
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025-05-16

8_WLAN2.4GHz_802.11b-1M_CH11_Top_0mm_Ant Aux

Communication System: UID 10415-AAA, WLAN; Frequency: 2462.000 MHz

Medium parameters used: $f = 2462.000$ MHz; Conductivity = 1.85 S/m; Permittivity = 40.2

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(6.64, 6.8, 6.74); 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 (60.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.937 W/kg; SAR (10 g) = 0.435 W/kg

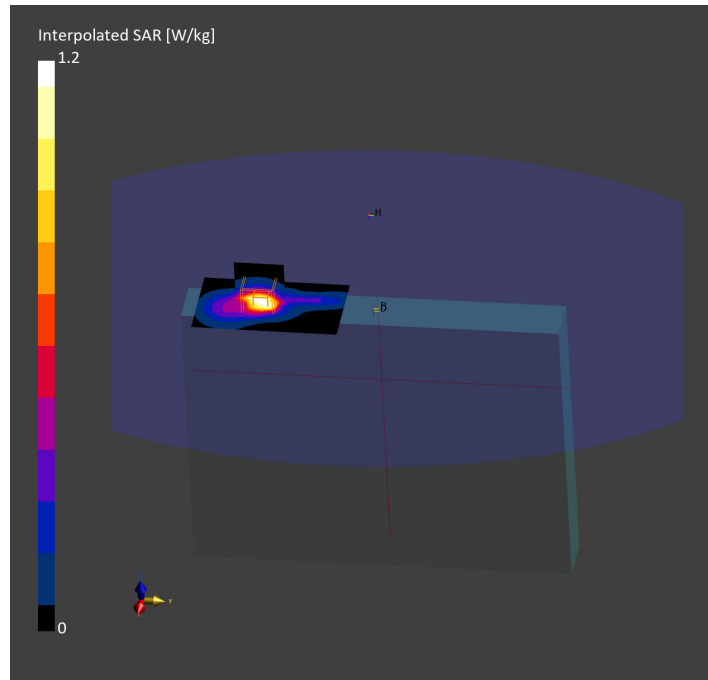
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.02 dB

SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.471 W/kg

Smallest distance from peaks to all points 3 dB below = 5.3

Ratio of SAR at M2 to SAR at M1 = 81.1



Test Laboratory: DEKRA

Date: 2025-05-16

9_Bluetooth_BT-1M_CH39_Top_0mm_Ant Aux

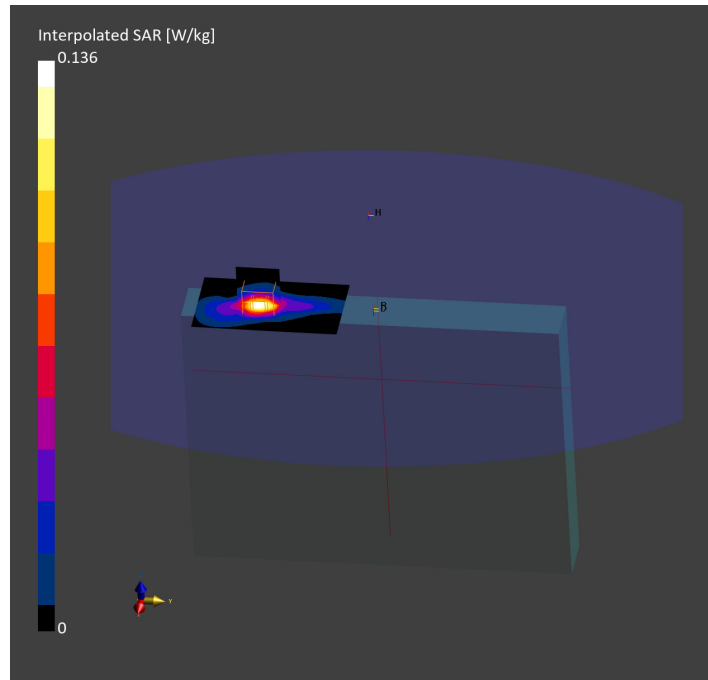
Communication System: UID 10032-CAA, Bluetooth; Frequency: 2441.000 MHz
Medium parameters used: $f = 2441.000$ MHz; Conductivity = 1.82 S/m; Permittivity = 40.3
Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(6.64, 6.8, 6.74); 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 (60.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm
SAR (1 g) = 0.102 W/kg; SAR (10 g) = 0.045 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) = 0.109 W/kg; SAR(10 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1
Ratio of SAR at M2 to SAR at M1 = 76.1



Test Laboratory: DEKRA

Date: 2025-05-13

10_WLAN5GHz_802.11ac80-VHT0_CH58_Top_0mm_Ant Main

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

Medium parameters used: $f = 5290.000$ MHz; Conductivity = 4.81 S/m; Permittivity = 36.3

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(5.33, 5.46, 5.41); 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 (70.0 mm x 120.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.457 W/kg; SAR (10 g) = 0.149 W/kg

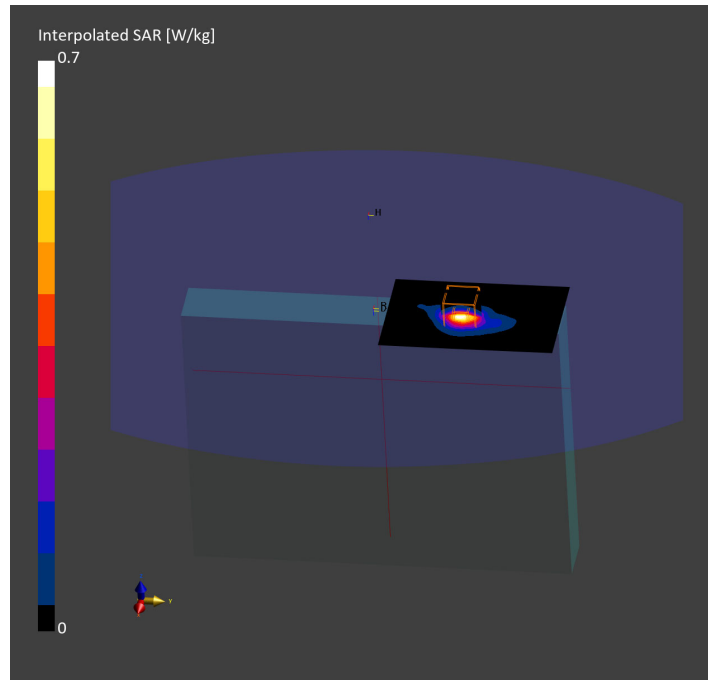
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.03 dB

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.158 W/kg

Smallest distance from peaks to all points 3 dB below = 6.9

Ratio of SAR at M2 to SAR at M1 = 64.6



Test Laboratory: DEKRA

Date: 2025-05-13

15_WLAN5GHz_802.11ac80-VHT0_CH138_Top_0mm_Ant Main

Communication System: UID 10544-AAD, WLAN; Frequency: 5690.000 MHz

Medium parameters used: $f = 5690.000$ MHz; Conductivity = 5.34 S/m; Permittivity = 35.2

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.88, 5.0, 4.96); 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 (60.0 mm x 90.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.788 W/kg; SAR (10 g) = 0.254 W/kg

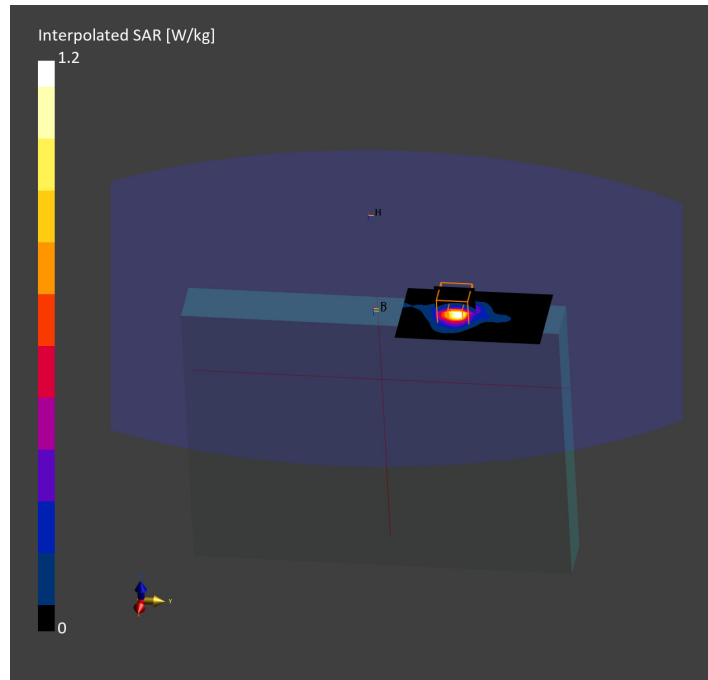
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.10 dB

SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.274 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5

Ratio of SAR at M2 to SAR at M1 = 61.2



Test Laboratory: DEKRA

Date: 2025-05-13

3_WLAN5GHz_802.11ac80-VHT0_CH155_Top_0mm_Ant Main

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

Medium parameters used: $f = 5775.000$ MHz; Conductivity = 5.45 S/m; Permittivity = 35.0

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.9, 5.01, 4.97); 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 (60.0 mm x 80.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.846 W/kg; SAR (10 g) = 0.271 W/kg

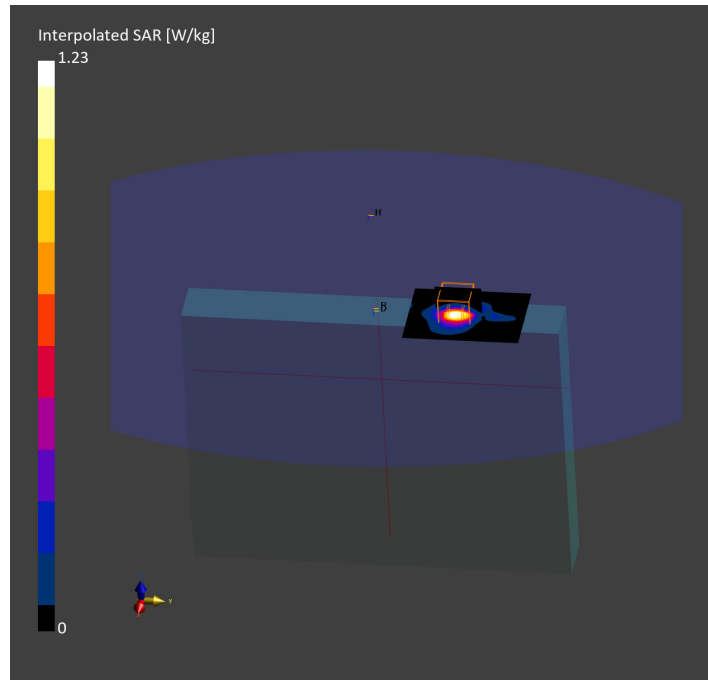
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.13 dB

SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.292 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5

Ratio of SAR at M2 to SAR at M1 = 60.6



Test Laboratory: DEKRA

Date: 2025-05-14

18_WLAN6GHz_802.11ax160-HE0_CH15_Top_0mm_Ant Main

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

Medium parameters used: $f = 6025.000$ MHz; Conductivity = 5.56 S/m; Permittivity = 35.5

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.93, 5.05, 5.0); 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 (68.0 mm x 85.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.959 W/kg; SAR (10 g) = 0.296 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

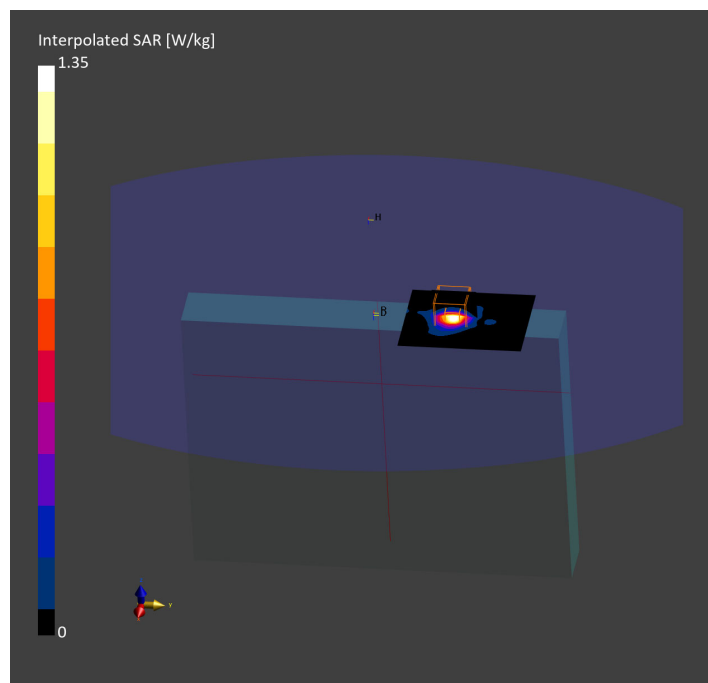
Power Drift = -0.18 dB

SAR(1 g) = 1.10 W/kg; SAR(10 g) = 0.317 W/kg

psAPD (4.0cm², sq) = 7.36 W/m²

Smallest distance from peaks to all points 3 dB below = 6.2

Ratio of SAR at M2 to SAR at M1 = 57.3



1_WLAN6GHz_802.11ax160-HE0_CH15_Top_0mm_Ant Main

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
ONYX-MD102N	198.0 x 260.0 x 13.0		Tablet

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	EDGE TOP, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

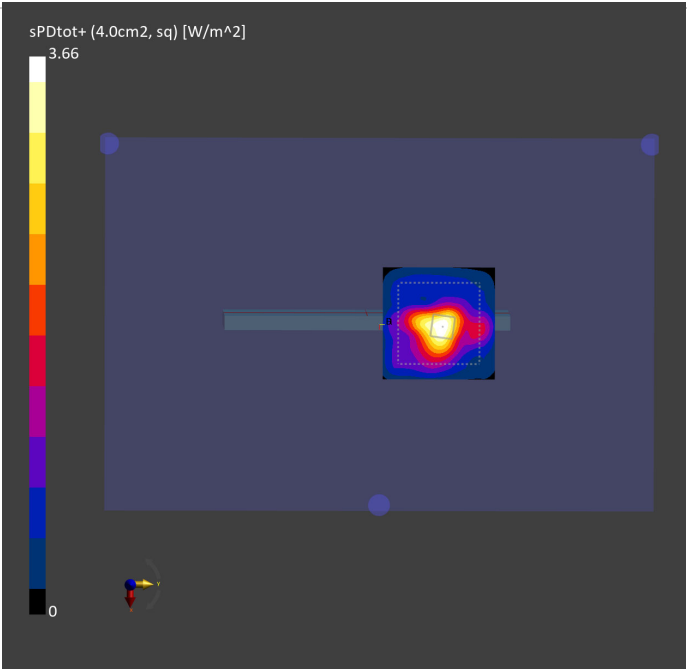
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1068	---Air	EUmmWV4 - SN9546_F1-55GHz, 2025-04-16	DAE4 Sn1651, 2025-02-12

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	2025-05-15
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.16
psPDtot+ [W/m²]	3.66
psPDmod+ [W/m²]	4.71
E _{max} [V/m]	61.1
Power Drift [dB]	0.05



SAR Measurement Variability

Test Laboratory: DEKRA

Date: 2025-05-16

16_WLAN2.4GHz_802.11b-1M_CH11_Top_0mm_Ant Aux_Verify

Communication System: UID 10415-AAA, WLAN; Frequency: 2462.000 MHz

Medium parameters used: $f = 2462.000$ MHz; Conductivity = 1.85 S/m; Permittivity = 40.2

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(6.64, 6.8, 6.74); 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 (60.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.986 W/kg; SAR (10 g) = 0.450 W/kg

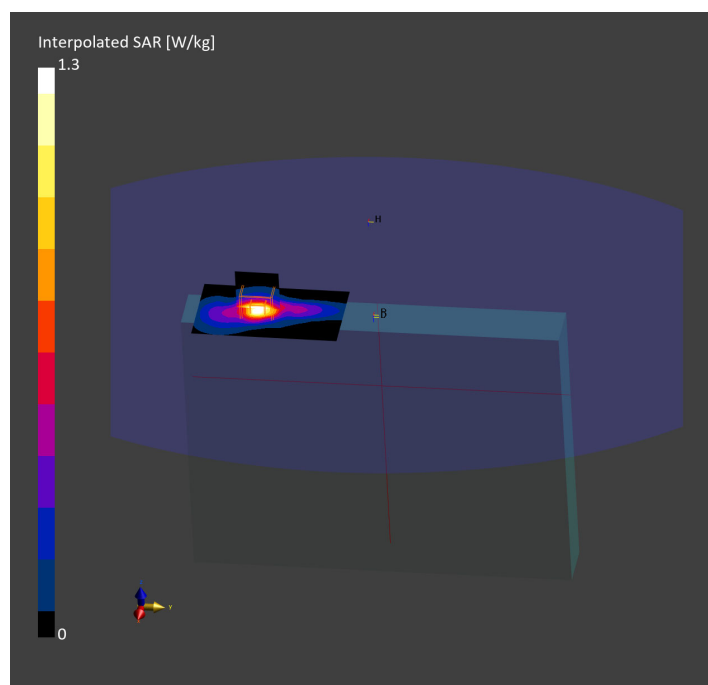
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.473 W/kg

Smallest distance from peaks to all points 3 dB below = 7.1

Ratio of SAR at M2 to SAR at M1 = 77.4



Test Laboratory: DEKRA

Date: 2025-05-13

17_WLAN5GHz_802.11ac80-VHT0_CH155_Top_0mm_Ant Main_Verify

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

Medium parameters used: $f = 5775.000$ MHz; Conductivity = 5.45 S/m; Permittivity = 35.0

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.9, 5.01, 4.97); 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 (60.0 mm x 80.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.813 W/kg; SAR (10 g) = 0.262 W/kg

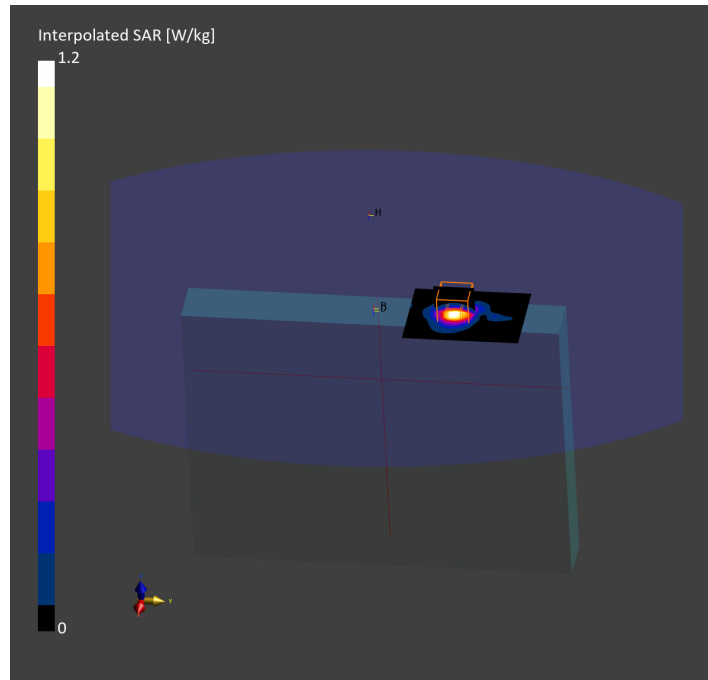
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.12 dB

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.282 W/kg

Smallest distance from peaks to all points 3 dB below = 6.5

Ratio of SAR at M2 to SAR at M1 = 60.6



Test Laboratory: DEKRA

Date: 2025-05-14

24_WLAN6GHz_802.11ax160-HE0_CH15_Top_0mm_Ant Main_Verify

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

Medium parameters used: $f = 6025.000$ MHz; Conductivity = 5.56 S/m; Permittivity = 35.5

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7784; ConvF(4.93, 5.05, 5.0); 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 (68.0 mm x 85.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.934 W/kg; SAR (10 g) = 0.282 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) = 1.02 W/kg; SAR(10 g) = 0.288 W/kg

psAPD (4.0cm², sq) = 6.70 W/m²

Smallest distance from peaks to all points 3 dB below = 6.2

Ratio of SAR at M2 to SAR at M1 = 57.2

