Date/Time: 12/22/03 11:41:06

Test Laboratory: Compliance Certification Services

D1800V2 SN294_122203

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294
Program Name: System Performance Check at 1800 MHz
Ambient Temperature: 24.0 deg C; Liquid Temperature: 22.5 deg C

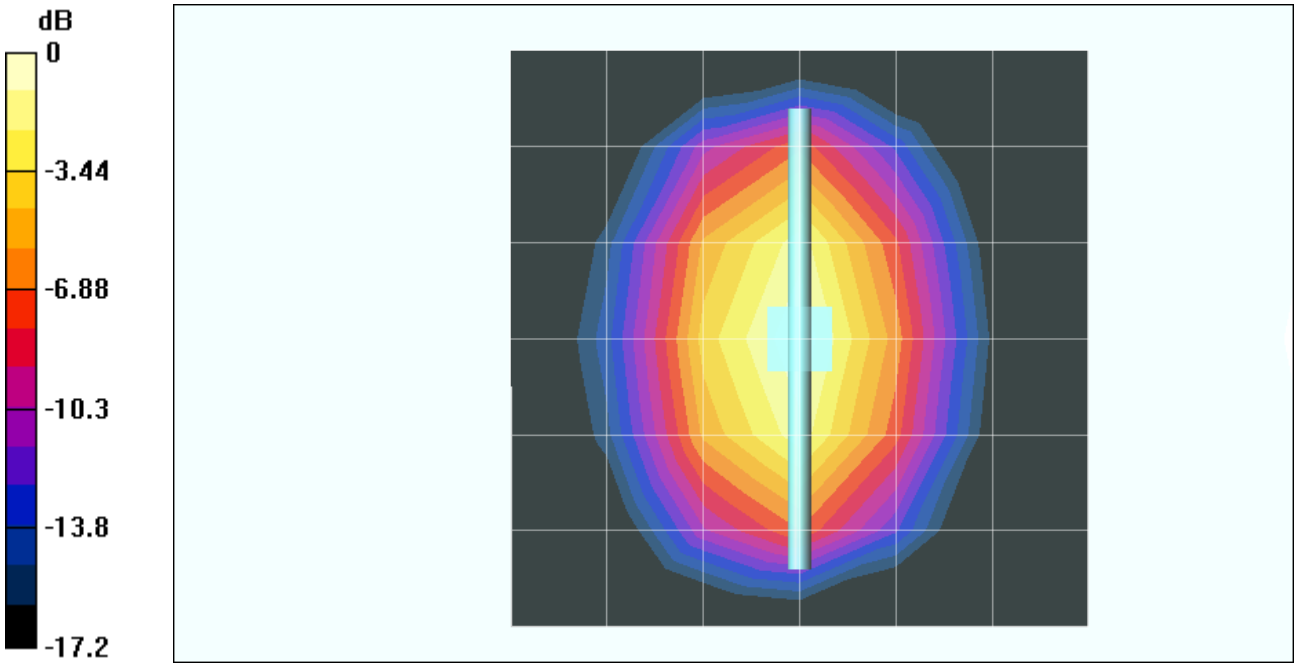
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: Head 1800 MHz (σ = 1.445 mho/m, ε_r = 40.7245, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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 = 89.3 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) = 17.7 W/kg
SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.13 mW/g
Reference Value = 89.3 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 11.1 mW/g



0 dB = 11.1mW/g

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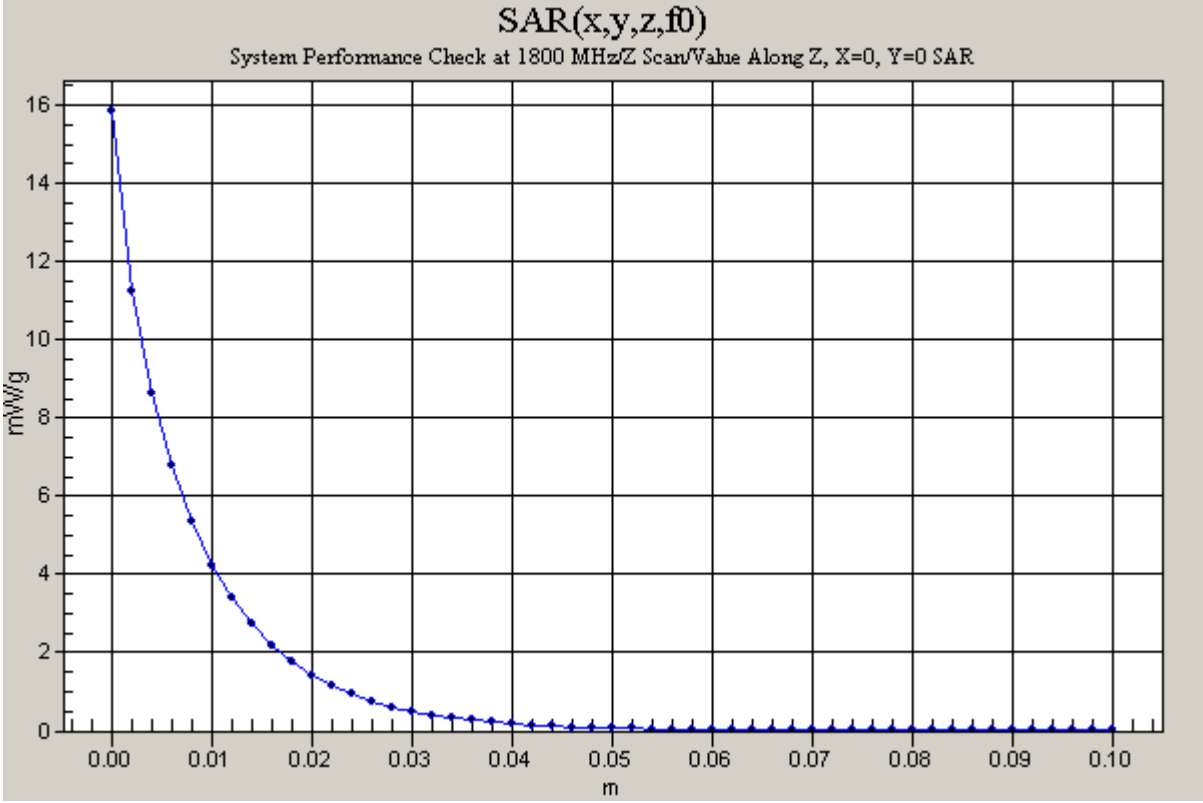
D1800V2 SN294_122203

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 = 89.3 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 15.9 mW/g



Date/Time: 01/09/04 14:17:34

Test Laboratory: Compliance Certification Services

D1800V2 SN294_010904

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 294
Program Name: System Performance Check at 1800 MHz
Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

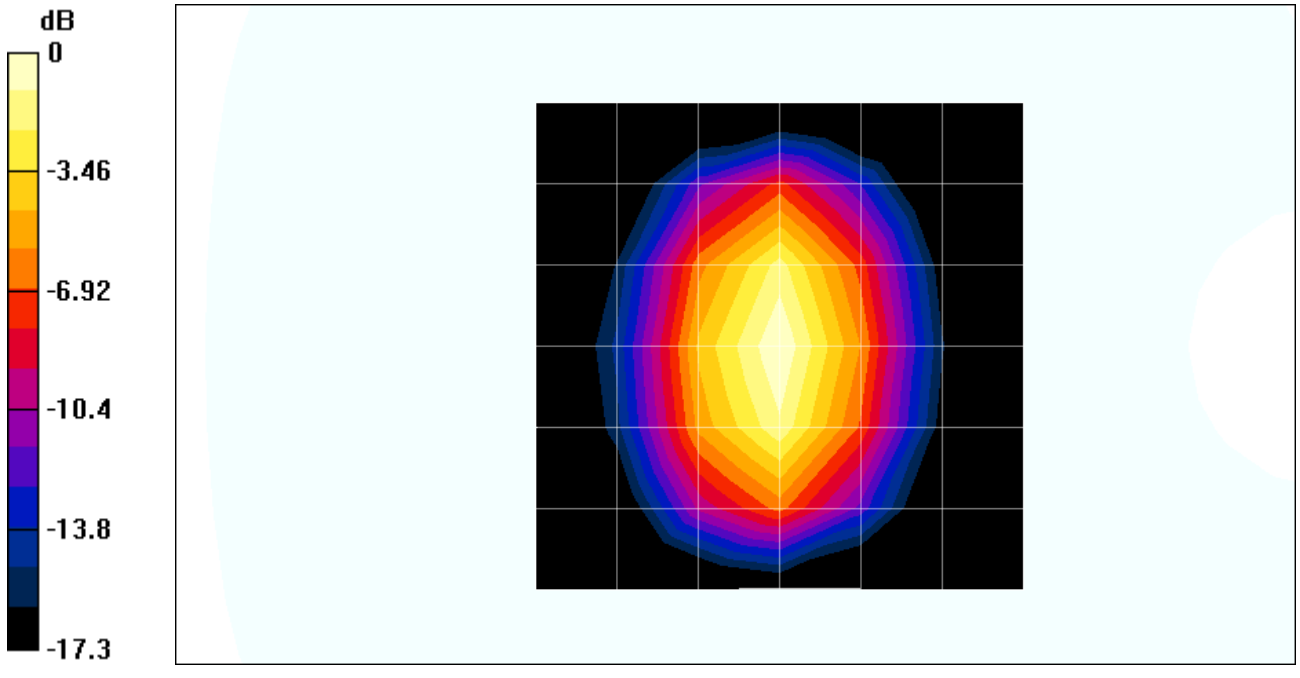
Communication System: CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: Head 1800 MHz (σ = 1.457 mho/m, ε_r = 40.3072, ρ = 1000 kg/m^3)
Phantom section: Flat Section

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 = 89.8V/m
Power Drift = 0.0 dB
Maximum value of SAR = 11.1 mW/g

d=10mm; Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 9.84 mW/g; SAR(10 g) = 5.15 mW/g
Reference Value = 89.8 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 11.1 mW/g



0 dB = 11.1mW/g

Date/Time: 01/09/04 14:17:34

Test Laboratory: Compliance Certification Services

D1800V2 SN294_010904

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 = 89.8 V/m
Power Drift = 0.0 dB
Maximum value of SAR = 14.4 mW/g