

Test Laboratory: Compliance Certification Services

File Name: [D5GHzV2_M5200_071404.da4](#)

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

Program Name: System Performance Check at Body 5200 MHz

Ambient Temp.: 25 deg. C; Liquid Temp.: 24 deg. C

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

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.43$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.82, 1.82, 1.82); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 85.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 21.4 mW/g

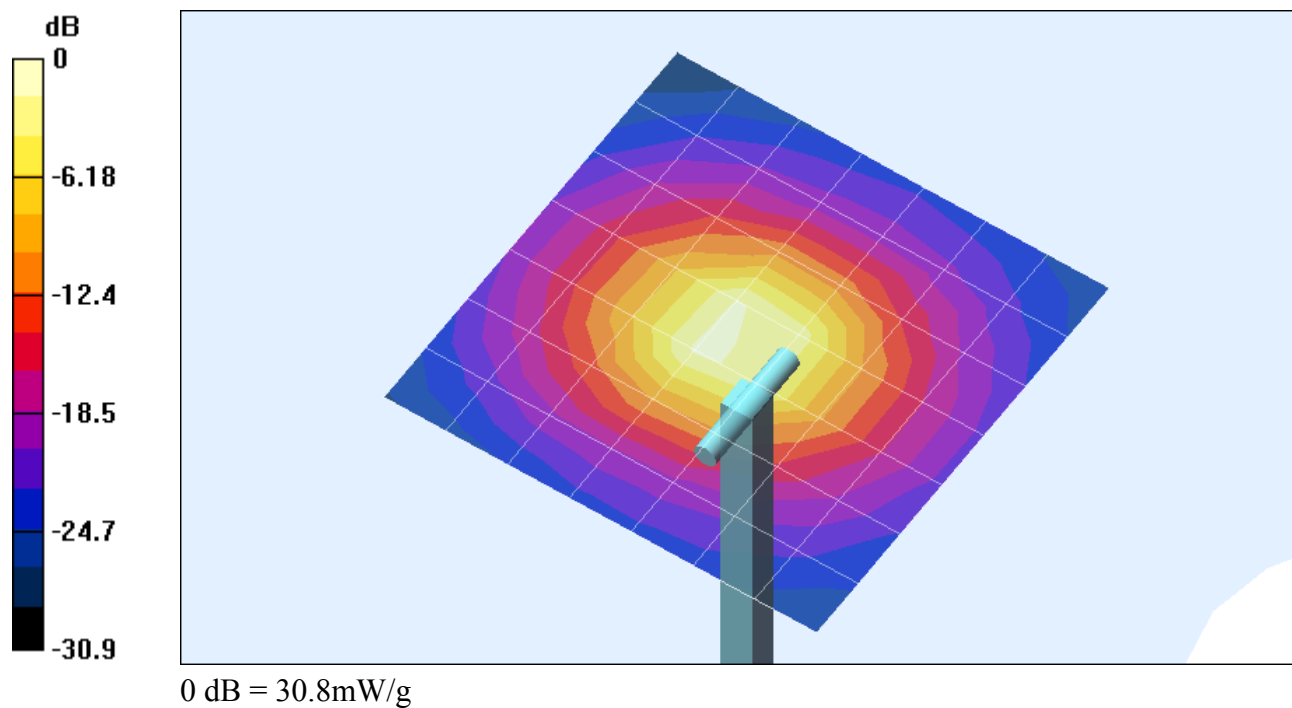
d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 85.8 V/m; Power Drift = -0.0 dB

Maximum value of SAR (measured) = 30.8 mW/g

Peak SAR (extrapolated) = 81.1 W/kg

SAR(1 g) = 21.7 mW/g; SAR(10 g) = 6.16 mW/g



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

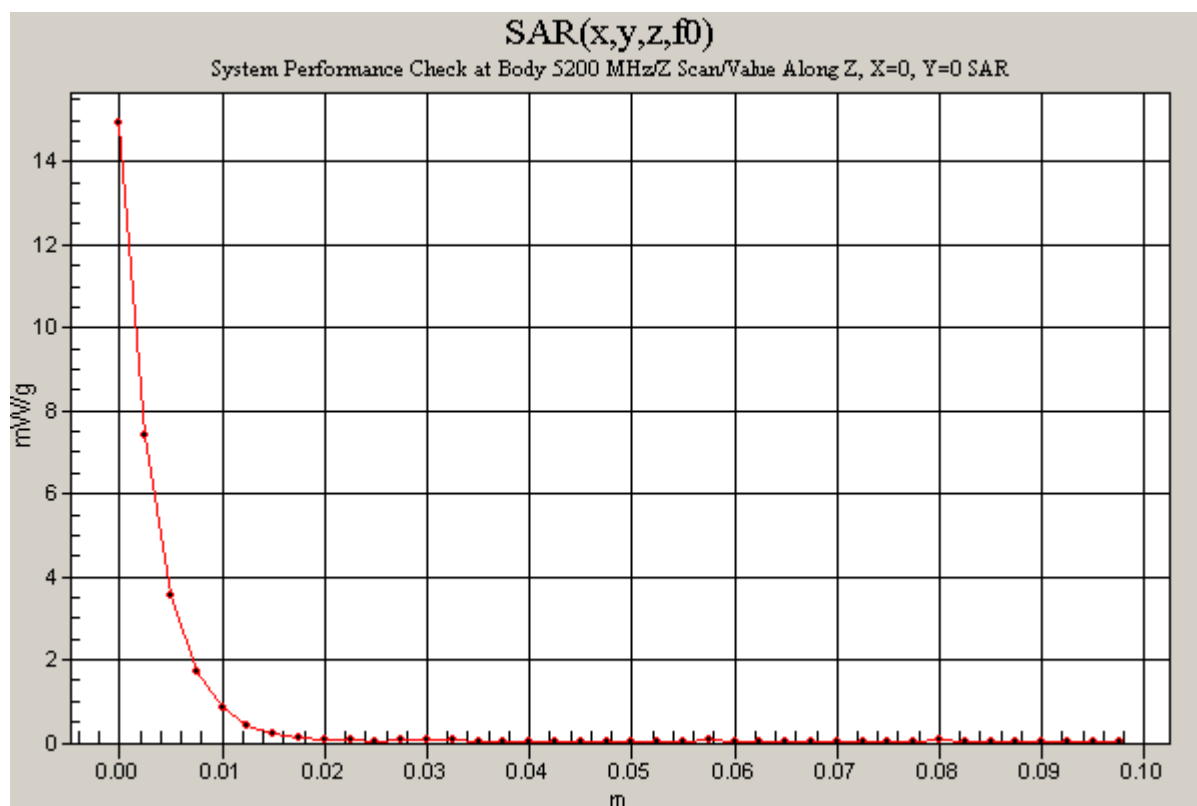
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.43$ mho/m; $\epsilon_r = 48.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Reference Value = 85.8 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 14.9 mW/g



Test Laboratory: Compliance Certification Services

File Name: [D5GHzV2_M5800_071504.da4](#)

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

Program Name: System Performance Check at Body 5800 MHz

Ambient Temp.: 26.0 deg. C; Liquid Temp.: 24.5 deg. C

Communication System: CW 5800MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV2 - SN3023; ConvF(1.5, 1.5, 1.5); Calibrated: 9/23/2003

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn500; Calibrated: 12/23/2003

- Phantom: SAM 2; Type: SAM 2; Serial: 1050

- Measurement SW: DASY4, V4.2 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 112

d=10mm, Pin=250mW/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 82.2 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 19 mW/g

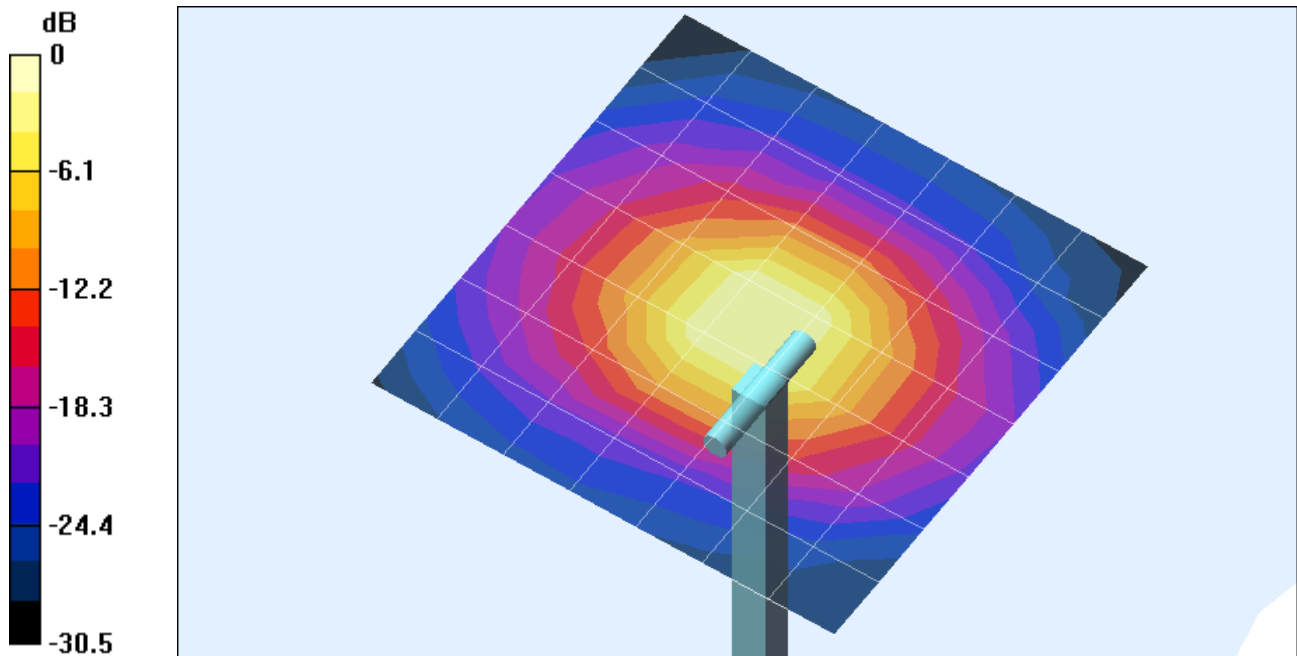
d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 82.2 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 30.7 mW/g

Peak SAR (extrapolated) = 80.2 W/kg

SAR(1 g) = 20.9 mW/g; SAR(10 g) = 5.86 mW/g



0 dB = 30.7mW/g

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File Name: [D5GHzV2_M5800_071504.da4](#)

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

Program Name: System Performance Check at Body 5800 MHz

Communication System: CW 5800MHz; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 47.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

Reference Value = 82.2 V/m; Power Drift = -0.1 dB

Maximum value of SAR (measured) = 14.2 mW/g

