



Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 2450 MHz Head
System Performance Check 5250 MHz Head





Test Laboratory: LCS-SAR Lab

System Check_2450Mhz

DUT: D2450V2; Type: D2450V2; Serial:808

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.784$ S/m; $\epsilon_r = 38.897$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.38, 7.38, 7.38); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (4x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 8.69 W/kg

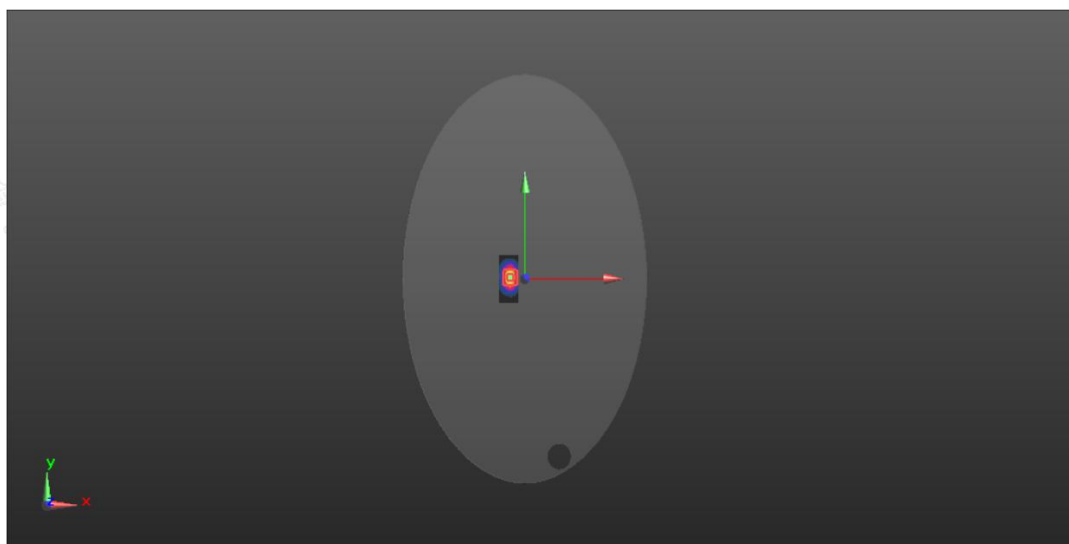
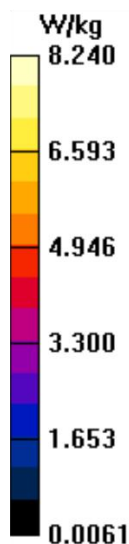
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.63 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.39 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (measured) = 8.24 W/kg



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Scan code to check authenticity



Test Laboratory: LCS-SAR Lab

System Check_5250Mhz

DUT: D5GHzV2; Type: D5GHzV2; Serial: 1046

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5250$ MHz; $\sigma = 4.579$ S/m; $\epsilon_r = 35.593$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.35, 5.35, 5.35); Calibrated: 2026/3/2;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2026/3/2
- Phantom: ELI v5.0; Type: ELI; Serial: 2010
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (5x5x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 14.3 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 49.28 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 7.87 W/kg; SAR(10 g) = 2.29 W/kg

Maximum value of SAR (measured) = 14.7 W/kg

