
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2026/04/22

20_WLAN2.4GHz_802.11b-1M_CH11_Bottom of laptop_0mm_ANT Main_INNOWAVE**DUT: Notebook PC; Type: P5406CCA**

Communication System: UID 0, WLAN 2.4G; Frequency: 2462 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 40.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.64, 6.51, 6.41) @ 2462 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.18 W/kg

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

Reference Value = 29.59 V/m; Power Drift = -0.07 dB

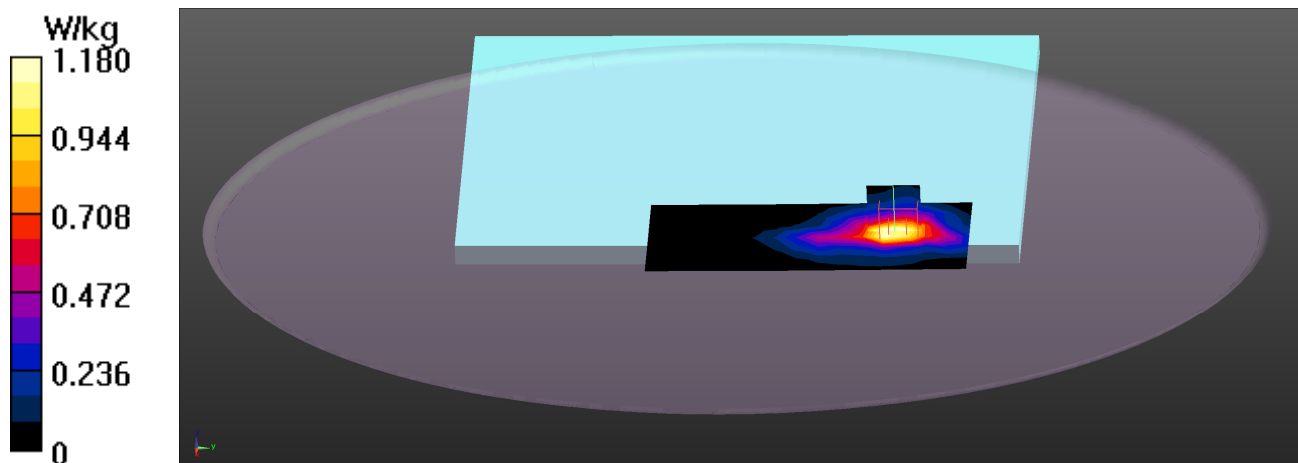
Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.532 W/kg

Smallest distance from peaks to all points 3 dB below = 12.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.5%

Maximum value of SAR (measured) = 1.39 W/kg



Test Laboratory: DEKRA

Date: 2026/04/22

25_Bluetooth_BT-1M_CH39_Bottom of laptop_0mm_ANT Aux_INNOWAVE**DUT: Notebook PC; Type: P5406CCA**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.64, 6.51, 6.41) @ 2441 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (7x23x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.107 W/kg

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

Reference Value = 6.260 V/m; Power Drift = -0.08 dB

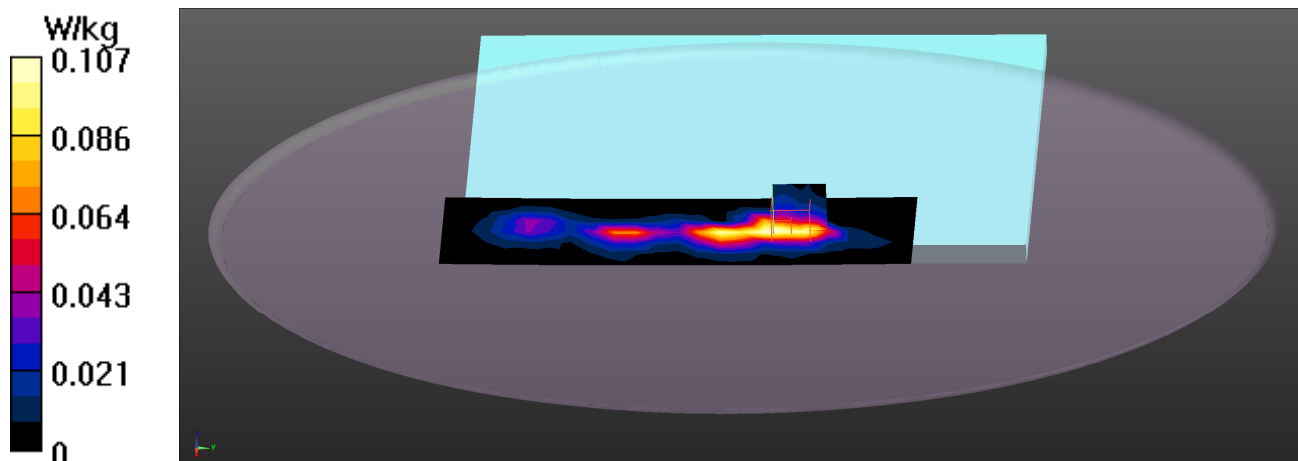
Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.037 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 56%

Maximum value of SAR (measured) = 0.118 W/kg



Test Laboratory: DEKRA

Date: 2026/04/23

26_WLAN5GHz_802.11ac80-VHT0_CH58_Bottom of laptop_0mm_ANT Main_INNOWAVE**DUT: Notebook PC; Type: P5406CCA**

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; $\epsilon_r = 36.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(5.11, 5, 4.93) @ 5290 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.55 W/kg

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

Reference Value = 19.11 V/m; Power Drift = 0.05 dB

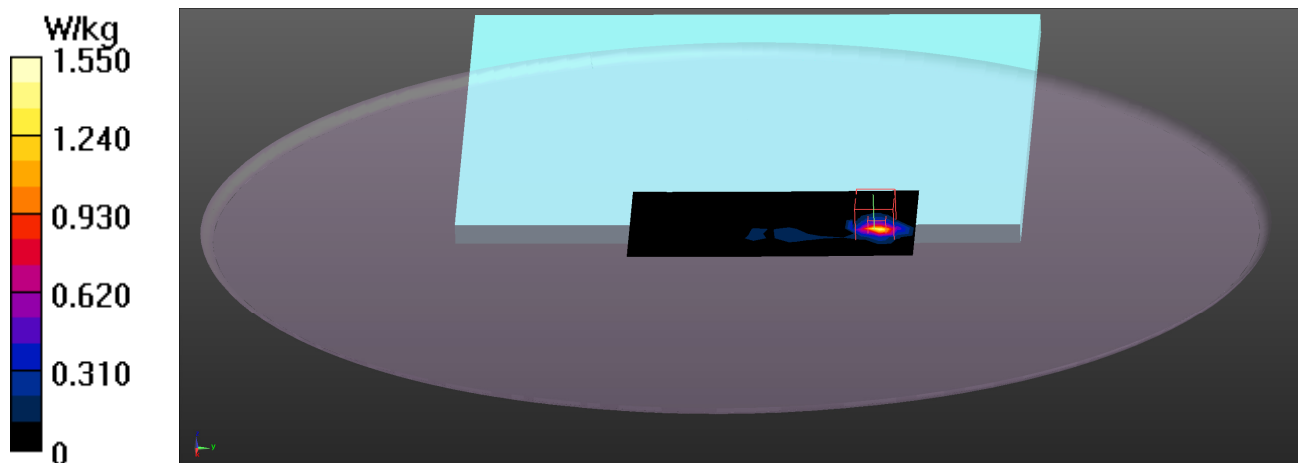
Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.169 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 69.1%

Maximum value of SAR (measured) = 1.52 W/kg



Test Laboratory: DEKRA

Date: 2026/04/24

27_WLAN5GHz_802.11ac80-VHT0_CH106_Bottom of laptop_0mm_ANT Main_INNOWAVE**DUT: Notebook PC; Type: P5406CCA**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 5530$ MHz; $\sigma = 4.96$ S/m; $\epsilon_r = 35.52$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.73, 4.63, 4.57) @ 5530 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.69 W/kg

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

Reference Value = 18.41 V/m; Power Drift = -0.04 dB

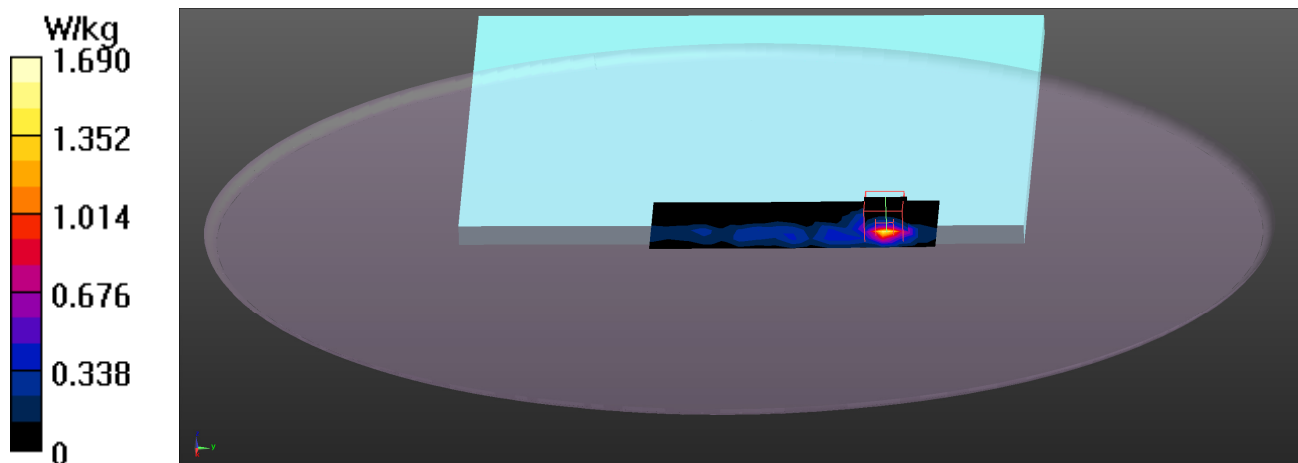
Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.234 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 66.7%

Maximum value of SAR (measured) = 1.77 W/kg



Test Laboratory: DEKRA

Date: 2026/04/23

31_WLAN5GHz_802.11ac80-VHT0_CH171_Bottom of laptop_0mm_ANT Main_INNOWAVE**DUT: Notebook PC; Type: P5406CCA**

Communication System: UID 0, WLAN 5G; Frequency: 5855 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 5855$ MHz; $\sigma = 5.39$ S/m; $\epsilon_r = 34.63$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.68, 4.58, 4.51) @ 5855 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.23 W/kg

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

Reference Value = 17.70 V/m; Power Drift = -0.07 dB

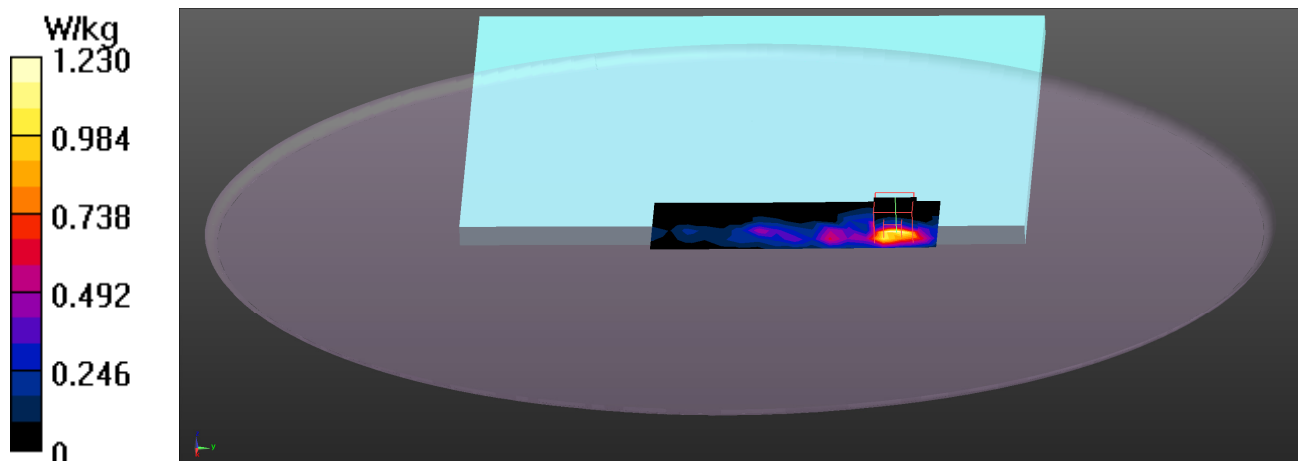
Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.220 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 62.8%

Maximum value of SAR (measured) = 1.57 W/kg



Test Laboratory: DEKRA

Date: 2026-04-01

7_WLAN6GHz_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 = 6.73 S/m; Permittivity = 32.6

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(5.84, 5.41, 5.26); Calibrated: 2026-02-20
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1651; Calibrated: 2026-02-16
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.4.0.5005

Area Scan (51.0 mm x 153.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.564 W/kg; SAR (10 g) = 0.182 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

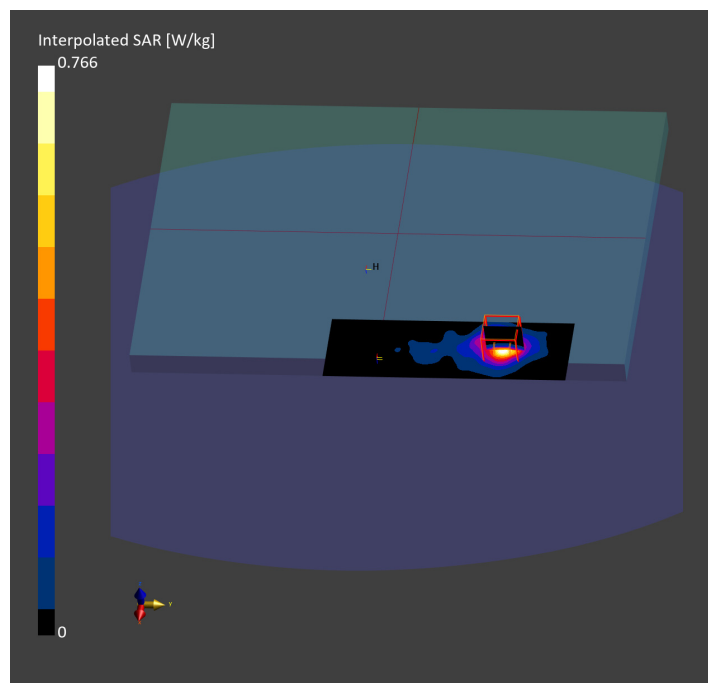
Power Drift = -0.10 dB

SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.183 W/kg

psAPD (4.0cm², sq) = 4.16 W/m²

Smallest distance from peaks to all points 3 dB below = 6.8

Ratio of SAR at M2 to SAR at M1 = 49.1



3_WLAN6GHz_802.11ax160-HE0_CH47_Bottom of laptop_2mm_Ant Aux_INNOWAVE

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P5406CCA	314.0 x 226.0 x 15.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	BACK, 2.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

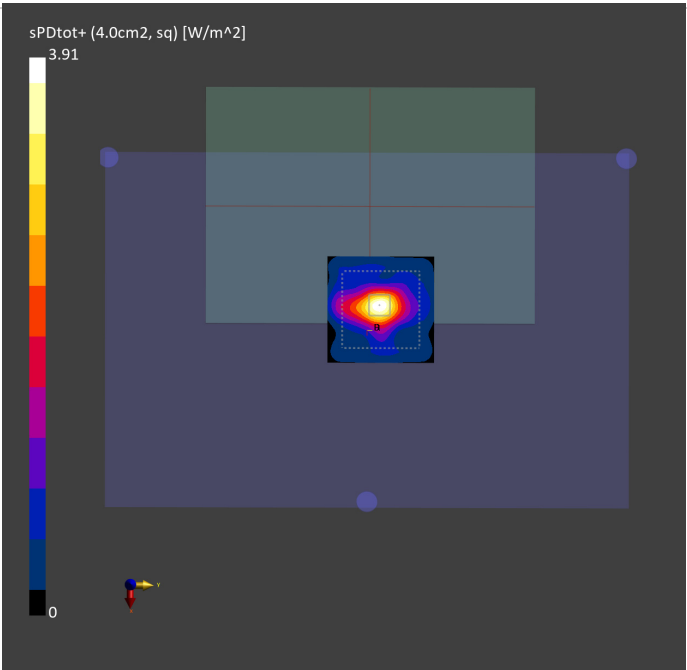
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1068	---Air	EUmmWV4 - SN9546_F1-55GHz, 2025-04-16	DAE4 Sn1651, 2026-02-16

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	2026-04-02
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.68
psPDtot+ [W/m²]	3.91
psPDmod+ [W/m²]	4.35
E _{max} [V/m]	53.0
Power Drift [dB]	-0.11



SAR measurement variability

Test Laboratory: DEKRA

Date: 2026/04/22

46_WLAN2.4GHz_802.11b-1M_CH11_Bottom of laptop_0mm_ANT Main_INNOWAVE_Verify

DUT: Notebook PC; Type: P5406CCA

Communication System: UID 0, WLAN 2.4G; Frequency: 2462 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 40.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(6.64, 6.51, 6.41) @ 2462 MHz; Calibrated: 2025/11/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2025/11/13
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1199
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.16 W/kg

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

Reference Value = 28.53 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.929 W/kg; SAR(10 g) = 0.516 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 1.37 W/kg

