

Test Laboratory: Compliance Certification Services

## D900V2SN108\_121203

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

**Program Name: System Performance Check at 900 MHz**

**Ambient Temperature: 24.5 deg C; Liquid Temperature: 23.0 deg C**

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

Medium: Head 900 MHz ( $\sigma = 0.9439$  mho/m,  $\epsilon_r = 41.7523$ ,  $\rho = 1000$  kg/m<sup>3</sup>)

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 (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Reference Value = 54.7 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 2.69 mW/g

**d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

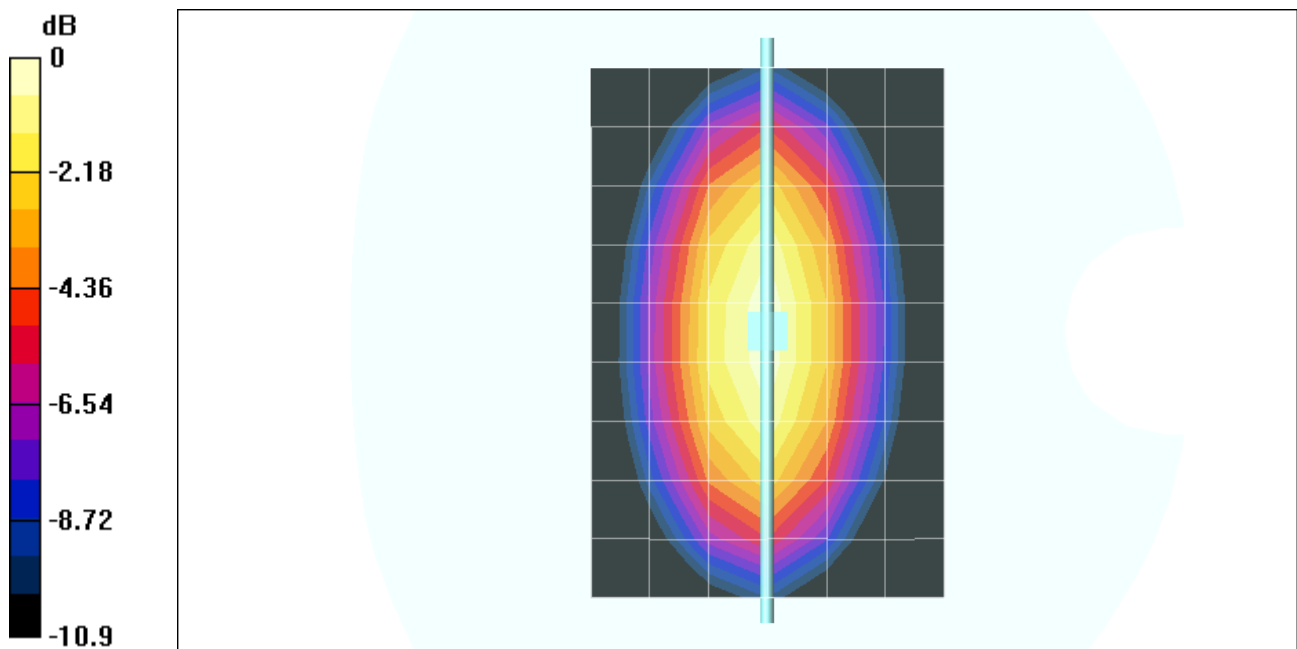
Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.66 mW/g

Reference Value = 54.7 V/m

Power Drift = 0.01 dB

Maximum value of SAR = 2.77 mW/g



0 dB = 2.77mW/g

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**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 = 54.7 V/m

Power Drift = 0.009 dB

Maximum value of SAR = 3.2 mW/g

