Date/Time: 3/7/2006 3:32:29 PM

Test Laboratory: Compliance Certification Services Inc.

D2450V2-SN 728-Body 20060307

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.02 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

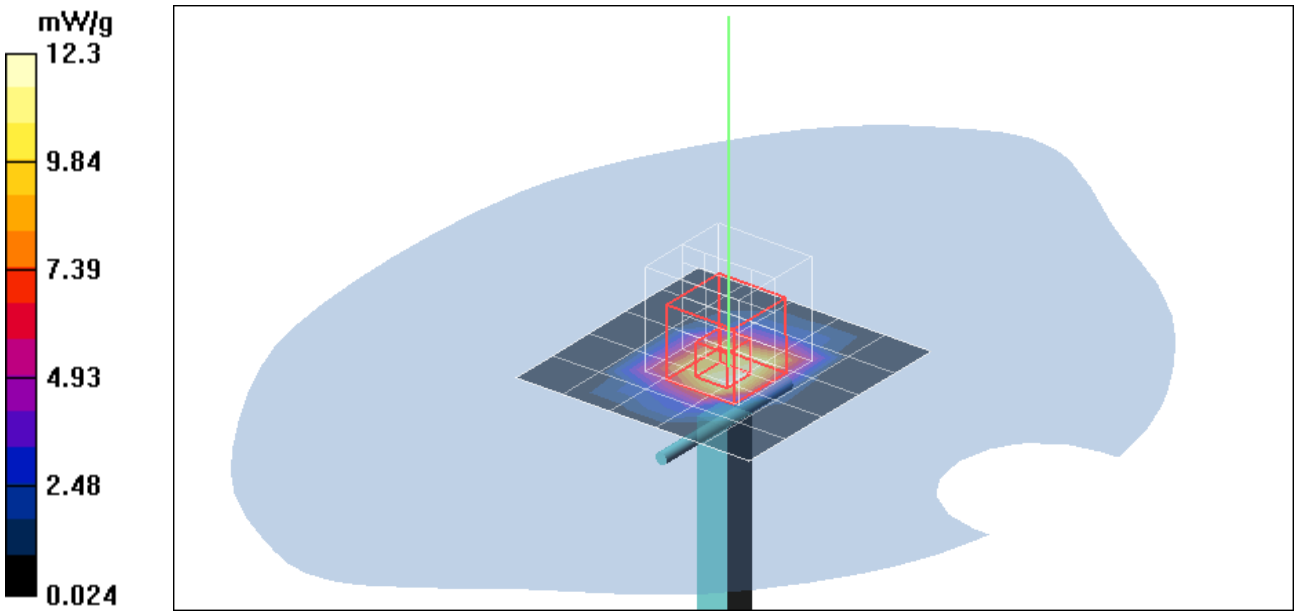
Maximum value of SAR (measured) = 12.3 mW/g

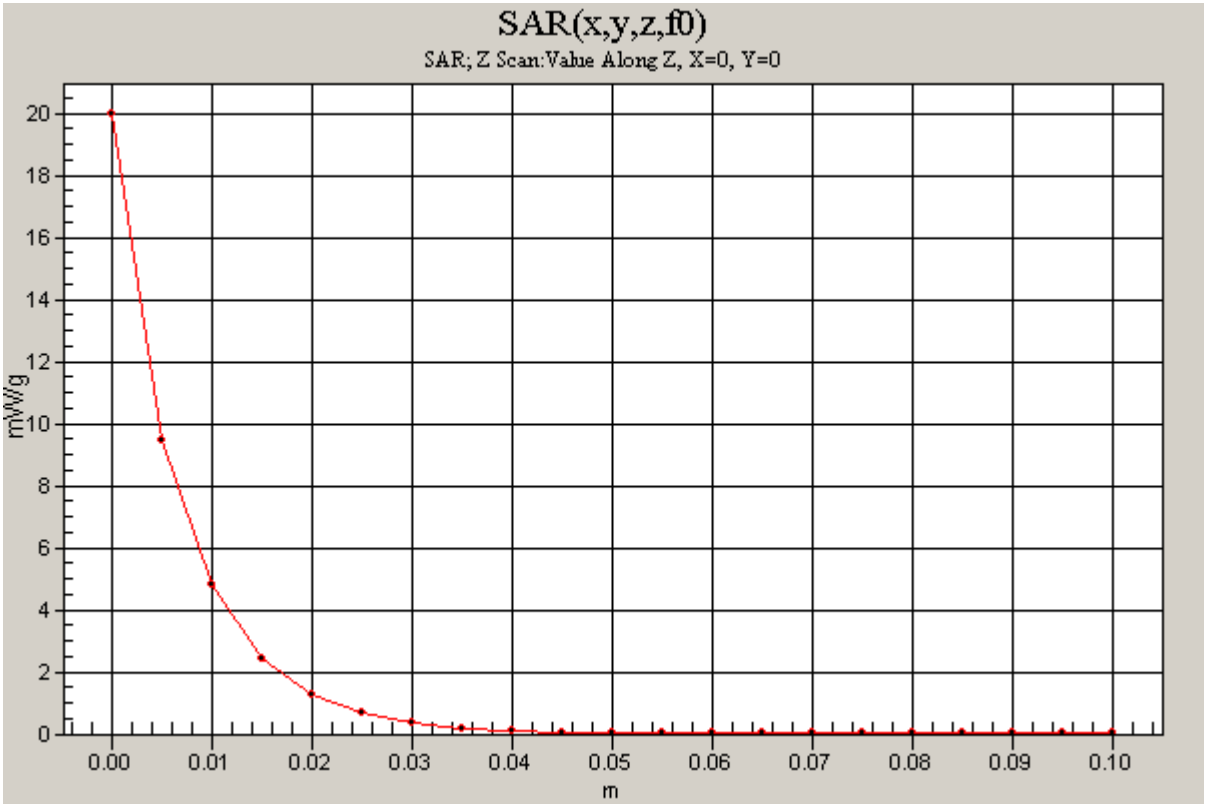
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 99.5 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 28.9 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.1 mW/g
Maximum value of SAR (measured) = 19.6 mW/g

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

Maximum value of SAR (measured) = 20.0 mW/g


mW/g
12.3
9.84
7.39
4.93
2.48
0.024


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
0
2
4
6
8
10
12
14
16
18
20
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10

Date/Time: 3/22/2006 09:05:33 AM

Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN-728 Head

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:728

Communication System: CW2450; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.91 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.0 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23.7; Postprocessing SW: SEMCAD, V1.8 Build 161

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm

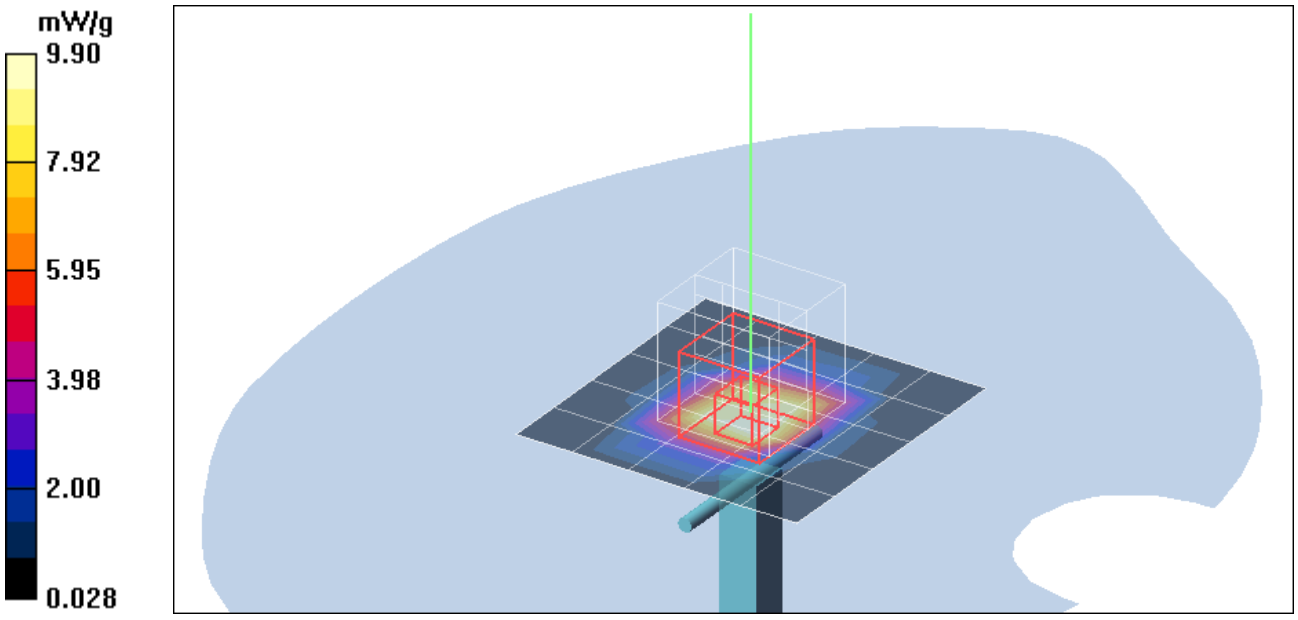
Maximum value of SAR (measured) = 9.90 mW/g

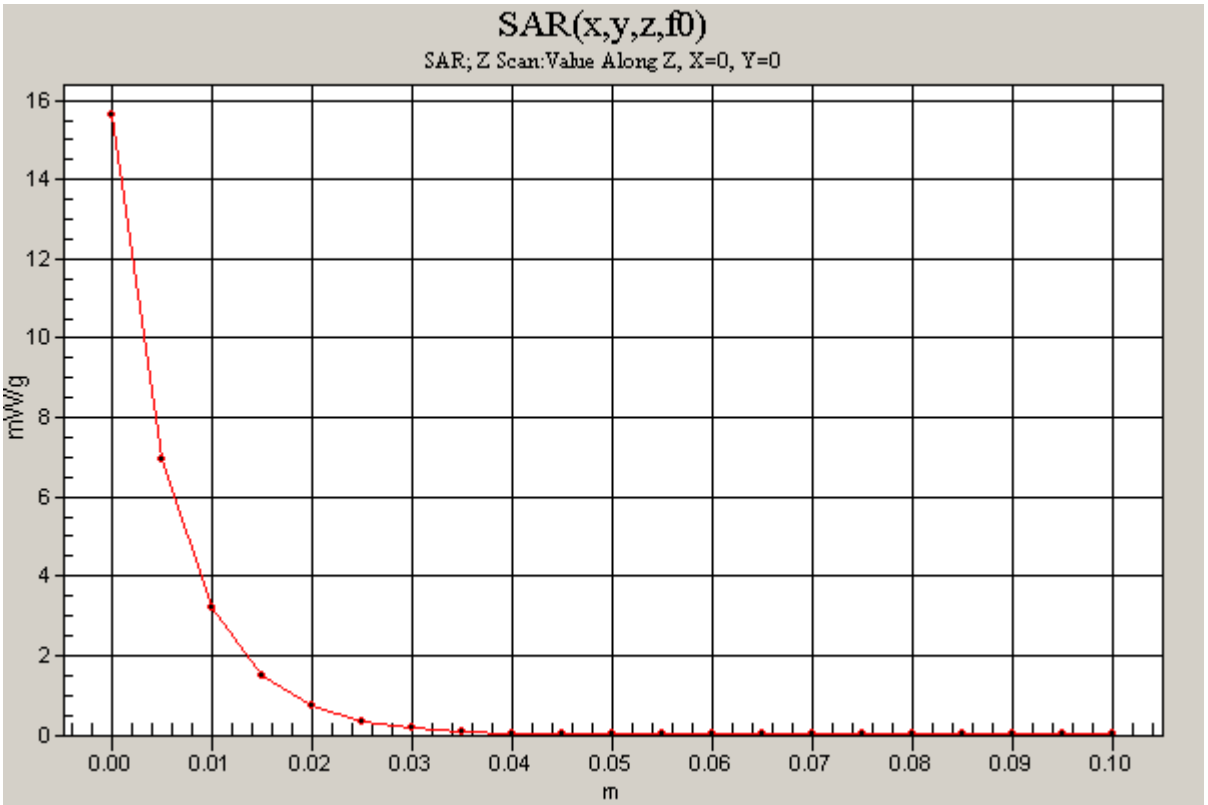
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.1 V/m; Power Drift = -0.087 dB
Peak SAR (extrapolated) = 32.6 W/kg
SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.08 mW/g
Maximum value of SAR (measured) = 15.5 mW/g

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

Maximum value of SAR (measured) = 15.6 mW/g


mW/g
9.90
7.92
5.95
3.98
2.00
0.028


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
m
16
14
12
10
8
6
4
2
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10

Test Laboratory: Compliance Certification Services Inc.

802.11b Left Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Middle CH Rate=1M bit/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

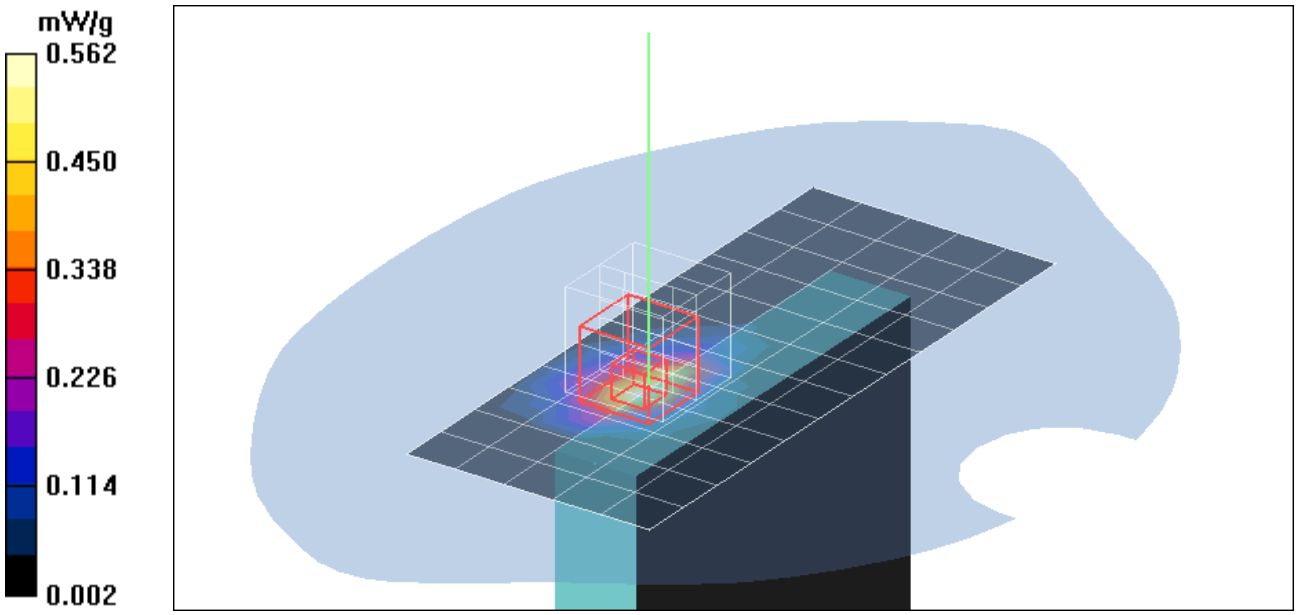
Maximum value of SAR (measured) = 0.579 mW/g

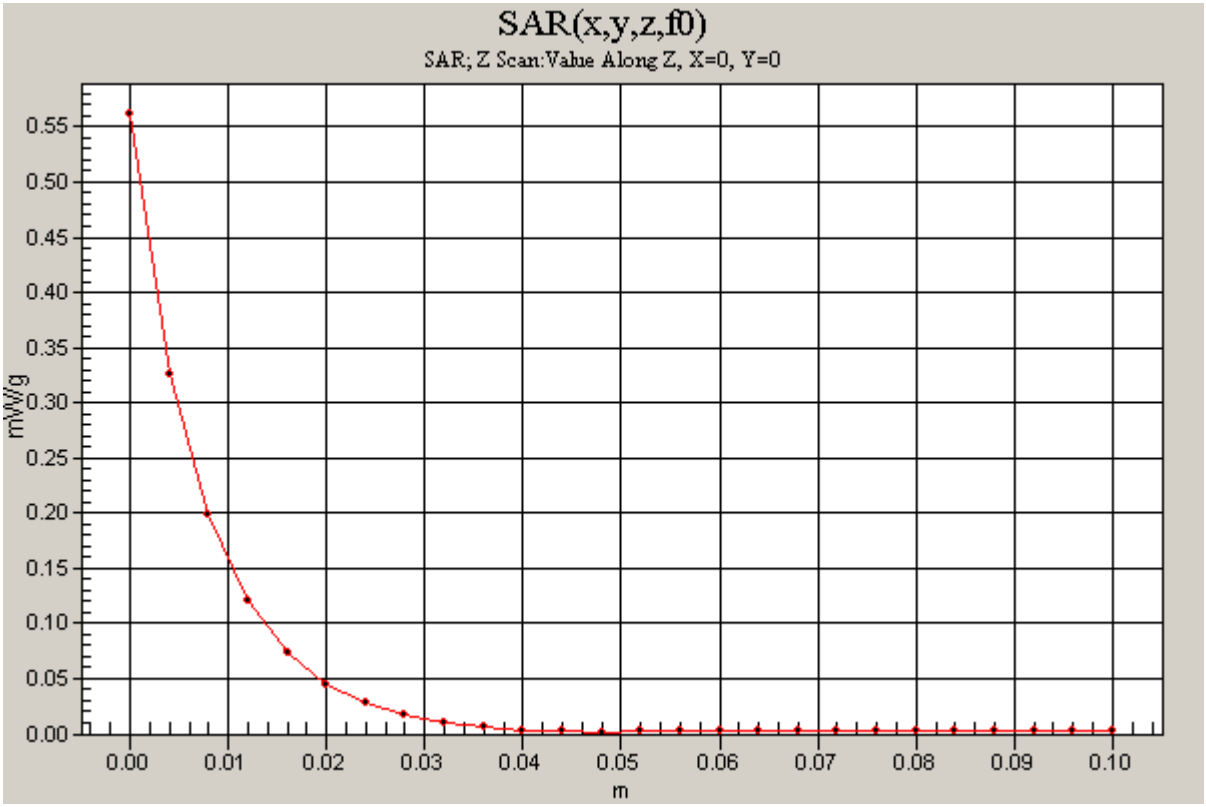
Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.99 V/m; Power Drift = -0.140 dB
Peak SAR (extrapolated) = 0.886 W/kg
SAR(1 g) = 0.442 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.598 mW/g

Middle CH Rate=1M bit/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.562 mW/g


mW/g
0.562
0.450
0.338
0.226
0.114
0.002


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Test Laboratory: Compliance Certification Services Inc.

802.11b Top Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Middle CH Rate=1M bit/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.030 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

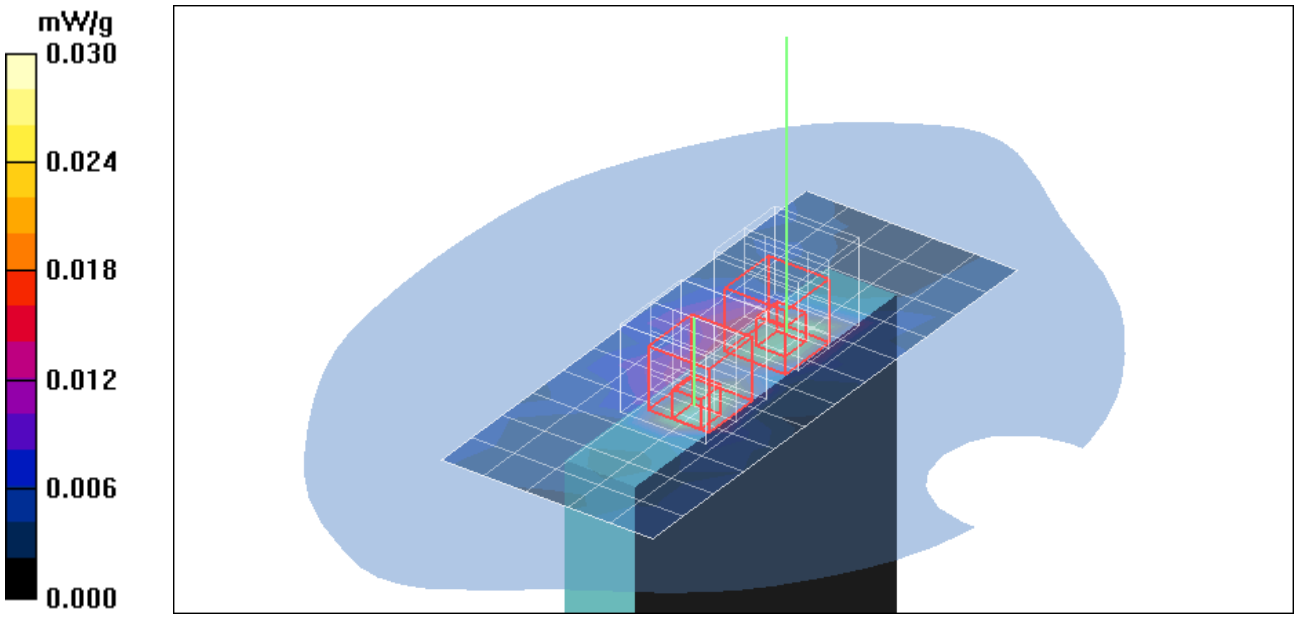
Reference Value = 3.92 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.043 W/kg
SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.0087 mW/g
Maximum value of SAR (measured) = 0.026 mW/g

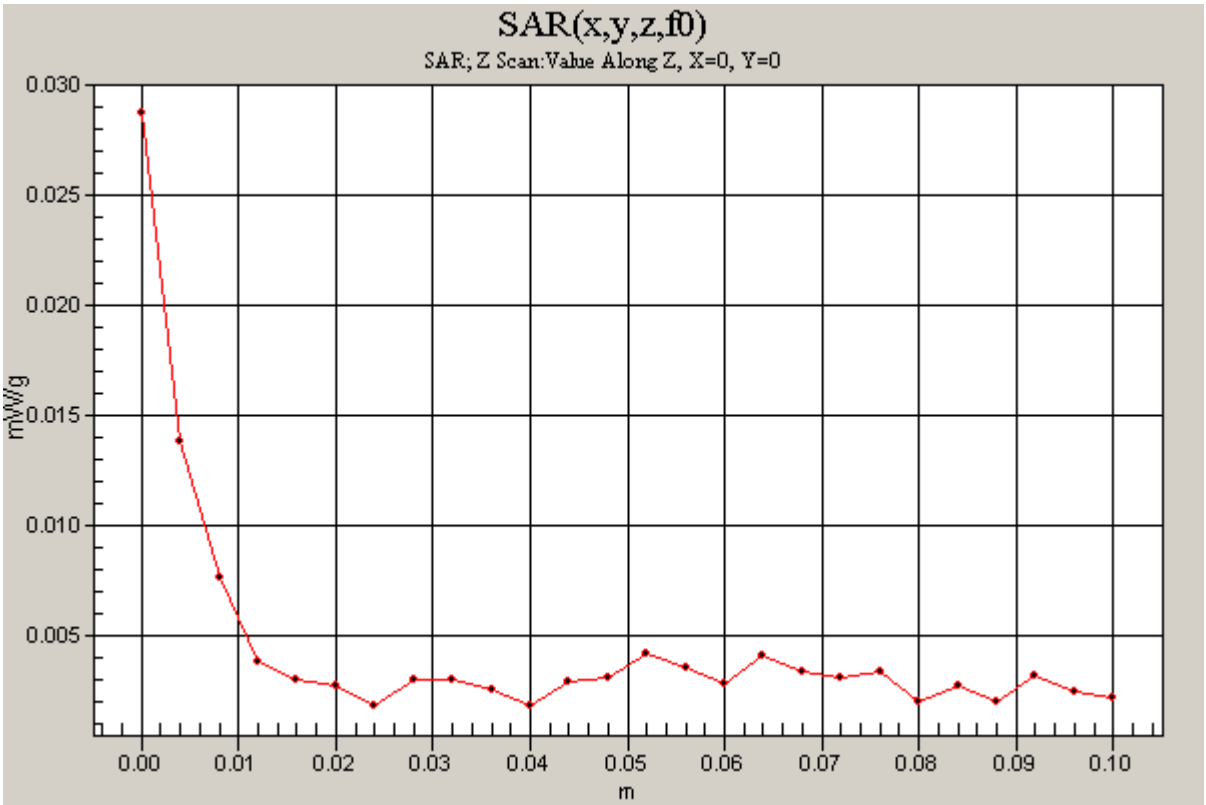
Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 3.92 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.048 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00901 mW/g
Maximum value of SAR (measured) = 0.032 mW/g

Middle CH Rate=1M bit/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.029 mW/g


mW/g
0.030
0.024
0.018
0.012
0.006
0.000


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.030
0.025
0.020
0.015
0.010
0.005
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 3/7/2006 5:56:47 PM

Test Laboratory: Compliance Certification Services Inc.

802.11b Right Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Middle CH Rate=1M bit/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

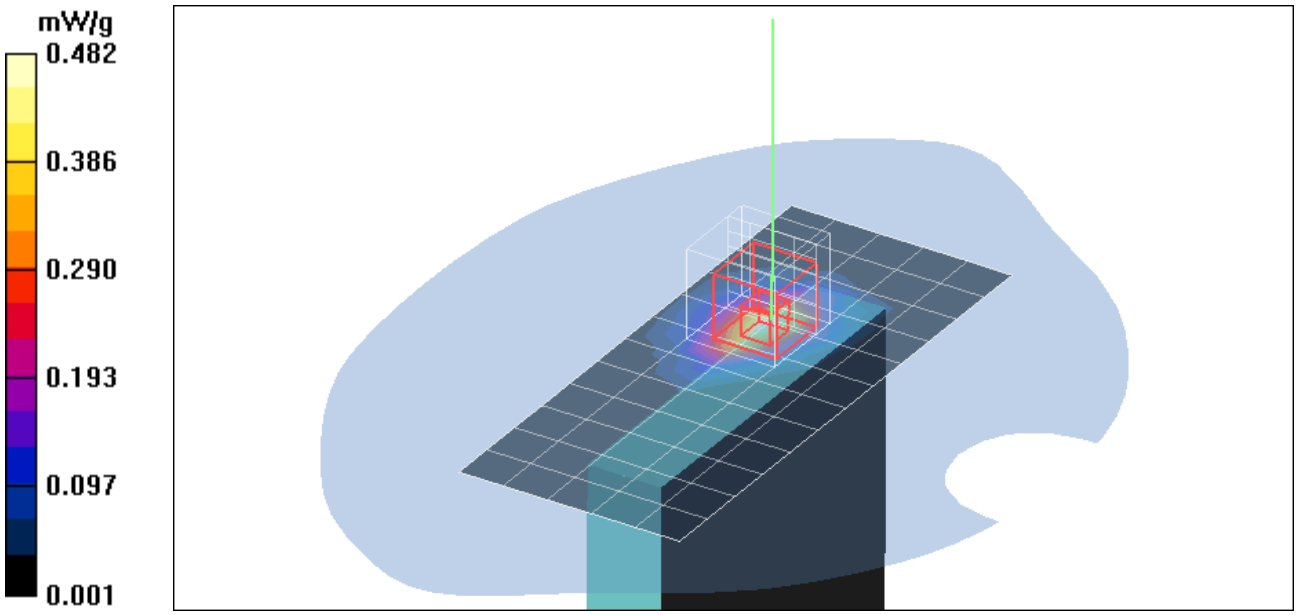
Maximum value of SAR (measured) = 0.511 mW/g

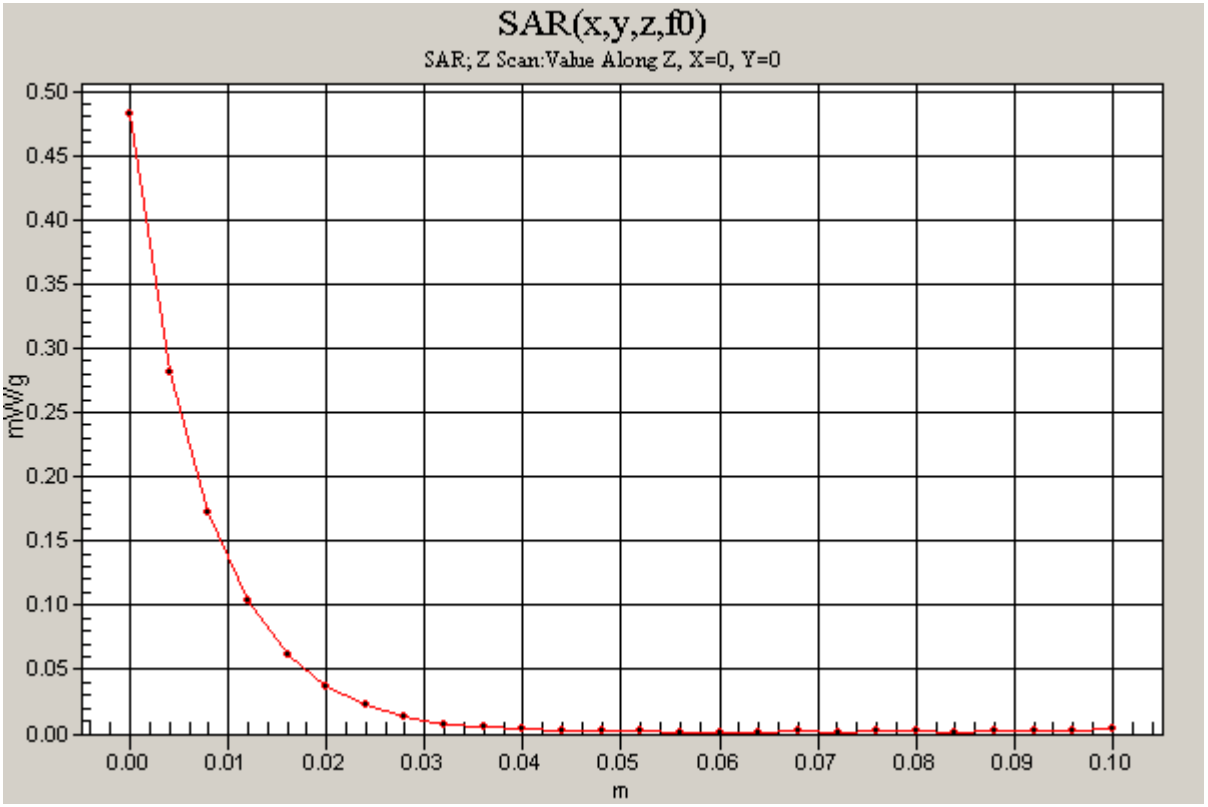
Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.37 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.187 mW/g
Maximum value of SAR (measured) = 0.506 mW/g

Middle CH Rate=1M bit/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.482 mW/g


mW/g
0.482
0.386
0.290
0.193
0.097
0.001


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 3/7/2006 6:34:39 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g Left Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Middle CH Rate=6M bit/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

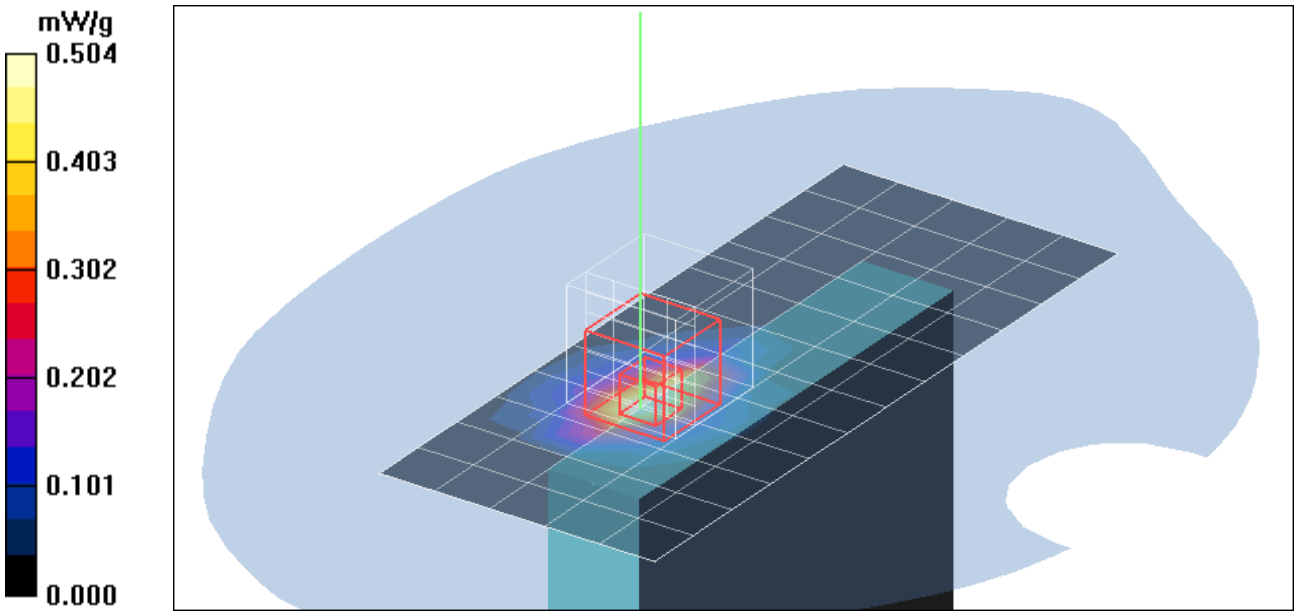
Maximum value of SAR (measured) = 0.565 mW/g

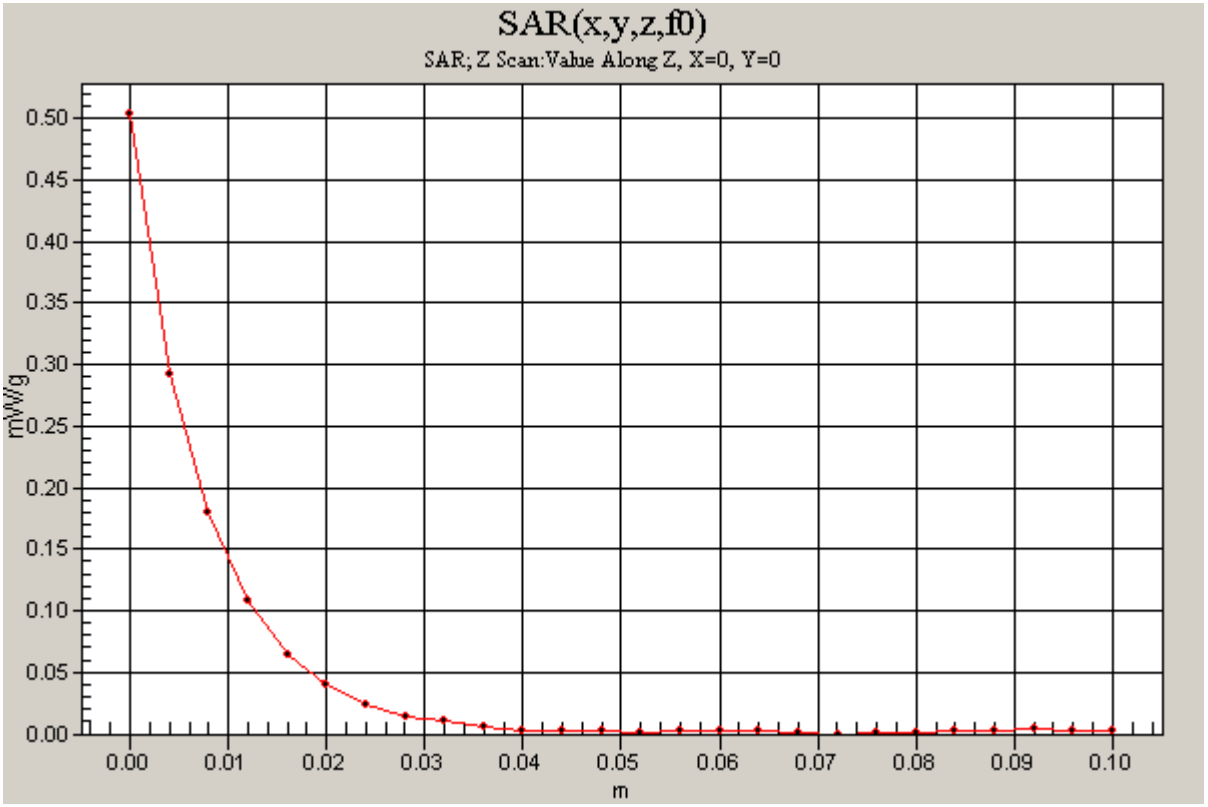
Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.20 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 0.822 W/kg
SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.551 mW/g

Middle CH Rate=6M bit/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.504 mW/g


mW/g
0.504
0.403
0.302
0.202
0.101
0.000


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 3/7/2006 6:57:07 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g MIMO Left Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 2 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Middle CH Rate=72M bit/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm

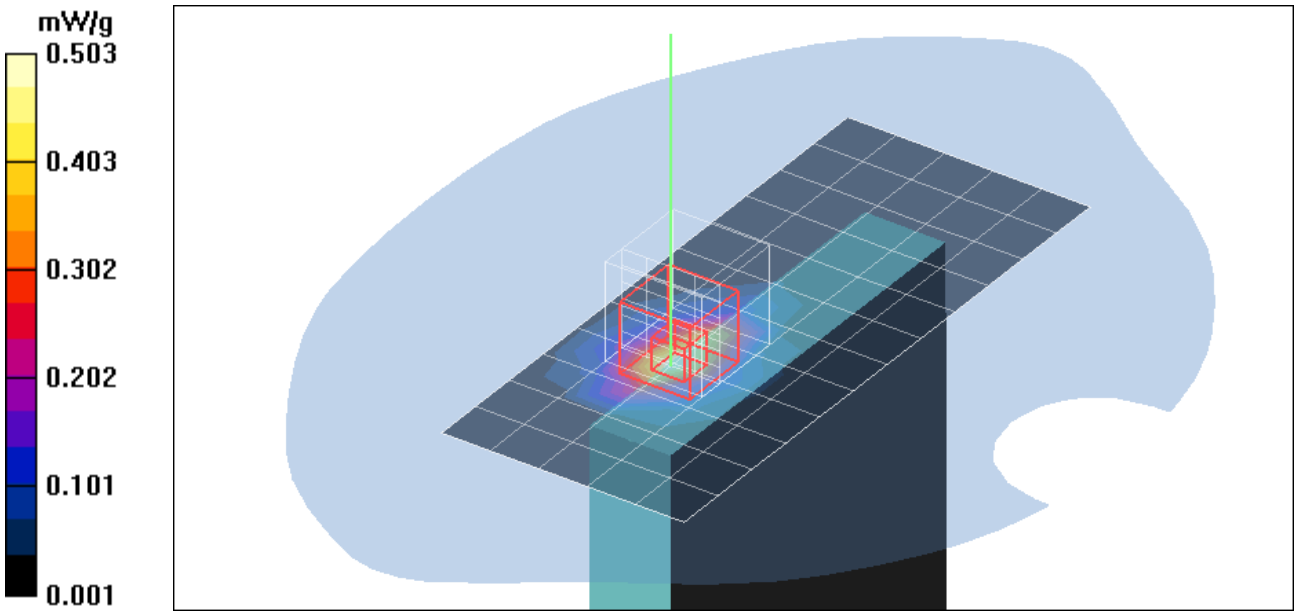
Maximum value of SAR (measured) = 0.533 mW/g

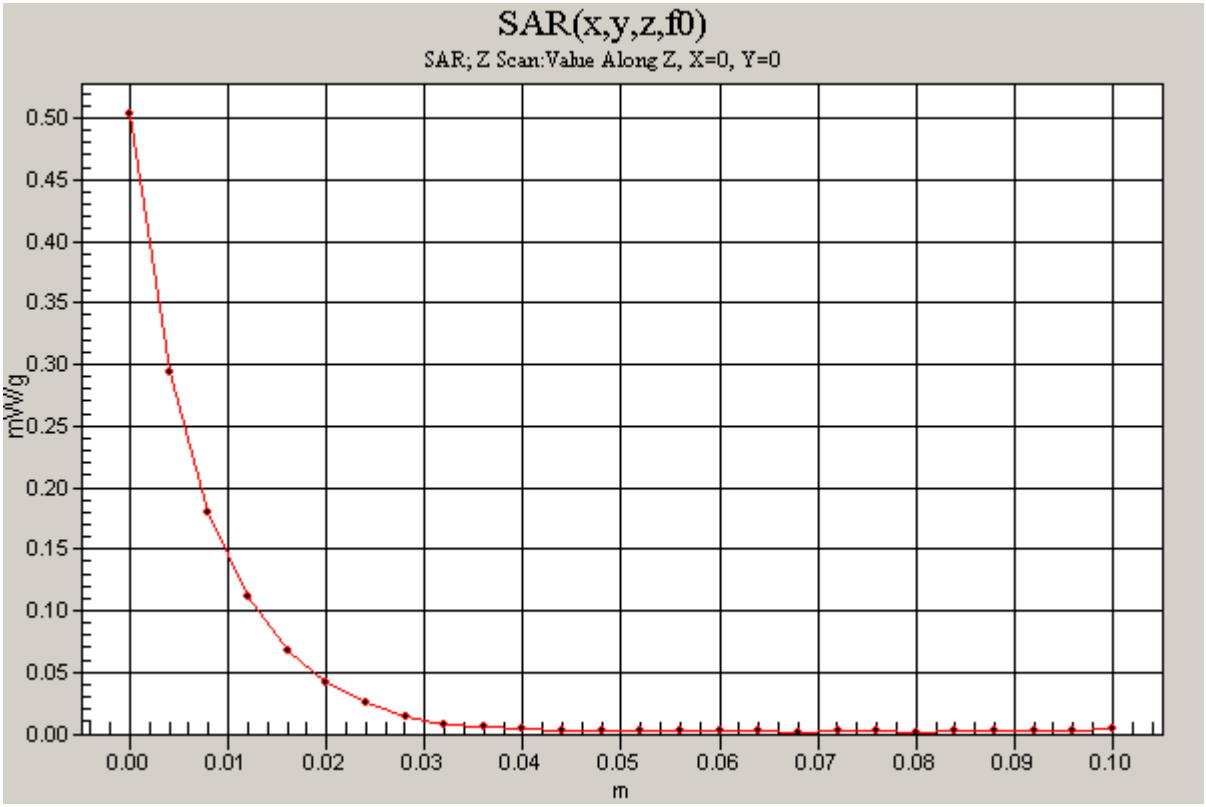
Middle CH Rate=72M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 6.09 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.784 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.191 mW/g
Maximum value of SAR (measured) = 0.528 mW/g

Middle CH Rate=72M bit/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.503 mW/g


mW/g
0.503
0.403
0.302
0.202
0.101
0.001


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 3/7/2006 9:01:16 PM

Test Laboratory: Compliance Certification Services Inc.

802.11g SIMO CB Left Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2447 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2447 MHz; σ = 2.01 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.4 deg C;Liquid Temperature:23.3 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Middle CH Rate=12M bit/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

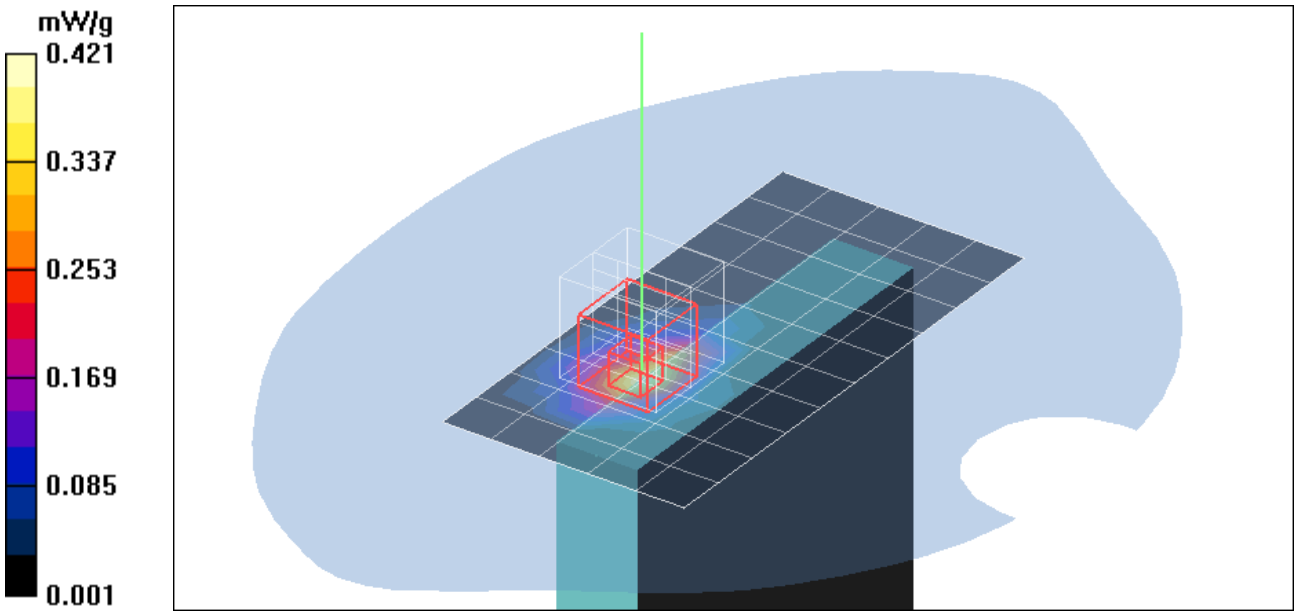
Maximum value of SAR (measured) = 0.410 mW/g

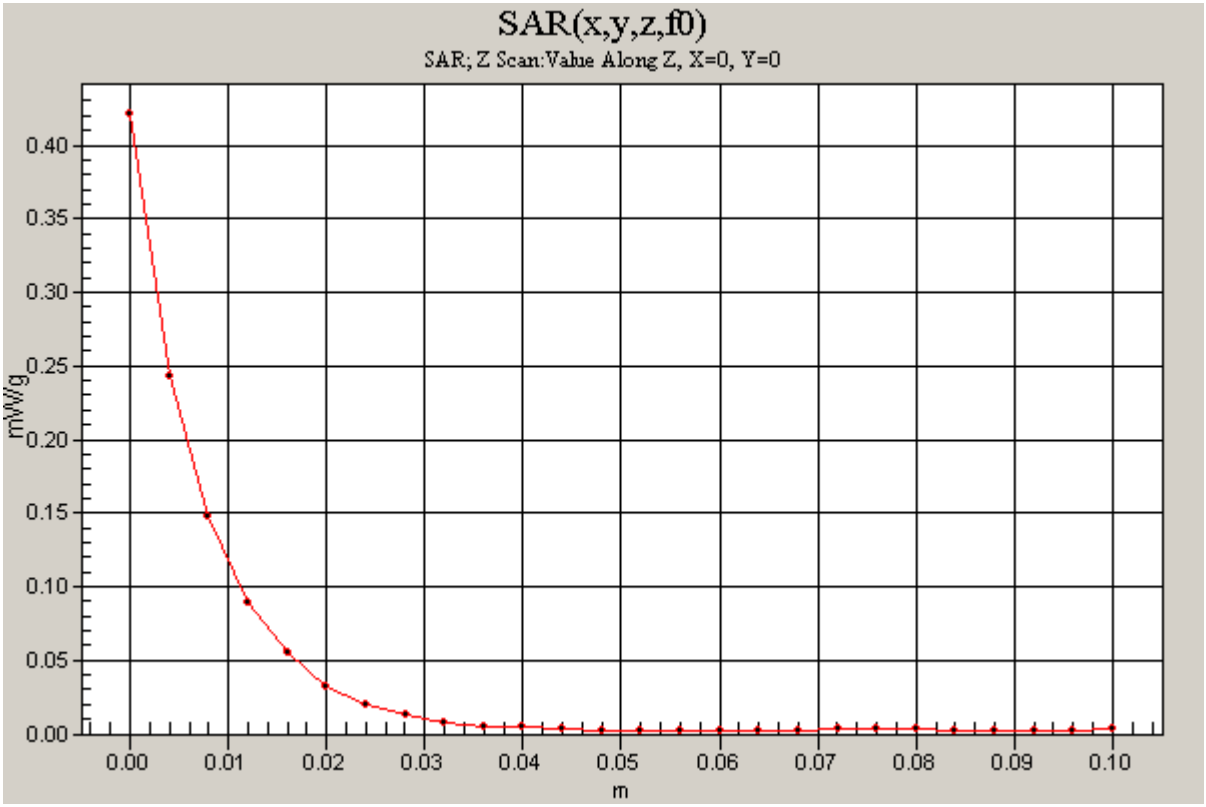
Middle CH Rate=12M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.48 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.621 W/kg
SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.419 mW/g

Middle CH Rate=12M bit/Z Scan (1x1x26): Measurement grid: dx=20mm, dy=20mm, dz=4mm

Maximum value of SAR (measured) = 0.421 mW/g


mW/g
0.421
0.337
0.253
0.169
0.085
0.001


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Test Laboratory: Compliance Certification Services Inc.

802.11b Front Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.0 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Middle CH Rate=1M bit/Area Scan (12x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.047 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

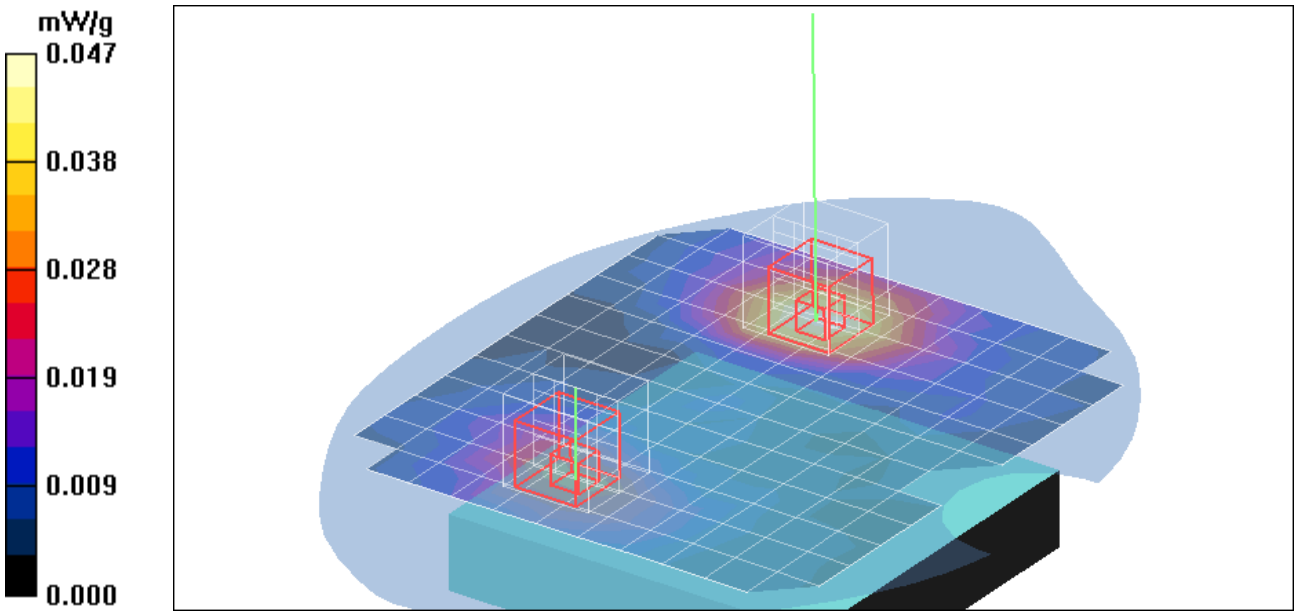
Reference Value = 2.09 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.073 W/kg
SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.049 mW/g

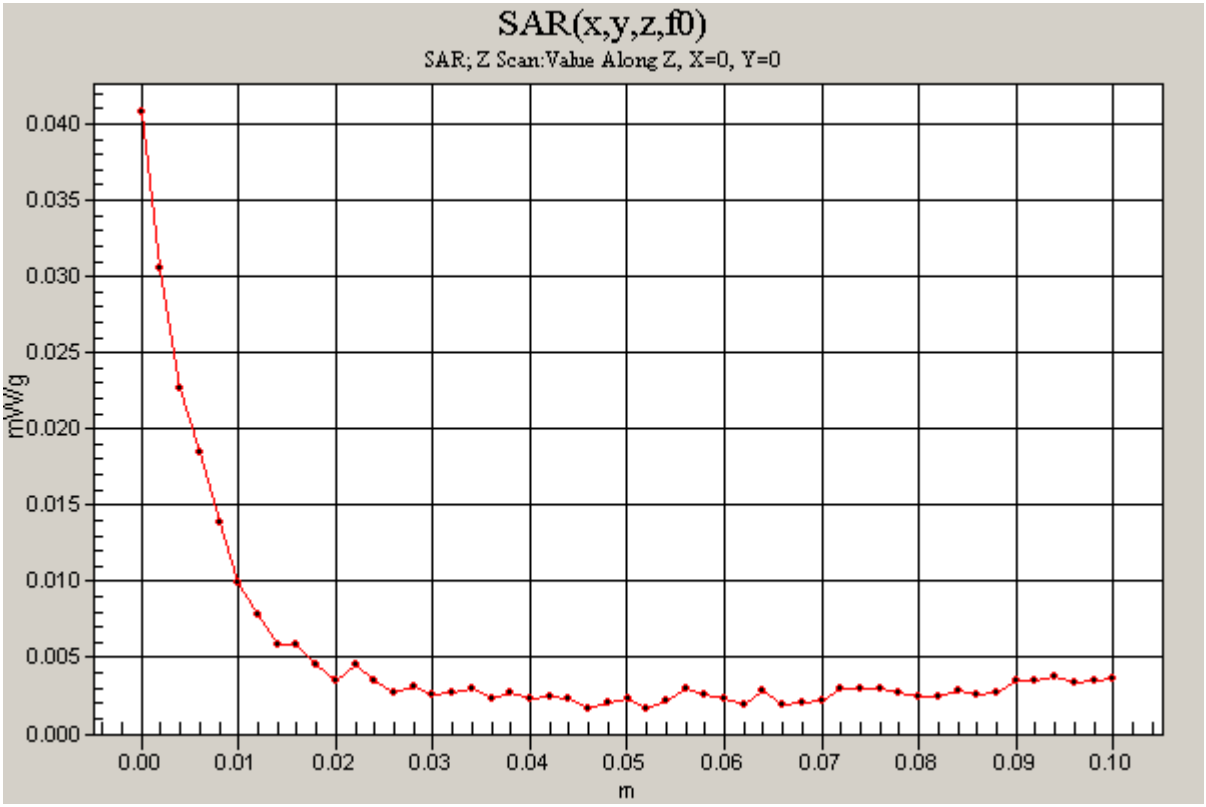
Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 2.09 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.056 W/kg
SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.015 mW/g
Maximum value of SAR (measured) = 0.034 mW/g

Middle CH Rate=1M bit/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Maximum value of SAR (measured) = 0.041 mW/g


mW/g
0.047
0.038
0.028
0.019
0.009
0.000


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m

Date/Time: 3/22/2006 2:58:22 PM

Test Laboratory: Compliance Certification Services Inc.

802.11b Back Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.0 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Middle CH Rate=1M bit/Area Scan (12x13x1): Measurement grid: dx=15mm, dy=15mm

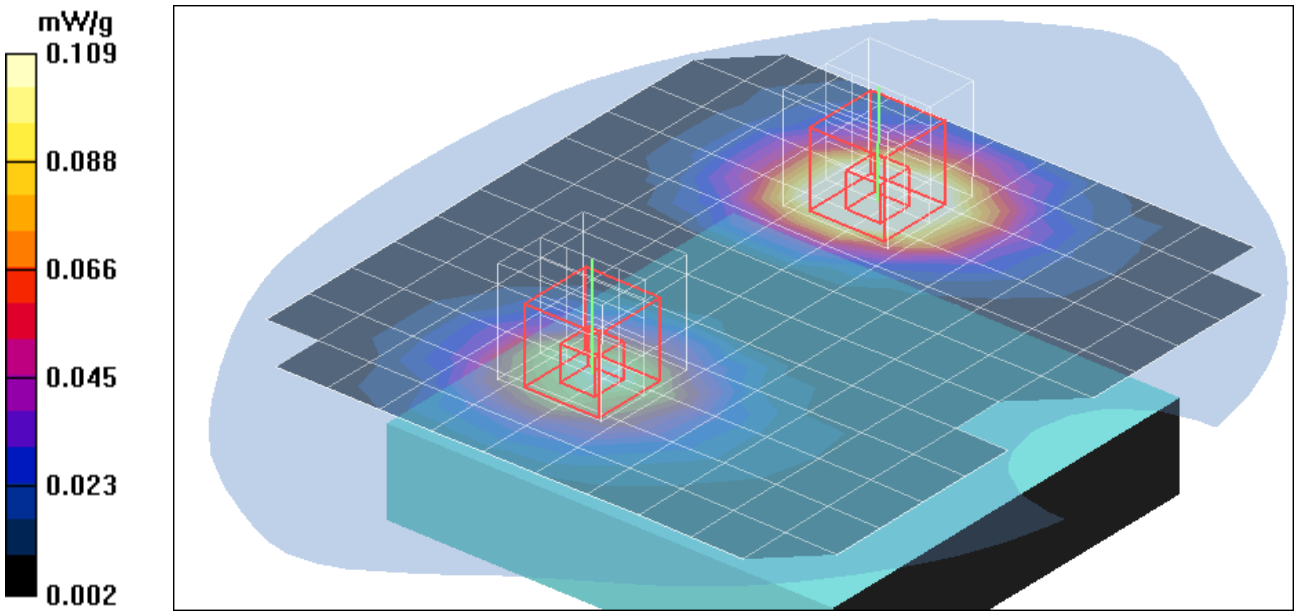
Maximum value of SAR (measured) = 0.142 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.41 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.150 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.41 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.109 mW/g


mW/g
0.109
0.088
0.066
0.045
0.023
0.002

Test Laboratory: Compliance Certification Services Inc.

802.11b Back Touch mode

DUT: WPNT121; Type: Wireless USB 2.0 Adapter; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.88 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.2 deg C;Liquid Temperature:23.0 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.12, 6.12, 6.12);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 9/22/2005
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 161

Middle CH Rate=1M bit/Area Scan (12x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.142 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

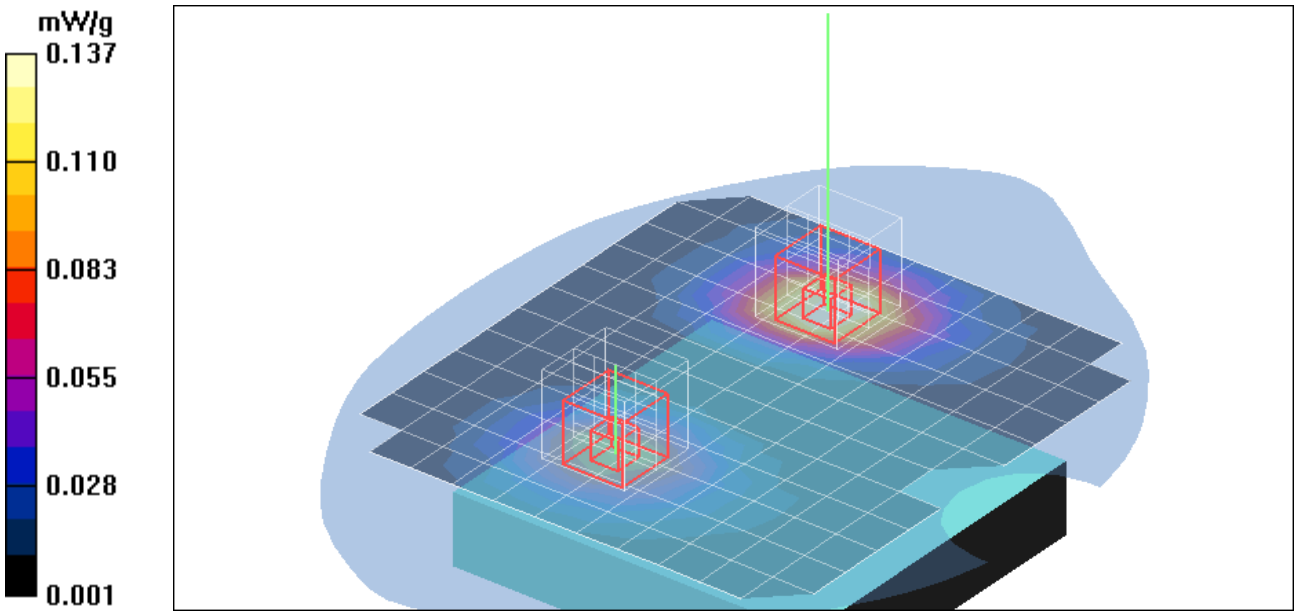
Reference Value = 1.41 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.150 mW/g

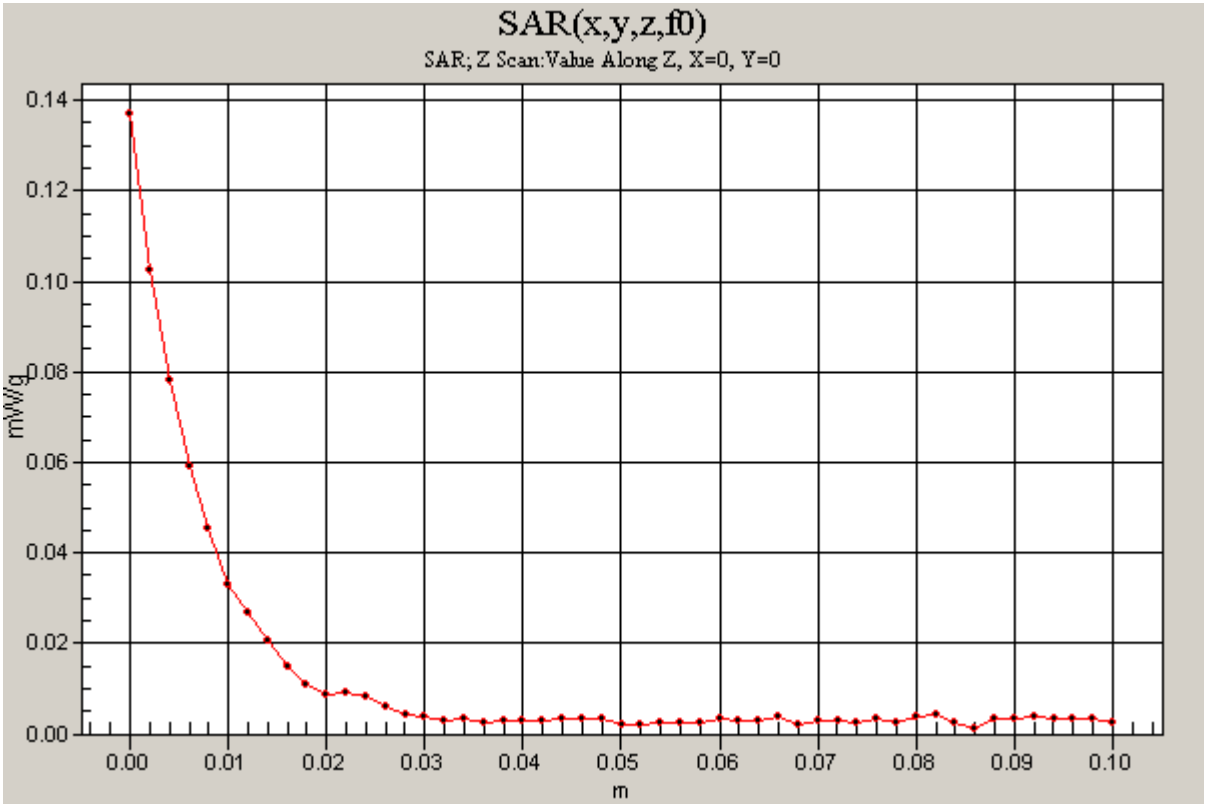
Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 1.41 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 0.156 W/kg
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.044 mW/g
Maximum value of SAR (measured) = 0.109 mW/g

Middle CH Rate=1M bit/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Maximum value of SAR (measured) = 0.137 mW/g


mW/g
0.137
0.110
0.083
0.055
0.028
0.001


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.09
0.10
m