
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2025/06/11

35_WLAN2.4GHz_802.11b-1M_CH1_Bottom of laptop_0mm_ANT Aux_INNOWAVE**DUT: Notebook PC; Type: PM3606CKA**

Communication System: UID 0, WLAN 2.4G; Frequency: 2412 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 40.17$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.94, 7.57, 7.27) @ 2412 MHz; Calibrated: 2025/02/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2025/02/12
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.322 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.194 V/m; Power Drift = -0.16 dB

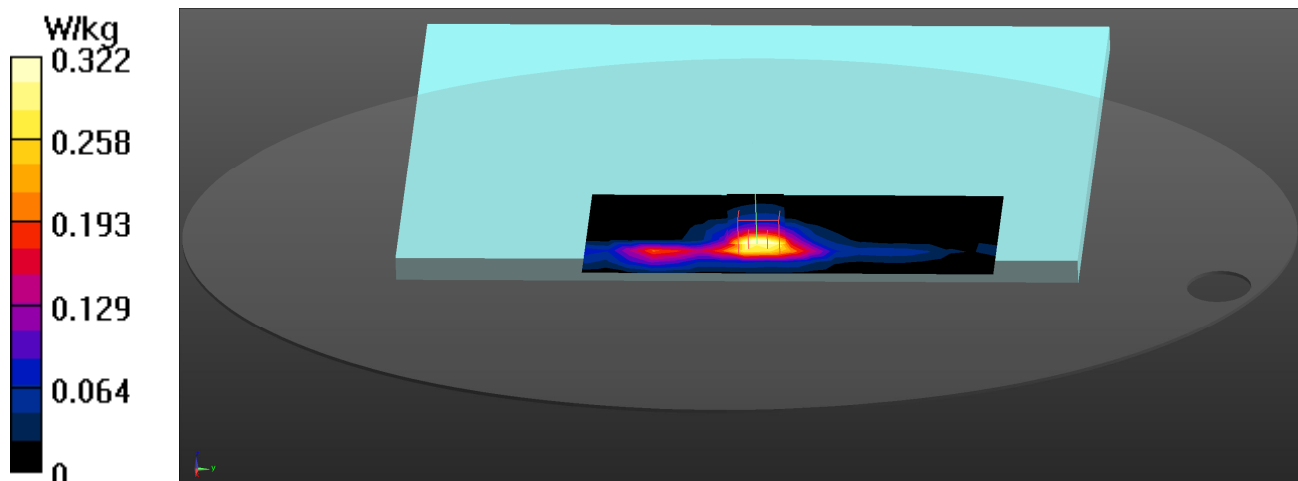
Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.130 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 0.407 W/kg



Test Laboratory: DEKRA

Date: 2025/06/11

31_Bluetooth_BT-1M_CH39_Bottom of laptop_0mm_ANT Aux_INNOWAVE**DUT: Notebook PC; Type: PM3606CKA**

Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2441 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.75$ S/m; $\epsilon_r = 40.06$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(7.94, 7.57, 7.27) @ 2441 MHz; Calibrated: 2025/02/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2025/02/12
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (9x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.101 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.773 V/m; Power Drift = 0.13 dB

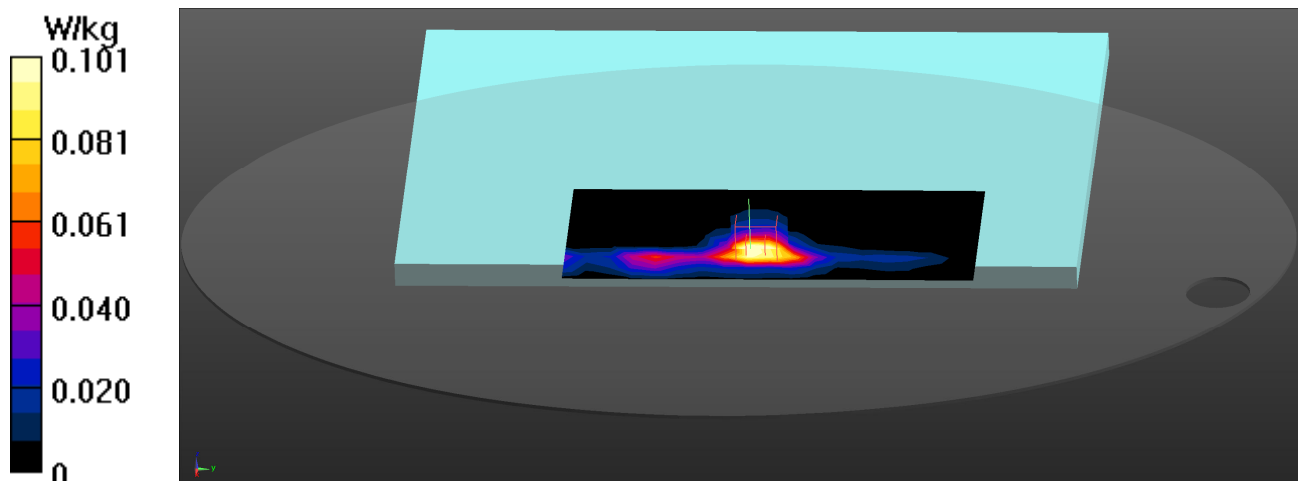
Peak SAR (extrapolated) = 0.157 W/kg

SAR(1 g) = 0.080 W/kg; SAR(10 g) = 0.040 W/kg

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.5%

Maximum value of SAR (measured) = 0.124 W/kg



Test Laboratory: DEKRA

Date: 2025/06/12

37_WLAN5GHz_802.11ac80-VHT0_CH58_Bottom of laptop_0mm_ANT Main_INNOWAVE**DUT: Notebook PC; Type: PM3606CKA**

Communication System: UID 0, WLAN 5G; Frequency: 5290 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.64$ S/m; $\epsilon_r = 35.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(6.04, 5.76, 5.54) @ 5290 MHz; Calibrated: 2025/02/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2025/02/12
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (9x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.15 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.167 V/m; Power Drift = -0.16 dB

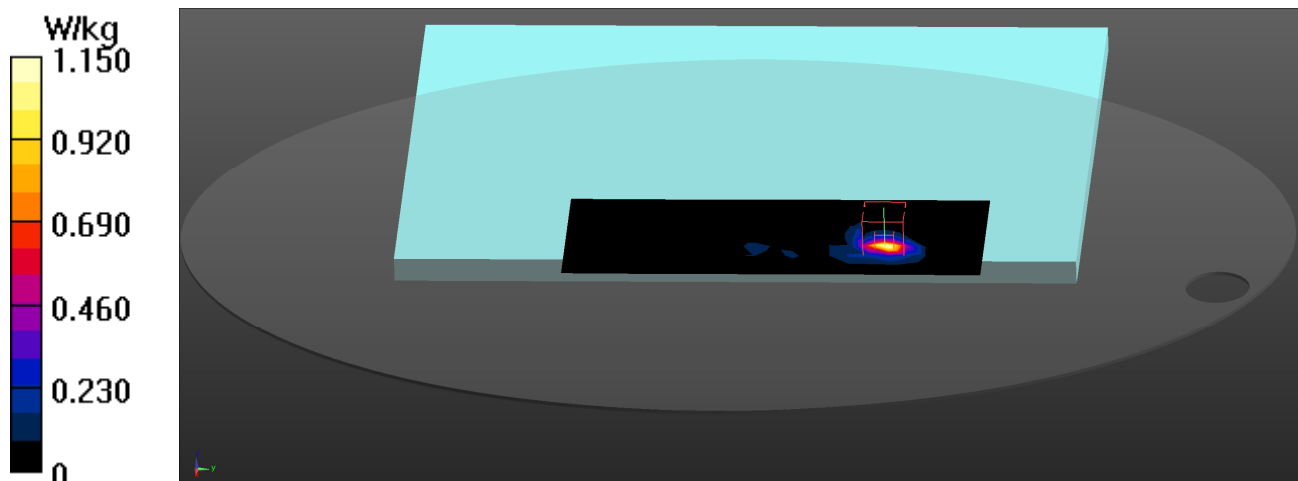
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.152 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 64.3%

Maximum value of SAR (measured) = 1.28 W/kg



Test Laboratory: DEKRA

Date: 2025/06/12

38_WLAN5GHz_802.11ac80-VHT0_CH106_Bottom of laptop_0mm_ANT Main_INNOWAVE**DUT: Notebook PC; Type: PM3606CKA**

Communication System: UID 0, WLAN 5G; Frequency: 5530 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5530$ MHz; $\sigma = 4.97$ S/m; $\epsilon_r = 34.74$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.68, 5.42, 5.21) @ 5530 MHz; Calibrated: 2025/02/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2025/02/12
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x23x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.850 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.58 V/m; Power Drift = -0.17 dB

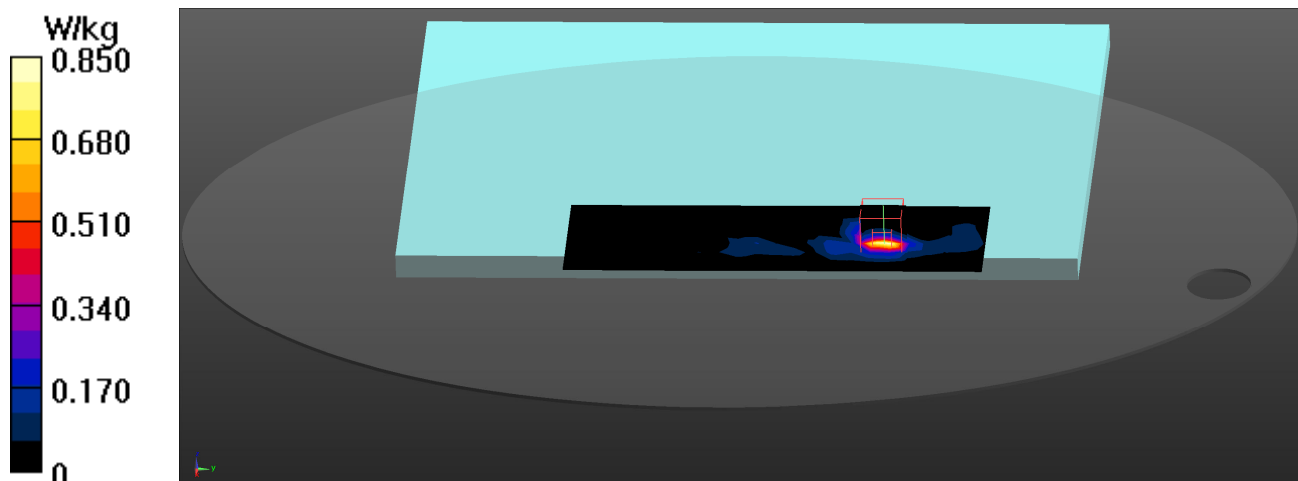
Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.115 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 61.3%

Maximum value of SAR (measured) = 0.944 W/kg



Test Laboratory: DEKRA

Date: 2025/06/12

43_WLAN5GHz_802.11ac80-VHT0_CH155_Bottom of laptop_0mm_ANT Aux_INNOWAVE**DUT: Notebook PC; Type: PM3606CKA**

Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.29$ S/m; $\epsilon_r = 34.07$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.54, 5.29, 5.08) @ 5775 MHz; Calibrated: 2025/02/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2025/02/12
- Phantom: ELI V8.0; Type: QD OVA 004 AA; Serial: 2139
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x26x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.677 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.90 V/m; Power Drift = -0.15 dB

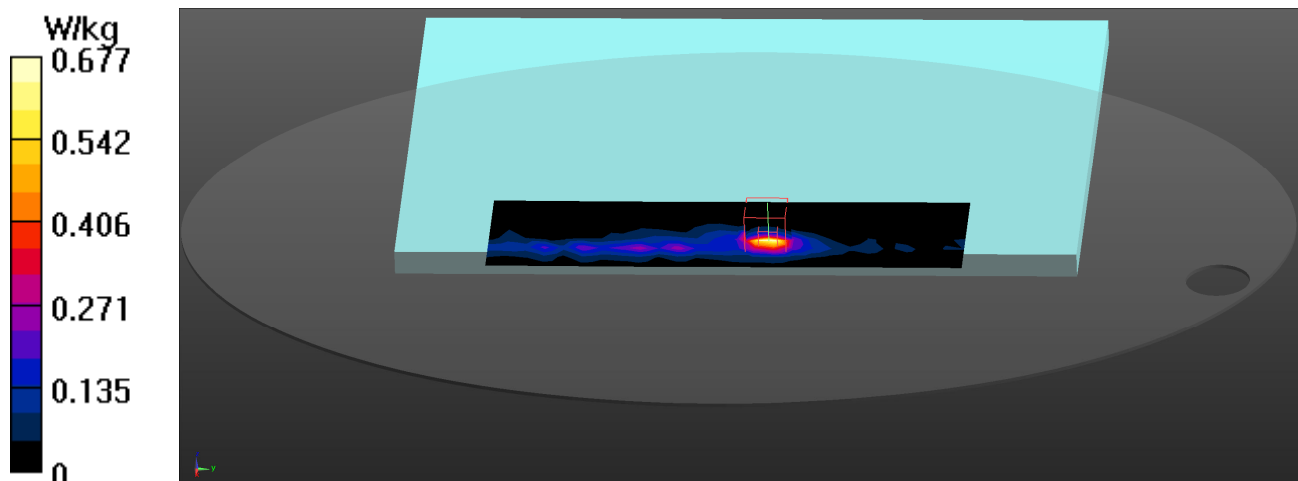
Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.092 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 0.797 W/kg



Test Laboratory: DEKRA

Date: 2025-06-11

68_WLAN6GHz_802.11ax160-HE0_CH47_Bottom of laptop_0mm_ANT Aux_INNOWAVE

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

Medium parameters used: $f = 6185.000$ MHz; Conductivity = 5.63 S/m; Permittivity = 35.9

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.78, 5.51, 5.3); Calibrated: 2025-02-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1651; Calibrated: 2025-02-12
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (85.0 mm x 204.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.318 W/kg; SAR (10 g) = 0.099 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

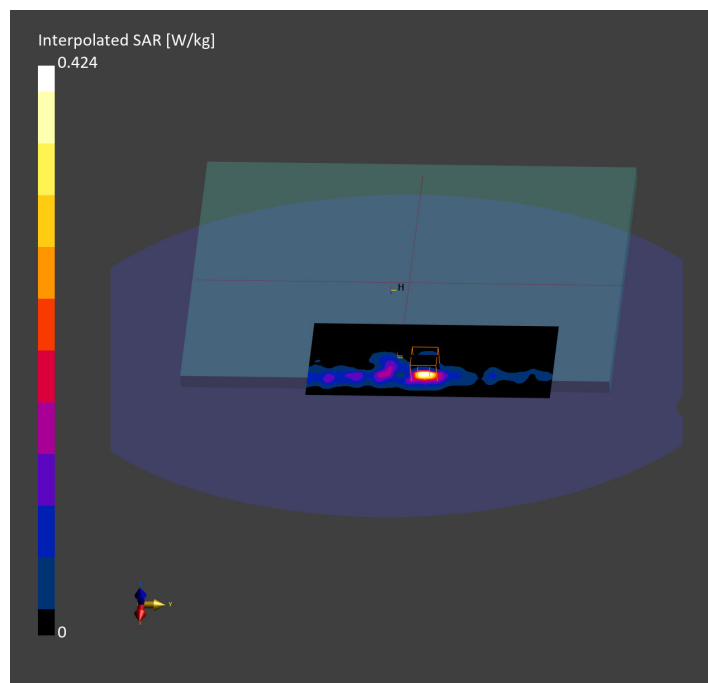
Power Drift = 0.03 dB

SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.104 W/kg

psAPD (4.0cm², sq) = 2.39 W/m²

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

Ratio of SAR at M2 to SAR at M1 = 55.7



1_WLAN6GHz_802.11ax160-HE0_CH47_Bottom of laptop_2mm_Ant Aux_INNOWAVE

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
PM3606CKA	358.0 x 254.0 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-5	WLAN, 10755-AAC	6185.0, 47	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	2025-06-13
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.19
psPDtot+ [W/m²]	3.39
psPDmod+ [W/m²]	3.90
E _{max} [V/m]	52.7
Power Drift [dB]	0.01

