

Test Laboratory: Compliance Certification Services

SystemPerformanceCheck-D5GHz-uniform

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

Communication System: 5200 - 5800MHz; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.79$ mho/m; $\epsilon_r = 46.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0deg. C; Liquid Temperature: 23.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3554; ConvF(3.61, 3.61, 3.61); Calibrated: 4/24/2007
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 11/16/2006
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN:1003
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=10mm, Pin=250mW, f=5500 MHz/Area Scan (10x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 35.6 mW/g

d=10mm, Pin=250mW, f=5500 MHz/Zoom Scan (4.3x4.3x3mm), dist=2mm (8x8x8)/Cube

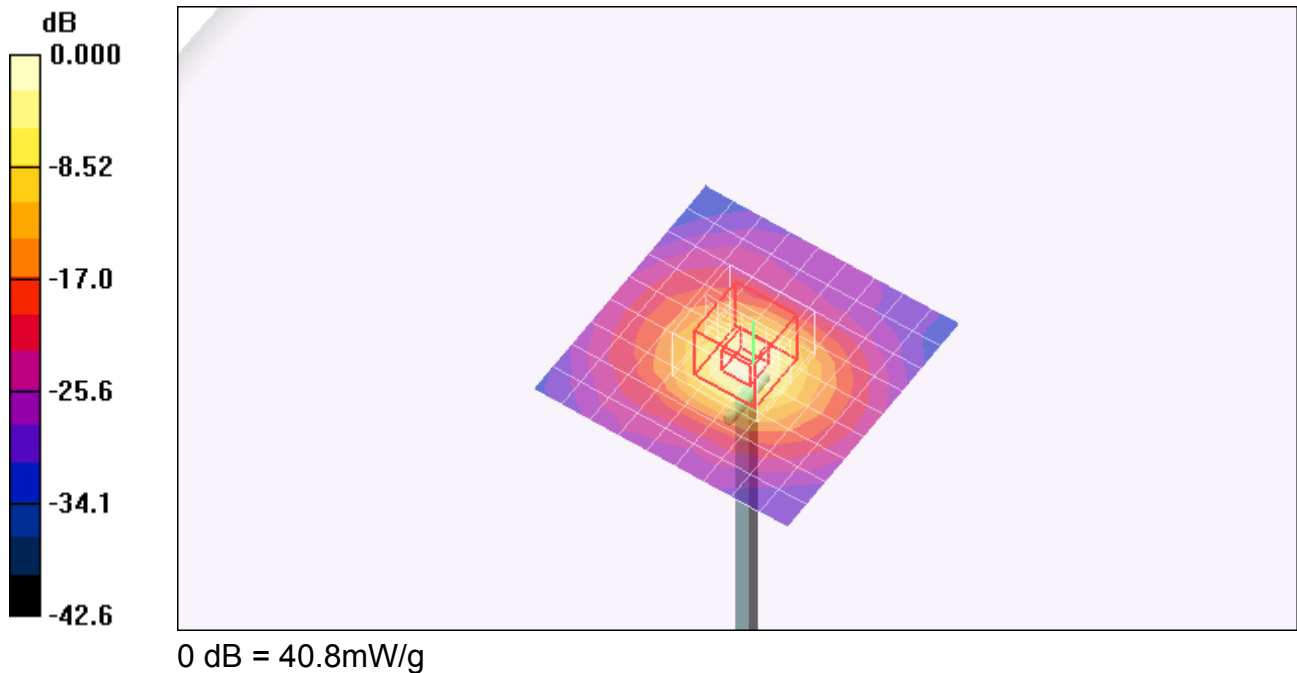
0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 89.7 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 84.9 W/kg

SAR(1 g) = 20.6 mW/g; SAR(10 g) = 5.86 mW/g

Maximum value of SAR (measured) = 40.8 mW/g



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d=10mm, Pin=250mW, f=5500 MHz/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 39.0 mW/g

