

Test Laboratory: Compliance Certification Services

D5GHzV2_M5200_120403

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Program Name: System Performance Check at Body 5200 MHz

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

Communication System: CW 5200MHz; Frequency: 5200 MHz;Duty Cycle: 1:1

Medium: M5200MHz ($\sigma = 5.5184$ mho/m, $\epsilon_r = 48.4479$, $\rho = 1000$ kg/m³)

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 3.1mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.1 Build 47; Postprocessing SW: SEMCAD, V1.8 Build 62

d=10mm, Pin=250mW/Area Scan (9x9x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 87.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 33.1 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

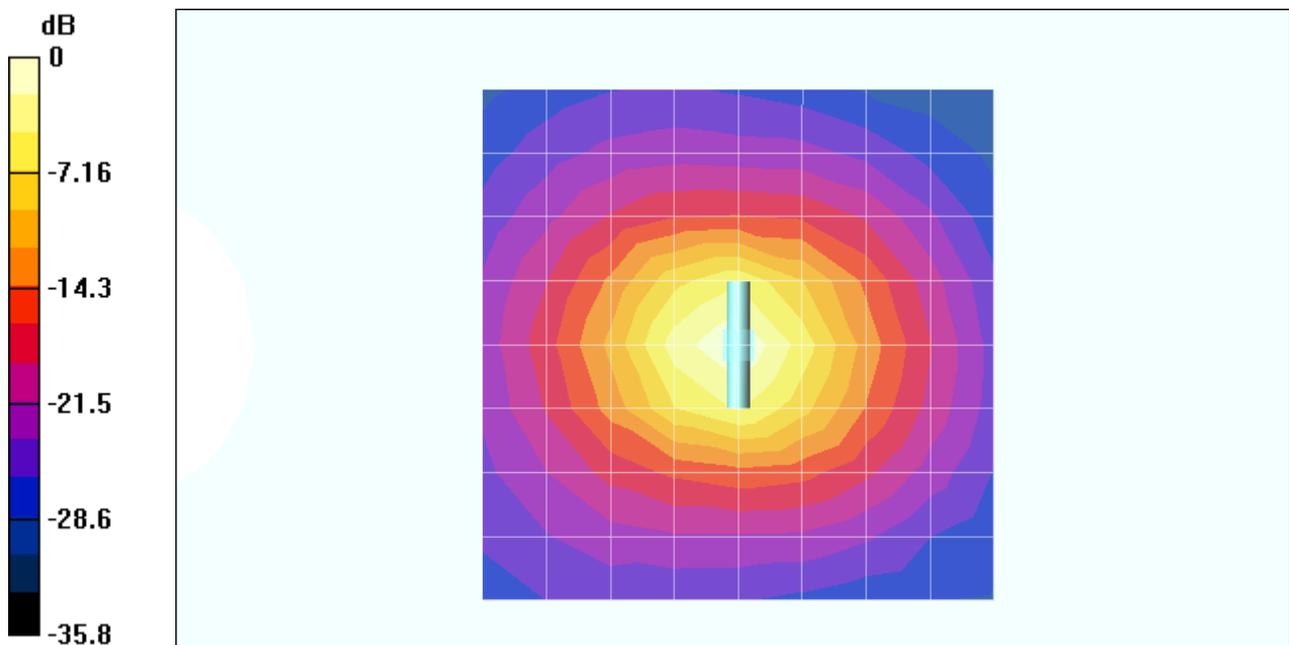
Peak SAR (extrapolated) = 89.3 W/kg

SAR(1 g) = 22.7 mW/g; SAR(10 g) = 6.37 mW/g

Reference Value = 87.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 32.1 mW/g



0 dB = 32.1mW/g

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DASY4 Configuration:

- Probe: ES3DV2 - SN3021; ConvF(1.4, 1.4, 1.4); Calibrated: 7/29/2003
- Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE3 Sn427; Calibrated: 2/4/2003
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- 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 = 87.8 V/m

Power Drift = -0.1 dB

Maximum value of SAR = 14.2 mW/g

