
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2024-03-20

2_WLAN2.4G_802.11b-1M_CH6_Right-side_0mm_ANT A_NX_-P

Communication System: UID 10415-AAA, WLAN; Frequency: 2437.000 MHz

Medium parameters used: $f = 2437.000$ MHz; Conductivity = 1.78 S/m; Permittivity = 40.5

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(7.16, 7.7, 7.45); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (140.0 mm x 120.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.876 W/kg; SAR (10 g) = 0.382 W/kg

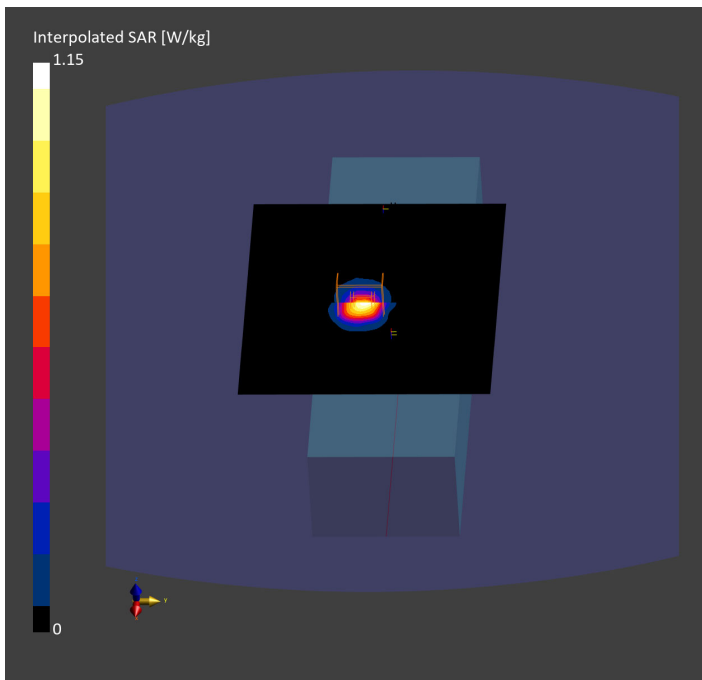
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 4.1 mm x 4.1 mm x 1.4 mm

Power Drift = -0.10 dB

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.373 W/kg

Smallest distance from peaks to all points 3 dB below = 5.2

Ratio of SAR at M2 to SAR at M1 = 76.3



Test Laboratory: DEKRA

Date: 2024-03-25

8_WLAN5G_802.11ac80-VHT0_CH58_Right-side_0mm_ANT B_NX_-P

Communication System: UID 10544-AAD, WLAN; Frequency: 5290.000 MHz

Medium parameters used: $f = 5290.000$ MHz; Conductivity = 4.71 S/m; Permittivity = 36.6

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(5.61, 5.95, 5.67); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (140.0 mm x 120.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.350 W/kg; SAR (10 g) = 0.097 W/kg

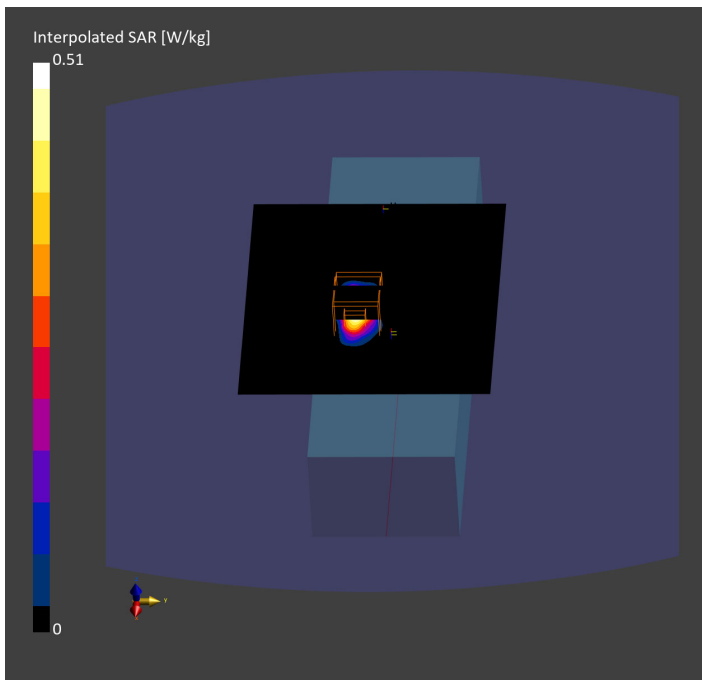
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 3.8 mm x 3.8 mm x 1.4 mm

Power Drift = -0.13 dB

SAR(1 g) = 0.447 W/kg; SAR(10 g) = 0.081 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9

Ratio of SAR at M2 to SAR at M1 = 53.9



Test Laboratory: DEKRA

Date: 2024-03-25

12_WLAN5G_802.11ac80-VHT0_CH138_Right-side_0mm_ANT A_NX_-P

Communication System: UID 10544-AAD, WLAN; Frequency: 5690.000 MHz

Medium parameters used: $f = 5690.000$ MHz; Conductivity = 5.24 S/m; Permittivity = 35.5

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(5.09, 5.35, 5.13); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (140.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.740 W/kg; SAR (10 g) = 0.151 W/kg

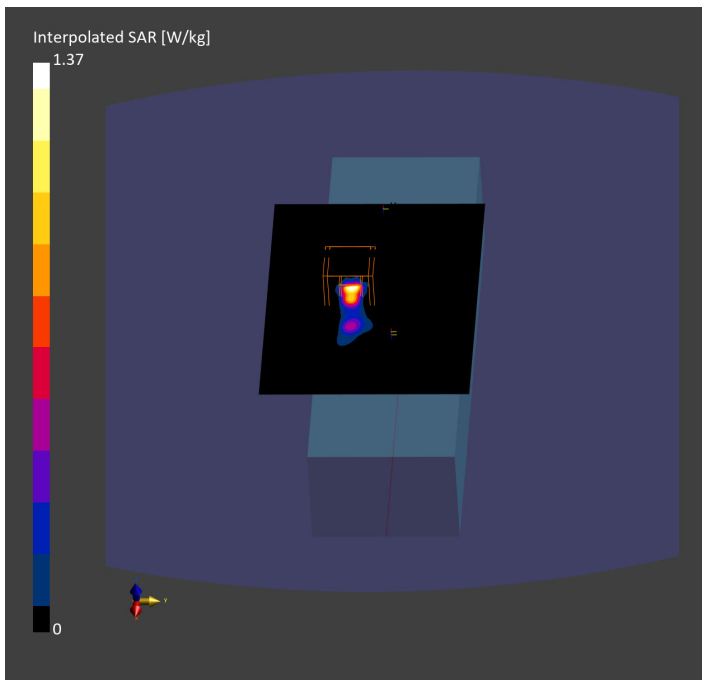
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 2.6 mm x 2.6 mm x 1.2 mm

Power Drift = -0.12 dB

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.144 W/kg

Smallest distance from peaks to all points 3 dB below = 3.7

Ratio of SAR at M2 to SAR at M1 = 64.2



Test Laboratory: DEKRA

Date: 2024-03-25

7_WLAN5G_802.11ac80-VHT0_CH155_Right-side_0mm_ANT A_NX_-P

Communication System: UID 10544-AAD, WLAN; Frequency: 5775.000 MHz

Medium parameters used: $f = 5775.000$ MHz; Conductivity = 5.36 S/m; Permittivity = 35.3

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(5.09, 5.35, 5.13); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (140.0 mm x 100.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.517 W/kg; SAR (10 g) = 0.126 W/kg

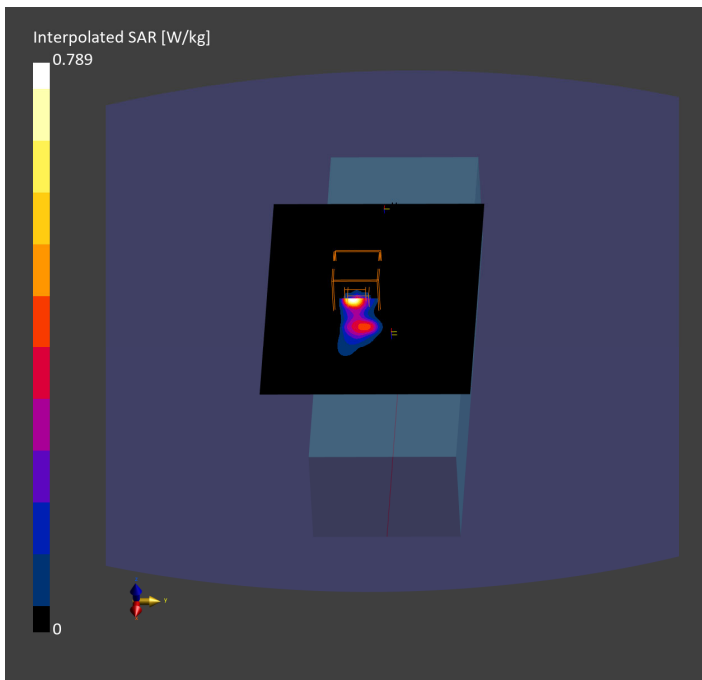
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement grid: 2.6 mm x 2.6 mm x 1.2 mm

Power Drift = -0.11 dB

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.138 W/kg

Smallest distance from peaks to all points 3 dB below = 3.5

Ratio of SAR at M2 to SAR at M1 = 64.1



SAR measurement variability

Test Laboratory: DEKRA

Date: 2024-03-20

18_WLAN2.4G_802.11b-1M_CH6_Right-side_0mm_ANT A-Verify_NX_-P

Communication System: UID 10415-AAA, WLAN; Frequency: 2437.000 MHz

Medium parameters used: $f = 2437.000$ MHz; Conductivity = 1.78 S/m; Permittivity = 40.5

Phantom section: Flat

DASY Configuration:

- Probe: EX3DV4 - SN7728; ConvF(7.16, 7.7, 7.45); Calibrated: 2023-11-22
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn916; Calibrated: 2023-11-29
- Phantom: ELI V8.0 (20deg probe tilt)
- Measurement SW: V16.2.4.2524

Area Scan (140.0 mm x 120.0 mm): Measurement grid: 10.0 mm x 10.0 mm

SAR (1 g) = 0.811 W/kg; SAR (10 g) = 0.358 W/kg

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement grid: 4.6 mm x 4.6 mm x 1.5 mm

Power Drift = -0.06 dB

SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.357 W/kg

Smallest distance from peaks to all points 3 dB below = 5.6

Ratio of SAR at M2 to SAR at M1 = 72.7

