Date/Time: 01/29/04 11:09:42

Test Laboratory: Compliance Certification Services

D900V2SN108_012804

DUT: Dipole 900 MHz; Type: D900V2; Serial: 108
Program Name: System Performance Check at 900 MHz
Ambient Temperature: 23.0 deg C; Liquid Temperature: 21.5 deg C

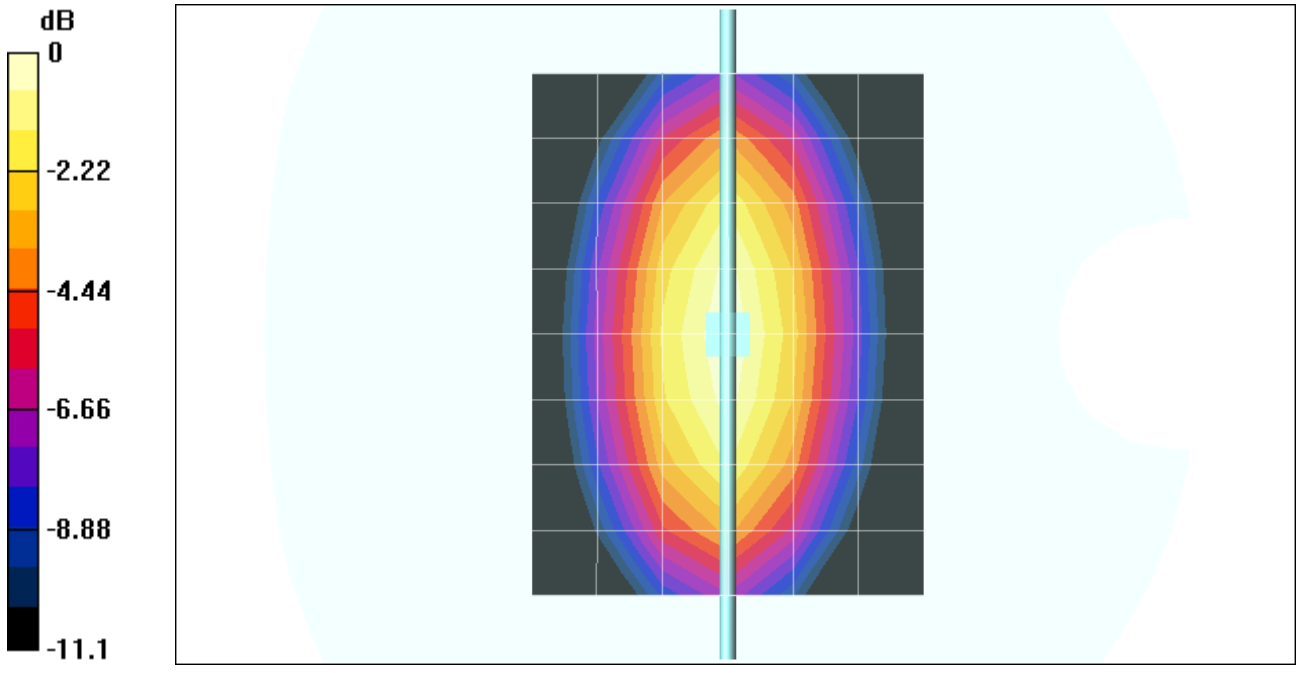
Communication System: CW 900 MHz; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: Head 900 MHz (σ = 0.9702 mho/m, ε_r = 41.032, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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=15mm, Pin=250mW/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Reference Value = 55.3 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 2.94 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 4.19 W/kg
SAR(1 g) = 2.71 mW/g; SAR(10 g) = 1.74 mW/g
Reference Value = 55.3 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 2.94 mW/g



0 dB = 2.94mW/g

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Test Laboratory: Compliance Certification Services

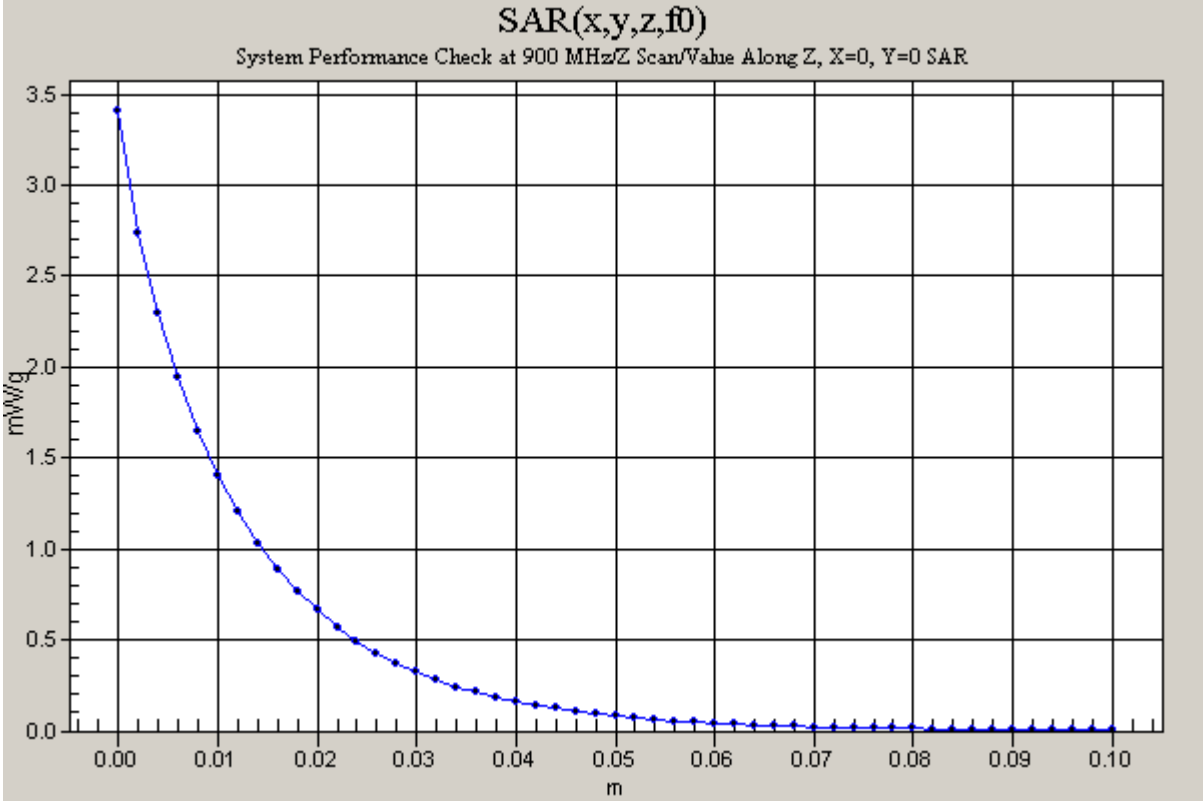
D900V2SN108_012804

DUT: Dipole 900 MHz; Type: D900V2; Serial: 108

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); 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=15mm, Pin=250mW/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm
Reference Value = 55.3 V/m
Power Drift = 0.006 dB
Maximum value of SAR = 3.41 mW/g



Date/Time: 01/29/04 16:44:08

Test Laboratory: Compliance Certification Services

D1800V2 SN294_012804

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294
Program Name: System Performance Check at 1800 MHz
Ambient Temperature: 23.5 deg C; Liquid Temperature: 22.0 deg C

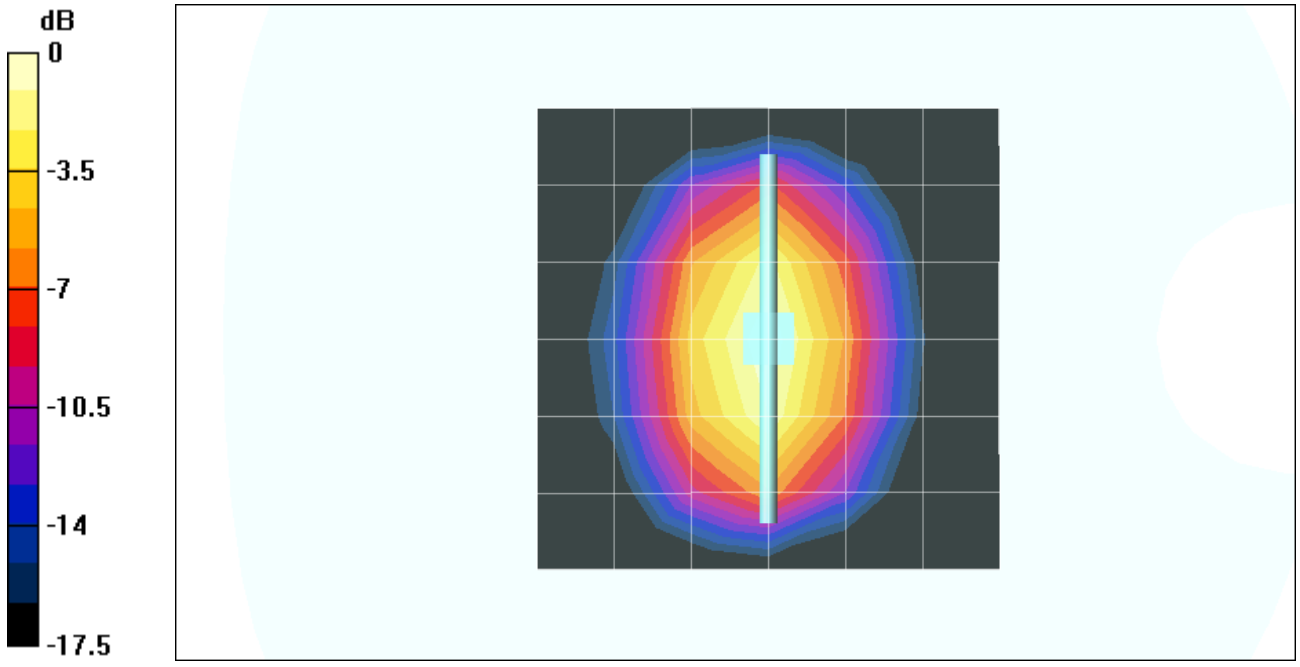
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: Head 1800 MHz (σ = 1.468 mho/m, ε_r = 40.3879, ρ = 1000 kg/m^3)
Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); 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 = 88.9 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 11 mW/g

d=10mm; Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.85 mW/g; SAR(10 g) = 5.15 mW/g
Reference Value = 88.9 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 11.1 mW/g



0 dB = 11.1mW/g

Date/Time: 01/29/04 16:44:08

Test Laboratory: Compliance Certification Services

D1800V2 SN294_012804

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); 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 = 88.9 V/m
Power Drift = -0.1 dB
Maximum value of SAR = 16.2 mW/g