
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025-06-05

28_WLAN2.4G_802.11b-1M_CH6_Bottom of laptop_0mm_Ant Aux_INNOWAVE

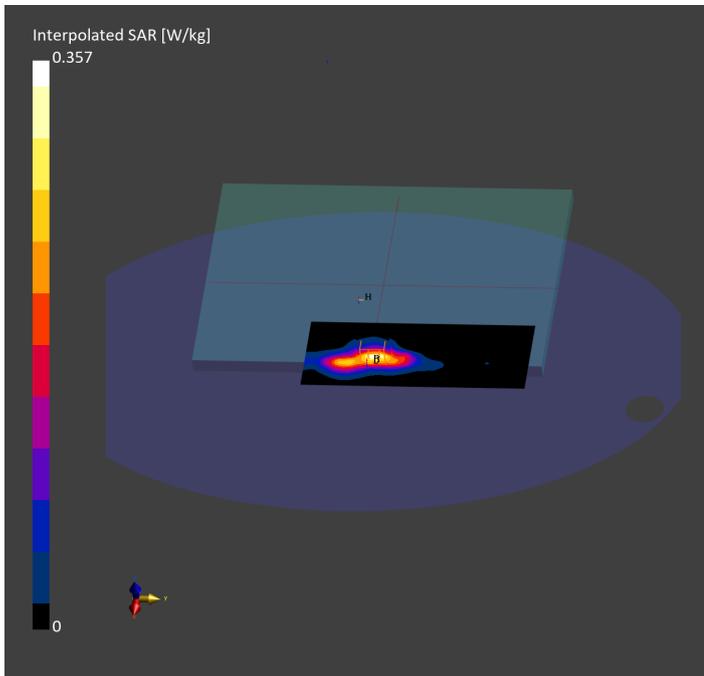
Communication System: UID 10415-AAA, WLAN; Frequency: 2437.000 MHz
Medium parameters used: $f = 2437.000$ MHz; Conductivity = 1.78 S/m; Permittivity = 40.0
Phantom section: Flat

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 (70.0 mm x 190.0 mm): Measurement grid: 10.0 mm x 10.0 mm
SAR (1 g) = 0.273 W/kg; SAR (10 g) = 0.135 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 = -0.05 dB
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.147 W/kg
Smallest distance from peaks to all points 3 dB below = 11.1
Ratio of SAR at M2 to SAR at M1 = 83.2



Test Laboratory: DEKRA

Date: 2025-06-05

15_Bluetooth_BT-1M_CH39_Bottom of laptop_0mm_Ant Aux_INNOWAVE

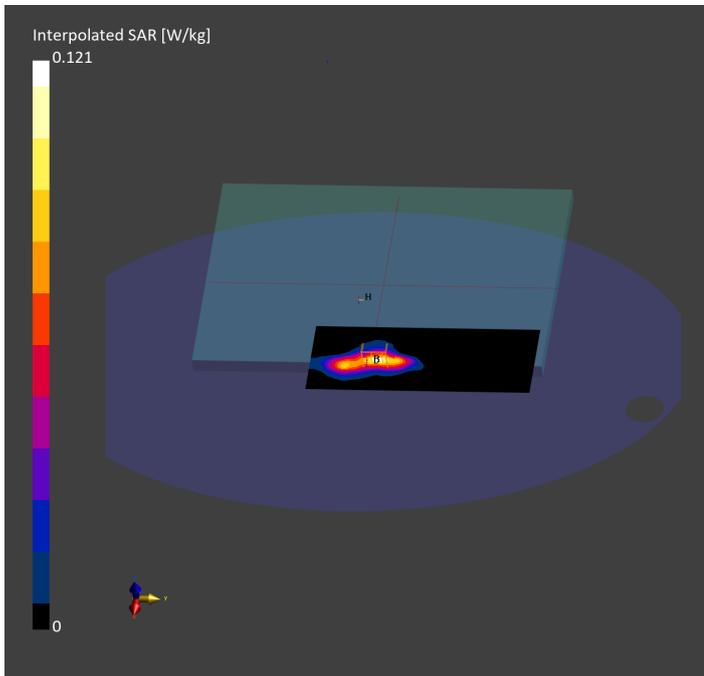
Communication System: UID 10032-CAA, Bluetooth; Frequency: 2441.000 MHz
Medium parameters used: $f = 2441.000$ MHz; Conductivity = 1.79 S/m; Permittivity = 40.0
Phantom section: Flat

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 (70.0 mm x 190.0 mm): Measurement grid: 10.0 mm x 10.0 mm
SAR (1 g) = 0.091 W/kg; SAR (10 g) = 0.044 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 = 0.14 dB
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.042 W/kg
Smallest distance from peaks to all points 3 dB below = 9.3
Ratio of SAR at M2 to SAR at M1 = 80.8



Test Laboratory: DEKRA

Date: 2025-06-04

18_WLAN5G_802.11ac80-VHT0_CH58_Bottom of laptop_0mm_Ant Aux_INNOWAVE

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

Medium parameters used: $f = 5290.000$ MHz; Conductivity = 4.73 S/m; Permittivity = 35.9

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 190.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.316 W/kg; SAR (10 g) = 0.120 W/kg

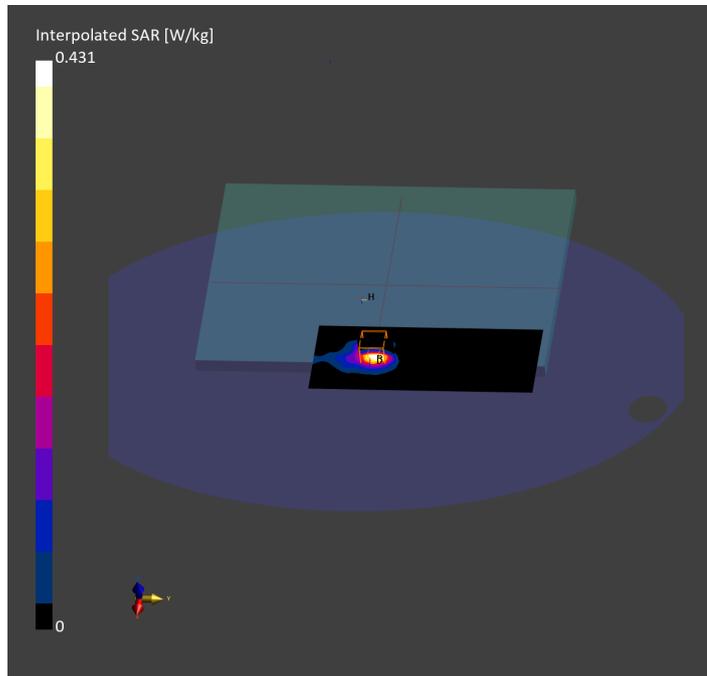
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = -0.07 dB

SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.126 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.7



Test Laboratory: DEKRA

Date: 2025-06-04

19_WLAN5G_802.11ac80-VHT0_CH106_Bottom of laptop_0mm_Ant Main_INNOWAVE

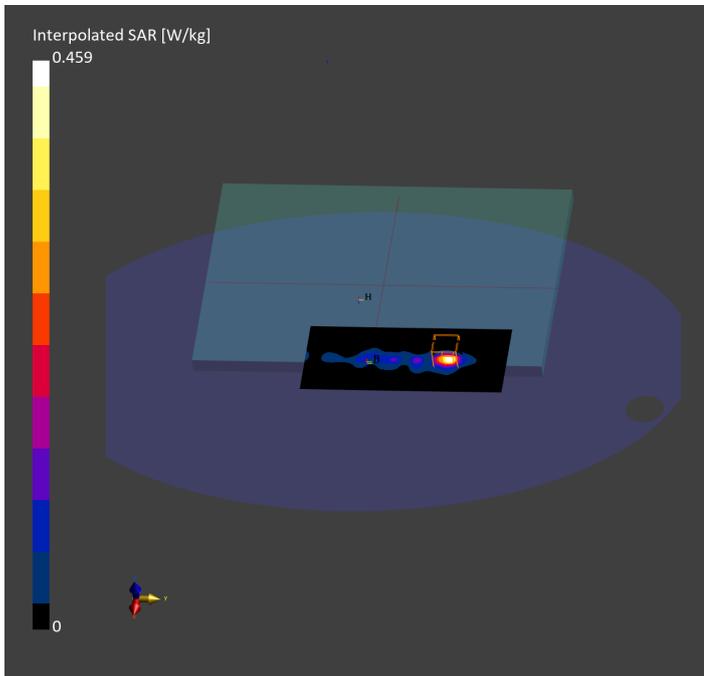
Communication System: UID 10544-AAD, WLAN; Frequency: 5530.000 MHz
Medium parameters used: $f = 5530.000$ MHz; Conductivity = 5.06 S/m; Permittivity = 35.2
Phantom section: Flat

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 (70.0 mm x 180.0 mm): Measurement grid: 10.0 mm x 10.0 mm
SAR (1 g) = 0.311 W/kg; SAR (10 g) = 0.095 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 = -0.08 dB
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.103 W/kg
Smallest distance from peaks to all points 3 dB below = 6.5
Ratio of SAR at M2 to SAR at M1 = 60.0



Test Laboratory: DEKRA

Date: 2025-06-04

22_WLAN5G_802.11ac80-VHT0_CH155_Bottom of laptop_0mm_Ant Aux_INNOWAVE

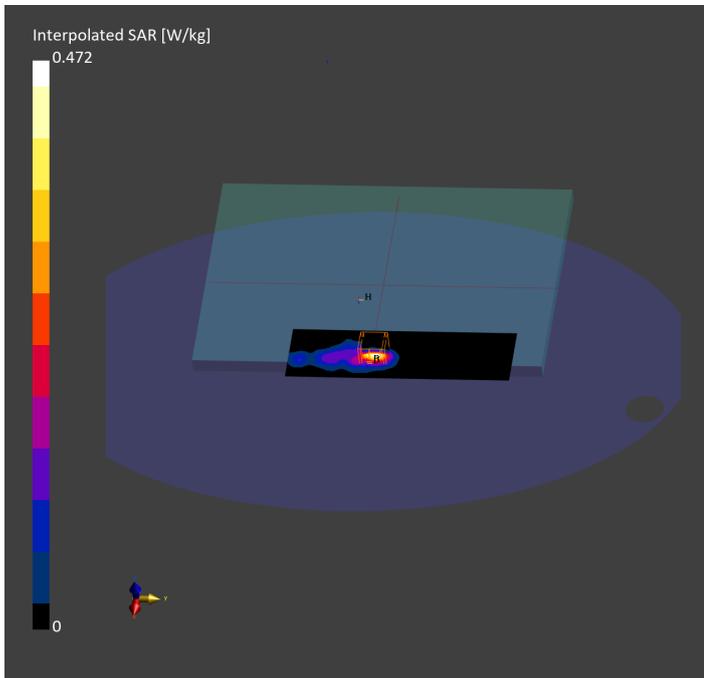
Communication System: UID 10544-AAD, WLAN; Frequency: 5775.000 MHz
Medium parameters used: $f = 5775.000$ MHz; Conductivity = 5.38 S/m; Permittivity = 34.5
Phantom section: Flat

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 190.0 mm): Measurement grid: 10.0 mm x 10.0 mm
SAR (1 g) = 0.321 W/kg; SAR (10 g) = 0.106 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) = 0.345 W/kg; SAR(10 g) = 0.114 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2
Ratio of SAR at M2 to SAR at M1 = 62.3



Test Laboratory: DEKRA

Date: 2025-06-09

58_WLAN6G_802.11ax160-HE0_CH207_Bottom of laptop_0mm_Ant Main_INNOWAVE

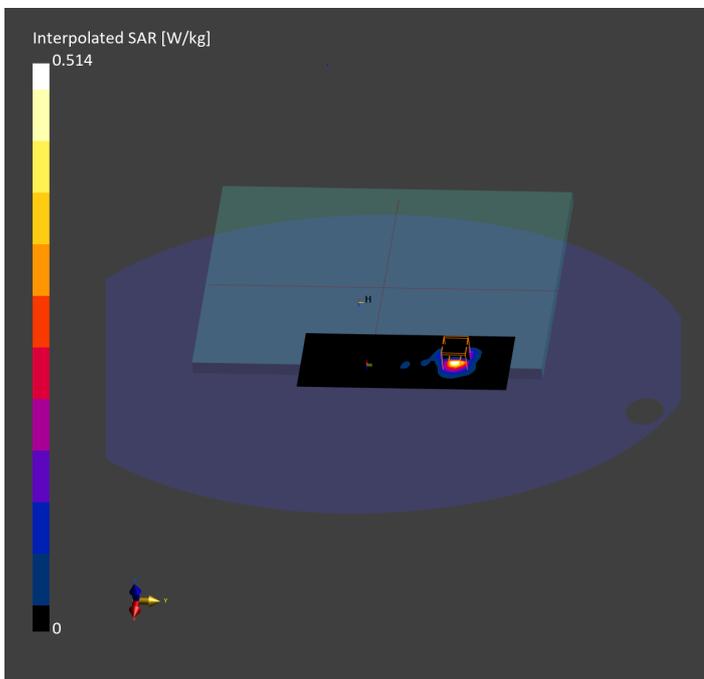
Communication System: UID 10755-AAC, WLAN; Frequency: 6985.000 MHz
Medium parameters used: $f = 6985.000$ MHz; Conductivity = 6.82 S/m; Permittivity = 33.2
Phantom section: Flat

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 187.0 mm): Measurement grid: 8.5 mm x 8.5 mm
SAR (1 g) = 0.381 W/kg; SAR (10 g) = 0.123 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 = 0.05 dB
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.114 W/kg
psAPD (4.0cm², sq) = 2.61 W/m²
Smallest distance from peaks to all points 3 dB below = 7.4
Ratio of SAR at M2 to SAR at M1 = 48.4



3_WLAN6GHz_802.11ax160-HE0_CH207_Bottom_2mm_Ant Main_INNOWAVE

Device under Test Properties

| Model, Manufacturer | Dimensions [mm] | IMEI | DUT Type |
|---------------------|----------------------|------|----------|
| PM3406CKA | 312.0 x 226.0 x 13.0 | | Laptop |

Exposure Conditions

| Phantom Section | Position, Test Distance [mm] | Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor |
|-----------------|------------------------------|---------|-----------------|---------------------------------|-------------------|
| 5G Air | FRONT, 2.00 | U-NII-8 | WLAN, 10755-AAC | 6985.0, 207 | 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 | 2025-06-10 |
| Avg. Area [cm ²] | 4.00 |
| psPDn+ [W/m ²] | 3.80 |
| psPDtot+ [W/m ²] | 4.09 |
| psPDmod+ [W/m ²] | 4.31 |
| E _{max} [V/m] | 54.3 |
| Power Drift [dB] | 0.09 |

