

Test Laboratory: The name of your organization

## D2450V2SN706\_Probe 3021\_040204

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

**Ambient temperature = 24.0 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;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

Measurement Standard: DAS4 (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: DAS4, V4.2 Build 37; Postprocessing SW: SEMCAD, V1.8 Build 109

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

Reference Value = 93.3 V/m; Power Drift = 0.001 dB

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

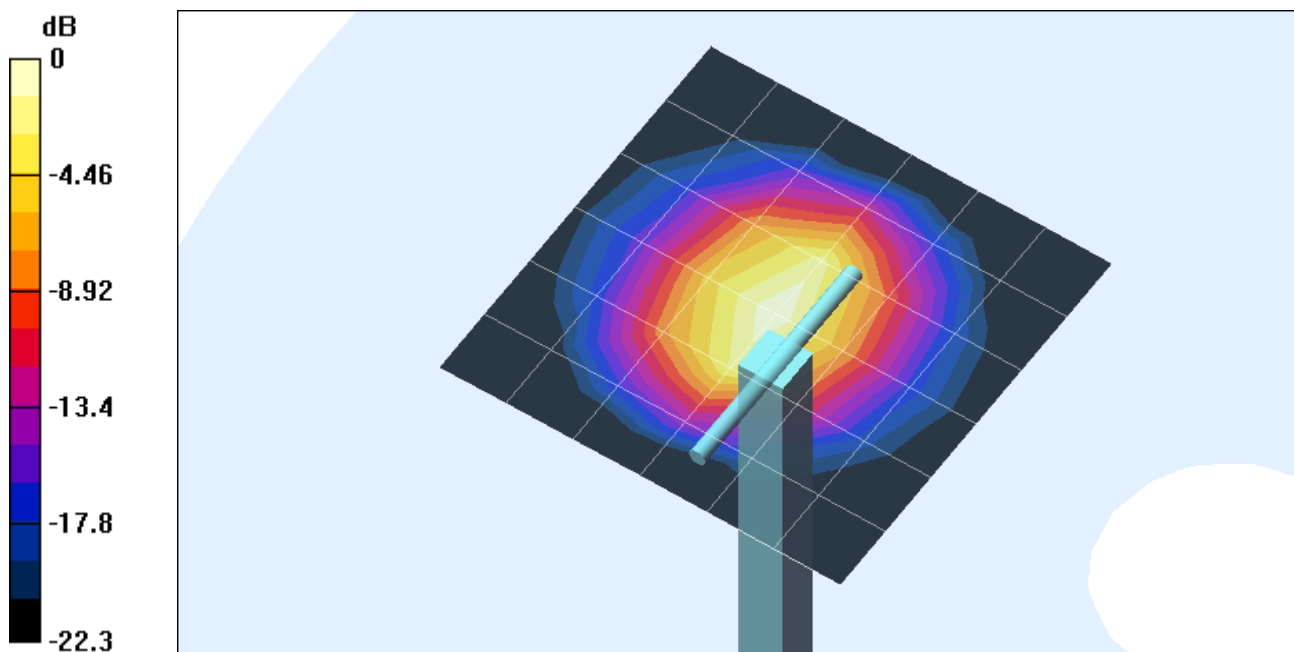
**d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 93.3 V/m; Power Drift = 0.001 dB

Maximum value of SAR (measured) = 15.7 mW/g

Peak SAR (extrapolated) = 29.9 W/kg

**SAR(1 g) = 13.9 mW/g; SAR(10 g) = 6.35 mW/g**



0 dB = 15.7mW/g

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## D2450V2SN706\_Probe 3021\_040204

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

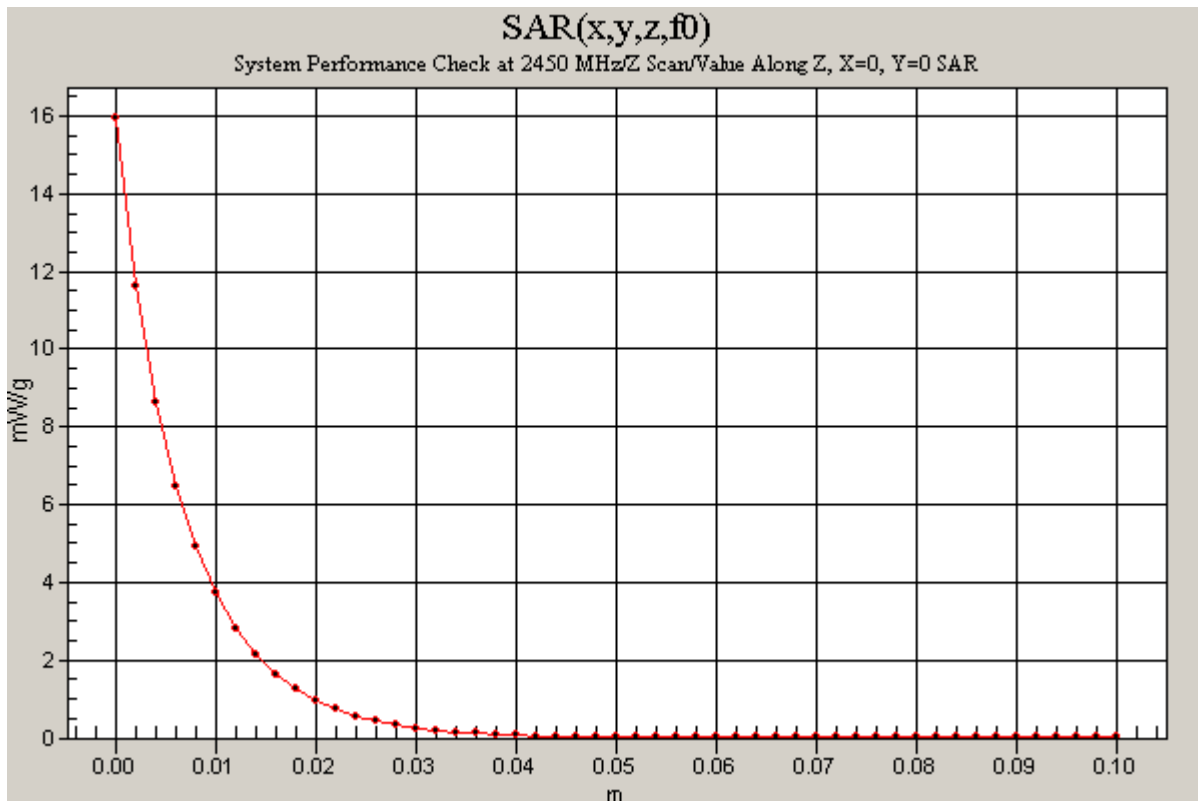
DASY4 Configuration:

- 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 37; Postprocessing SW: SEMCAD, V1.8 Build 109

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

Reference Value = 93.3 V/m; Power Drift = -0.003 dB

Maximum value of SAR (measured) = 16 mW/g



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 File Name: [D2450V2SN706\\_Probe 3021\\_050704.da4](#)

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:706**  
**Program Name: System Performance Check at 2450 MHz**  
**Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C**

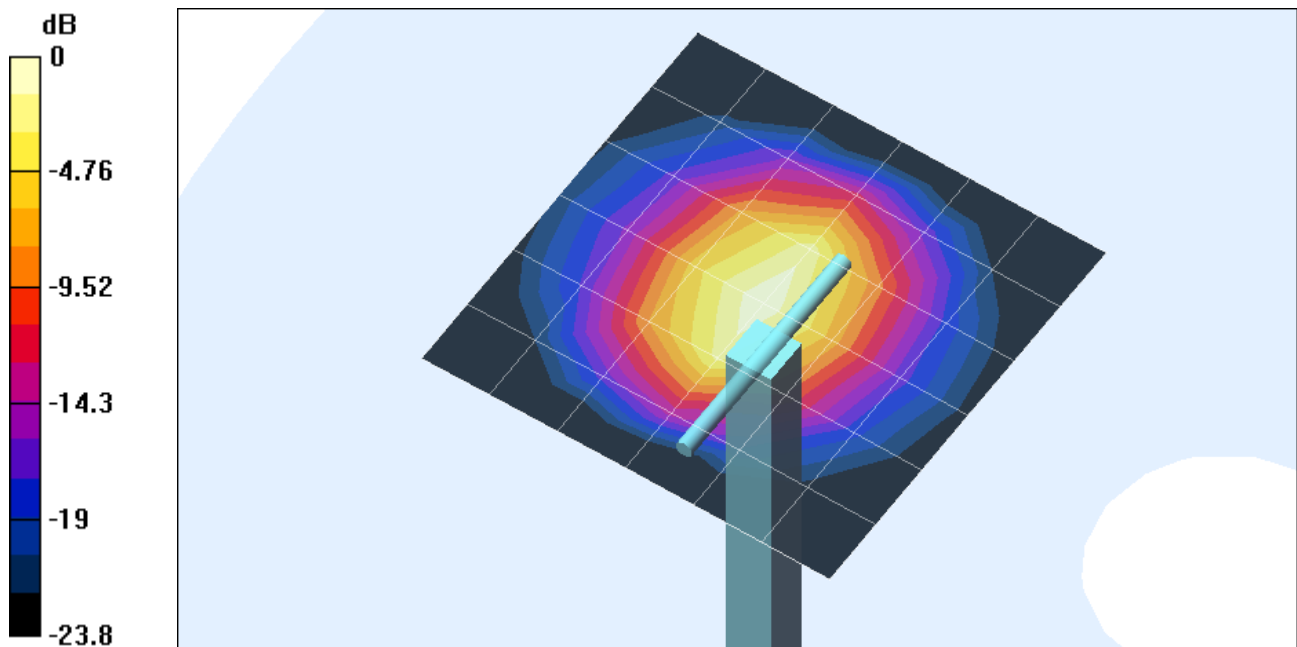
Communication System: CW - 2450 MHz; Frequency: 2450 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

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 44; Postprocessing SW: SEMCAD, V1.8 Build 112

**d=10mm, Pin=250mW/Area Scan (7x7x1):** Measurement grid: dx=15mm, dy=15mm  
 Reference Value = 90.4 V/m; Power Drift = 0.005 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 = 90.4 V/m; Power Drift = 0.005 dB  
 Maximum value of SAR (measured) = 14.7 mW/g  
 Peak SAR (extrapolated) = 27.9 W/kg  
**SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.07 mW/g**



0 dB = 14.7mW/g

Test Laboratory: The name of your organization  
File Name: [D2450V2SN706\\_Probe 3021\\_050704.da4](#)

**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:706**  
**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;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

**d=10mm, Pin=250mW/Z Scan (1x1x51):** Measurement grid: dx=20mm, dy=20mm, dz=2mm  
Reference Value = 90.4 V/m; Power Drift = 0.009 dB  
Maximum value of SAR (measured) = 14.9 mW/g

