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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 = 1.98 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.1 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

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

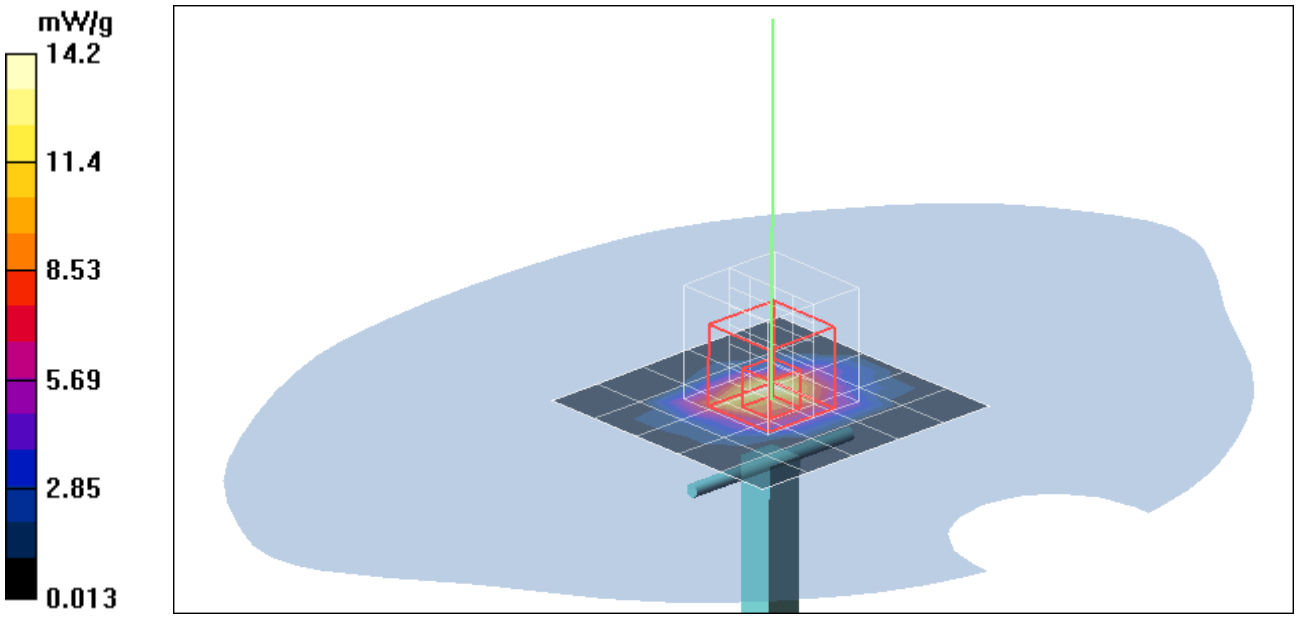
Maximum value of SAR (measured) = 14.2 mW/g

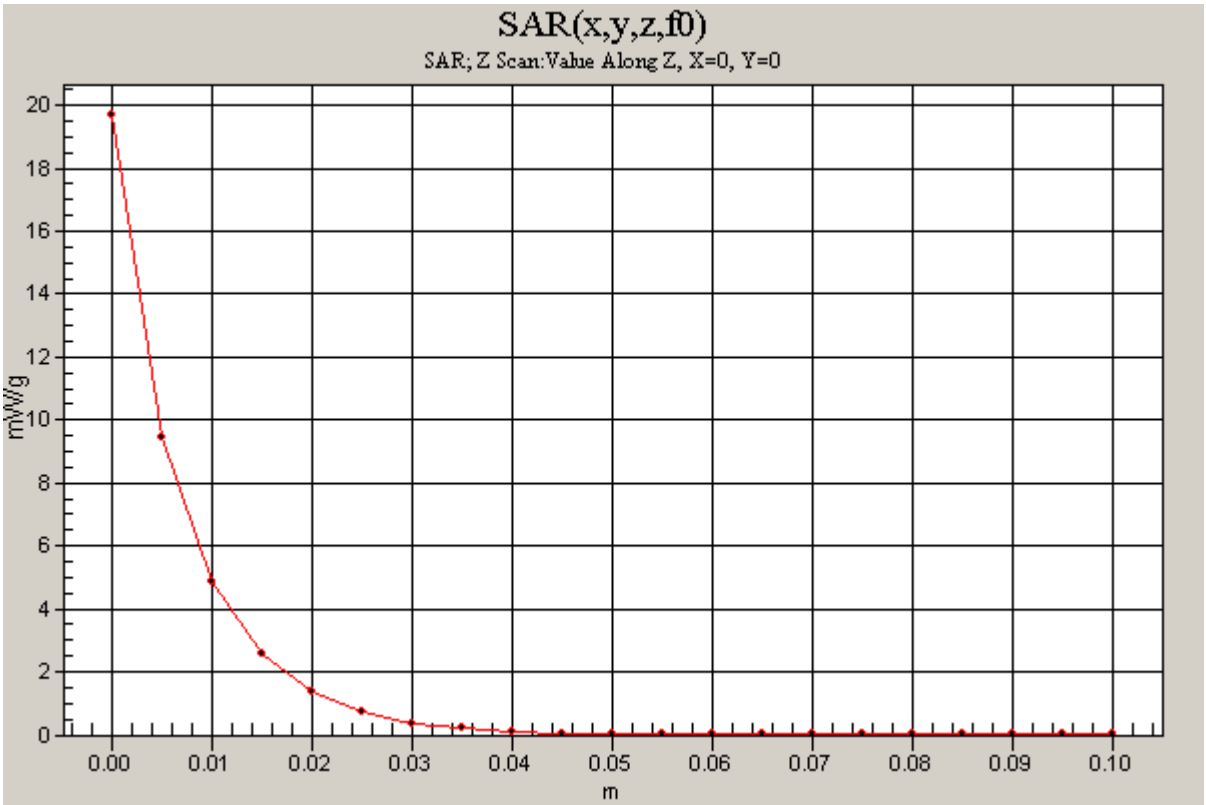
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 95.1 V/m; Power Drift = -0.056 dB
Peak SAR (extrapolated) = 28.2 W/kg
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.201 mW/g
Maximum value of SAR (measured) = 19.3 mW/g

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

Maximum value of SAR (measured) = 19.7 mW/g


mW/g
14.2
11.4
8.53
5.69
2.85
0.013


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

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Test Laboratory: Compliance Certification Services Inc.

802.11b Bottom Flat Touch mode ILxx

DUT: ILXX; Type: Notebook Computer; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.93 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.1 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Low CH Rate=1M bit/Area Scan (14x19x1): Measurement grid: dx=15mm, dy=15mm

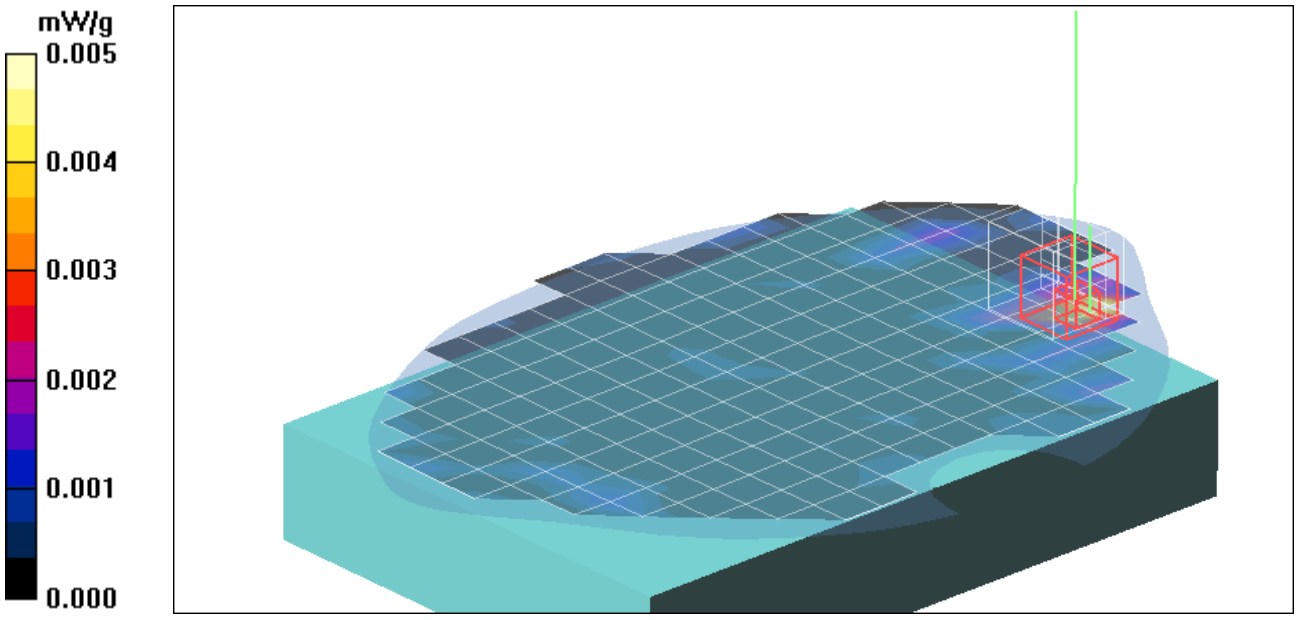
Maximum value of SAR (measured) = 0.005 mW/g

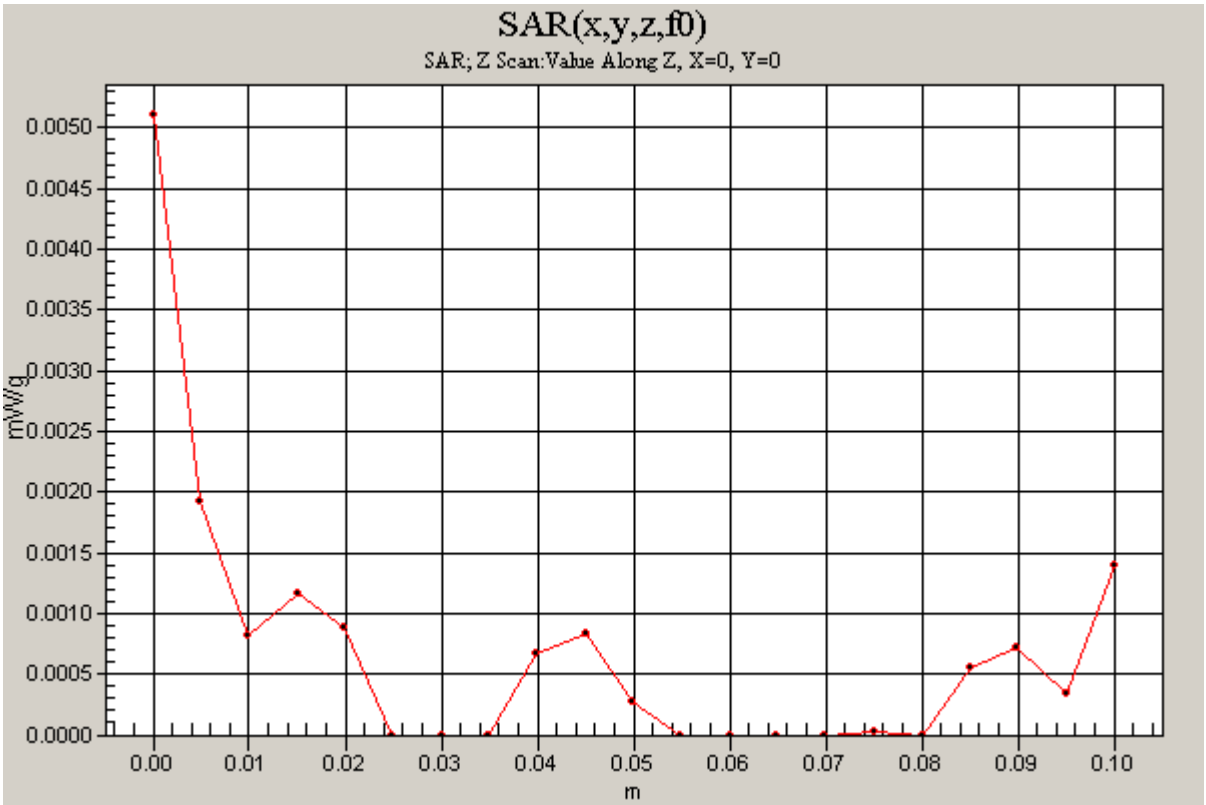
Low CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 0.723 V/m; Power Drift = 999.0 dB
Peak SAR (extrapolated) = 0.013 W/kg
SAR(1 g) = 0.00492 mW/g; SAR(10 g) = 0.00122 mW/g
Maximum value of SAR (measured) = 0.004 mW/g

Middle CH Rate=1M bit/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.003 mW/g.


mW/g
0.005
0.004
0.003
0.002
0.001
0.000


SAR(x,y,z,f0)
SAR; Z Scan:Value Along Z, X=0, Y=0
mW/g
0.0050
0.0045
0.0040
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
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 Bottom Flat Touch mode ILxx

DUT: ILXX; Type: Notebook Computer; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.1 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

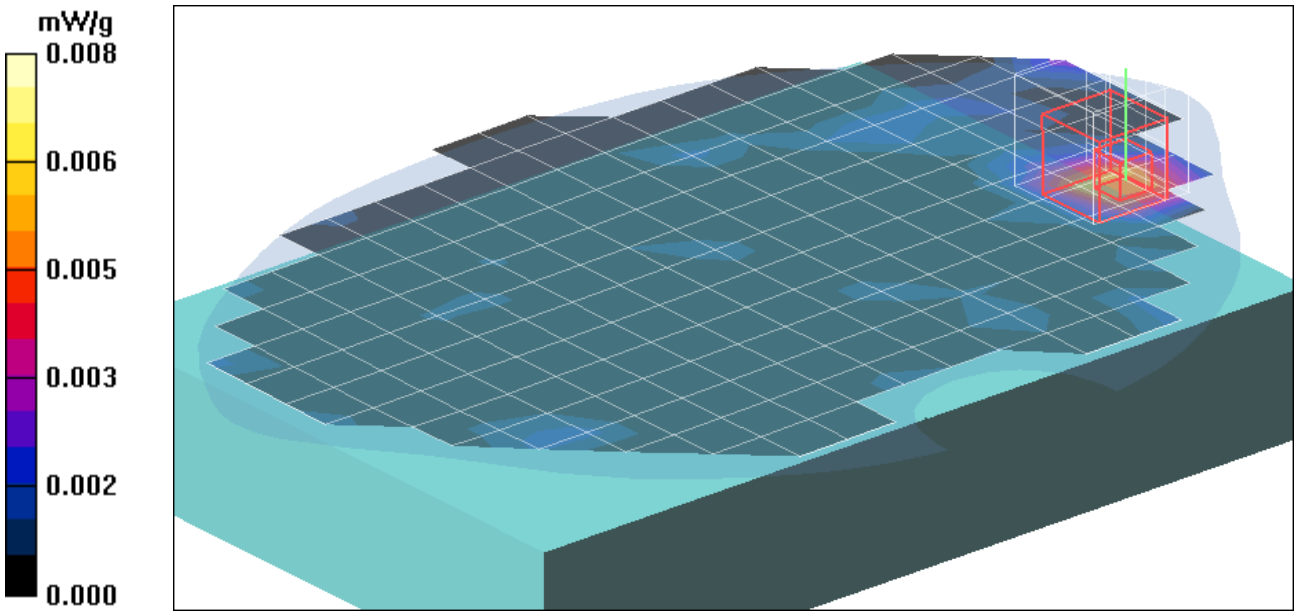
- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH Rate=1M bit/Area Scan (14x19x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.006 mW/g

Middle CH Rate=1M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.566 V/m; Power Drift = -0.000 dB
Peak SAR (extrapolated) = 0.012 W/kg
SAR(1 g) = 0.00466 mW/g; SAR(10 g) = 0.00198 mW/g
Maximum value of SAR (measured) = 0.008 mW/g


mW/g
0.008
0.006
0.005
0.003
0.002
0.000

Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Flat Touch mode ILxx

DUT: ILXX; Type: Notebook Computer; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.96 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.1 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

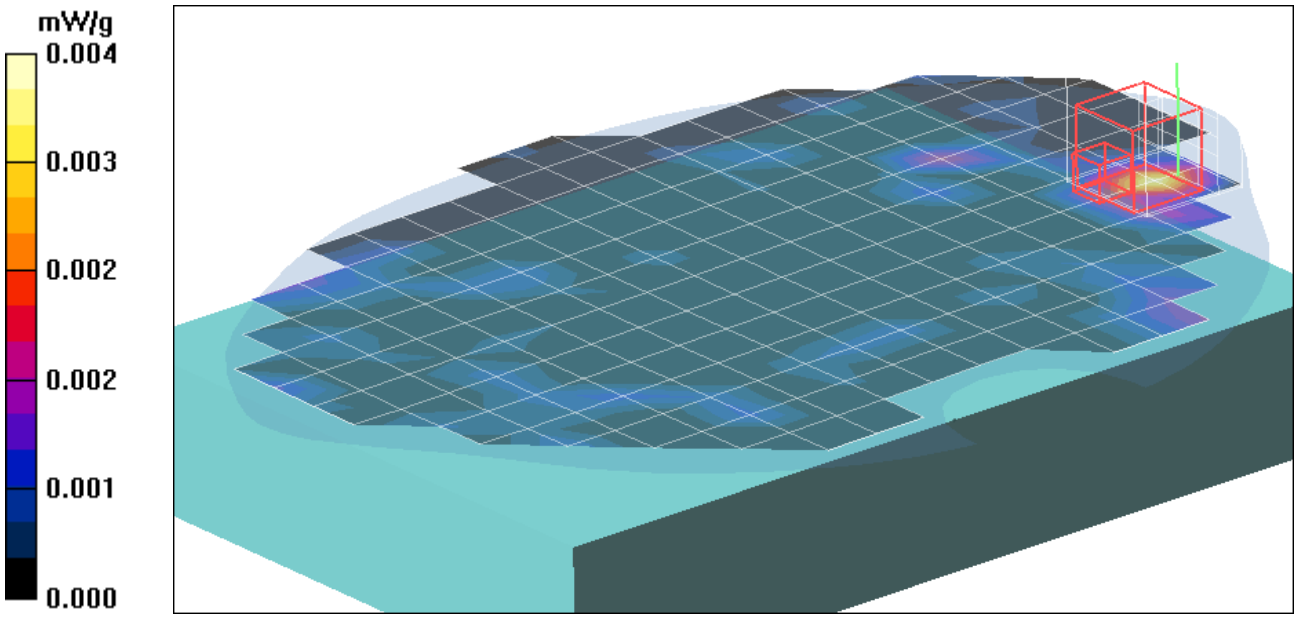
- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Middle CH Rate=6M bit/Area Scan (14x19x1): Measurement grid:

dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.004 mW/g

Middle CH Rate=6M bit/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 0.658 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.006 W/kg
SAR(1 g) = 0.00161 mW/g; SAR(10 g) = 0.000446 mW/g
Maximum value of SAR (measured) = 0.005 mW/g


mW/g
0.004
0.003
0.002
0.002
0.001
0.000

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Test Laboratory: Compliance Certification Services Inc.

802.11g Bottom Flat Touch mode ILxx

DUT: ILXX; Type: Notebook Computer; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.99 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Air Temperature:24.1 deg C;Liquid Temperature:23.1 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3552; ConvF(6.95, 6.95, 6.95);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 8/29/2007
- Phantom: SAM 12; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

High CH Rate=6M bit/Area Scan (14x19x1): Measurement grid: dx=15mm, dy=15mm

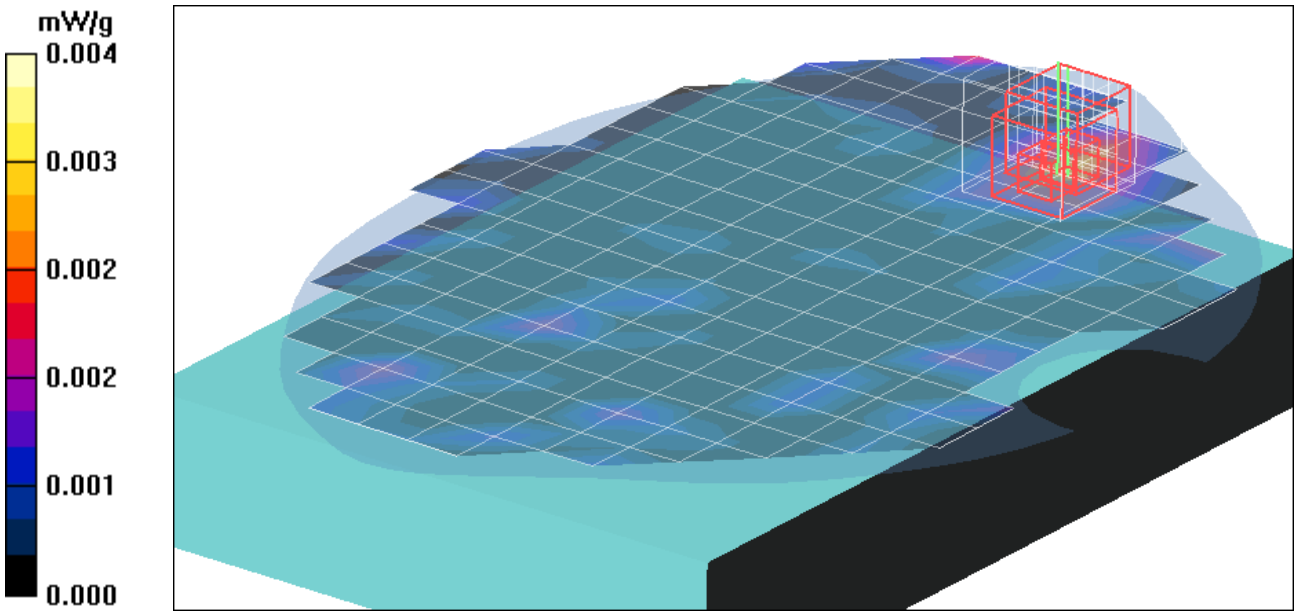
Maximum value of SAR (measured) = 0.003 mW/g

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

Reference Value = 0.600 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.011 W/kg
SAR(1 g) = 0.00234 mW/g; SAR(10 g) = 0.000483 mW/g
Maximum value of SAR (measured) = 0.004 mW/g

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

Reference Value = 0.600 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.007 W/kg
SAR(1 g) = 0.002 mW/g; SAR(10 g) = 0.000575 mW/g
Maximum value of SAR (measured) = 0.005 mW/g


mW/g
0.004
0.003
0.002
0.002
0.001
0.000