

Test Laboratory: Compliance Certification Services

D900V2SN108_010504

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

Program Name: System Performance Check at 900 MHz

Ambient Temperature: 22.5 deg C; Liquid Temperature: 21.0 deg C

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: Head 900 MHz ($\sigma = 0.9697$ mho/m, $\epsilon_r = 40.0639$, $\rho = 1000$ kg/m³)

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 = 56.4 V/m

Power Drift = -0.1 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

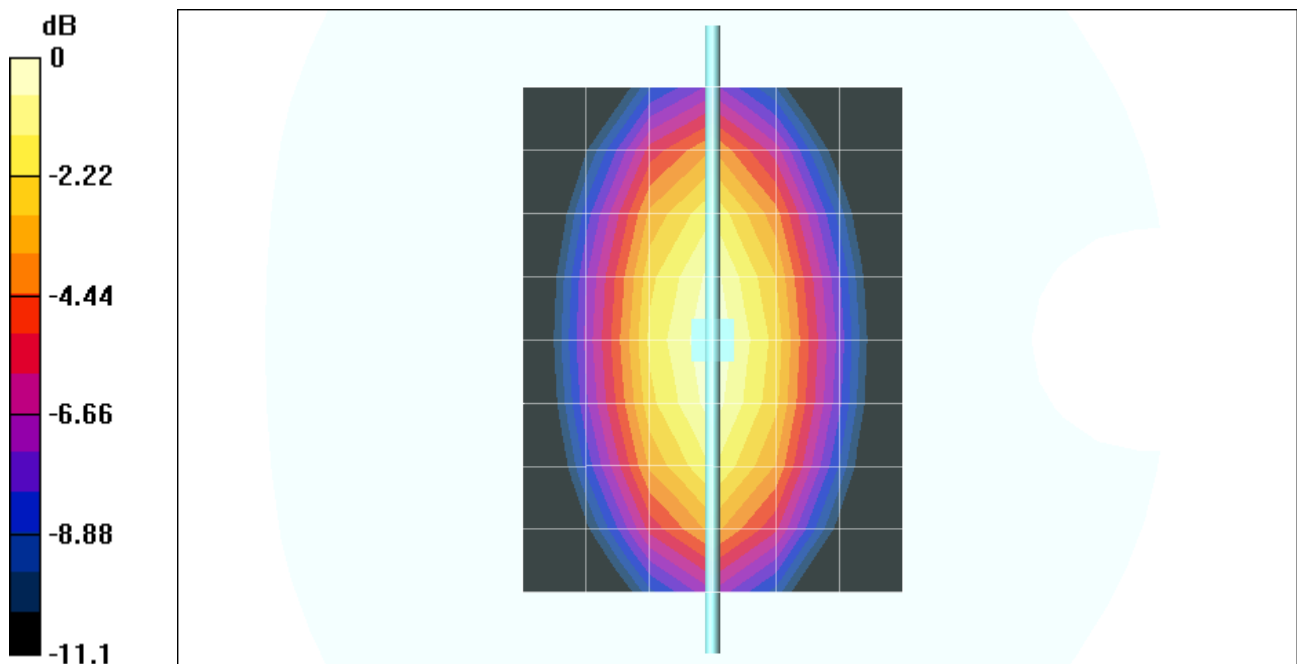
Peak SAR (extrapolated) = 4.17 W/kg

SAR(1 g) = 2.72 mW/g; SAR(10 g) = 1.74 mW/g

Reference Value = 56.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 2.93 mW/g



0 dB = 2.93mW/g

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D900V2SN108_010504

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

DASY4 Configuration:

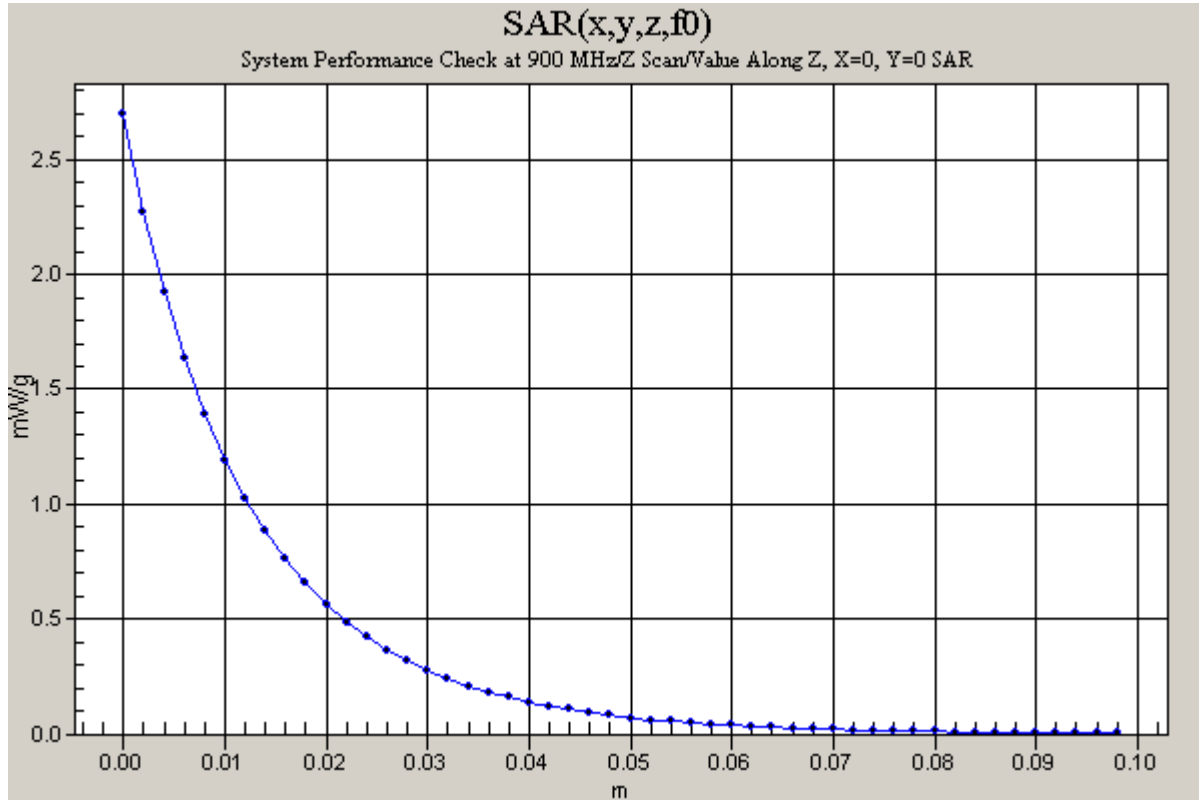
- Probe: ES3DV2 - SN3021; ConvF(6.5, 6.5, 6.5); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

d=15mm, Pin=250mW/Z Scan (1x1x51): Measurement grid: dx=20mm, dy=20mm, dz=2mm

Reference Value = 56.4 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 2.7 mW/g



Test Laboratory: Compliance Certification Services

D1800V2 SN294_010604

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 ($\sigma = 1.467$ mho/m, $\epsilon_r = 40.2784$, $\rho = 1000$ kg/m³)

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 = 89.7 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 11.2 mW/g

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

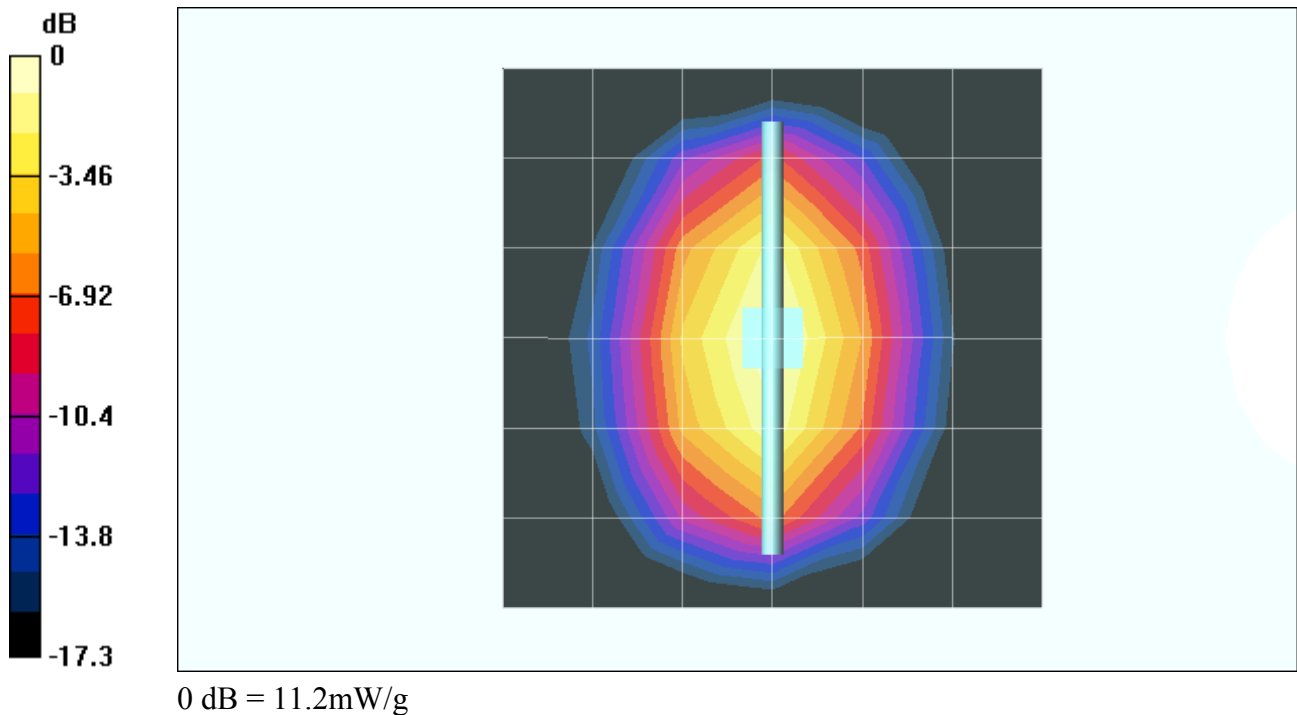
Peak SAR (extrapolated) = 17.9 W/kg

SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.18 mW/g

Reference Value = 89.7 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 11.2 mW/g



Test Laboratory: Compliance Certification Services

D1800V2 SN294_010604

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

DASY4 Configuration:

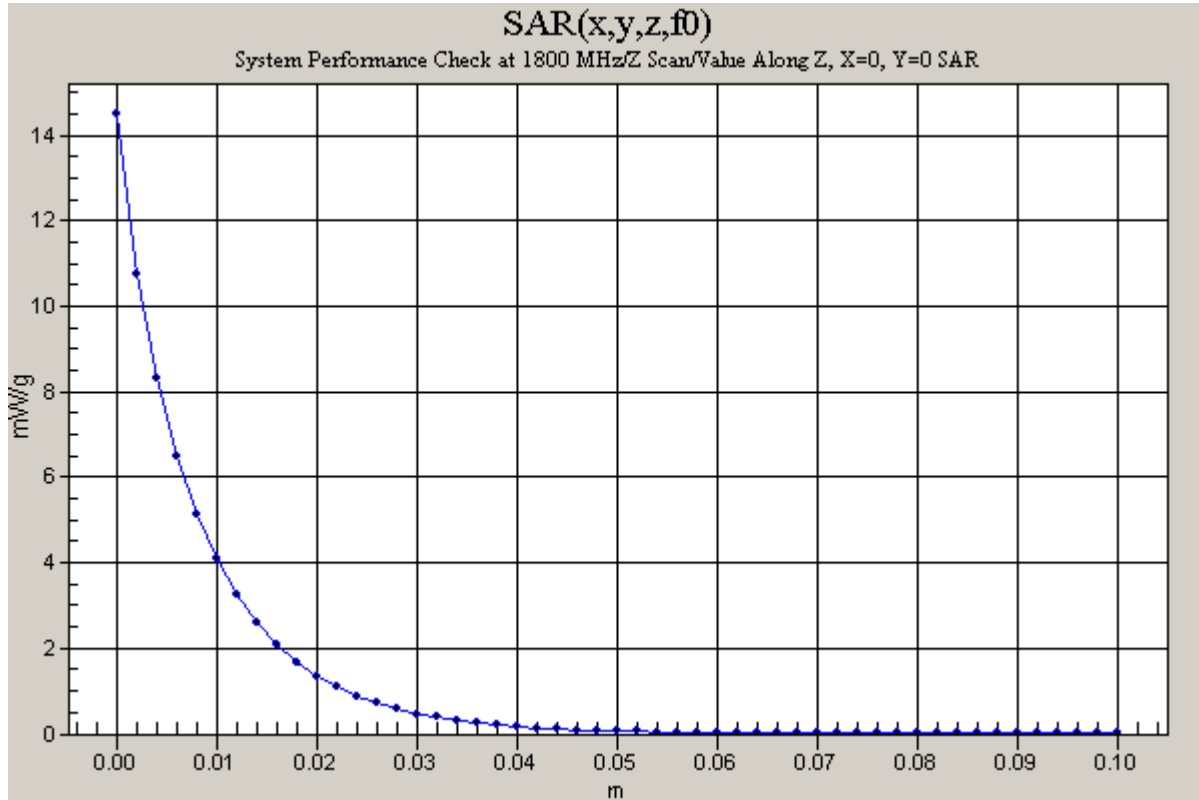
- Probe: ES3DV2 - SN3021; ConvF(5.1, 5.1, 5.1); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

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

Reference Value = 89.7 V/m

Power Drift = 0.0 dB

Maximum value of SAR = 14.5 mW/g



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 ($\sigma = 1.457$ mho/m, $\epsilon_r = 40.3072$, $\rho = 1000$ kg/m³)

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

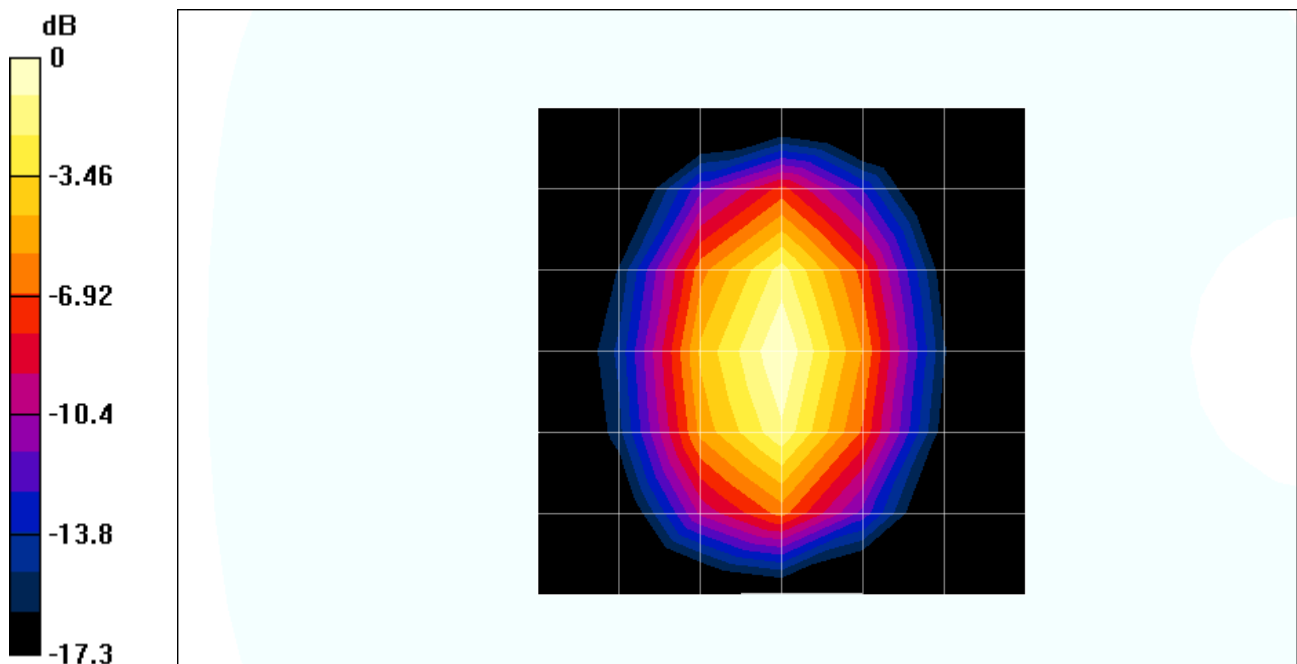
Peak SAR (extrapolated) = 17.8 W/kg

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

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

