
Appendix B. System Check Data

Test Laboratory: DEKRA

Date: 2026/02/24

System Performance Check_835MHz-Head**DUT: D835V2; Type: D835V2**

Communication System: UID 0, CW; Frequency: 835 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.87 \text{ S/m}$; $\epsilon_r = 42.05$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3975; ConvF(8.93, 9.58, 9.34) @ 835 MHz; Calibrated: 2025/08/06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2025/07/14
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/835MHz Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.82 W/kg

Configuration/835MHz Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 61.57 V/m; Power Drift = 0.01 dB

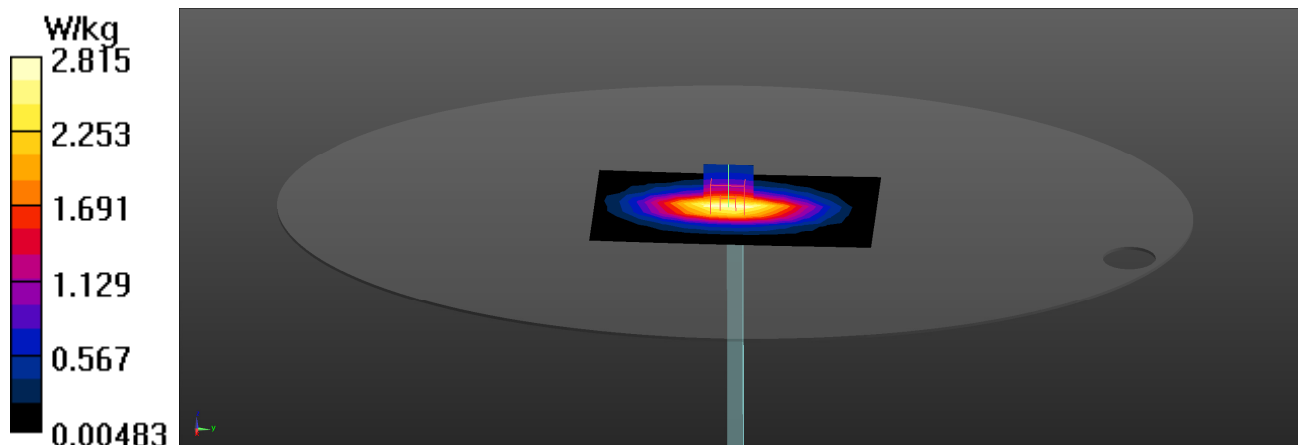
Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.55 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 69.6%

Maximum value of SAR (measured) = 3.01 W/kg



Test Laboratory: DEKRA

Date: 2026/02/24

System Performance Check_1950MHz-Head**DUT: Dipole 1950 MHz; Type: D1950V3**

Communication System: UID 0, CW (0); Frequency: 1950 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1950 \text{ MHz}$; $\sigma = 1.4 \text{ S/m}$; $\epsilon_r = 40.21$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.19, 7.71, 7.52) @ 1950 MHz; Calibrated: 2025/08/06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2025/07/14
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1950MHz/Area Scan (8x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 12.5 W/kg

Configuration/1950MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 101.3 V/m; Power Drift = 0.15 dB

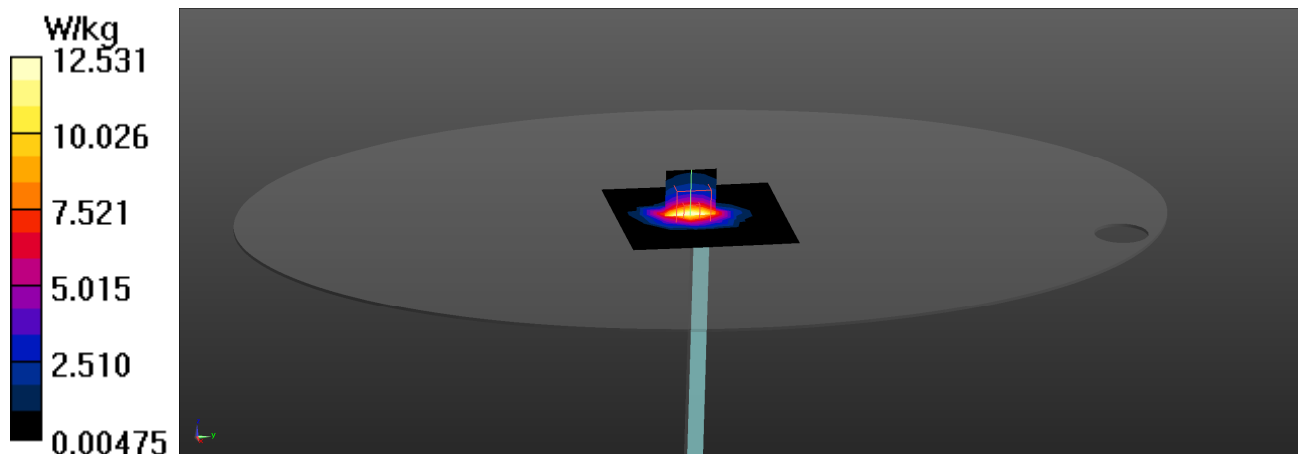
Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 9.73 W/kg; SAR(10 g) = 5.17 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 14.5 W/kg



Test Laboratory: DEKRA

Date: 2026/02/24

System Performance Check_3700MHz-Head**DUT: D3700V2; Type: D3700V2**

Communication System: UID 0, CW; Frequency: 3700 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.03$ S/m; $\epsilon_r = 37.82$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3975; ConvF(6.07, 6.51, 6.35) @ 3700 MHz; Calibrated: 2025/08/06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2025/07/14
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700MHz/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.57 W/kg

Configuration/3700MHz/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 59.90 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 16.7 W/kg

SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.6 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 77.1%

Maximum value of SAR (measured) = 12.6 W/kg

