

Test Laboratory: Compliance Certification Services

File Name: [D2450V2SN748_ES3DV2SN3023_071304.da4](#)

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:748

Program Name: System Performance Check at 2450 MHz

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CW - 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.92$ mho/m; $\epsilon_r = 53.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(4.1, 4.1, 4.1); Calibrated: 9/23/2003

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Reference Value = 89.9 V/m; Power Drift = -0.1 dB

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

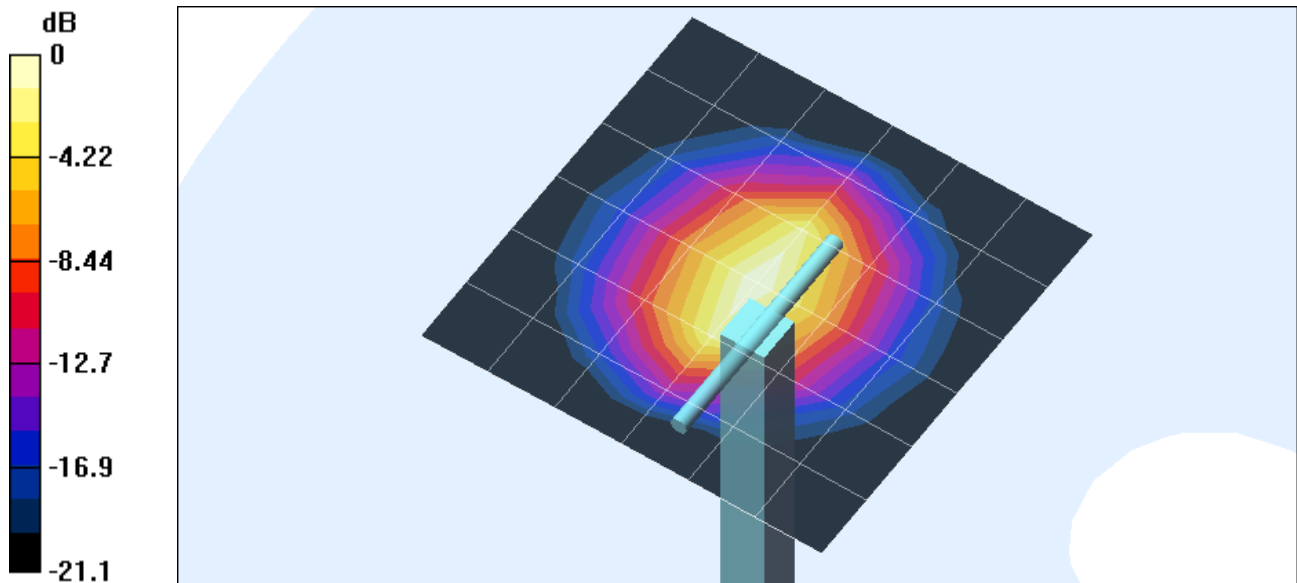
d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 89.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 14.5 mW/g

Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 12.9 mW/g; SAR(10 g) = 6.18 mW/g



0 dB = 14.5mW/g

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Phantom section: Flat Section

d=10mm, Pin=250mW/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 89.9 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 15 mW/g

