

Test Laboratory: Compliance Certification Services

System Performance Check @ 2450MHz (Body Tissue)

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:748

Phantom section: Flat Section

Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.91$ mho/m; $\epsilon_r = 51.9$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 23.5 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(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (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 (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 17.7 mW/g

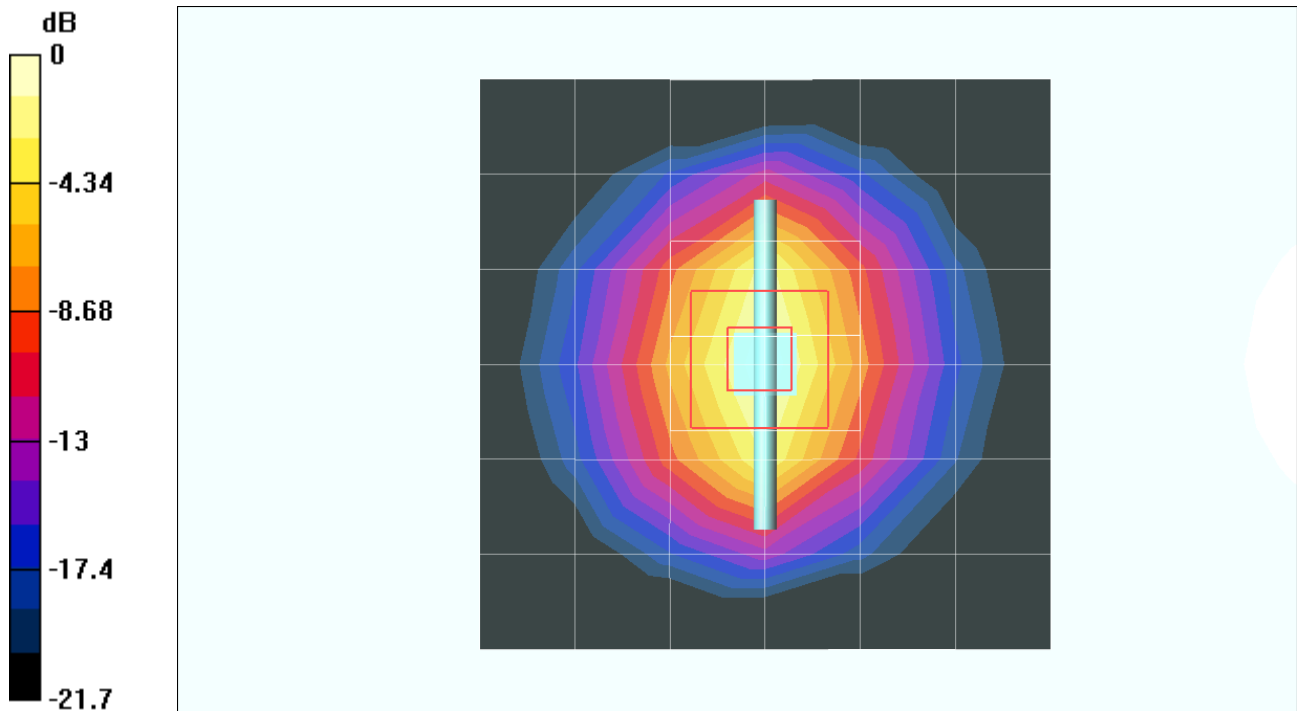
d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 98.2 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 25.1 W/kg

SAR(1 g) = 12.7 mW/g; SAR(10 g) = 5.99 mW/g

Maximum value of SAR (measured) = 17.4 mW/g



0 dB = 17.4mW/g

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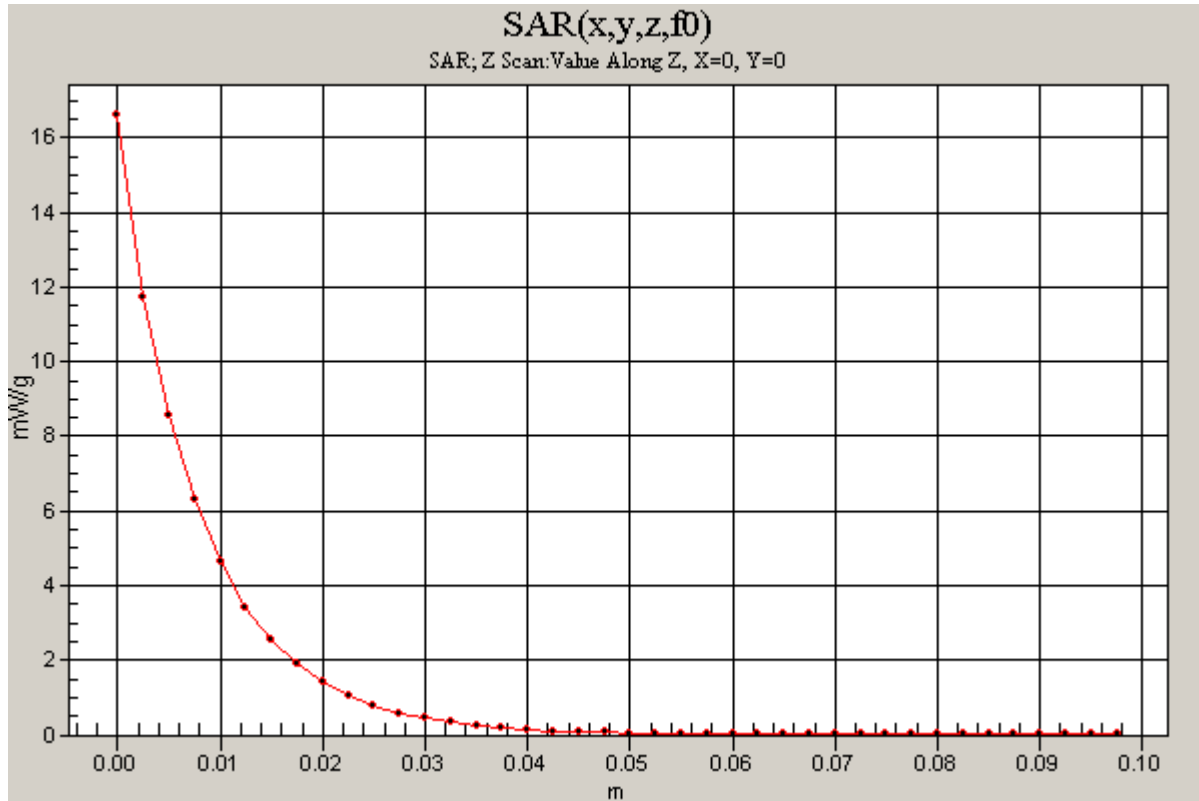
System Performance Check @ 2450MHz (Body Tissue)

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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) = 16.6 mW/g



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- 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(8.32, 8.32, 8.32);
- Sensor-Surface: 2.5mm (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 (7x7x1): Measurement grid: dx=15mm, dy=15mm

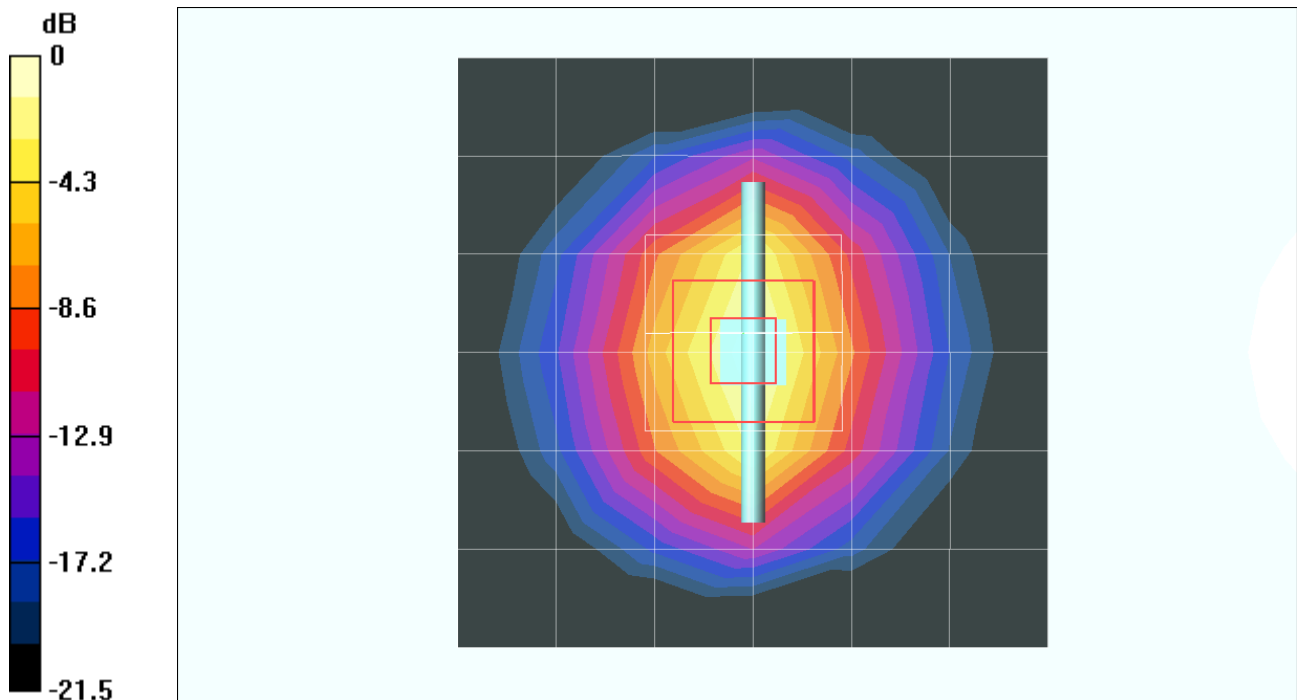
Maximum value of SAR (measured) = 18 mW/g

d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 97.7 V/m; Power Drift = 0.0 dB

Peak SAR (extrapolated) = 25.8 W/kg

SAR(1 g) = 12.9 mW/g; SAR(10 g) = 6.07 mW/g



0 dB = 18mW/g

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System Performance Check @ 2450MHz (Body Tissue)

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Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

d=10mm, Pin=250mW/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm
Maximum value of SAR (measured) = 16.9 mW/g

