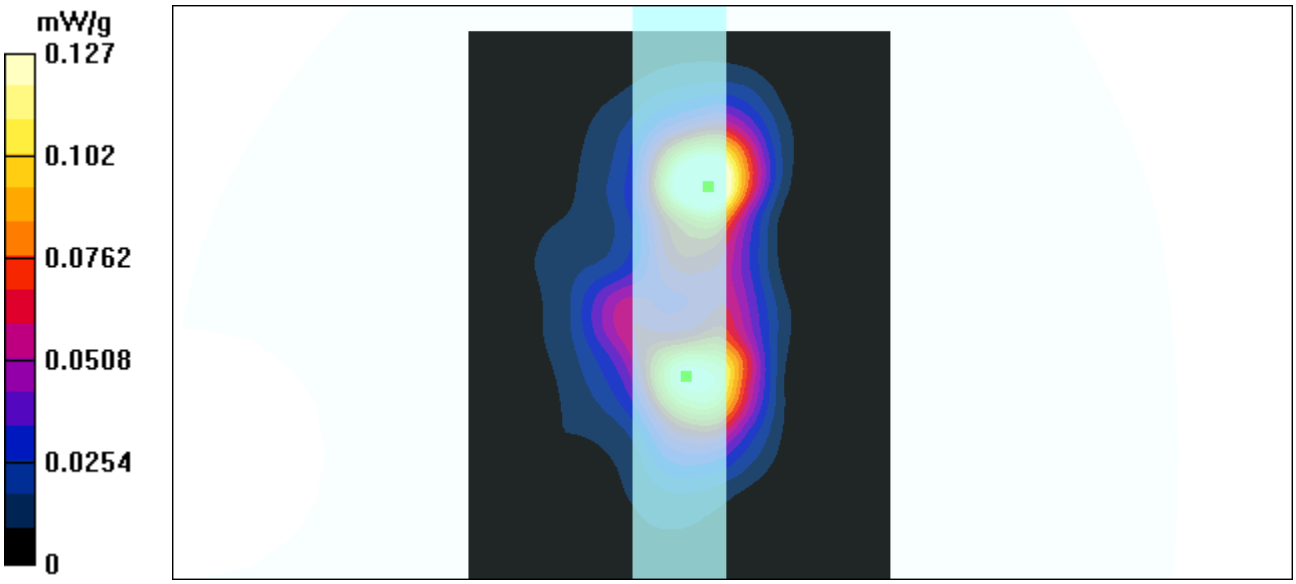
Test Laboratory: Advance Data Technology

M275 Mode 5 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.94 mho/m, ε_r = 51.85, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.16 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.123 mW/g
Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.404 W/kg
SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.0475 mW/g
Reference Value = 4.16 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.127 mW/g



Date/Time: 10/02/03 23:04:02

Test Laboratory: Advance Data Technology

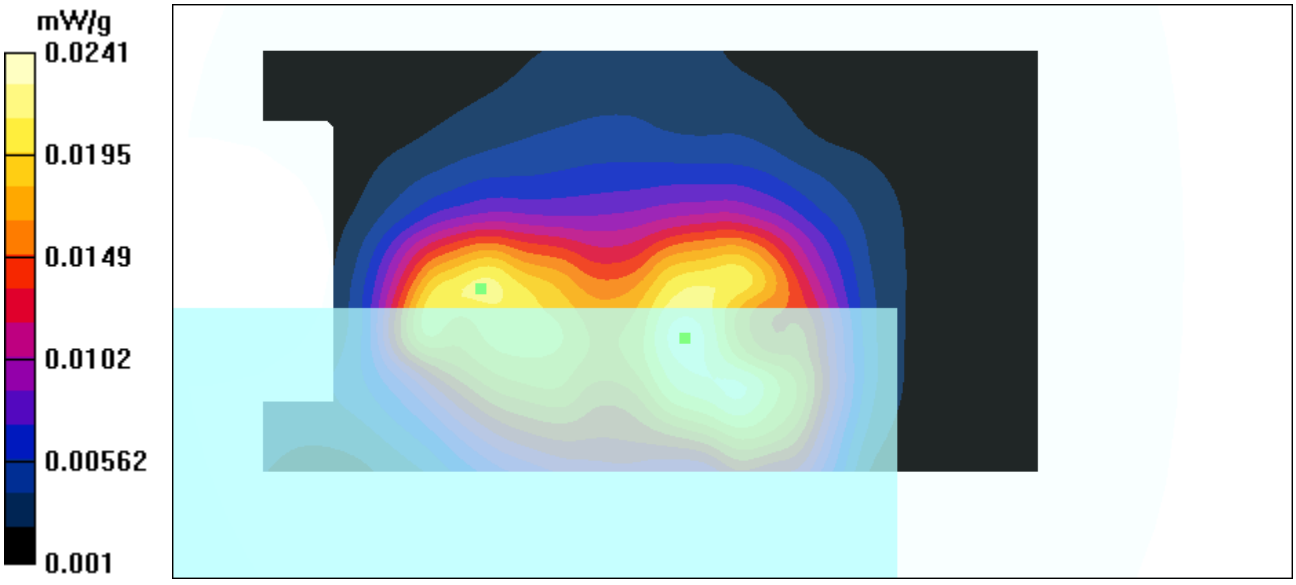
M275 Mode 6 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.86 mho/m, ε_r = 53.61, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.28 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 0.0234 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.0504 W/kg
SAR(1 g) = 0.0228 mW/g; SAR(10 g) = 0.0134 mW/g
Reference Value = 3.28 V/m
Power Drift = 0.01 dB
Maximum value of SAR = 0.0241 mW/g



Date/Time: 10/02/03 23:04:02

Test Laboratory: Advance Data Technology

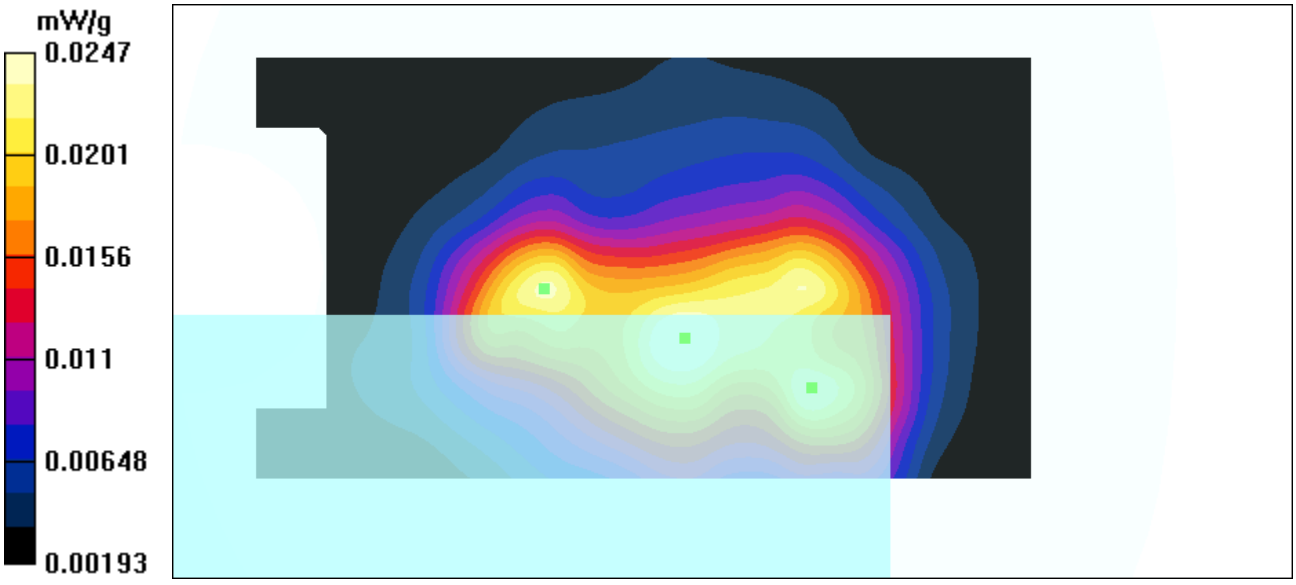
M275 Mode 6 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type:OFDM
Medium: MSL2450 (σ = 1.89 mho/m, ε_r = 52.77, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: DAE not calibrated
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.04 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.0253 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.0469 W/kg
SAR(1 g) = 0.0232 mW/g; SAR(10 g) = 0.0132 mW/g
Reference Value = 3.04 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 0.0247 mW/g



Date/Time: 10/02/03 22:34:52

Test Laboratory: Advance Data Technology

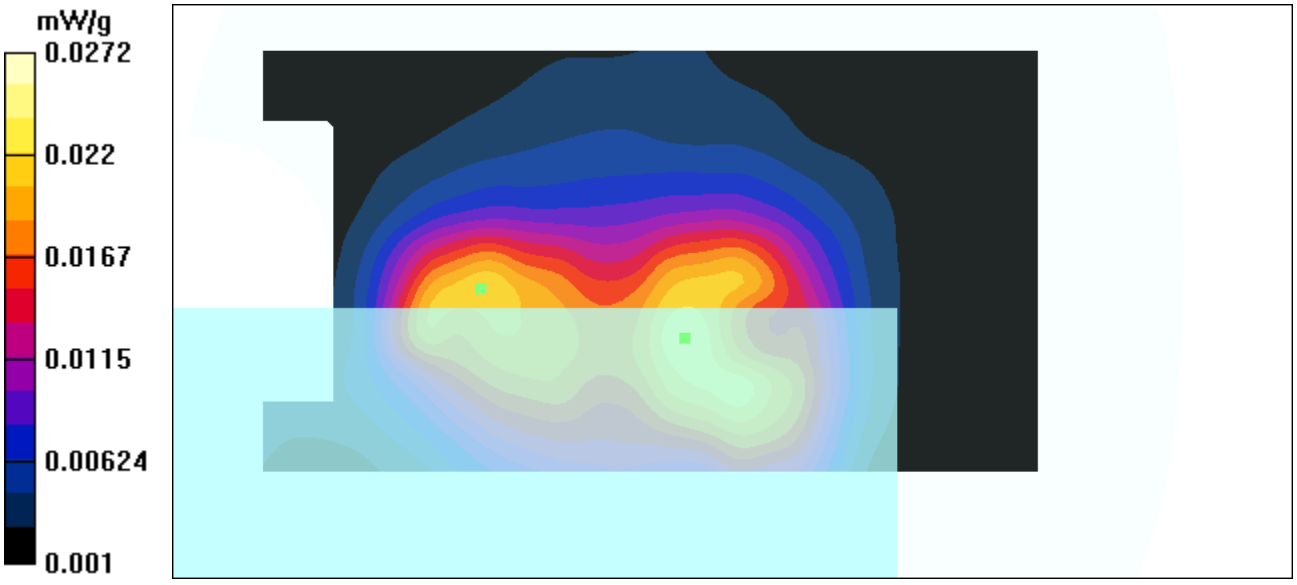
M275 Mode 6 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.94 mho/m, ε_r = 51.85, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The bottom side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22 degrees ; Liquid temp. : 21 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: DAE not calibrated
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.84 V/m
Power Drift = 0.06 dB
Maximum value of SAR = 0.0255 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.0554 W/kg
SAR(1 g) = 0.0248 mW/g; SAR(10 g) = 0.0154 mW/g
Reference Value = 3.84 V/m
Power Drift = 0.06 dB
Maximum value of SAR = 0.0271 mW/g



Date/Time: 10/02/03 09:13:30

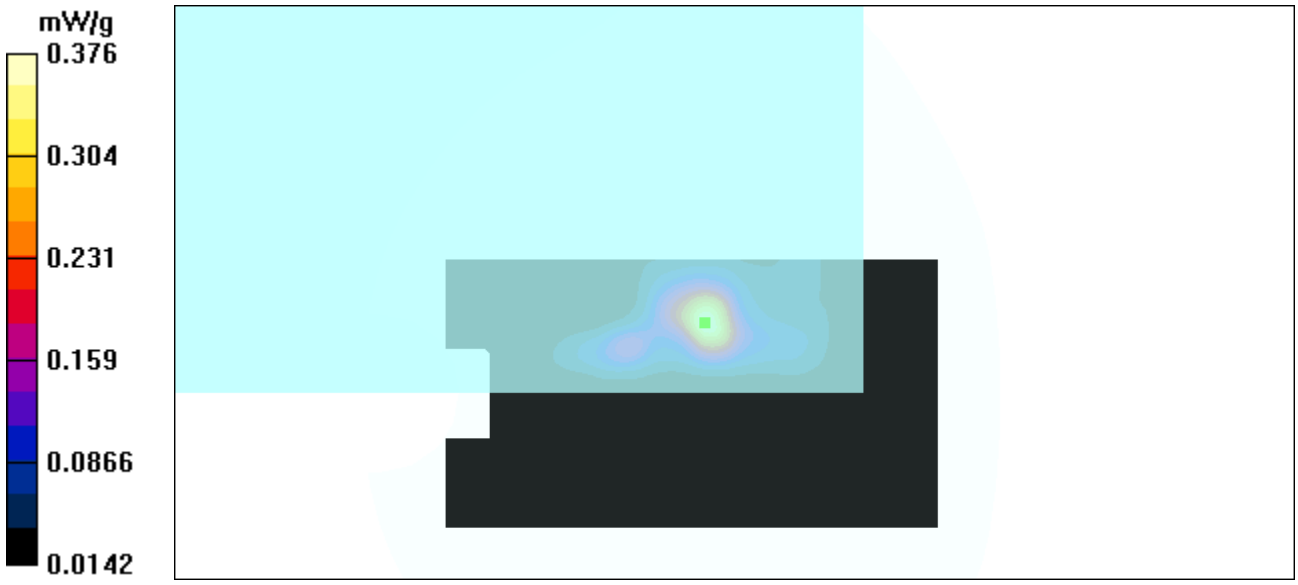
Test Laboratory: Advance Data Technology

M275 Mode 7 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.86 mho/m, ε_r = 53.61, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.31 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.353 mW/g
Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.132 mW/g
Reference Value = 3.31 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.376 mW/g



Date/Time: 10/02/03 11:03:36

Test Laboratory: Advance Data Technology

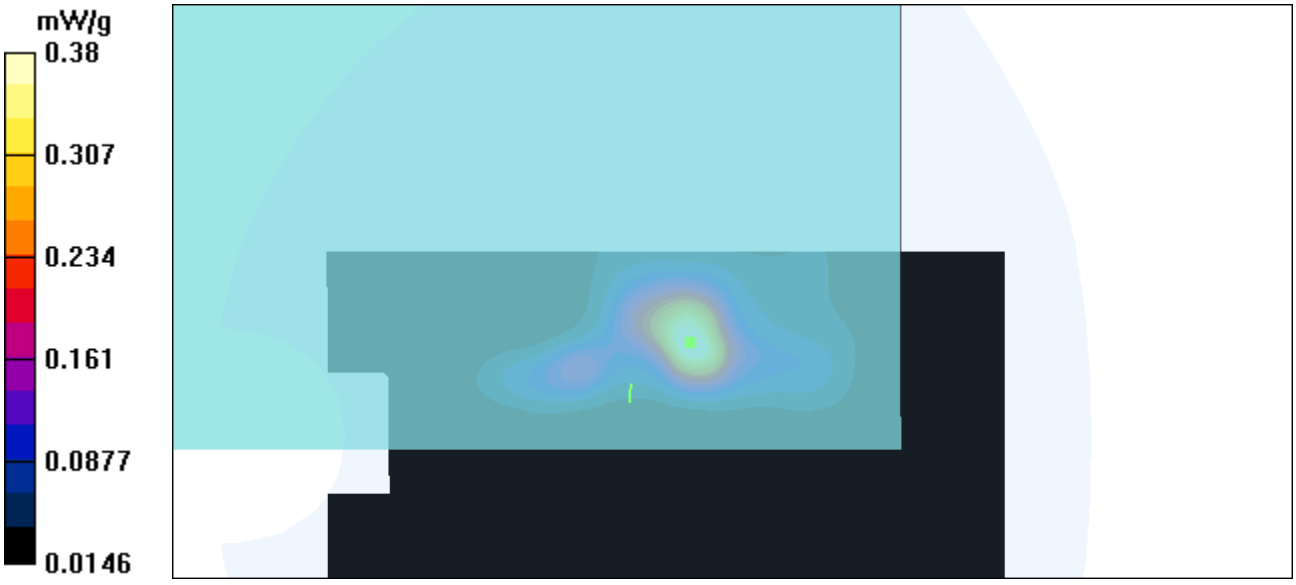
M275 Mode 7 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11g ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.89 mho/m, ε_r = 52.77, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.04 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.384 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.126 mW/g
Reference Value = 3.29 V/m
Power Drift = -0.05 dB
Maximum value of SAR = 0.38 mW/g



Date/Time: 10/02/03 10:12:45

Test Laboratory: Advance Data Technology

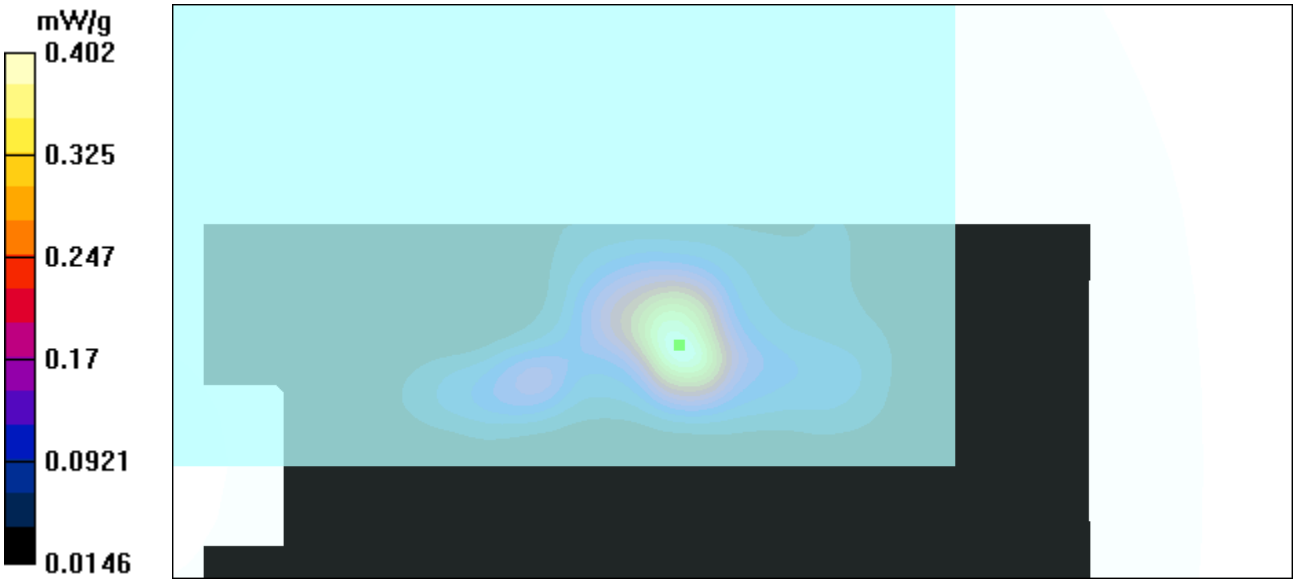
M275 Mode 7 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11g ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: OFDM
Medium: MSL2450 (σ = 1.94 mho/m, ε_r = 51.85, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The front of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (121x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 3.29 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.4 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.39 mW/g; SAR(10 g) = 0.141 mW/g
Reference Value = 3.29 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.402 mW/g



Date/Time: 10/02/03 015:20:12

Test Laboratory: Advance Data Technology

M275 Mode 8 Auxiliary Antenna

DUT: Notebook(with Broadcom BCM94306MP Mini PCI card) ; Type: M275 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11g ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type:OFDM
Medium: MSL2450 (σ = 1.86 mho/m, ε_r = 53.61, ρ = 1000 kg/m^3) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 0mm(The left side of the EUT to the Phantom)
Antenna type : Internal Antenna ; Air temp. : 22.0 degrees ; Liquid temp. : 21.0 degrees
DASY4 Configuration:
- Probe: ET3DV6 - SN1686; ConvF(4.5, 4.5, 4.5); Calibrated: 2003/6/18
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.79 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.165 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 0.665 W/kg
SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.0621 mW/g
Reference Value = 4.79 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 0.217 mW/g