

Test Laboratory: Compliance Certification Services

D2450V2SN706_Probe 3021_022804

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:706

Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C

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

Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.89 \text{ mho/m}$; $\epsilon_r = 39.3$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.5, 4.5, 4.5); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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

Reference Value = 89.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 14.7 mW/g

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

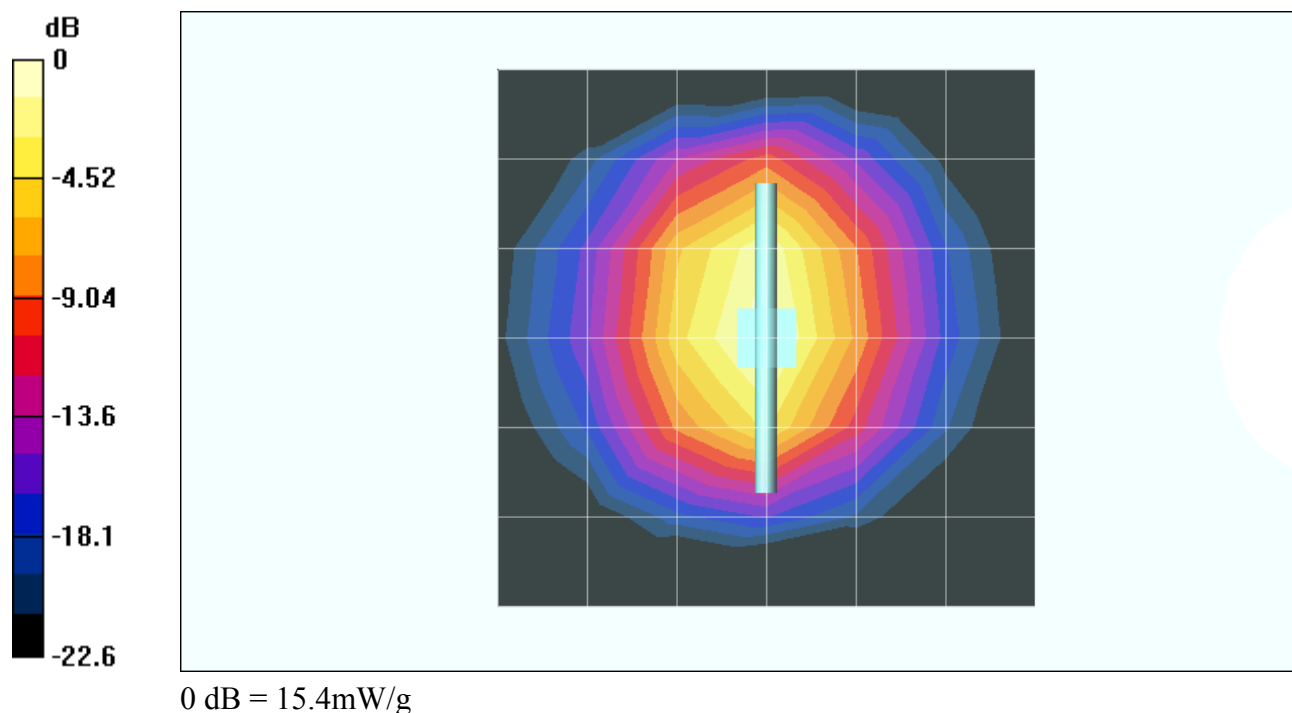
Peak SAR (extrapolated) = 29.4 W/kg

SAR(1 g) = 13.5 mW/g; SAR(10 g) = 6.16 mW/g

Reference Value = 89.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 15.4 mW/g



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DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:706

DASY4 Configuration:

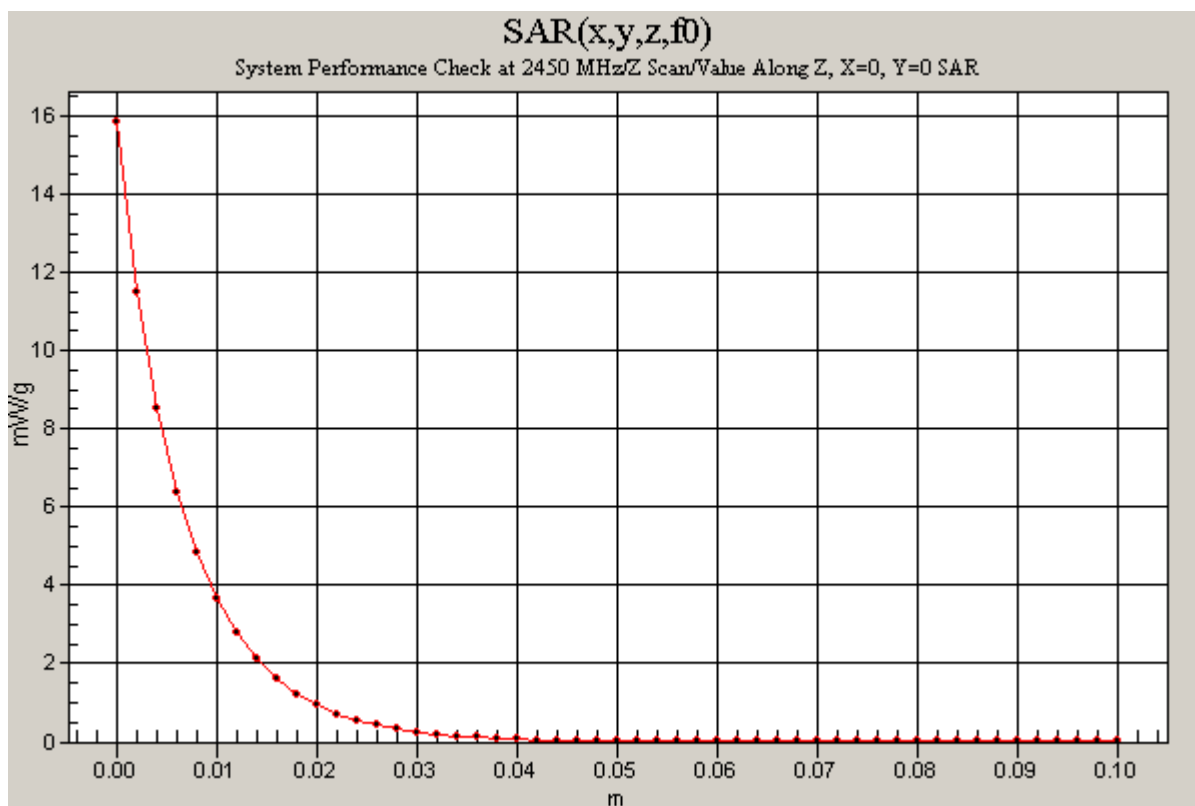
- Probe: ES3DV2 - SN3021; ConvF(4.5, 4.5, 4.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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

Reference Value = 89.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 15.8 mW/g



Test Laboratory: Compliance Certification Services

D2450V2SN706_Probe 3021_030104

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:706

Ambient temperature = 24.5 deg. C; Liquid temperature = 23.0 deg. C

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.5, 4.5, 4.5); Calibrated: 7/29/2003
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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

Reference Value = 91.2 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 14.9 mW/g

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

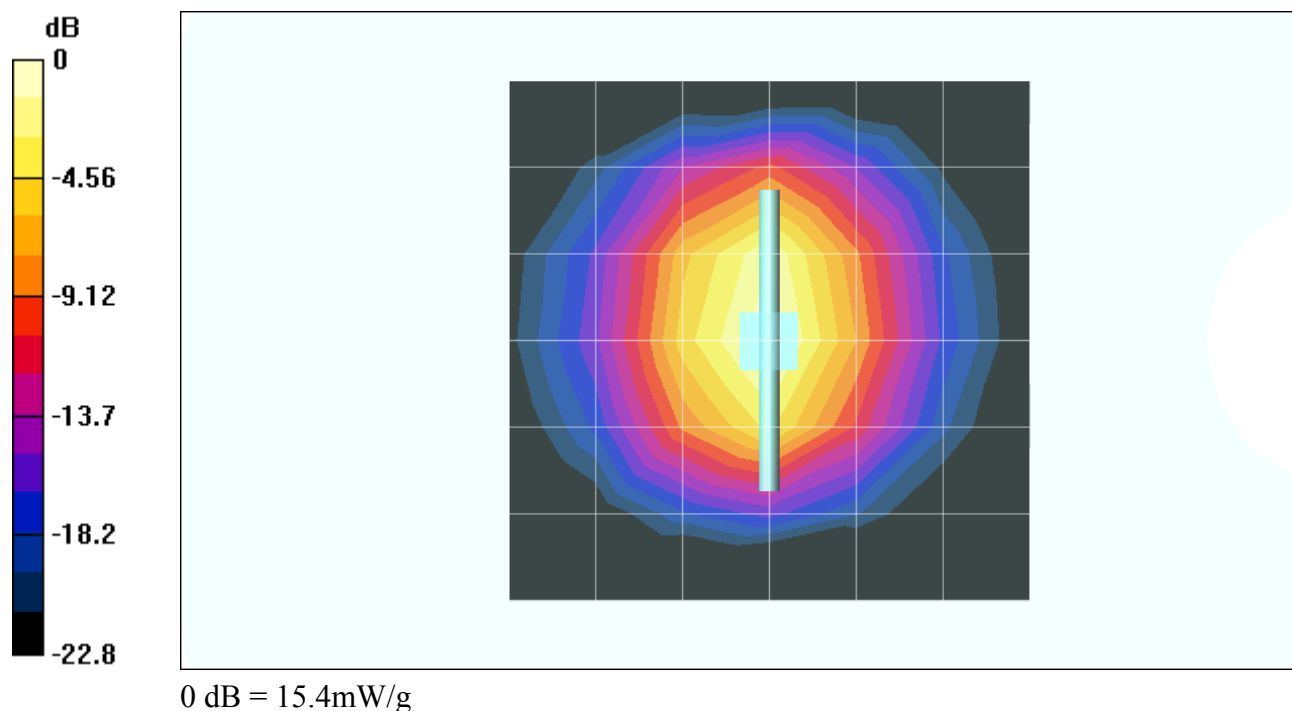
Peak SAR (extrapolated) = 29.6 W/kg

SAR(1 g) = 13.7 mW/g; SAR(10 g) = 6.28 mW/g

Reference Value = 91.2 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 15.4 mW/g



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D2450V2SN706_Probe 3021_030104

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:706

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(4.5, 4.5, 4.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 12; Postprocessing SW: SEMCAD, V1.8 Build 94

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

Reference Value = 91.2 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 15.7 mW/g

