
Appendix C. System Check Data

Test Laboratory: DEKRA

Date: 2026-03-09

System Performance Check_1950MHz-Head

Communication System: UID 0--, CW; Frequency: 1950.000 MHz

Medium parameters used: $f = 1950.000$ MHz; Conductivity = 1.42 S/m; Permittivity = 39.6

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(7.11, 7.29, 7.22); Calibrated: 2025-04-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2025-04-23
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement grid: 10.0 mm x 15.0 mm

SAR (1 g) = 9.69 W/kg; SAR (10 g) = 4.97 W/kg

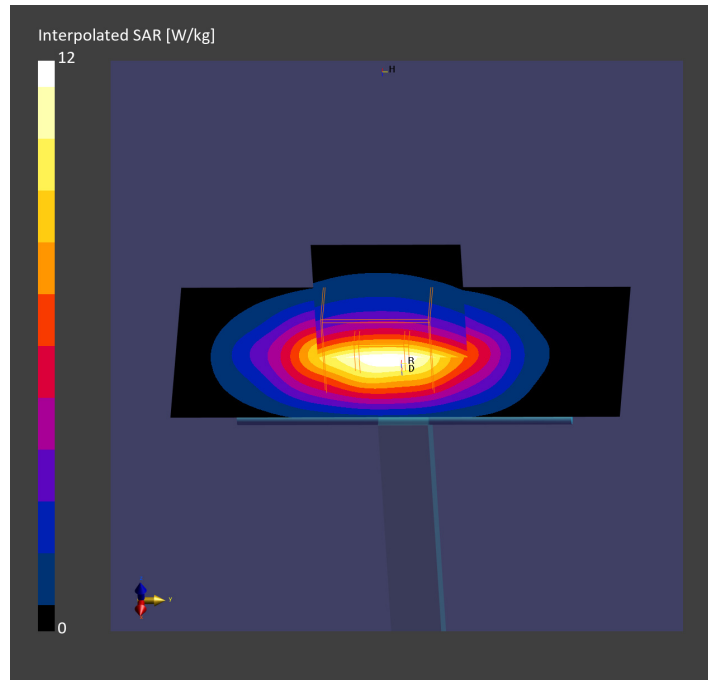
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.07 dB

SAR(1 g) = 9.72 W/kg; SAR(10 g) = 5.06 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3

Ratio of SAR at M2 to SAR at M1 = 83.1



Test Laboratory: DEKRA

Date: 2026-03-09

System Performance Check_2300MHz-Head

Communication System: UID 0--, CW; Frequency: 2300.000 MHz

Medium parameters used: $f = 2300.000$ MHz; Conductivity = 1.63 S/m; Permittivity = 39.44

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(6.82, 6.99, 6.93); Calibrated: 2025-04-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2025-04-23
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 12.6 W/kg; SAR (10 g) = 5.97 W/kg

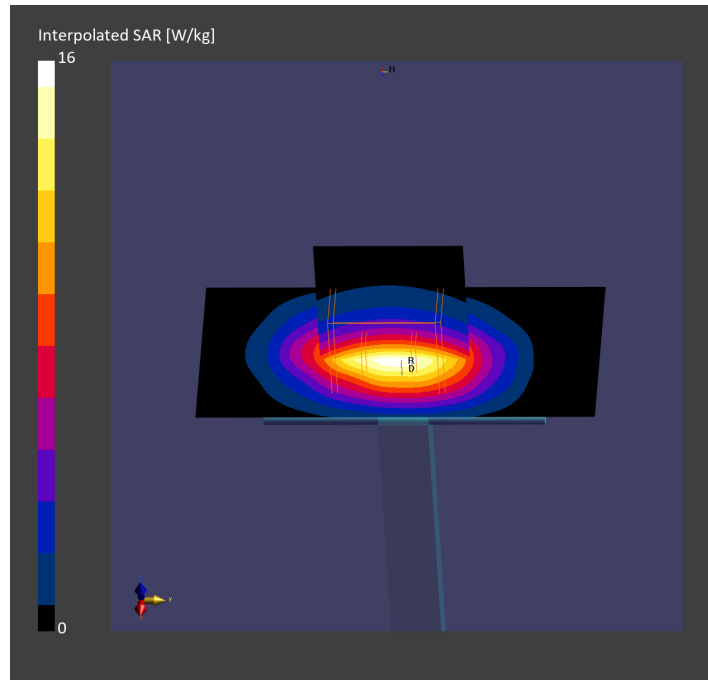
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.17 dB

SAR(1 g) = 11.9 W/kg; SAR(10 g) = 5.71 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 84.9



Test Laboratory: DEKRA

Date: 2026-03-09

System Performance Check_3700MHz-Head

Communication System: UID 0--, CW; Frequency: 3700.000 MHz

Medium parameters used: $f = 3700.000$ MHz; Conductivity = 3.04 S/m; Permittivity = 37.6

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(5.98, 6.12, 6.07); Calibrated: 2025-04-23
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2025-04-23
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 6.74 W/kg; SAR (10 g) = 2.55 W/kg

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR(1 g) = 6.89 W/kg; SAR(10 g) = 2.59 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4

Ratio of SAR at M2 to SAR at M1 = 77.5

