
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2024/02/19

61_WLAN2.4GHz_802.11b-1M_CH11_Back_0mm_ANT Aux**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.17$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.15, 7.15, 7.15) @ 2462 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.49 W/kg

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

Reference Value = 7.383 V/m; Power Drift = -0.13 dB

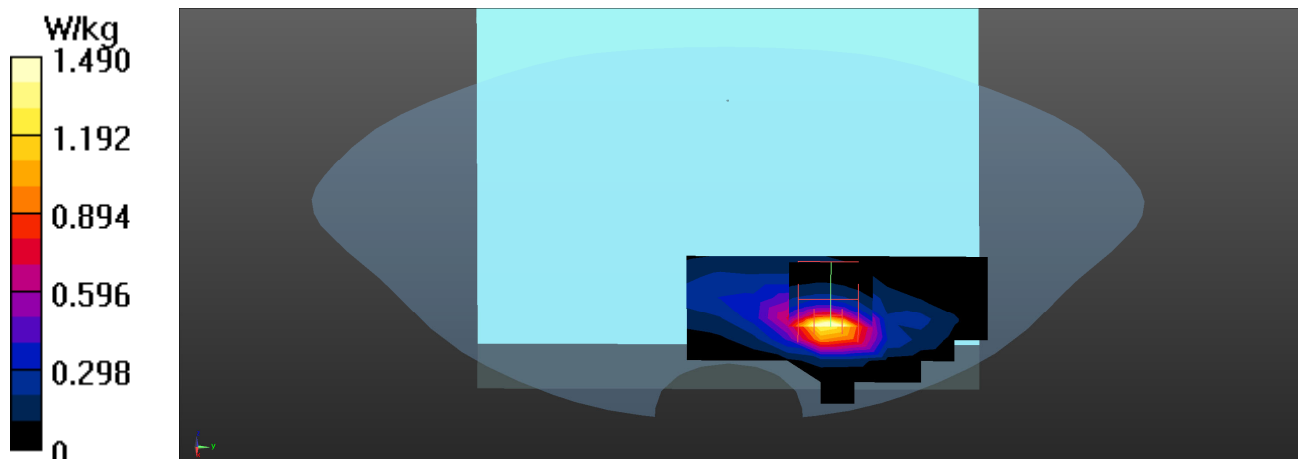
Peak SAR (extrapolated) = 2.25 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.477 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 47.6%

Maximum value of SAR (measured) = 1.82 W/kg



Test Laboratory: DEKRA

Date: 2024/02/19

34_Bluetooth_BT-1M_CH39_Back_0mm_ANT Aux**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 2441$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 39.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.15, 7.15, 7.15) @ 2441 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.174 W/kg

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

Reference Value = 12.42 V/m; Power Drift = -0.17 dB

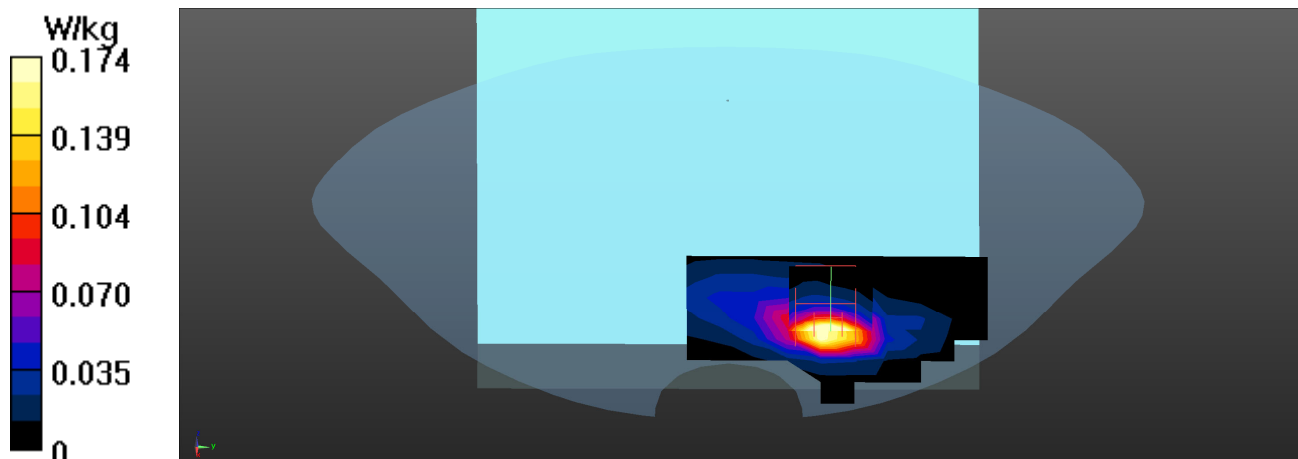
Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.063 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 0.242 W/kg



Test Laboratory: DEKRA

Date: 2024/02/27

45_WLAN5GHz_802.11ac80-VHT0_CH58_Left-side_0mm_ANT Aux**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 5290$ MHz; $\sigma = 4.84$ S/m; $\epsilon_r = 36.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.71, 4.71, 4.71) @ 5290 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x13x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.93 W/kg**Configuration/Flat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.26 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.351 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 2.30 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.26 V/m; Power Drift = -0.10 dB

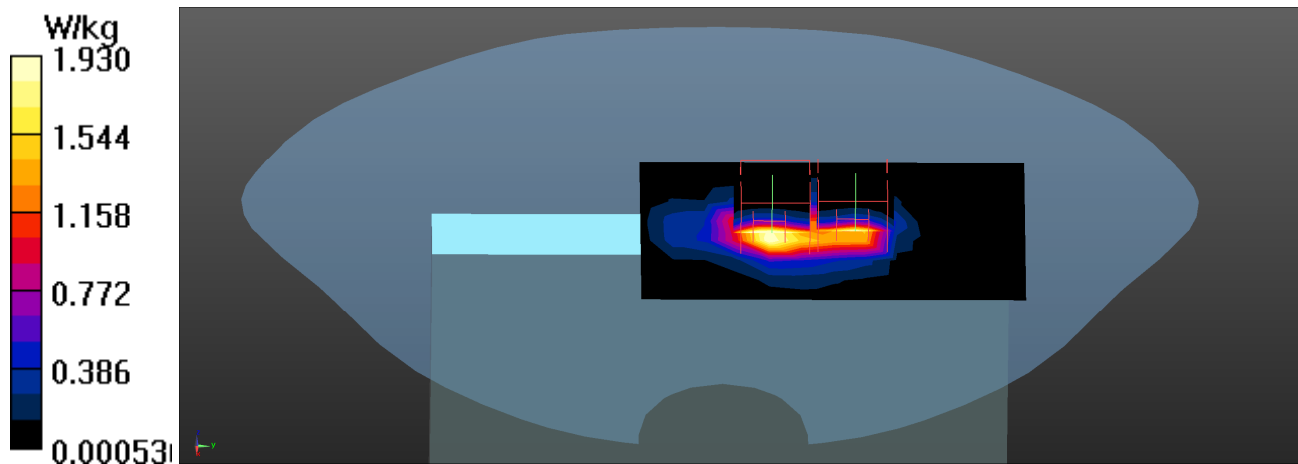
Peak SAR (extrapolated) = 3.22 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.280 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 64.2%

Maximum value of SAR (measured) = 1.98 W/kg



Test Laboratory: DEKRA

Date: 2024/02/27

50_WLAN5GHz_802.11ac80-VHT0_CH106_Left-side_0mm_ANT Aux**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 35.65$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.41, 4.41, 4.41) @ 5530 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.30 W/kg**Configuration/Flat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.98 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.381 W/kg

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 63%

Maximum value of SAR (measured) = 2.64 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.98 V/m; Power Drift = -0.13 dB

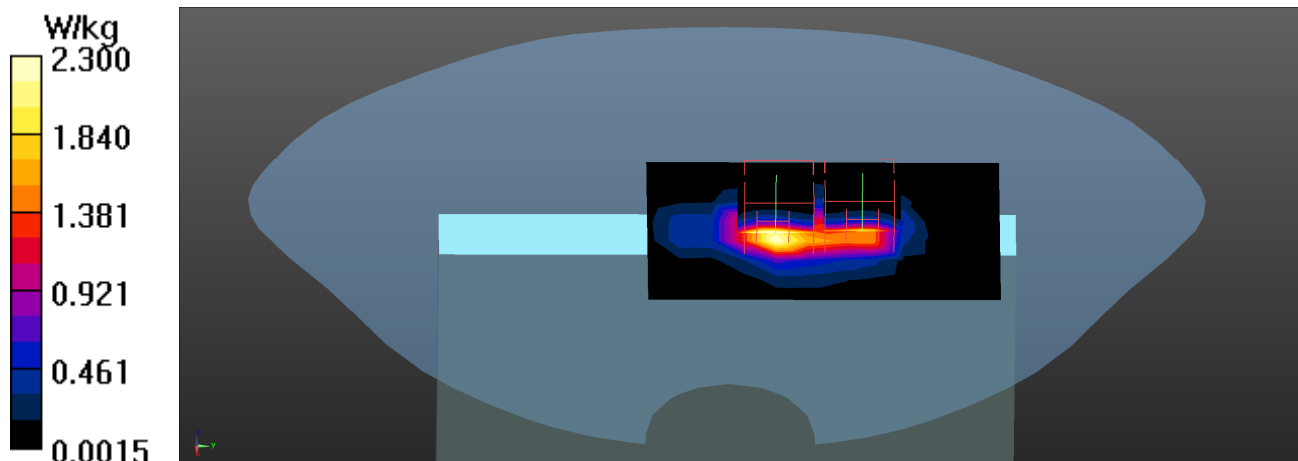
Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.291 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 2.03 W/kg



Test Laboratory: DEKRA

Date: 2024/02/27

43_WLAN5GHz_802.11ac80-VHT0_CH155_Left-side_0mm_ANT Aux**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 5775$ MHz; $\sigma = 5.48$ S/m; $\epsilon_r = 34.98$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6) @ 5775 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.87 W/kg

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

Reference Value = 20.22 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.329 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 58.8%

Maximum value of SAR (measured) = 2.19 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.22 V/m; Power Drift = -0.13 dB

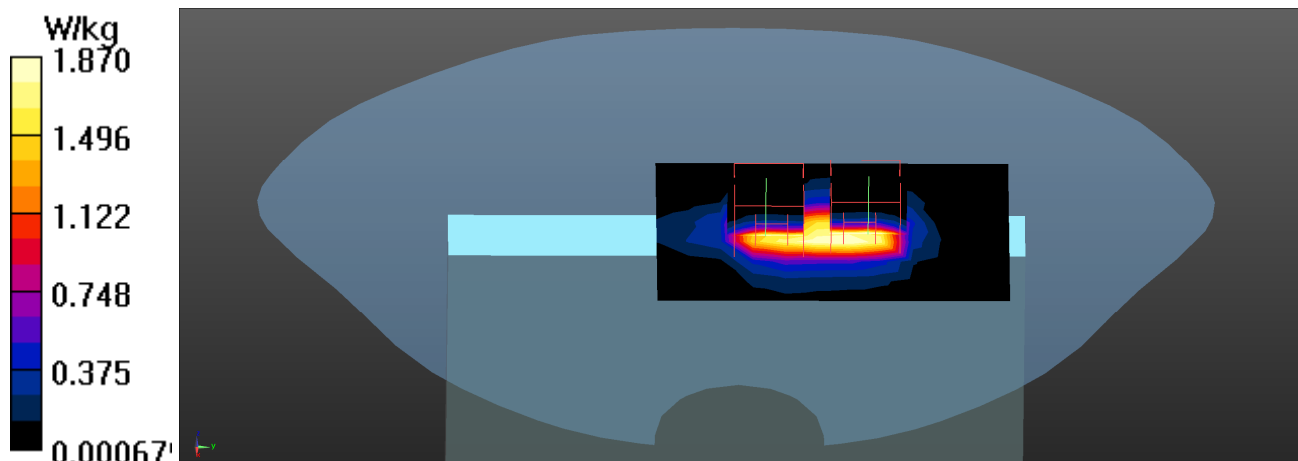
Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.279 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.4%

Maximum value of SAR (measured) = 1.95 W/kg



Test Laboratory: DEKRA

Date: 2024/02/27

42_WLAN5GHz_802.11ac80-VHT0_CH171_Left-side_0mm_ANT Aux**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 5855$ MHz; $\sigma = 5.59$ S/m; $\epsilon_r = 34.76$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6) @ 5855 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASYS2, Version 52.10 (4);

Configuration/Flat/Area Scan (6x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.04 W/kg

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

Reference Value = 13.12 V/m; Power Drift = -0.10 dB

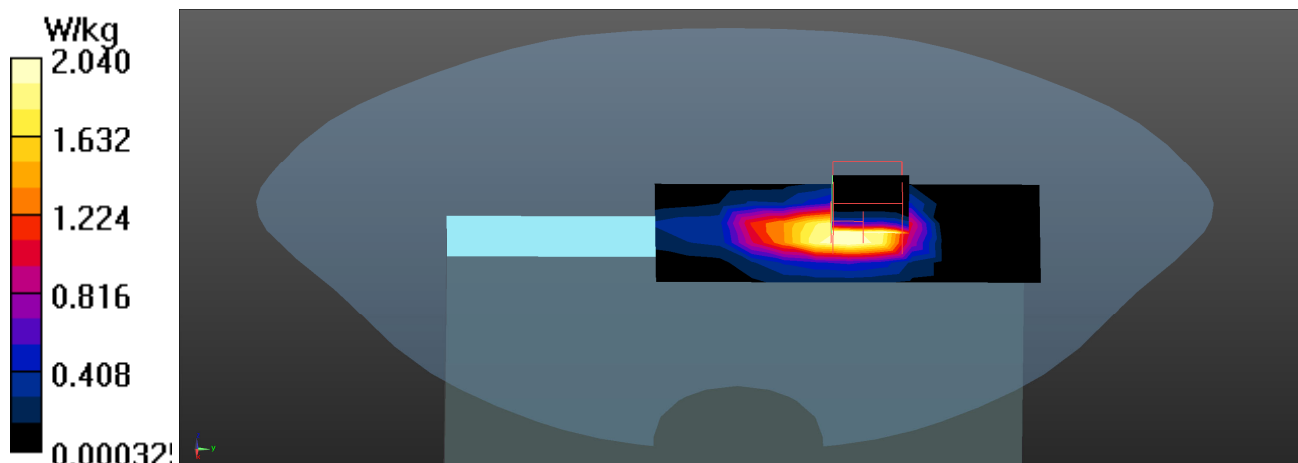
Peak SAR (extrapolated) = 4.58 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.385 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 2.58 W/kg



Test Laboratory: DEKRA

Date: 2024-02-20

9_WLAN6GHz_802.11ax160-HE0_CH111_Left-side_0mm_ANT Aux

Communication System: UID 10755-AAC, WLAN; Frequency: 6505.000 MHz

Medium parameters used: $f = 6505.000$ MHz; Conductivity = 6.06 S/m; Permittivity = 34.36

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(5.4, 5.64, 5.34); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (85.0 mm x 136.0 mm): Measurement grid: 8.5 mm x 8.5 mm

SAR (1 g) = 0.582 W/kg; SAR (10 g) = 0.200 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

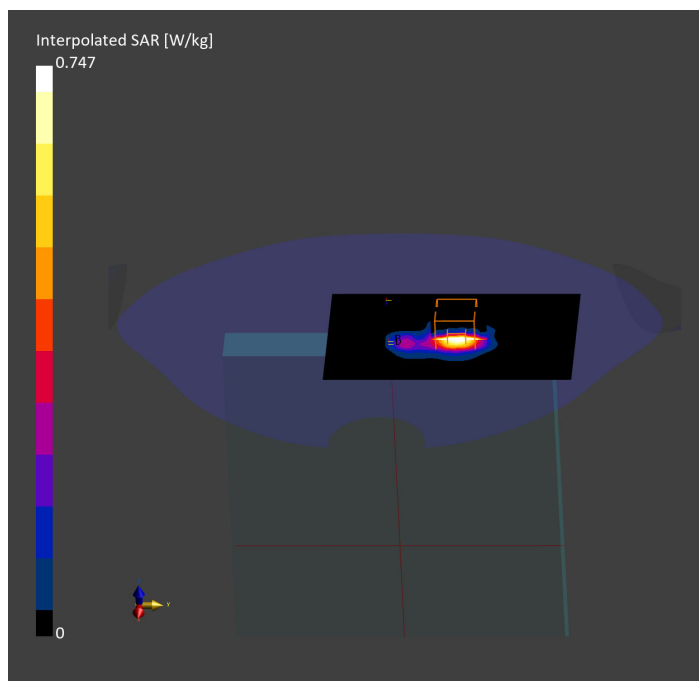
Power Drift = -0.14 dB

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.208 W/kg

psAPD (4.0cm², sq) = 4.73 W/m²

Smallest distance from peaks to all points 3 dB below = 8.9

Ratio of SAR at M2 to SAR at M1 = 52.1



2_WLAN6GHz_802.11ax160-HE0_CH15_Left-side_2mm_ANT Aux
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, AIM-68S	180.0 x 280.0 x 23.0		Tablet PC

Exposure Conditions

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

Hardware Setup

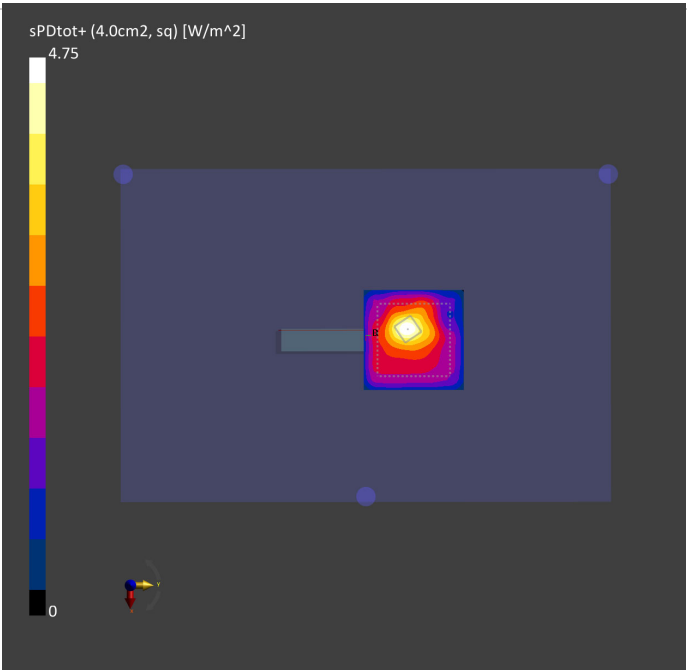
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1068	Air---	EUmmWV4 - SN9546_F1-55GHz, 2023-04-18	DAE3 Sn360, 2023-12-11

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	N/A

Measurement Results

	5G Scan
Date	2024-02-15
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.57
psPDtot+ [W/m ²]	4.75
psPDmod+ [W/m ²]	4.96
E _{max} [V/m]	48.2
Power Drift [dB]	-0.15



SAR measurement variability

Test Laboratory: DEKRA

Date: 2024/02/19

24_WLAN2.4GHz_802.11b-1M_CH11_Back_0mm_ANT Aux-Verify

DUT: Tablet PC; Type: AIM-68S

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

Communication System PAR: 0 dB

Medium parameters used: $f = 2462$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 39.17$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(7.15, 7.15, 7.15) @ 2462 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.40 W/kg

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

Reference Value = 4.857 V/m; Power Drift = -0.11 dB

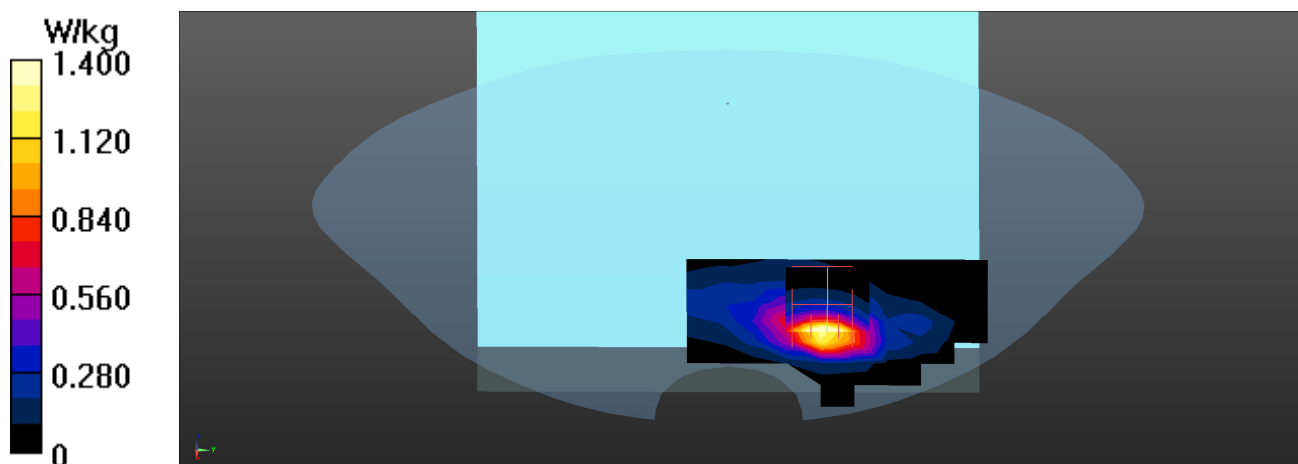
Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.465 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 47%

Maximum value of SAR (measured) = 1.75 W/kg



Test Laboratory: DEKRA

Date: 2024/02/27

60_WLAN5GHz_802.11ac80-VHT0_CH106_Left-side_0mm_ANT Aux -Verify**DUT: Tablet PC; Type: AIM-68S**

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

Communication System PAR: 0 dB

Medium parameters used: $f = 5530$ MHz; $\sigma = 5.16$ S/m; $\epsilon_r = 35.65$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3698; ConvF(4.41, 4.41, 4.41) @ 5530 MHz; Calibrated: 2023/11/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1207; Calibrated: 2023/11/22
- Phantom: SAM with right table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (8x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.44 W/kg**Configuration/Flat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.762 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.355 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 63%

Maximum value of SAR (measured) = 2.44 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.762 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.39 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.284 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 60.4%

Maximum value of SAR (measured) = 1.92 W/kg

