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## Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2024/03/25

**1\_WLAN2.4GHz\_802.11b-1M\_CH6\_Bottom\_0mm\_ANT Main****DUT: Notebook Computer; Type: EP20AN1C**

Communication System: UID 0, WLAN 2.4G; Frequency: 2437 MHz

Communication System PAR: 0 dB

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 40.61$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) @ 2437 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 (13x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0514 W/kg

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

Reference Value = 1.771 V/m; Power Drift = -0.07 dB

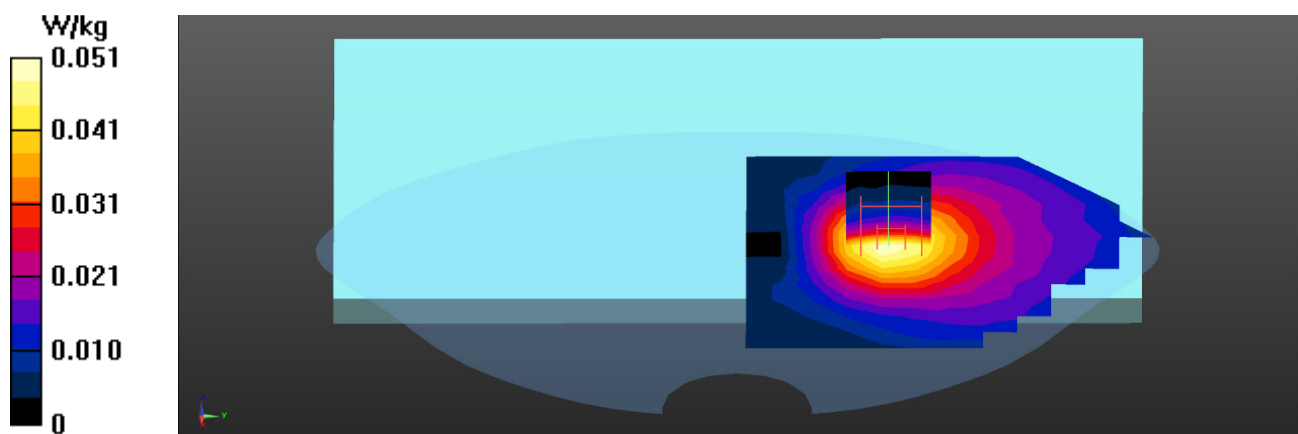
Peak SAR (extrapolated) = 0.0620 W/kg

**SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.021 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (&gt; 15 mm)

Ratio of SAR at M2 to SAR at M1 = 55.8%

Maximum value of SAR (measured) = 0.0518 W/kg



Test Laboratory: DEKRA

Date: 2024/03/25

**5\_Bluetooth\_BT-1M\_CH39\_Bottom\_0mm\_ANT Aux****DUT: Notebook Computer; Type: EP20AN1C**

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

Communication System PAR: 0 dB

Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.78$  S/m;  $\epsilon_r = 40.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (12x13x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0227 W/kg

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

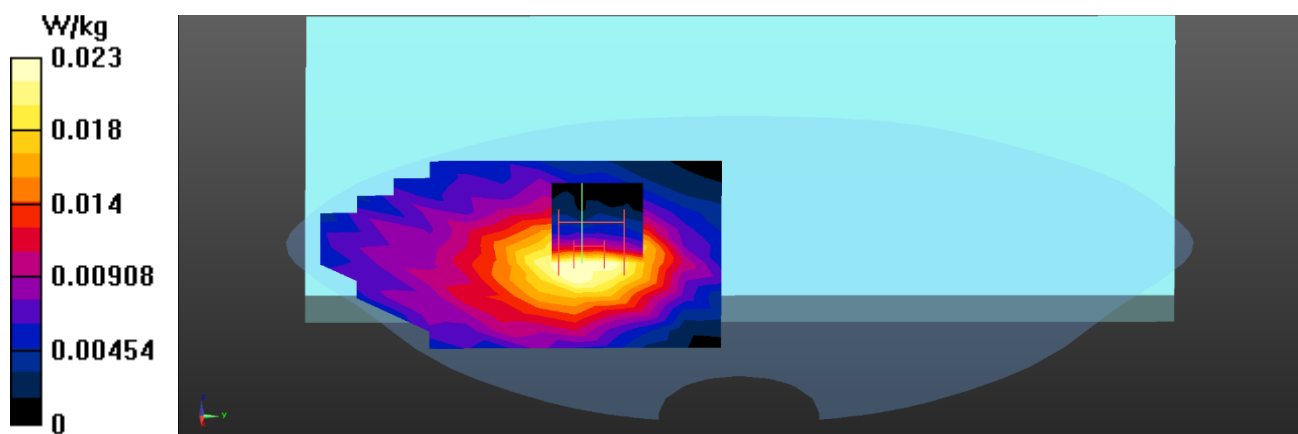
Reference Value = 2.032 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.0280 W/kg

**SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00885 W/kg**Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ( $> 15$  mm)

Ratio of SAR at M2 to SAR at M1 = 50.4%

Maximum value of SAR (measured) = 0.0230 W/kg



Test Laboratory: DEKRA

Date: 2024/03/26

**6\_WLAN5GHz\_802.11a-6M\_CH60\_Bottom\_0mm\_ANT Main****DUT: Notebook Computer; Type: EP20AN1C**

Communication System: UID 0, WLAN 5G; Frequency: 5300 MHz

Communication System PAR: 0 dB

Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.62$  S/m;  $\epsilon_r = 36.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) @ 5300 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 (14x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.180 W/kg

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

Reference Value = 4.538 V/m; Power Drift = -0.09 dB

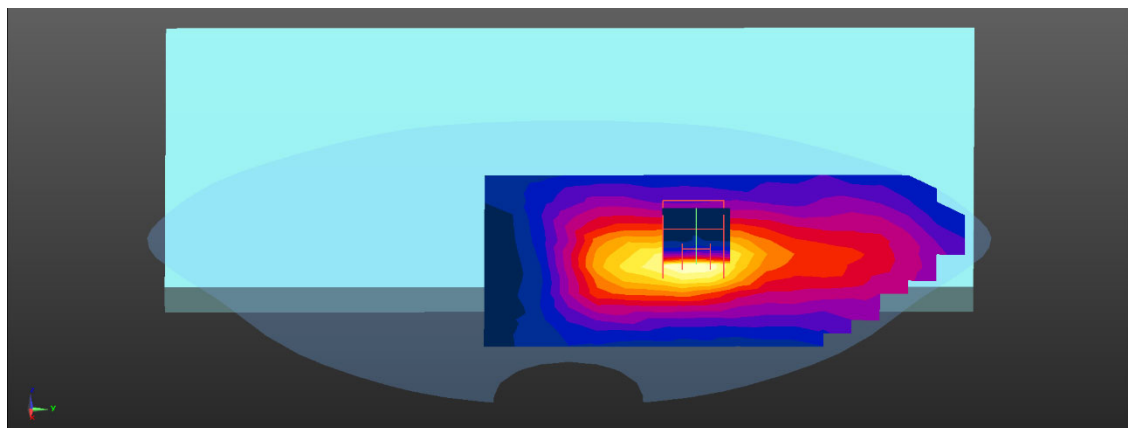
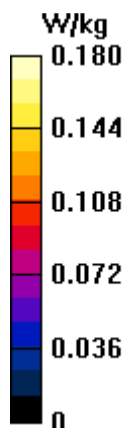
Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.053 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (&gt; 12 mm)

Ratio of SAR at M2 to SAR at M1 = 68.2%

Maximum value of SAR (measured) = 0.185 W/kg



Test Laboratory: DEKRA

Date: 2024/03/26

**7\_WLAN5GHz\_802.11a-6M\_CH124\_Bottom\_0mm\_ANT Main****DUT: Notebook Computer; Type: EP20AN1C**

Communication System: UID 0, WLAN 5G; Frequency: 5620 MHz

Communication System PAR: 0 dB

Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.05$  S/m;  $\epsilon_r = 35.20$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) @ 5620 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 (14x18x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.260 W/kg

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

Reference Value = 5.826 V/m; Power Drift = -0.13 dB

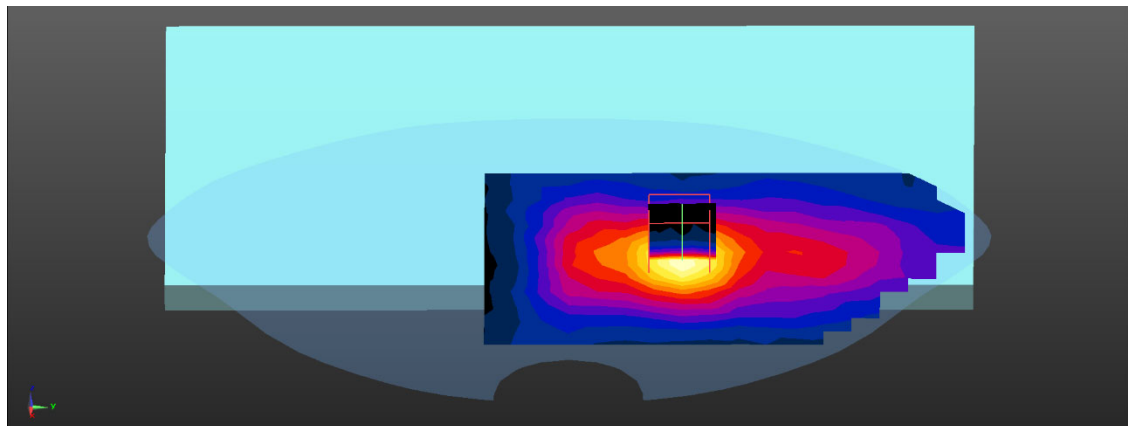
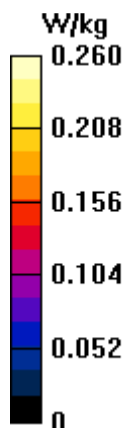
Peak SAR (extrapolated) = 0.394 W/kg

**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.048 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (&gt; 12 mm)

Ratio of SAR at M2 to SAR at M1 = 64%

Maximum value of SAR (measured) = 0.257 W/kg



Test Laboratory: DEKRA

Date: 2024/03/26

**8\_WLAN5GHz\_802.11a-6M\_CH165\_Bottom\_0mm\_ANT Main****DUT: Notebook Computer; Type: EP20AN1C**

Communication System: UID 0, WLAN 5G; Frequency: 5825 MHz

Communication System PAR: 0 dB

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.32$  S/m;  $\epsilon_r = 34.63$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

**DASY Configuration:**

- Probe: EX3DV4 - SN3698; ConvF(4.6, 4.6, 4.6) @ 5825 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 (15x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.325 W/kg

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

Reference Value = 5.600 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.074 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (&gt; 12 mm)

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

Maximum value of SAR (measured) = 0.334 W/kg

