
Appendix A. System Check Data

Test Laboratory: DEKRA

Date: 2026/06/15

System Performance Check_750MHz-Head

Communication System: UID 0, CW; Frequency: 750 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 43.64$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(11.09, 10.27, 10) @ 750 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/750MHz-Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 2.53 W/kg**Configuration/750MHz-Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 58.36 V/m; Power Drift = 0.01 dB

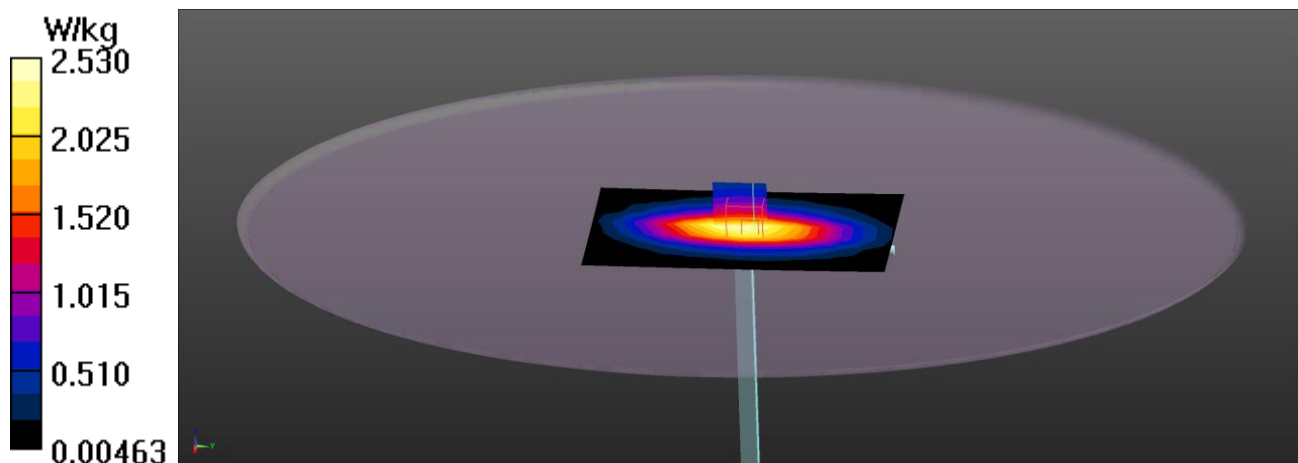
Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.39 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 2.67 W/kg



Test Laboratory: DEKRA

Date: 2026/06/21

System Performance Check_835MHz-Head

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

Communication System PAR: 0 dB

Medium parameters used: $f = 835 \text{ MHz}$; $\sigma = 0.91 \text{ S/m}$; $\epsilon_r = 42.59$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(10.87, 10.07, 9.8) @ 835 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- 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) = 2.56 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 = 61.13 V/m; Power Drift = -0.01 dB

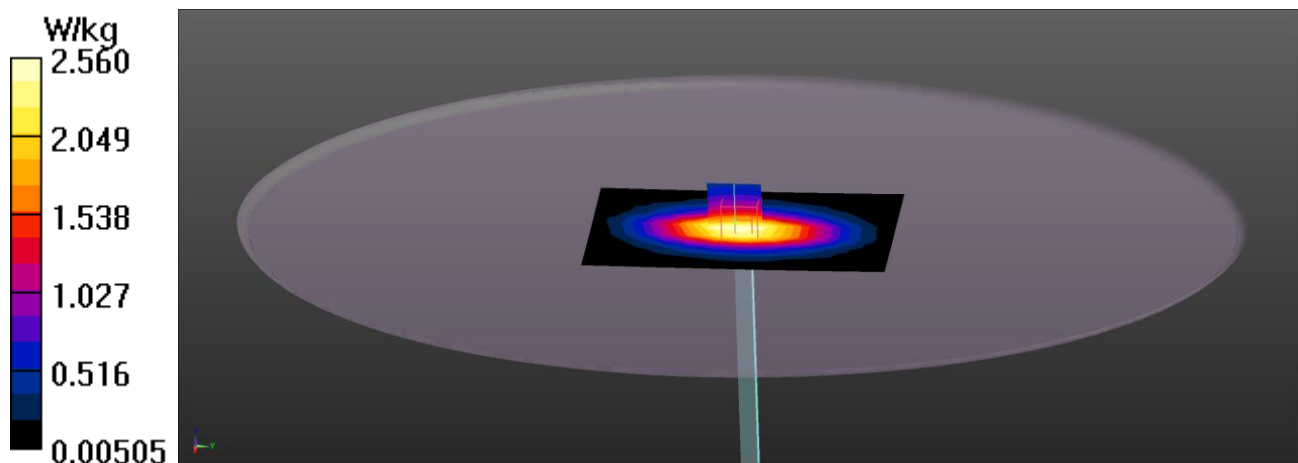
Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.52 W/kg

Smallest distance from peaks to all points 3 dB below = 18.7 mm

Ratio of SAR at M2 to SAR at M1 = 69.8%

Maximum value of SAR (measured) = 2.81 W/kg



Test Laboratory: DEKRA

Date: 2026/06/22

System Performance Check_1750MHz-Head

Communication System: UID 0, CW; Frequency: 1750 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.42$ S/m; $\epsilon_r = 41.12$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.92, 8.26, 8.04) @ 1750 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1750MHz-Head/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 8.50 W/kg**Configuration/1750MHz-Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.7 V/m; Power Drift = 0.02 dB

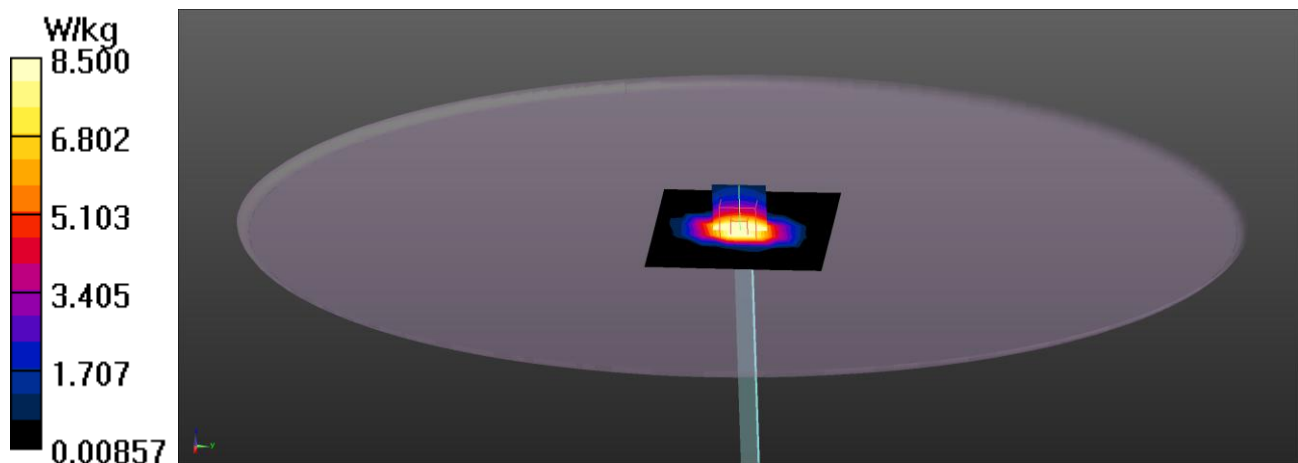
Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 9.09 W/kg; SAR(10 g) = 5.19 W/kg

Smallest distance from peaks to all points 3 dB below = 9.7 mm

Ratio of SAR at M2 to SAR at M1 = 61.5%

Maximum value of SAR (measured) = 13.1 W/kg



Test Laboratory: DEKRA

Date: 2026/06/23

System Performance Check_1950MHz-Head

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

Communication System PAR: 0 dB

Medium parameters used: $f = 1950$ MHz; $\sigma = 1.45$ S/m; $\epsilon_r = 40.15$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.59, 7.96, 7.74) @ 1950 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/1950MHz-Head/Area Scan (8x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 11.2 W/kg**Configuration/1950MHz-Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 104.1 V/m; Power Drift = 0.07 dB

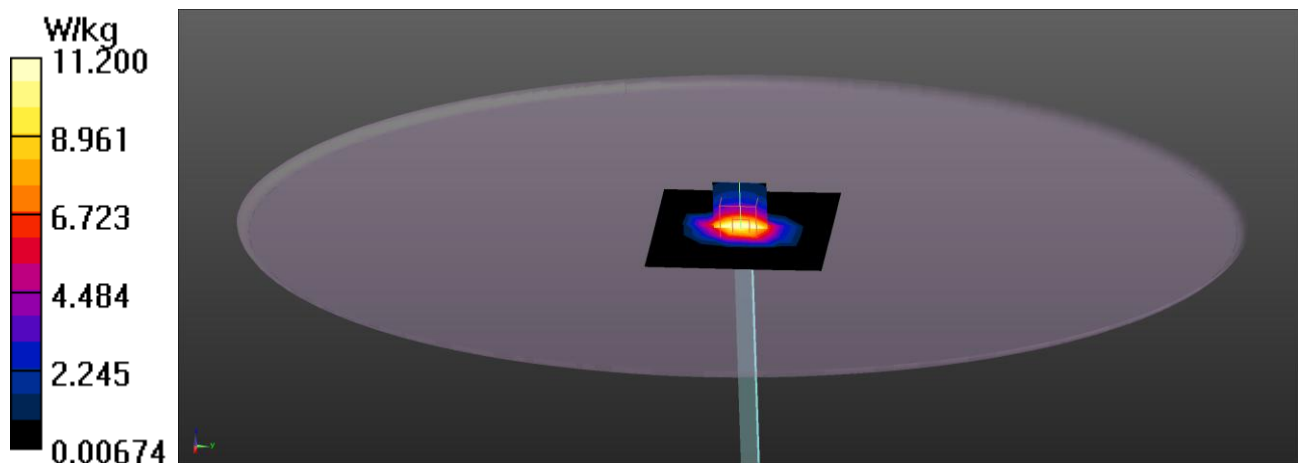
Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 9.9 W/kg; SAR(10 g) = 5.48 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 14.3 W/kg



Test Laboratory: DEKRA

Date: 2026/06/24

System Performance Check_2600MHz-Head

Communication System: UID 0, CW; Frequency: 2600 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.97$ S/m; $\epsilon_r = 38.73$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.87, 7.29, 7.1) @ 2600 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/2600MHz-Head/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 23.4 W/kg**Configuration/2600MHz-Head/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.0 V/m; Power Drift = 0.01 dB

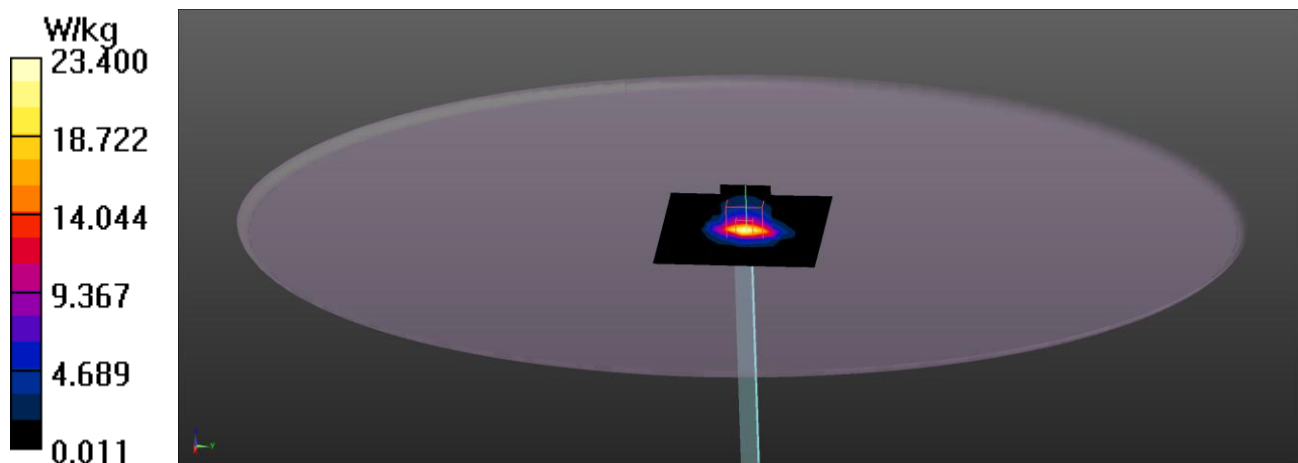
Peak SAR (extrapolated) = 30.3 W/kg

SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.78 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 24.3 W/kg



Test Laboratory: DEKRA

Date: 2026/06/19

System Performance Check_3500MHz-Head

Communication System: UID 0, CW; Frequency: 3500 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 3500$ MHz; $\sigma = 3.01$ S/m; $\epsilon_r = 36.73$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.23, 6.7, 6.52) @ 3500 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500MHz-Head/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.7 W/kg**Configuration/3500MHz-Head/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 56.59 V/m; Power Drift = 0.02 dB

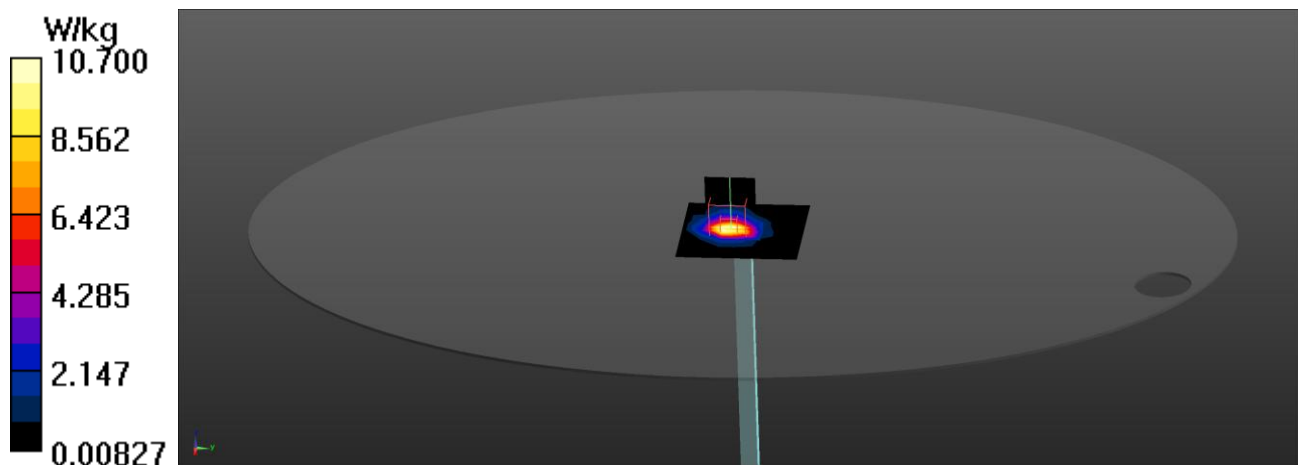
Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 6.92 W/kg; SAR(10 g) = 2.68 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 78.4%

Maximum value of SAR (measured) = 12.8 W/kg



Test Laboratory: DEKRA

Date: 2026/06/20

System Performance Check_3500MHz-Head

Communication System: UID 0, CW; Frequency: 3500 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 3500$ MHz; $\sigma = 2.91$ S/m; $\epsilon_r = 38.77$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.23, 6.7, 6.52) @ 3500 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3500MHz-Head/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.51 W/kg**Configuration/3500MHz-Head/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 60.69 V/m; Power Drift = 0.06 dB

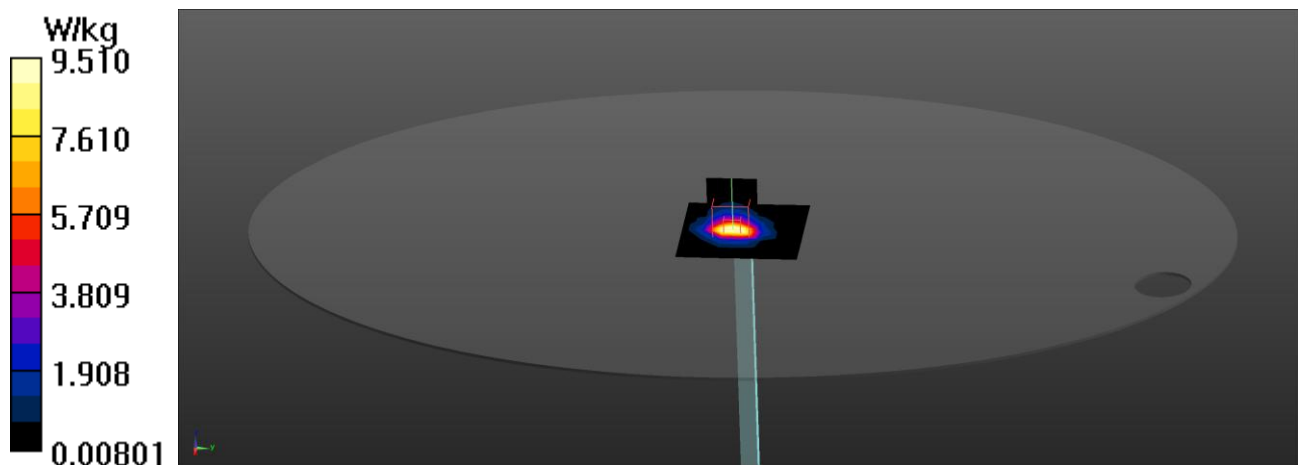
Peak SAR (extrapolated) = 15.2 W/kg

SAR(1 g) = 6.49 W/kg; SAR(10 g) = 2.59 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 78.8%

Maximum value of SAR (measured) = 11.9 W/kg



Test Laboratory: DEKRA

Date: 2026/06/19

System Performance Check_3700MHz-Head

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

Communication System PAR: 0 dB

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.23$ S/m; $\epsilon_r = 36.23$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.17, 6.64, 6.46) @ 3700 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/3700MHz-Head/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.1 W/kg**Configuration/3700MHz-Head/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 58.86 V/m; Power Drift = 0.06 dB

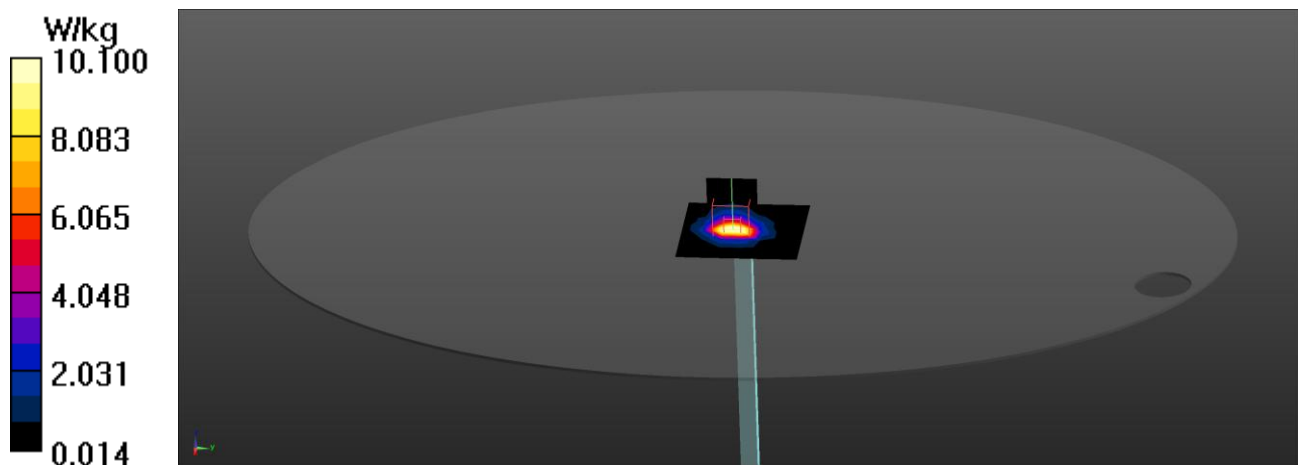
Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.74 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 76.9%

Maximum value of SAR (measured) = 13.4 W/kg



Test Laboratory: DEKRA

Date: 2026/06/20

System Performance Check_3700MHz-Head

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

Communication System PAR: 0 dB

Medium parameters used: $f = 3700$ MHz; $\sigma = 3.18$ S/m; $\epsilon_r = 37.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.17, 6.64, 6.46) @ 3700 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/3700MHz-Head/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 9.98 W/kg**Configuration/3700MHz-Head/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 56.08 V/m; Power Drift = 0.08 dB

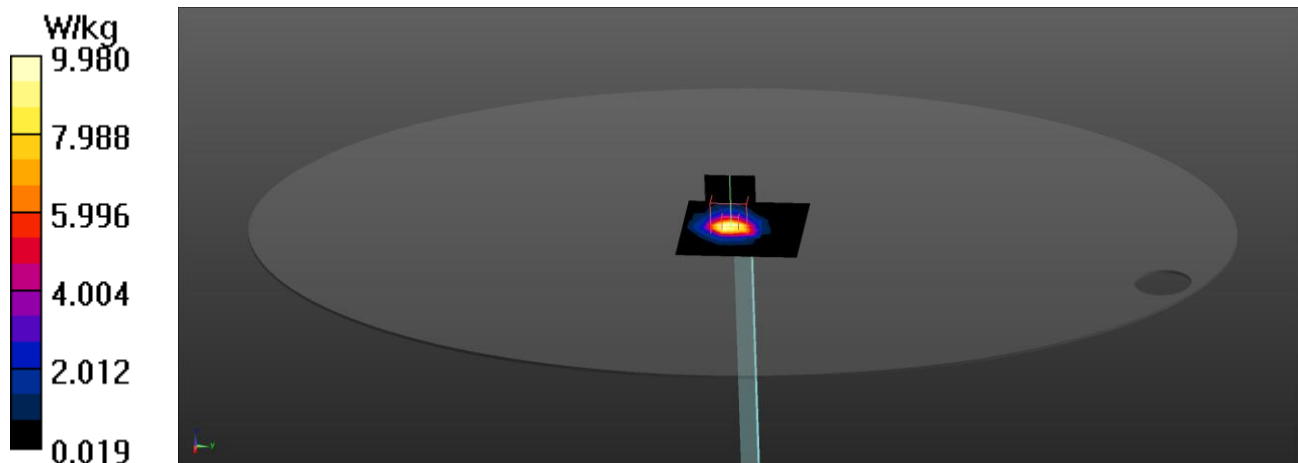
Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 6.71 W/kg; SAR(10 g) = 2.53 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 77%

Maximum value of SAR (measured) = 12.9 W/kg



Test Laboratory: DEKRA

Date: 2026/06/20

System Performance Check_3900MHz-Head

Communication System: UID 0, CW; Frequency: 3900 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 3900$ MHz; $\sigma = 3.44$ S/m; $\epsilon_r = 35.87$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.09, 6.57, 6.39) @ 3900 MHz; Calibrated: 2026/02/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2026/02/16
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/3900MHz-Head/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 10.6 W/kg**Configuration/3900MHz-Head/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 55.95 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 18.1 W/kg

SAR(1 g) = 7.06 W/kg; SAR(10 g) = 2.6 W/kg

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 76.6%

Maximum value of SAR (measured) = 13.7 W/kg

