

Test Laboratory: Compliance Certification Services Inc.

D2450V2 SN 728

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; $\sigma = 1.99$ mho/m; $\epsilon_r = 51.6$; $\rho = 1000$ kg/m³

Air Temperature: 25.5 deg C; Liquid Temperature: 24.5 deg C

Area scan setting: Find secondary maximum within 2.0 dB ; Zoom scan setting: Maximum number of cubes to measure 2

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(4.41, 4.41, 4.41); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

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

Maximum value of SAR (measured) = 10.3 mW/g

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

Maximum value of SAR (measured) = 14.3 mW/g

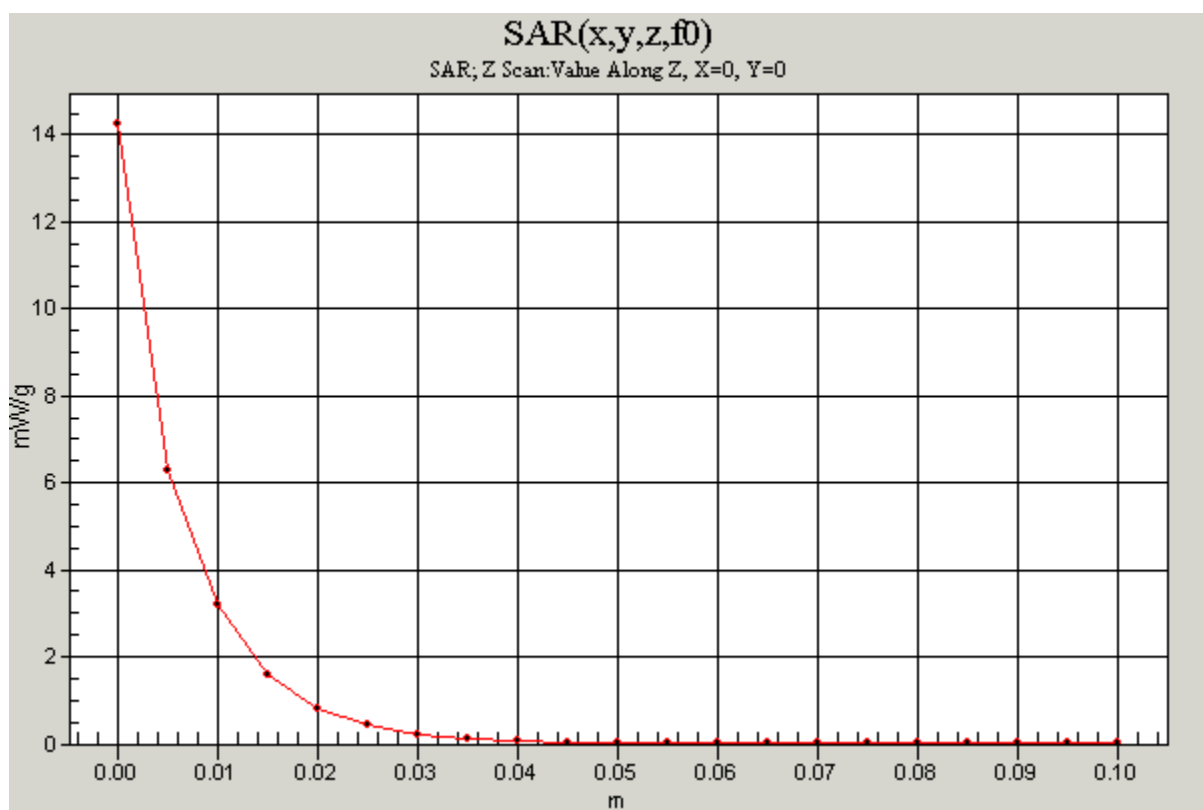
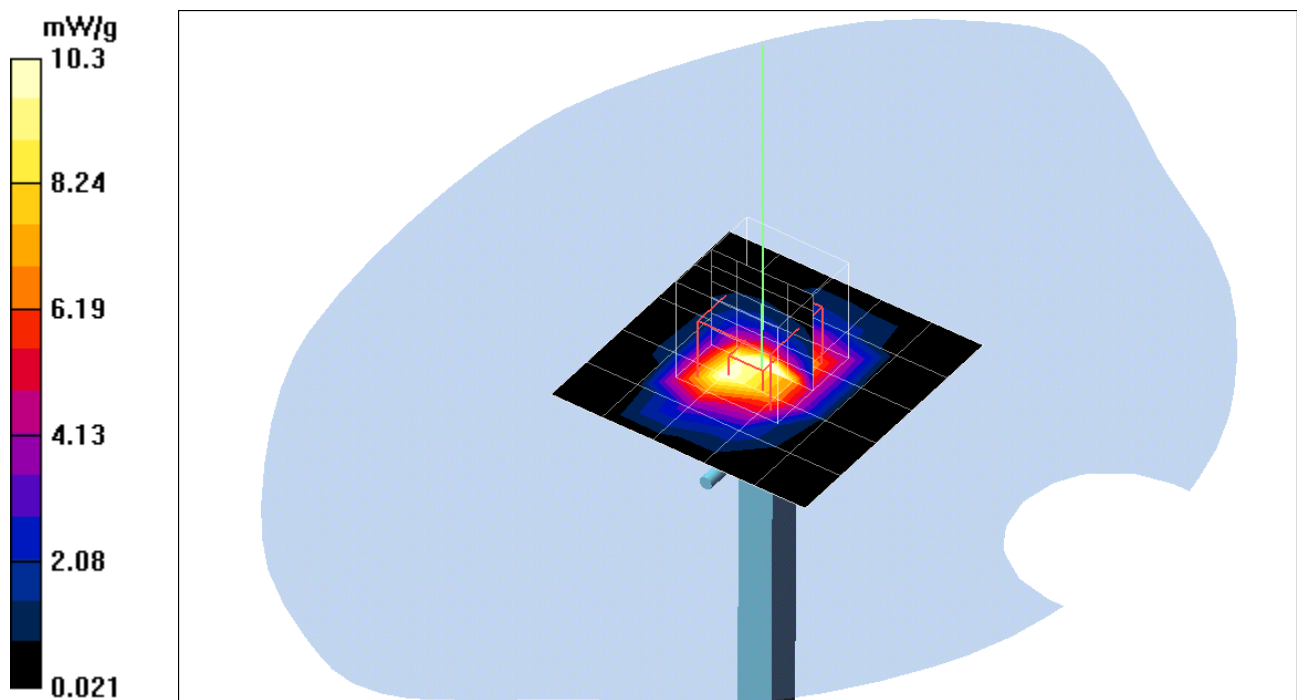
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.9 V/m; Power Drift = -0.001 dB

Peak SAR (extrapolated) = 31.9 W/kg

SAR(1 g) = 13.3 mW/g; SAR(10 g) = 5.9 mW/g

Maximum value of SAR (measured) = 14.8 mW/g



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; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Air Temperature: 23.6 deg C; Liquid Temperature: 22.4 deg C

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, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

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

Maximum value of SAR (measured) = 9.95 mW/g

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

Maximum value of SAR (measured) = 23.1 mW/g

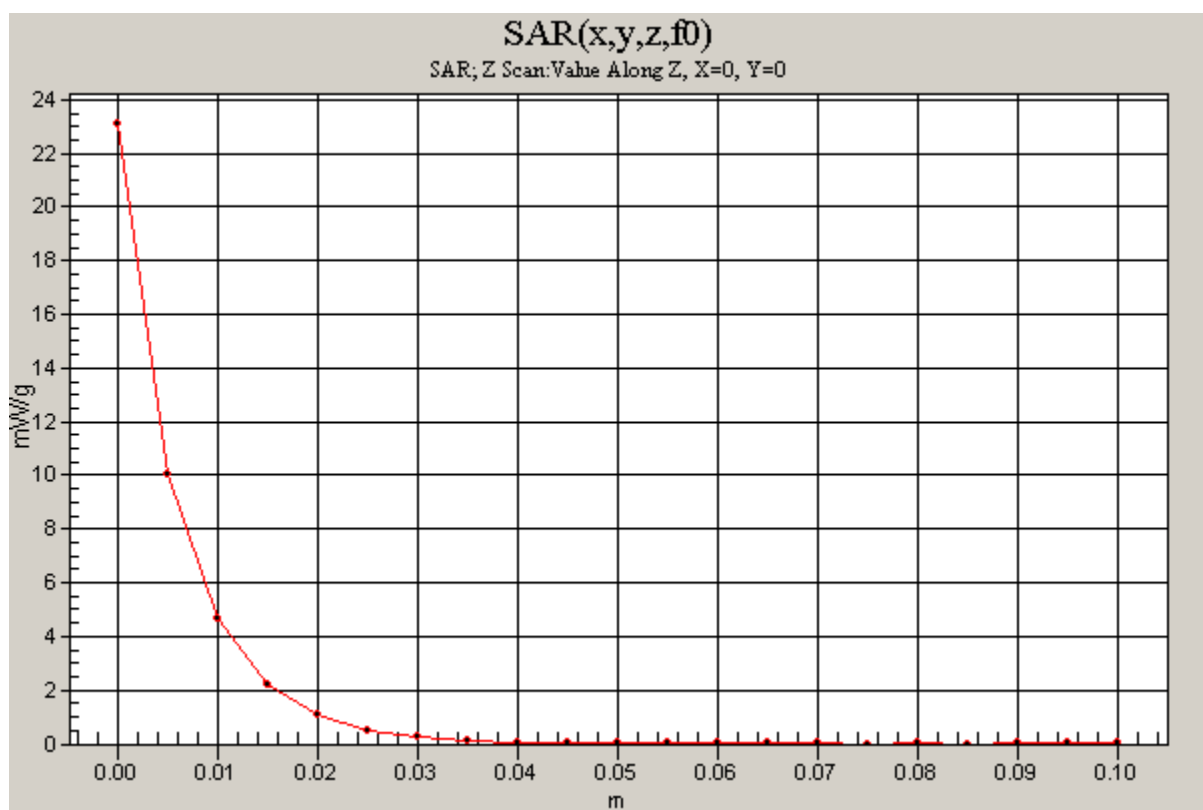
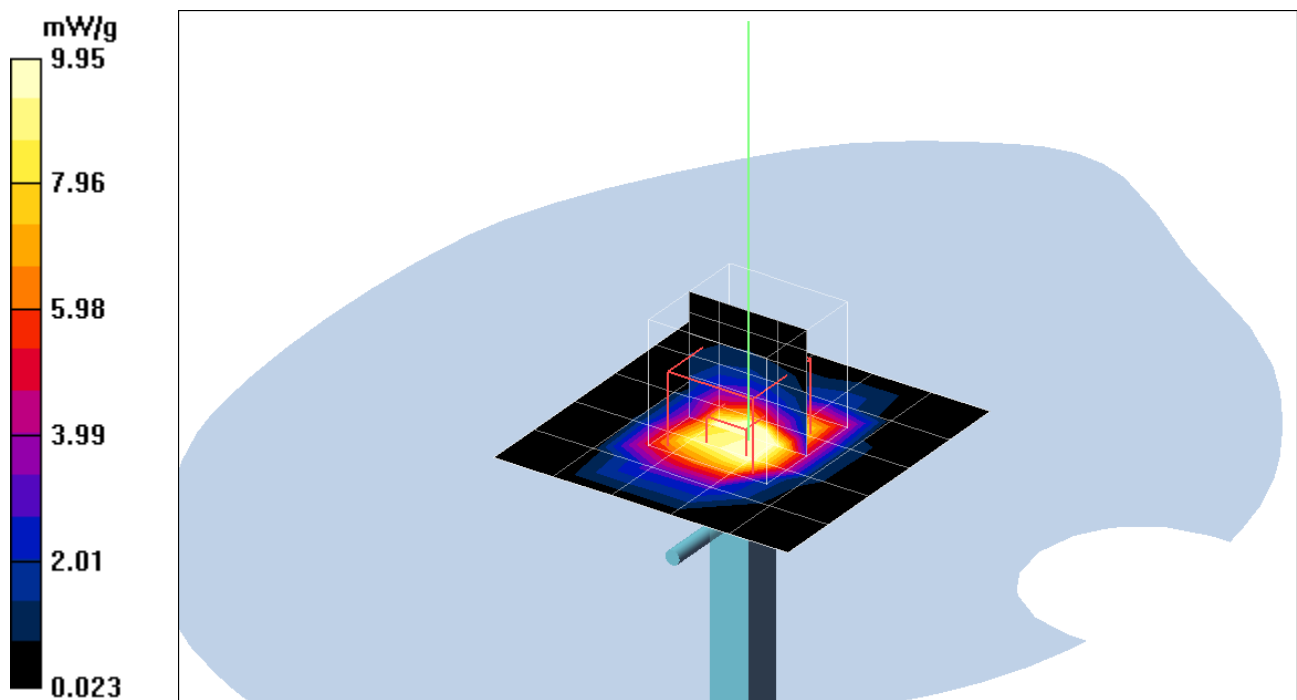
Pin=250mW,d=10mm/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 88.9 V/m; Power Drift = 0.1 dB

Peak SAR (extrapolated) = 32.1 W/kg

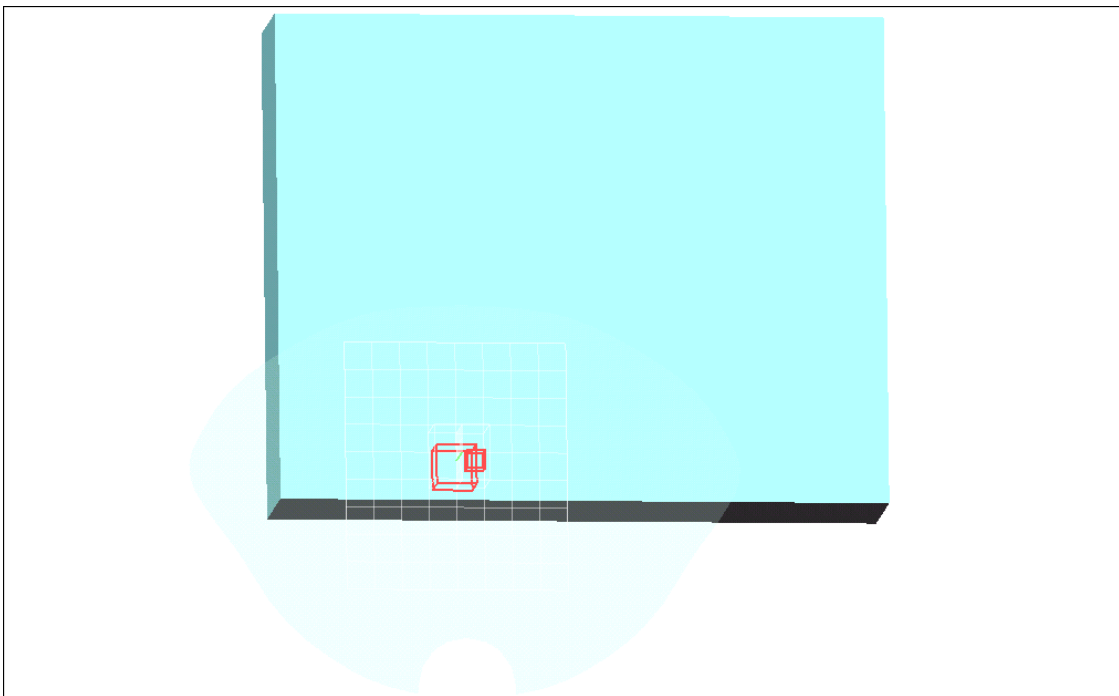
SAR(1 g) = 14.0 mW/g; SAR(10 g) = 6.14 mW/g

Maximum value of SAR (measured) = 15.9 mW/g



Test Laboratory: Compliance Certification Services Inc.

Test Configuration-1



Test Laboratory: Compliance Certification Services Inc.

Touch mode-Ant WLAN

DUT: Notebook PC; Type: Revolution plus; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.5 deg C; Liquid Temperature: 24.5 deg C

Area scan setting: Find secondary maximum within 2.0 dB ; Zoom scan setting: Maximum number of cubes to measure 2
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(4.41, 4.41, 4.41); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Middle CH Rate=1M bit 2/Area Scan (10x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.00756 mW/g

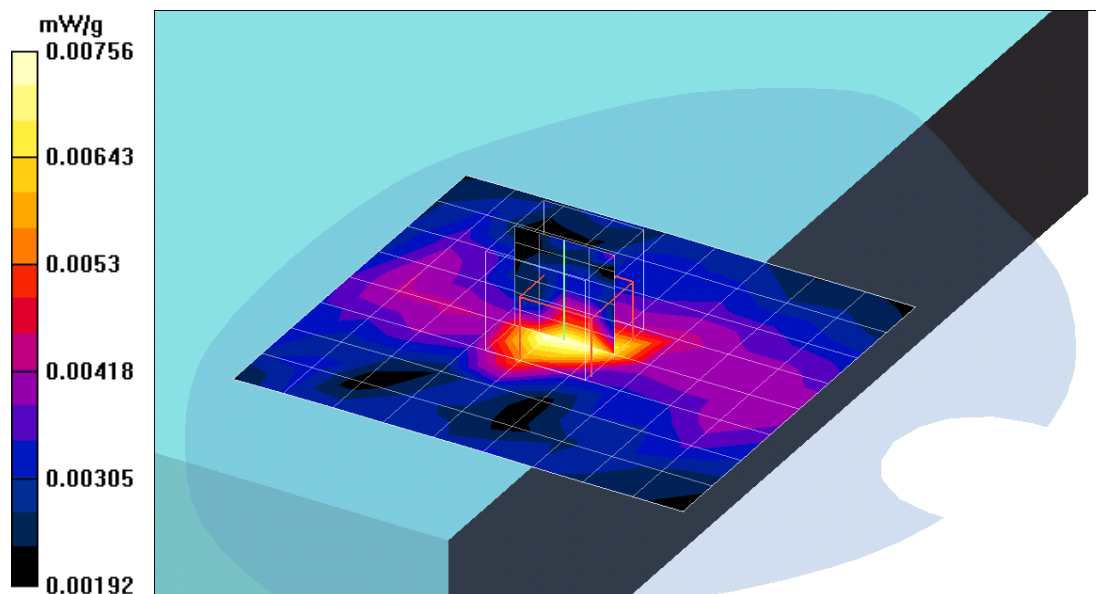
Middle CH Rate=1M bit 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.61 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.193 W/kg

SAR(1 g) = 0.00727 mW/g; SAR(10 g) = 0.00439 mW/g

Maximum value of SAR (measured) = 0.00726 mW/g



Test Laboratory: Compliance Certification Services Inc.

Touch mode-Ant WLAN with Bluetooth on

DUT: Notebook PC; Type: Revolution plus; Serial: N/A

Communication System: IEEE 802.11b WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.99 \text{ mho/m}$; $\epsilon_r = 51.6$; $\rho = 1000 \text{ kg/m}^3$

Air Temperature: 25.5 deg C; Liquid Temperature: 24.5 deg C

Area scan setting: Find secondary maximum within 2.0 dB ; Zoom scan setting: Maximum number of cubes to measure 2
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1763; ConvF(4.41, 4.41, 4.41); Calibrated: 3/23/2004
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.3 Build 16; Postprocessing SW: SEMCAD, V1.8 Build 123

Co-Location Middle CH Rate=1M bit/Area Scan (11x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.010 mW/g

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

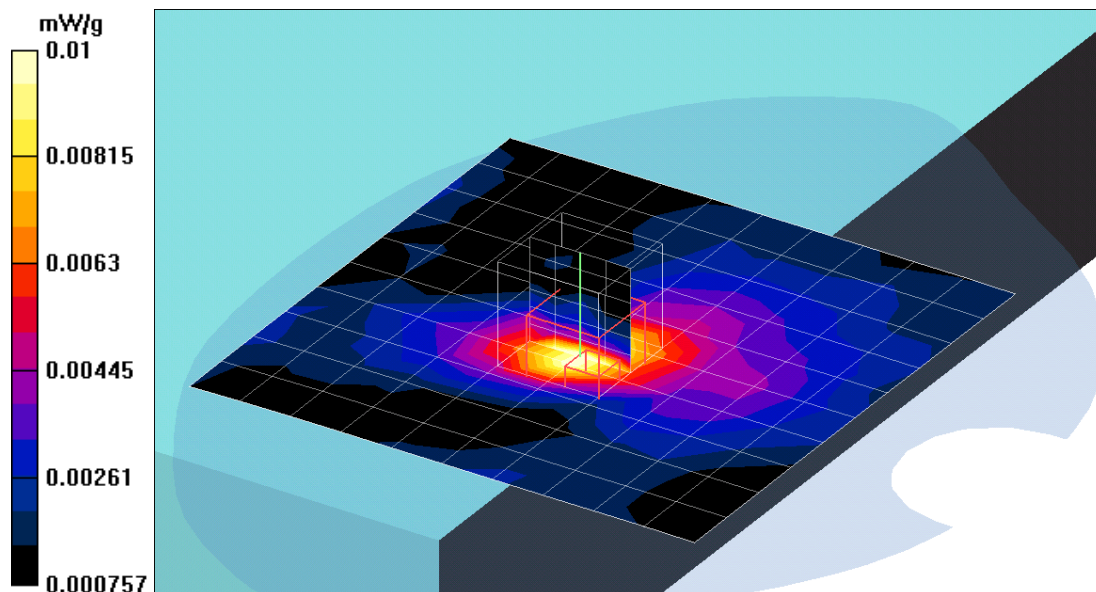
$dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.06 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00494 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



Test Laboratory: Compliance Certification Services Inc.

Touch mode-Ant WLAN

DUT: TABLE PC; Type: Revolution plus; Serial: N/A

Communication System: IEEE 802.11g WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.3$; $\rho = 1000$ kg/m³

Air Temperature: 23.6 deg C; Liquid Temperature: 22.4 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)
- Electronics: DAE3 Sn558; Calibrated: 8/24/2004
- Phantom: SAM 34; Type: SAM V4.0; Serial: TP-1150
- Measurement SW: DASY4, V4.4 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 130

Middle CH Rate=6M bit/Area Scan (12x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.017 mW/g

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

Reference Value = 0.721 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.000567 mW/g; SAR(10 g) = 0.000123 mW/g

Maximum value of SAR (measured) = 0.021 mW/g

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

Reference Value = 0.721 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.029 W/kg

SAR(1 g) = 0.000476 mW/g; SAR(10 g) = 0.000137 mW/g

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

