

APPENDIX A: TEST CONFIGURATIONS AND TEST DATA

A1: TEST CONFIGURATION

Compaq N800C Bottom Position



The EUT to the flat phantom distance is 11mm

Compaq N800C Tip Position



The EUT to the flat phantom distance is 15mm

Dell C600 Bottom Position



The EUT to the flat phantom distance is 12mm

Dell C600 Tip Position



The EUT to the flat phantom distance is 15mm

Dell 3800 Bottom Position



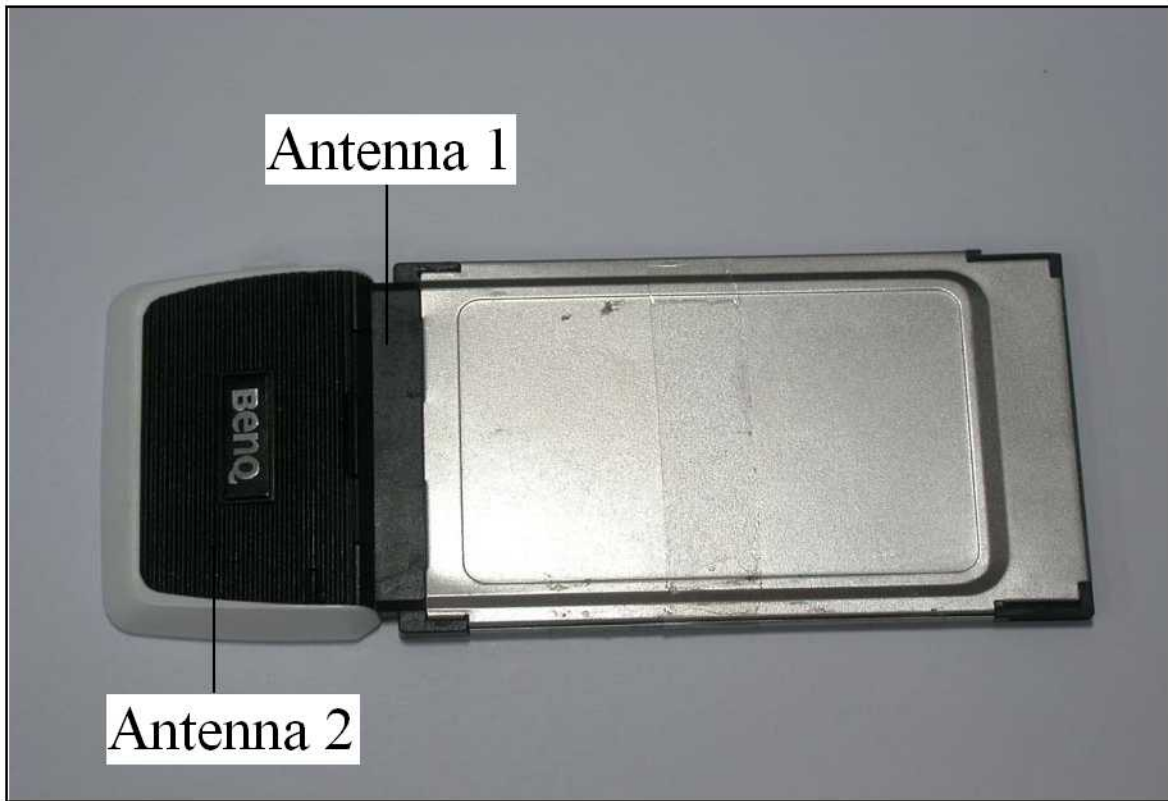
The EUT to the flat phantom distance is 11mm

Dell 3800 Tip Position



The EUT to the flat phantom distance is 15mm

EUT Photo

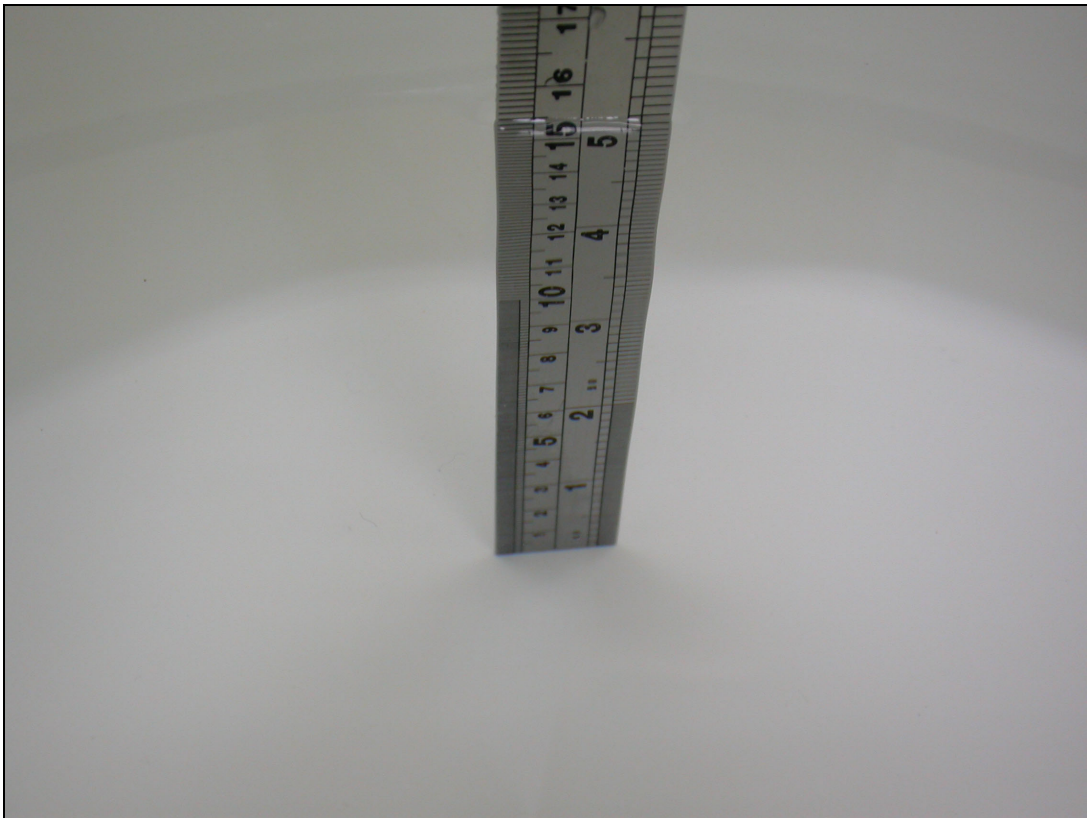


Liquid Level Photo

MSL1900MHz D=155mm



MSL 2450MHz D=155mm



APPENDIX A2 : TEST DATA

Test mode : WLAN transmit separately

Date/Time: 08/09/04 13:12:46

Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Compaq N800C Bottom Mode 1 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.48 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.29 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

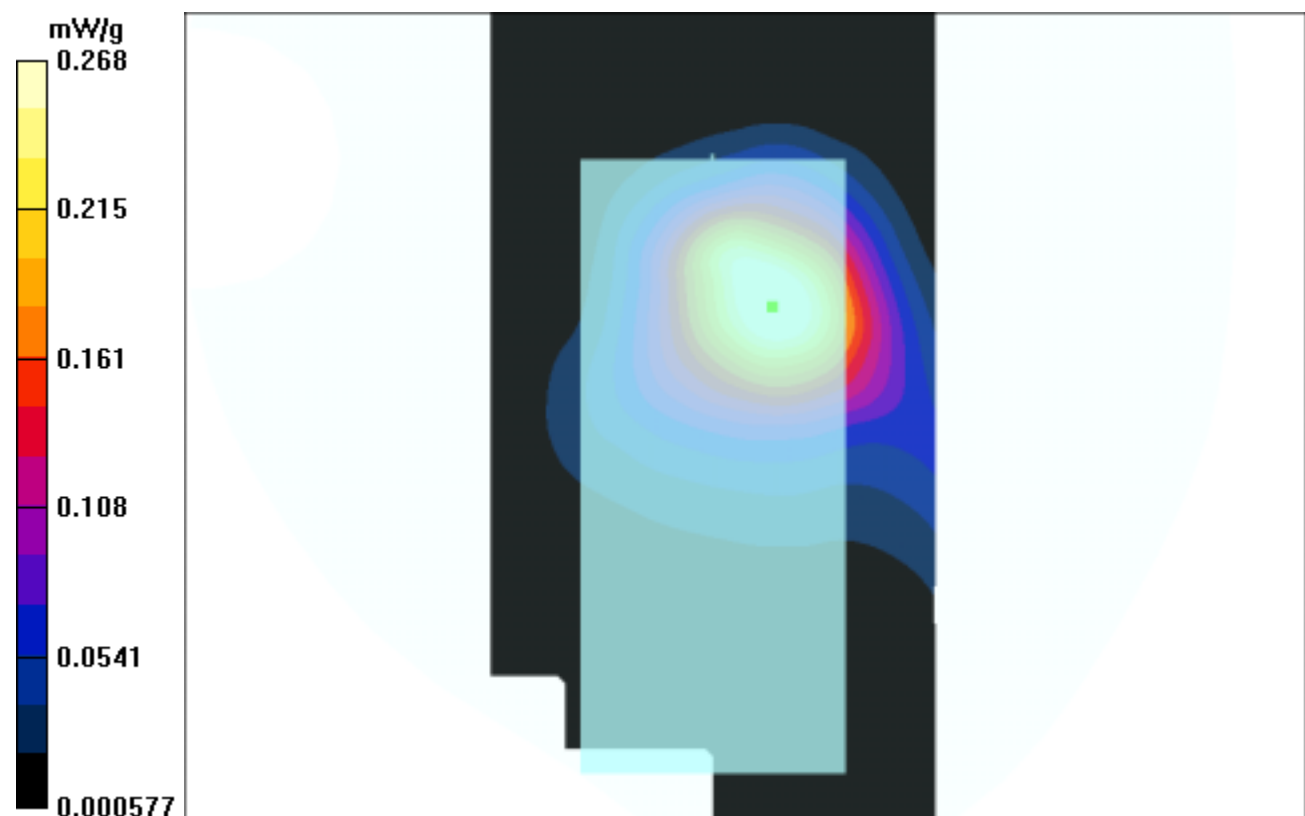
Peak SAR (extrapolated) = 0.512 W/kg

SAR(1 g) = 0.253 mW/g; SAR(10 g) = 0.137 mW/g

Reference Value = 4.48 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.268 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Compaq N800C Bottom Mode 1 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.85 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.268 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

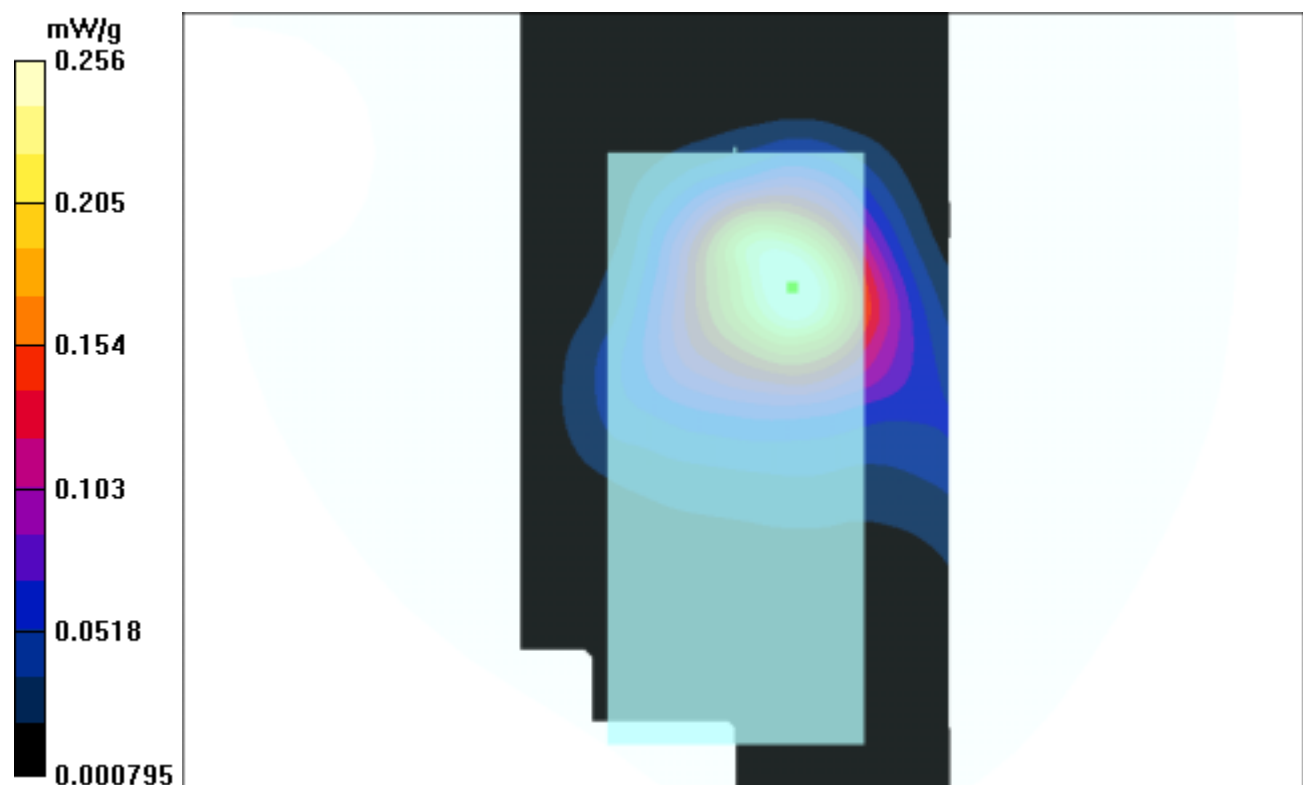
Peak SAR (extrapolated) = 0.515 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.129 mW/g

Reference Value = 4.85 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.256 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Compaq N800C Bottom Mode 1 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.13 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.201 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

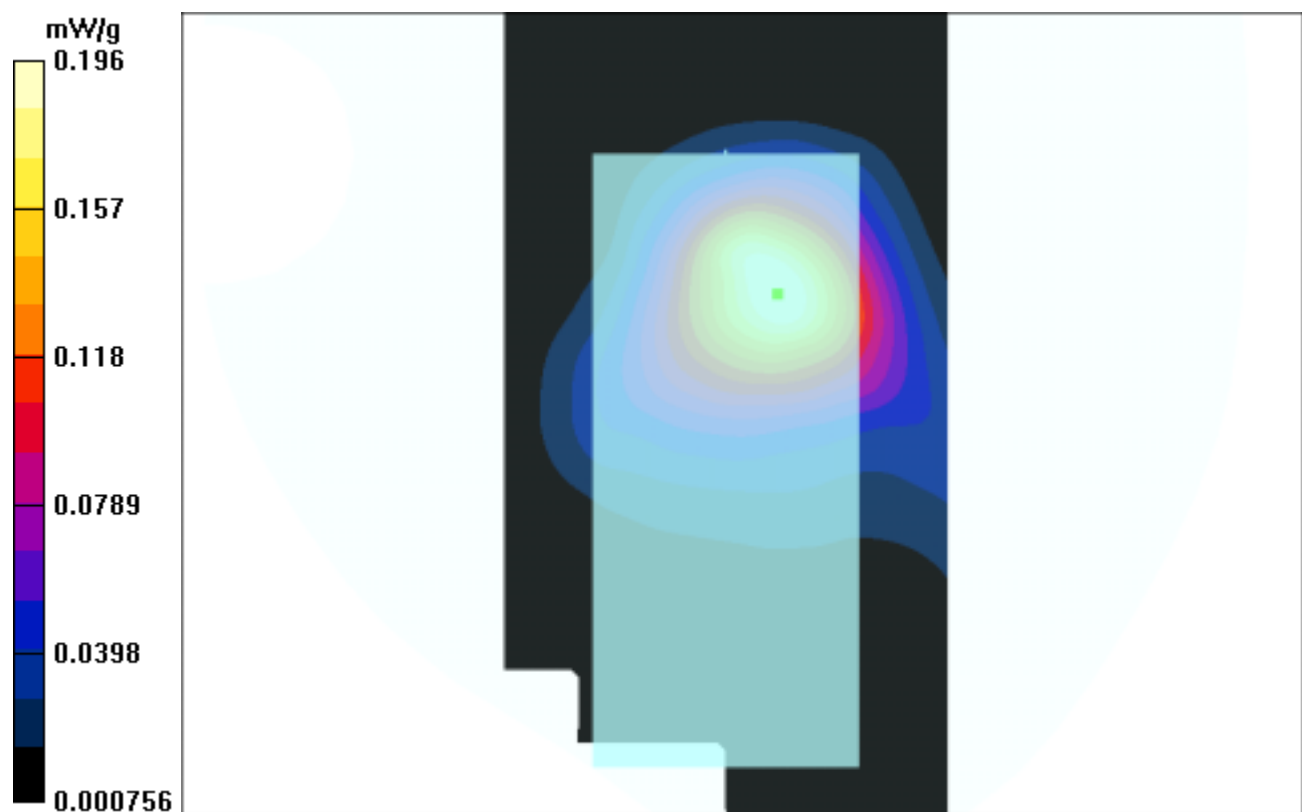
Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.0998 mW/g

Reference Value = 4.13 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.196 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Compaq N800C Tip Mode 2 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.55 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0182 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

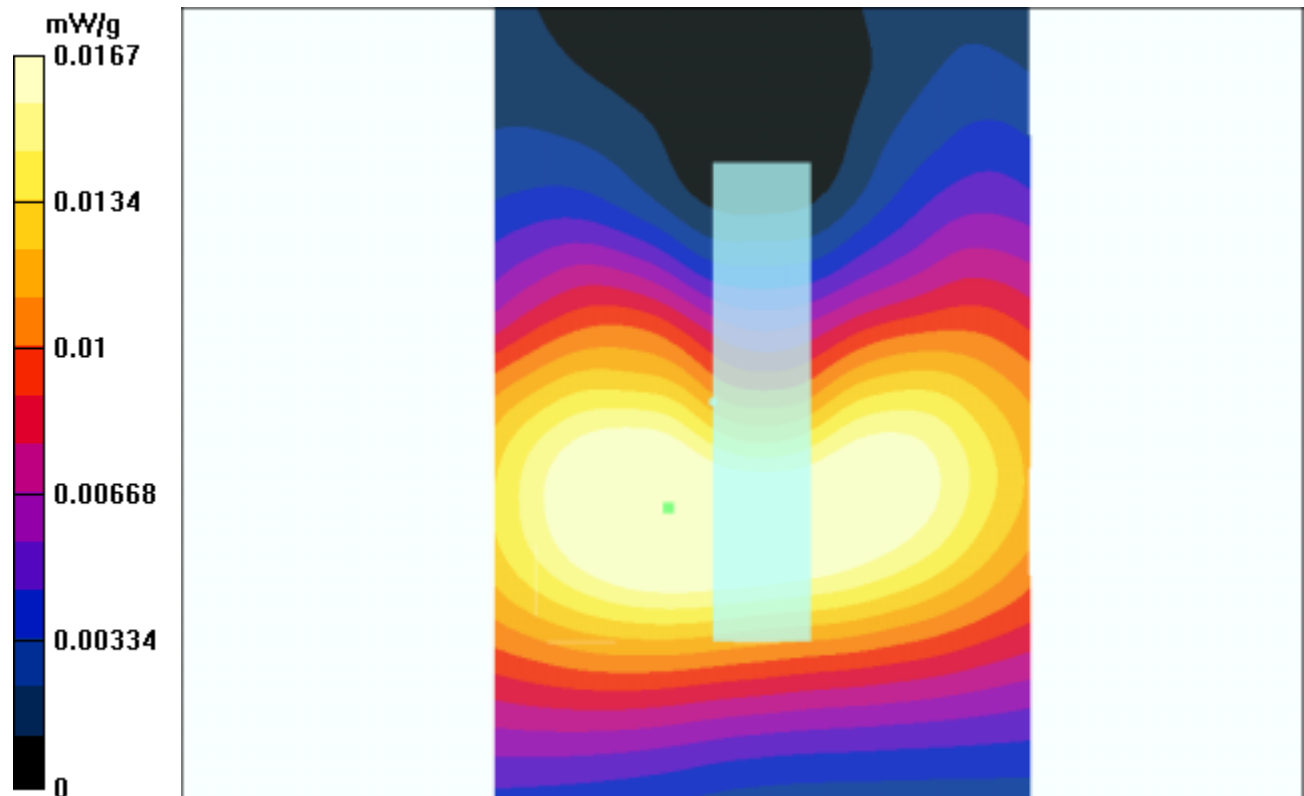
Peak SAR (extrapolated) = 0.0355 W/kg

SAR(1 g) = 0.0164 mW/g; SAR(10 g) = 0.0087 mW/g

Reference Value = 2.55 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0167 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Compaq N800C Tip Mode 2 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.28 V/m

Power Drift = 0.002 dB

Maximum value of SAR = 0.0165 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

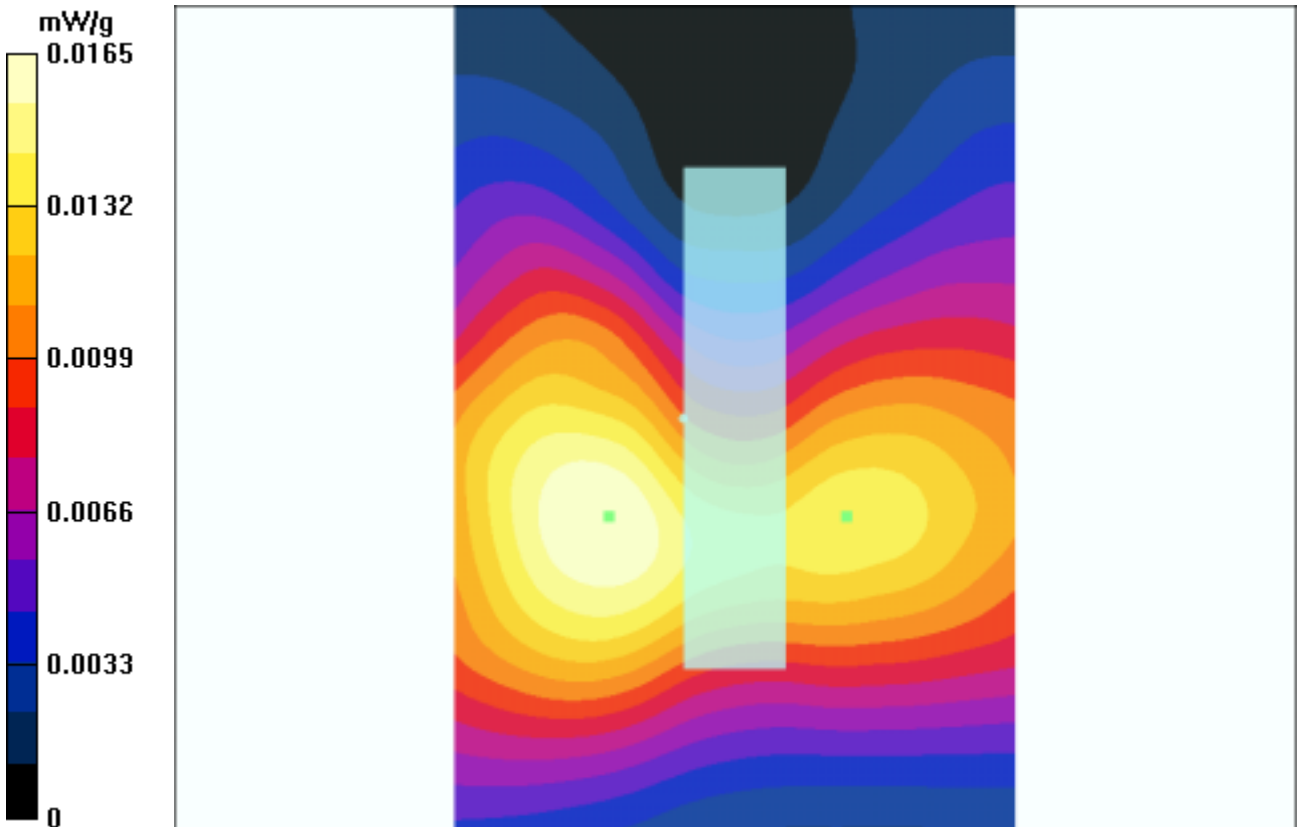
Peak SAR (extrapolated) = 0.0649 W/kg

SAR(1 g) = 0.0162 mW/g; SAR(10 g) = 0.00847 mW/g

Reference Value = 2.28 V/m

Power Drift = 0.002 dB

Maximum value of SAR = 0.0165 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Compaq N800C Tip Mode 2 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 1.76 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0127 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

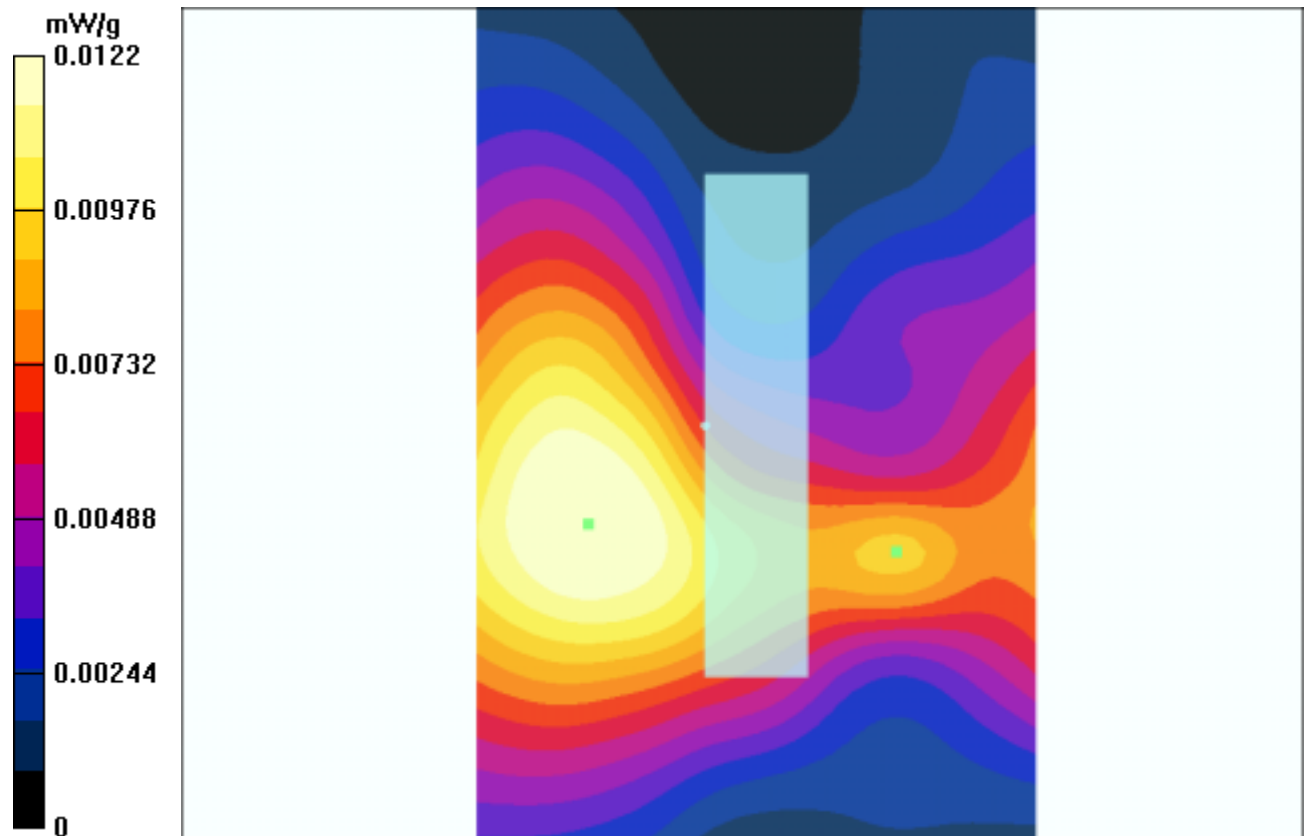
Peak SAR (extrapolated) = 0.0278 W/kg

SAR(1 g) = 0.0119 mW/g; SAR(10 g) = 0.00592 mW/g

Reference Value = 1.76 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0122 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Compaq N800C Bottom Mode 3 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.61 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.285 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

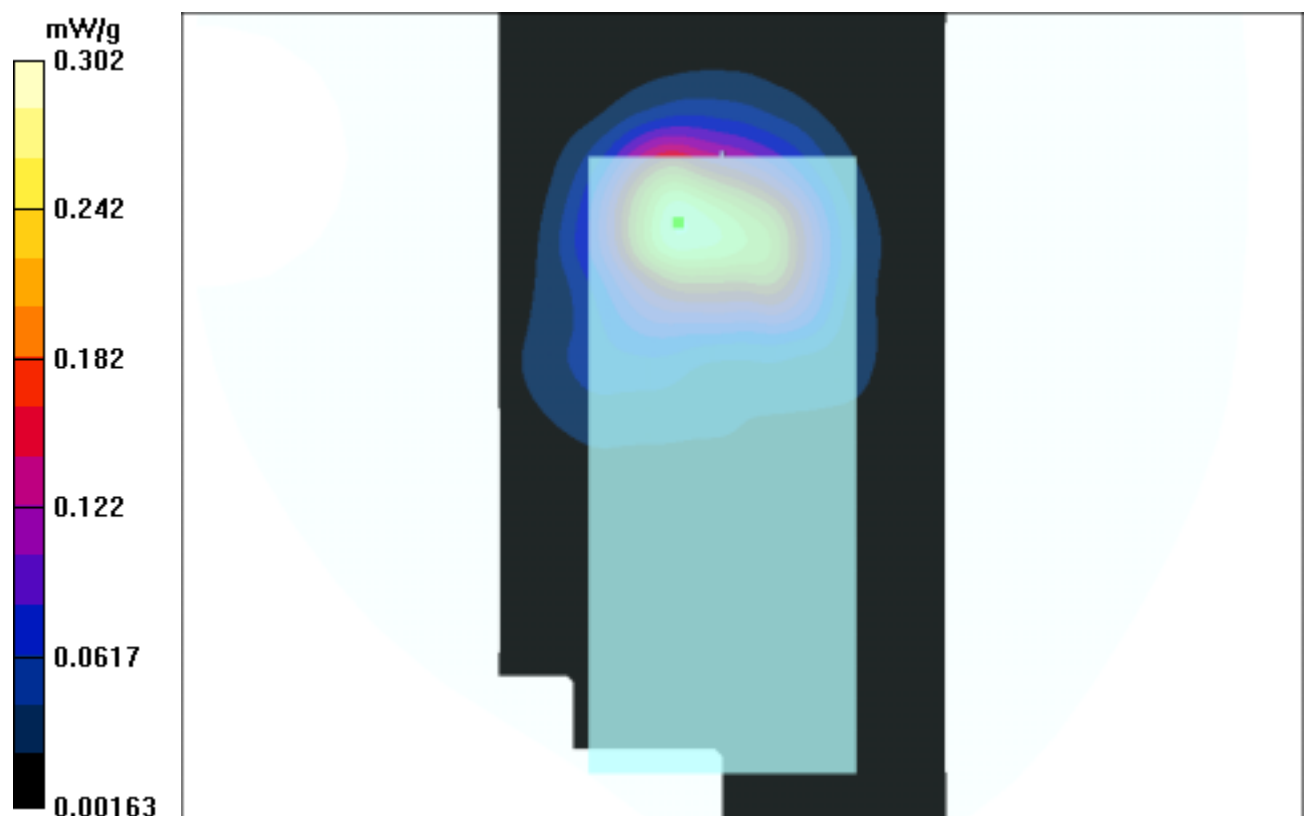
Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.297 mW/g; SAR(10 g) = 0.156 mW/g

Reference Value = 9.61 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.302 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Compaq N800C Bottom Mode 3 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.08 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.279 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

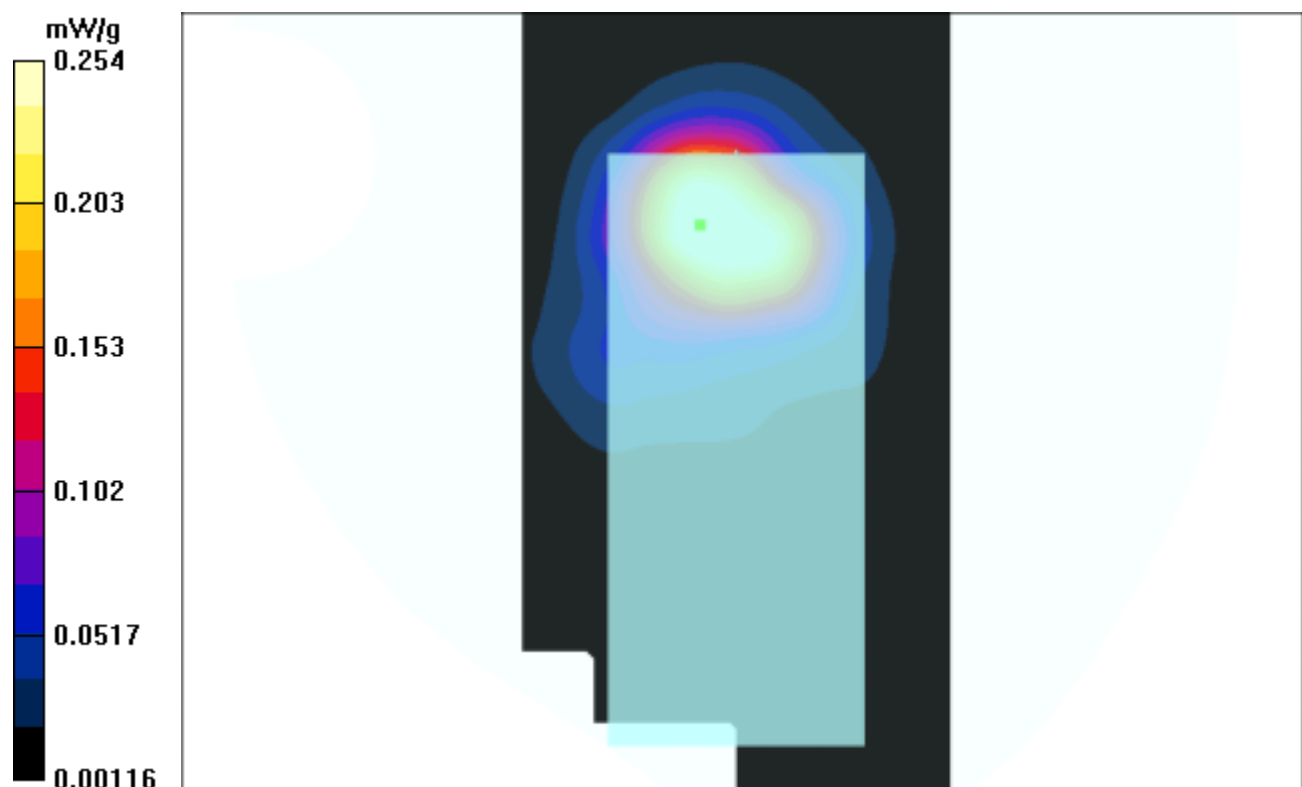
Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.132 mW/g

Reference Value = 9.08 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.254 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Compaq N800C Bottom Mode 3 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.36 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.18 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

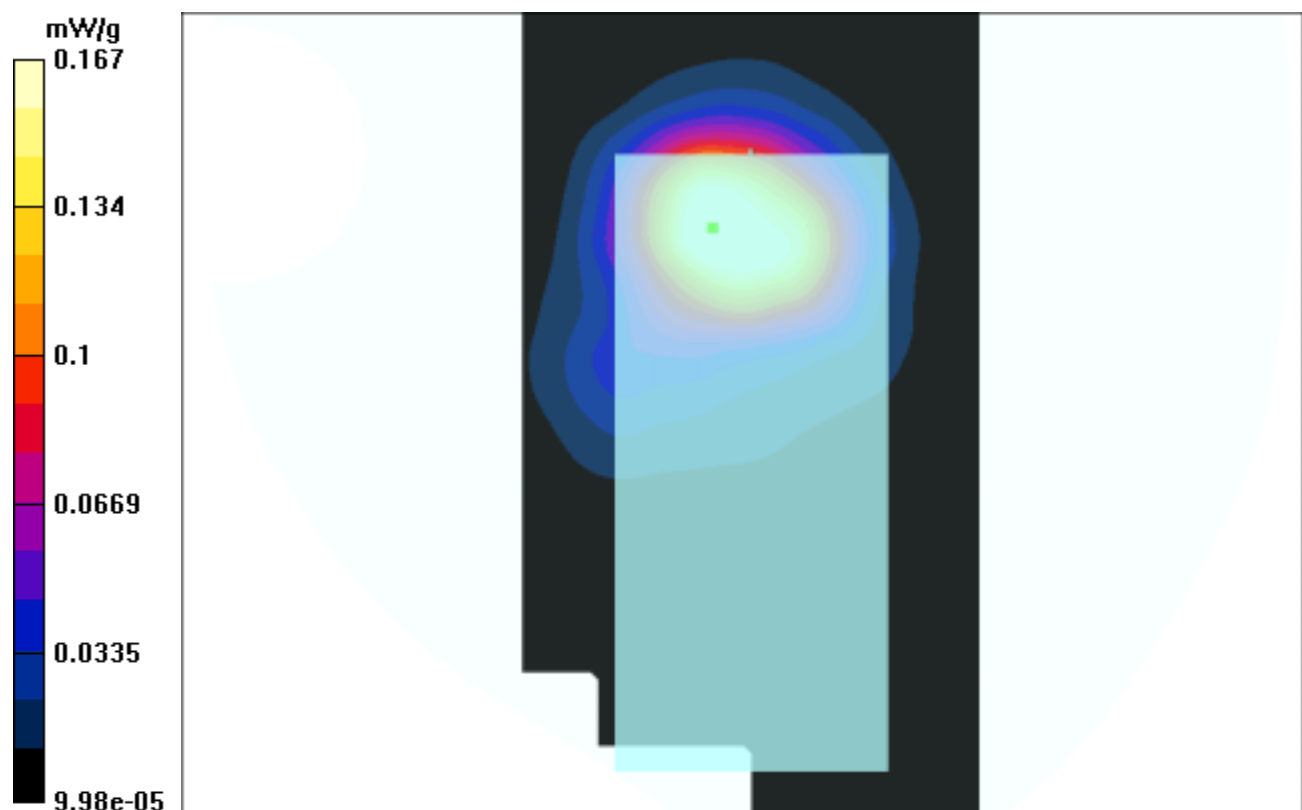
Peak SAR (extrapolated) = 0.34 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.0873 mW/g

Reference Value = 7.36 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.167 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Compaq N800C Tip Mode 4 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.89 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.113 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

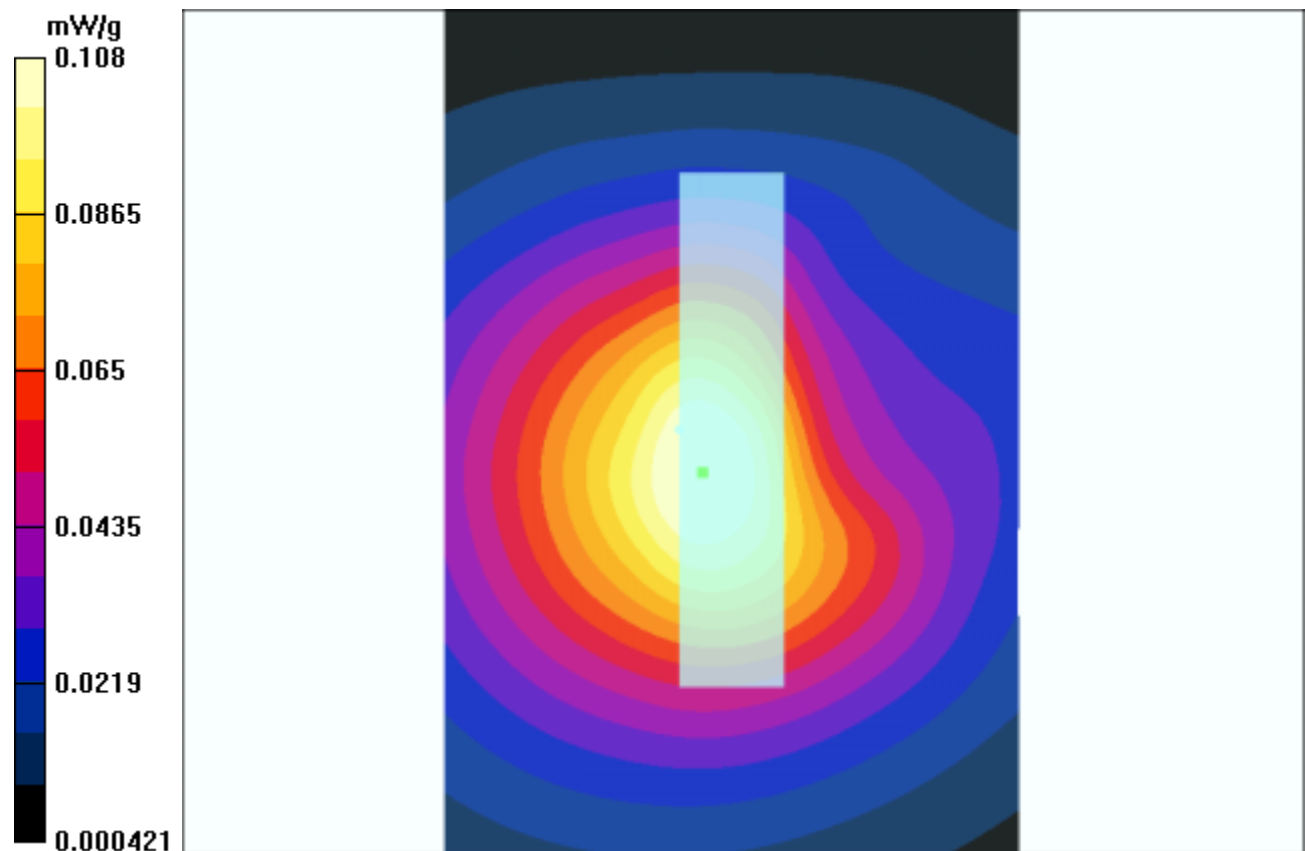
Peak SAR (extrapolated) = 0.211 W/kg

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.0538 mW/g

Reference Value = 7.89 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.108 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Compaq N800C Tip Mode 4 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.17 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.0932 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

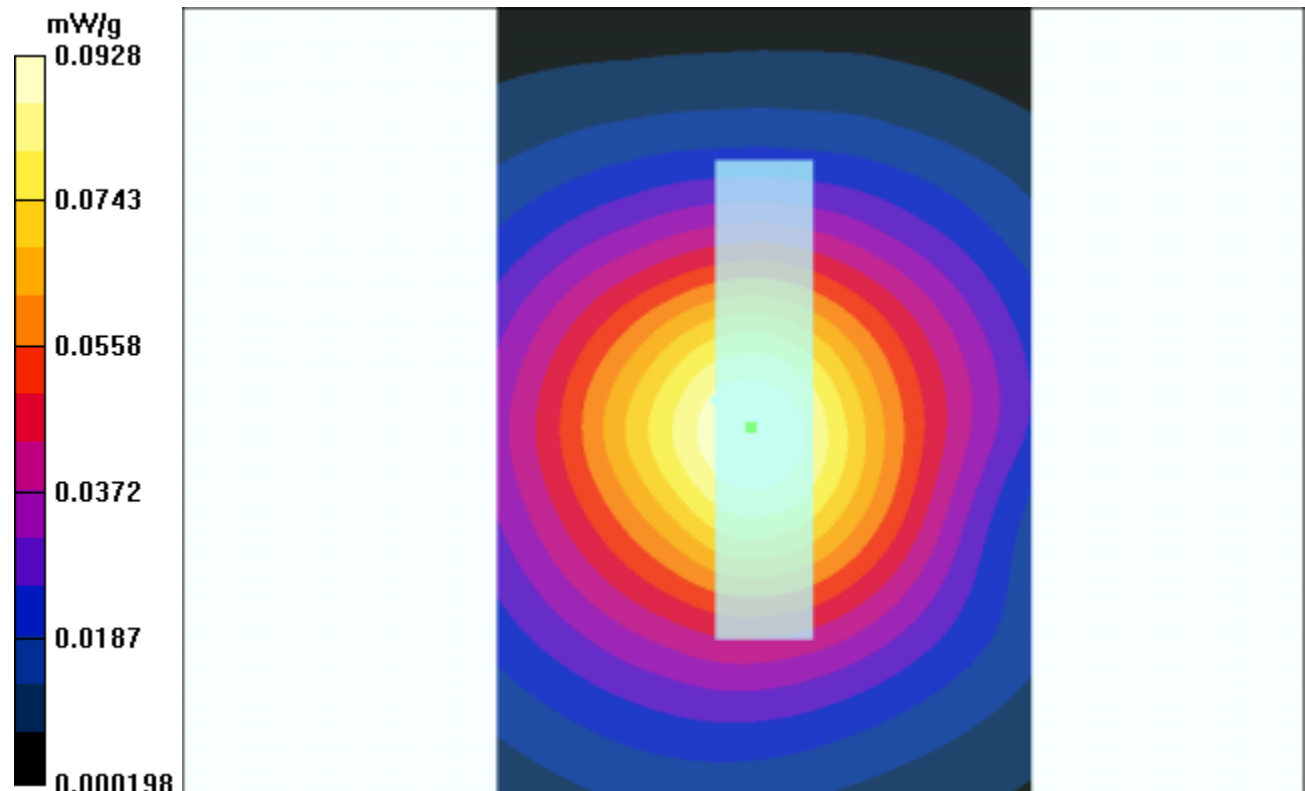
Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.0889 mW/g; SAR(10 g) = 0.0478 mW/g

Reference Value = 6.17 V/m

Power Drift = 0.2 dB

Maximum value of SAR = 0.0928 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Compaq N800C Tip Mode 4 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.06 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0651 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

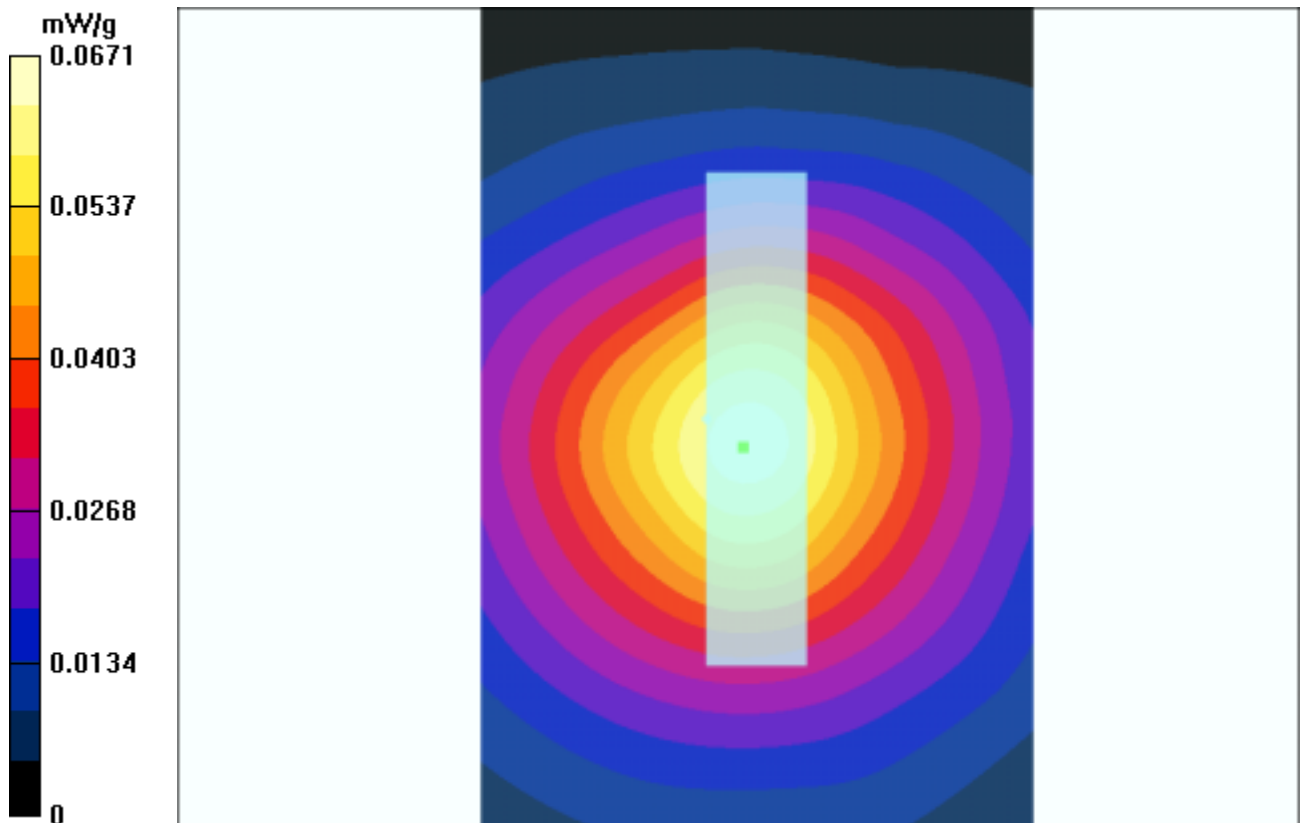
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.0339 mW/g

Reference Value = 6.06 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.0671 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell C600 Bottom Mode 5 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.74 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.323 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

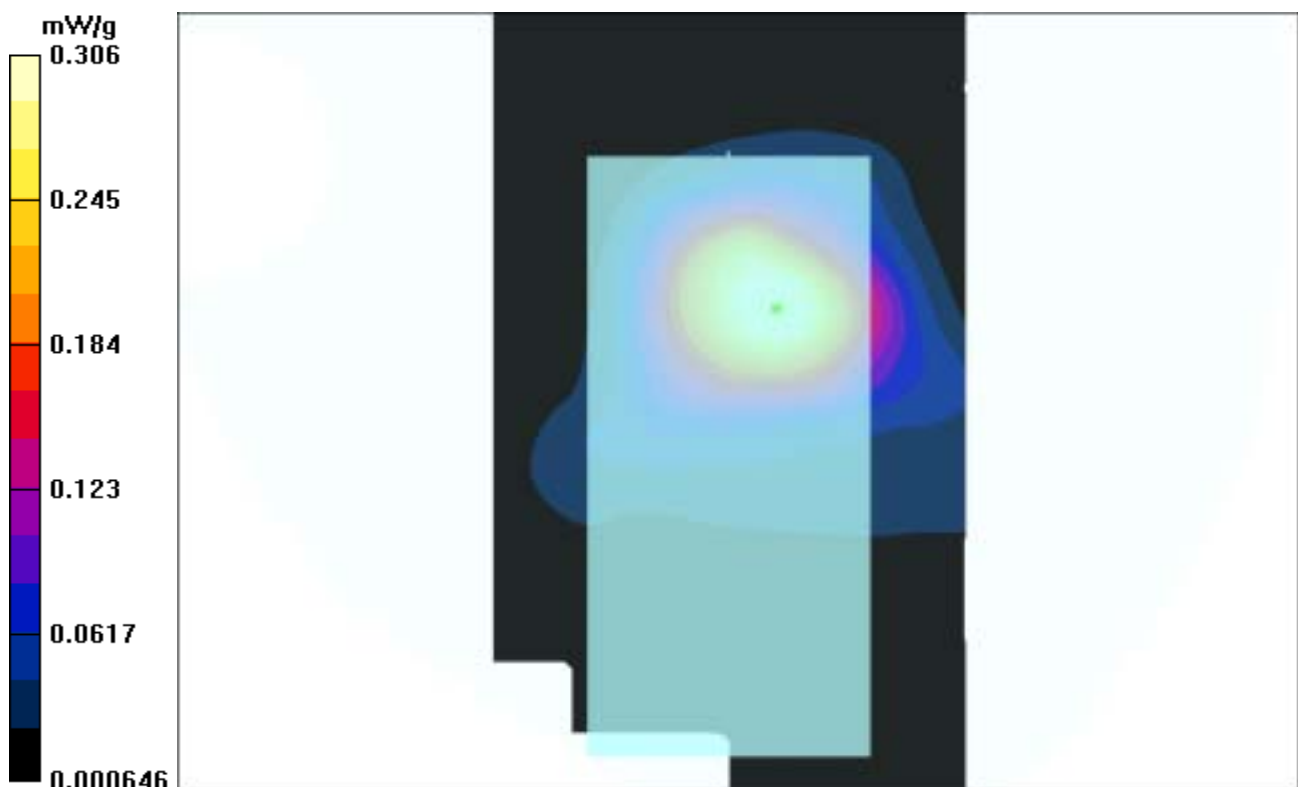
Peak SAR (extrapolated) = 0.577 W/kg

SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.161 mW/g

Reference Value = 4.74 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.306 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell C600 Bottom Mode 5 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.58 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.325 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

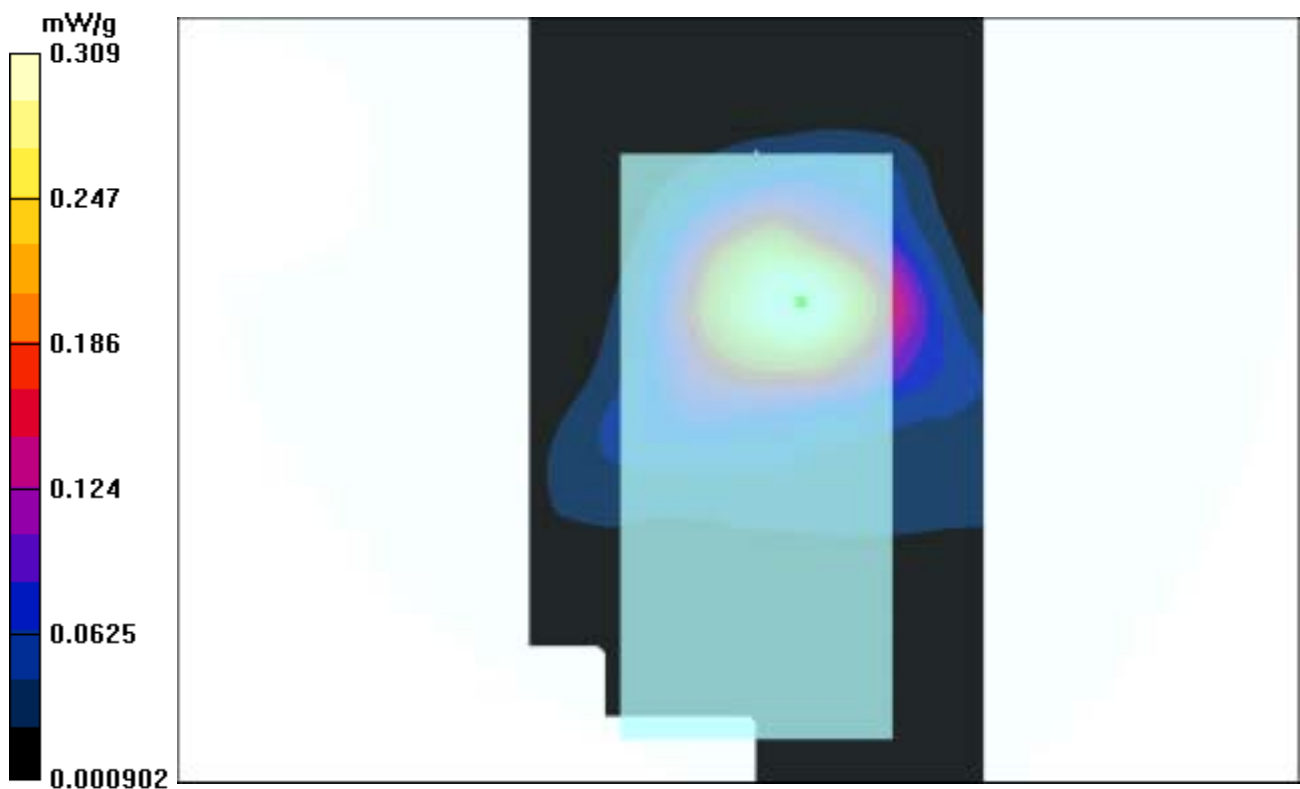
Peak SAR (extrapolated) = 0.602 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.163 mW/g

Reference Value = 4.58 V/m

Power Drift = -0.04 dB

Maximum value of SAR = 0.309 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell C600 Bottom Mode 5 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.6 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.227 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

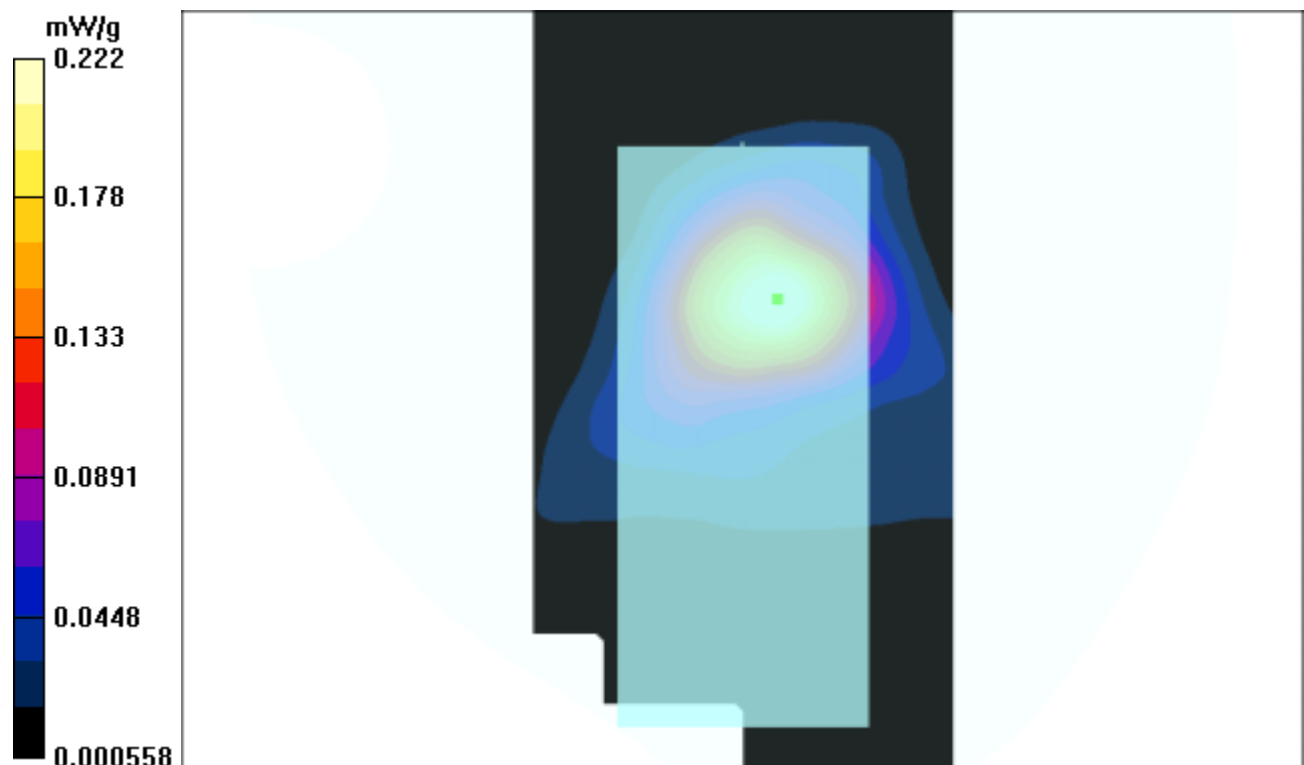
Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.115 mW/g

Reference Value = 3.6 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.222 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell C600 Tip Mode 6 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.67 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0336 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

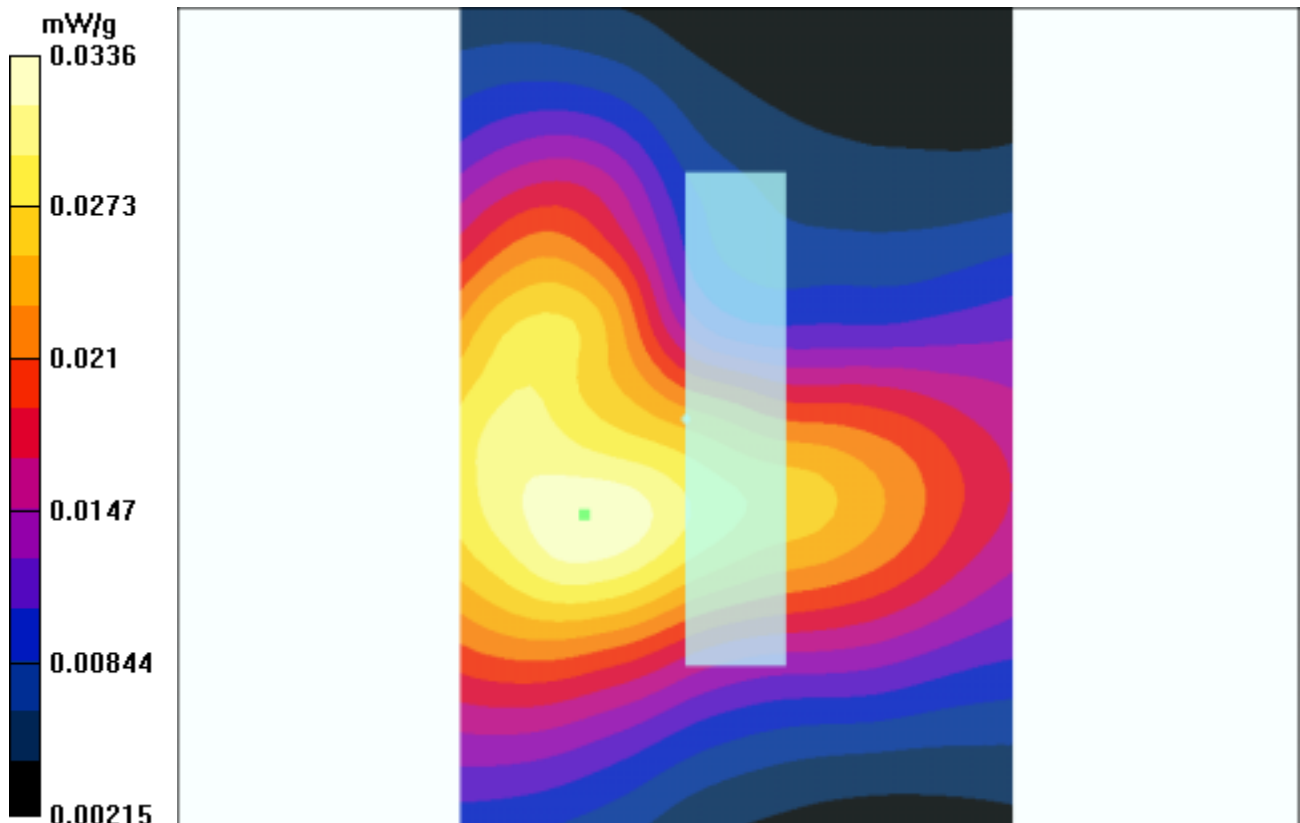
Peak SAR (extrapolated) = 0.0762 W/kg

SAR(1 g) = 0.0349 mW/g; SAR(10 g) = 0.0188 mW/g

Reference Value = 3.67 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0356 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell C600 Tip Mode 6 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.49 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.0365 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

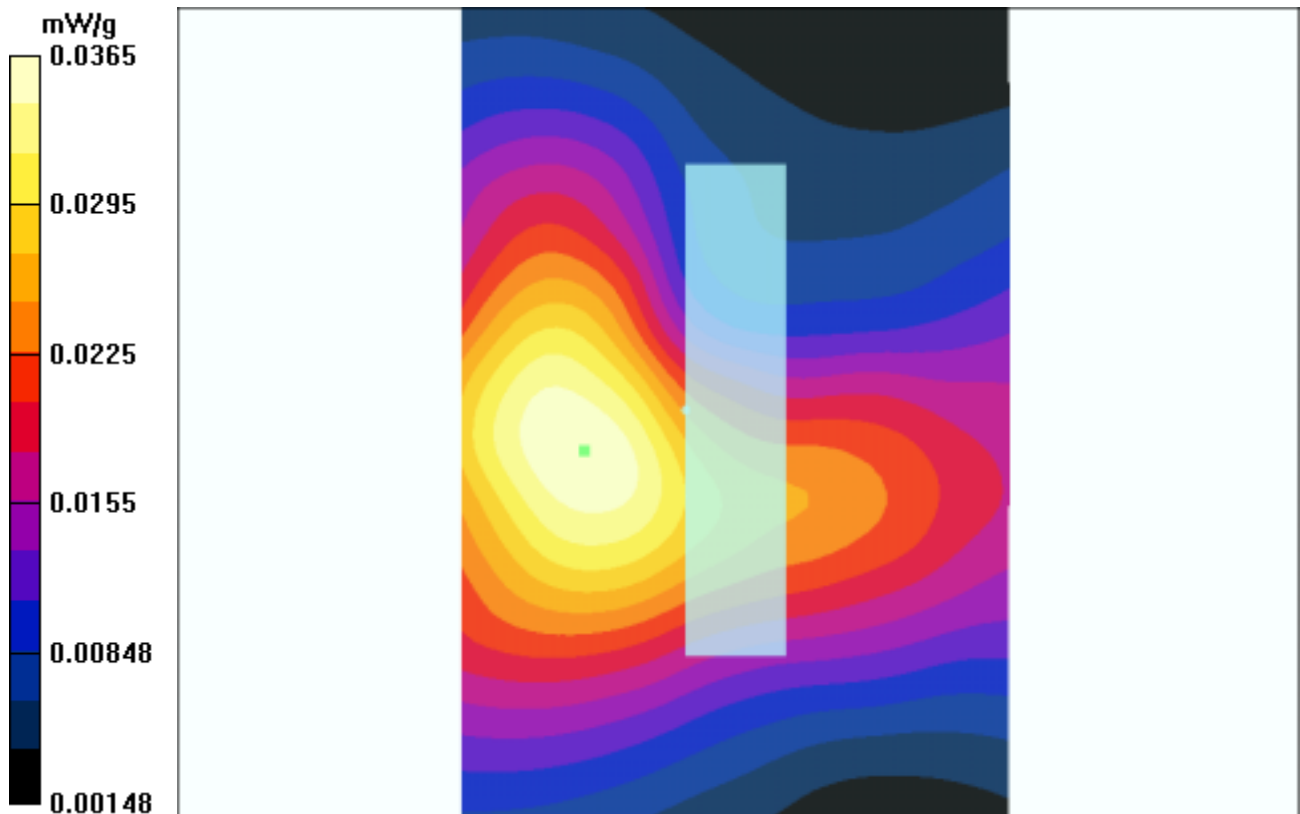
Peak SAR (extrapolated) = 0.0825 W/kg

SAR(1 g) = 0.0357 mW/g; SAR(10 g) = 0.0189 mW/g

Reference Value = 3.49 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.0357 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell C600 Tip Mode 6 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 2.96 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.0272 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

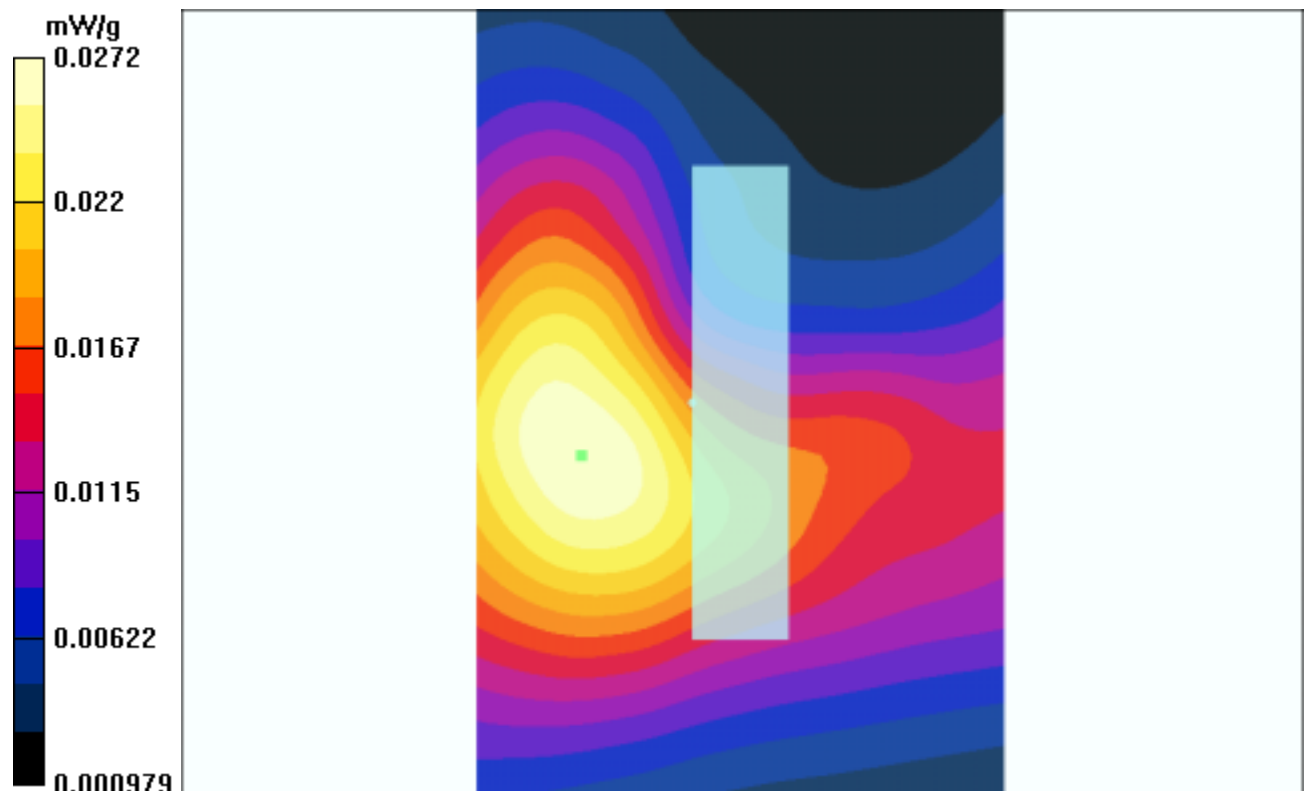
Peak SAR (extrapolated) = 0.0589 W/kg

SAR(1 g) = 0.0266 mW/g; SAR(10 g) = 0.0142 mW/g

Reference Value = 2.96 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.027 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Dell C600 Bottom Mode 7 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.68 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.345 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

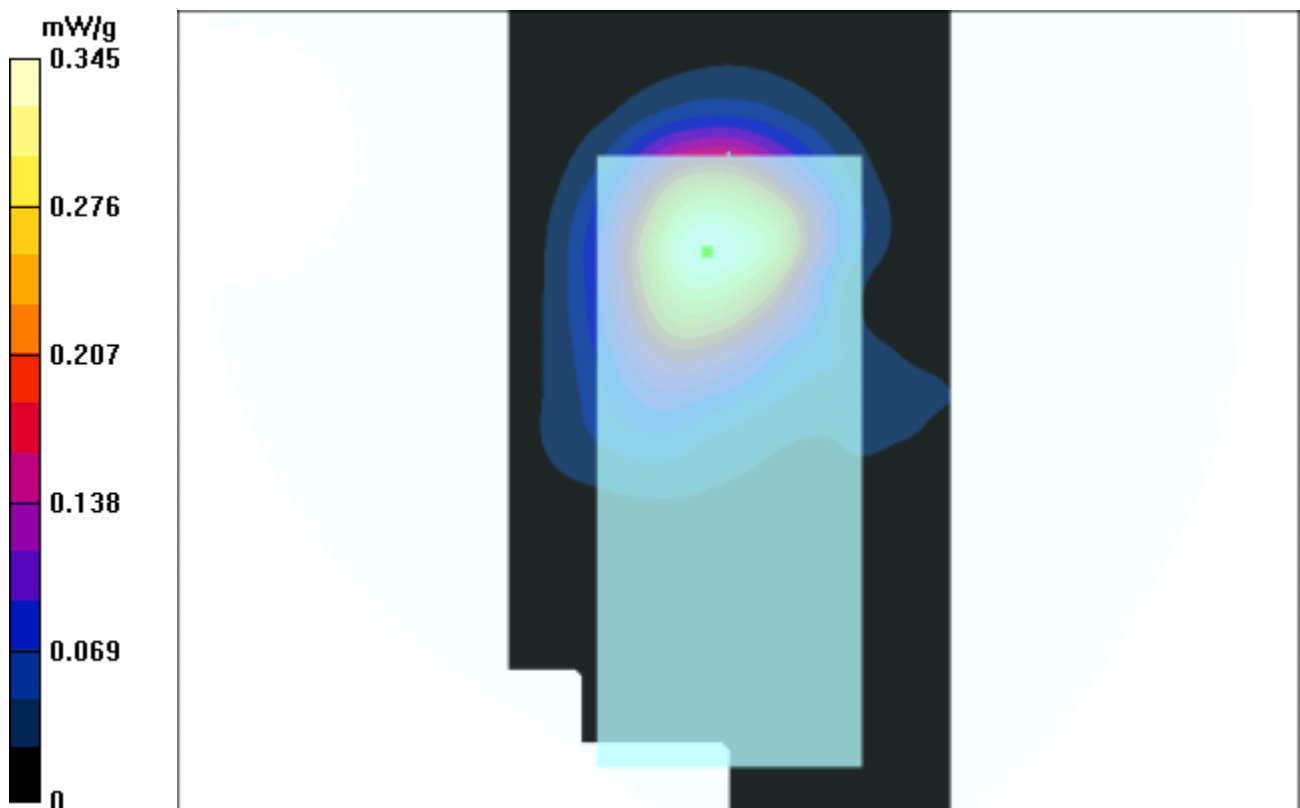
Peak SAR (extrapolated) = 0.646 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.177 mW/g

Reference Value = 9.68 V/m

Power Drift = 0.09 dB

Maximum value of SAR = 0.328 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Dell C600 Bottom Mode 7 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel /Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.275 mW/g

Middle Channel /Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

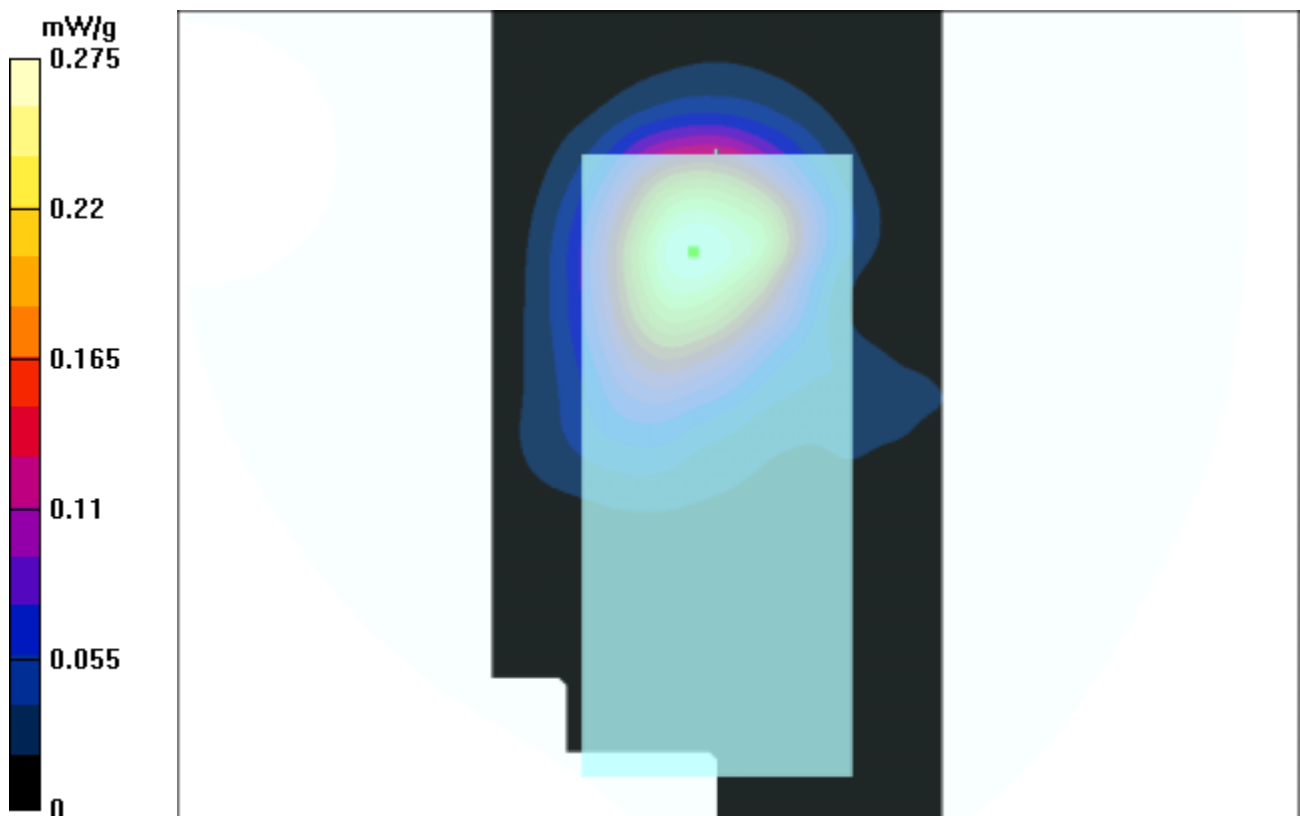
Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.14 mW/g

Reference Value = 8.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.263 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Dell C600 Bottom Mode 7 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 12 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.95 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.19 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

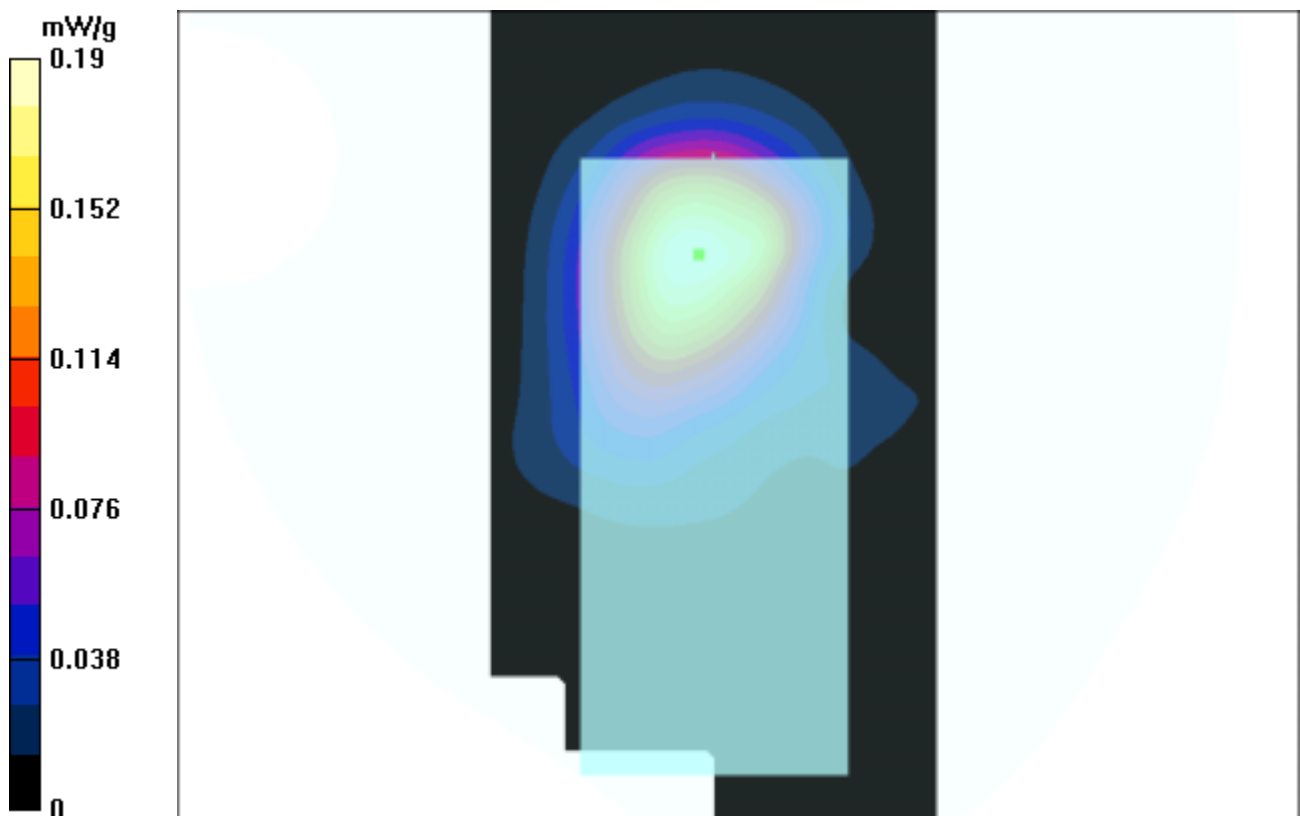
Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.176 mW/g; SAR(10 g) = 0.097 mW/g

Reference Value = 6.95 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.18 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Dell C600 Tip Mode 8 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0984 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

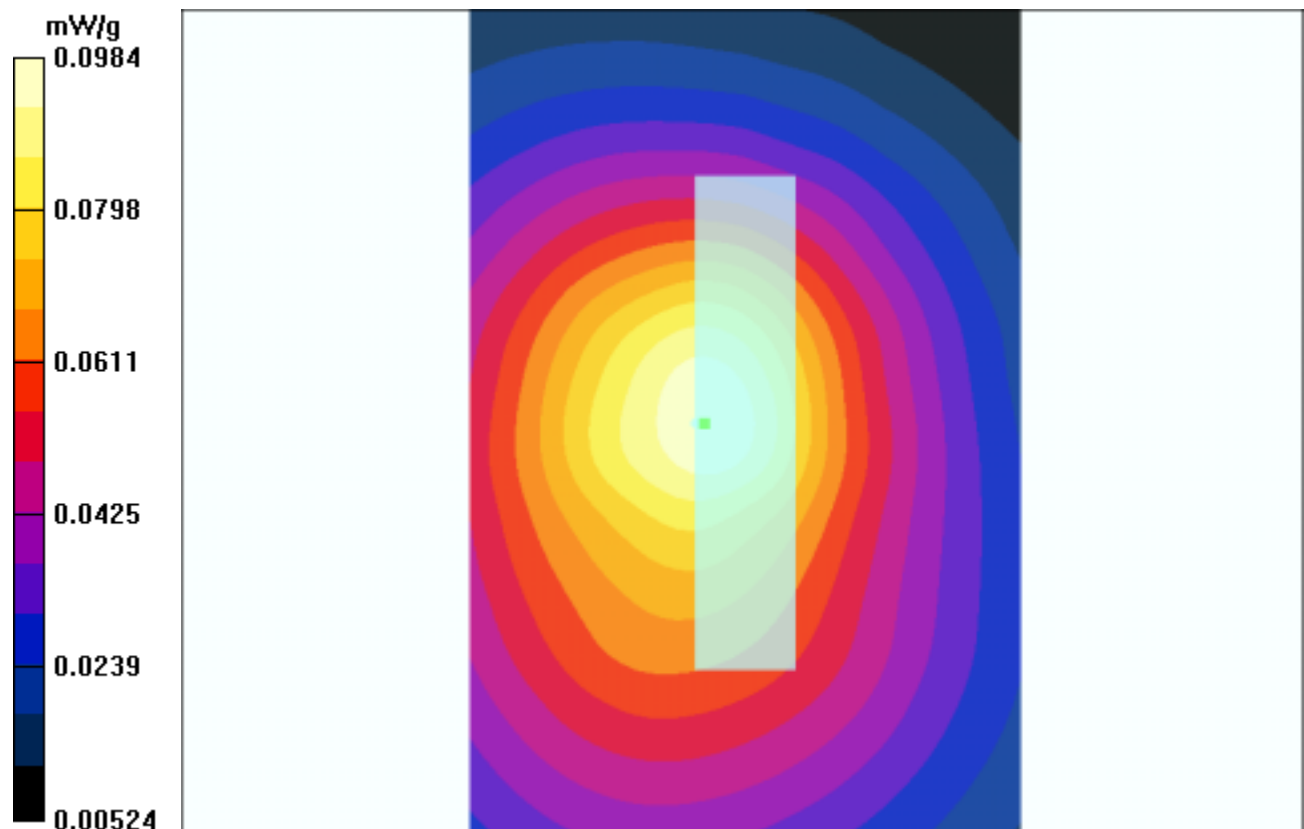
Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.0944 mW/g; SAR(10 g) = 0.0512 mW/g

Reference Value = 7.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.0992 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Dell C600 Tip Mode 8 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.31 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0692 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

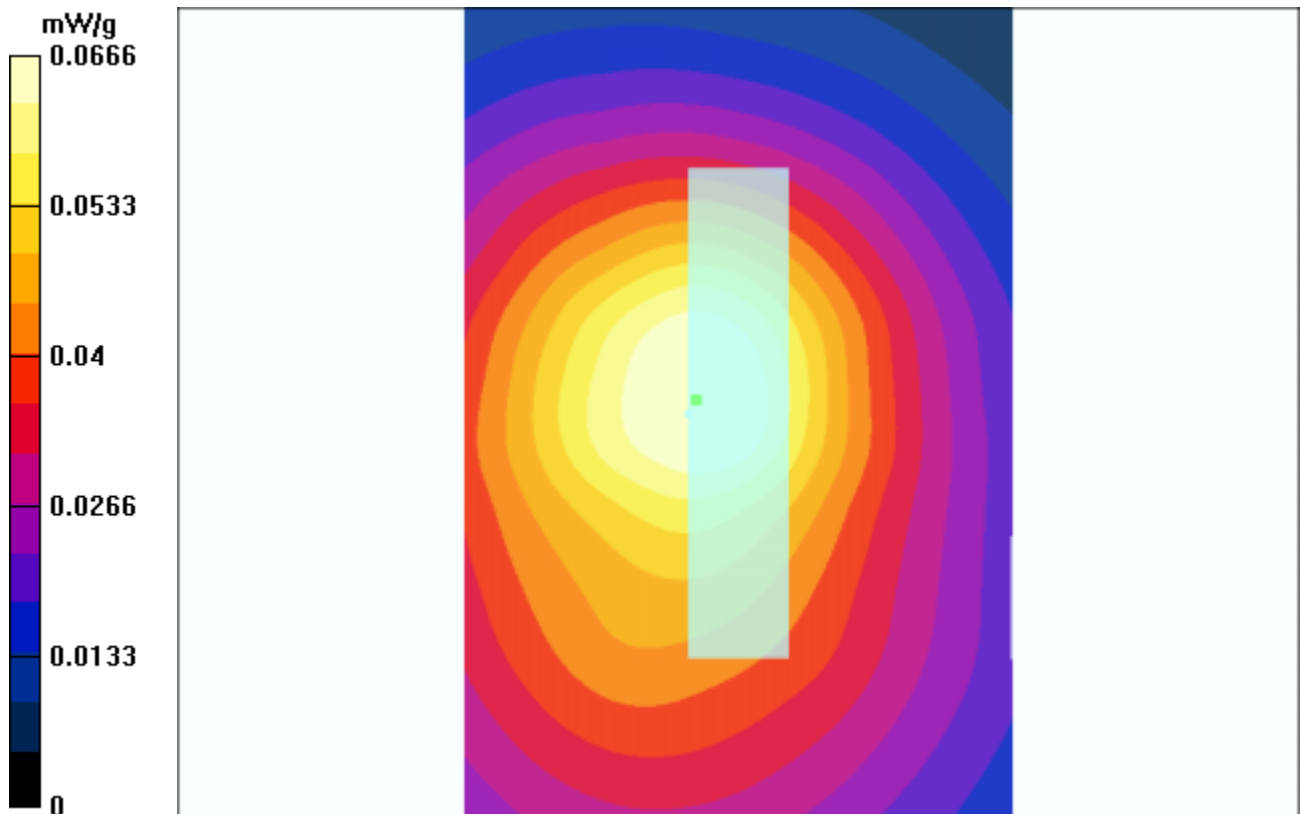
Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.0641 mW/g; SAR(10 g) = 0.035 mW/g

Reference Value = 6.31 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.0666 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 2 Dell C600 Tip Mode 8 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155 mm

Phantom section: Flat Section ; Separation distance : 15 mm (The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2003/8/15
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.24 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.05 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

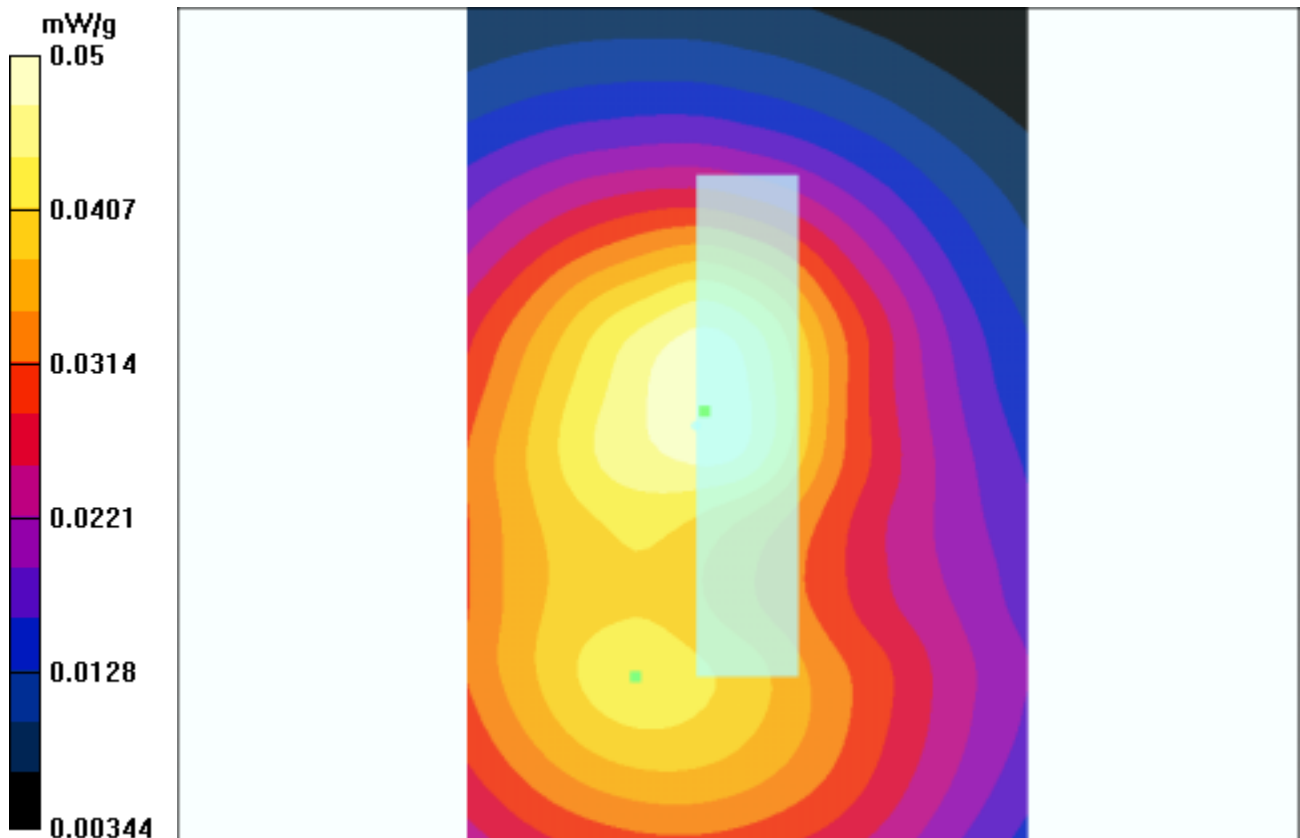
Peak SAR (extrapolated) = 0.0995 W/kg

SAR(1 g) = 0.0491 mW/g; SAR(10 g) = 0.0268 mW/g

Reference Value = 5.24 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.0505 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell Inspiron 3800 Bottom Mode 9 Ch 1

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.8817$ mho/m, $\epsilon_r = 53.5398$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Low Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.32 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.328 mW/g

Low Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

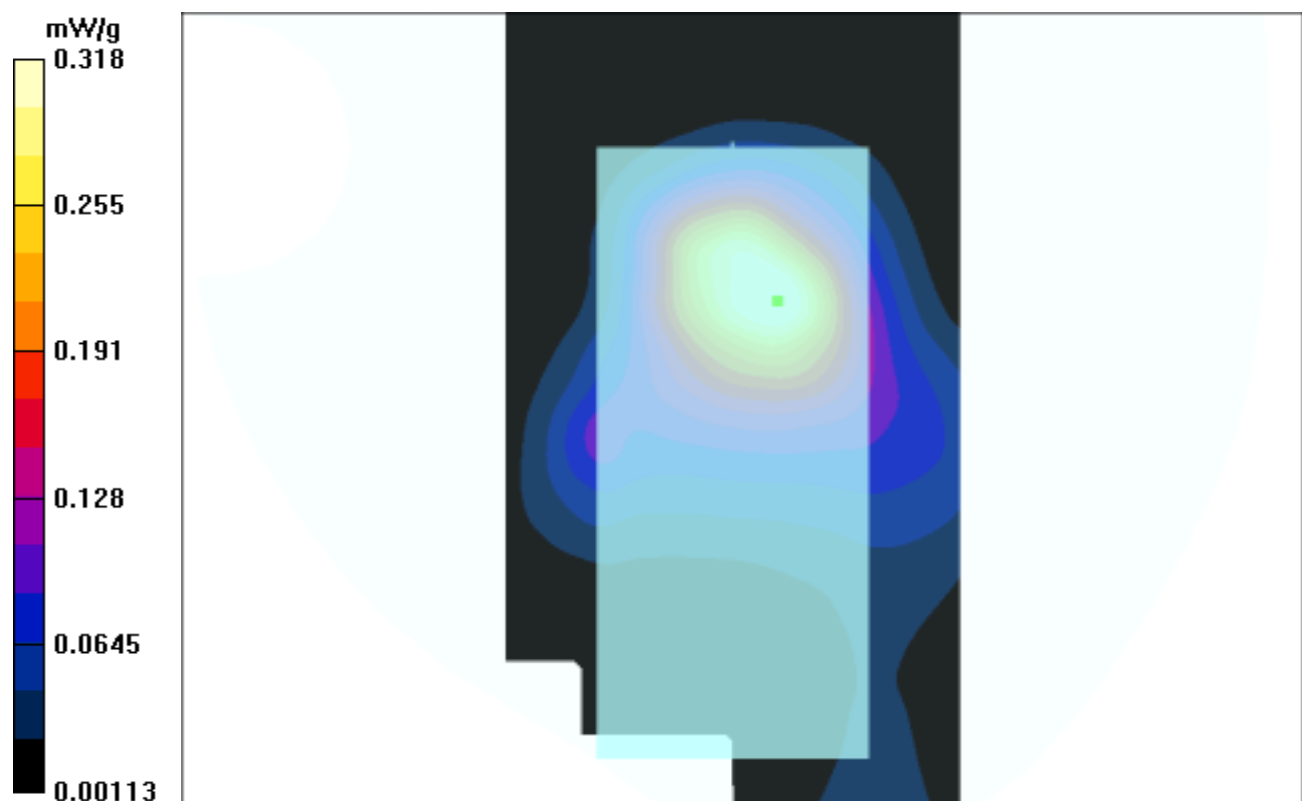
Peak SAR (extrapolated) = 0.614 W/kg

SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.168 mW/g

Reference Value = 5.32 V/m

Power Drift = 0.06 dB

Maximum value of SAR = 0.318 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell Inspiron 3800 Bottom Mode 9 Ch 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9174$ mho/m, $\epsilon_r = 53.4732$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

Middle Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.293 mW/g

Middle Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

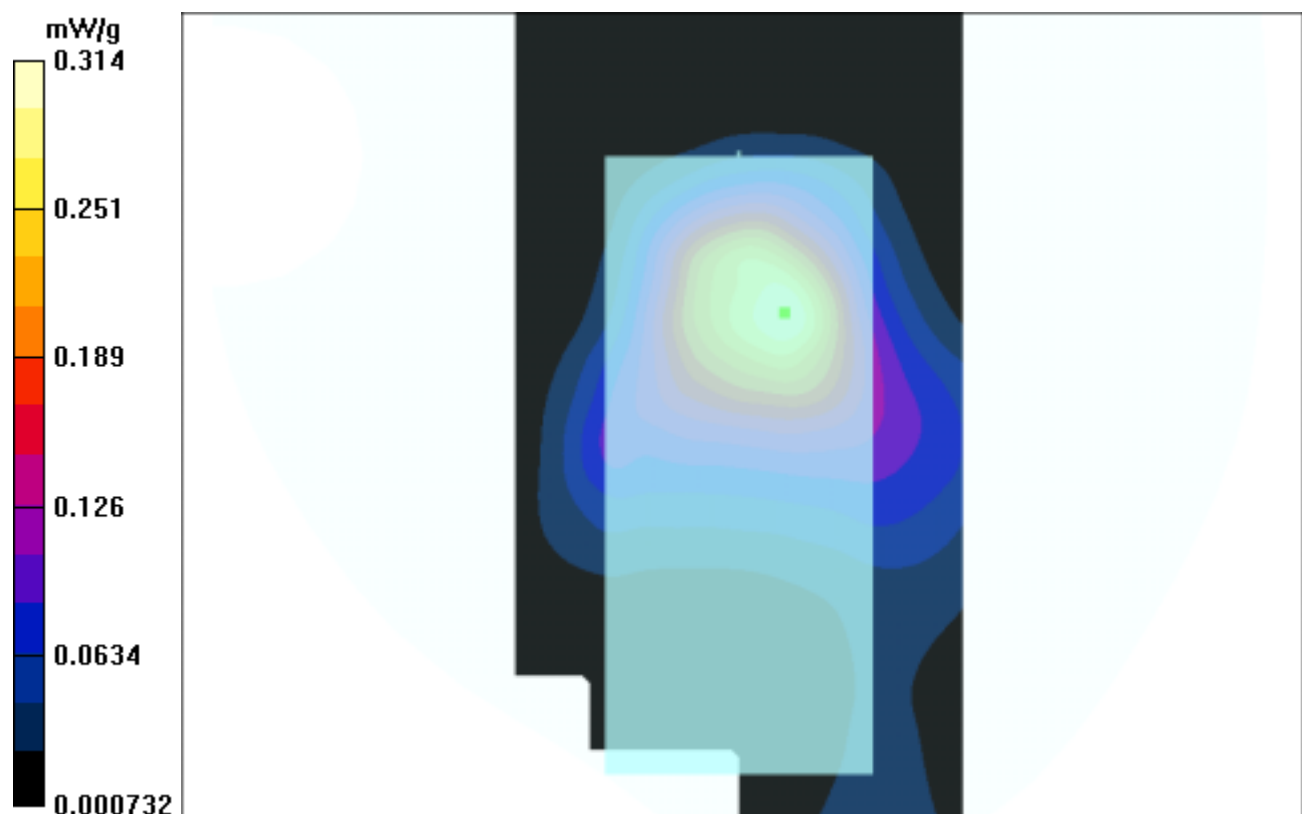
Peak SAR (extrapolated) = 0.615 W/kg

SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.167 mW/g

Reference Value = 5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.314 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 11b Antenna 1 Dell Inspiron 3800 Bottom Mode 9 Ch 11

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz ; Duty Cycle: 1:1 ; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.9496$ mho/m, $\epsilon_r = 53.4606$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 11 mm (The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 21.0 degrees ; Liquid temp. : 21.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1790 ; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2003/8/29
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579 ; Calibrated: 2003/8/15
- Phantom: SAM 12 ; Type: SAM V4.0 ; Serial: TP 1202
- Measurement SW: DASY4, V4.1 Build 47 ; Postprocessing SW: SEMCAD, V1.6 Build 115

High Channel/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 3.66 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.205 mW/g

High Channel/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Peak SAR (extrapolated) = 0.397 W/kg

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.107 mW/g

Reference Value = 3.66 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.2 mW/g

