

Test Laboratory: Compliance Certification Services

File Name: [D1900V2 SN5d043_060804.da4](#)

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: D1900V2 - SN:5d043

Program Name: System Performance Check at 1900 MHz

Ambient Temp.: 24.0 deg. C; Liquid Temp.: 23.0 deg. C

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.43 \text{ mho/m}$; $\epsilon_r = 39.4$; $\rho = 1000 \text{ kg/m}^3$

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 Sn500; Calibrated: 12/23/2003
- Phantom: SAM 1; Type: SAM 1; Serial: 1185
- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm; Pin=250mW/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Reference Value = 88.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 10.6 mW/g

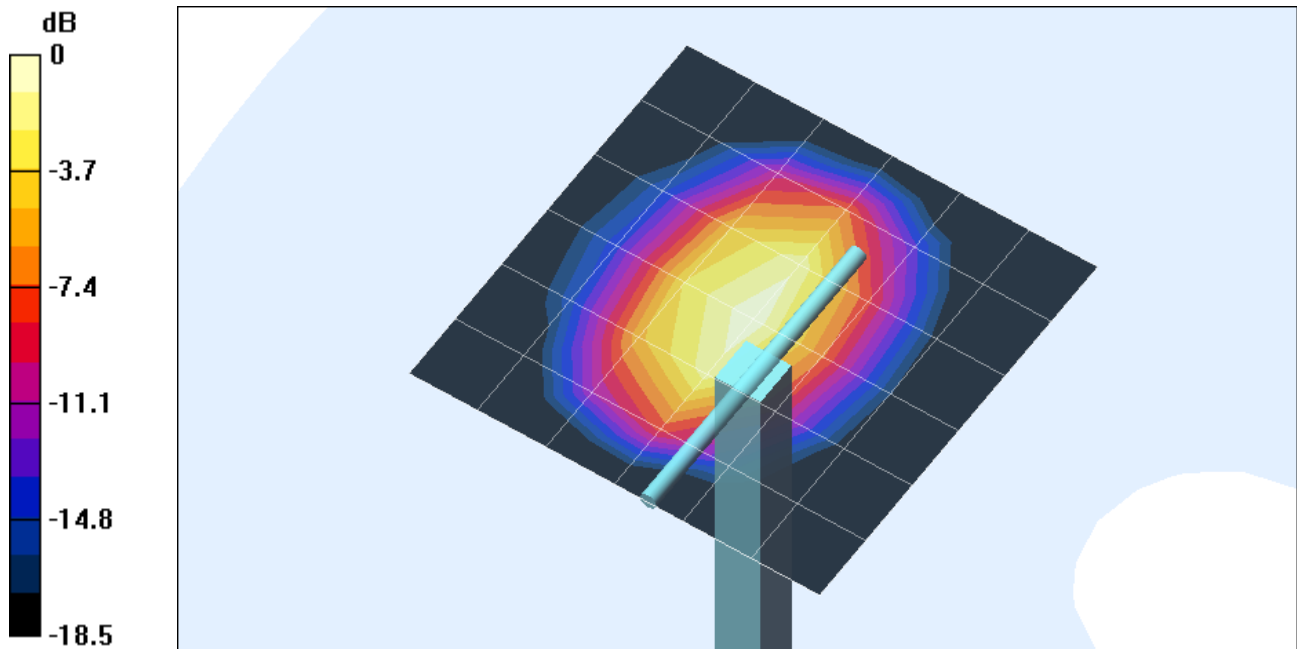
d=10mm; Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=7.5\text{mm}$, $dy=7.5\text{mm}$, $dz=5\text{mm}$

Reference Value = 88.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 11 mW/g

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 9.81 mW/g; SAR(10 g) = 5.11 mW/g



0 dB = 11mW/g

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Phantom section: Flat Section

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

Reference Value = 88.3 V/m; Power Drift = 0.1 dB

Maximum value of SAR (measured) = 11.3 mW/g

