

Test Laboratory: Compliance Certification Services

System Performance Check @ 5.2GHz (Body Tissue)

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

Phantom section: Flat Section

Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 49.1$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.83, 4.83, 4.83);
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2;
- Measurement SW: DASY4, V4.4 Build 3;

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

Maximum value of SAR (measured) = 22.8 mW/g

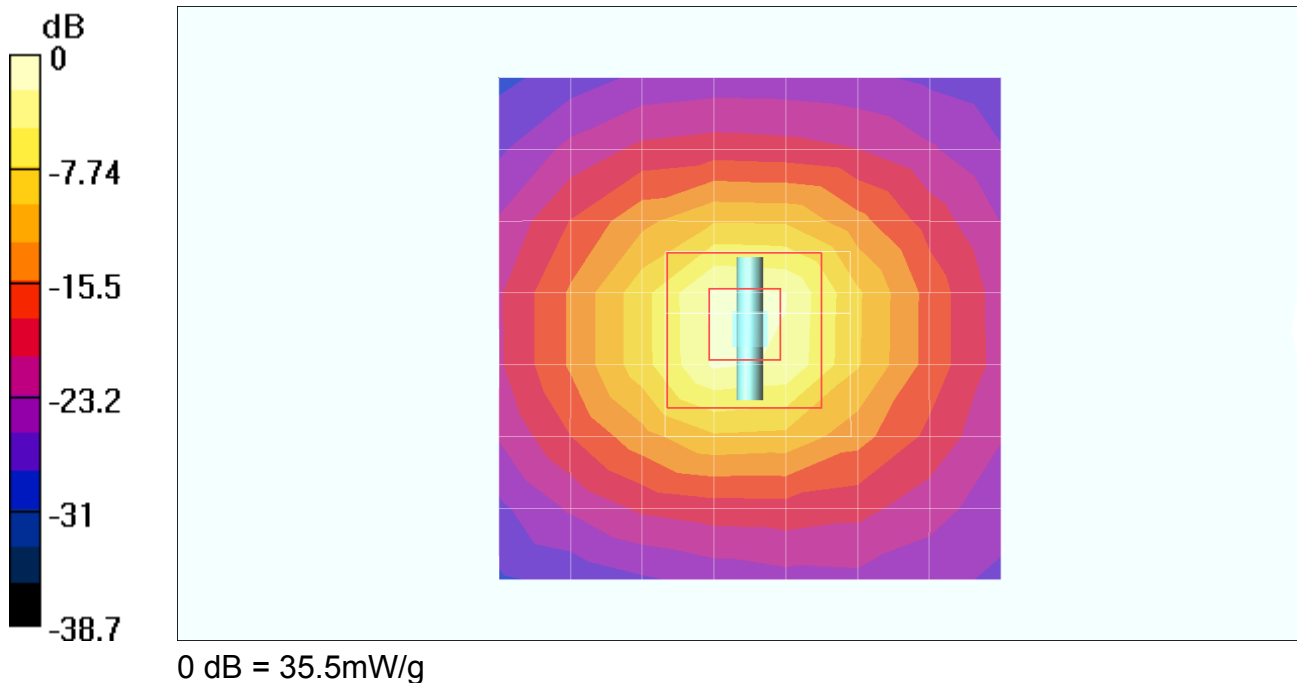
d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 93.1 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 68.3 W/kg

SAR(1 g) = 18.6 mW/g; SAR(10 g) = 5.31 mW/g

Maximum value of SAR (measured) = 35.5 mW/g



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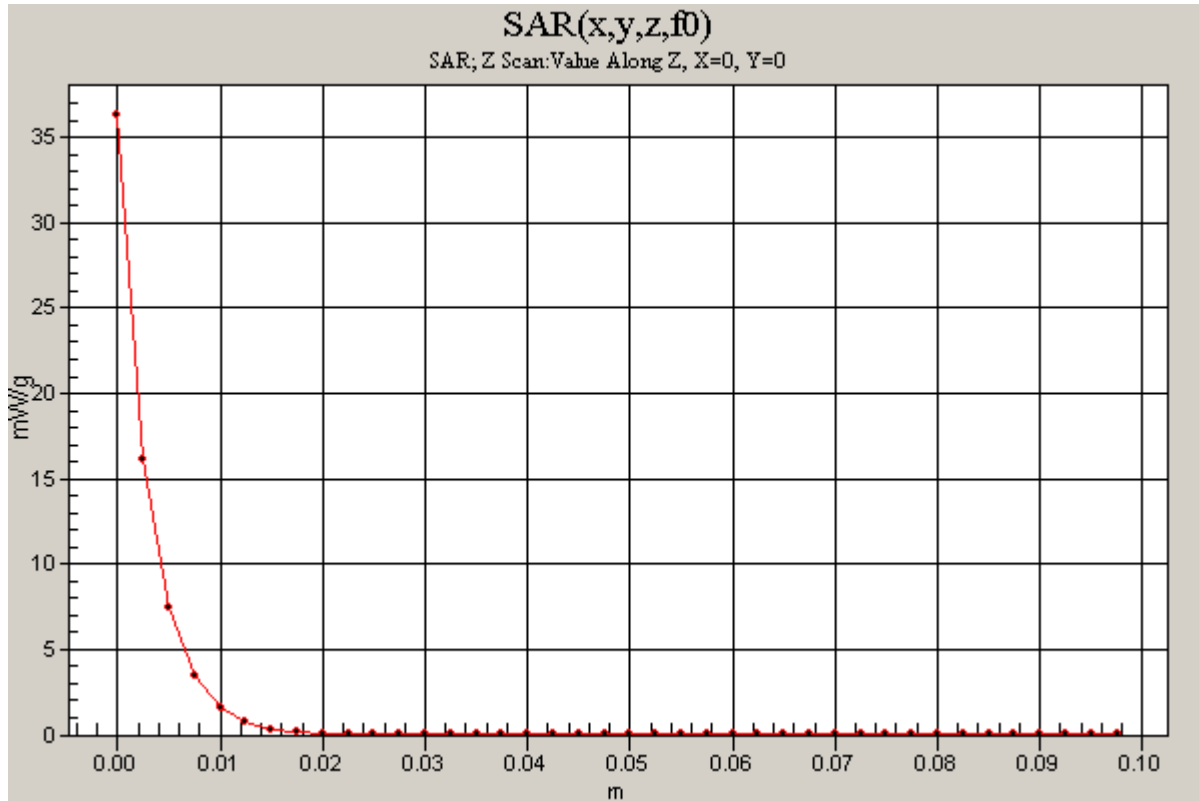
System Performance Check @ 5.2GHz (Body Tissue)

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

Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 36.3 mW/g



Test Laboratory: Compliance Certification Services**System Performance Check @ 5.8GHz (Body Tissue)****DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003**

Phantom section: Flat Section

Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.21 \text{ mho/m}$; $\epsilon_r = 48.3$; $\rho = 1000 \text{ kg/m}^3$

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2;
- Measurement SW: DASY4, V4.4 Build 3;

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

Maximum value of SAR (measured) = 22.9 mW/g

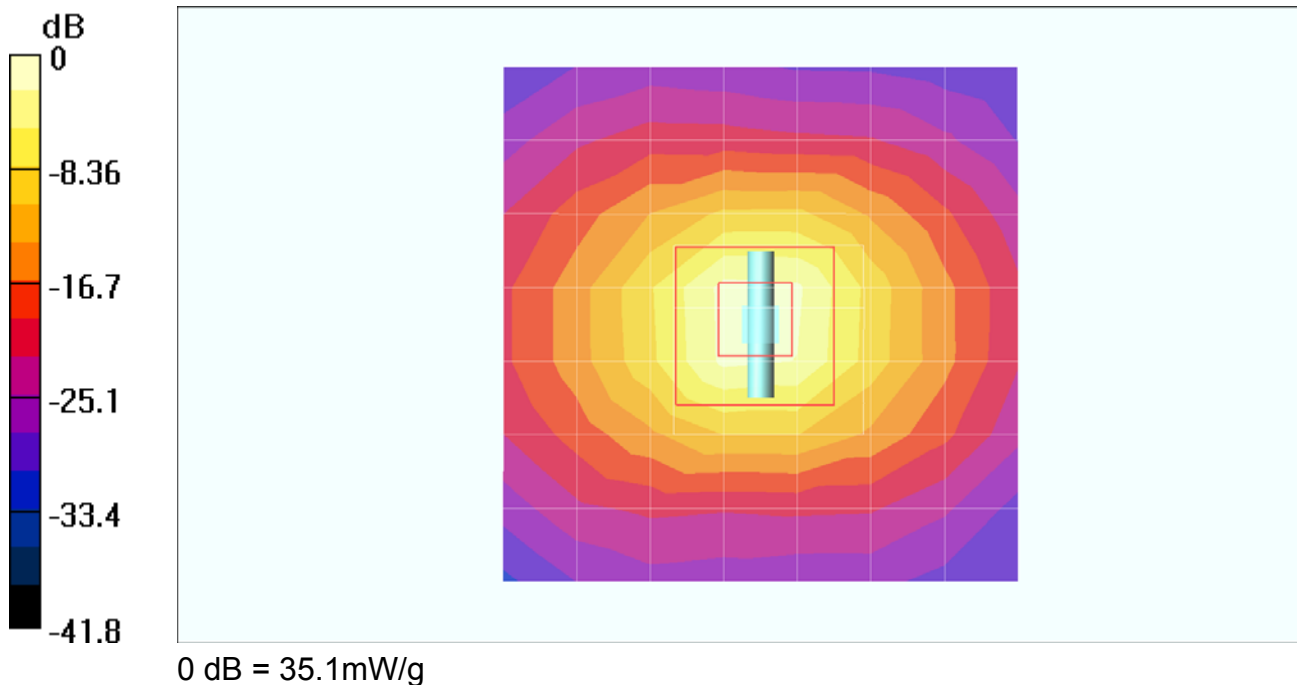
d=10mm, Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 85.2 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 76.8 W/kg

SAR(1 g) = 17.9 mW/g; SAR(10 g) = 5 mW/g

Maximum value of SAR (measured) = 35.1 mW/g



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System Performance Check @ 5.8GHz (Body Tissue)

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Phantom section: Flat Section

Measurement Standard: DASy4 (High Precision Assessment)

d=10mm, Pin=250mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.7 mW/g

