

Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1040

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1040

Communication System: CW5GHz; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5200$ MHz; $\sigma = 5.4$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.72, 3.72, 3.72);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5200MHz/Area Scan (8x8x1):

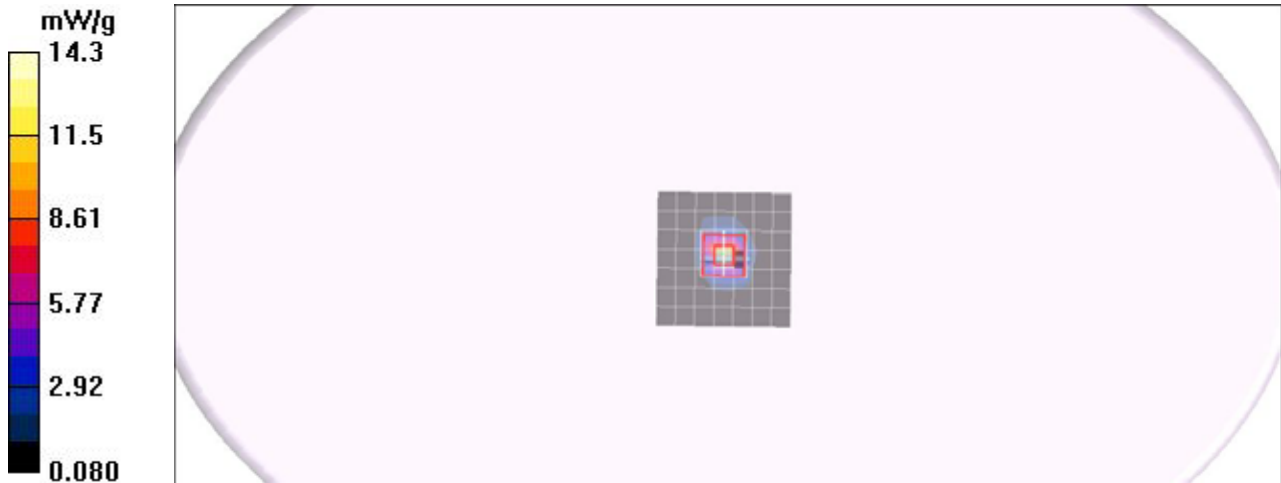
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.98 mW/g

Pin=100mW,d=10mm f=5200MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 54.7 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 28 W/kg
SAR(1 g) = 7.76 mW/g; SAR(10 g) = 2.17 mW/g
Maximum value of SAR (measured) = 14.2 mW/g

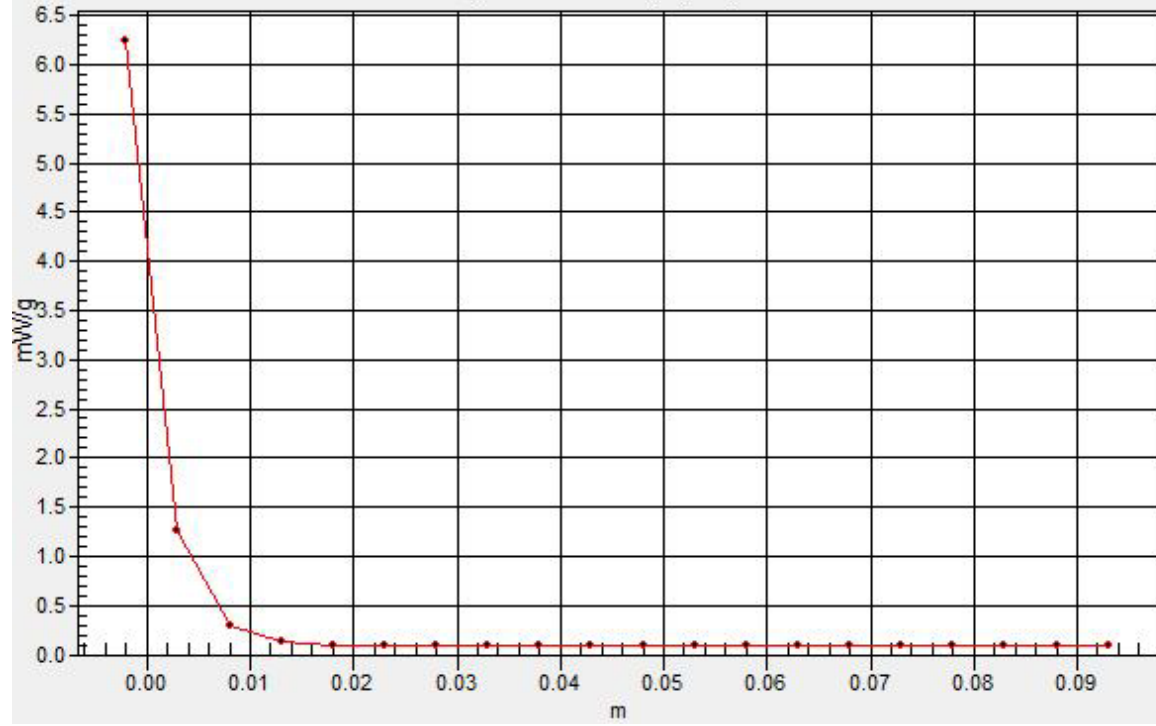
Pin=100mW,d=10mm f=5200MHz/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.26 mW/g



SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



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D5GHz V2 SN 1040

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1040

Communication System: CW5GHz; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5500$ MHz; $\sigma = 5.83$ mho/m; $\epsilon_r = 47.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.38, 3.38, 3.38);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5500MHz/Area Scan (8x8x1):

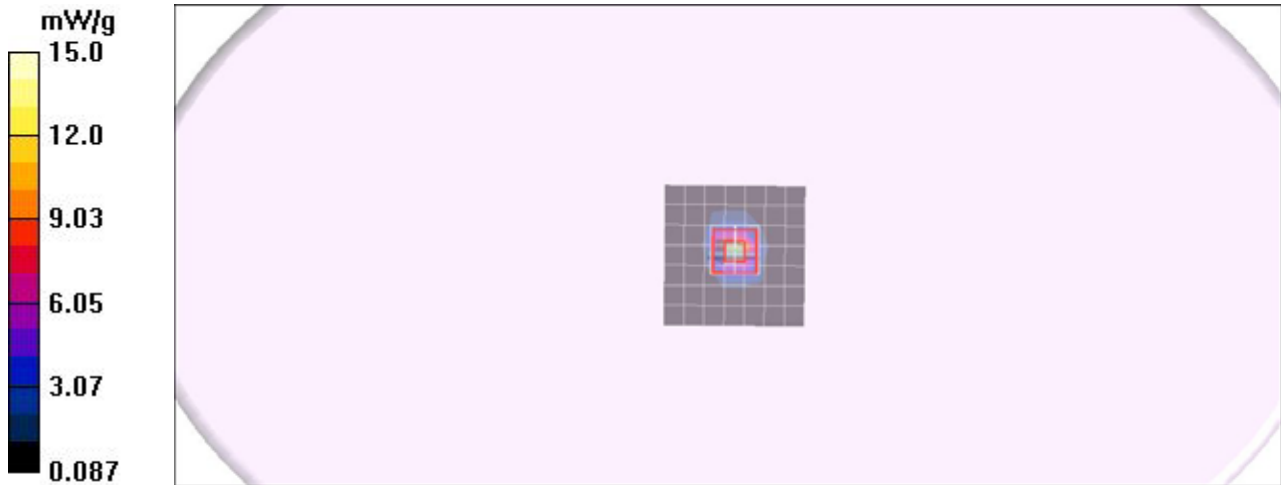
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.5 mW/g

Pin=100mW,d=10mm f=5500MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 54.1 V/m; Power Drift = -0.058 dB
Peak SAR (extrapolated) = 31.1 W/kg
SAR(1 g) = 8.28 mW/g; SAR(10 g) = 2.31 mW/g
Maximum value of SAR (measured) = 13.9 mW/g

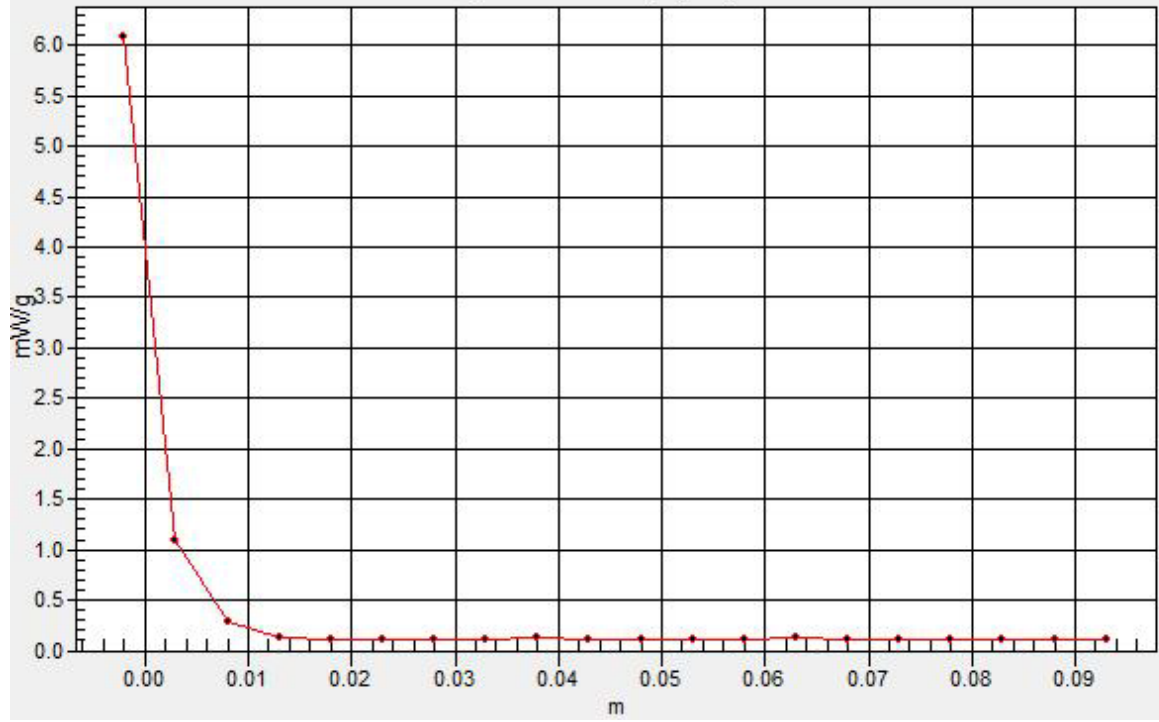
Pin=100mW,d=10mm f=5500MHz/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 6.21 mW/g



SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0



Test Laboratory: Compliance Certification Services Inc.

D5GHz V2 SN 1040

DUT: Dipole 5GHz ; Type: D5GHz V2; Serial: 1040

Communication System: CW5GHz; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 6.27$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Air Temperature: 24.2 deg C; Liquid Temperature: 23.2 deg C
Area Scan Find Secondary Maximum Within 2dB and with a peak SAR value greater than 0.0012W/kg

DASY4 Configuration:

- Probe: EX3DV4 - SN3554; ConvF(3.29, 3.29, 3.29);
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2012/7/19
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BA; Serial: SN: 1052
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Pin=100mW,d=10mm f=5800MHz/Area Scan (8x8x1):

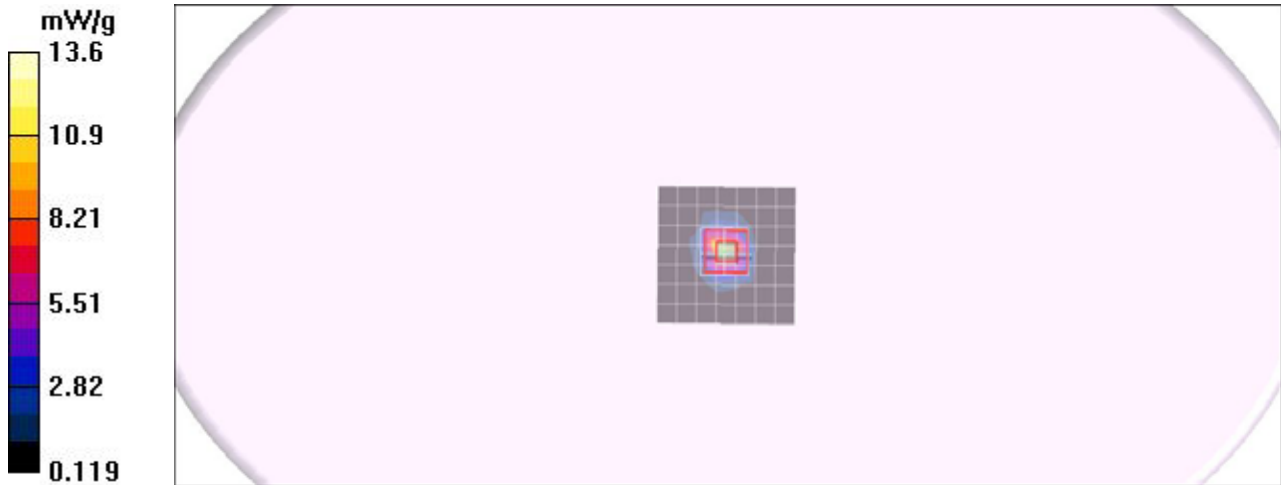
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.4 mW/g

Pin=100mW,d=10mm f=5800MHz/Zoom Scan (8x8x10)/Cube 0:

Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 55 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 8.03 mW/g; SAR(10 g) = 2.20 mW/g
Maximum value of SAR (measured) = 13.4 mW/g

Pin=100mW,d=10mm f=5800MHz/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 5.82 mW/g



SAR(x,y,z,f0)

SAR; Z Scan: Value Along Z, X=0, Y=0

