



Appendix A

Detailed System Check Results

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





Date: 2025/1/8

Test Laboratory: LCS-SAR Lab

System Check_835Mhz

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

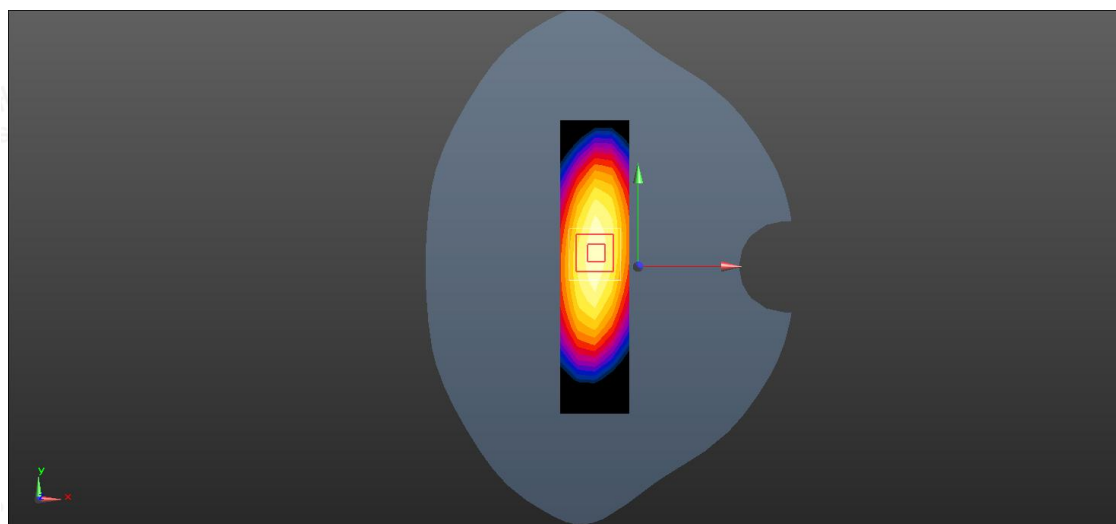
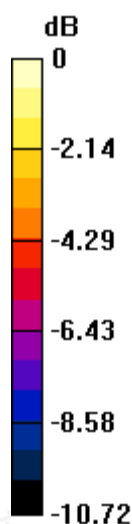
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.901 \text{ S/m}$; $\epsilon_r = 41.669$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/1/3
- 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) = 3.62 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 = 56.17 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 4.58 W/kg $\text{SAR}(1 \text{ g}) = 2.36 \text{ W/kg}$; $\text{SAR}(10 \text{ g}) = 1.57 \text{ W/kg}$ Maximum value of SAR (measured) = 3.68 W/kg  $0 \text{ dB} = 3.68 \text{ W/kg} = 5.66 \text{ dBW/kg}$ 

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Scan code to check authenticity



Date: 2025/1/9

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; $\sigma = 1.394$ S/m; $\epsilon_r = 39.415$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2024/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 13.76 W/kg

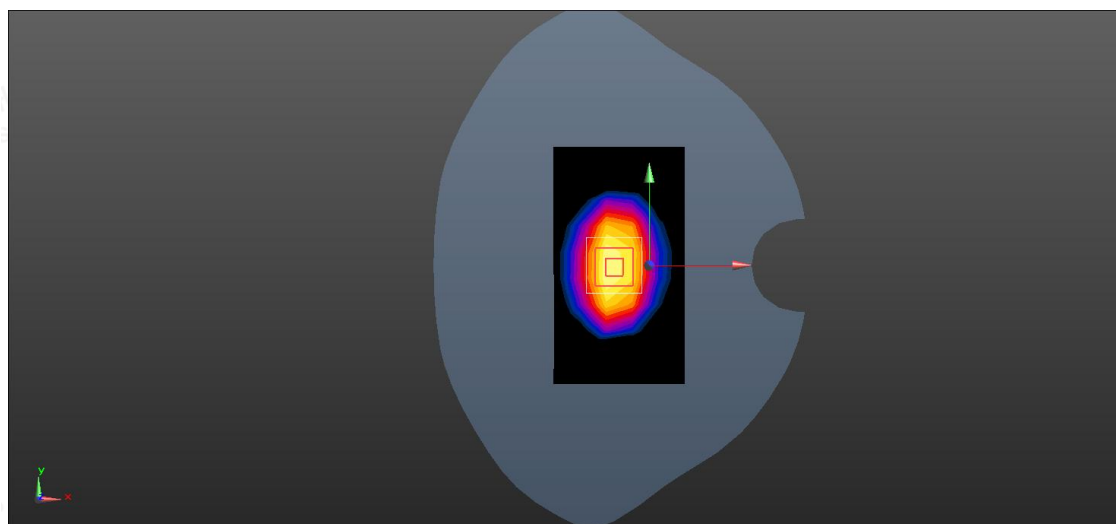
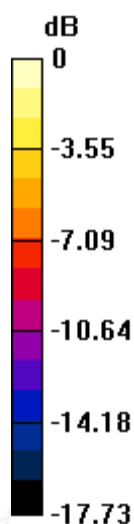
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.66 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 18.31 W/kg

SAR(1 g) = 10.16 W/kg; SAR(10 g) = 5.34 W/kg

Maximum value of SAR (measured) = 13.91 W/kg



0 dB = 13.91 W/kg = 11.43 dBW/kg



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