

Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Mode 7

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 ($\sigma = 2.045$ mho/m, $\epsilon_r = 51.4259$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.84 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

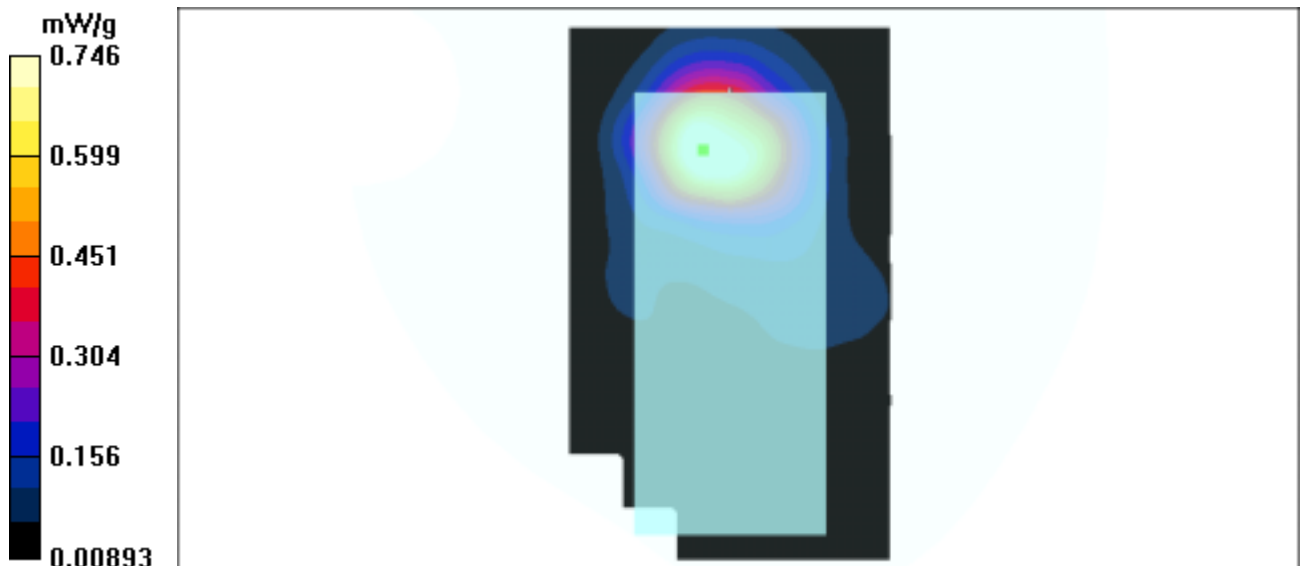
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.401 mW/g

Reference Value = 14.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.746 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Tip Mode 2

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 2412 MHz

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 10.1 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.268 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

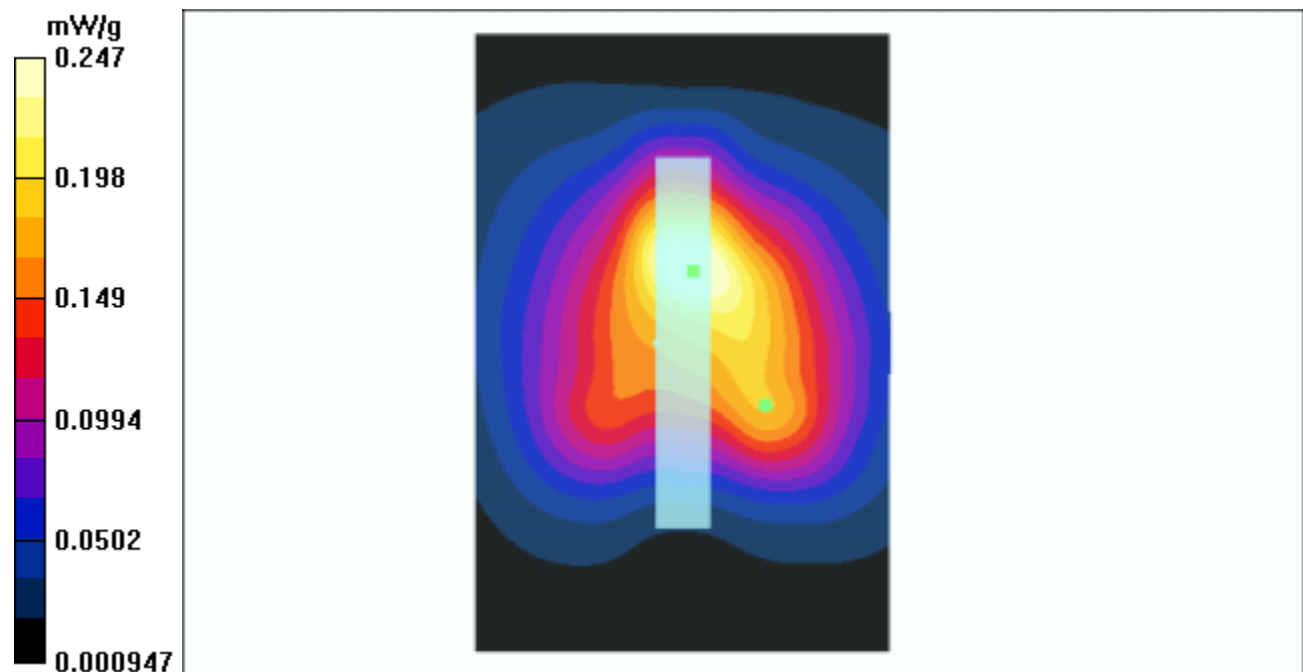
Peak SAR (extrapolated) = 0.808 W/kg

SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.115 mW/g

Reference Value = 10.1 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.247 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Tip Mode 2

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 2437 MHz

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.368 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

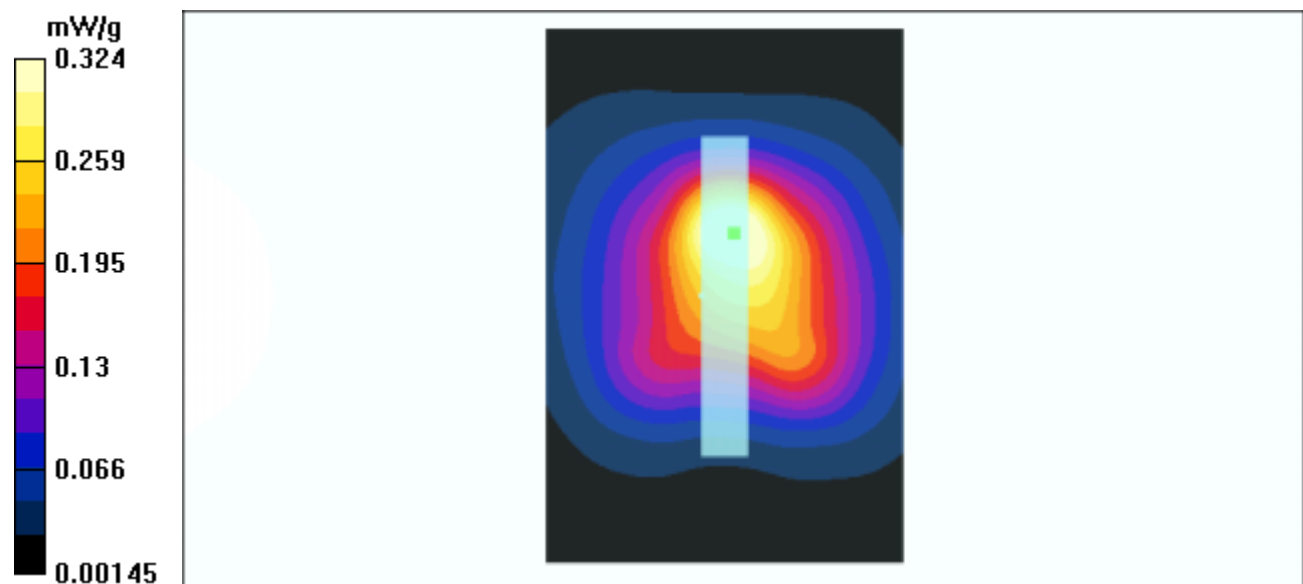
Peak SAR (extrapolated) = 0.964 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.152 mW/g

Reference Value = 12.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.324 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Tip Mode 2

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 2462 MHz

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 2.012$ mho/m, $\epsilon_r = 51.7742$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 0mm(The tip of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510; Calibrated: 6/2/2003
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.409 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

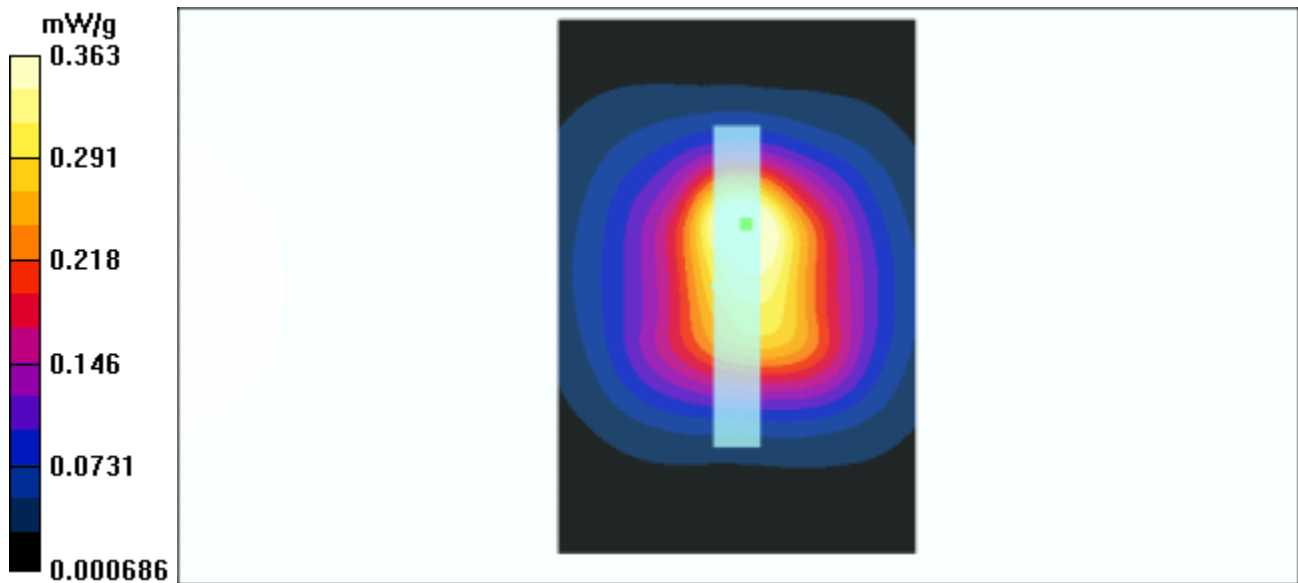
Peak SAR (extrapolated) = 0.943 W/kg

SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.168 mW/g

Reference Value = 13.4 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.363 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Front Mode 3

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 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 6mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.7 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.197 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

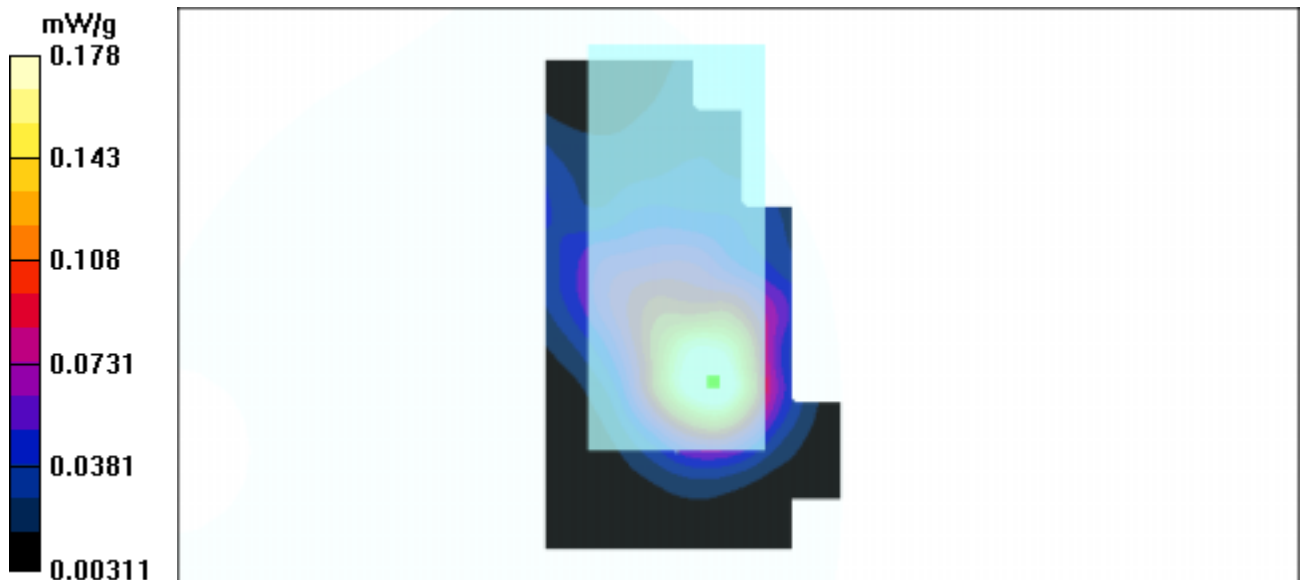
Peak SAR (extrapolated) = 0.314 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.0953 mW/g

Reference Value = 5.7 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.178 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Front Mode 3

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 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 6mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.06 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.205 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

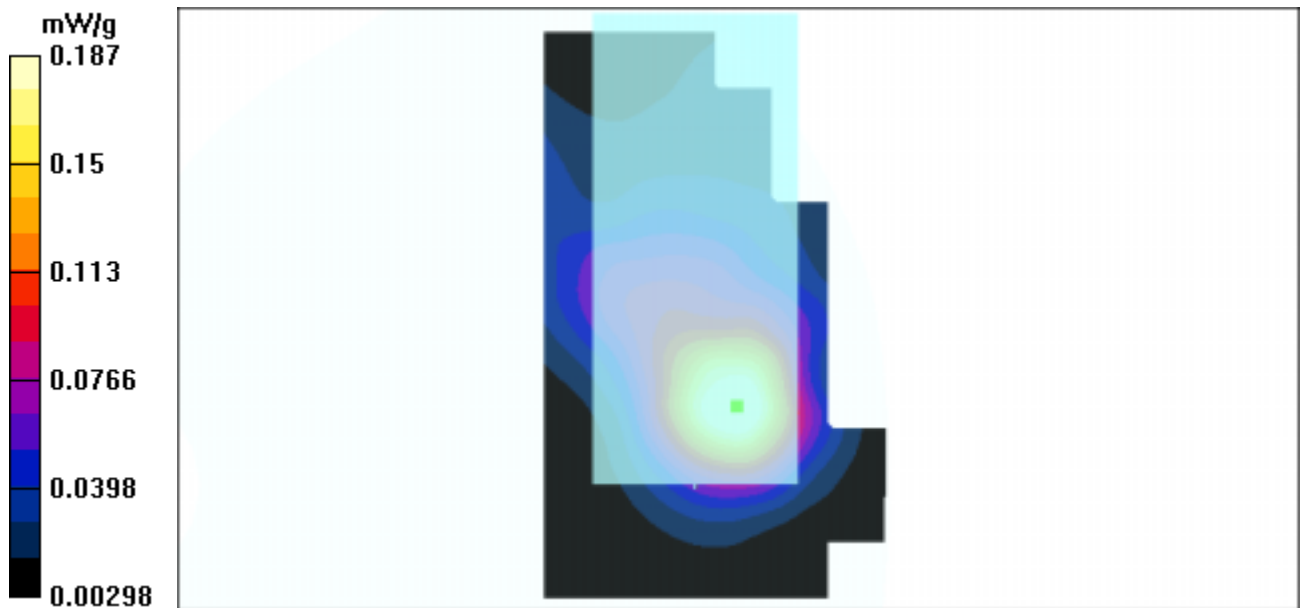
Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.0993 mW/g

Reference Value = 6.06 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.187 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Front Mode 3

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 ($\sigma = 2.012$ mho/m, $\epsilon_r = 51.7742$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 6mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.23 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.201 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

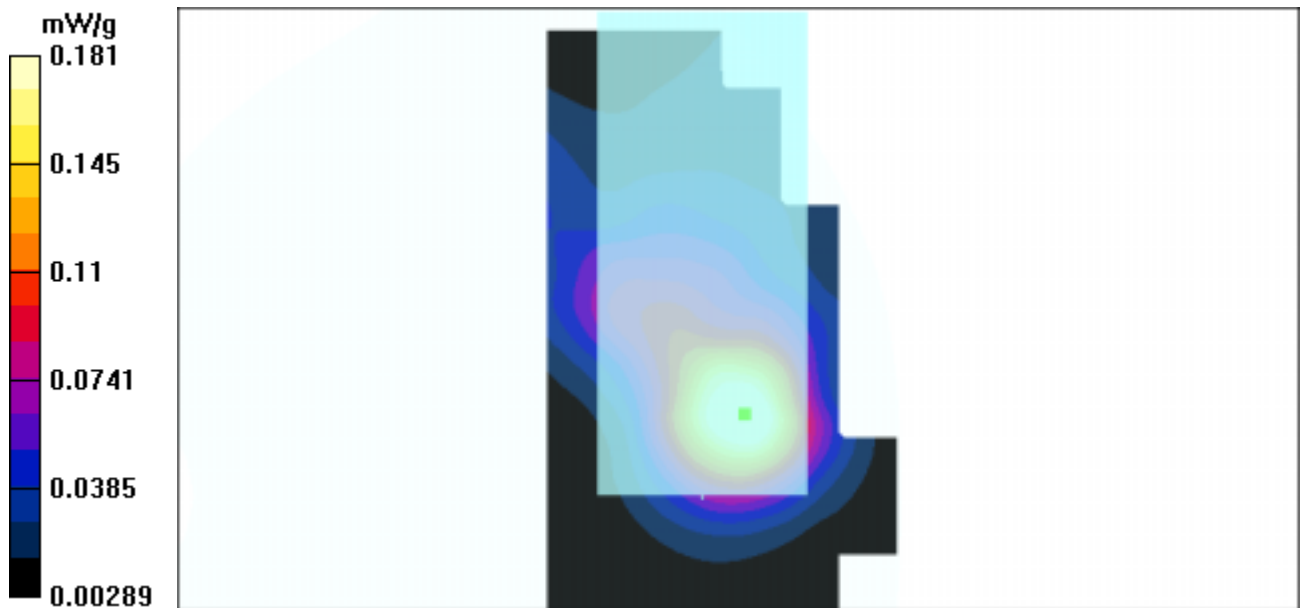
Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.0955 mW/g

Reference Value = 6.23 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.181 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Bottom Mode 4

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.12 mW/g

Channel 512/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

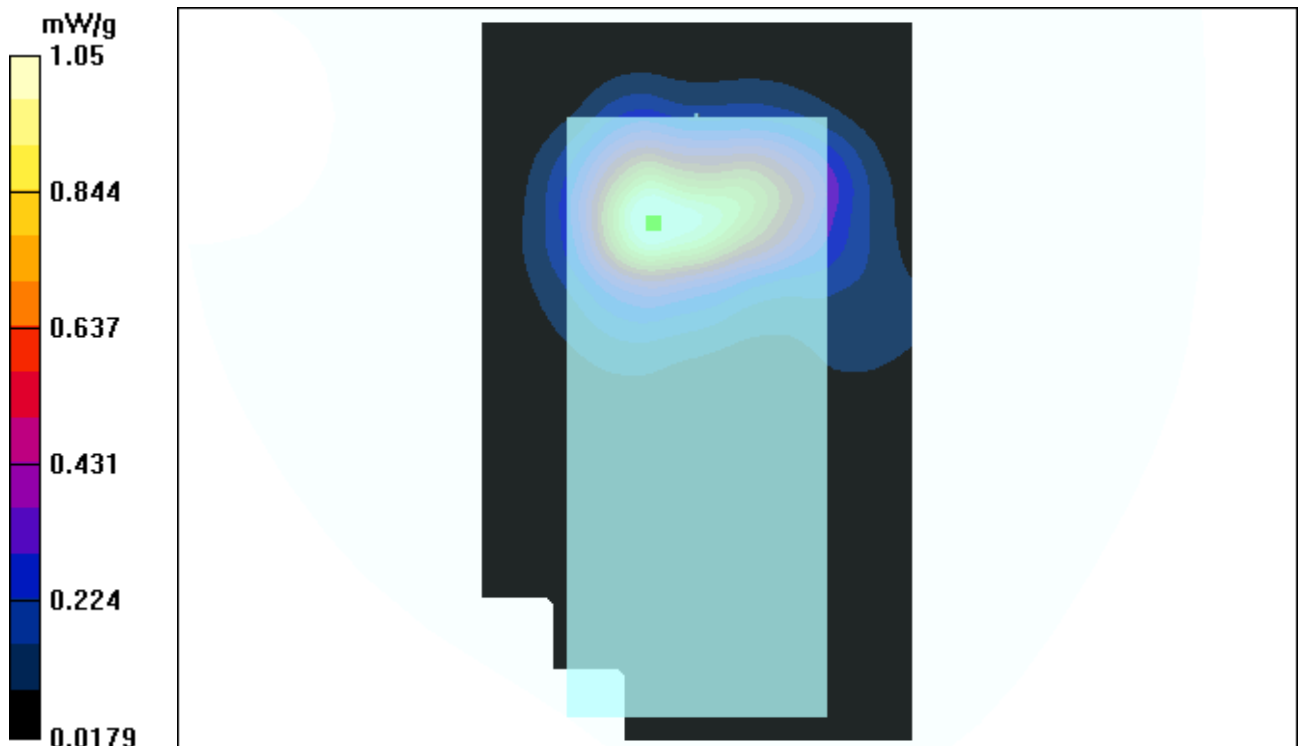
Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.959 mW/g; SAR(10 g) = 0.521 mW/g

Reference Value = 13 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.05 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Bottom Mode 4

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 661/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.15 mW/g

Channel 661/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

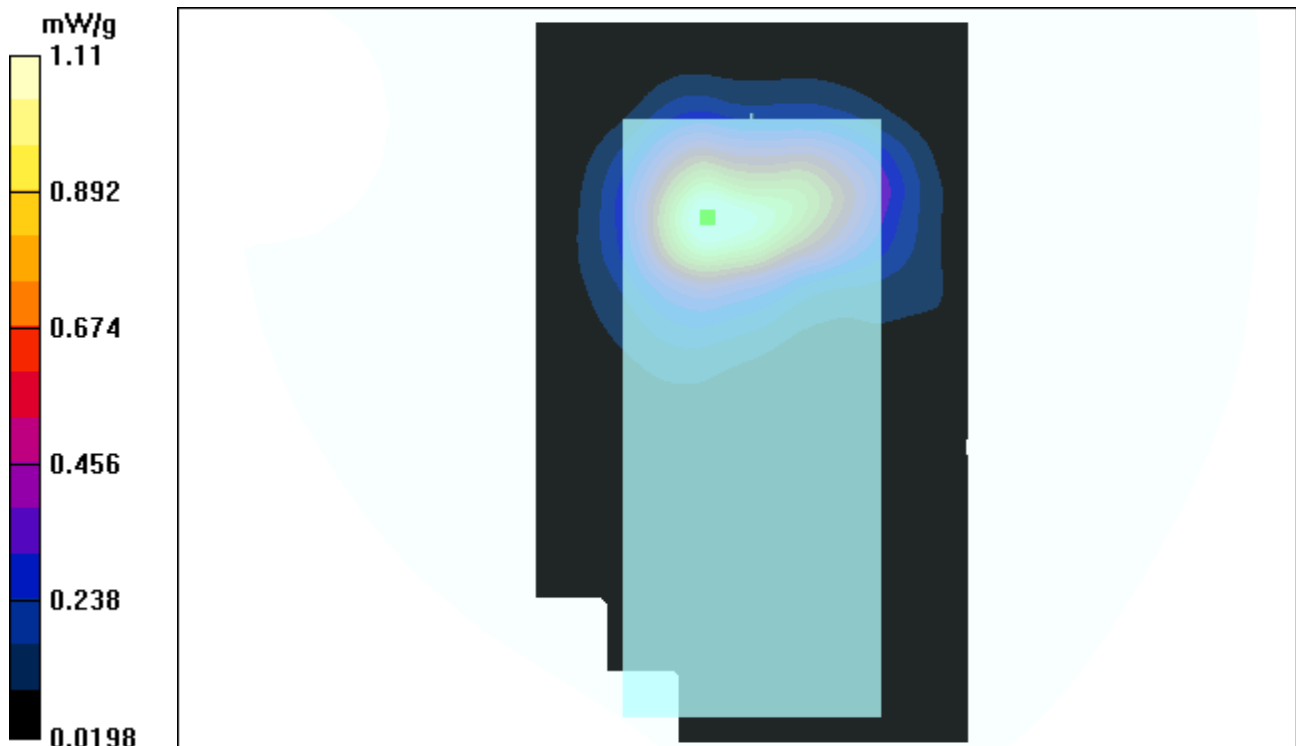
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.548 mW/g

Reference Value = 13.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 1.11 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Bottom Mode 4

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.923 mW/g

Channel 810/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

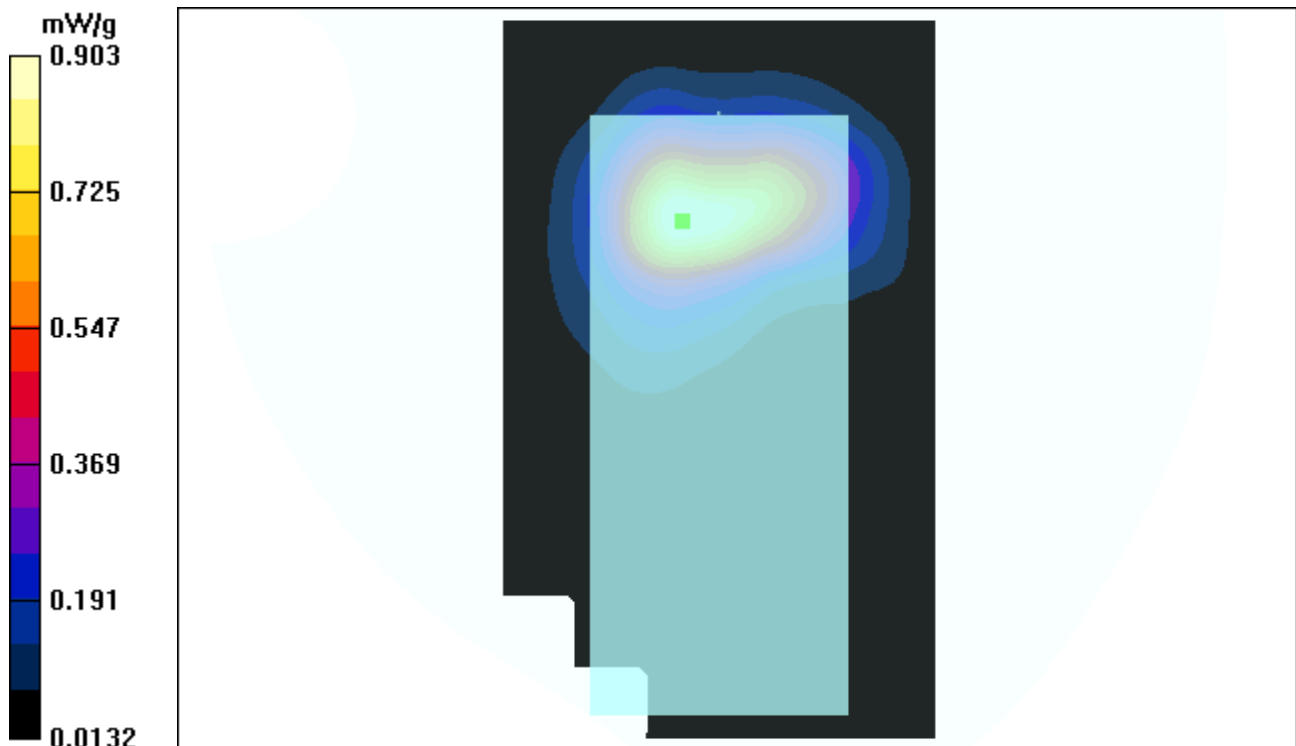
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.812 mW/g; SAR(10 g) = 0.44 mW/g

Reference Value = 12.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.903 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Tip-15mm Mode 5

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 512/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 17.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.435 mW/g

Channel 512/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

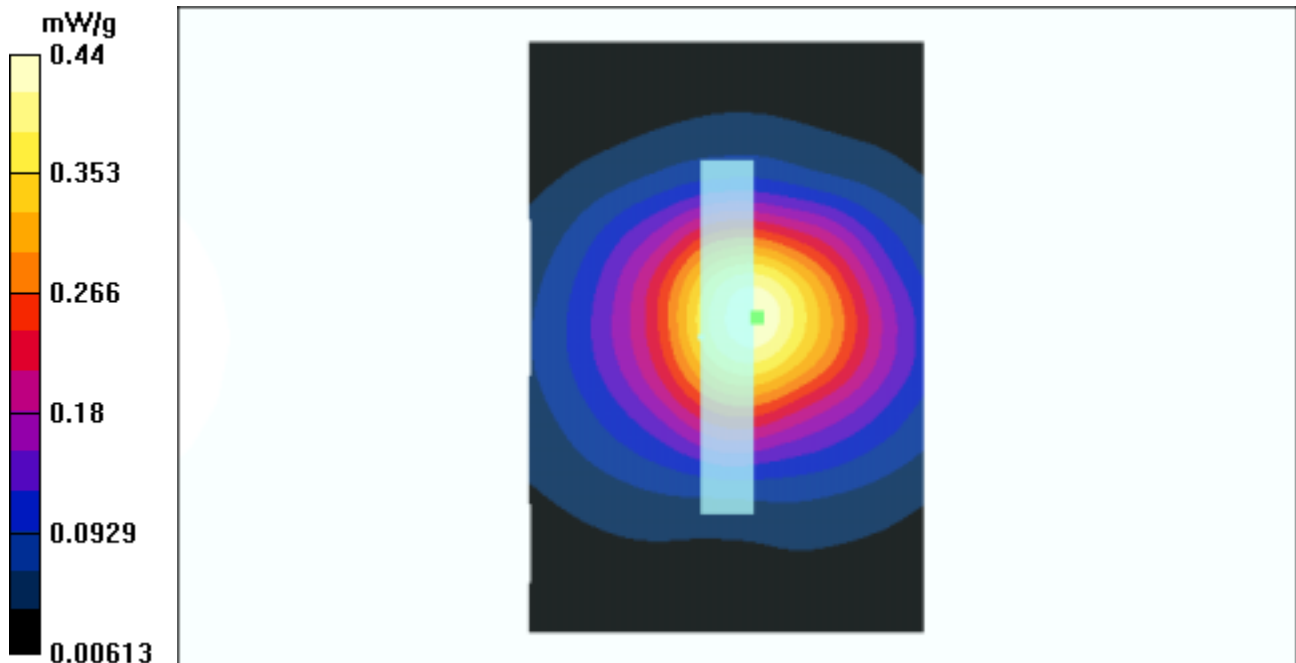
Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.224 mW/g

Reference Value = 17.5 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.44 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Tip-15mm Mode 5

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 661/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 17.8 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.455 mW/g

Channel 661/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

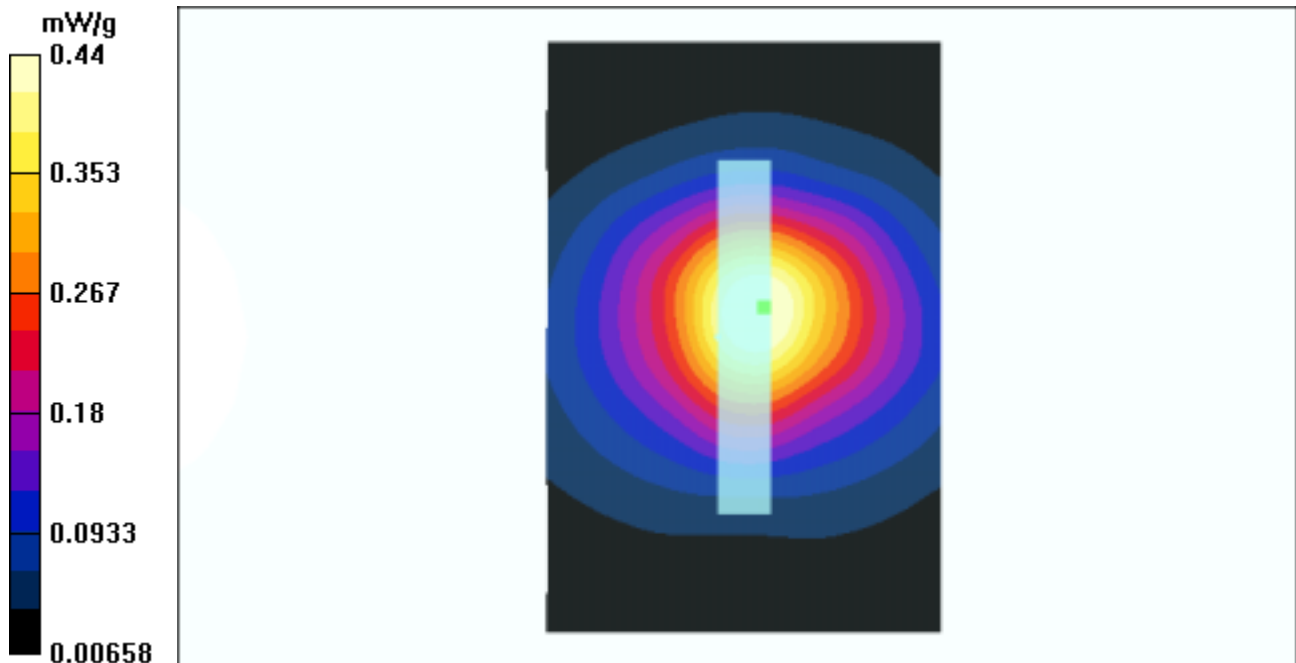
Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.4 mW/g; SAR(10 g) = 0.221 mW/g

Reference Value = 17.8 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.44 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Tip-15mm Mode 5

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 810/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.4 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.354 mW/g

Channel 810/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

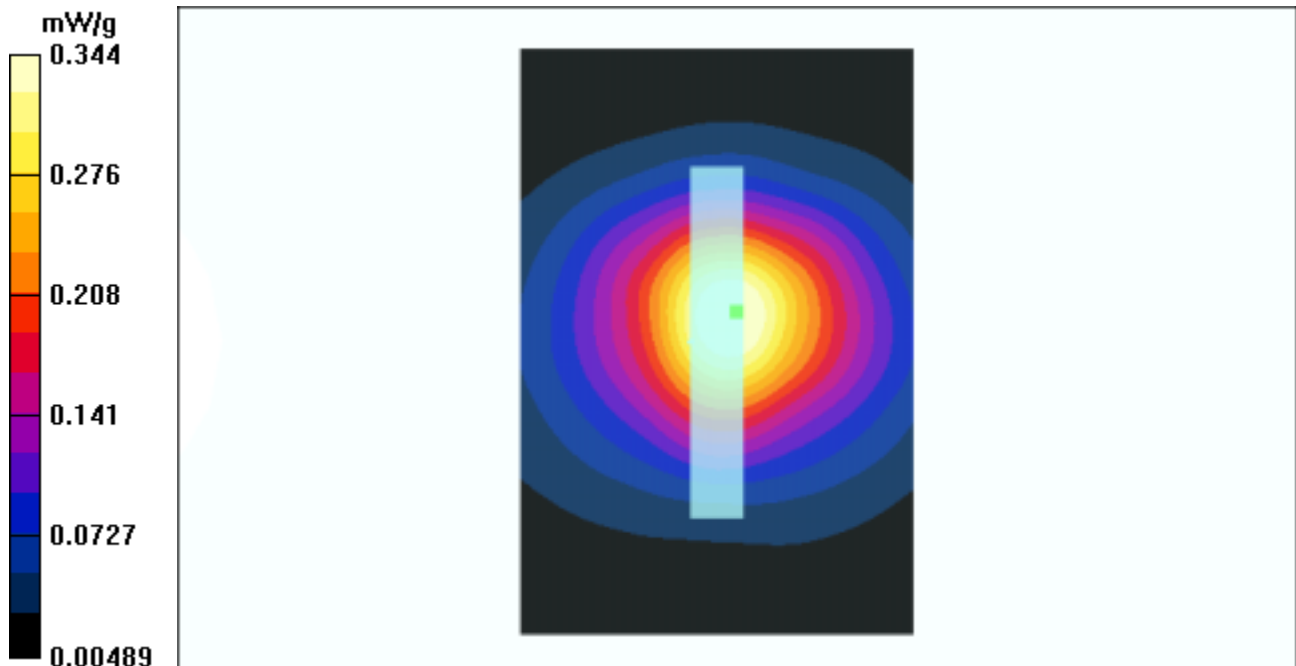
Peak SAR (extrapolated) = 0.524 W/kg

SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.174 mW/g

Reference Value = 15.4 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.344 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Front Mode 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 6mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.9 V/m

Power Drift = 0.0008 dB

Maximum value of SAR = 0.847 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

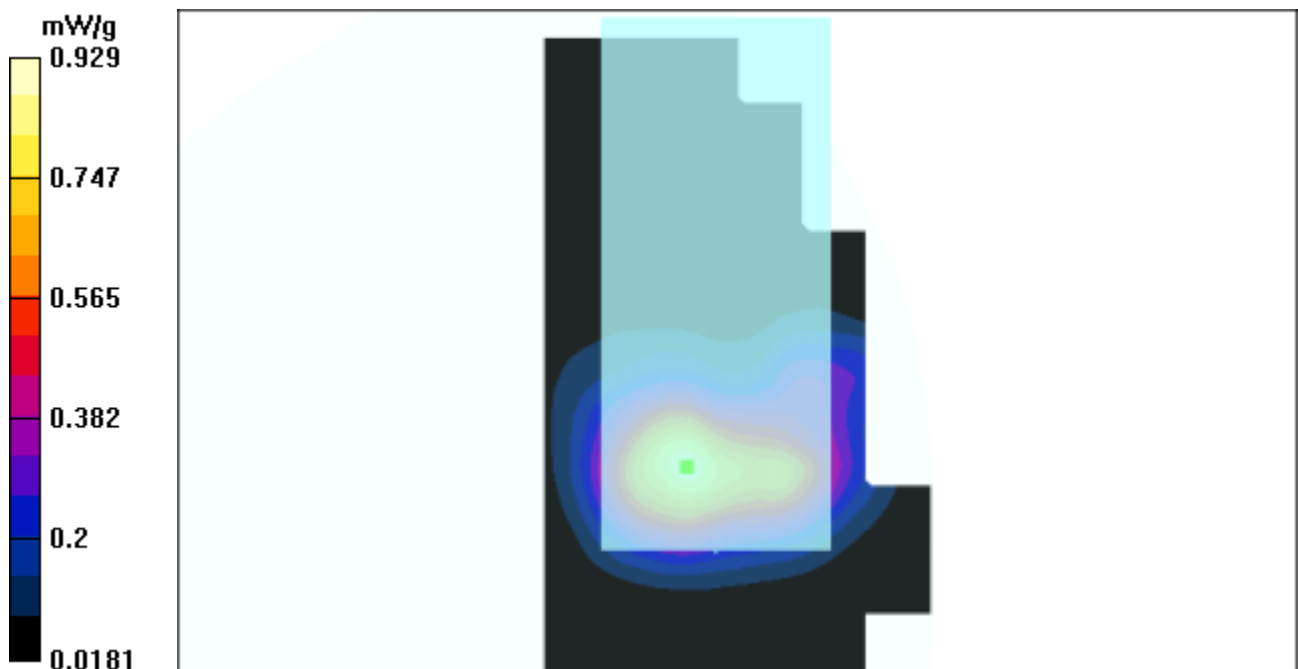
Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.444 mW/g

Reference Value = 12.9 V/m

Power Drift = 0.0008 dB

Maximum value of SAR = 0.929 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Mode 7

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 ($\sigma = 1.976 \text{ mho/m}$, $\epsilon_r = 51.6187$, $\rho = 1000 \text{ kg/m}^3$) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.906 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

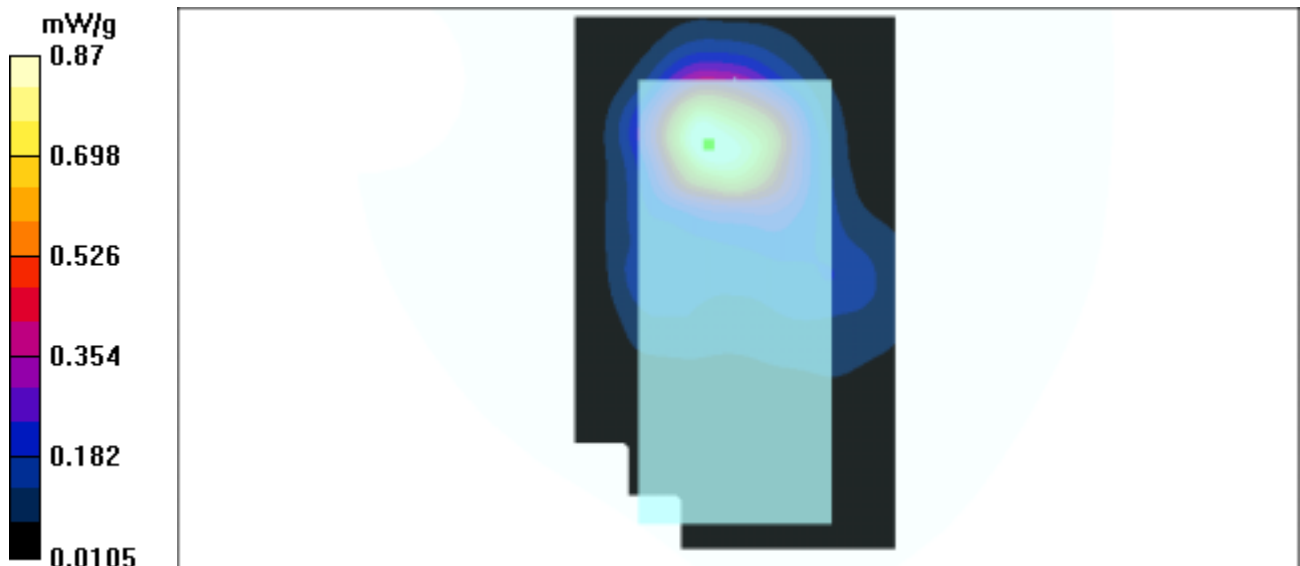
Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.441 mW/g

Reference Value = 15 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.87 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Mode 7

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 ($\sigma = 2.008$ mho/m, $\epsilon_r = 51.5262$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (7x11x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.989 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

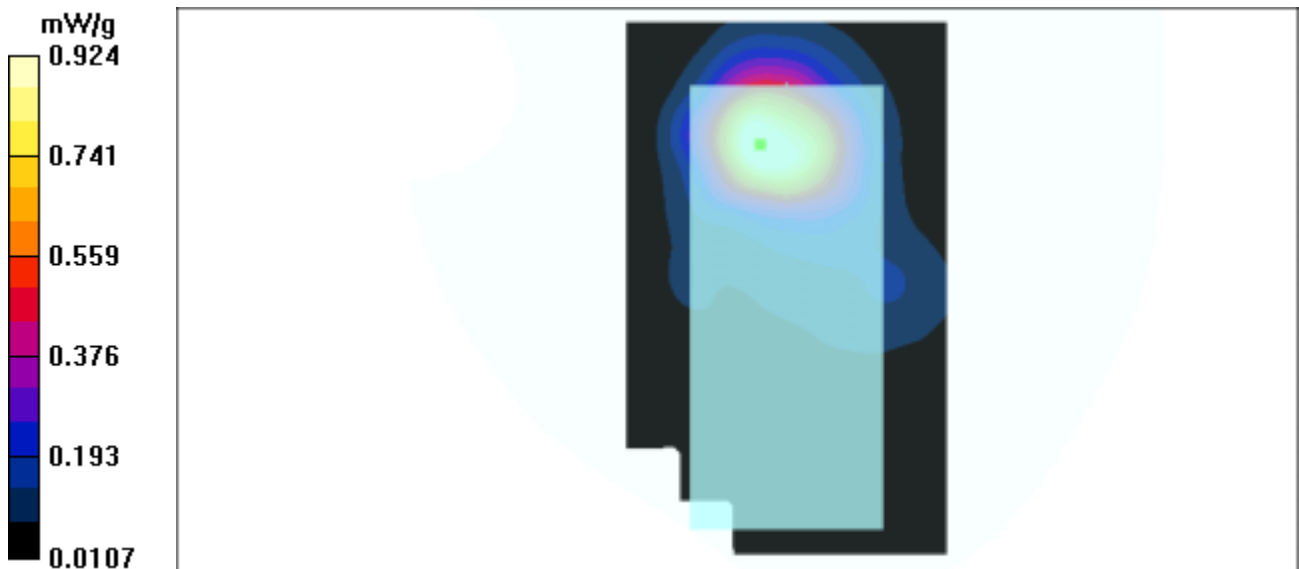
Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.471 mW/g

Reference Value = 15.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.924 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Mode 7

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 ($\sigma = 2.045$ mho/m, $\epsilon_r = 51.4259$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.84 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

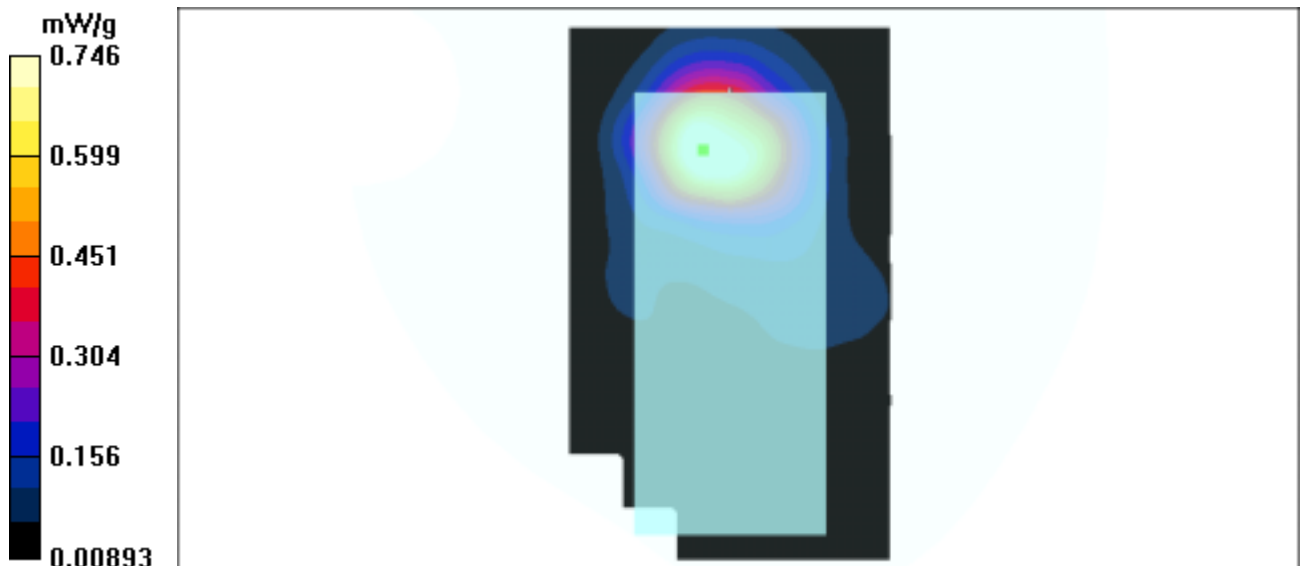
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.401 mW/g

Reference Value = 14.6 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.746 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Front Mode 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 6mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.7 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.913 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

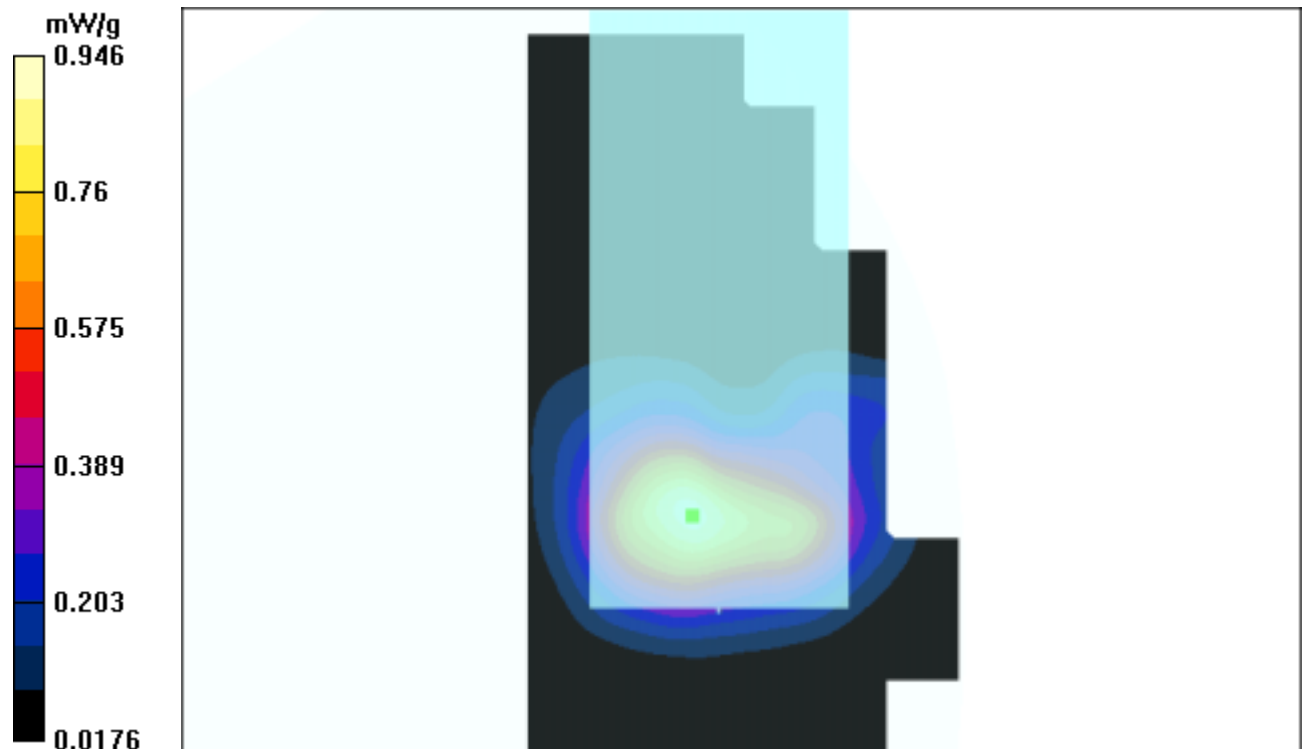
Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.466 mW/g

Reference Value = 13.7 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.946 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Evo N800C Front Mode 6

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 6mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.73 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

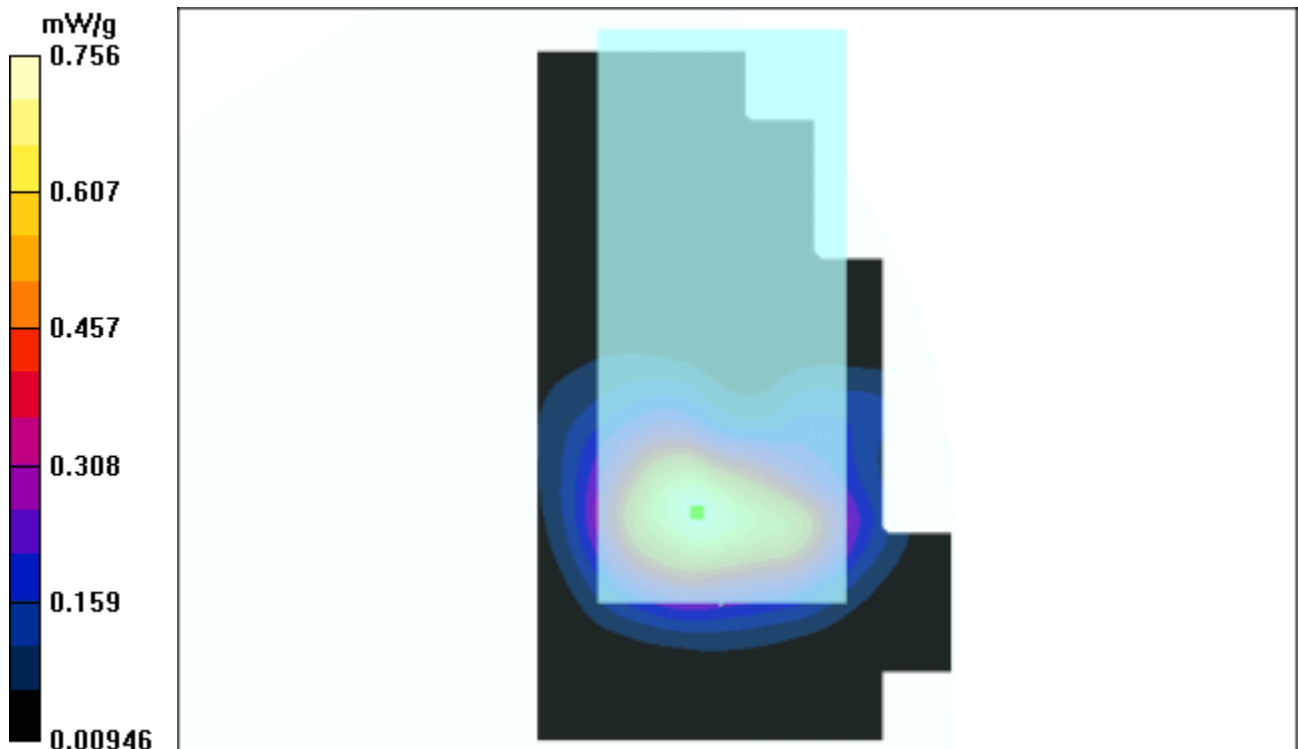
Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.379 mW/g

Reference Value = 12.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.756 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Tip Mode 8

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

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.15 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.131 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

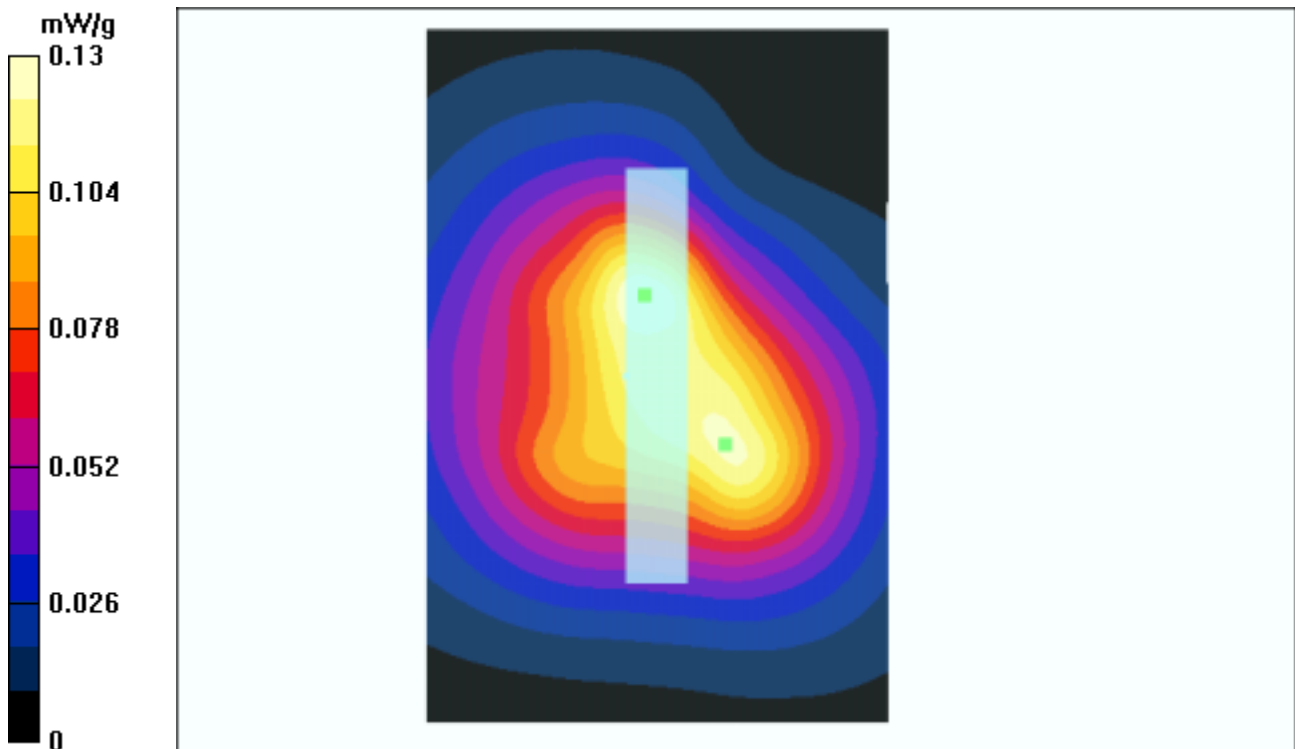
Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.0613 mW/g

Reference Value = 8.15 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.13 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Tip Mode 8

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

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.07 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.153 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

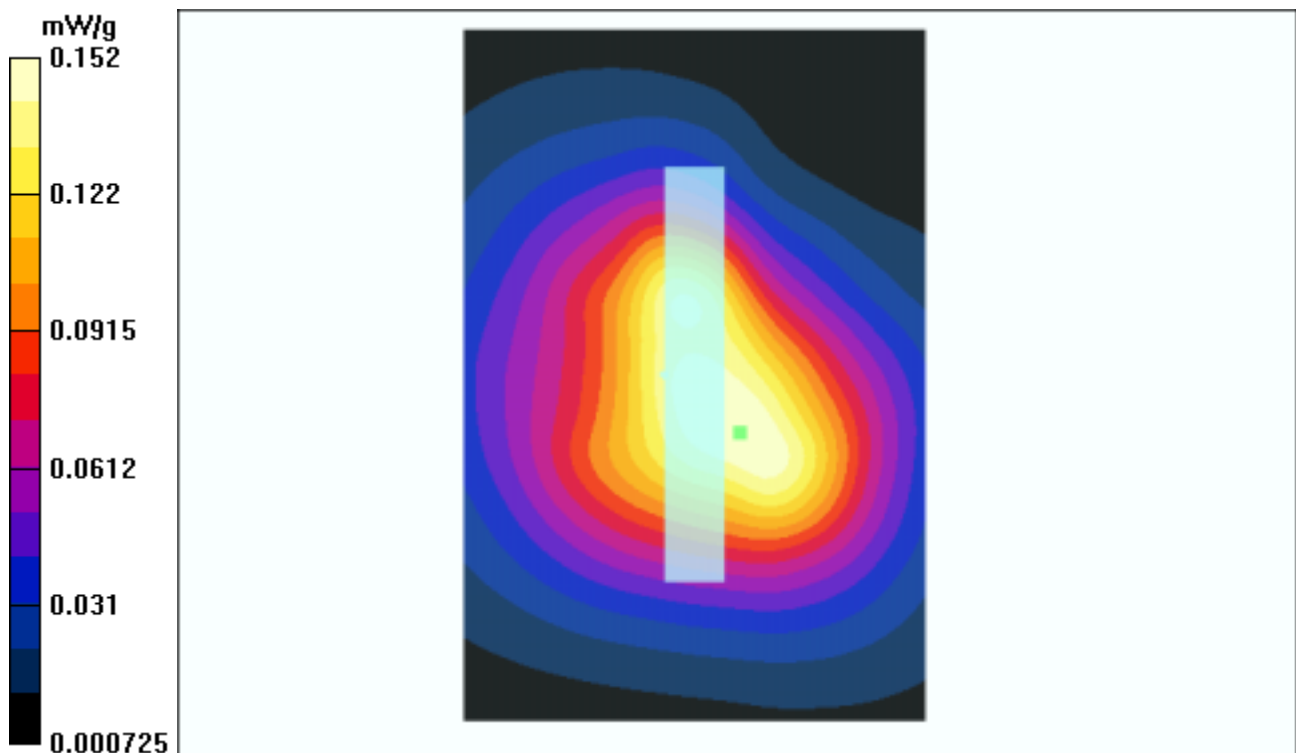
Peak SAR (extrapolated) = 0.295 W/kg

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.0788 mW/g

Reference Value = 9.07 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.152 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Tip Mode 8

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

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 2.012$ mho/m, $\epsilon_r = 51.7742$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.15 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.166 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

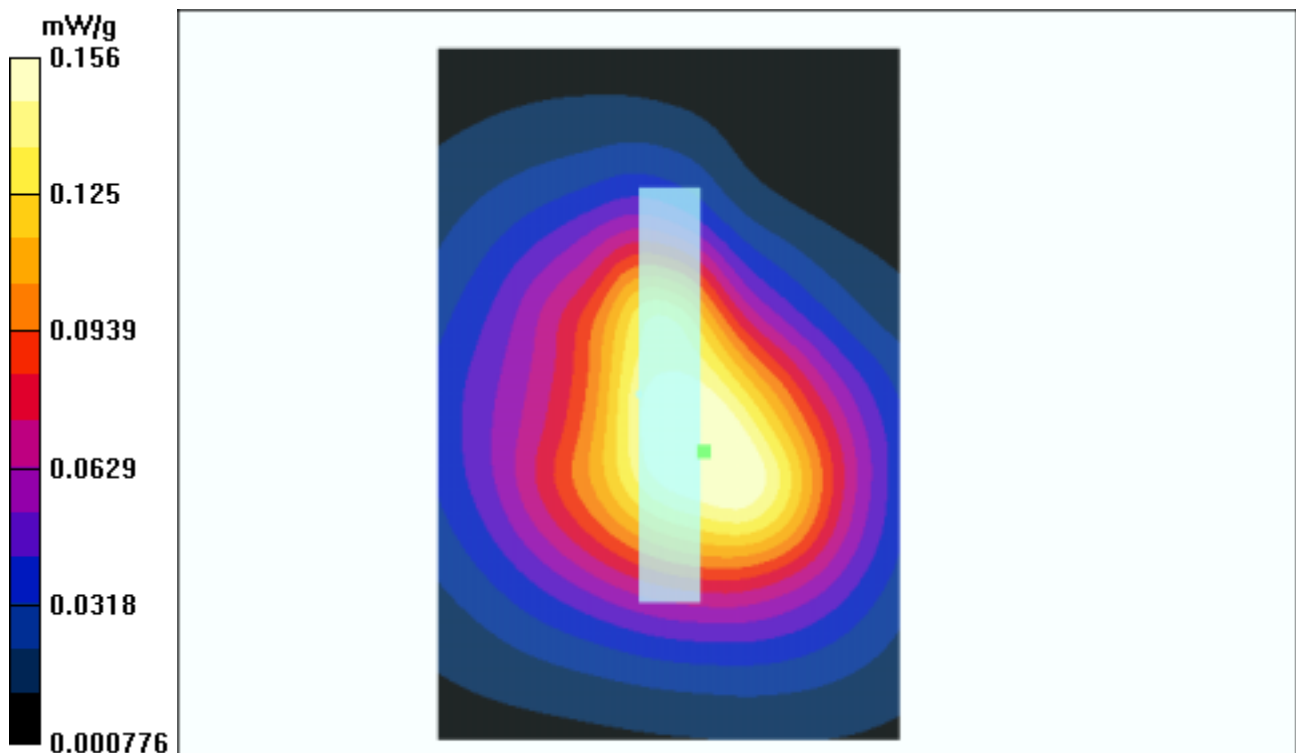
Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.0822 mW/g

Reference Value = 9.15 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.156 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Front Mode 9

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 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 5mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.52 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.33 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

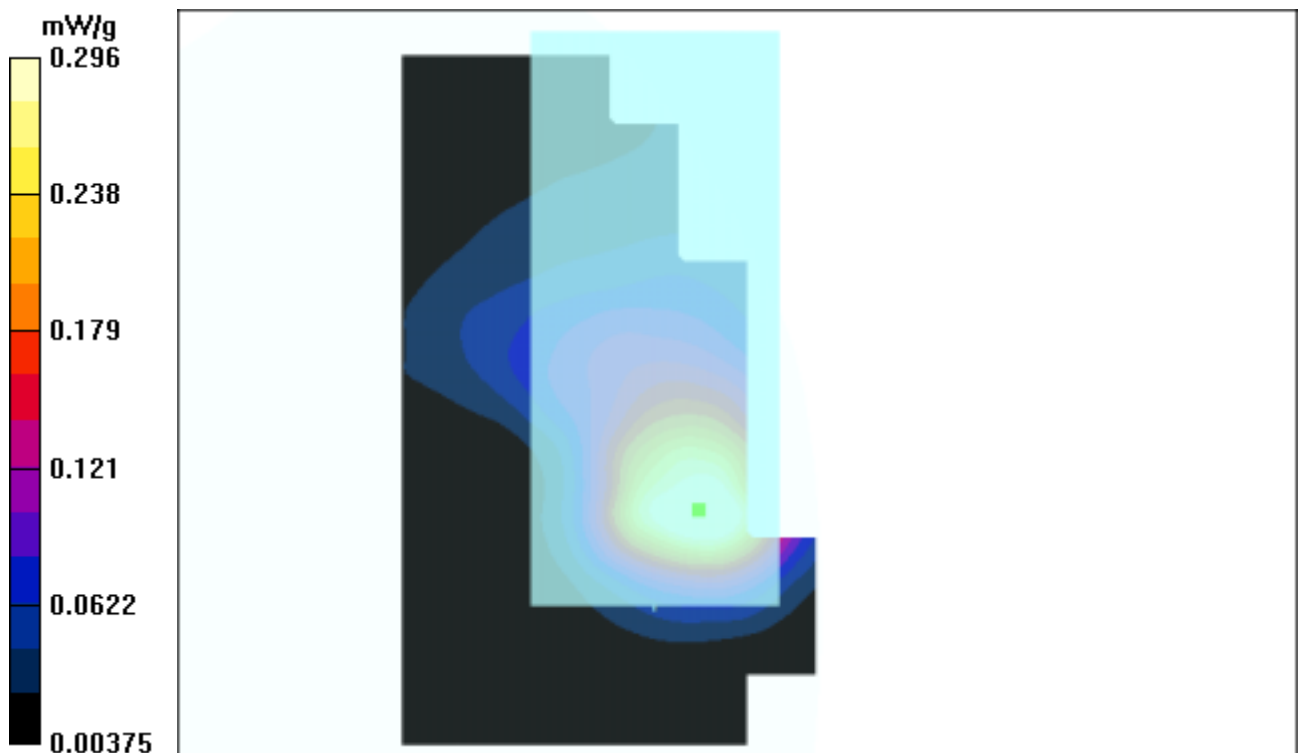
Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.157 mW/g

Reference Value = 5.52 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 0.296 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Front Mode 9

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 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 5mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.13 V/m

Power Drift = 0.4 dB

Maximum value of SAR = 0.357 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

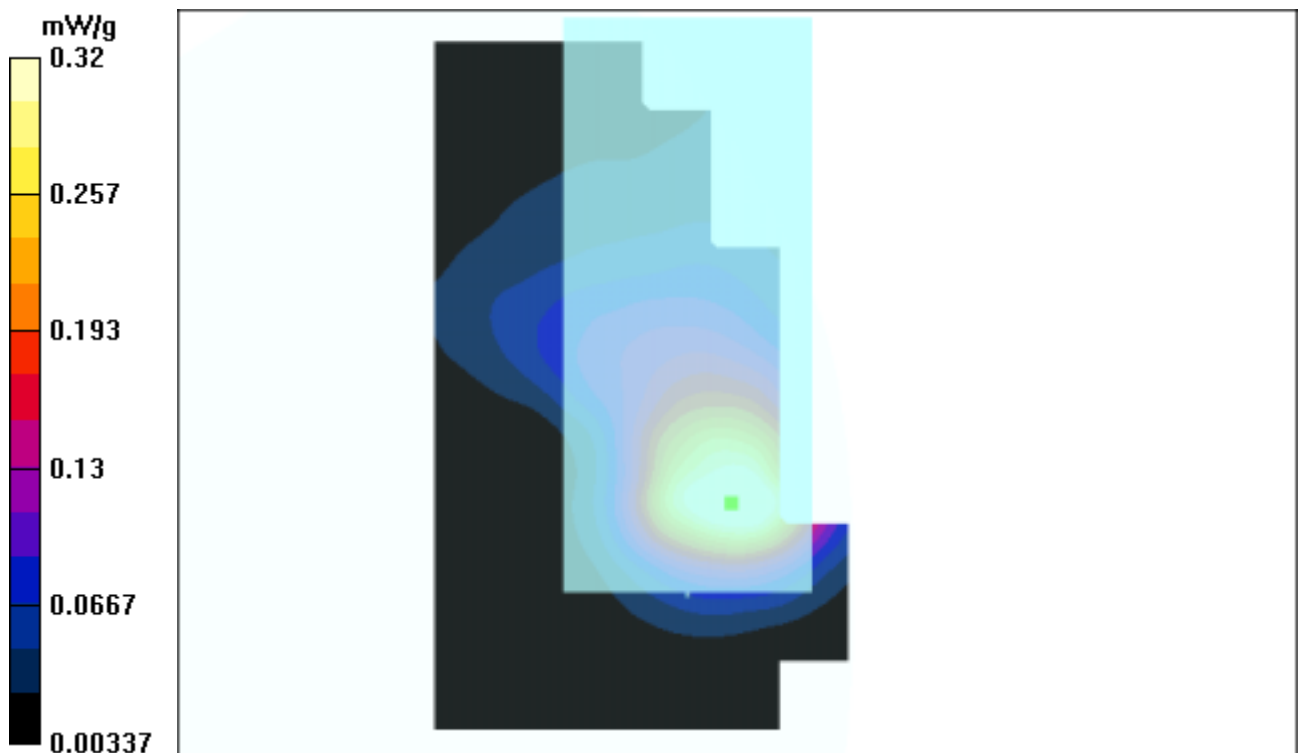
Peak SAR (extrapolated) = 0.594 W/kg

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.171 mW/g

Reference Value = 6.13 V/m

Power Drift = 0.4 dB

Maximum value of SAR = 0.32 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Front Mode 9

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 ($\sigma = 2.012$ mho/m, $\epsilon_r = 51.7742$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 5mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 6.55 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.36 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

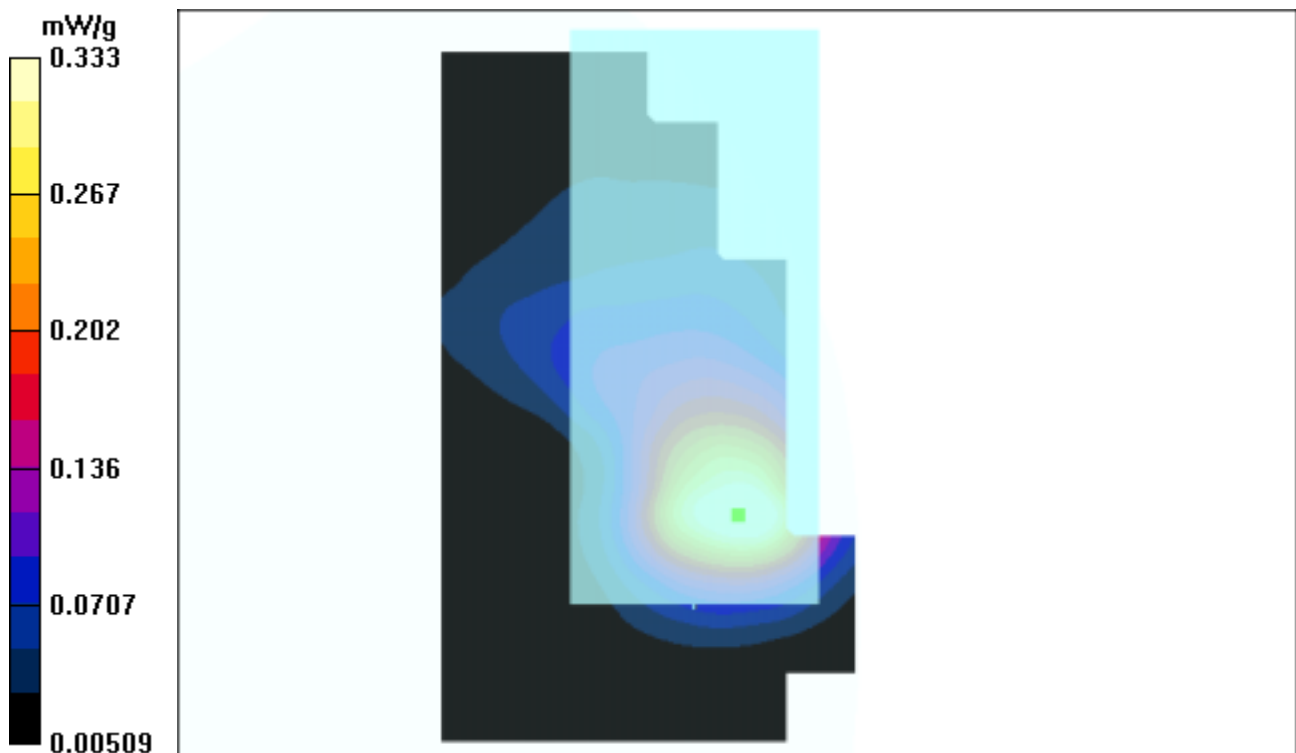
Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.176 mW/g

Reference Value = 6.55 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 0.333 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Bottom Mode 10

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 12mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.02 mW/g

Channel 512/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

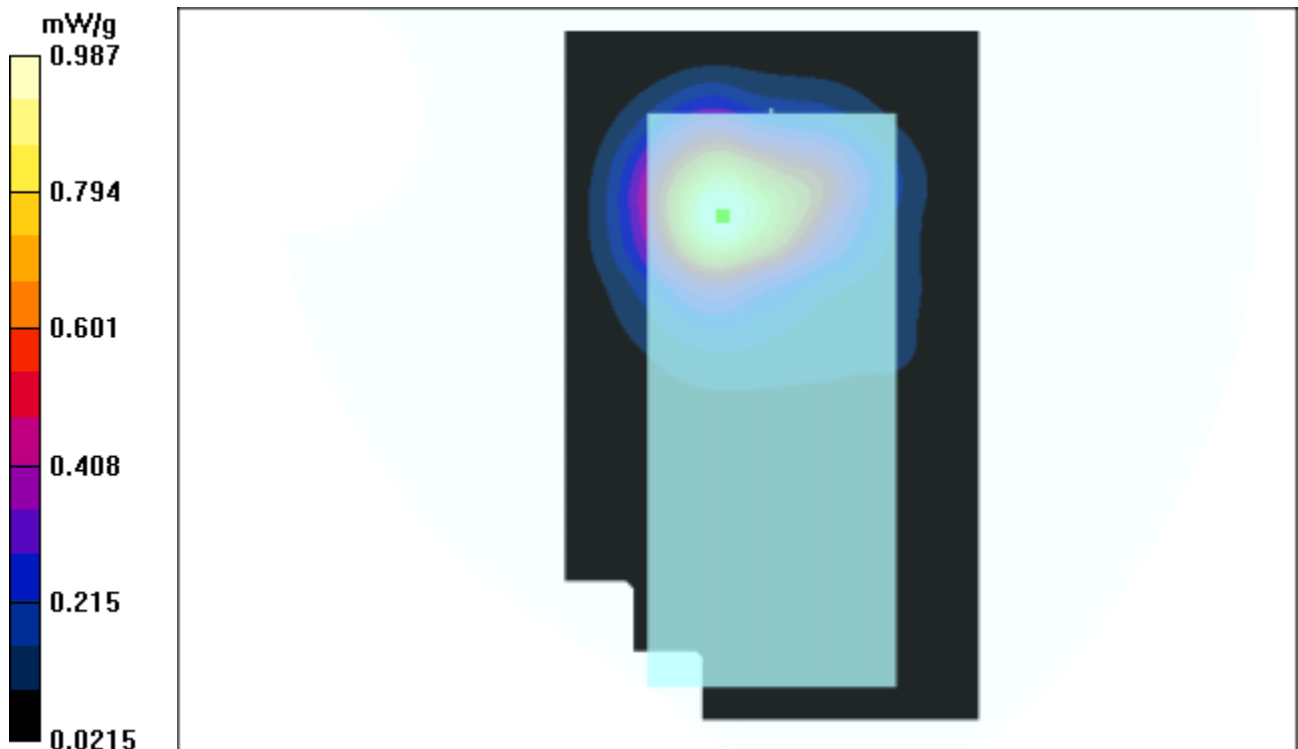
Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.903 mW/g; SAR(10 g) = 0.495 mW/g

Reference Value = 13 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.987 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Bottom Mode 10

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 12mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 661/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.1 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1.03 mW/g

Channel 661/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

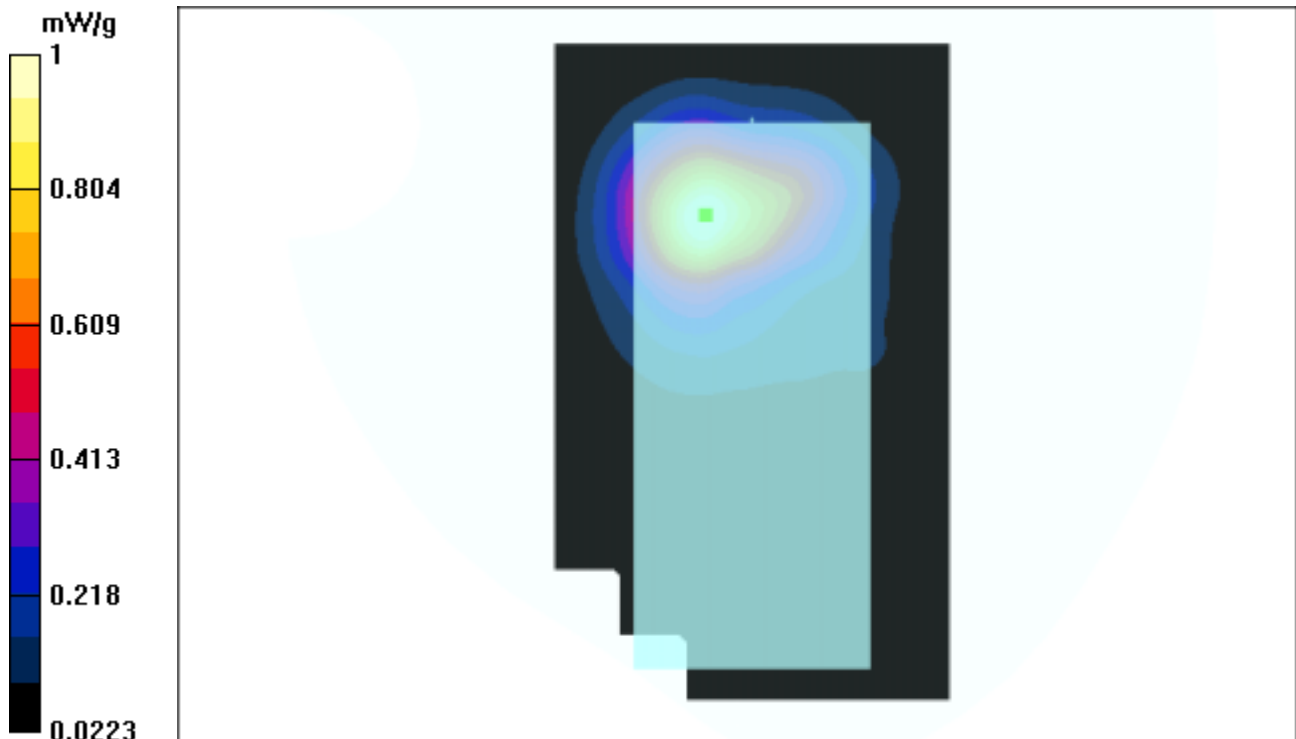
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.913 mW/g; SAR(10 g) = 0.499 mW/g

Reference Value = 13.1 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 1 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Bottom Mode 10

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 12mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.9 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.779 mW/g

Channel 810/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

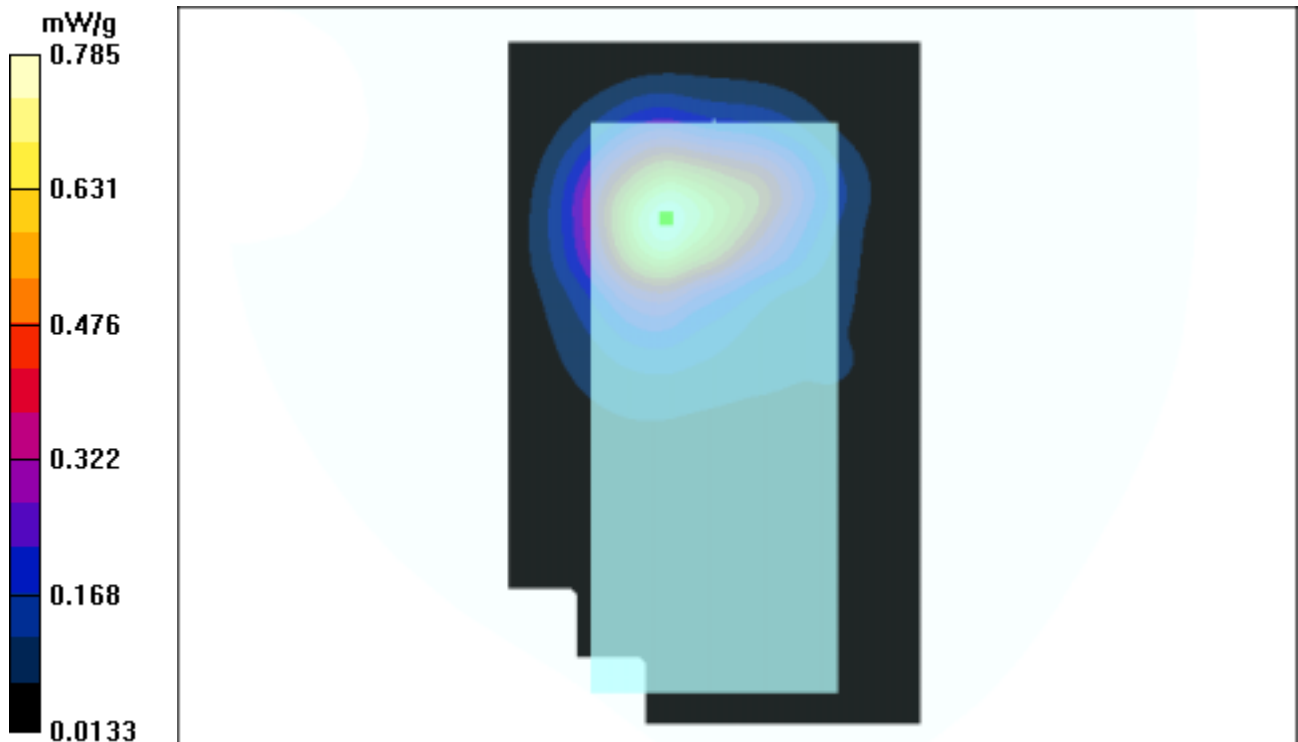
Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.389 mW/g

Reference Value = 11.9 V/m

Power Drift = -0.08 dB

Maximum value of SAR = 0.785 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Tip Mode 11

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 512/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 19.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.512 mW/g

Channel 512/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

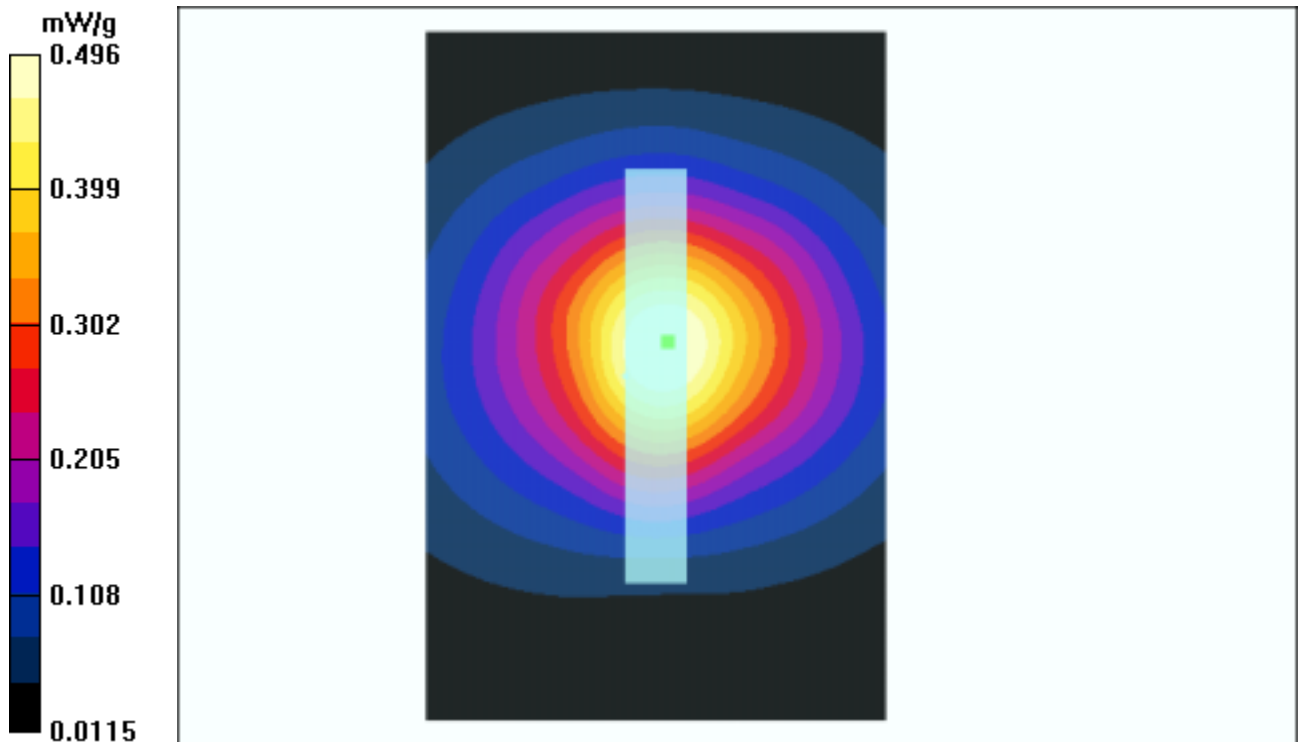
Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.253 mW/g

Reference Value = 19.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.496 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Tip Mode 11

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 661/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 18.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.493 mW/g

Channel 661/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

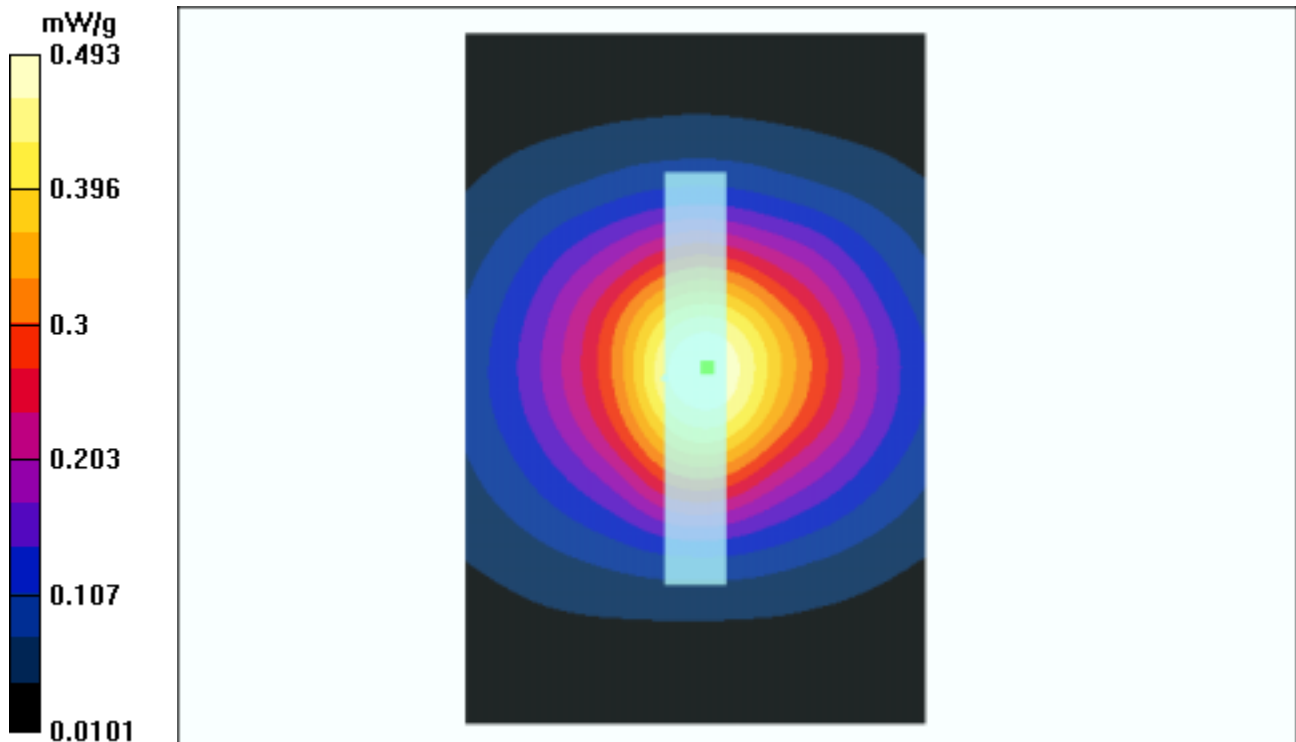
Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.247 mW/g

Reference Value = 18.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.493 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Tip Mode 11

DUT: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Type: BenQ W10 GPRS+Wireless LAN PCMCIA adapter ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 810/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 16.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.397 mW/g

Channel 810/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

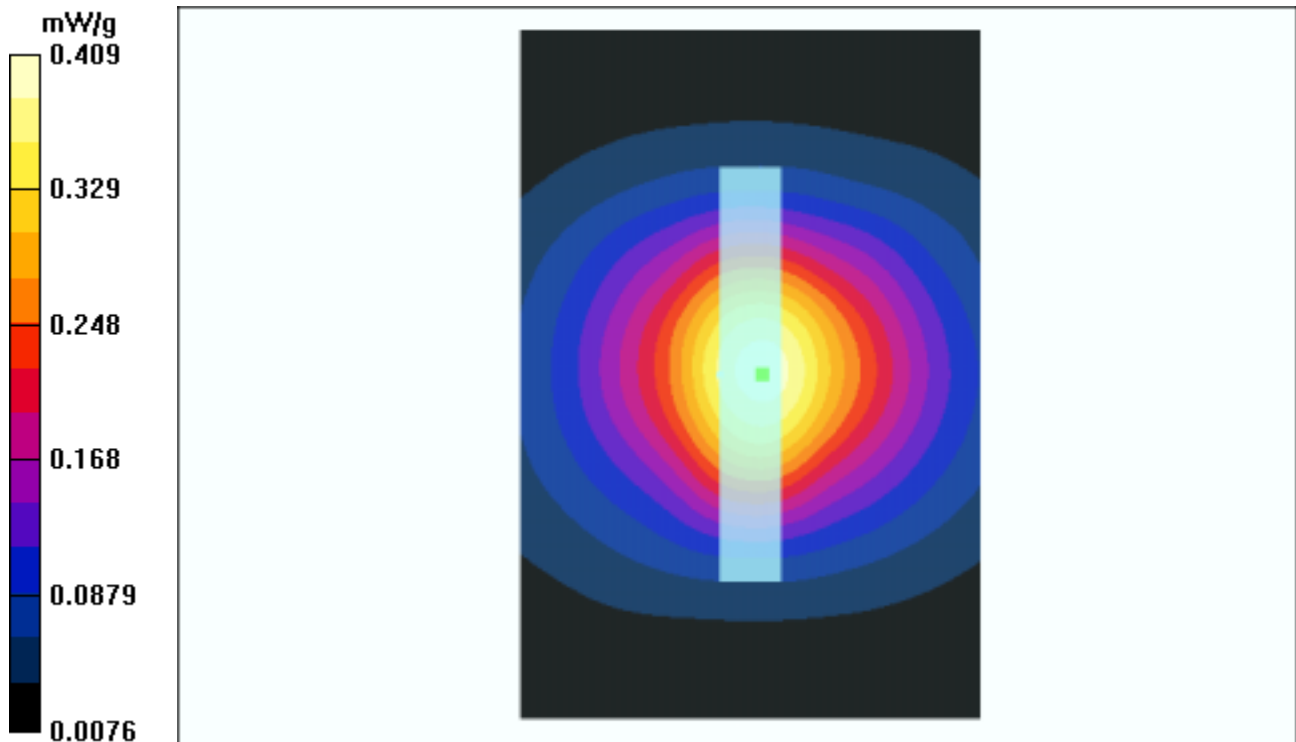
Peak SAR (extrapolated) = 0.63 W/kg

SAR(1 g) = 0.369 mW/g; SAR(10 g) = 0.201 mW/g

Reference Value = 16.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.409 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Front Mode 12

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 5mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.625 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

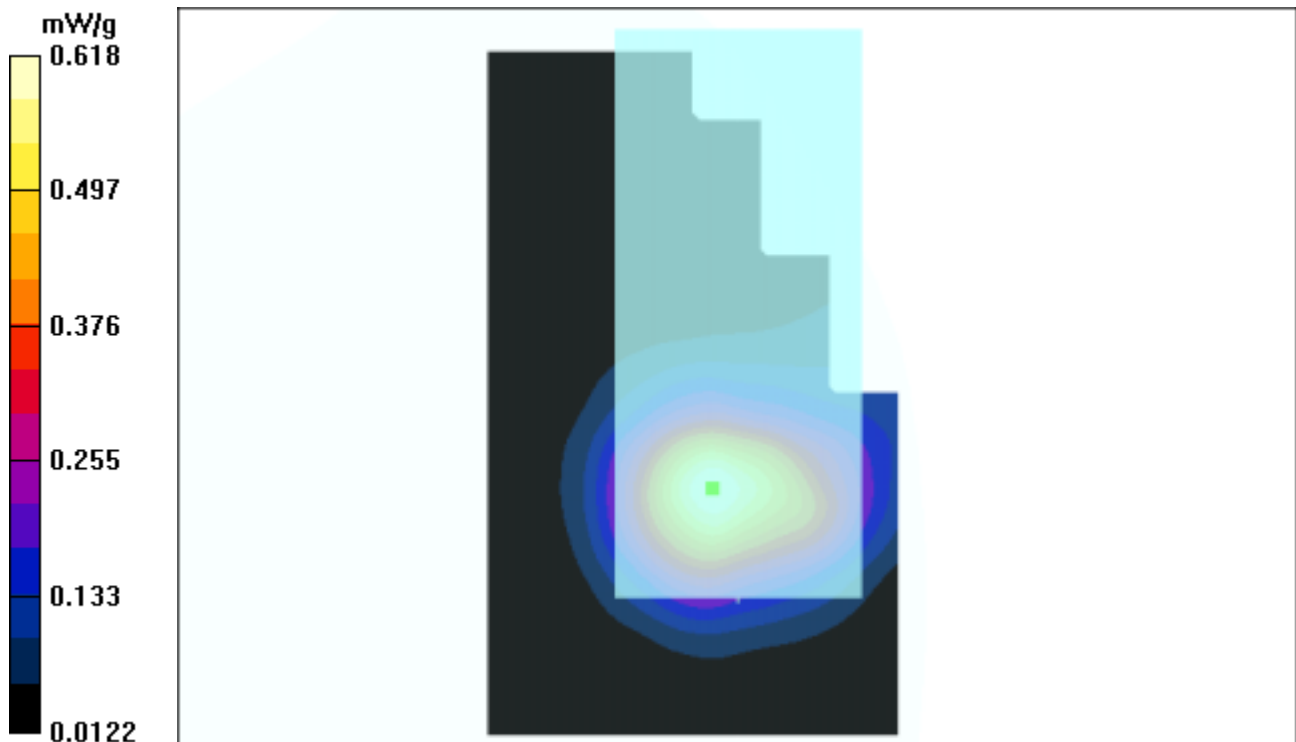
Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.565 mW/g; SAR(10 g) = 0.323 mW/g

Reference Value = 11.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.618 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Front Mode 12

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 5mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.9 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.625 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

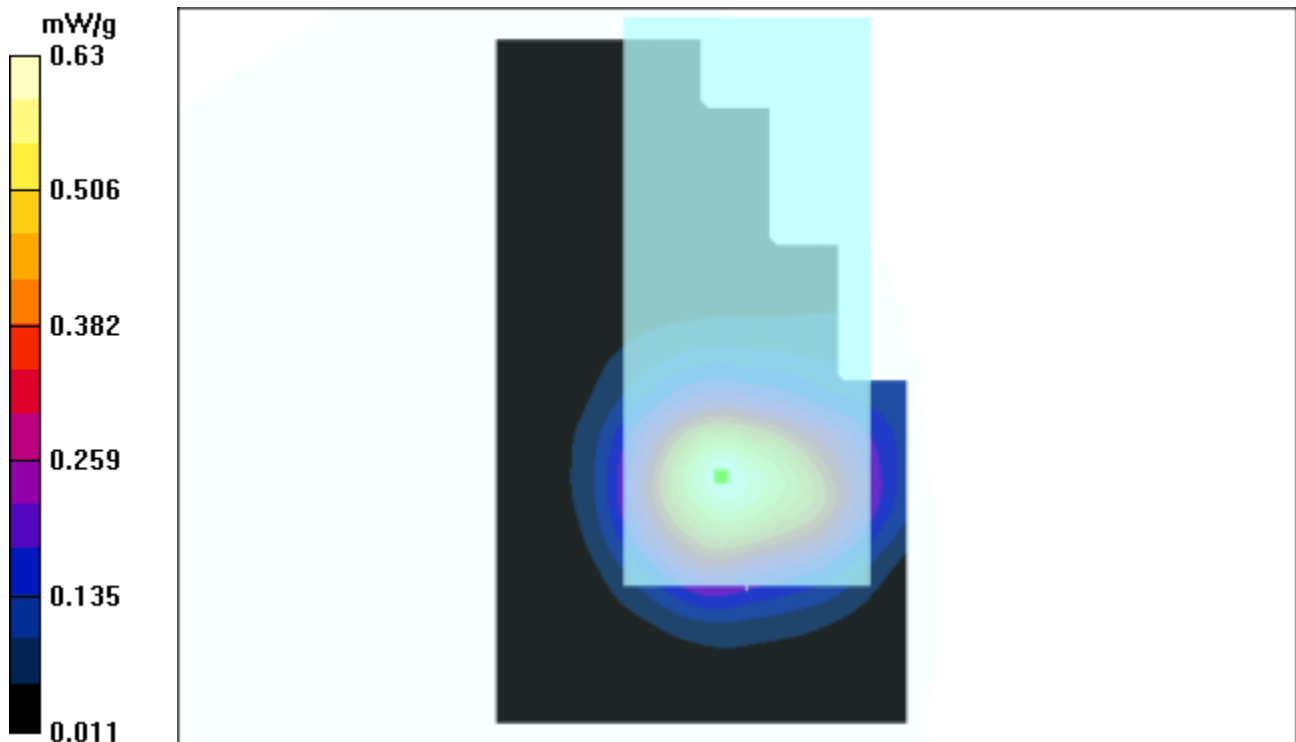
Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.325 mW/g

Reference Value = 11.9 V/m

Power Drift = -0.05 dB

Maximum value of SAR = 0.63 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell C600 Front Mode 12

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 5mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 10.9 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.489 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

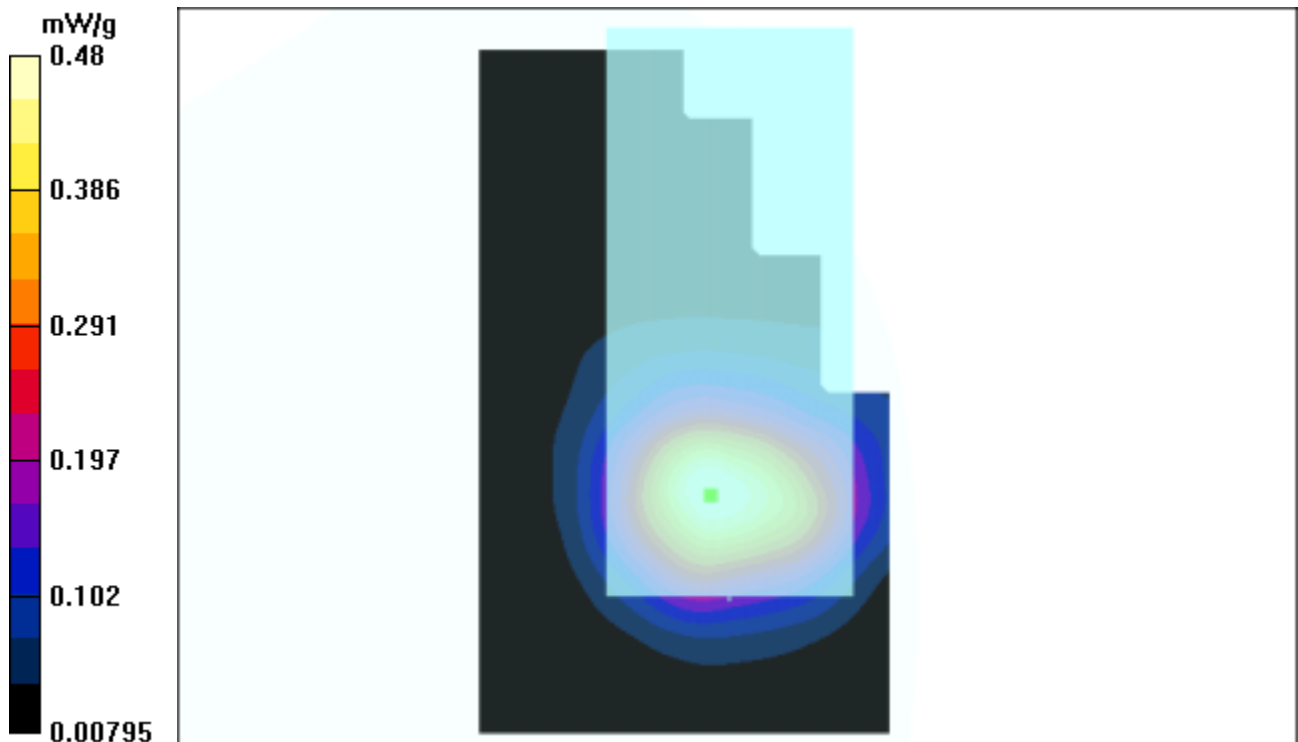
Peak SAR (extrapolated) = 0.743 W/kg

SAR(1 g) = 0.445 mW/g; SAR(10 g) = 0.255 mW/g

Reference Value = 10.9 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.48 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Bottom Mode 13

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 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.58 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.161 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

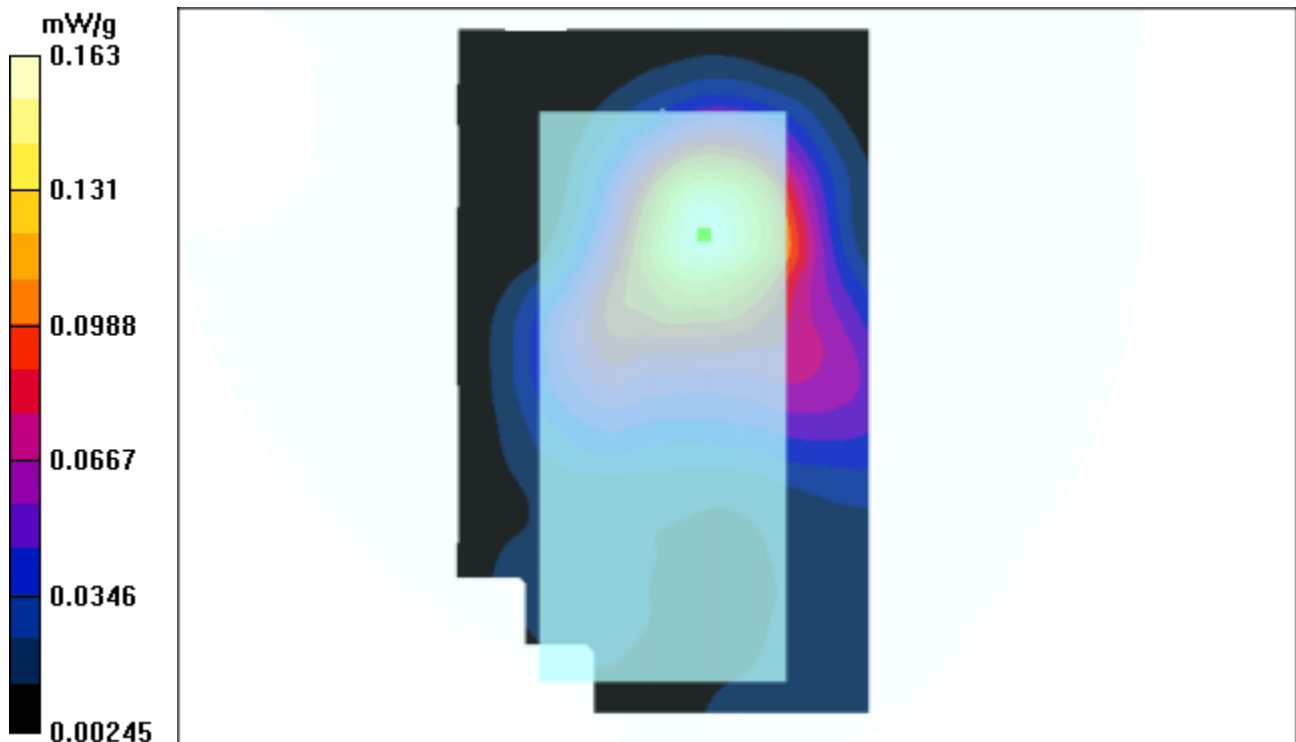
Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.09 mW/g

Reference Value = 4.58 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.163 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Bottom Mode 13

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 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.98 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.172 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

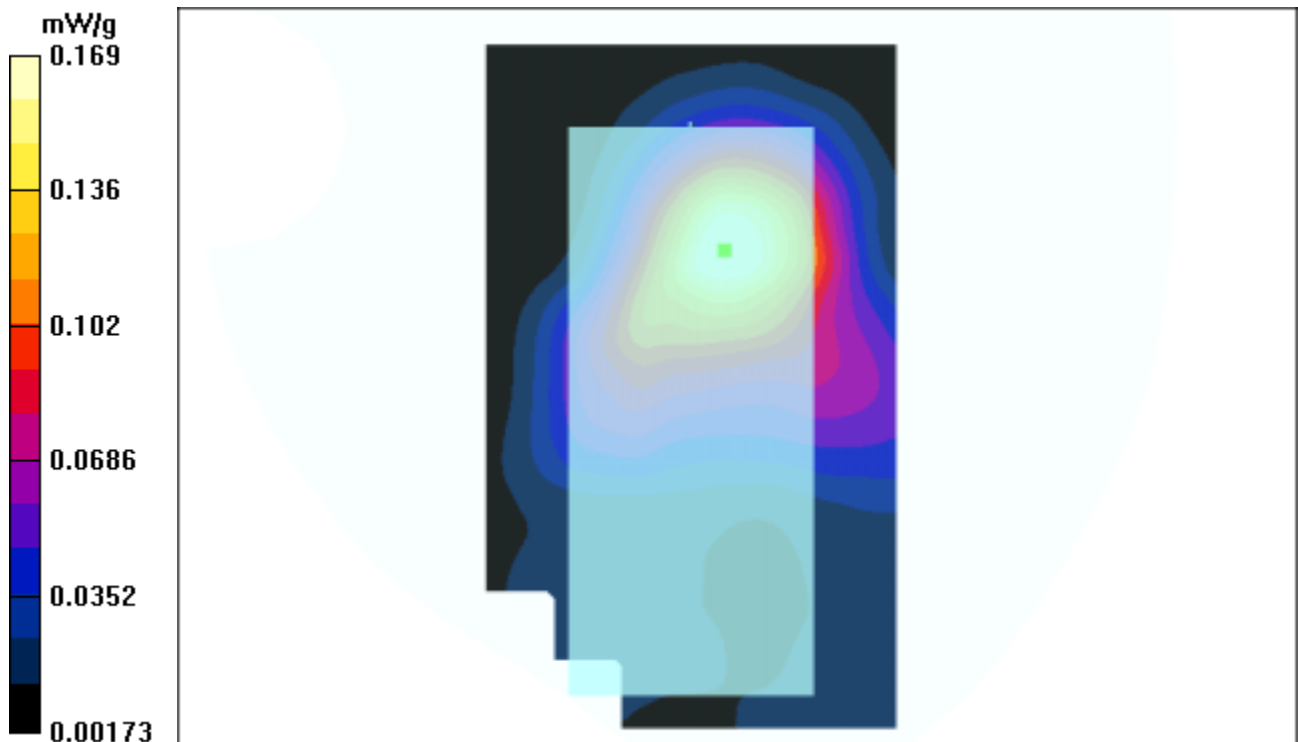
Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.0932 mW/g

Reference Value = 4.98 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 0.169 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Bottom Mode 13

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 ($\sigma = 2.012$ mho/m, $\epsilon_r = 51.7742$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.46 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.171 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

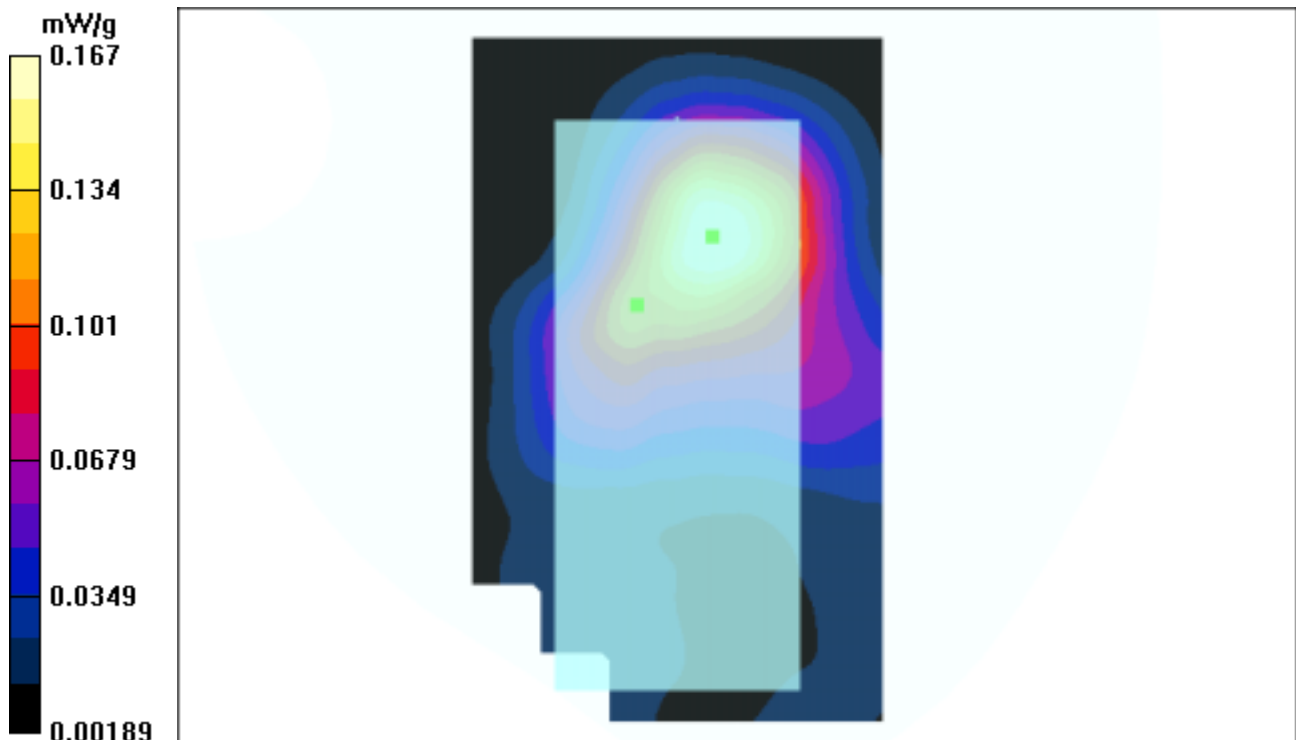
Peak SAR (extrapolated) = 0.315 W/kg

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.0917 mW/g

Reference Value = 5.46 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.167 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Tip Mode 14

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

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 1/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.94 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.143 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

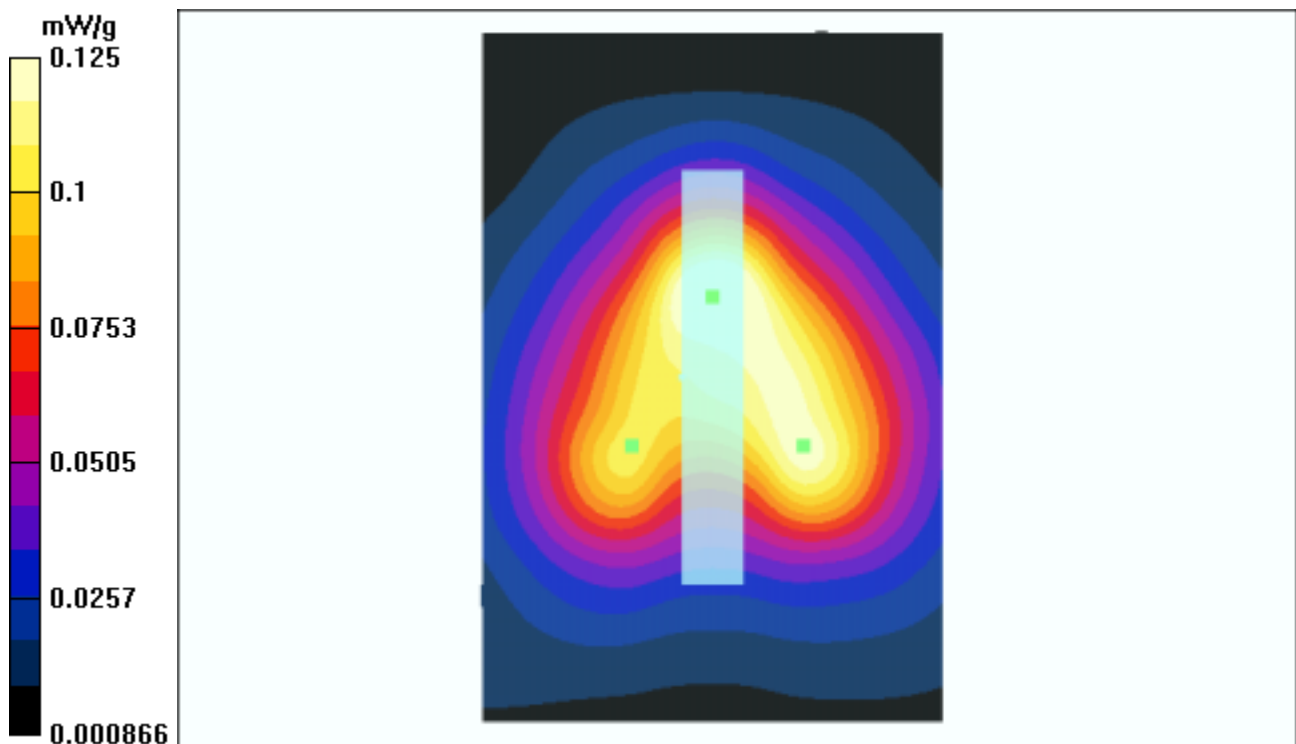
Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.0642 mW/g

Reference Value = 7.94 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.125 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Tip Mode 14

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

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 6/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 8.47 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.173 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

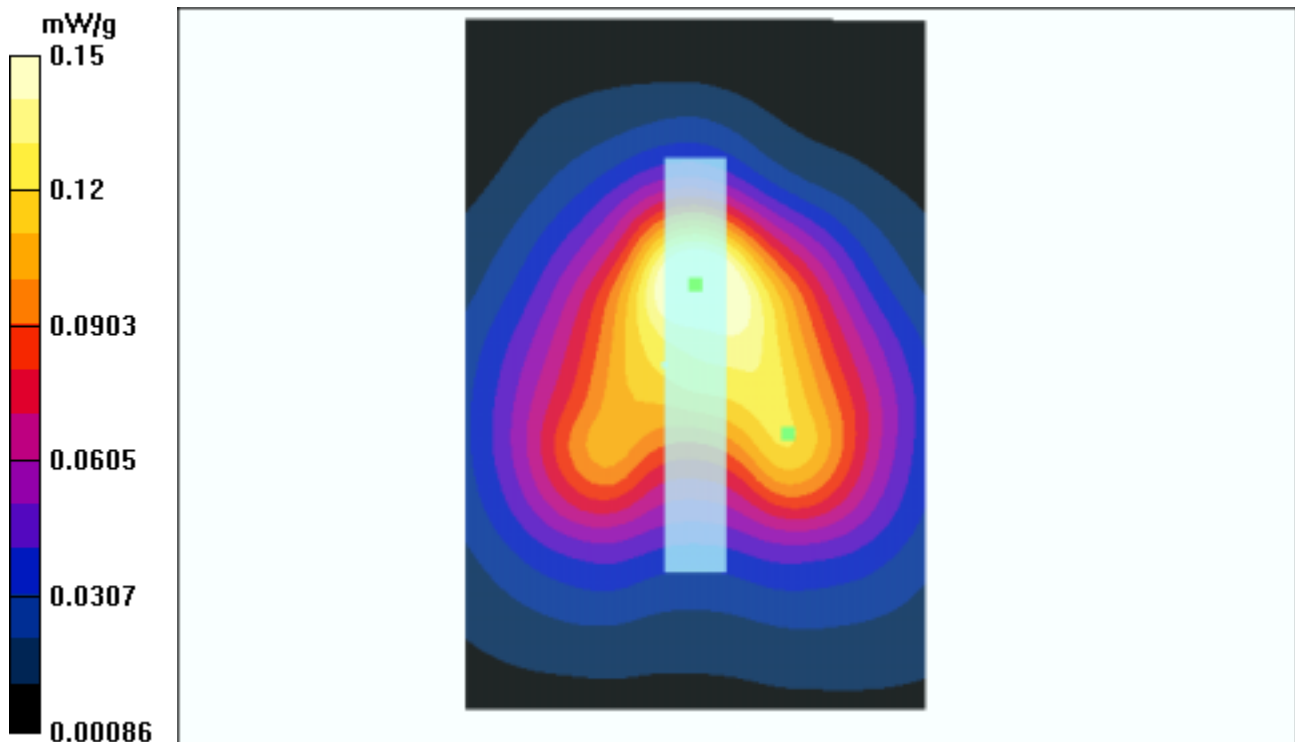
Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.0761 mW/g

Reference Value = 8.47 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.15 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Tip Mode 14

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

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1; Modulation type: CCK
Medium: MSL2450 ($\sigma = 2.012$ mho/m, $\epsilon_r = 51.7742$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150

- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Channel 11/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 9.42 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.217 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

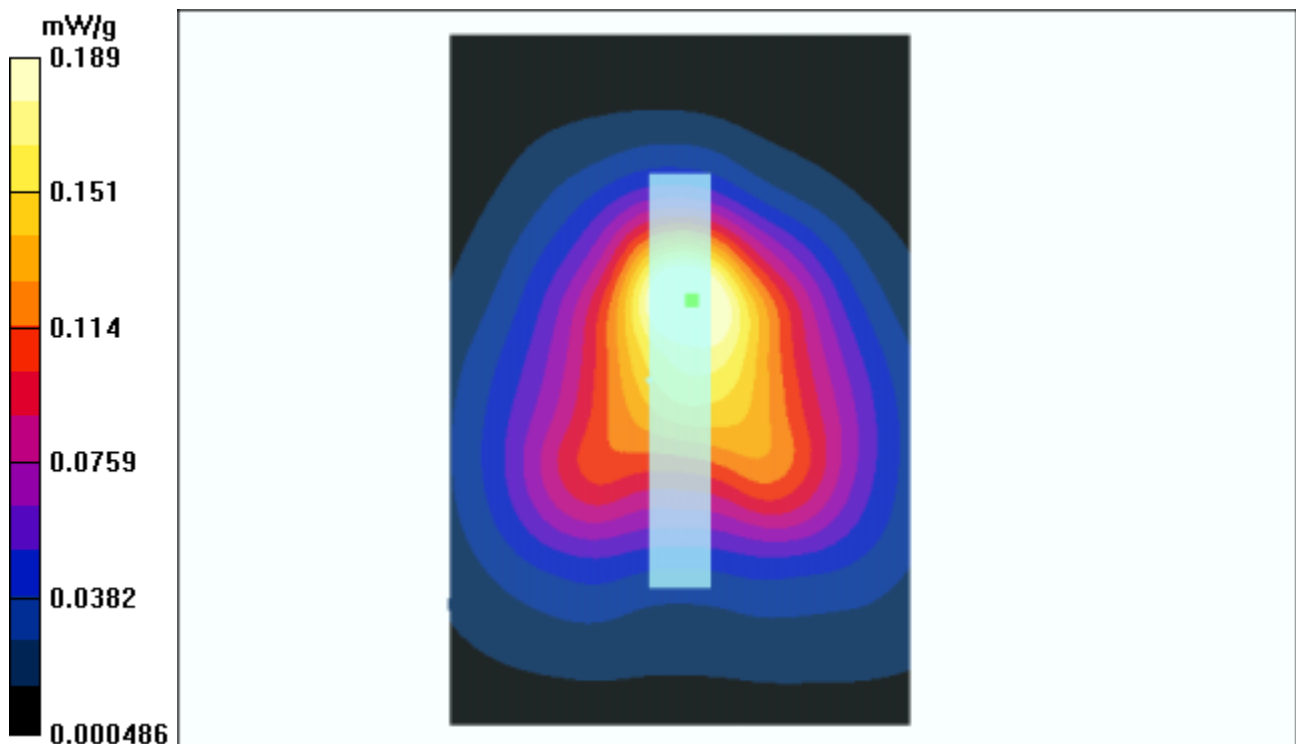
Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.18 mW/g; SAR(10 g) = 0.09 mW/g

Reference Value = 9.42 V/m

Power Drift = -0.06 dB

Maximum value of SAR = 0.189 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 15

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 ($\sigma = 1.968$ mho/m, $\epsilon_r = 52.0218$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.248 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

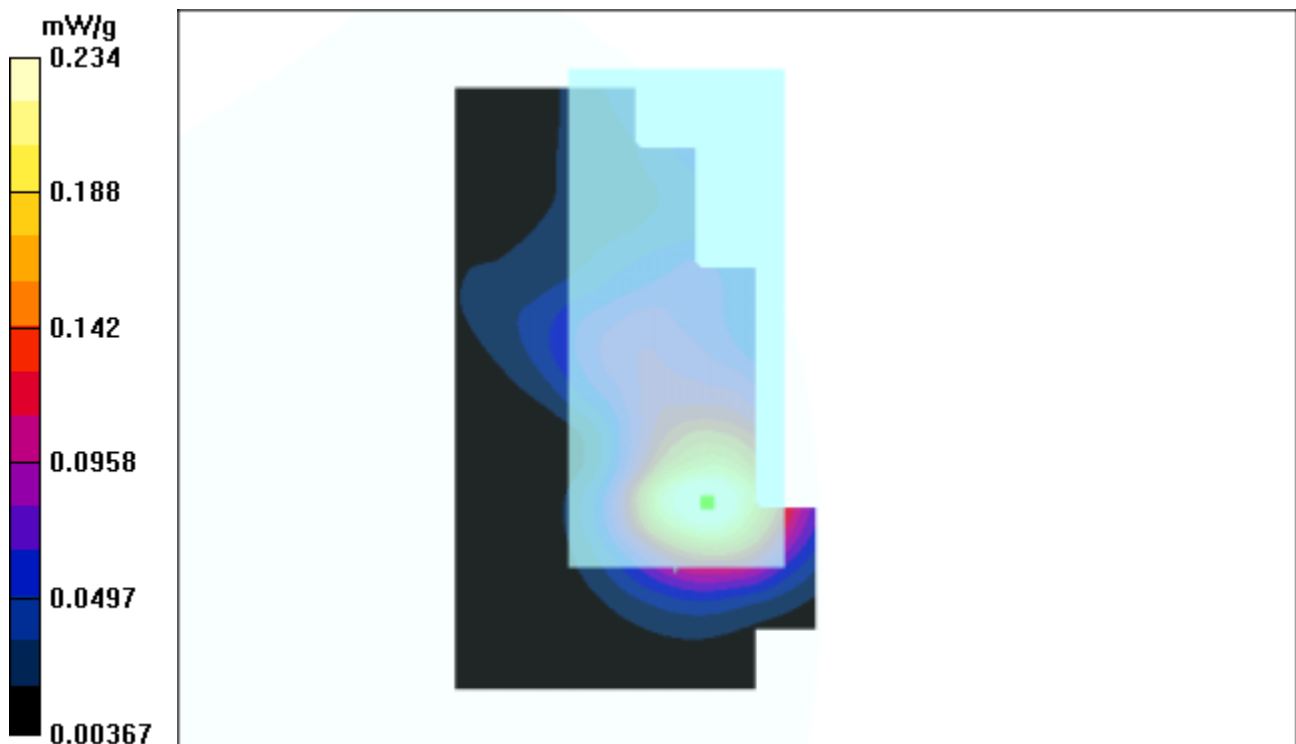
Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.119 mW/g

Reference Value = 7.5 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.234 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 15

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 ($\sigma = 1.973$ mho/m, $\epsilon_r = 51.7897$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.259 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

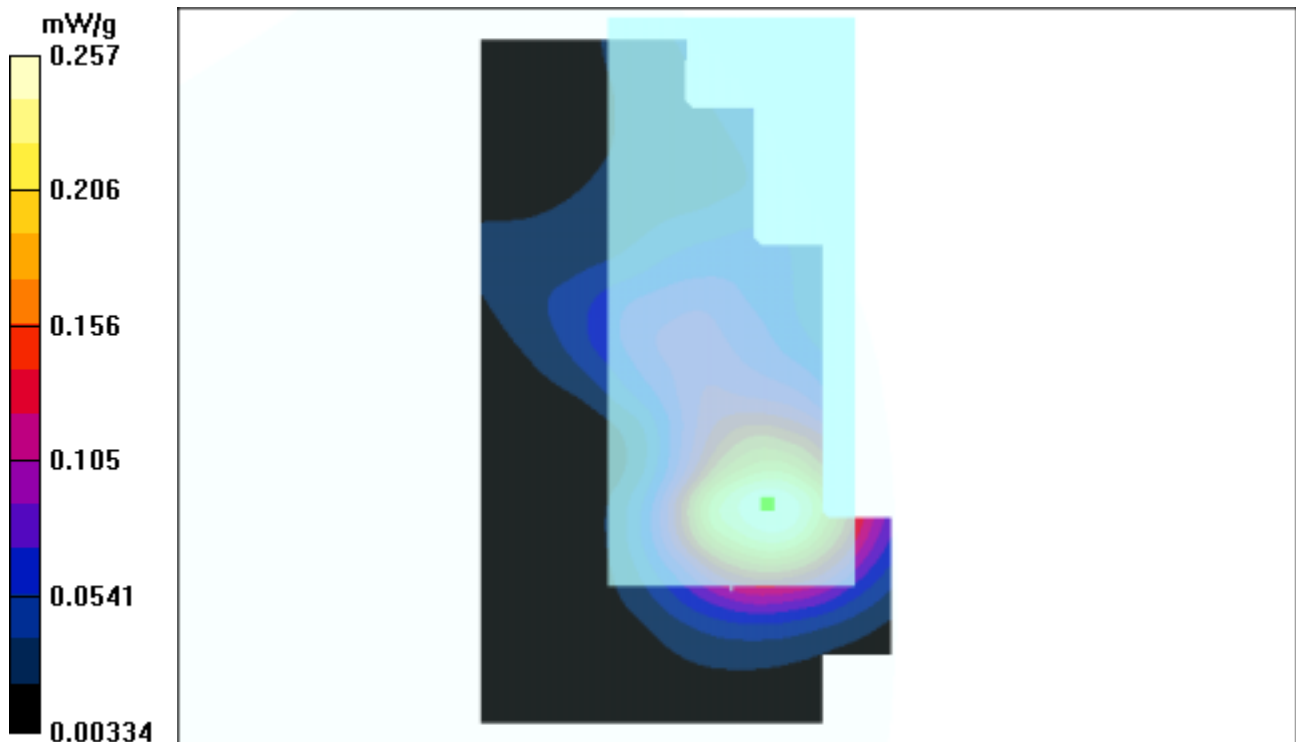
Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.24 mW/g; SAR(10 g) = 0.131 mW/g

Reference Value = 7.9 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.257 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 15

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 ($\sigma = 2.012 \text{ mho/m}$, $\epsilon_r = 51.7742$, $\rho = 1000 \text{ kg/m}^3$) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 7.76 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.253 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

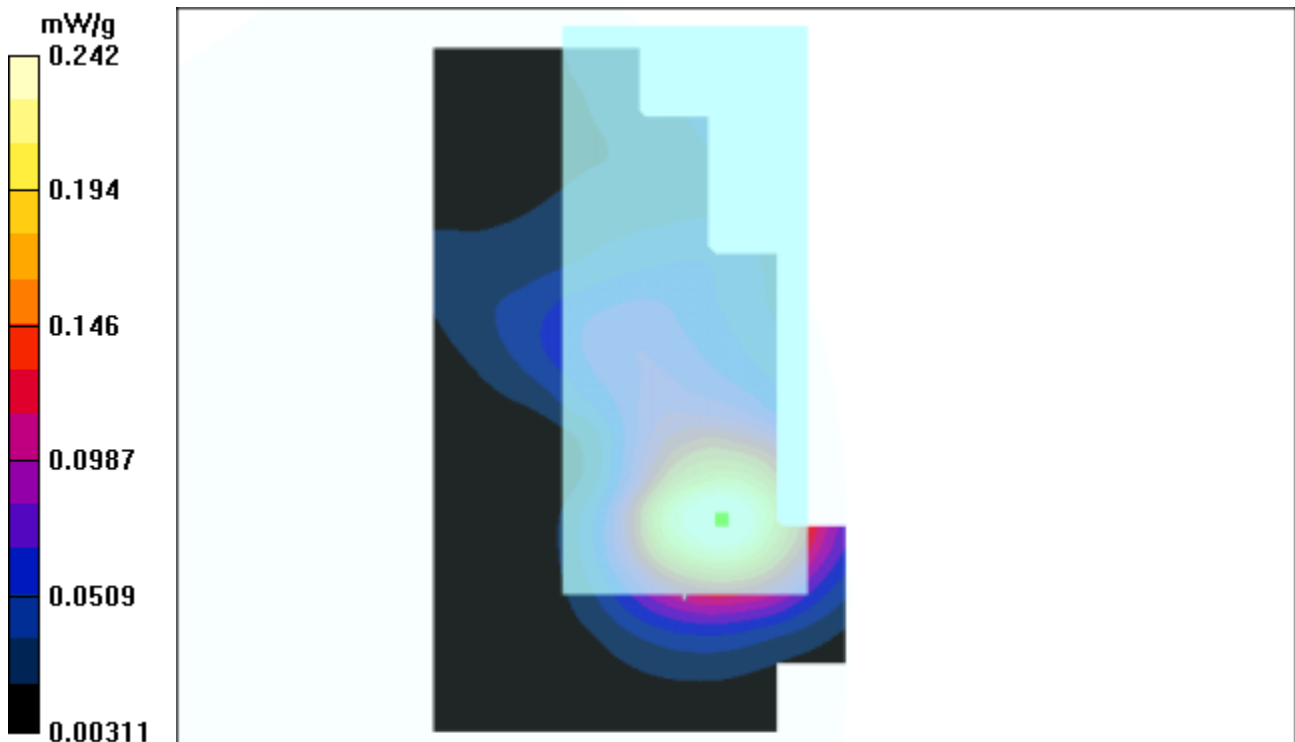
Peak SAR (extrapolated) = 0.442 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.127 mW/g

Reference Value = 7.76 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.242 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Bottom Mode 16

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 512/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.665 mW/g

Channel 512/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

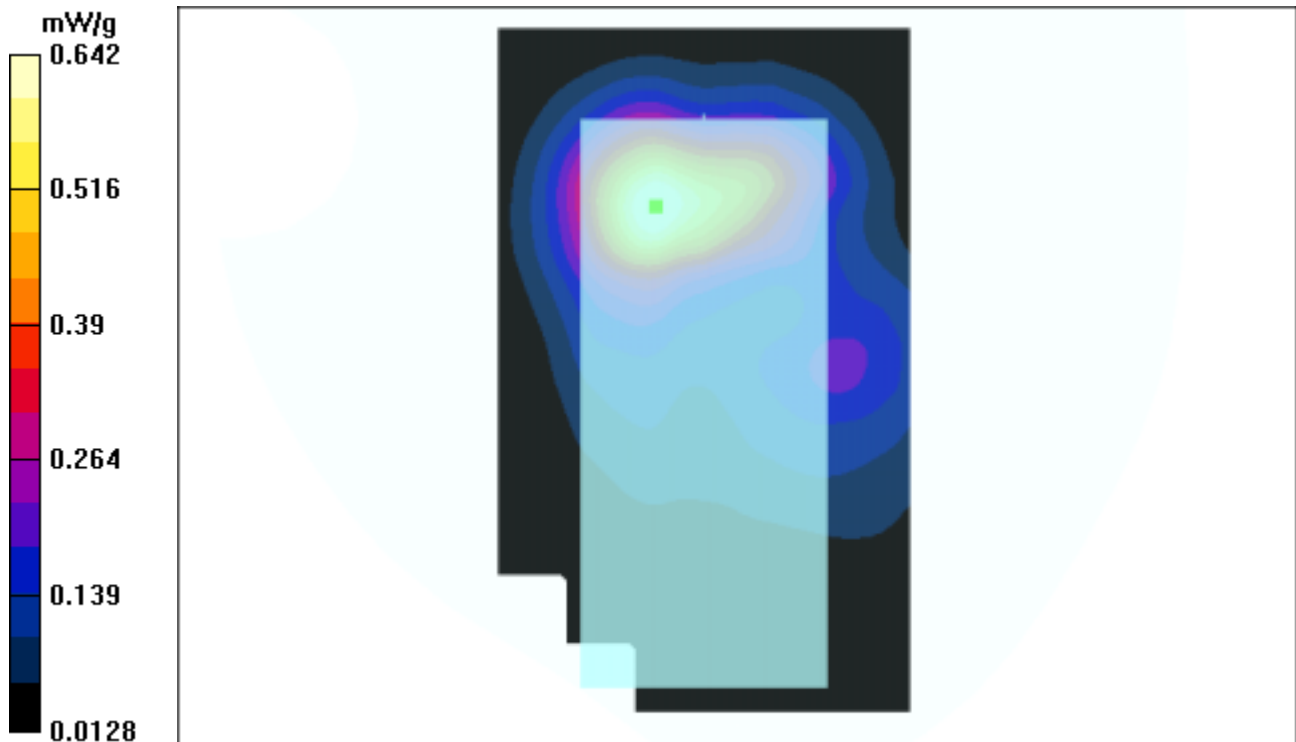
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.329 mW/g

Reference Value = 12.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.642 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Bottom Mode 16

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 661/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 12.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.673 mW/g

Channel 661/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

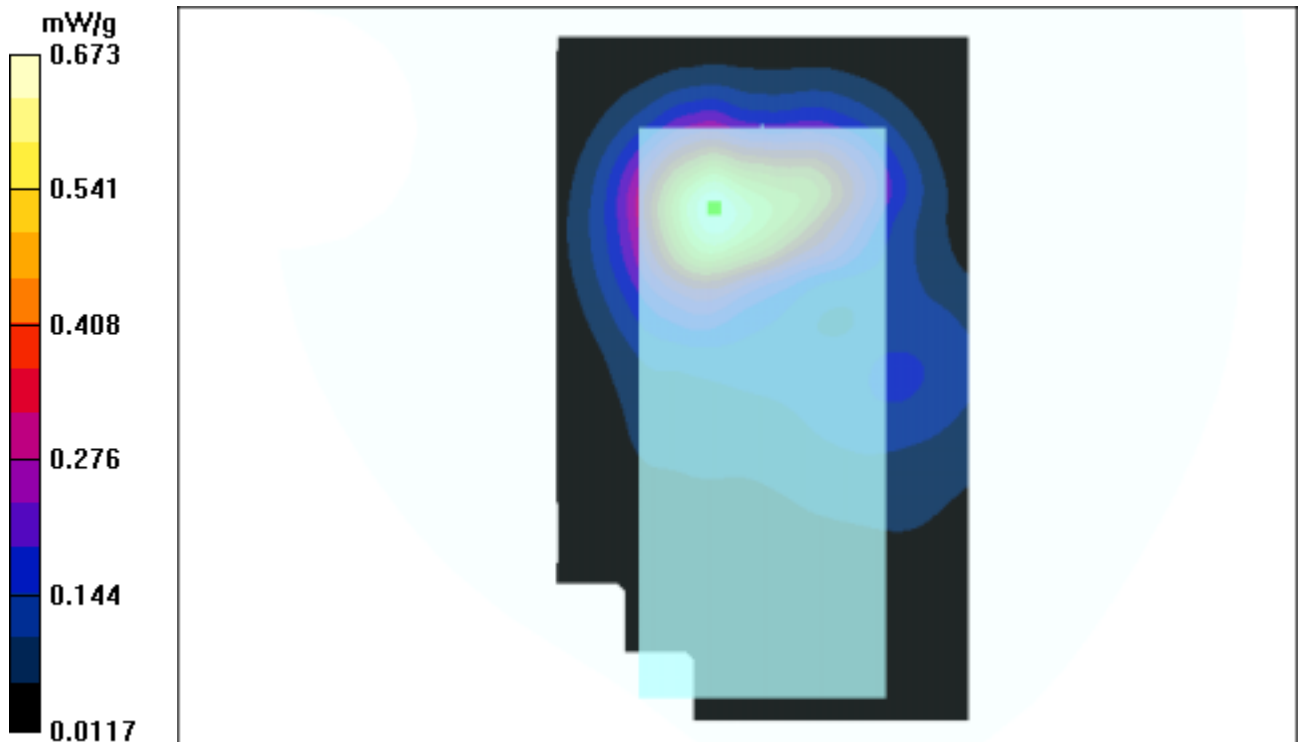
Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.623 mW/g; SAR(10 g) = 0.349 mW/g

Reference Value = 12.6 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.673 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Bottom Mode 16

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 11mm(The bottom side of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 810/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.556 mW/g

Channel 810/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

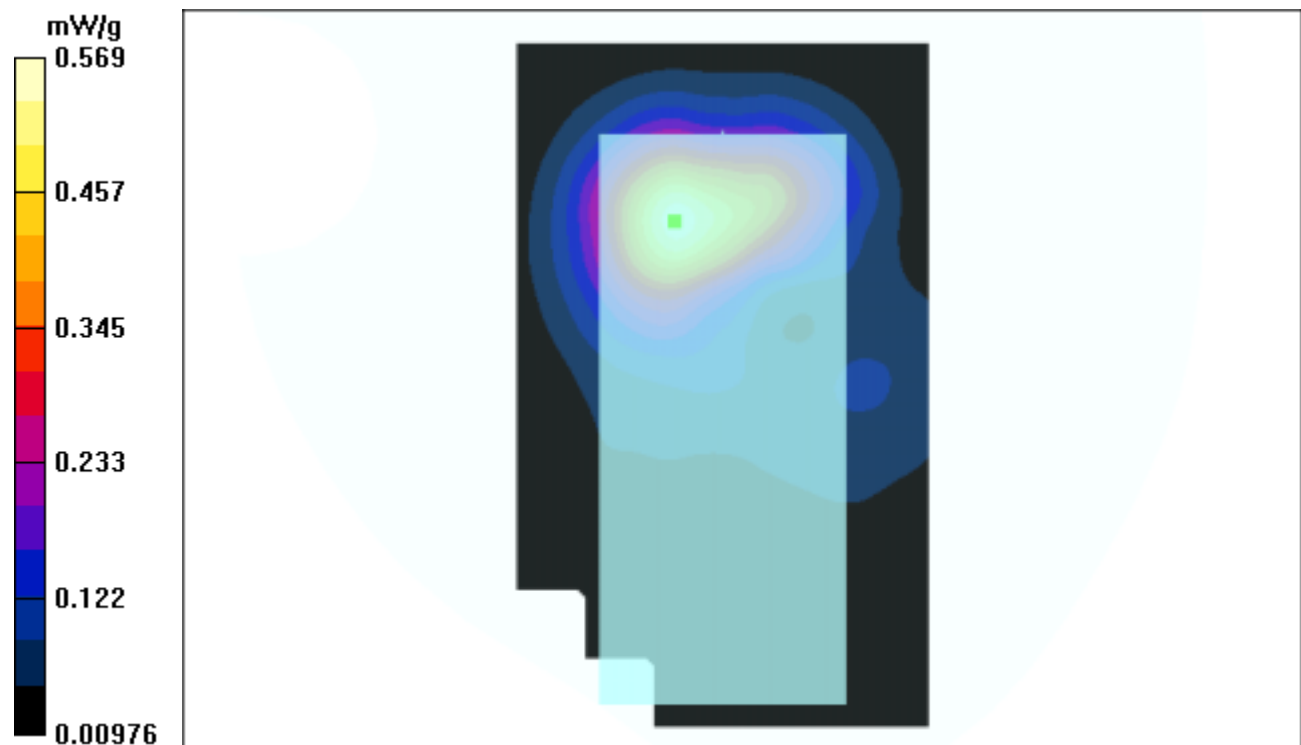
Peak SAR (extrapolated) = 0.874 W/kg

SAR(1 g) = 0.518 mW/g; SAR(10 g) = 0.287 mW/g

Reference Value = 11.7 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.569 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Tip Mode 17

DUT: Wireless LAN PCMCIA adapter ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 512/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.3 V/m

Power Drift = -0.3 dB

Maximum value of SAR = 0.236 mW/g

Channel 512/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

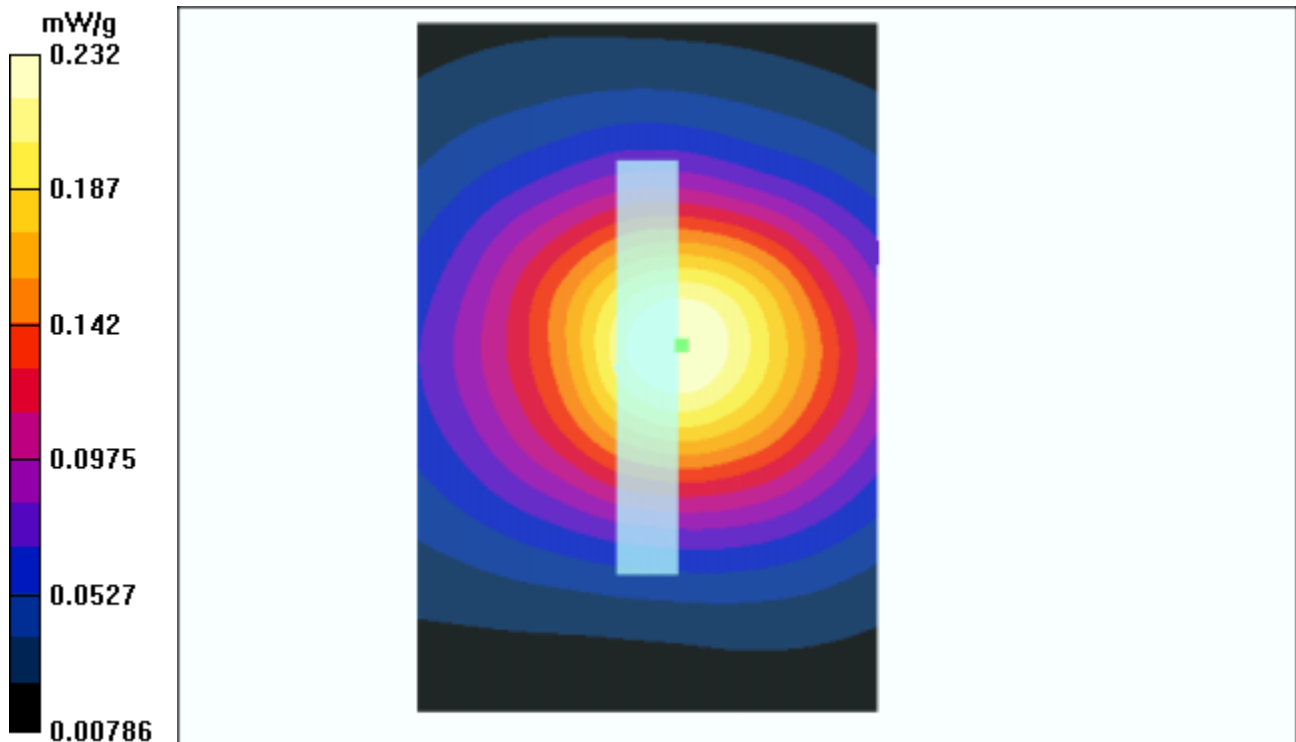
Peak SAR (extrapolated) = 0.329 W/kg

SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.129 mW/g

Reference Value = 13.3 V/m

Power Drift = -0.3 dB

Maximum value of SAR = 0.232 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Tip Mode 17

DUT: Wireless LAN PCMCIA adapter ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 661/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 13.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.258 mW/g

Channel 661/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

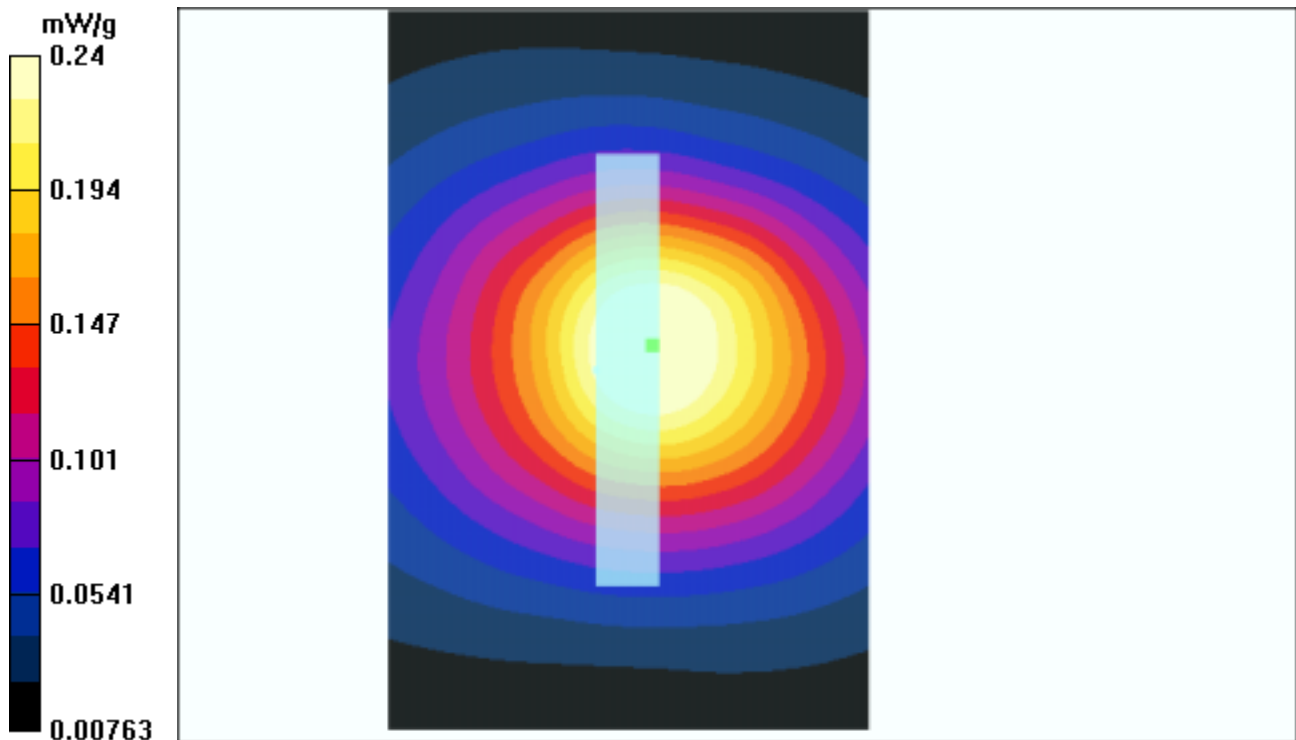
Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.226 mW/g; SAR(10 g) = 0.135 mW/g

Reference Value = 13.2 V/m

Power Drift = -0.2 dB

Maximum value of SAR = 0.24 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Tip Mode 17

DUT: Wireless LAN PCMCIA adapter ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

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

Antenna type : Internal Antenna ; Air temp. : 23 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 810/Area Scan (41x61x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 11.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.203 mW/g

Channel 810/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

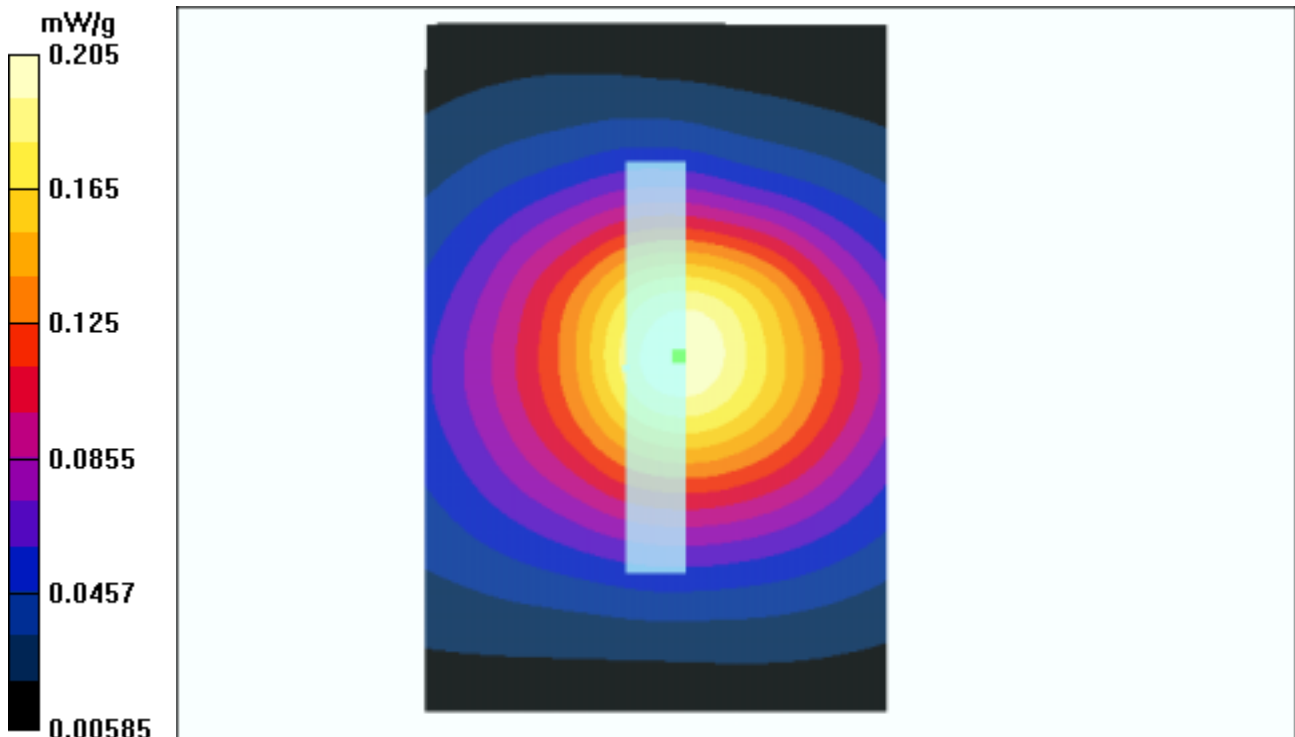
Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.19 mW/g; SAR(10 g) = 0.11 mW/g

Reference Value = 11.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 0.205 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 18

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1850.2 MHz

Communication System: PCS 1900 ; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.523$ mho/m, $\epsilon_r = 52.5737$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 15.4 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 1.17 mW/g

Channel 1/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

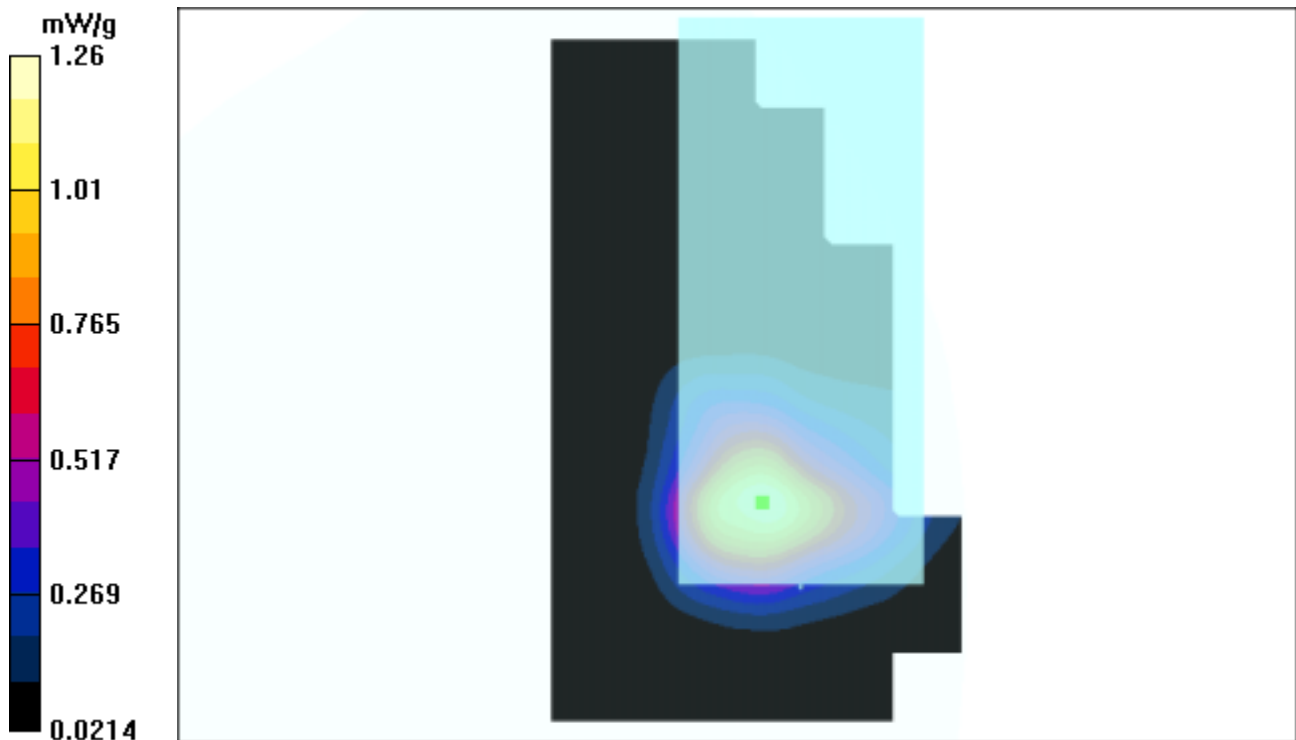
Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.47 mW/g; SAR(10 g) = 0.205 mW/g

Reference Value = 15.4 V/m

Power Drift = -0.09 dB

Maximum value of SAR = 1.26 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 18

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 16.1 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.2 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

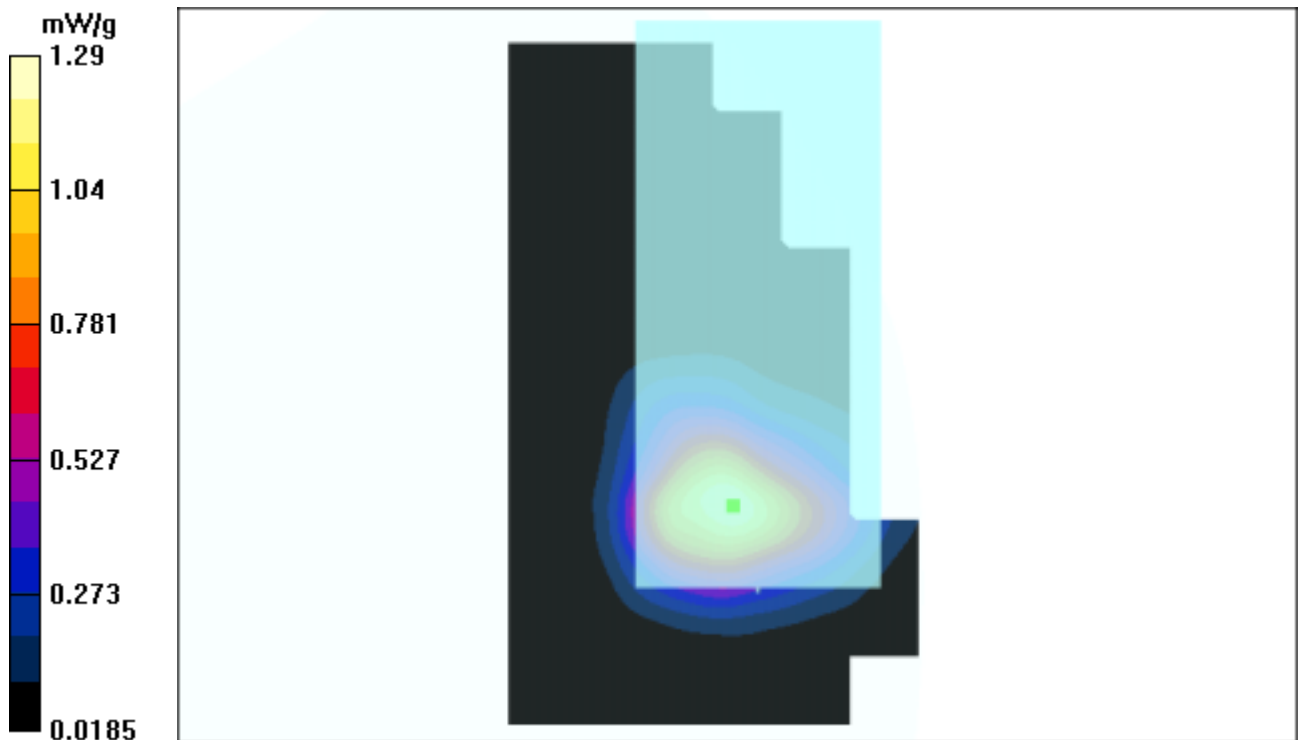
Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.39 mW/g; SAR(10 g) = 0.125 mW/g

Reference Value = 16.1 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.29 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 18

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1909.8 MHz

Communication System: PCS 1900 ; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.593$ mho/m, $\epsilon_r = 52.1686$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 14.9 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.942 mW/g

Channel 11/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

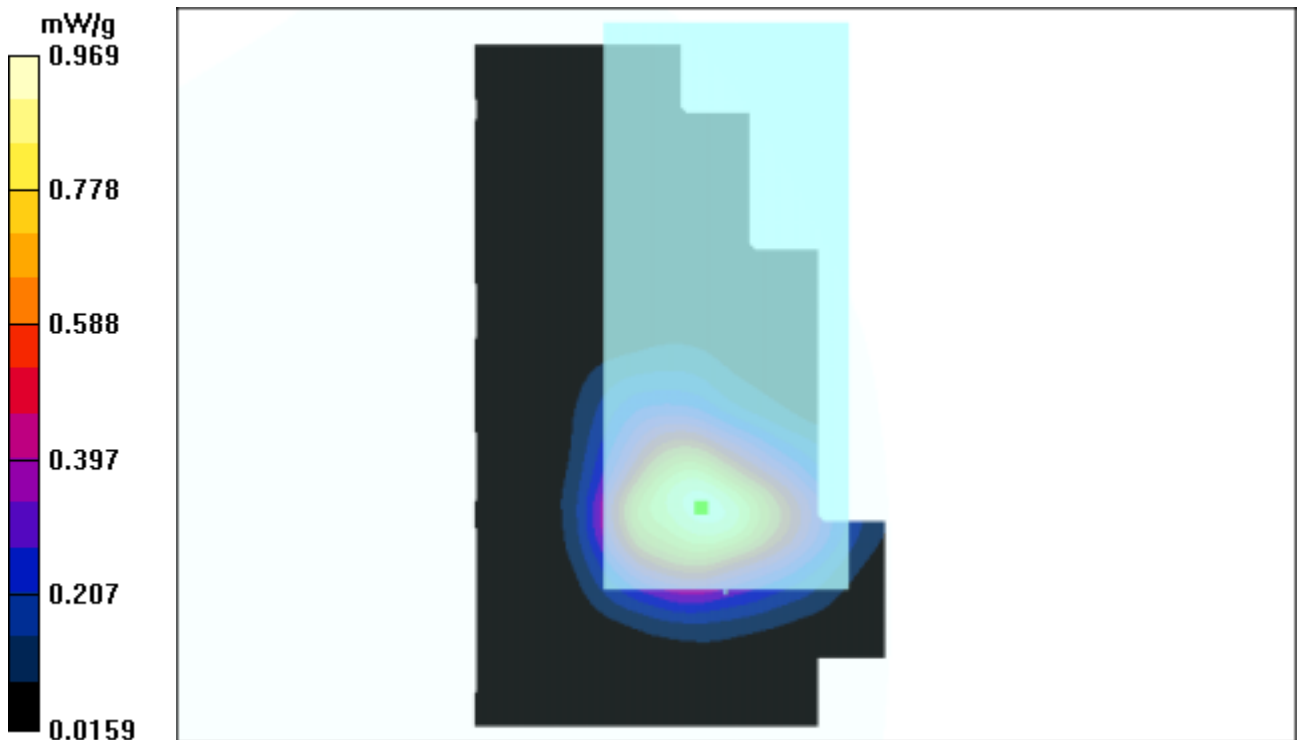
Peak SAR (extrapolated) = 0.91 W/kg

SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.187 mW/g

Reference Value = 14.9 V/m

Power Drift = -0.009 dB

Maximum value of SAR = 0.969 mW/g



Test Laboratory: Advance Data Technology

BENQ 56W10 Dell INSPIRON 3800 Front Mode 18

DUT: Wireless LAN PCMCIA Card ; Type: 56W10 ; Test Channel Frequency: 1880 MHz

Communication System: PCS 1900 ; Frequency: 1880 MHz; Duty Cycle: 1:8.3; Modulation type: GMSK

Medium: MSL1900 ($\sigma = 1.556$ mho/m, $\epsilon_r = 52.415$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm

Phantom section: Flat Section ; Separation distance : 7mm(The Front of the EUT to the Phantom)

Antenna type : Internal Antenna ; Air temp. : 23.0 degrees ; Liquid temp. : 22.0degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn510; Calibrated: 6/2/2003

- 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 (61x101x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 16.1 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.2 mW/g

Channel 6/Zoon Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

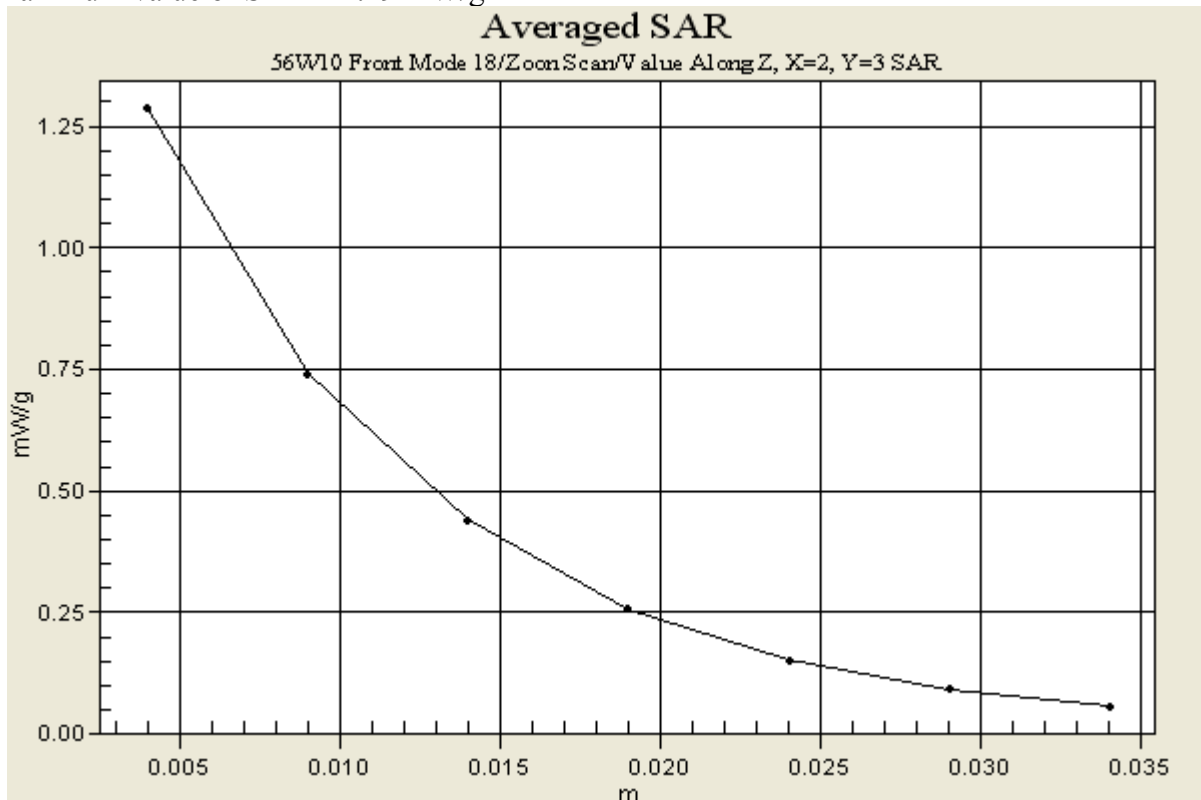
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.625 mW/g

Reference Value = 16.1 V/m

Power Drift = -0.07 dB

Maximum value of SAR = 1.29 mW/g



Test Laboratory: Advance Data Technology

SystemPerformanceCheck-Body MSL 2450-2004-04-07

DUT: Dipole 2450 MHz ; Type: D2450V2

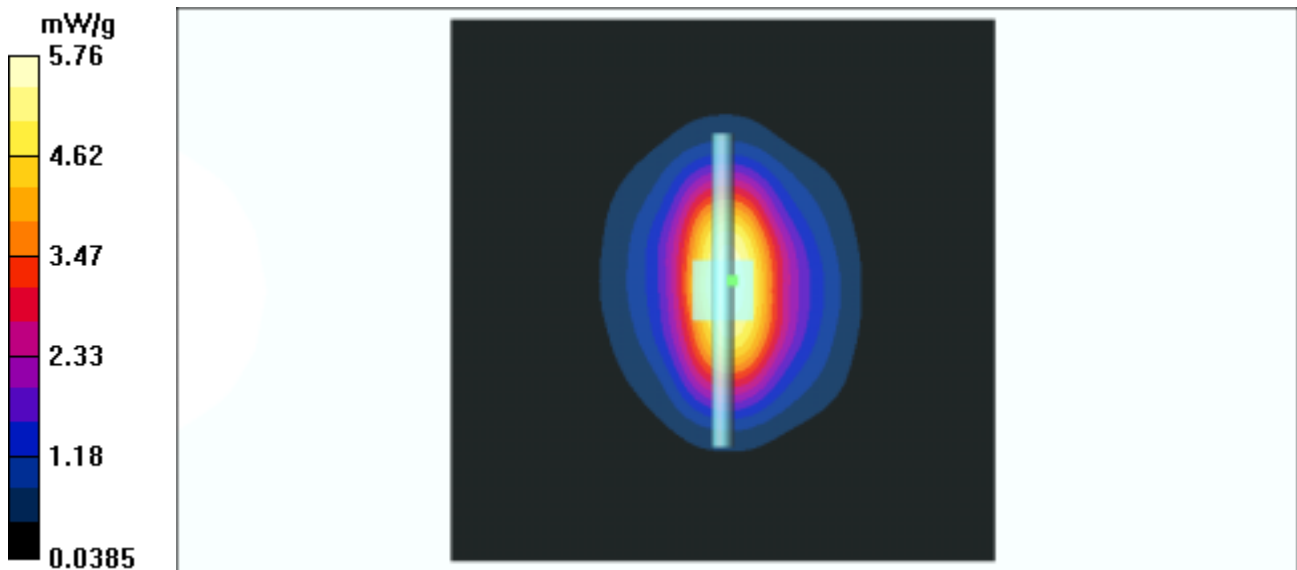
Communication System: CW ; Frequency: 2450 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL2450 ($\sigma = 1.992$ mho/m, $\epsilon_r = 51.78$, $\rho = 1000$ kg/m³) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10mm(The feetpoint of the dipole to the Phantom)
Air temp. : 23.0 degrees ; Liquid temp. : 22 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.6, 4.6, 4.6); Calibrated: 11/24/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 56.3 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 5.68 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 5.31 mW/g; SAR(10 g) = 2.47 mW/g
Reference Value = 56.3 V/m
Power Drift = -0.04 dB
Maximum value of SAR = 5.76 mW/g



Test Laboratory: Advance Data Technology

SystemPerformanceCheck MSL 1900-2004-04-08

DUT: Dipole 1900 MHz ; Type: D1900V2

Communication System: CW ; Frequency: 1900 MHz; Duty Cycle: 1:1; Modulation type: CW
Medium: MSL1900 ($\sigma = 1.58 \text{ mho/m}$, $\epsilon_r = 52.2447$, $\rho = 1000 \text{ kg/m}^3$) ; Liquid level : 155mm
Phantom section: Flat Section ; Separation distance : 10mm(The feetpoint of the dipole to the Phantom)
Air temp. : 22.0 degrees ; Liquid temp. : 21 degrees

DASY4 Configuration:

- Probe: ET3DV6 - SN1687; ConvF(4.9, 4.9, 4.9); Calibrated: 11/24/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn510;
- Phantom: SAM Twin Phantom V4.0; Type: QD 000 P40 CA; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

d=10mm, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 56 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 4.41 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Peak SAR (extrapolated) = 6.96 W/kg
SAR(1 g) = 3.92 mW/g; SAR(10 g) = 2 mW/g
Reference Value = 56 V/m
Power Drift = -0.2 dB
Maximum value of SAR = 4.36 mW/g

