Date/Time: 4/28/2005 08:55:31 AM

Test Laboratory: Compliance Certification Services Inc.

D2450V2-SN 728-Body

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 = 1.93 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g
Zoom scan setting: Maximum number of cubes to measure is 2
Phantom section: Flat Section

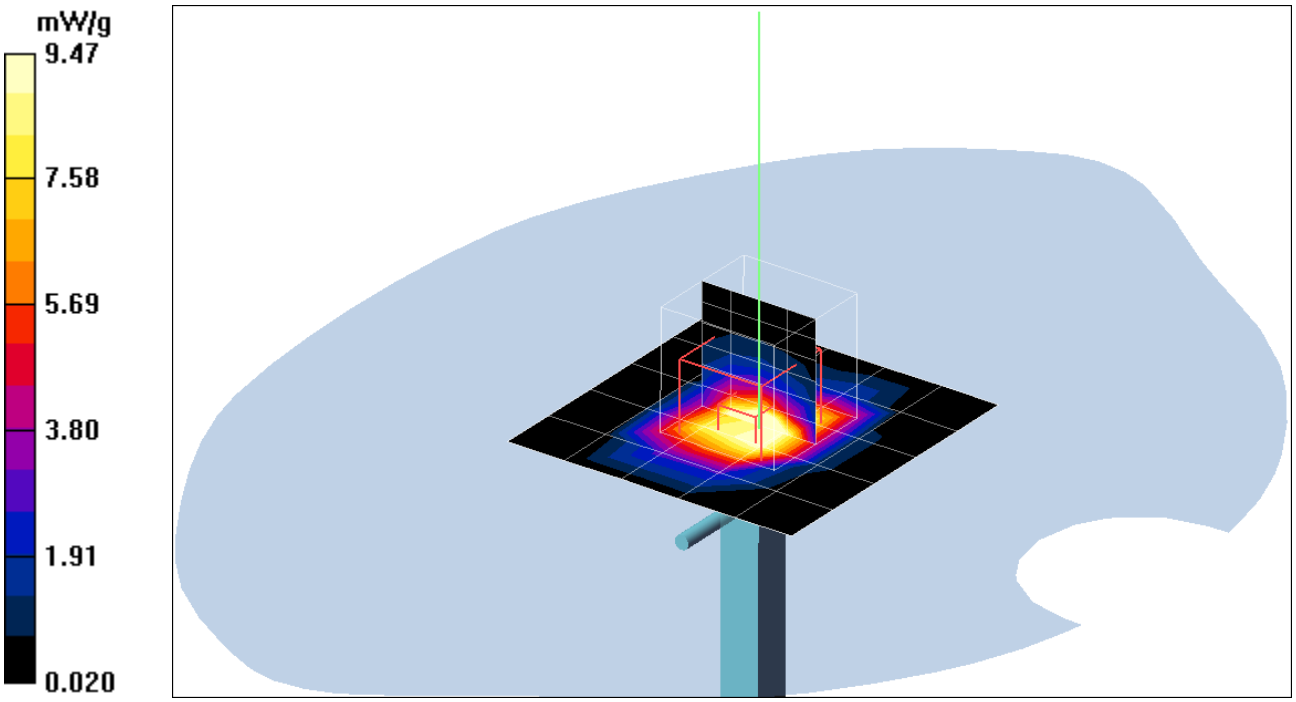
DASY4 Configuration:

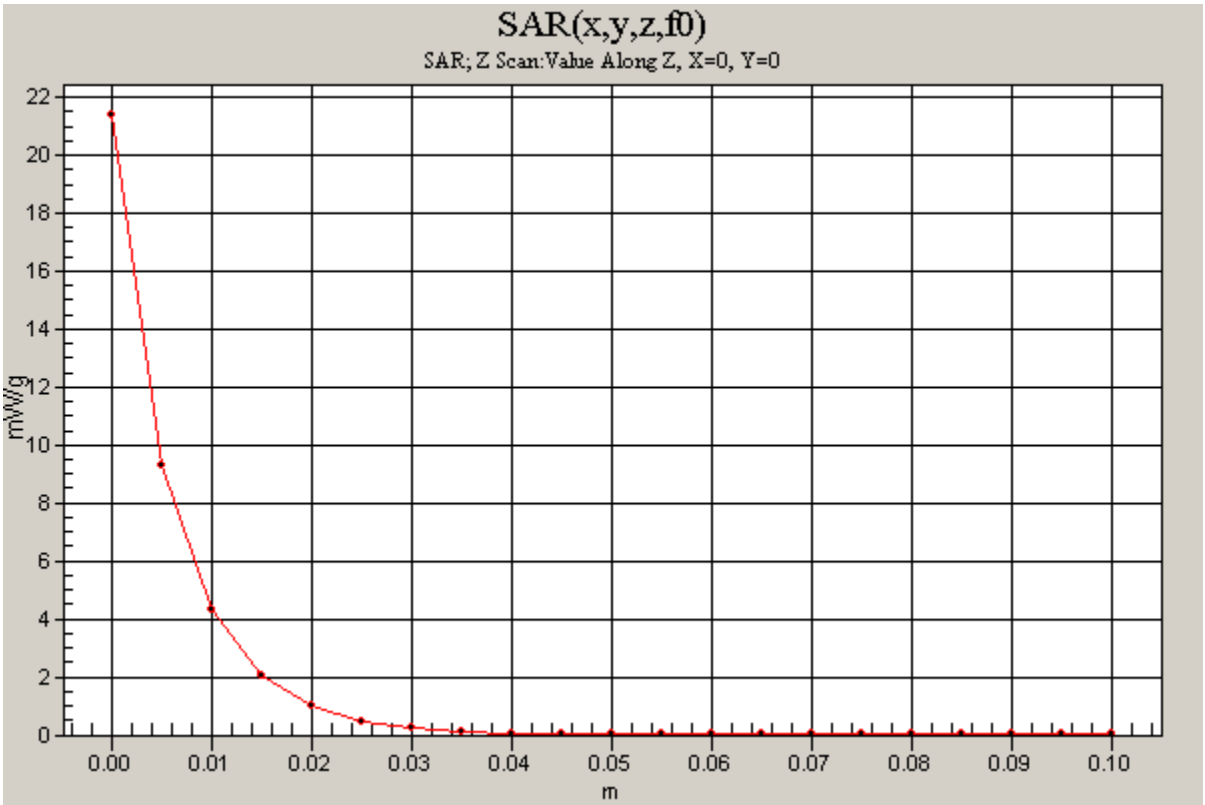
- Probe: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Pin=250mW,d=10mm/Area Scan (6x6x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 9.47 mW/g

Pin=250mW,d=10mm/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 21.4 mW/g

Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 86.9 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 30.3 W/kg
SAR(1 g) = 13.2 mW/g; SAR(10 g) = 5.8 mW/g
Maximum value of SAR (measured) = 15.0 mW/g


mW/g
9.47
7.58
5.69
3.80
1.91
0.020


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
22
20
18
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
m

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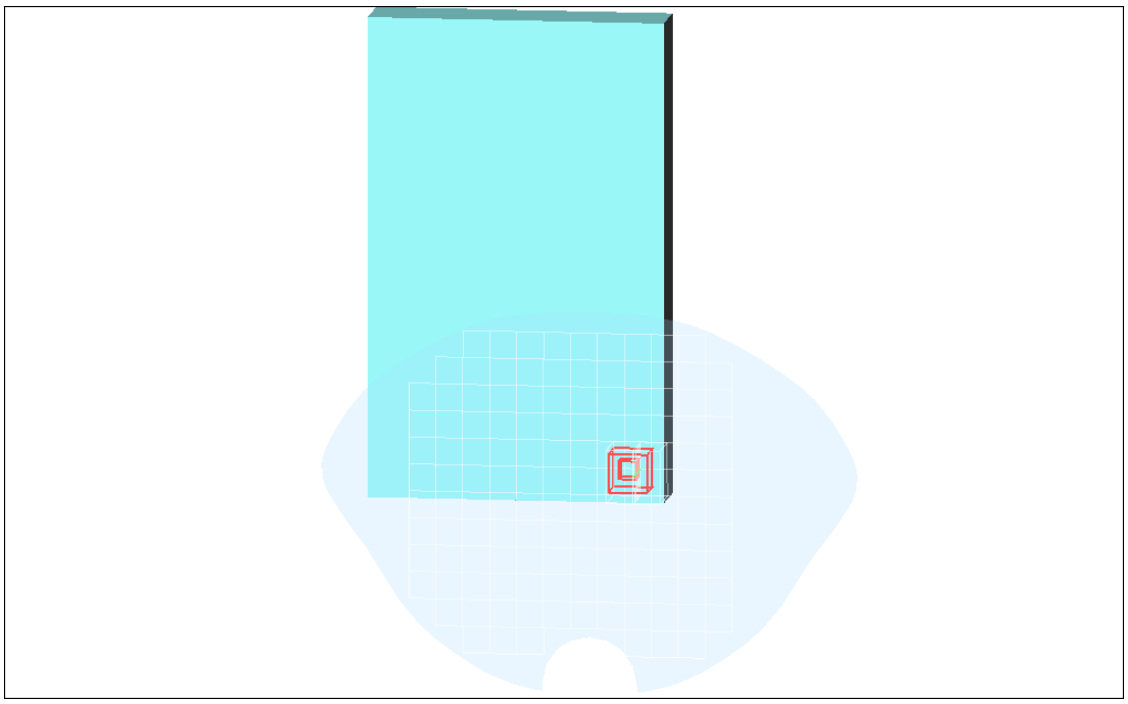
Test Laboratory: Compliance Certification Services Inc.

Test Configuration-1



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Test Laboratory: Compliance Certification Services Inc.

802.11b Parallel Touch mode

DUT: AquaPAD+; Type: Web Pad; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.93 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g
Zoom scan setting: Maximum number of cubes to measure is 2
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

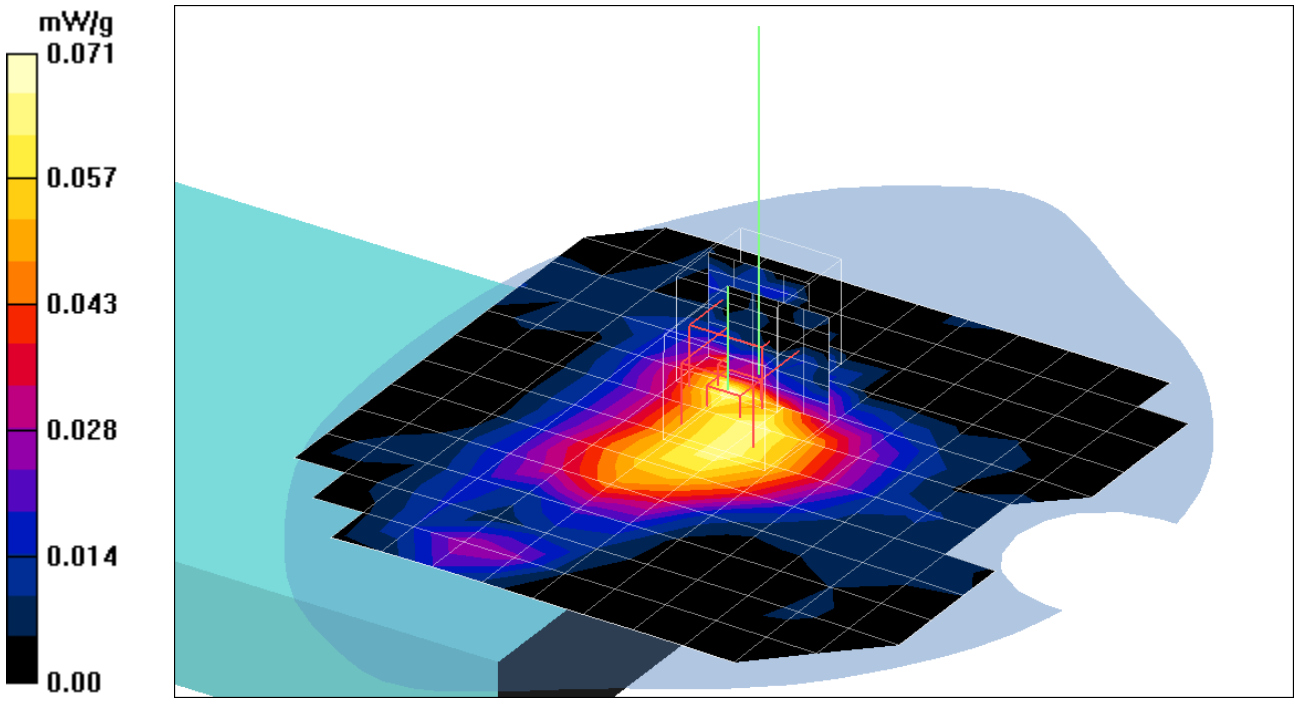
Middle CH Rate=1M bit/Area Scan (14x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.071 mW/g

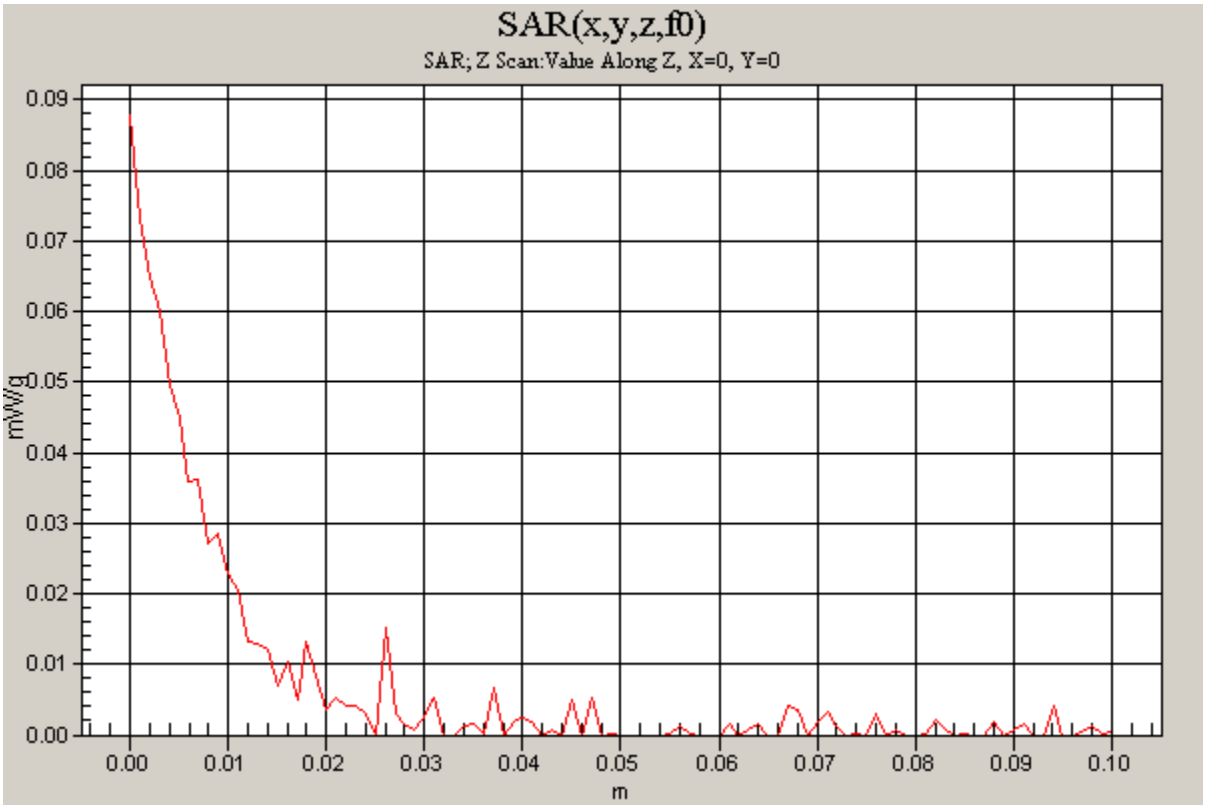
Middle CH Rate=1M bit/Z Scan (1x1x101): Measurement grid: dx=20mm, dy=20mm, dz=1mm
Maximum value of SAR (measured) = 0.088 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.89 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.123 W/kg
SAR(1 g) = 0.0645 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.069 mW/g

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

Reference Value = 5.89 V/m; Power Drift = -0.2 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.0563 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.069 mW/g





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Test Laboratory: Compliance Certification Services Inc.

802.11g Parallel Touch mode

DUT: AquaPAD+; Type: Web Pad; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.93 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g
Zoom scan setting: Maximum number of cubes to measure is 2
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

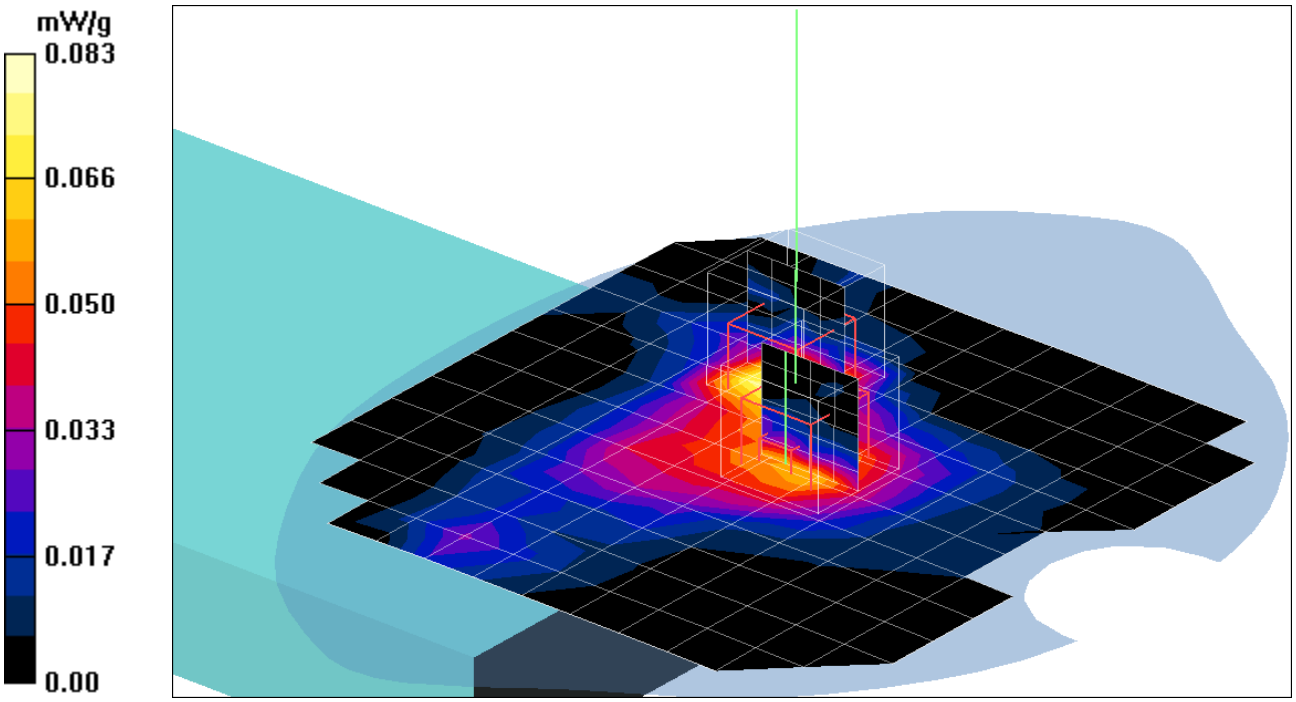
Middle CH Rate=6M bit/Area Scan (14x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.083 mW/g

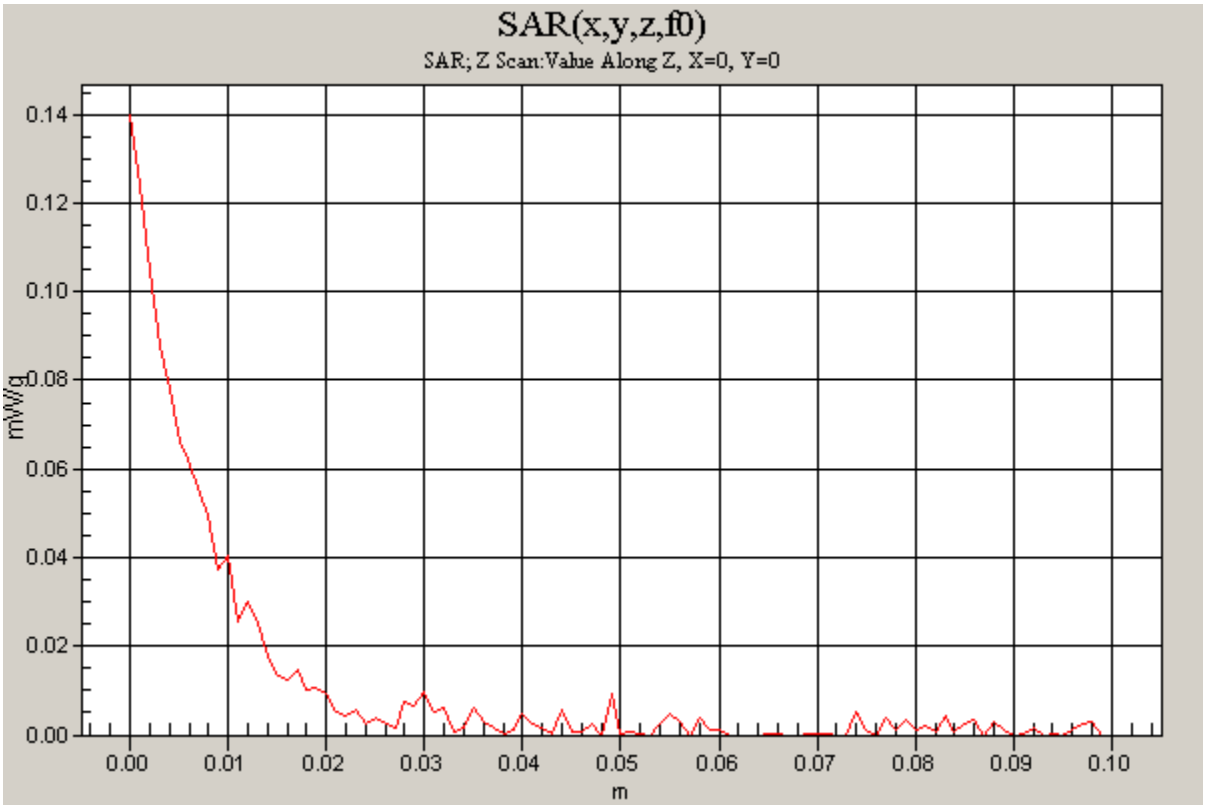
Middle CH Rate=6M bit/Z Scan (1x1x101): Measurement grid: dx=20mm, dy=20mm, dz=1mm
Maximum value of SAR (measured) = 0.140 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 5.60 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.0960 mW/g; SAR(10 g) = 0.0440 mW/g
Maximum value of SAR (measured) = 0.111 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.60 V/m; Power Drift = 0.062 dB
Peak SAR (extrapolated) = 0.076 W/kg
SAR(1 g) = 0.0520 mW/g; SAR(10 g) = 0.0260 mW/g
Maximum value of SAR (measured) = 0.061 mW/g





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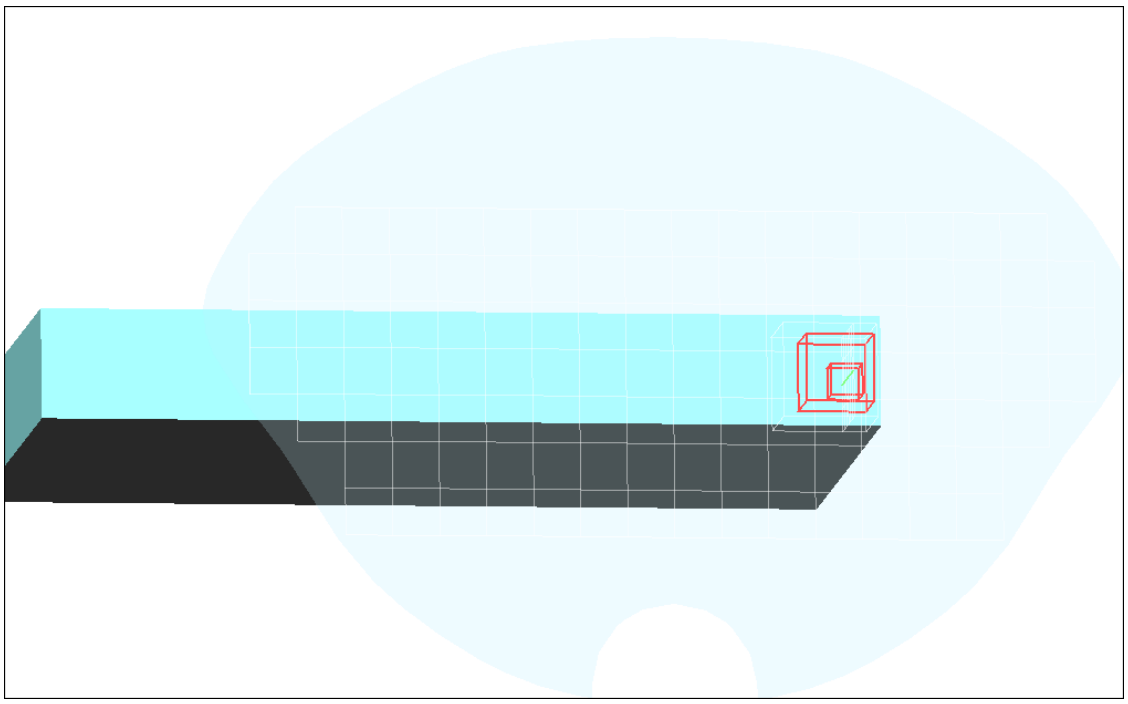
Test Laboratory: Compliance Certification Services Inc.

Test Configuration-2



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Test Laboratory: Compliance Certification Services Inc.

802.11b Side Touch mode

DUT: AquaPAD+; Type: Web Pad; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.93 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g
Zoom scan setting: Maximum number of cubes to measure is 2
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

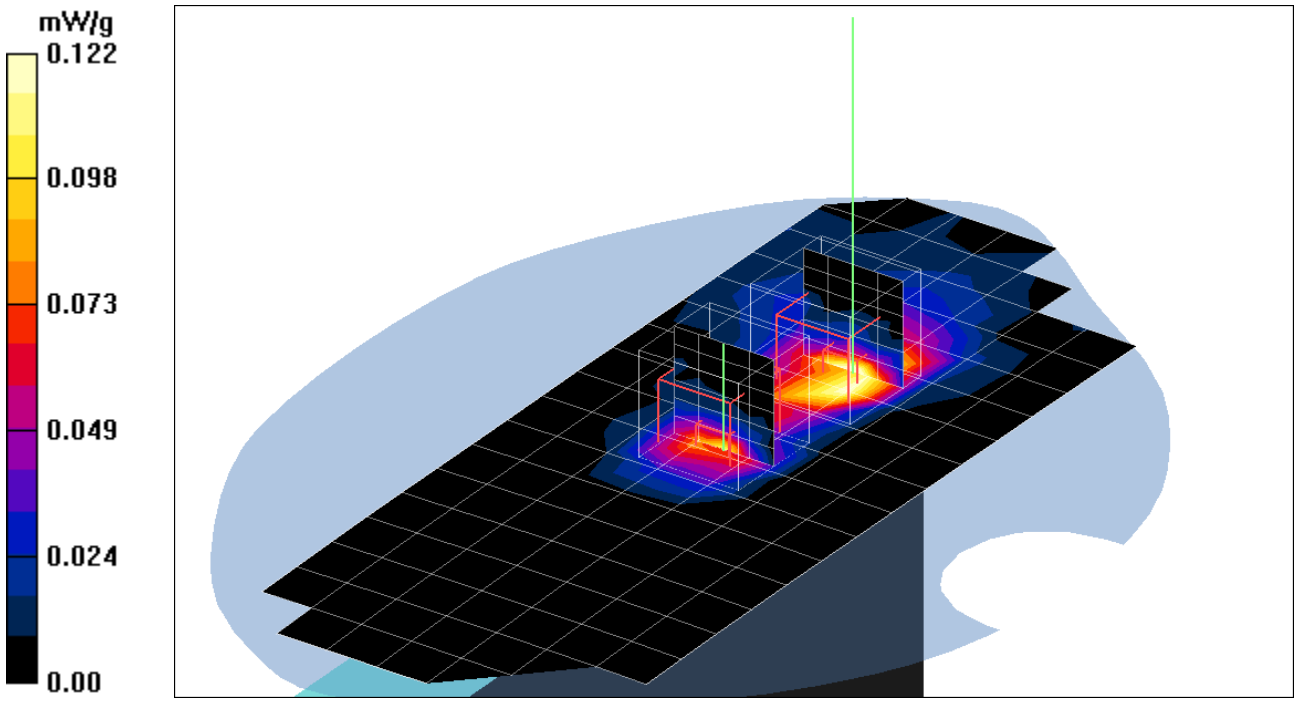
Middle CH Rate=1M bit/Area Scan (8x20x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.122 mW/g

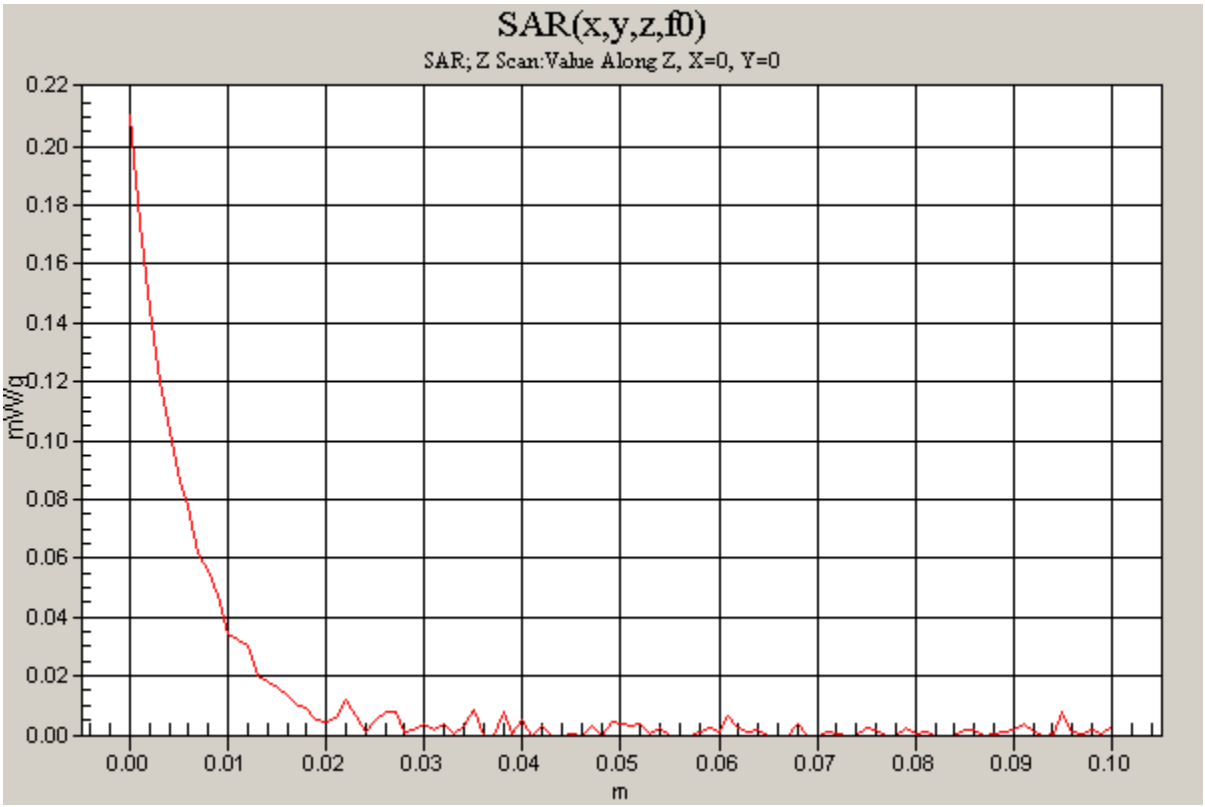
Middle CH Rate=1M bit/Z Scan (1x1x101): Measurement grid: dx=20mm, dy=20mm, dz=1mm
Maximum value of SAR (measured) = 0.211 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.74 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.142 mW/g

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

Reference Value = 7.74 V/m; Power Drift = -0.150 dB
Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.040 mW/g
Maximum value of SAR (measured) = 0.115 mW/g





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Test Laboratory: Compliance Certification Services Inc.

802.11g Side Touch mode

DUT: AquaPAD+; Type: Web Pad; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.93 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Air Temperature:24.6 deg C;Liquid Temperature:23.6 deg C
Area scan setting: Find secondary maxima within 2 dB, and with a peak SAR value greater than 0.0012 mW/g
Zoom scan setting: Maximum number of cubes to measure is 2
Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(6.14, 6.14, 6.14); Calibrated: 11/19/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 146

Middle CH Rate=6M bit/Area Scan (9x20x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.121 mW/g

Middle CH Rate=6M bit/Z Scan (1x1x101): Measurement grid: dx=20mm, dy=20mm, dz=1mm
Maximum value of SAR (measured) = 0.253 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 7.90 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.170 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.90 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.053 mW/g
Maximum value of SAR (measured) = 0.148 mW/g