



Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 835 MHz Head
System Performance Check 1900 MHz Head
System Performance Check 2450 MHz Head





Date: 2025/3/29

Test Laboratory: LCS-SAR Lab

System Check_835Mhz

DUT: D835V2; Type: D835V2; Serial: 4d124

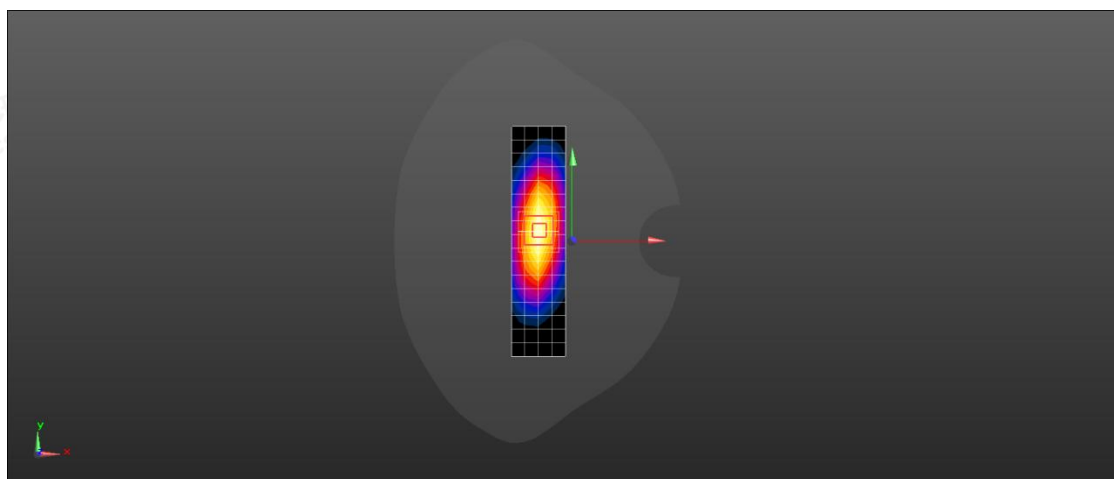
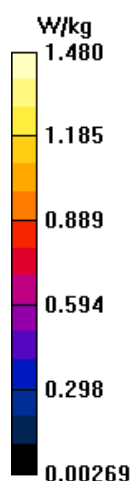
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 41.874$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (5x18x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 1.51 W/kg Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 26.87 V/m ; Power Drift = 0.13 dB Peak SAR (extrapolated) = 2.03 W/kg $\text{SAR}(1 \text{ g}) = 0.925 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 0.615 \text{ W/kg}$ Maximum value of SAR (measured) = 1.48 W/kg 



Test Laboratory: LCS-SAR Lab

System Check_1900Mhz

DUT: D1900V2; Type: D1900V2; Serial: 5d055

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.426$ S/m; $\epsilon_r = 40.682$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (4x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.65 W/kg

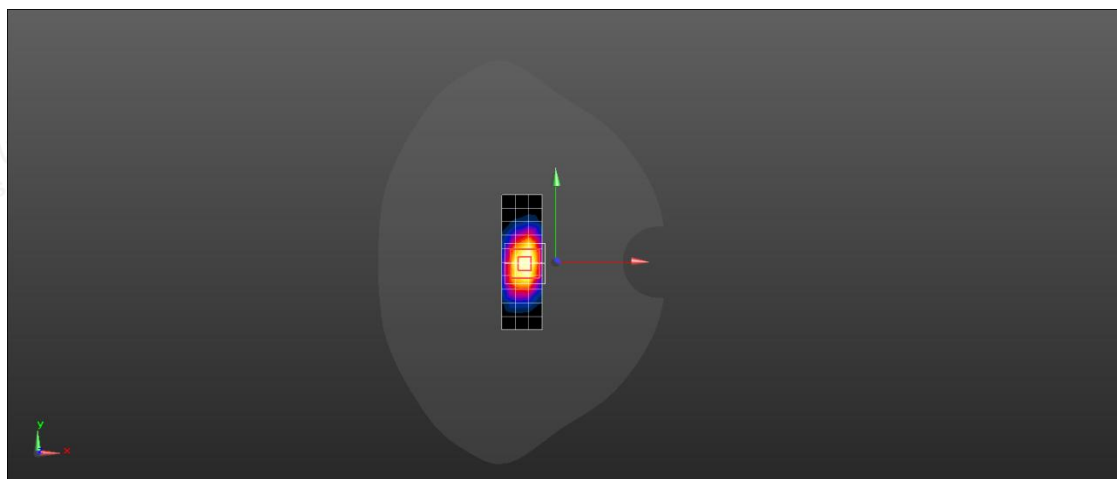
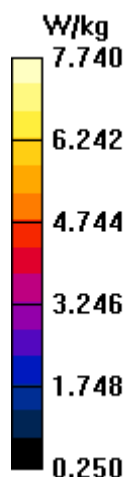
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.34 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 12.6 W/kg

SAR(1 g) = 3.95 W/kg; SAR(10 g) = 1.96 W/kg

Maximum value of SAR (measured) = 7.74 W/kg





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; $\sigma = 1.785$ S/m; $\epsilon_r = 39.076$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- 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) = 9.8 W/kg

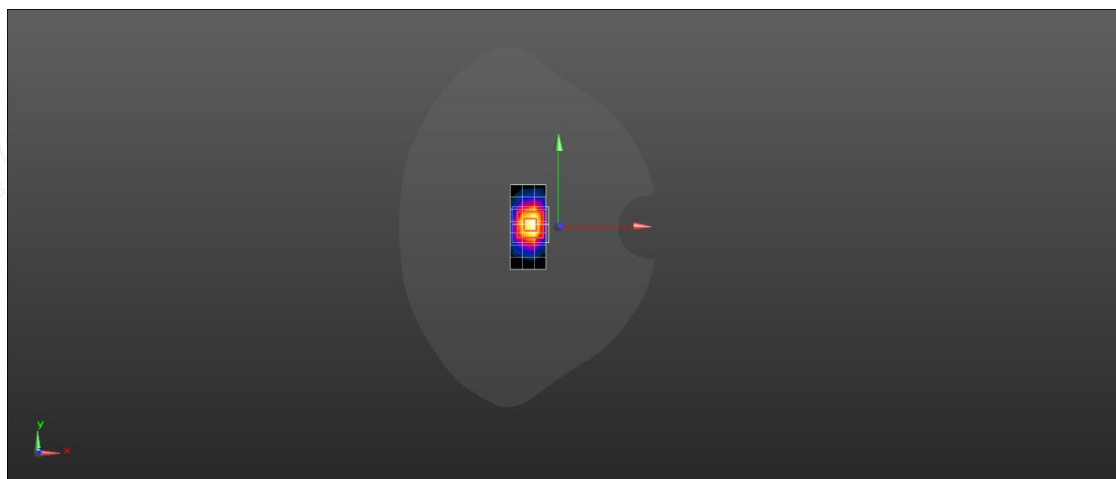
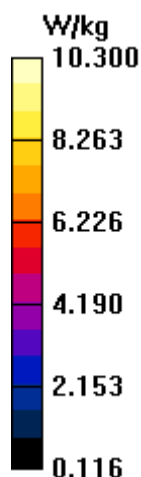
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.48 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 10.3 W/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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