

Test Laboratory: Compliance Certification Services Inc.
File Name: [2450-Dipole-1.da4](#)

2450-Dipole-1

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728
Program: System Performance Check at 2450MHz

Communication System: CW2450; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL2450 ($\sigma = 1.783 \text{ mho/m}$, $\epsilon_r = 38.57$, $\rho = 1000 \text{ kg/m}^3$)

Air Temperature 25.8 deg C; Liquid Temperature 25.4 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(5.1, 5.1, 5.1); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical And Optical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

Pin=250mW,d=10mm/Area Scan (5x5x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 97.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 15 mW/g

Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 28.6 W/kg

[SAR\(1 g\) = 14.2 mW/g; SAR\(10 g\) = 6.6 mW/g](#)

Reference Value = 97.4 V/m

Power Drift = -0.1 dB

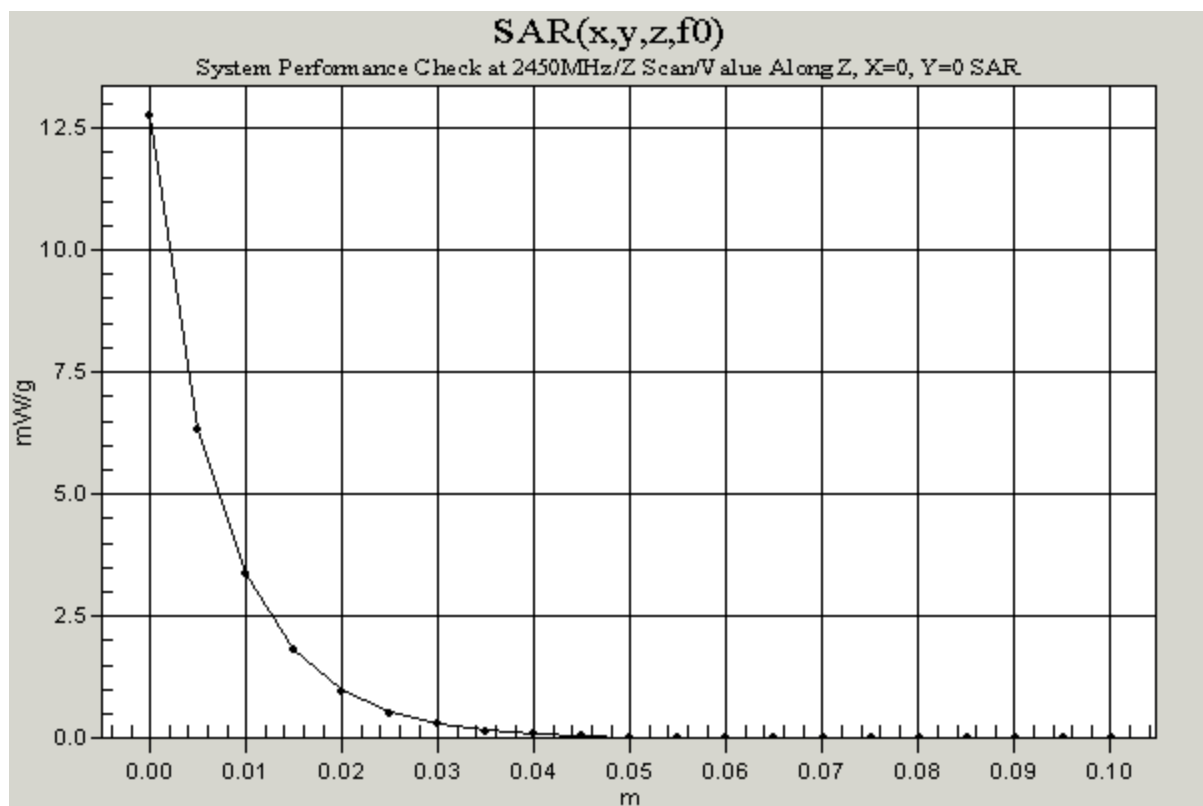
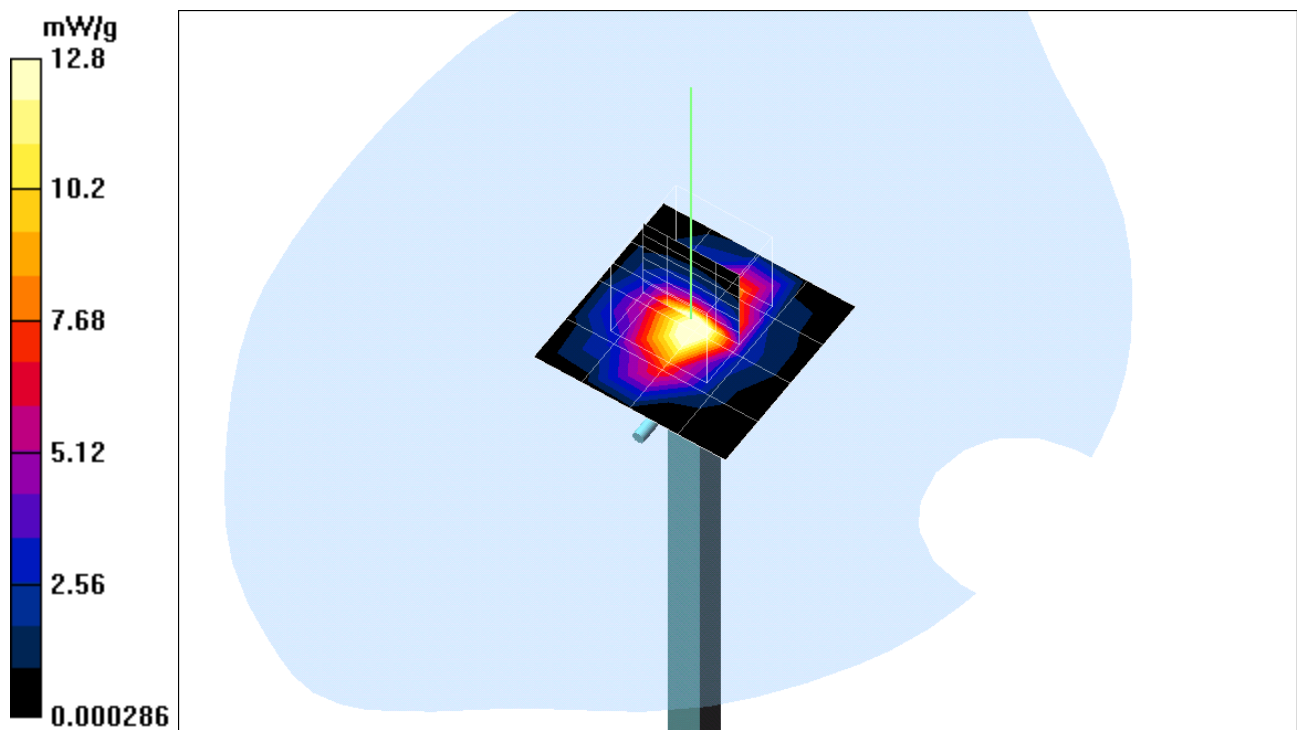
Maximum value of SAR = 15.8 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 97.4 V/m

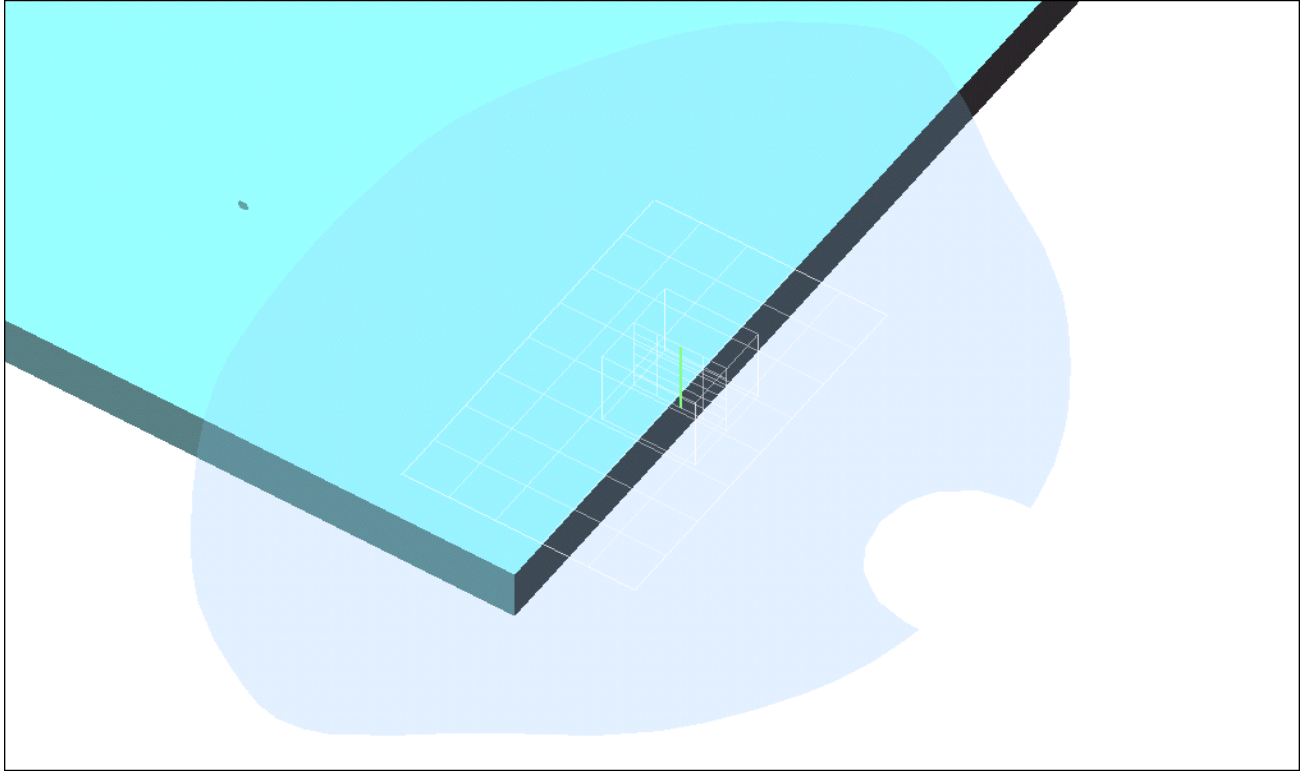
Power Drift = -0.09 dB

Maximum value of SAR = 12.8 mW/g



Test Laboratory: Compliance Certification Services Inc.
File Name: [0mmA2.da4](#)

TEST Configuration 1



Test Laboratory: Compliance Certification Services Inc.
File Name: [0mmA2.da4](#)

0mm A2 CH1 rate=5.5

DUT: NOTEBOOK; Type: CL32(b); Serial: n/a
Program: 0mm

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 ($\sigma = 1.984$ mho/m, $\epsilon_r = 51.166$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

CH 1 rate=5.5/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 4.9 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.0476 mW/g

CH 1 rate=5.5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.0849 W/kg

SAR(1 g) = 0.0457 mW/g; SAR(10 g) = 0.0263 mW/g

Reference Value = 4.9 V/m

Power Drift = 0.05 dB

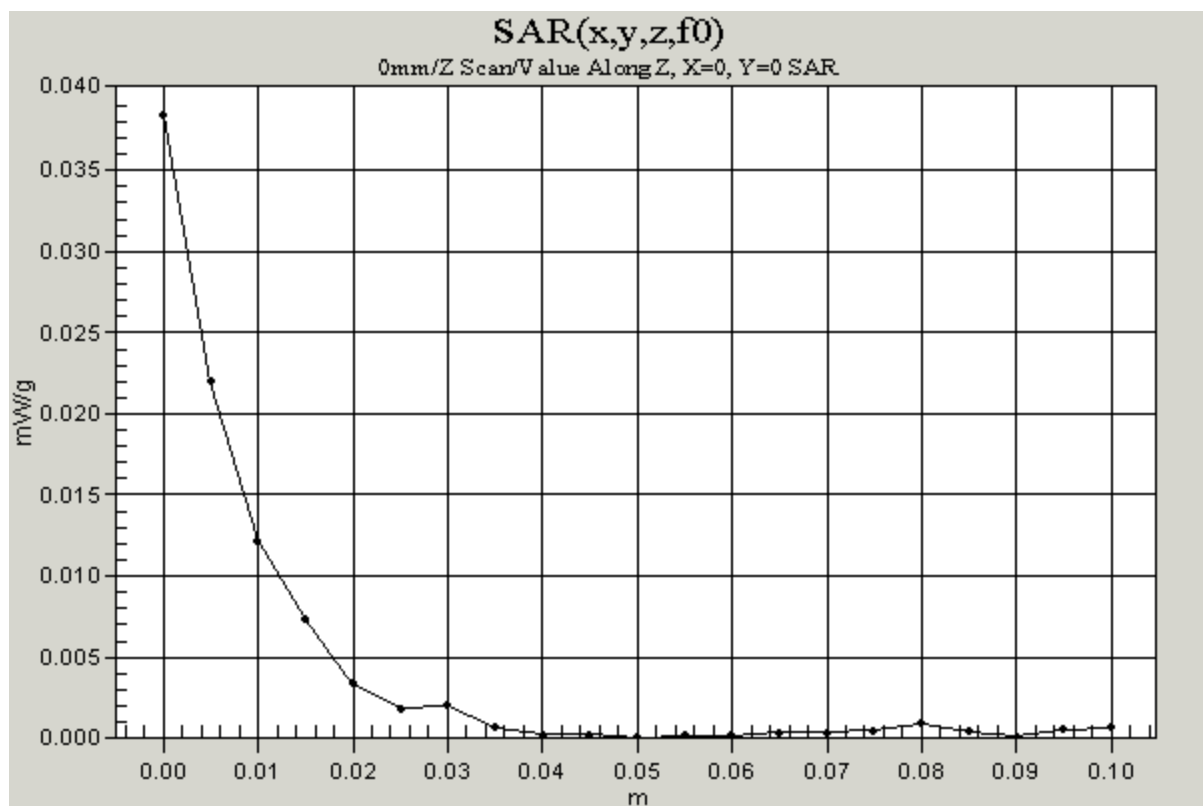
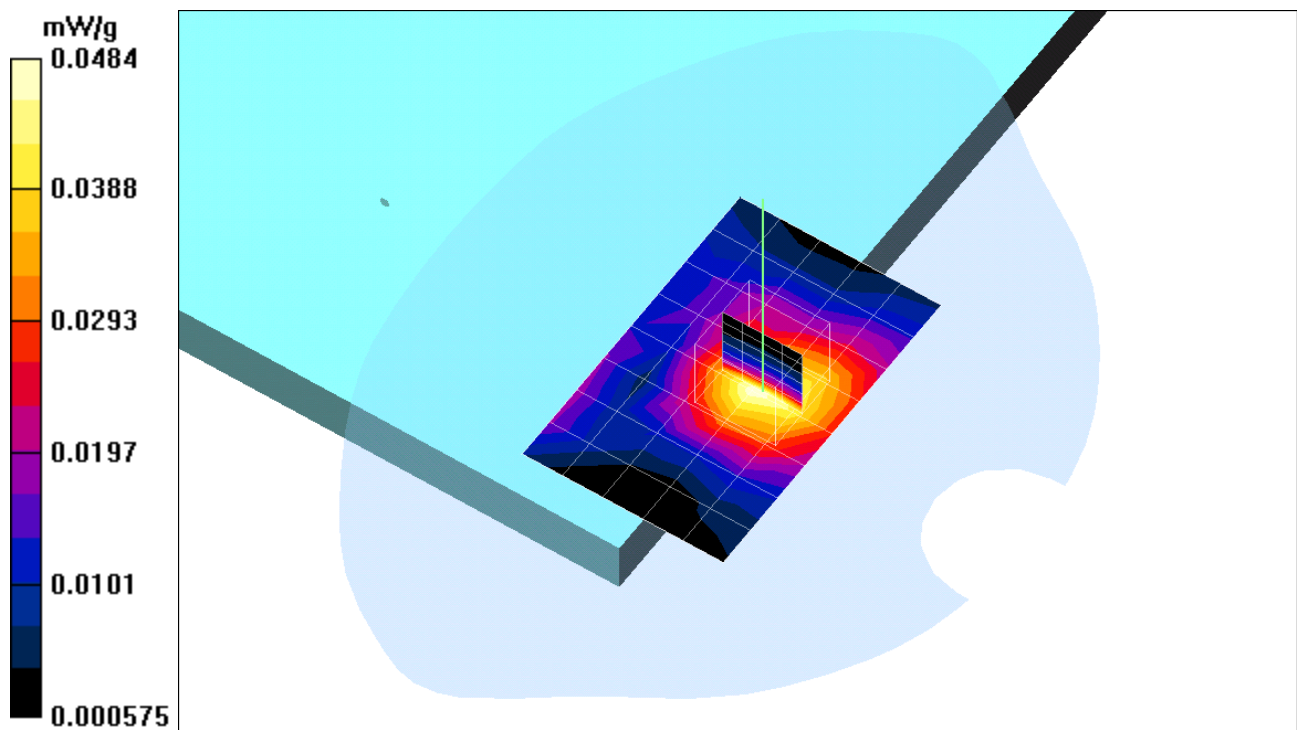
Maximum value of SAR = 0.0484 mW/g

CH 1 rate=5.5/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 4.9 V/m

Power Drift = 0.04 dB

Maximum value of SAR = 0.0384 mW/g



Test Laboratory: Compliance Certification Services Inc.
File Name: [0mmA2.da4](#)

0mmA2 CH6 rate=5.5

DUT: NOTEBOOK; Type: CL32(b); Serial: n/a
Program: 0mm

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1
Medium: HSL2450 ($\sigma = 1.984$ mho/m, $\epsilon_r = 51.166$, $\rho = 1000$ kg/m³)
Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C
Phantom section: Flat Section

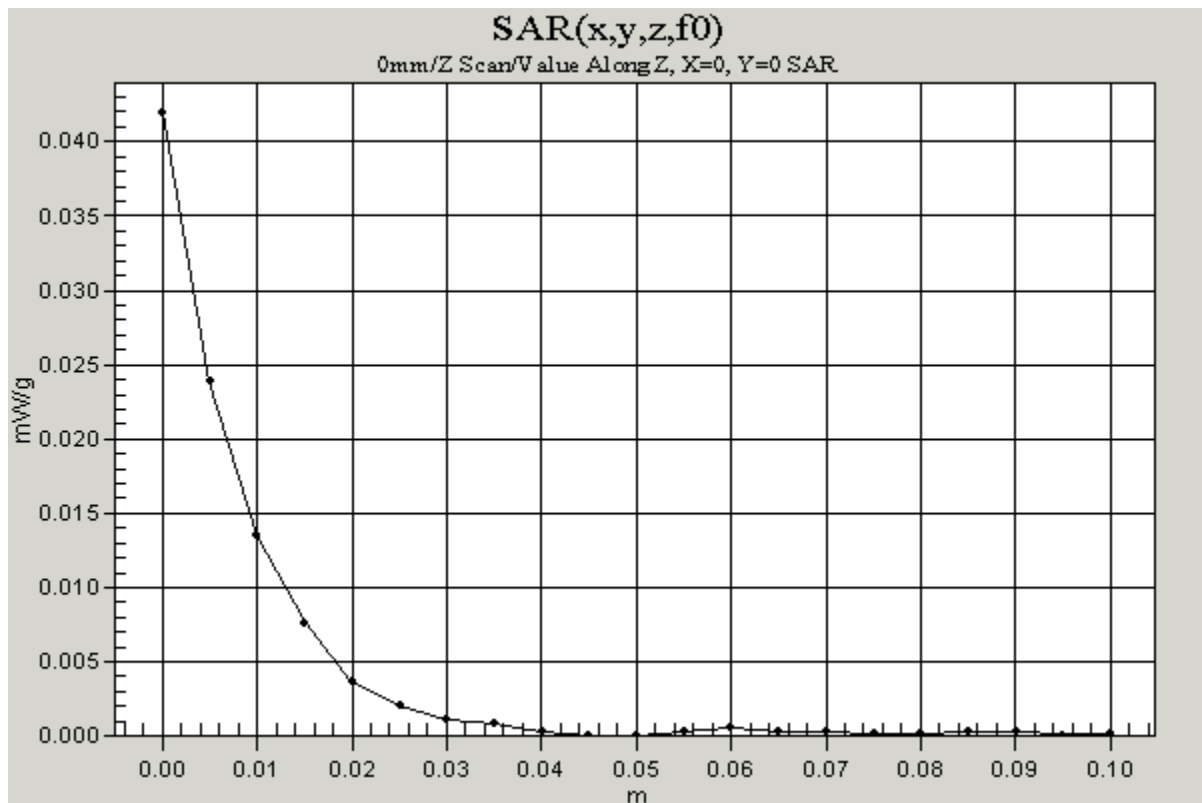
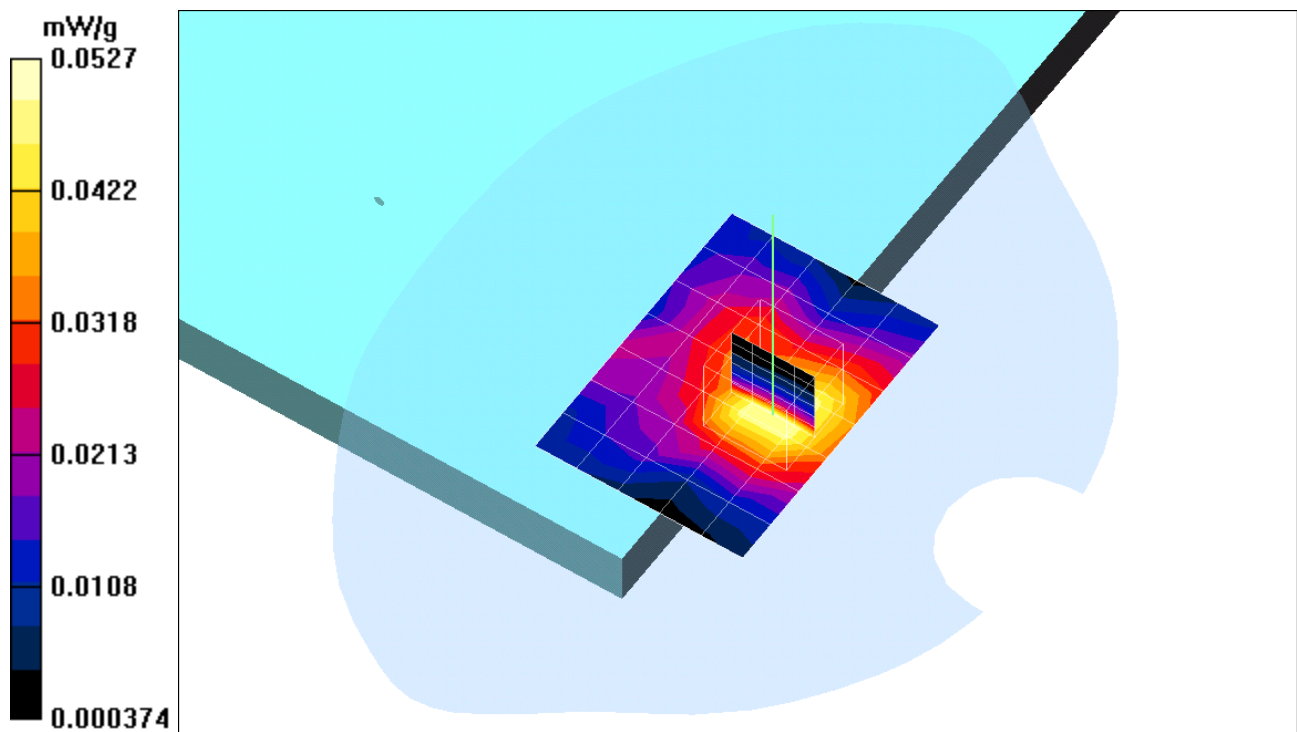
DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

CH 6 rate=5.5/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 4.84 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.0482 mW/g

CH 6 rate=5.5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 0.0942 W/kg
SAR(1 g) = [0.0504](#) mW/g; SAR(10 g) = 0.0288 mW/g
Reference Value = 4.84 V/m
Power Drift = -0.03 dB
Maximum value of SAR = 0.0527 mW/g

CH 6 rate=5.5/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Reference Value = 4.84 V/m
Power Drift = -0.09 dB
Maximum value of SAR = 0.042 mW/g



Test Laboratory: Compliance Certification Services Inc.
File Name: [0mmA2.da4](#)

0mmA2 CH11 rate=5.5

DUT: NOTEBOOK; Type: CL32(b); Serial: n/a
Program: 0mm

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 ($\sigma = 1.984$ mho/m, $\epsilon_r = 51.166$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

CH 11 rate=5.5/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.38 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.0571 mW/g

CH 11 rate=5.5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.0326 mW/g

Reference Value = 5.38 V/m

Power Drift = 0.07 dB

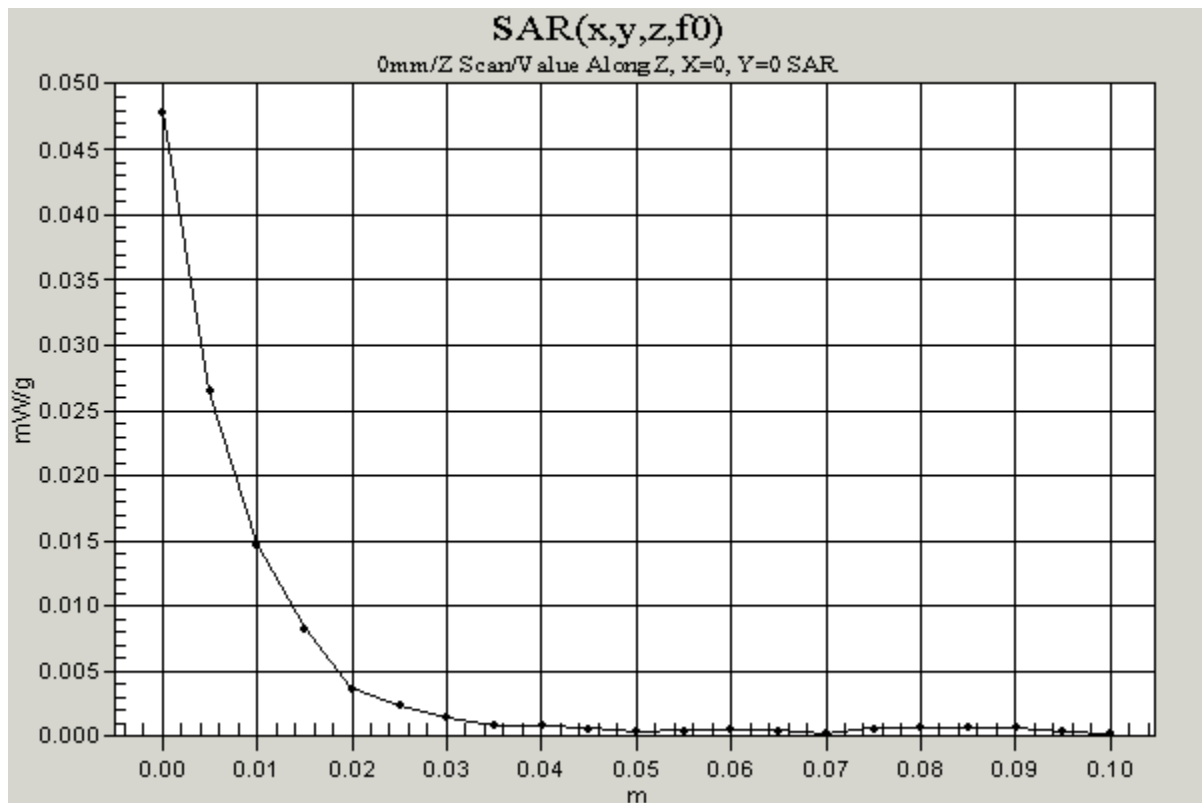
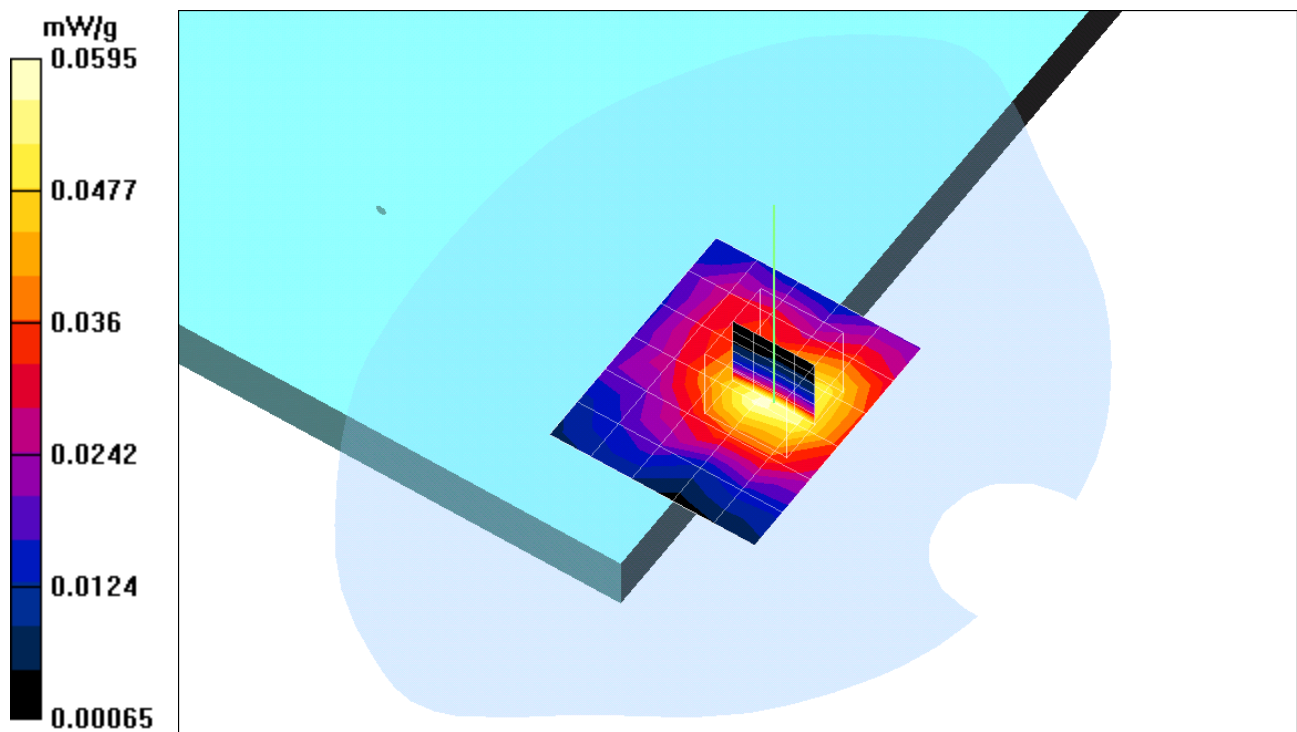
Maximum value of SAR = 0.0595 mW/g

CH 11 rate=5.5/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 5.38 V/m

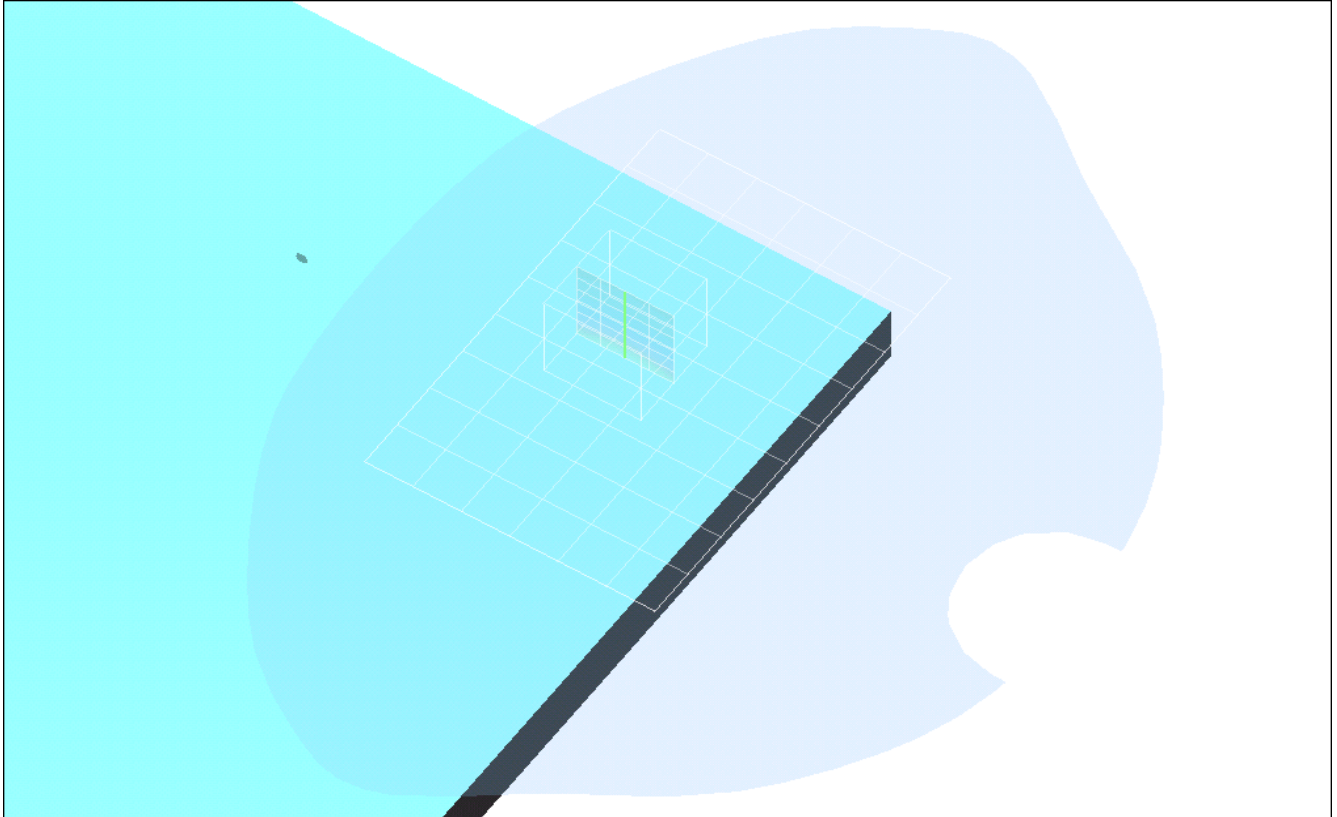
Power Drift = 0.08 dB

Maximum value of SAR = 0.0479 mW/g



Test Laboratory: Compliance Certification Services Inc.
File Name: [15mmA2.da4](#)

TEST Configuration 2



Test Laboratory: Compliance Certification Services Inc.
File Name: [15mmA2.da4](#)

15mmA2 CH1 rate=5.5

DUT: NOTEBOOK; Type: CL32(b); Serial: n/a
Program: 15mm

Communication System: DSSS; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL2450 ($\sigma = 1.984$ mho/m, $\epsilon_r = 51.166$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

CH 1 rate=5.5/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.19 V/m

Power Drift = -0.02 dB

Maximum value of SAR = 0.152 mW/g

CH 1 rate=5.5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.0936 mW/g

Reference Value = 5.19 V/m

Power Drift = -0.02 dB

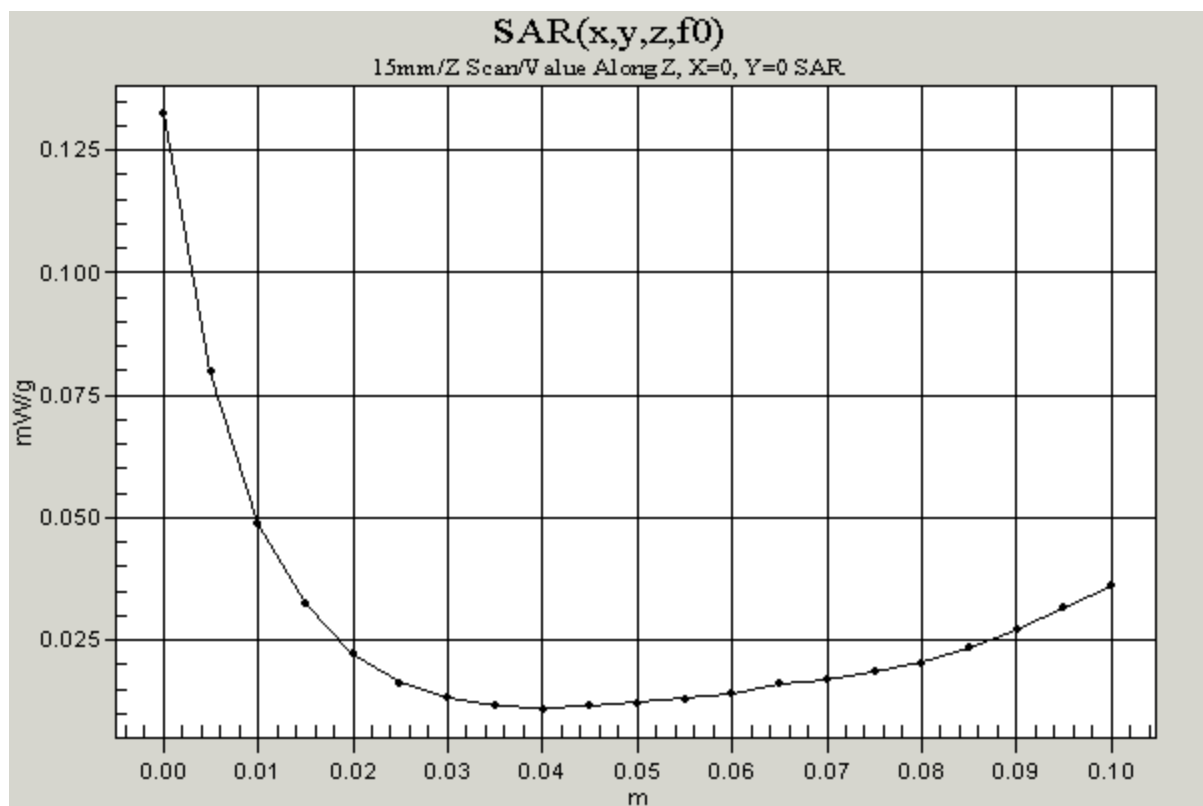
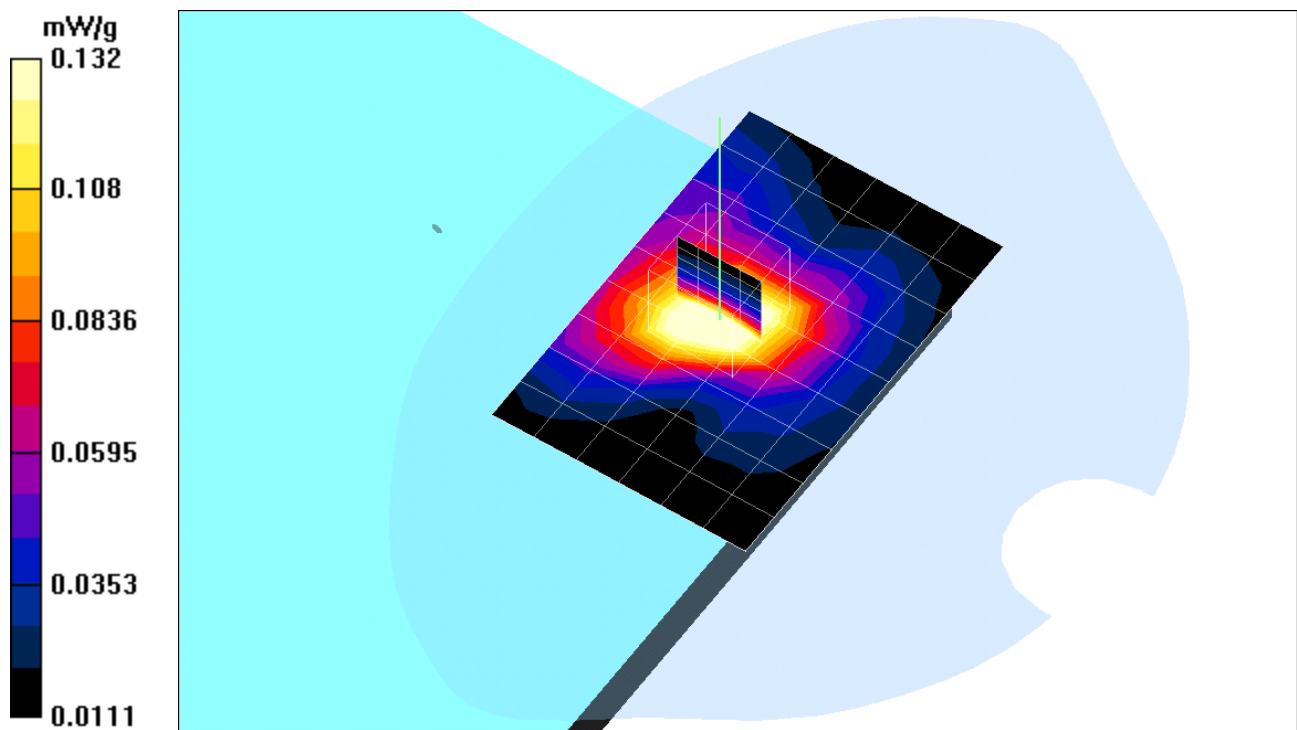
Maximum value of SAR = 0.171 mW/g

CH 1 rate=5.5/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 5.19 V/m

Power Drift = -0.03 dB

Maximum value of SAR = 0.132 mW/g



Test Laboratory: Compliance Certification Services Inc.
File Name: [15mmA2.da4](#)

15mmA2

DUT: NOTEBOOK; Type: CL32(b); Serial: n/a
Program: 15mm

Communication System: DSSS; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL2450 ($\sigma = 1.984$ mho/m, $\epsilon_r = 51.166$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

CH 6 rate=5.5/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.03 V/m

Power Drift = 0.05 dB

Maximum value of SAR = 0.207 mW/g

CH 6 rate=5.5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.123 mW/g

Reference Value = 5.03 V/m

Power Drift = 0.05 dB

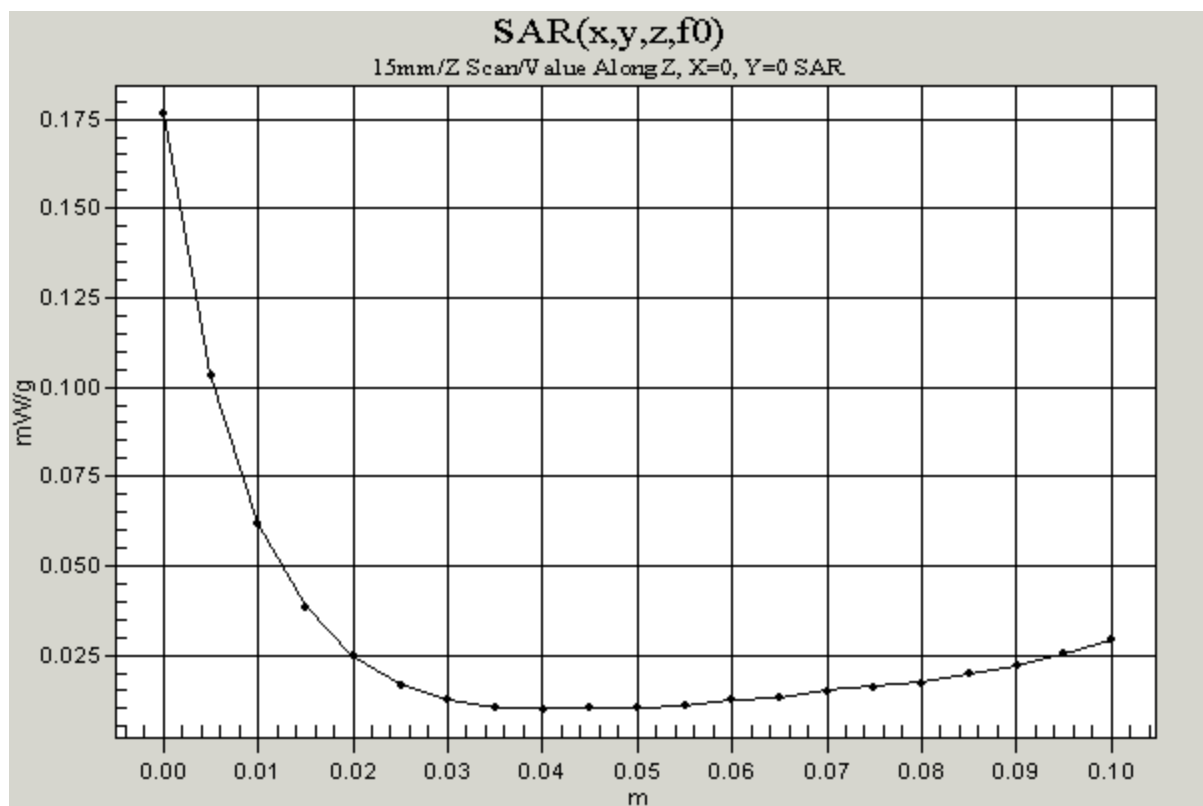
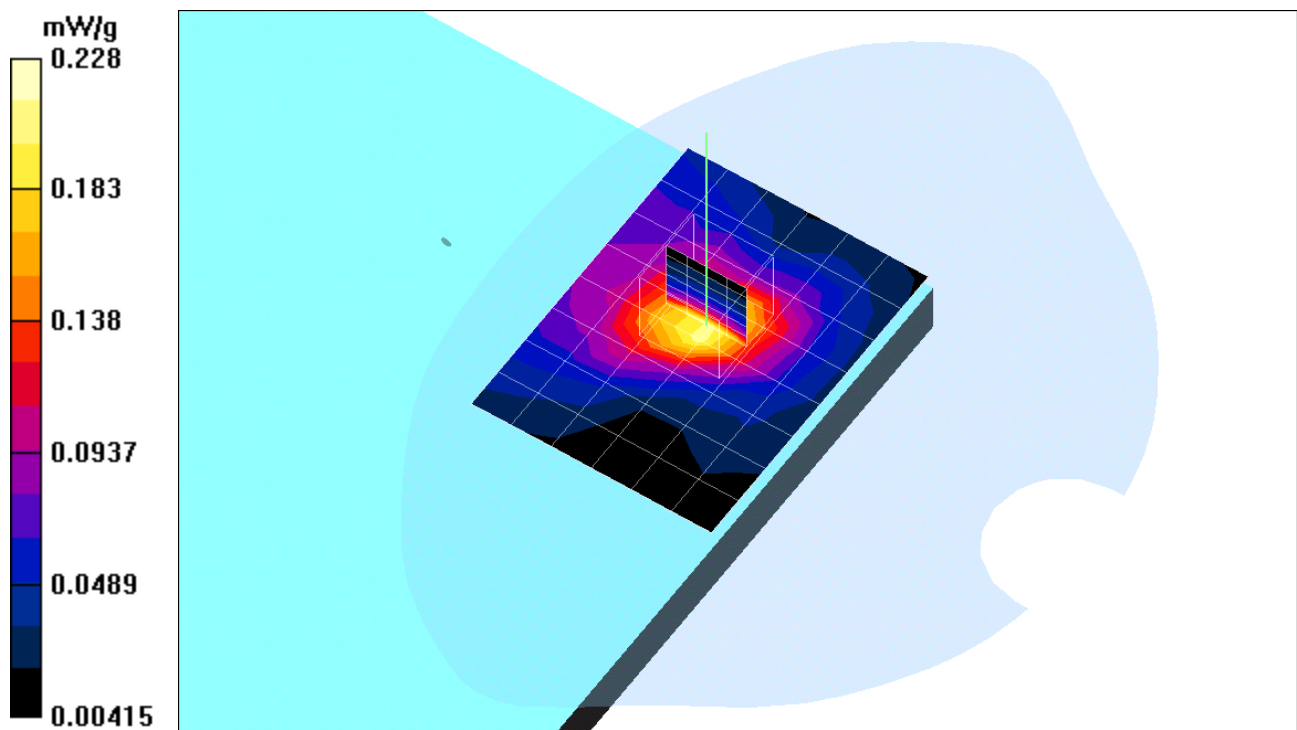
Maximum value of SAR = 0.228 mW/g

CH 6 rate=5.5/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 5.03 V/m

Power Drift = 0.07 dB

Maximum value of SAR = 0.176 mW/g



Test Laboratory: Compliance Certification Services Inc.
File Name: [15mmA2.da4](#)

15mmA2 CH11 rate=5.5

DUT: NOTEBOOK; Type: CL32(b); Serial: n/a
Program: 15mm

Communication System: DSSS; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450 ($\sigma = 1.984$ mho/m, $\epsilon_r = 51.166$, $\rho = 1000$ kg/m³)

Air Temperature 25.8 deg C ; Liquid Temperature 25.4 deg C

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1762; ConvF(4.6, 4.6, 4.6); Calibrated: 3/31/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 3/7/2003
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.6 Build 115

CH 11 rate=5.5/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 5.74 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.231 mW/g

CH 11 rate=5.5/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.242 mW/g; SAR(10 g) = 0.136 mW/g

Reference Value = 5.74 V/m

Power Drift = 0.02 dB

Maximum value of SAR = 0.256 mW/g

CH 11 rate=5.5/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Reference Value = 5.74 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 0.196 mW/g

