
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2026-05-28

8_WLAN2.4GHz_802.11b-1M_CH1_Right-side_5mm_Ant 2

Communication System: UID 10415-AAA, WLAN; Frequency: 2412.000 MHz

Medium parameters used: $f = 2412.000$ MHz; Conductivity = 1.78 S/m; Permittivity = 40.5

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 (80.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 1.03 W/kg; SAR (10 g) = 0.461 W/kg

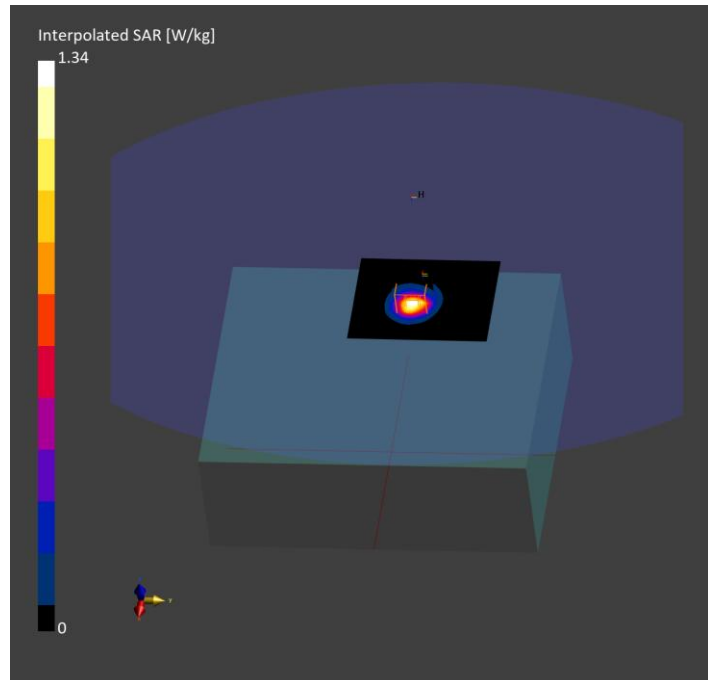
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.08 dB

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.470 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 79.9



Test Laboratory: DEKRA

Date: 2026-06-01

6_WLAN5GHz_802.11ac80-VHT0_CH58_Right-side_5mm_Ant 2

Communication System: UID 10544-AAD, WLAN; Frequency: 5290.000 MHz

Medium parameters used: $f = 5290.000$ MHz; Conductivity = 4.74 S/m; Permittivity = 36.7

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 (100.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.970 W/kg; SAR (10 g) = 0.310 W/kg

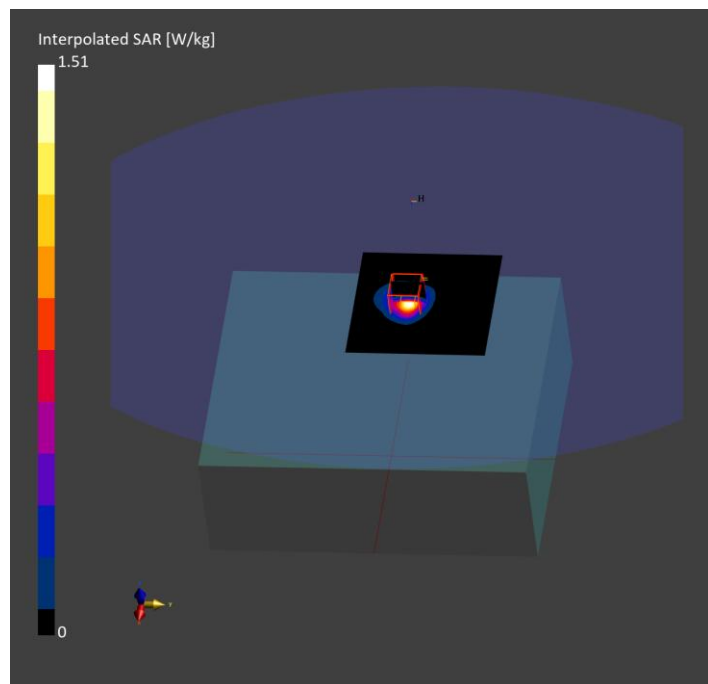
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.340 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 60.3



Test Laboratory: DEKRA

Date: 2026-06-01

11_WLAN5GHz_802.11ac80-VHT0_CH106_Right-side_5mm_Ant 2

Communication System: UID 10544-AAD, WLAN; Frequency: 5530.000 MHz

Medium parameters used: $f = 5530.000$ MHz; Conductivity = 5.07 S/m; Permittivity = 36.0

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 (80.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.832 W/kg; SAR (10 g) = 0.271 W/kg

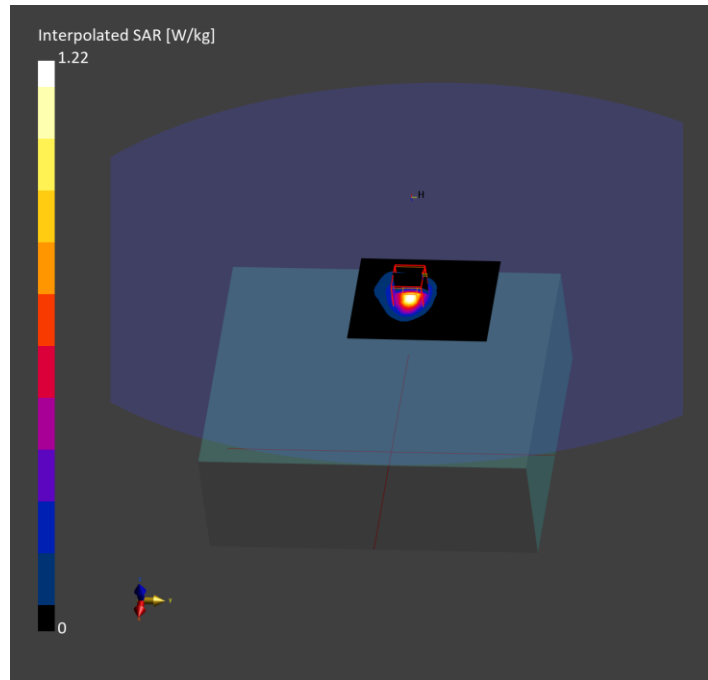
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.09 dB

SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.294 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 58.1



Test Laboratory: DEKRA

Date: 2026-06-01

14_WLAN5GHz_802.11ac80-VHT0_CH155_Right-side_5mm_Ant 2

Communication System: UID 10544-AAD, WLAN; Frequency: 5775.000 MHz

Medium parameters used: $f = 5775.000$ MHz; Conductivity = 5.39 S/m; Permittivity = 35.3

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 (80.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.802 W/kg; SAR (10 g) = 0.244 W/kg

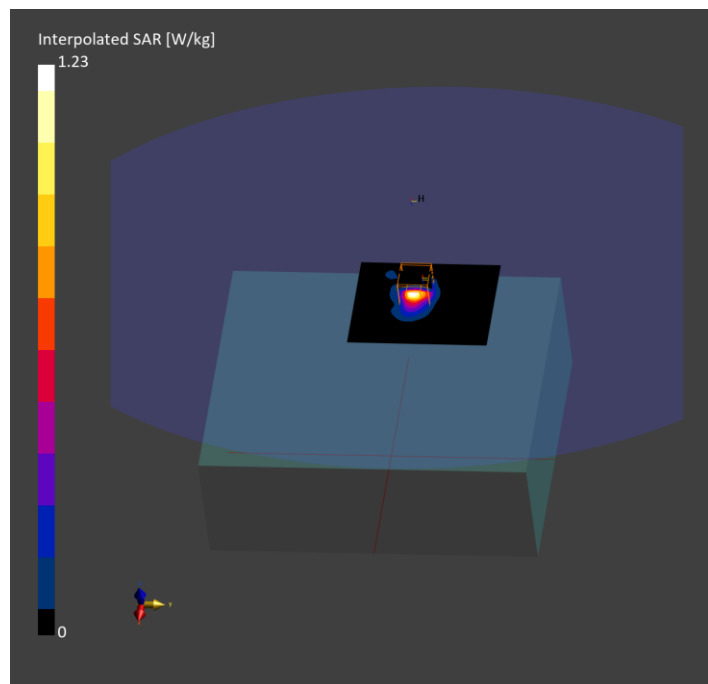
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.07 dB

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.273 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.7



Test Laboratory: DEKRA

Date: 2026-06-02

9_WLAN6GHz_802.11ax160-HE0_CH47_Right-side_5mm_Ant 2

Communication System: UID 10755-AAC, WLAN; Frequency: 6185.000 MHz

Medium parameters used: $f = 6185.000$ MHz; Conductivity = 5.56 S/m; Permittivity = 35.8

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.86, 5.07, 4.9); 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 (85.0 mm x 102.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.421 W/kg; SAR (10 g) = 0.130 W/kg

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 3.4 mm x 3.4 mm x 1.4 mm

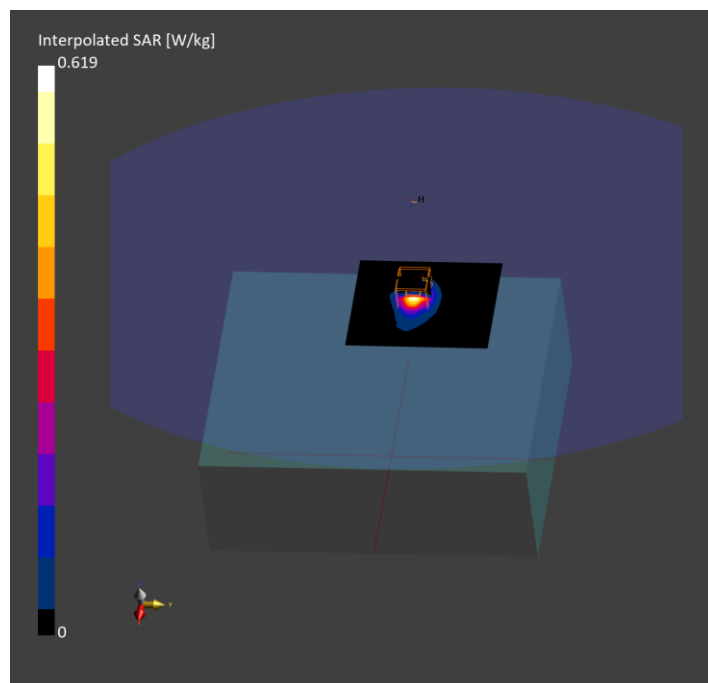
Power Drift = -0.04 dB

SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.140 W/kg

psAPD (4.0cm², sq) = 3.24 W/m²

Smallest distance from peaks to all points 3 dB below = 7.7

Ratio of SAR at M2 to SAR at M1 = 50.7



Test Laboratory: DEKRA

Date: 2026/06/03

2_RFID_CH902750_Top_0mm_ANT Main

Communication System: UID 0, RFID; Frequency: 902.75 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 902.75$ MHz; $\sigma = 0.99$ S/m; $\epsilon_r = 41.22$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(10.66, 9.88, 9.61) @ 902.75 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/Flat/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00680 W/kg

Configuration/Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.742 V/m; Power Drift = -0.16 dB

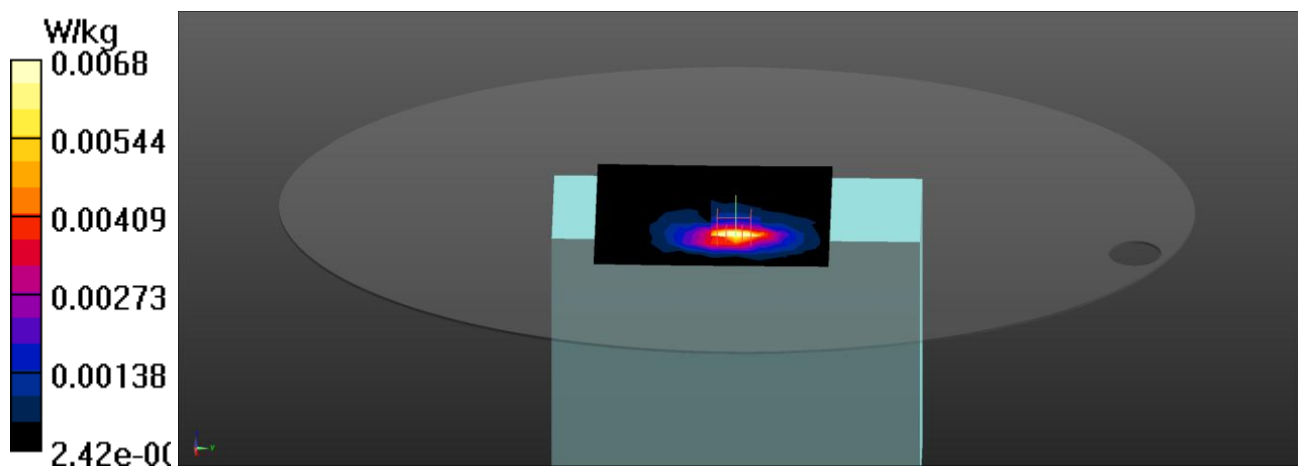
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00542 W/kg; SAR(10 g) = 0.00258 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 0.0106 W/kg



Test Laboratory: DEKRA

Date: 2026-05-28

37_WLAN2.4GHz_802.11b-1M_CH6_Right-side_0mm_Ant 2

Communication System: UID 10415-AAA, WLAN; Frequency: 2437.000 MHz

Medium parameters used: $f = 2437.000$ MHz; Conductivity = 1.81 S/m; Permittivity = 40.4

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 (100.0 mm x 140.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 1.39 W/kg; SAR (10 g) = 0.553 W/kg

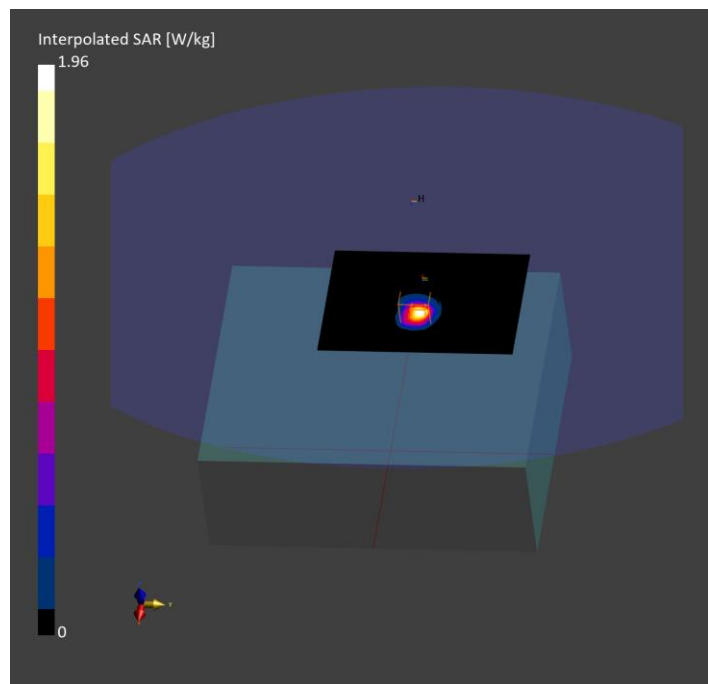
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.01 dB

SAR(1 g) = 1.49 W/kg; SAR(10 g) = 0.569 W/kg

Smallest distance from peaks to all points 3 dB below = 7.0

Ratio of SAR at M2 to SAR at M1 = 75.7



Test Laboratory: DEKRA

Date: 2026-06-01

46_WLAN5GHz_802.11ac80-VHT0_CH58_Back_0mm_Ant 1

Communication System: UID 10544-AAD, WLAN; Frequency: 5290.000 MHz

Medium parameters used: $f = 5290.000$ MHz; Conductivity = 4.74 S/m; Permittivity = 36.7

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 (100.0 mm x 80.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 2.61 W/kg; SAR (10 g) = 0.674 W/kg

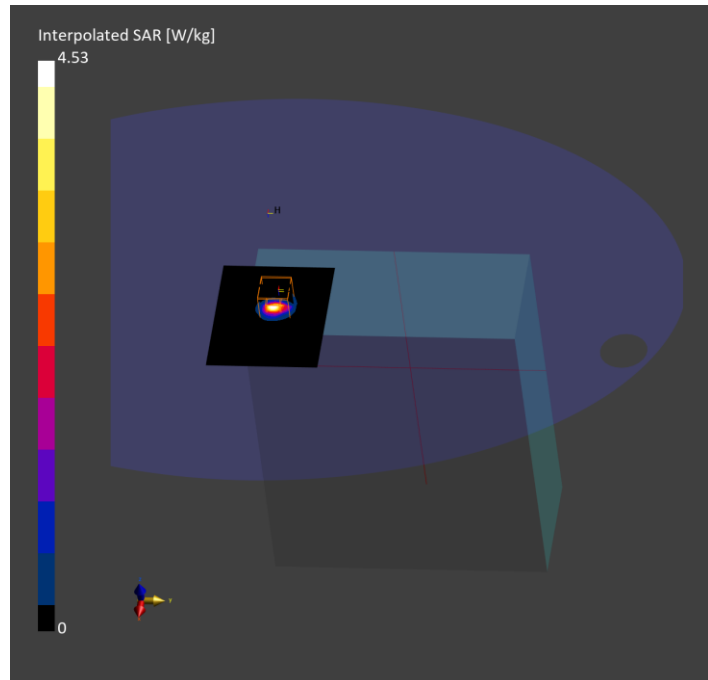
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.05 dB

SAR(1 g) = 3.07 W/kg; SAR(10 g) = 0.762 W/kg

Smallest distance from peaks to all points 3 dB below = 5.7

Ratio of SAR at M2 to SAR at M1 = 62.1



Test Laboratory: DEKRA

Date: 2026-06-01

40_WLAN5GHz_802.11ac80-VHT0_CH106_Right-side_0mm_Ant 2

Communication System: UID 10544-AAD, WLAN; Frequency: 5530.000 MHz

Medium parameters used: $f = 5530.000$ MHz; Conductivity = 5.07 S/m; Permittivity = 36.0

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 (80.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 2.77 W/kg; SAR (10 g) = 0.763 W/kg

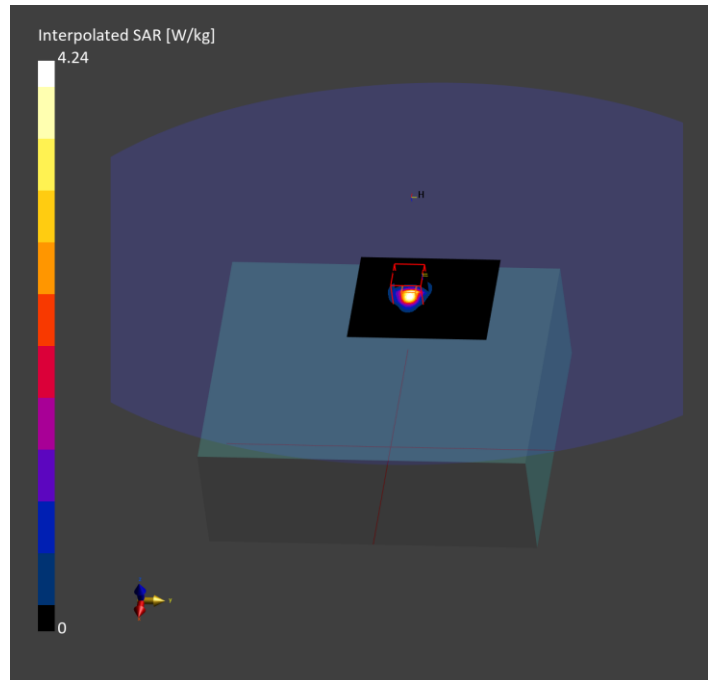
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR(1 g) = 3.46 W/kg; SAR(10 g) = 0.863 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4

Ratio of SAR at M2 to SAR at M1 = 58.3



Test Laboratory: DEKRA

Date: 2026-06-01

43_WLAN5GHz_802.11ac80-VHT0_CH155_Right-side_0mm_Ant 2

Communication System: UID 10544-AAD, WLAN; Frequency: 5775.000 MHz

Medium parameters used: $f = 5775.000$ MHz; Conductivity = 5.39 S/m; Permittivity = 35.3

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 (80.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 2.69 W/kg; SAR (10 g) = 0.756 W/kg

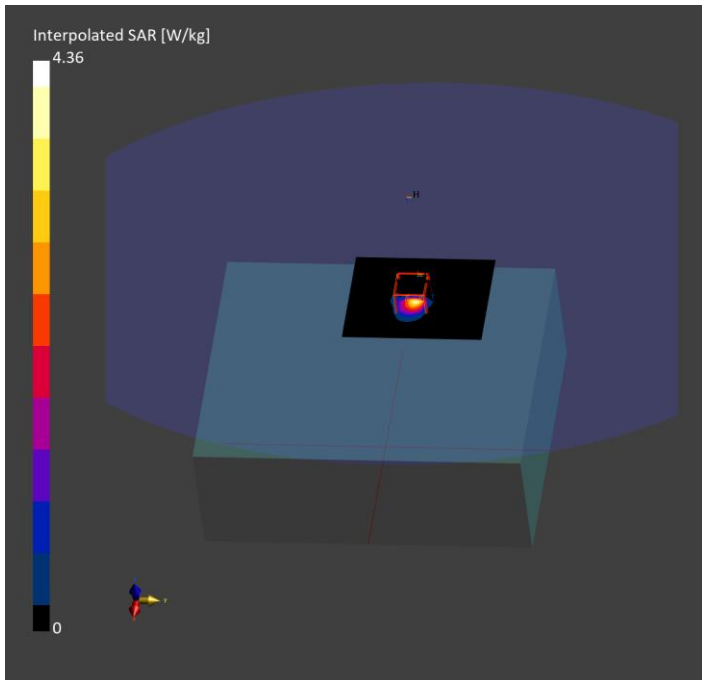
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.03 dB

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 0.804 W/kg

Smallest distance from peaks to all points 3 dB below = 4.7

Ratio of SAR at M2 to SAR at M1 = 58.0



Test Laboratory: DEKRA

Date: 2026-06-02

55_WLAN6GHz_802.11ax160-HE0_CH15_Right-side_0mm_Ant 2

Communication System: UID 10755-AAC, WLAN; Frequency: 6025.000 MHz

Medium parameters used: $f = 6025.000$ MHz; Conductivity = 5.36 S/m; Permittivity = 36.3

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.86, 5.07, 4.9); 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 (85.0 mm x 102.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 1.19 W/kg; SAR (10 g) = 0.320 W/kg

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 3.4 mm x 3.4 mm x 1.4 mm

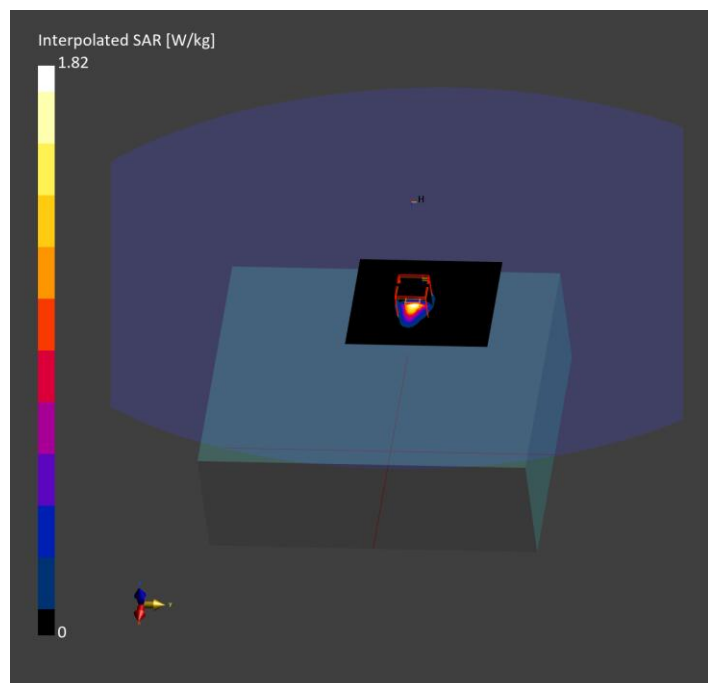
Power Drift = 0.06 dB

SAR(1 g) = 1.35 W/kg; SAR(10 g) = 0.332 W/kg

psAPD (4.0cm², sq) = 7.84 W/m²

Smallest distance from peaks to all points 3 dB below = 5.5

Ratio of SAR at M2 to SAR at M1 = 52.7



7_WLAN6GHz_802.11ax160-HE0_CH175_Back_2mm_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
T097	235.0 x 195.0 x 85.0		Barcode printer scanner

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	BACK, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

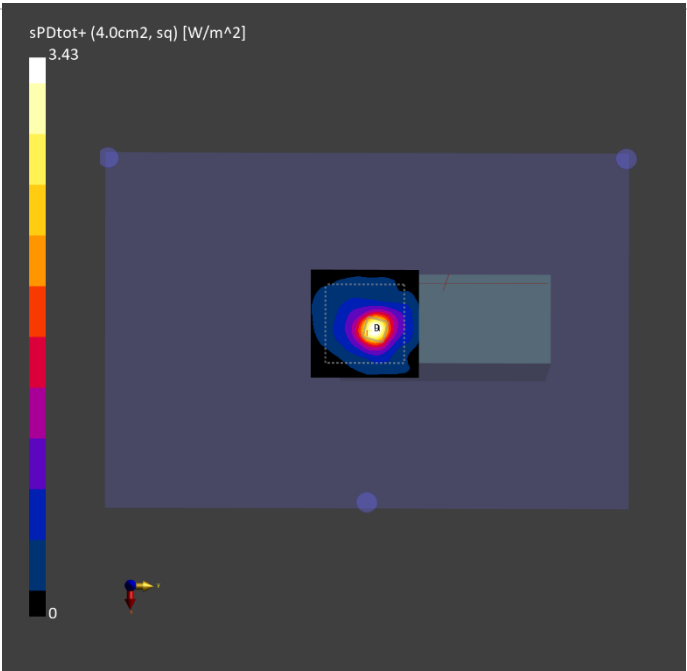
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1068	---Air	EUmmWV4 - SN9546_F1-55GHz, 2026-04-23	DAE4 Sn1651, 2026-02-16

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

	5G Scan
Date	2026-06-04
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.09
psPDtot+ [W/m²]	3.43
psPDmod+ [W/m²]	3.75
E _{max} [V/m]	49.9
Power Drift [dB]	-0.16



SAR measurement variability

Test Laboratory: DEKRA

Date: 2026-05-28

86_WLAN2.4GHz_802.11b-1M_CH1_Right-side_5mm_Ant 2_Verify

Communication System: UID 10415-AAA, WLAN; Frequency: 2412.000 MHz

Medium parameters used: $f = 2412.000$ MHz; Conductivity = 1.78 S/m; Permittivity = 40.5

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 (80.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.974 W/kg; SAR (10 g) = 0.434 W/kg

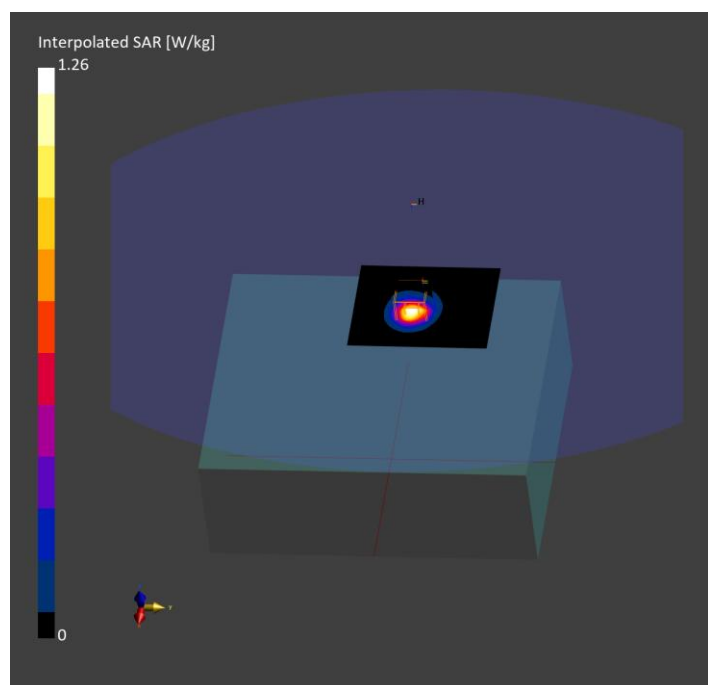
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.04 dB

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.448 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 78.4



Test Laboratory: DEKRA

Date: 2026-06-01

87_WLAN5GHz_802.11ac80-VHT0_CH58_Right-side_5mm_Ant 2_Verify

Communication System: UID 10544-AAD, WLAN; Frequency: 5290.000 MHz

Medium parameters used: $f = 5290.000$ MHz; Conductivity = 4.74 S/m; Permittivity = 36.7

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 (100.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.926 W/kg; SAR (10 g) = 0.313 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 = 0.12 dB

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.338 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6

Ratio of SAR at M2 to SAR at M1 = 59.2

