

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;  $\sigma = 1.98$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY5 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

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

Maximum value of SAR (measured) = 14.0 mW/g

**Pin=250mW,d=10mm/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 96.3 V/m; Power Drift = -0.022 dB

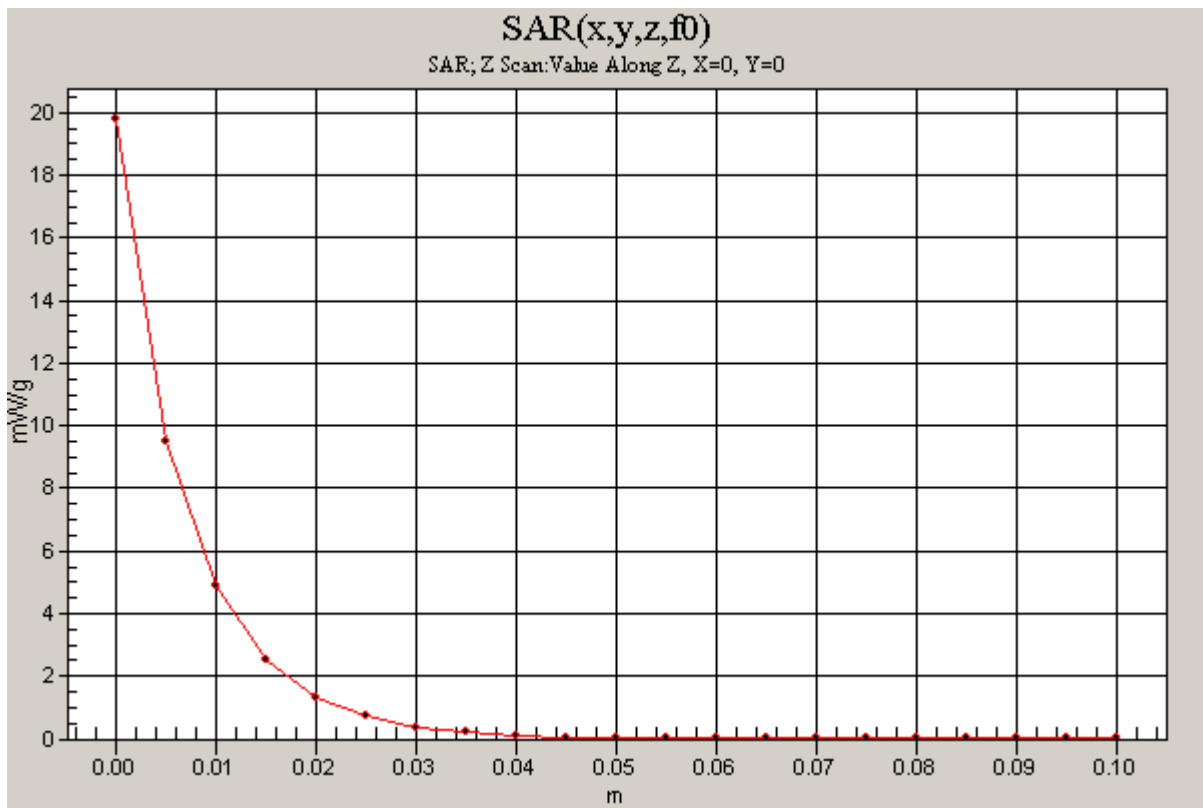
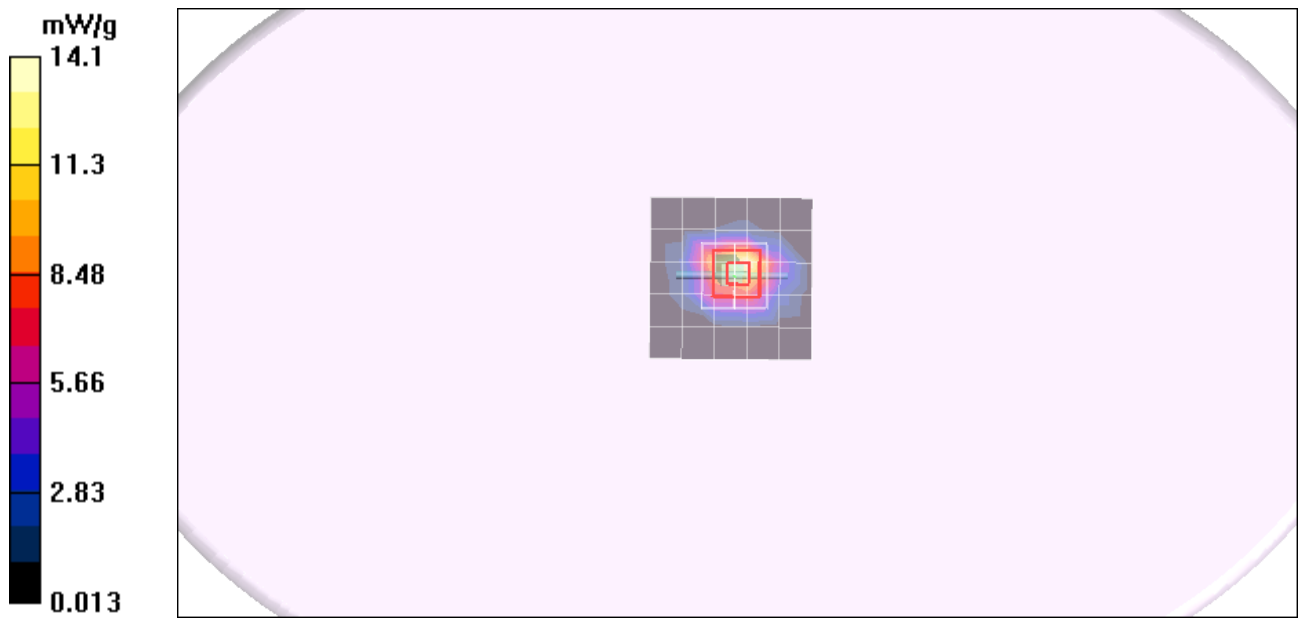
Peak SAR (extrapolated) = 28.2 W/kg

**SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.20 mW/g**

Maximum value of SAR (measured) = 19.0 mW/g

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

Maximum value of SAR (measured) = 19.6 mW/g



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## 80211b Bottom Flat mode SKU-1

**DUT: 802.11b/g WIRELESS LAN PCI-E Minicard; Type: SKU-1; Serial: N/A**

Communication System: IEEE 802.11b WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 51.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY5 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Low CH Rate 1M/Area Scan (16x21x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.004 mW/g

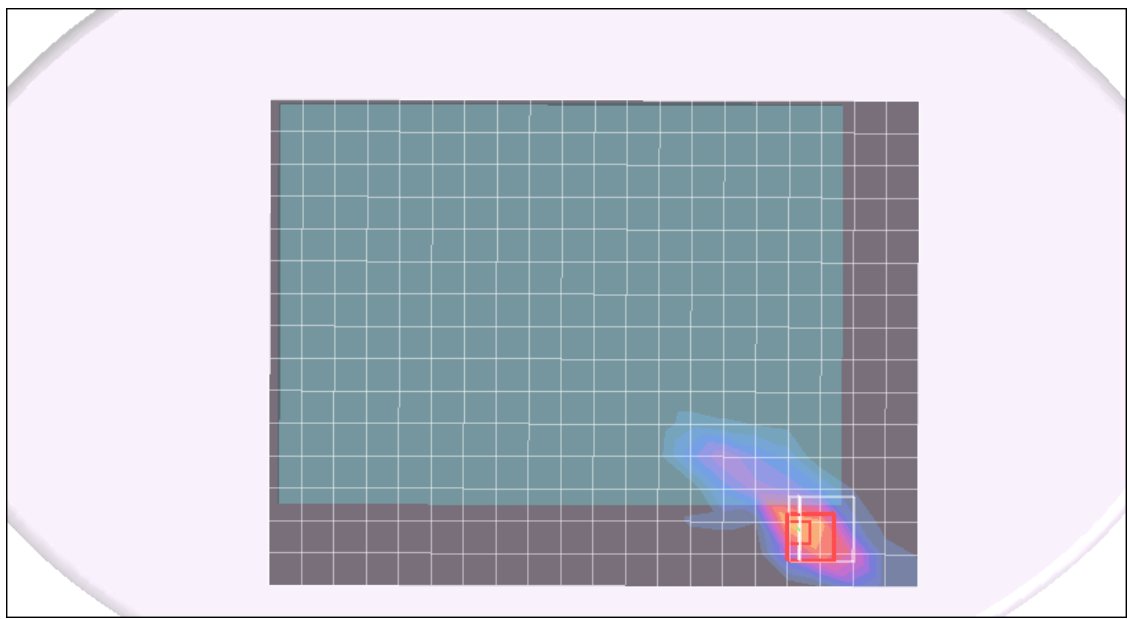
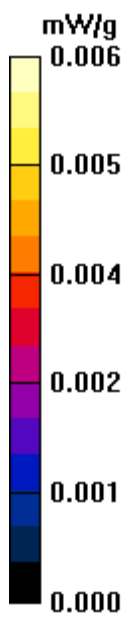
**Low CH Rate 1M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.795 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.022 W/kg

**SAR(1 g) = 0.0064 mW/g; SAR(10 g) = 0.00224 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



Test Laboratory: The name of your organization

## **80211g Bottom Flat mode SKU-1**

**DUT: 802.11b/g WIRELESS LAN PCI-E Minicard; Type: SKU-1; Serial: N/A**

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

Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Air Temperature: 24.6 deg C; Liquid Temperature: 23.6 deg C

Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY5 Configuration:

- Probe: EX3DV4 - SN3671; ConvF(7.17, 7.17, 7.17);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2/3/2009
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1056
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Middle CH Rate 6M/Area Scan (9x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.007 mW/g

**Middle CH Rate 6M/Zoom Scan (7x7x9)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=3mm

Reference Value = 0.856 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.00404 mW/g; SAR(10 g) = 0.00213 mW/g**

Maximum value of SAR (measured) = 0.007 mW/g

**Middle CH Rate 6M/Z Scan (1x1x11):** Measurement grid: dx=20mm, dy=20mm, dz=10mm

Maximum value of SAR (measured) = 0.007 mW/g

