

Appendix A. System Check Data

Test Laboratory: DEKRA

Date: 2024-03-20

System Performance Check_2450MHz-Head

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

Medium parameters used: $f = 2450.000$ MHz; Conductivity = 1.80 S/m; Permittivity = 40.4

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(7.16, 7.70, 7.45); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

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

SAR (1 g) = 12.9 W/kg; SAR (10 g) = 5.99 W/kg

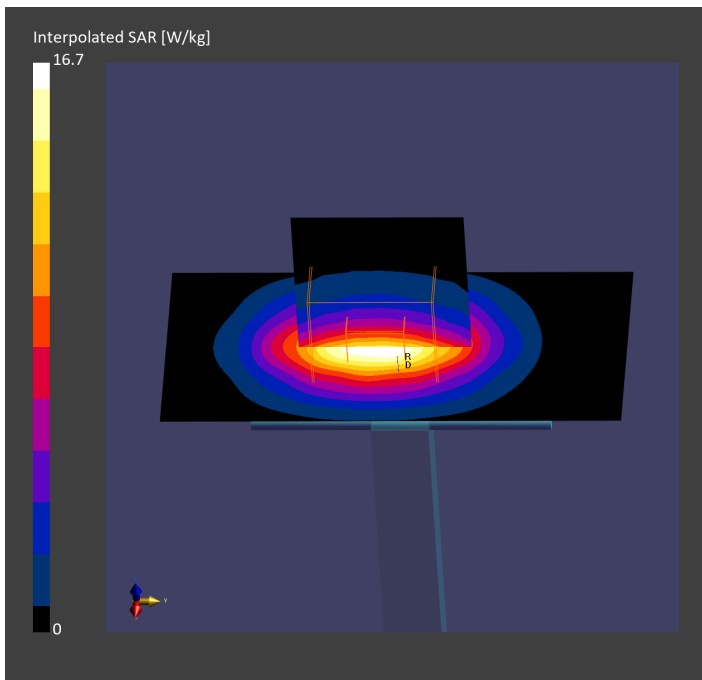
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.07 W/kg

Smallest distance from peaks to all points 3 dB below = 9.0

Ratio of SAR at M2 to SAR at M1 = 80.4



Test Laboratory: DEKRA

Date: 2024-03-25

System Performance Check_5250MHz-Head

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

Medium parameters used: $f = 5250.000$ MHz; Conductivity = 4.65 S/m; Permittivity = 36.7

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(5.61, 5.95, 5.67); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

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

SAR (1 g) = 7.27 W/kg; SAR (10 g) = 2.12 W/kg

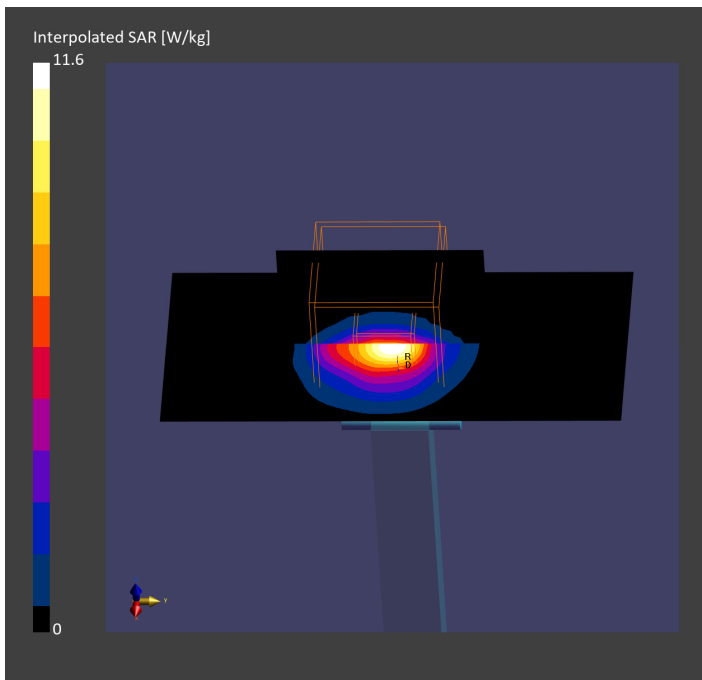
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.31 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2

Ratio of SAR at M2 to SAR at M1 = 64.9



Test Laboratory: DEKRA

Date: 2024-03-25

System Performance Check_5600MHz-Head

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

Medium parameters used: $f = 5600.000$ MHz; Conductivity = 5.13 S/m; Permittivity = 35.8

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(4.87, 5.12, 4.91); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

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

SAR (1 g) = 7.57 W/kg; SAR (10 g) = 2.20 W/kg

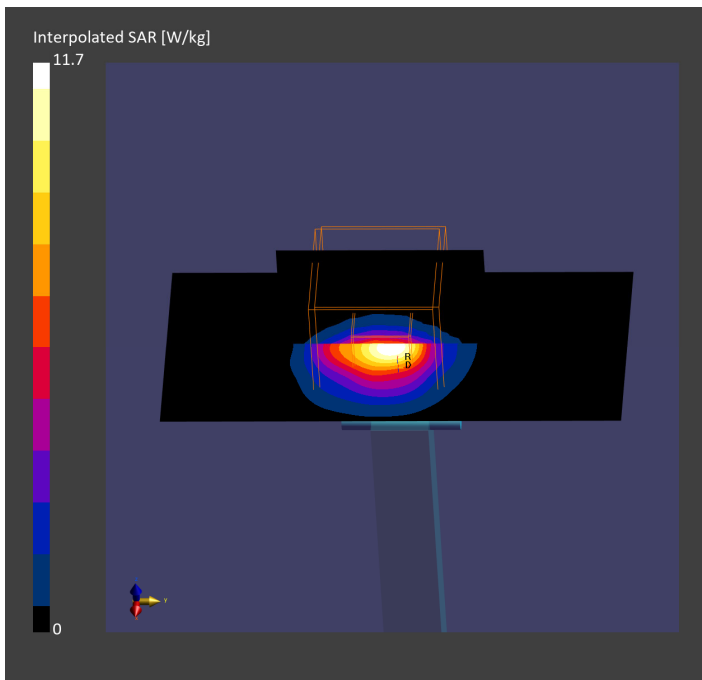
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.01 dB

SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.34 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3

Ratio of SAR at M2 to SAR at M1 = 63.5



Test Laboratory: DEKRA

Date: 2024-03-25

System Performance Check_5750MHz-Head

Communication System: UID 0--, CW; Frequency: 5750.000 MHz

Medium parameters used: $f = 5750.000$ MHz; Conductivity = 5.35 S/m; Permittivity = 35.4

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(5.09, 5.35, 5.13); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

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

SAR (1 g) = 7.28 W/kg; SAR (10 g) = 2.07 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 = 0.02 dB

SAR(1 g) = 7.85 W/kg; SAR(10 g) = 2.26 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9

Ratio of SAR at M2 to SAR at M1 = 61.6

