Appendix B. Highest Measurement Data

Test Laboratory: DEKRA Date: 2024/11/21

21_WLAN2.4GHz_802.11b-1M_CH11_Bottom of laptop_0mm_ANT Aux_AWAN

DUT: Notebook PC; Type: M1607

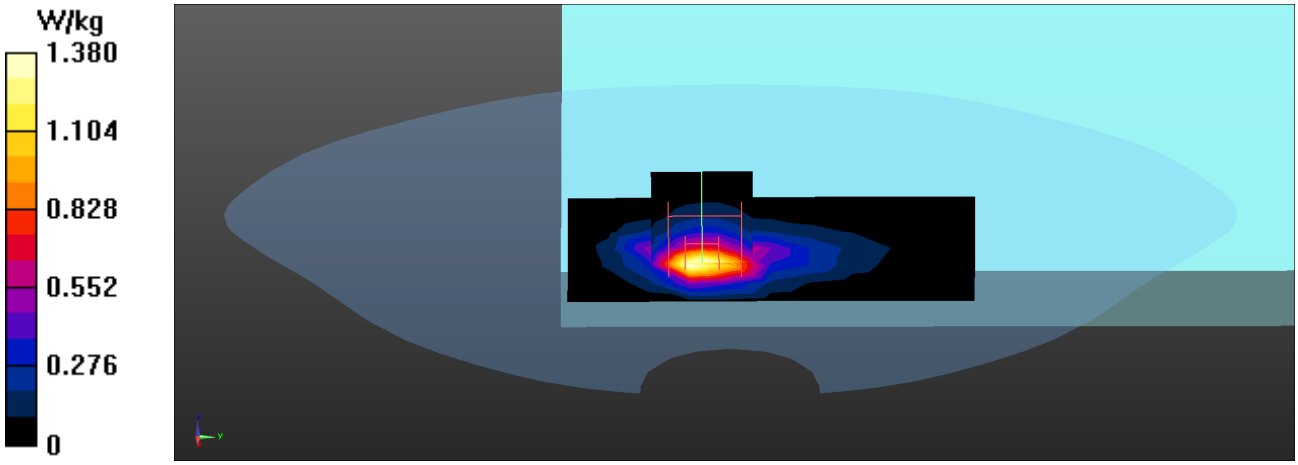
Communication System: UID 0, WLAN 2.4G; Frequency: 2462 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 2462 MHz; σ = 1.83 S/m; ε_r = 39.16; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.41, 7.41, 7.41) @ 2462 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.38 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.56 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.411 W/kg
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 1.45 W/kg



Test Laboratory: DEKRA Date: 2024/11/21

36_Bluetooth_BT-1M_CH39_Bottom of laptop_0mm_ANT Aux_AWAN

DUT: Notebook PC; Type: M1607

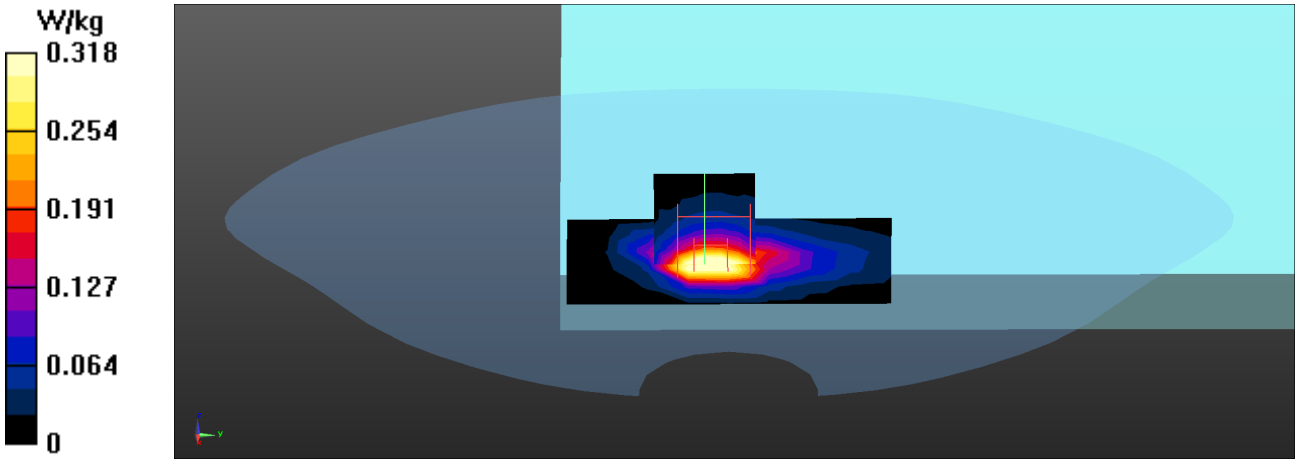
Communication System: UID 0, BT 1M&3M&BLE; Frequency: 2441 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 2441 MHz; σ = 1.79 S/m; ε_r = 39.22; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.41, 7.41, 7.41) @ 2441 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.318 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.669 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.121 W/kg
Smallest distance from peaks to all points 3 dB below = 10.8 mm
Ratio of SAR at M2 to SAR at M1 = 49.4%
Maximum value of SAR (measured) = 0.407 W/kg



Test Laboratory: DEKRA Date: 2024/11/24

27_WLAN5GHz_802.11n40M-HT0_CH62_Front edge of laptop_0mm_ANT Main_AWAN

DUT: Notebook PC; Type: M1607

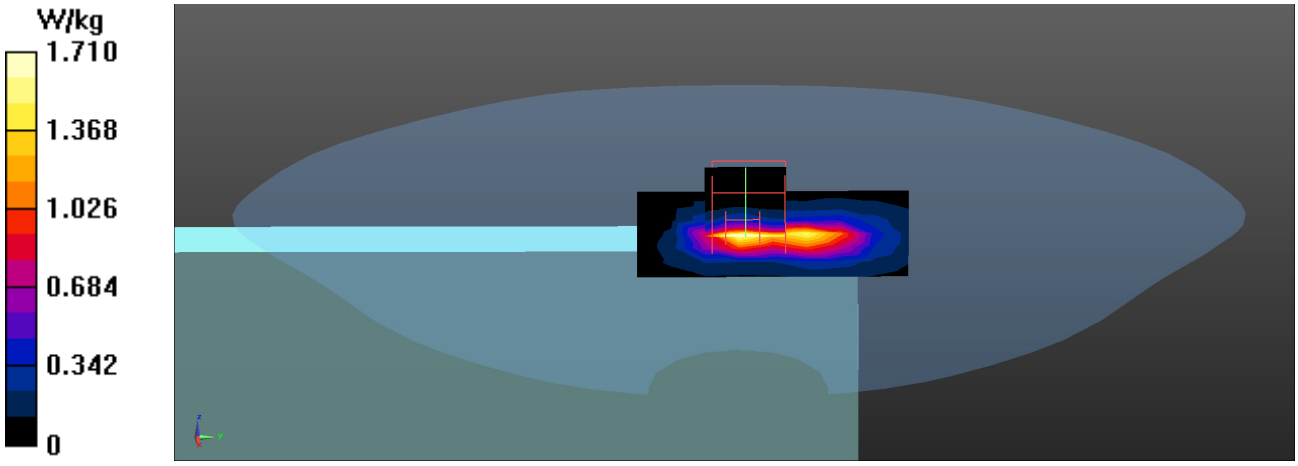
Communication System: UID 0, WLAN 5G; Frequency: 5310 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 5310 MHz; σ = 4.75 S/m; ε_r = 36.12; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(5.23, 5.23, 5.23) @ 5310 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.71 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.28 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.39 W/kg
SAR(1 g) = 0.835 W/kg; SAR(10 g) = 0.294 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 63.6%
Maximum value of SAR (measured) = 2.01 W/kg



Test Laboratory: DEKRA Date: 2024/11/24

13_WLAN5GHz_802.11ac80M-VHT0_CH138_Front edge of laptop_0mm_ANT Main_AWAN

DUT: Notebook PC; Type: M1607

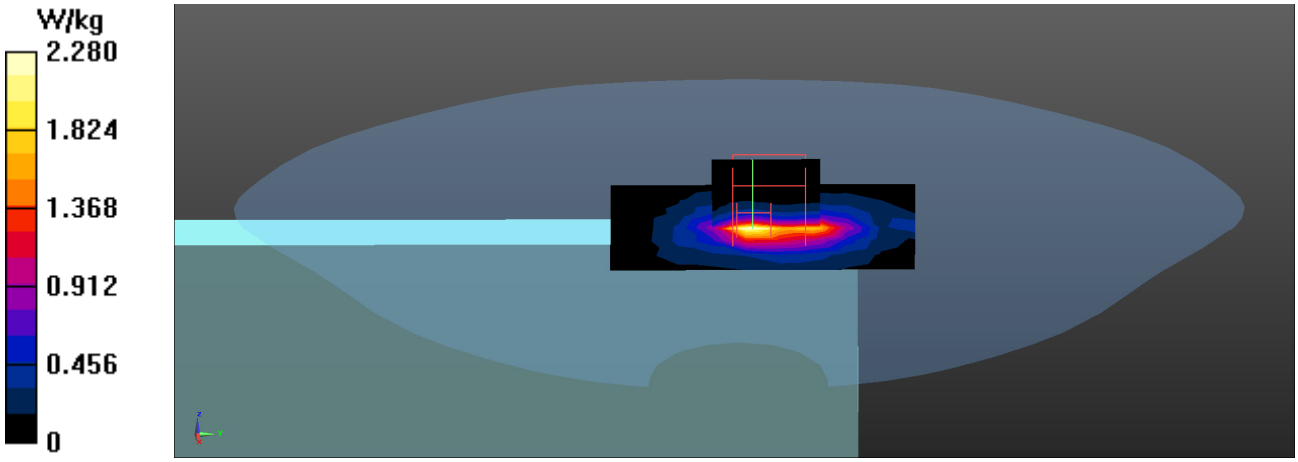
Communication System: UID 0, WLAN 5G; Frequency: 5690 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 5690 MHz; σ = 5.26 S/m; ε_r = 35.14; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.63, 4.63, 4.63) @ 5690 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.28 W/kg

Configuration/Flat/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.06 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.69 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.344 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 60.8%
Maximum value of SAR (measured) = 2.50 W/kg



Test Laboratory: DEKRA Date: 2024/11/24

10_WLAN5GHz_802.11ac80M-VHT0_CH155_Front edge of laptop_0mm_ANT Main_AWAN

DUT: Notebook PC; Type: M1607

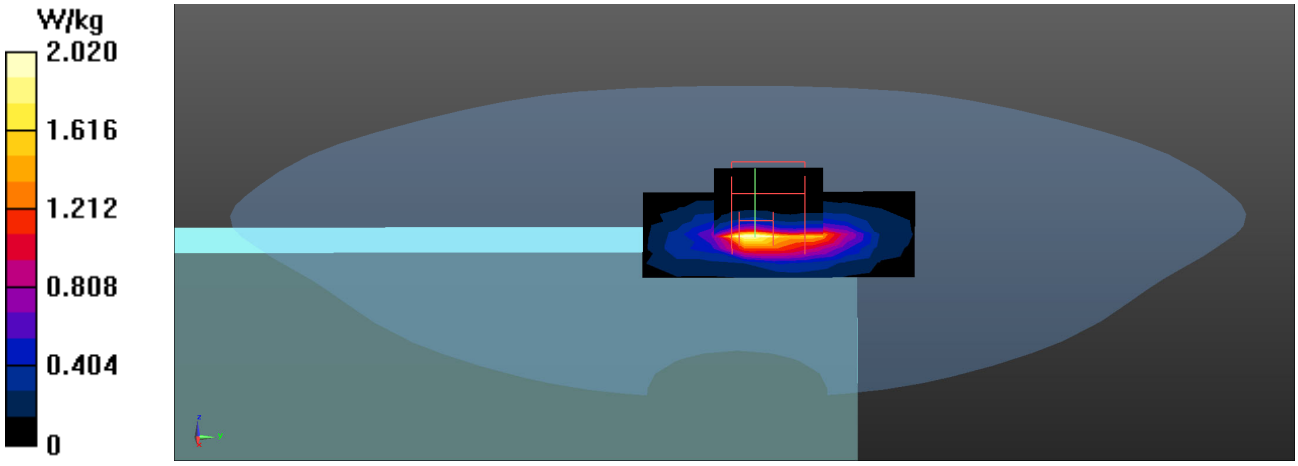
Communication System: UID 0, WLAN 5G; Frequency: 5775 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 5775 MHz; σ = 5.38 S/m; ε_r = 34.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.89, 4.89, 4.89) @ 5775 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.02 W/kg

Configuration/Flat/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 23.66 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.66 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.335 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 59.8%
Maximum value of SAR (measured) = 2.49 W/kg



SAR measurement variability

Test Laboratory: DEKRA Date: 2024/11/21

22_WLAN2.4GHz_802.11b-1M_CH11_Bottom of laptop_0mm_ANT Aux_AWAN-Verify

DUT: Notebook PC; Type: M1607

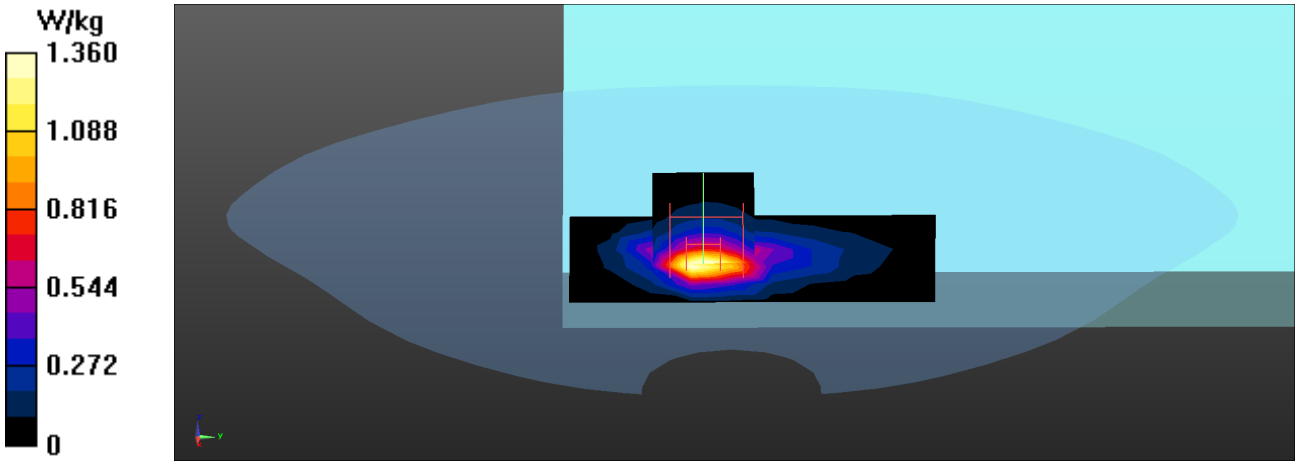
Communication System: UID 0, WLAN 2.4G; Frequency: 2462 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 2462 MHz; σ = 1.83 S/m; ε_r = 39.16; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(7.41, 7.41, 7.41) @ 2462 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (6x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.36 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.50 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.411 W/kg
Smallest distance from peaks to all points 3 dB below = 10.4 mm
Ratio of SAR at M2 to SAR at M1 = 48.8%
Maximum value of SAR (measured) = 1.46 W/kg



Test Laboratory: DEKRA Date: 2024/11/24

42_WLAN5GHz_802.11ac80M-VHT0_CH138_Front edge of laptop_0mm_ANT Main_AWAN-Verify

DUT: Notebook PC; Type: M1607

Communication System: UID 0, WLAN 5G; Frequency: 5690 MHz
Communication System PAR: 0 dB
Medium parameters used: f = 5690 MHz; σ = 5.26 S/m; ε_r = 35.14; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.63, 4.63, 4.63) @ 5690 MHz; Calibrated: 2024/06/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1305; Calibrated: 2024/04/18
- Phantom: SAM with left table; Type: SAM;
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.17 W/kg

Configuration/Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.13 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.93 W/kg
SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.338 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 61.4%
Maximum value of SAR (measured) = 2.35 W/kg