
Appendix A. System Check Data

Test Laboratory: DEKRA

Date: 2026-09-07

System Performance Check_2450MHz-Head

Communication System: UID 0--, CW; Frequency: 2450.000 MHz

Medium parameters used: $f = 2450.000$ MHz; Conductivity = 1.85 S/m; Permittivity = 39.2

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(6.9, 7.19, 6.96); Calibrated: 2026-04-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2026-04-22
- 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) = 13.3 W/kg; SAR (10 g) = 6.16 W/kg

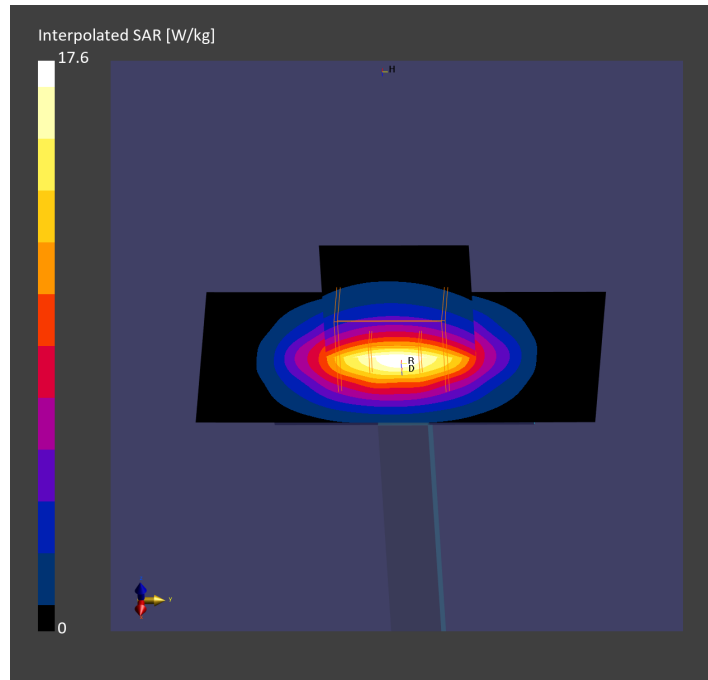
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.44 W/kg

Smallest distance from peaks to all points 3 dB below = 9.1

Ratio of SAR at M2 to SAR at M1 = 81.1



Test Laboratory: DEKRA

Date: 2026-09-04

System Performance Check_5250MHz-Head

Communication System: UID 0--, CW; Frequency: 5250.000 MHz

Medium parameters used: $f = 5250.000$ MHz; Conductivity = 4.71 S/m; Permittivity = 35.6

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(5.14, 5.35, 5.18); Calibrated: 2026-04-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2026-04-22
- 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) = 7.08 W/kg; SAR (10 g) = 2.05 W/kg

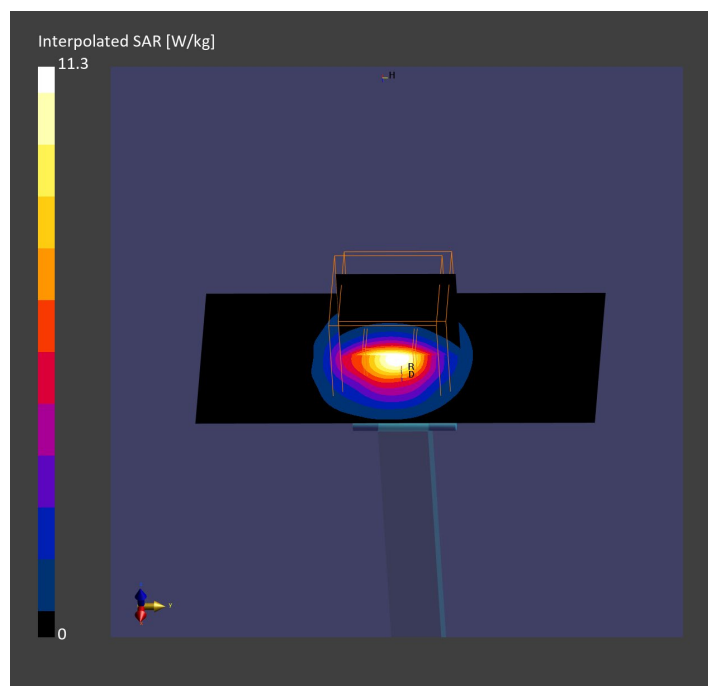
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.22 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4

Ratio of SAR at M2 to SAR at M1 = 66.3



Test Laboratory: DEKRA

Date: 2026-09-04

System Performance Check_5600MHz-Head

Communication System: UID 0--, CW; Frequency: 5600.000 MHz

Medium parameters used: $f = 5600.000$ MHz; Conductivity = 5.18 S/m; Permittivity = 34.6

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.55, 4.74, 4.59); Calibrated: 2026-04-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2026-04-22
- 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) = 8.10 W/kg; SAR (10 g) = 2.35 W/kg

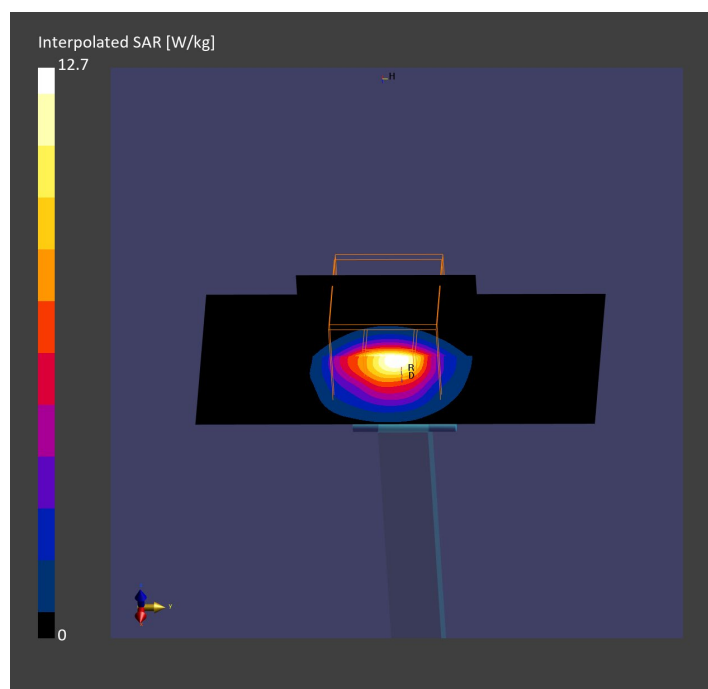
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.04 dB

SAR(1 g) = 8.73 W/kg; SAR(10 g) = 2.53 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4

Ratio of SAR at M2 to SAR at M1 = 63.6



Test Laboratory: DEKRA

Date: 2026-09-04

System Performance Check_5800MHz-Head

Communication System: UID 0--, CW; Frequency: 5800.000 MHz

Medium parameters used: $f = 5800.000$ MHz; Conductivity = 5.44 S/m; Permittivity = 34.1

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.62, 4.82, 4.66); Calibrated: 2026-04-21
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1791; Calibrated: 2026-04-22
- 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) = 7.46 W/kg; SAR (10 g) = 2.19 W/kg

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.35 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4

Ratio of SAR at M2 to SAR at M1 = 60.9

