

Test Laboratory: Compliance Certification Services

D2450V2SN706_Probe 3021_120603

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

Program Name: System Performance Check at 2450 MHz

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: Head 2450 MHz ($\sigma = 1.8761$ mho/m, $\epsilon_r = 40.5891$, $\rho = 1000$ kg/m³)

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 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 90.4 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 14.5 mW/g

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

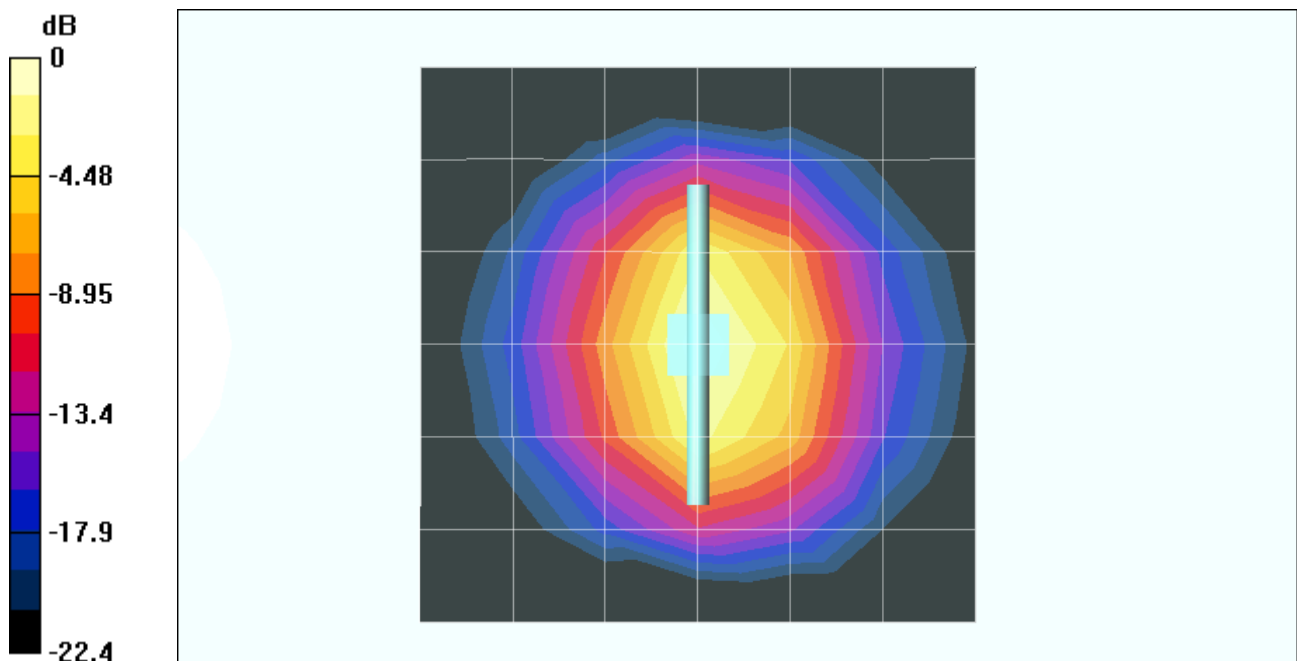
Peak SAR (extrapolated) = 29.0 W/kg

SAR(1 g) = 13.2 mW/g; SAR(10 g) = 6.23 mW/g

Reference Value = 90.4 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 14.8 mW/g



0 dB = 15.3mW/g

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D2450V2SN706_Probe 3021_120603

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

DASY4 Configuration:

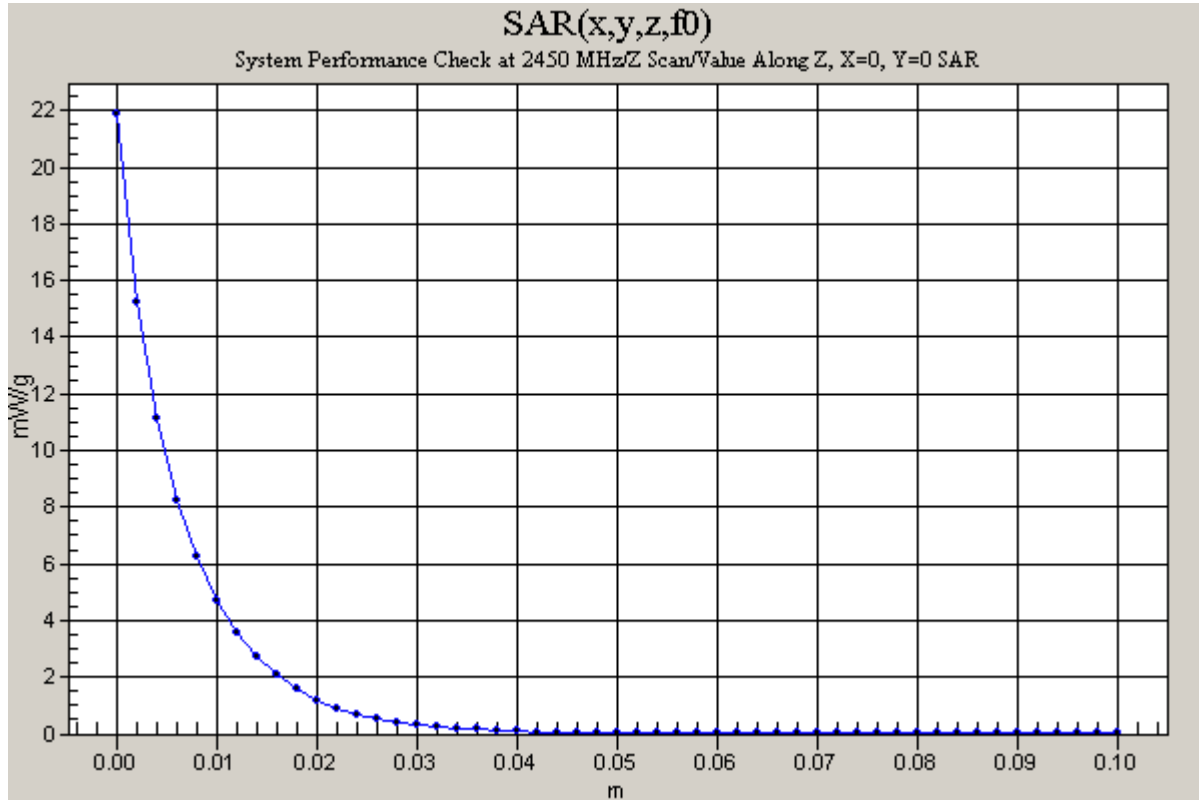
- Probe: ES3DV2 - SN3021; ConvF(4.5, 4.5, 4.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 90.4 V/m

Power Drift = 0.1 dB

Maximum value of SAR = 21.9 mW/g



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D2450V2SN706_Probe 3021_120803

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

Program Name: System Performance Check at 2450 MHz

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: Head 2450 MHz ($\sigma = 1.7981 \text{ mho/m}$, $\epsilon_r = 40.2697$, $\rho = 1000 \text{ kg/m}^3$)

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 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 89.2 V/m

Power Drift = 0.0 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

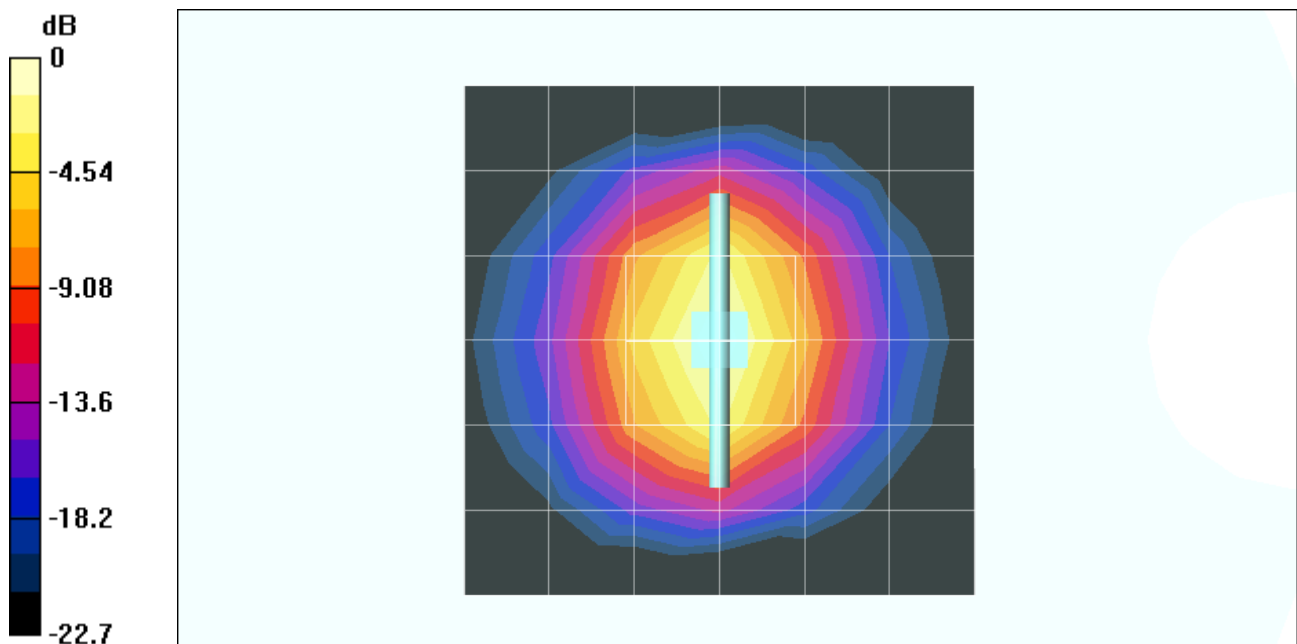
Peak SAR (extrapolated) = 27.7 W/kg

SAR(1 g) = 12.9 mW/g; SAR(10 g) = 5.57 mW/g

Reference Value = 89.2 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 14.8 mW/g



0 dB = 13.8mW/g

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D2450V2SN706_Probe 3021_120803

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 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 89.2 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 21.7 mW/g

