

Test Laboratory: Compliance Certification Services

File Name: [D2450V2SN748_ES3DV2SN3021_061704.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; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003

- 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 = 90.2 V/m; Power Drift = -0.002 dB

Maximum value of SAR (measured) = 15.2 mW/g

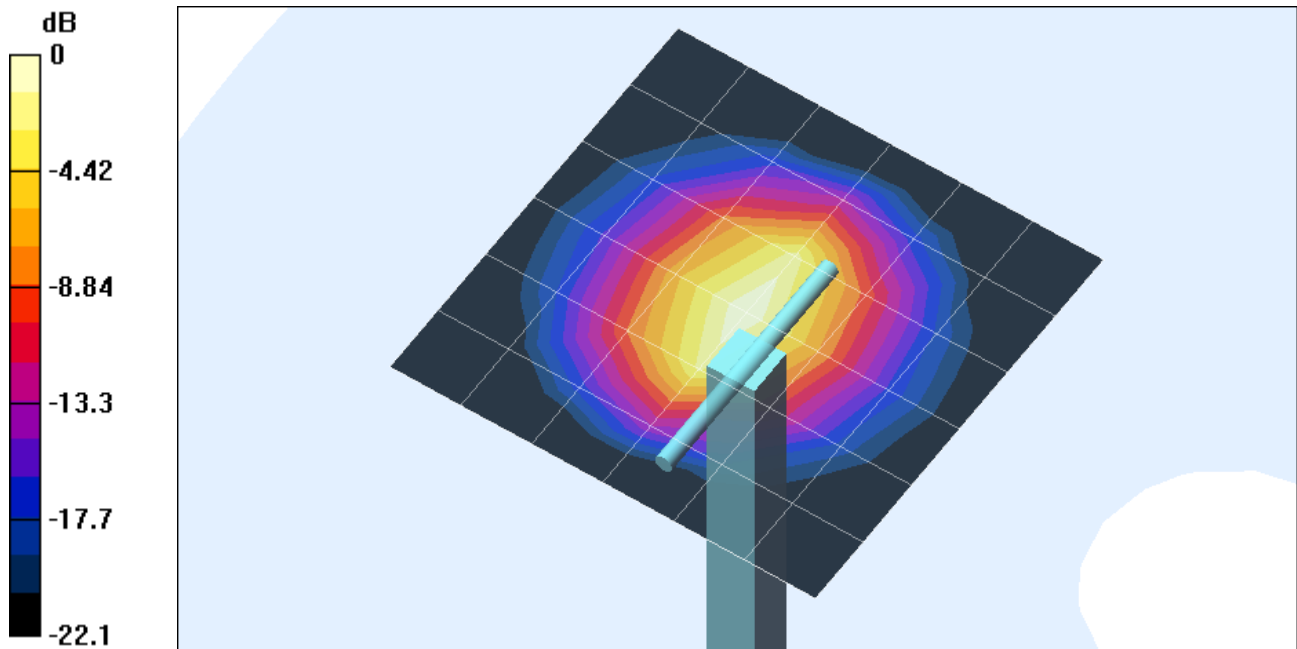
d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 90.2 V/m; Power Drift = -0.002 dB

Maximum value of SAR (measured) = 14.9 mW/g

Peak SAR (extrapolated) = 26.3 W/kg

SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.26 mW/g



0 dB = 14.9mW/g

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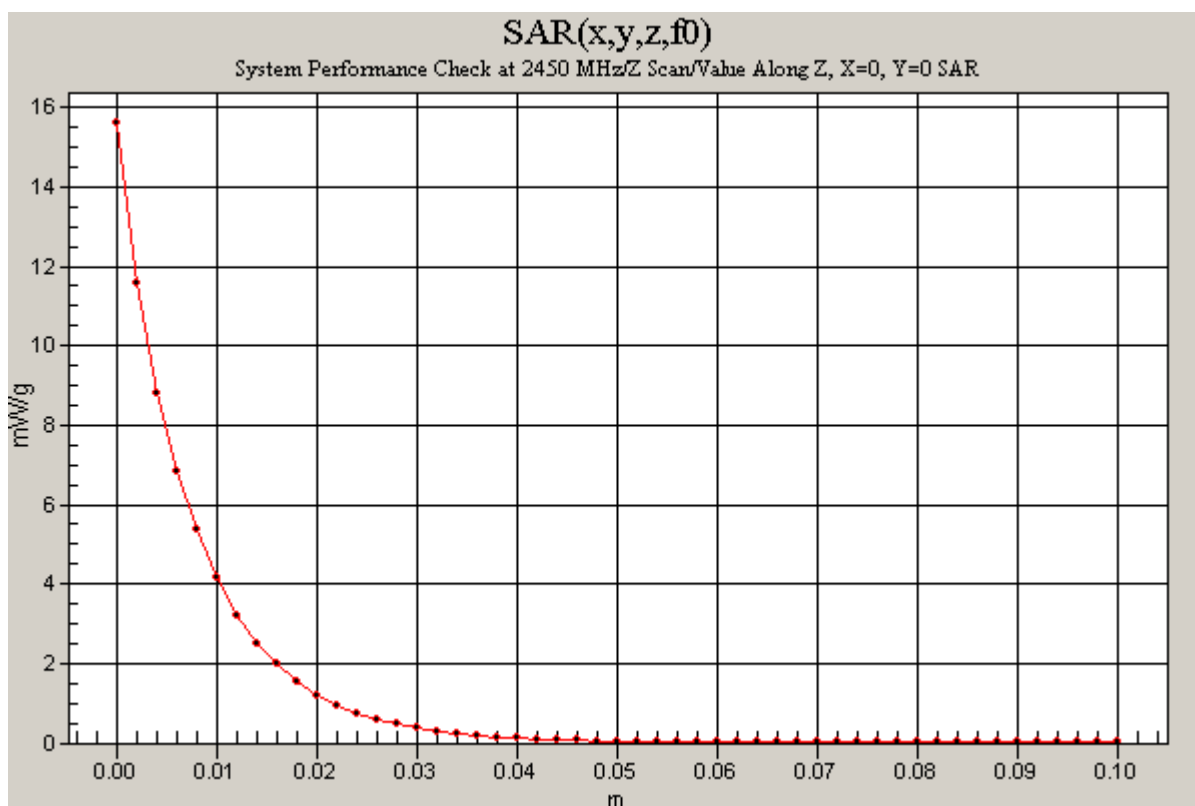
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.99$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Reference Value = 90.2 V/m; Power Drift = -0.006 dB

Maximum value of SAR (measured) = 15.6 mW/g



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File Name: [D2450V2SN748_ES3DV2SN3021_061804.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; $\sigma = 2$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.1, 4.1, 4.1); Calibrated: 7/29/2003

- 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 = 90 V/m; Power Drift = 0.0005 dB

Maximum value of SAR (measured) = 15.3 mW/g

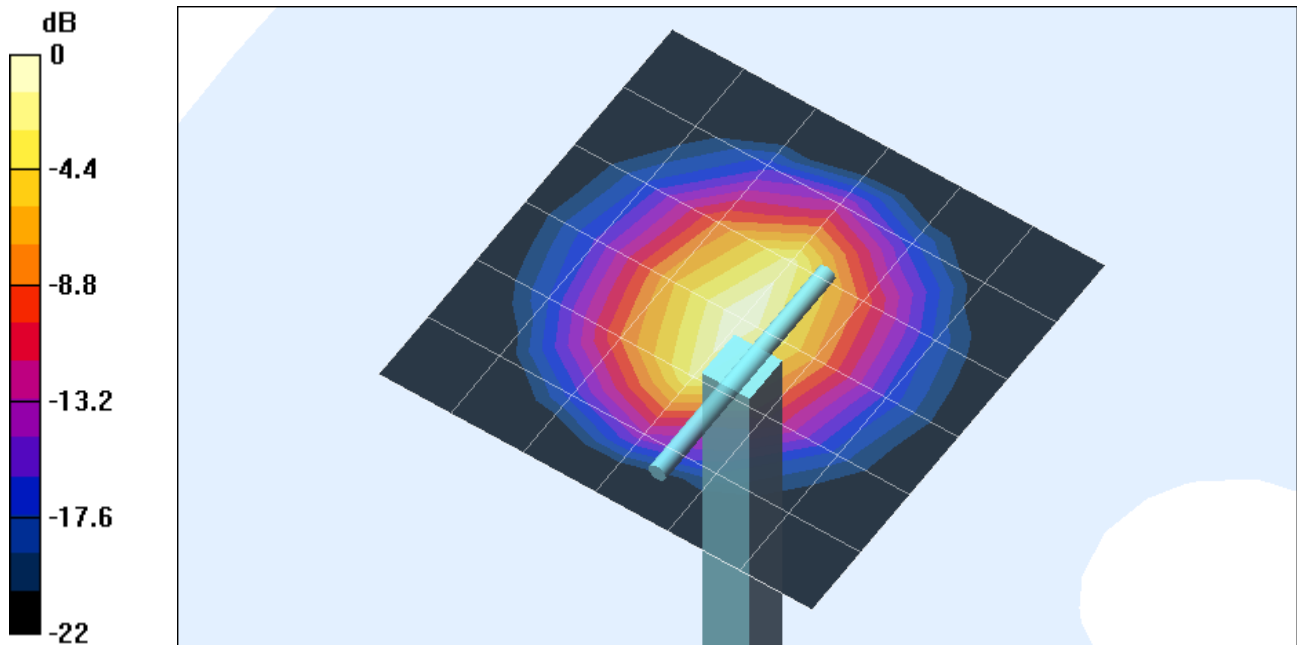
d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 90 V/m; Power Drift = 0.0005 dB

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

Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.25 mW/g



0 dB = 14.8mW/g

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Program Name: System Performance Check at 2450 MHz

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 2$ mho/m; $\epsilon_r = 52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Reference Value = 90 V/m; Power Drift = -0.005 dB

Maximum value of SAR (measured) = 15.3 mW/g

