

Appendix C - Highest Measurement Plots

Date: 2022/12/19

01_WLAN 2.4 GHz_802.11b_Ch6_Bottom of laptop_0 mm_ANT Main

DUT: UX5304V

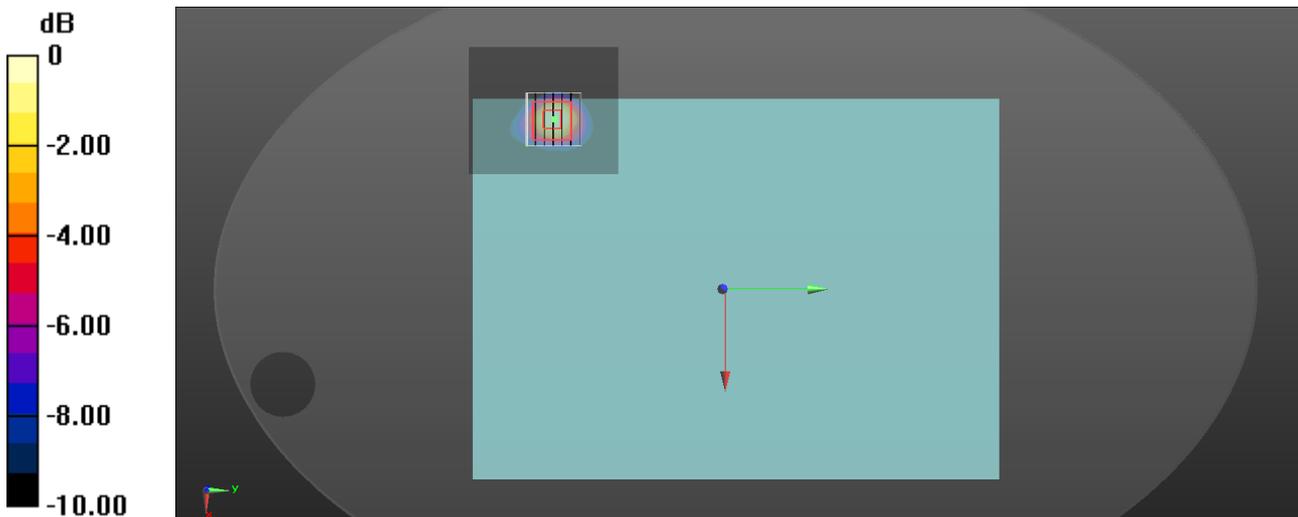
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.005
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.735$ S/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.02 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.78 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.44 W/kg
SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.396 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 41.2%
Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

Date: 2022/12/19

02_WLAN 2.4 GHz_802.11b_Ch6_Bottom of laptop_0 mm_ANT Aux

DUT: UX5304V

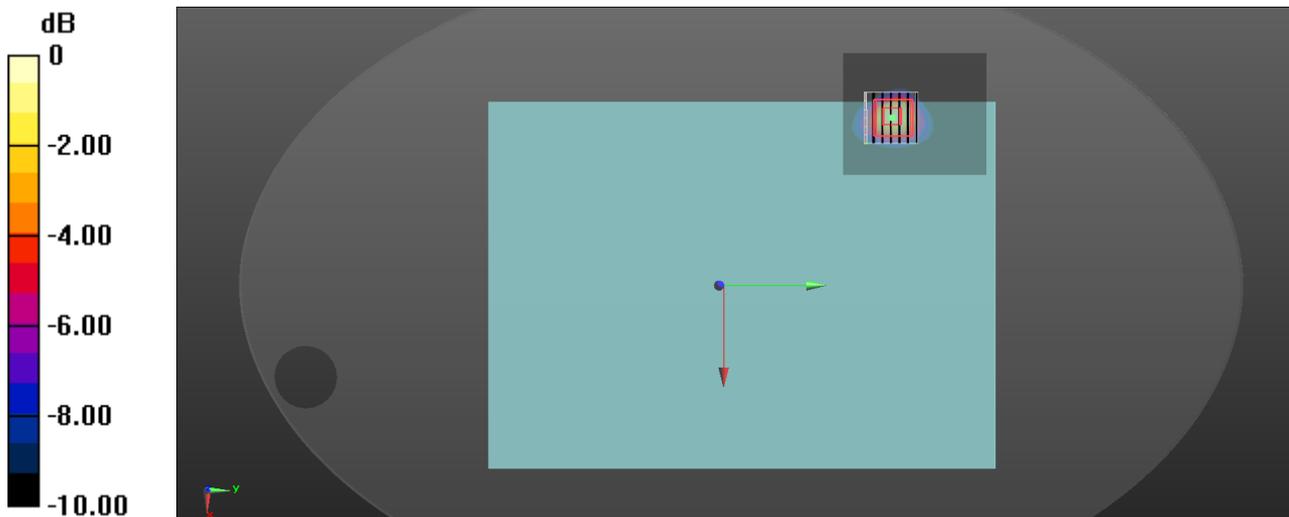
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.005
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.735$ S/m; $\epsilon_r = 39.4$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.86 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.338 W/kg
Smallest distance from peaks to all points 3 dB below = 7.8 mm
Ratio of SAR at M2 to SAR at M1 = 40%
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

Date: 2022/12/19

25_WLAN 2.4 GHz_802.11n HT40_Ch9_Bottom of laptop_0 mm_ANT MIMO

DUT: UX5304V

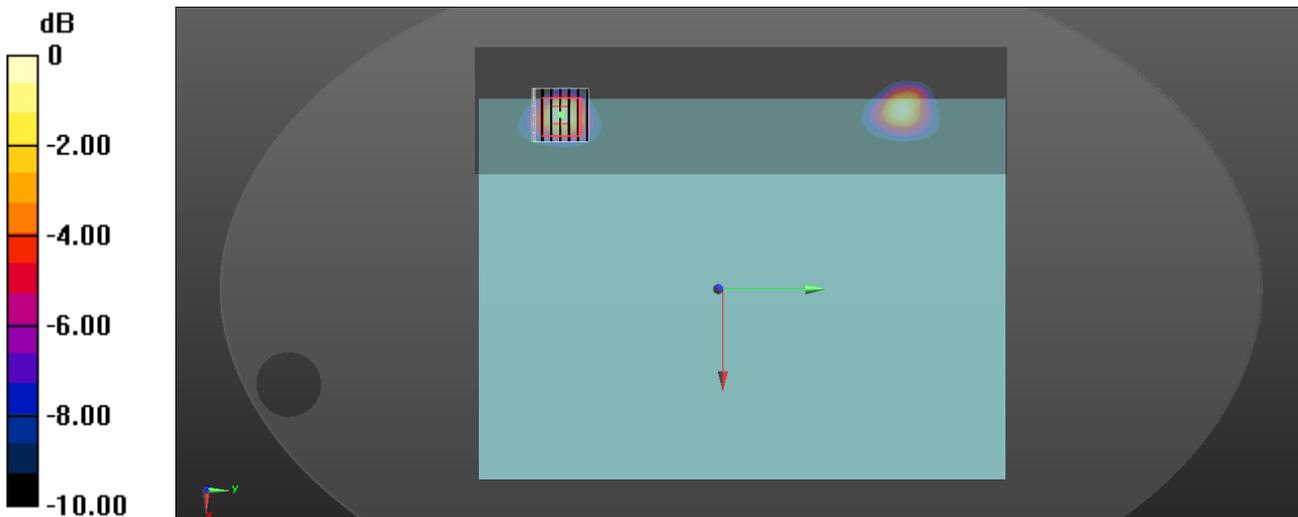
Communication System: UID 0, IEEE 802.11n(2.4GHz) (0); Frequency: 2452 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 2452$ MHz; $\sigma = 1.748$ S/m; $\epsilon_r = 39.374$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2452 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x251x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.94 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.55 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.394 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 41.8%
Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

Date: 2022/12/19

03_Bluetooth_GFSK_Ch0_Bottom of laptop_0 mm_ANT Aux

DUT: UX5304V

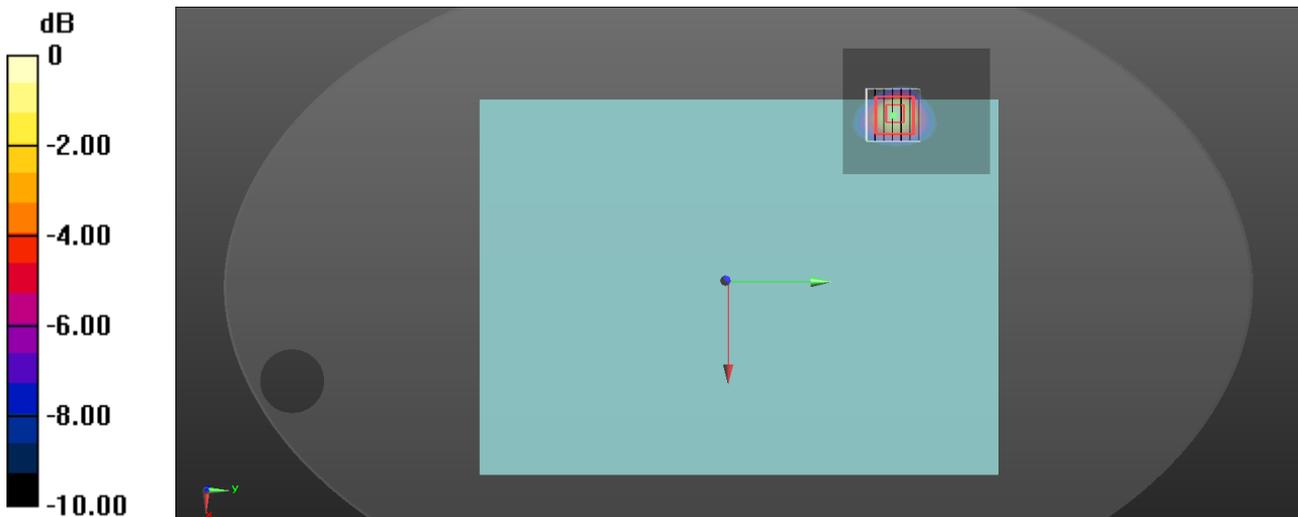
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2402 MHz; Duty Cycle: 1:1.296
 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.706$ S/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section
 Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2402 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.664 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 14.81 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.150 W/kg
 Smallest distance from peaks to all points 3 dB below = 8.1 mm
 Ratio of SAR at M2 to SAR at M1 = 40.6%
 Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

Date: 2022/12/20

04_WLAN 5 GHz_802.11ac_VHT160_Ch50_Bottom of laptop_0 mm_ANT Main

DUT: UX5304V

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.015
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.825$ S/m; $\epsilon_r = 36.643$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5250 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.57 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.73 V/m; Power Drift = -0.10 dB

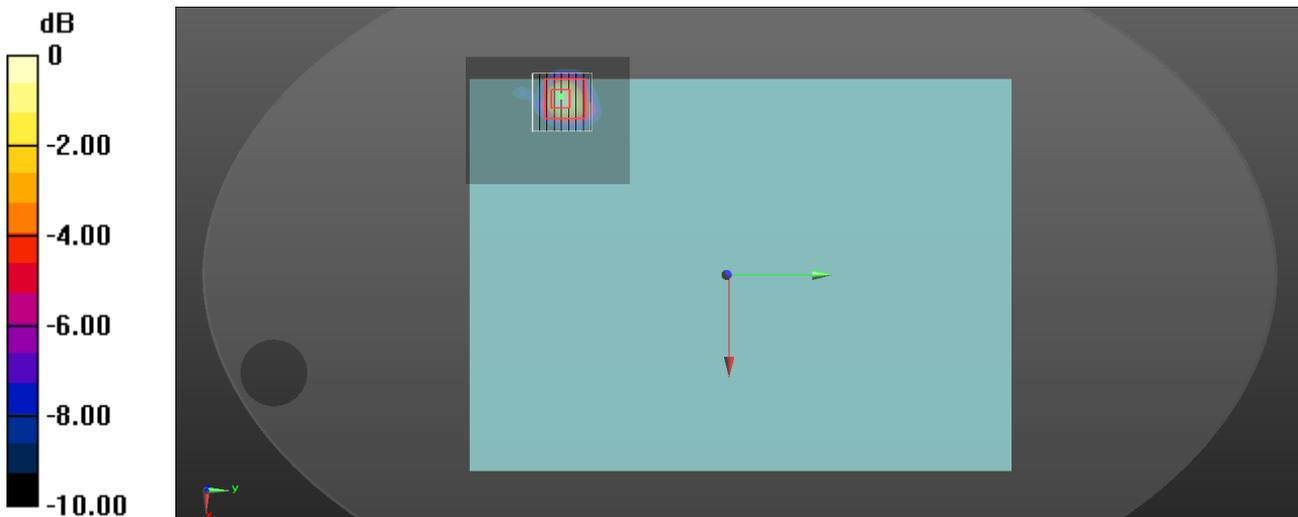
Peak SAR (extrapolated) = 4.11 W/kg

SAR(1 g) = 0.922 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 = 60.2%

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

Date: 2022/12/20

05_WLAN 5 GHz_802.11ac_VHT160_Ch50_Bottom of laptop_0 mm_ANT Aux

DUT: UX5304V

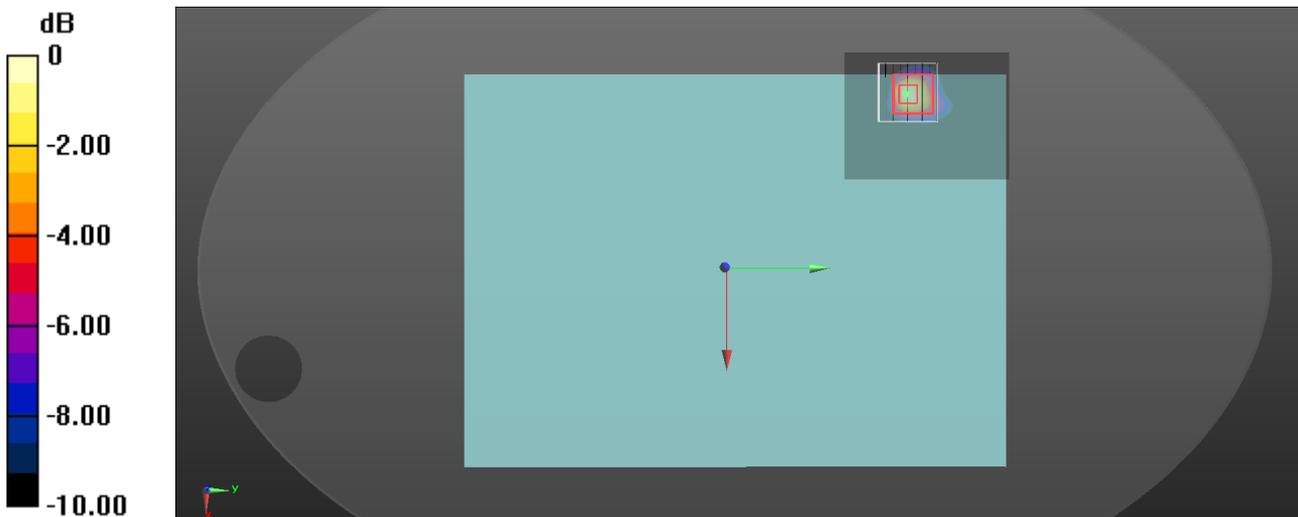
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.015
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.825 \text{ S/m}$; $\epsilon_r = 36.643$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5250 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 1.62 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 10.93 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.180 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 60.9%
Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Date: 2022/12/28

26_WLAN 5 GHz_802.11ac_VHT160_Ch50_Bottom of laptop_0 mm_ANT MIMO

DUT: UX5304V

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.015
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.806 \text{ S/m}$; $\epsilon_r = 36.541$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5250 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x301x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.83 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 15.06 V/m; Power Drift = -0.06 dB

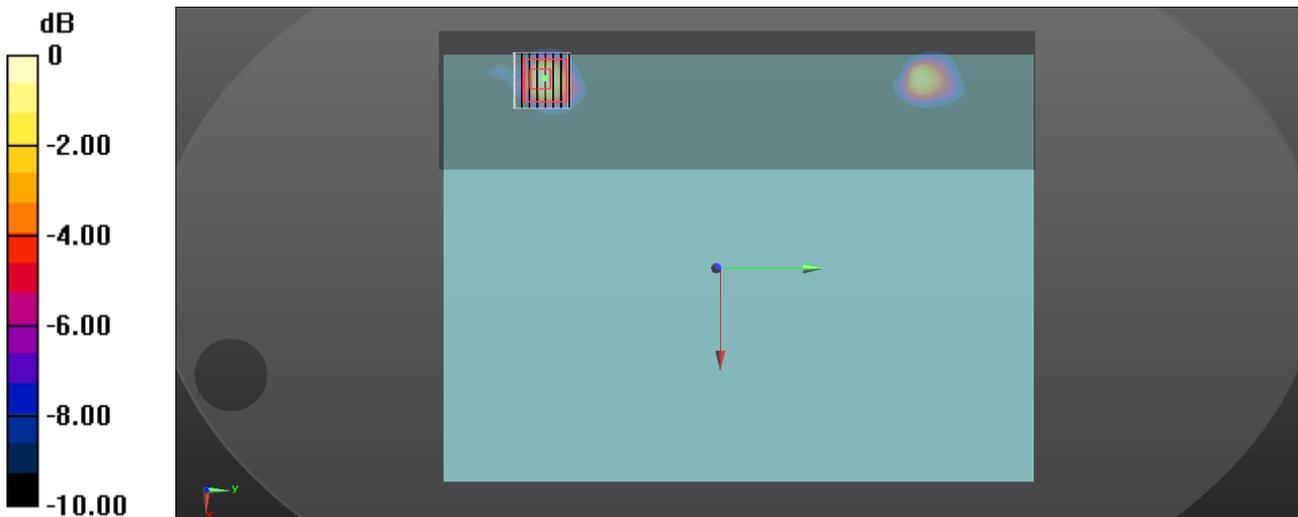
Peak SAR (extrapolated) = 4.56 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.342 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.62 W/kg = 4.18 dBW/kg

Date: 2022/12/20

06_WLAN 5 GHz_802.11ac_VHT80_Ch138_Bottom of laptop_0 mm_ANT Main

DUT: UX5304V

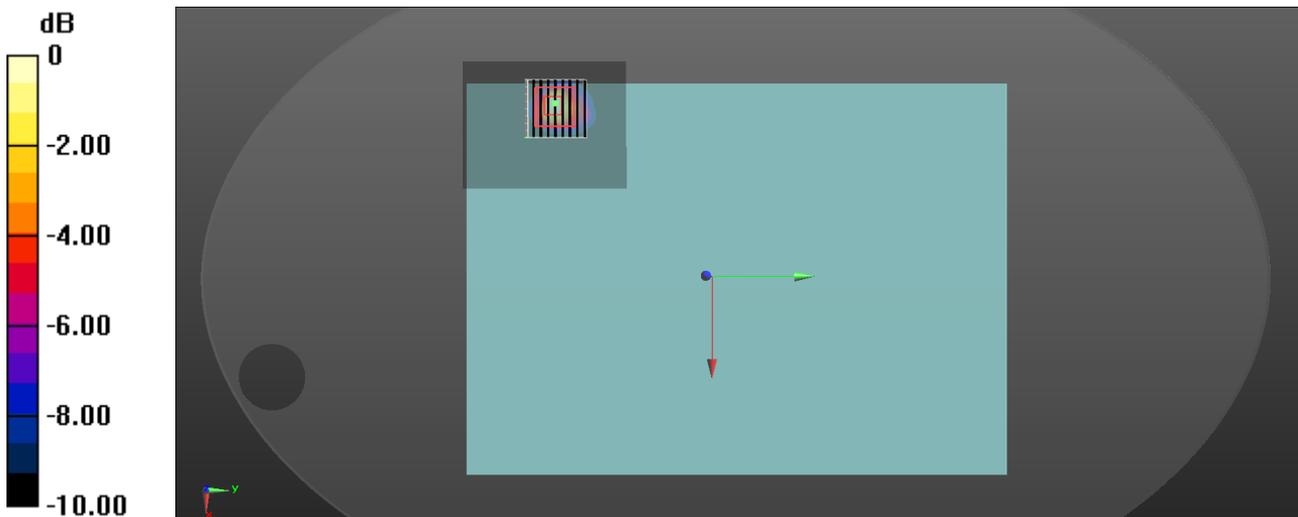
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.284$ S/m; $\epsilon_r = 35.796$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.61 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.70 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 5.06 W/kg
SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.277 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%
Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg

Date: 2022/12/20

07_WLAN 5 GHz_802.11ac_VHT80_Ch138_Bottom of laptop_0 mm_ANT Aux

DUT: UX5304V

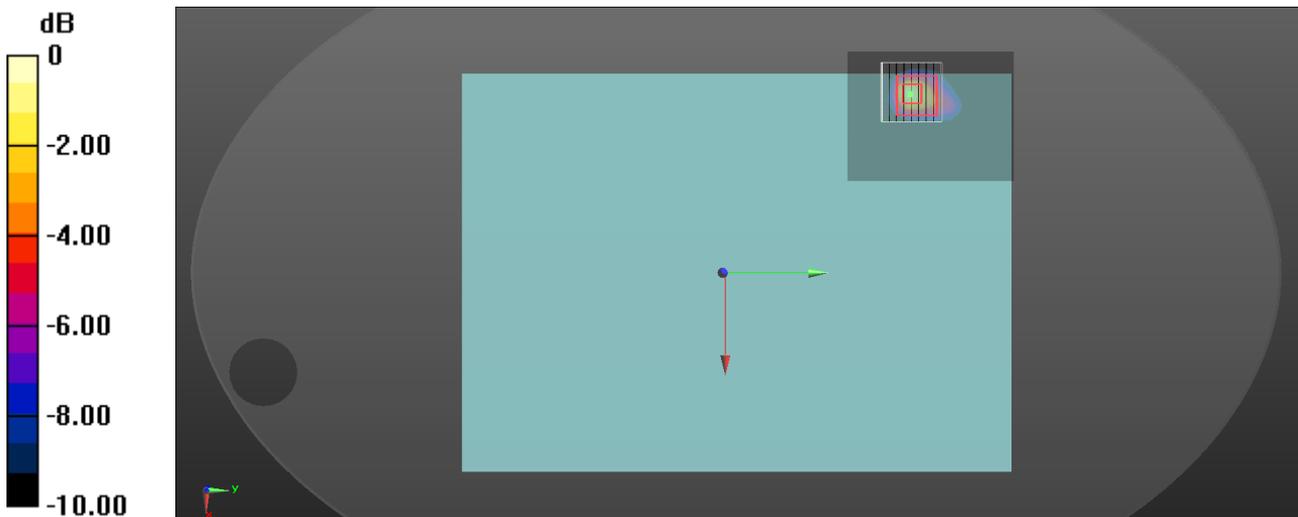
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.284$ S/m; $\epsilon_r = 35.796$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.43 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.95 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.206 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 57%
Maximum value of SAR (measured) = 2.06 W/kg



0 dB = 2.06 W/kg = 3.14 dBW/kg

Date: 2022/12/28

27_WLAN 5 GHz_802.11ac_VHT80_Ch138_Bottom of laptop_0 mm_ANT MIMO

DUT: UX5304V

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.263$ S/m; $\epsilon_r = 35.693$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.11 V/m; Power Drift = -0.01 dB

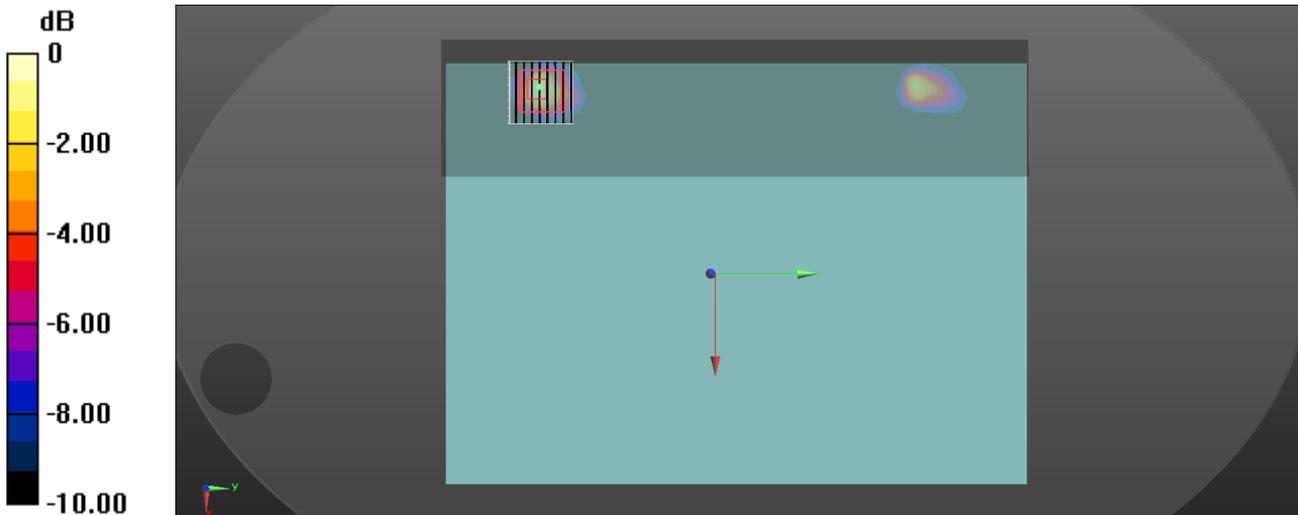
Peak SAR (extrapolated) = 5.13 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.301 W/kg

Smallest distance from peaks to all points 3 dB below = 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.62 W/kg = 4.18 dBW/kg

Date: 2022/12/20

08_WLAN 5 GHz_802.11ac_VHT80_Ch155_Bottom of laptop_0 mm_ANT Main

DUT: UX5304V

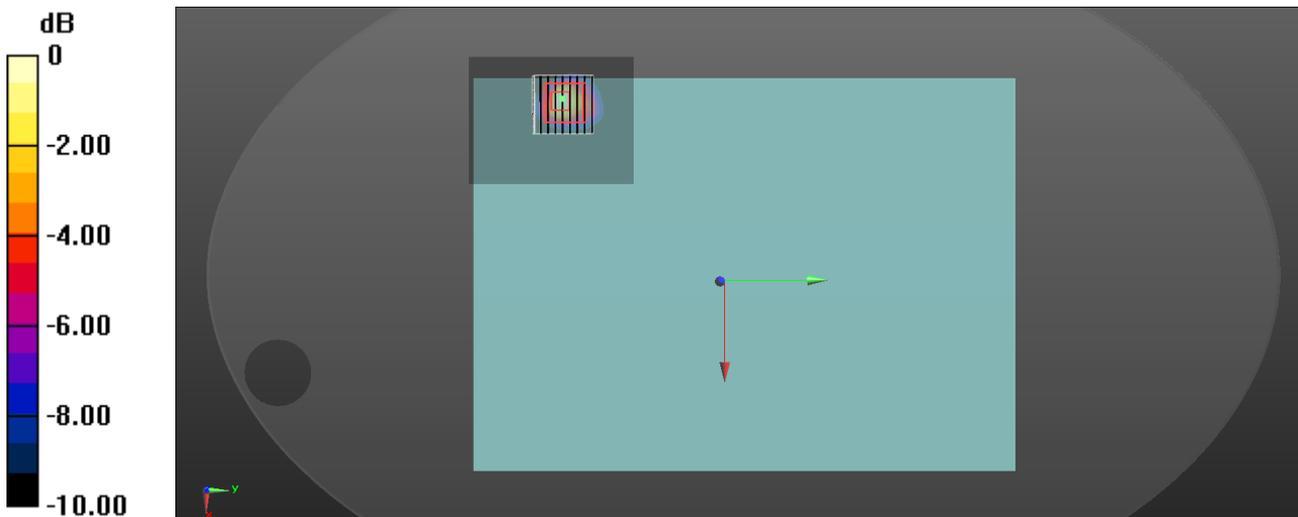
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.364$ S/m; $\epsilon_r = 35.628$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5775 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.13 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.59 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 4.11 W/kg
SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.222 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

Date: 2022/12/20

09_WLAN 5 GHz_802.11ac_VHT80_Ch155_Bottom of laptop_0 mm_ANT Aux

DUT: UX5304V

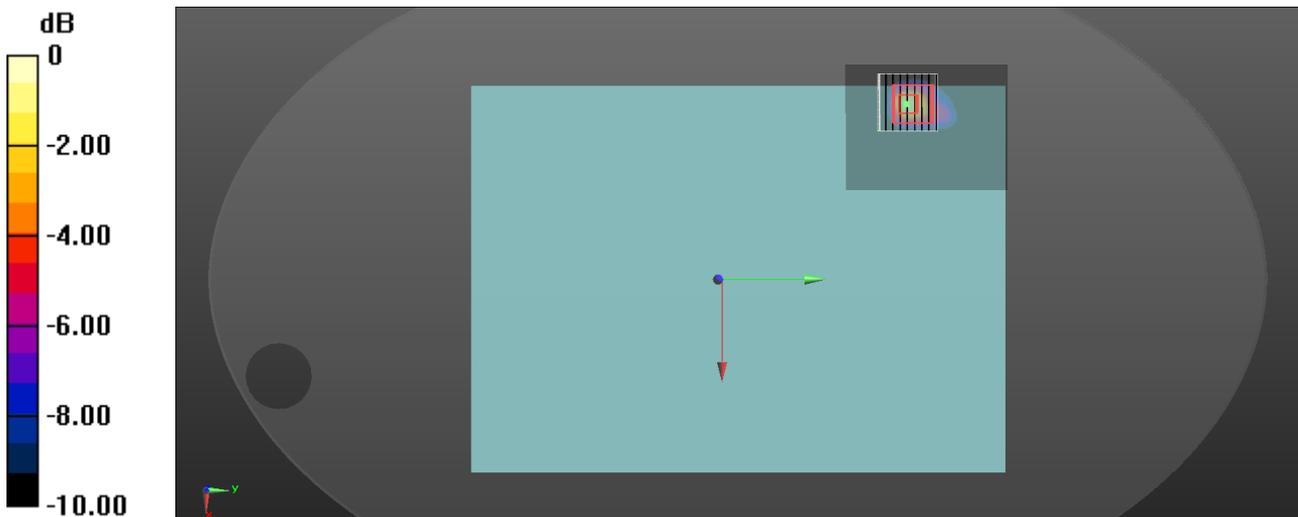
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.364$ S/m; $\epsilon_r = 35.628$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5775 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.98 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 16.19 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 4.25 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.215 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 56.4%
Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

Date: 2022/12/28

28_WLAN 5 GHz_802.11ac_VHT80_Ch155_Bottom of laptop_0 mm_ANT MIMO

DUT: UX5304V

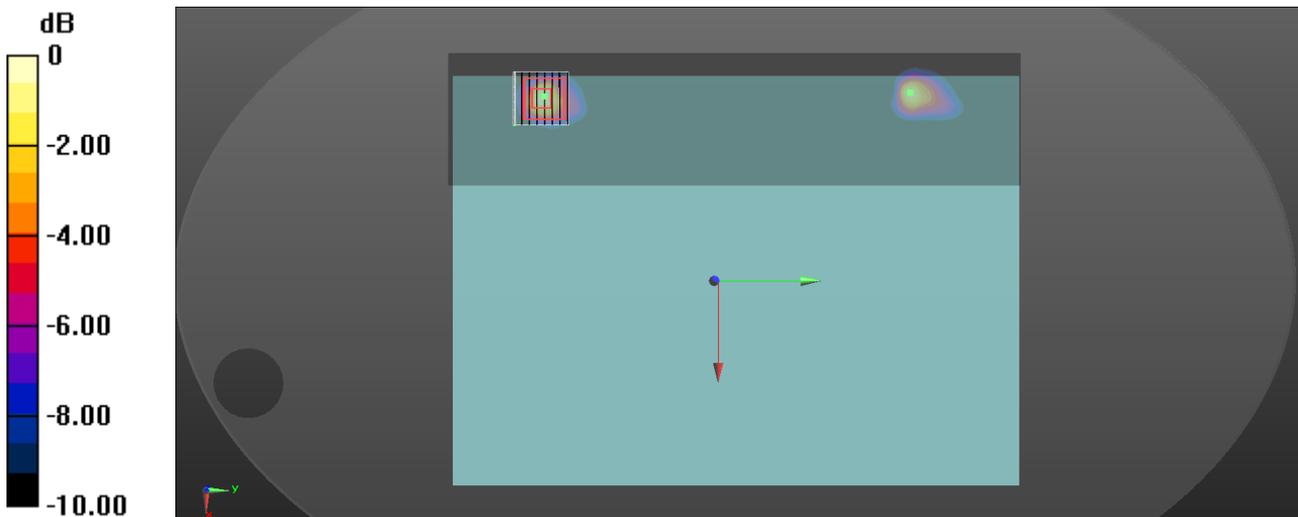
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.013
Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.343 \text{ S/m}$; $\epsilon_r = 35.526$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5775 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x301x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.39 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 18.43 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 4.81 W/kg
SAR(1 g) = 0.946 W/kg; SAR(10 g) = 0.265 W/kg
Smallest distance from peaks to all points 3 dB below = 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.3%
Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

10_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.38	34.6

Hardware Setup

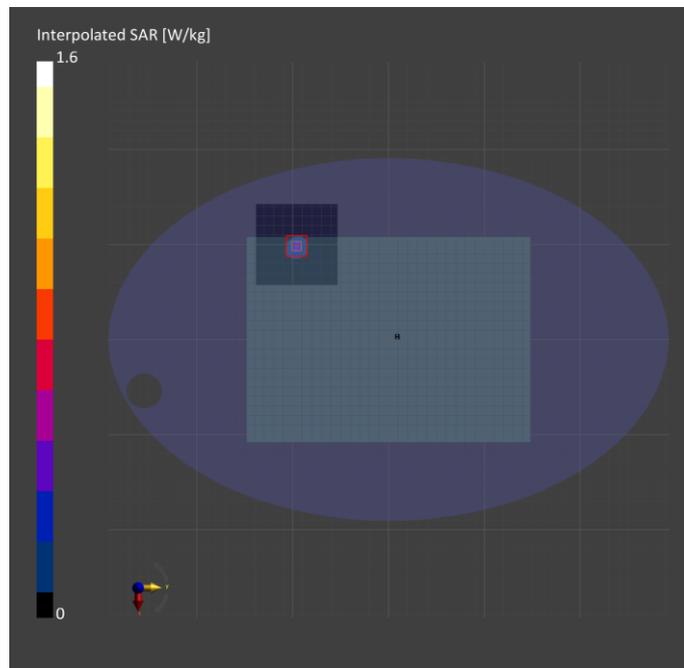
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.359	0.331
psSAR10g [W/Kg]	0.102	0.091
psPDab (1.0cm2, sq) [W/m2]		3.31
psPDab (4.0cm2, sq) [W/m2]		2.14
Power Drift [dB]	-0.13	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.1
Dist 3dB Peak [mm]		6.7



11_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.49	34.6

Hardware Setup

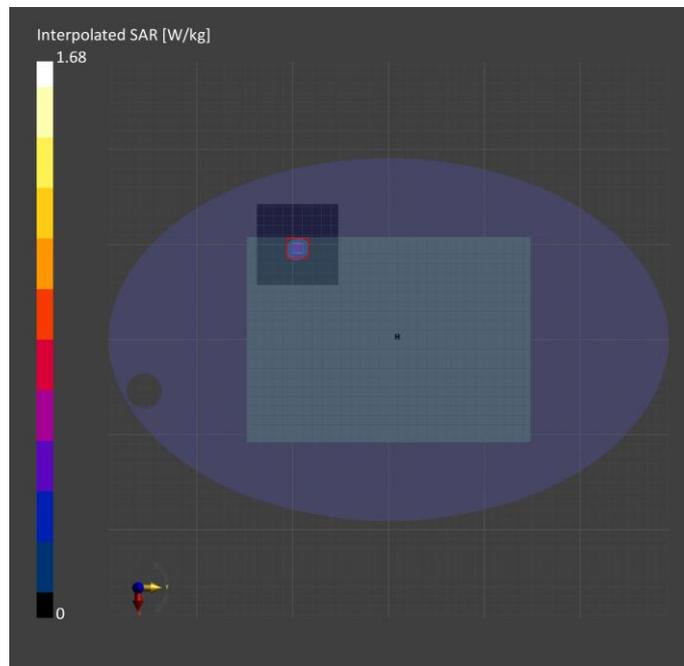
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.364	0.338
psSAR10g [W/Kg]	0.105	0.091
psPDab (1.0cm2, sq) [W/m2]		3.38
psPDab (4.0cm2, sq) [W/m2]		2.17
Power Drift [dB]	-0.10	0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.4
Dist 3dB Peak [mm]		6.7



12_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	5.95	33.8

Hardware Setup

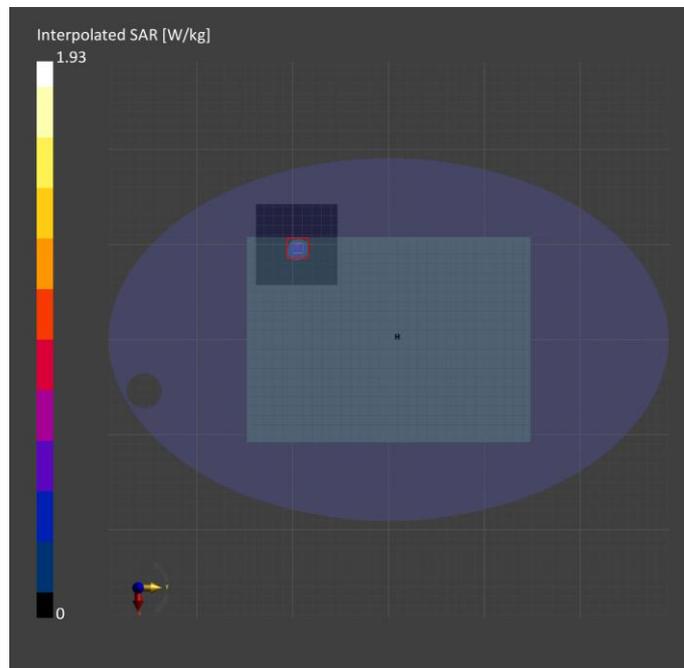
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.382	0.362
psSAR10g [W/Kg]	0.111	0.099
psPDab (1.0cm2, sq) [W/m2]		3.62
psPDab (4.0cm2, sq) [W/m2]		2.34
Power Drift [dB]	0.08	-0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.9
Dist 3dB Peak [mm]		6.7



13_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.16	33.3

Hardware Setup

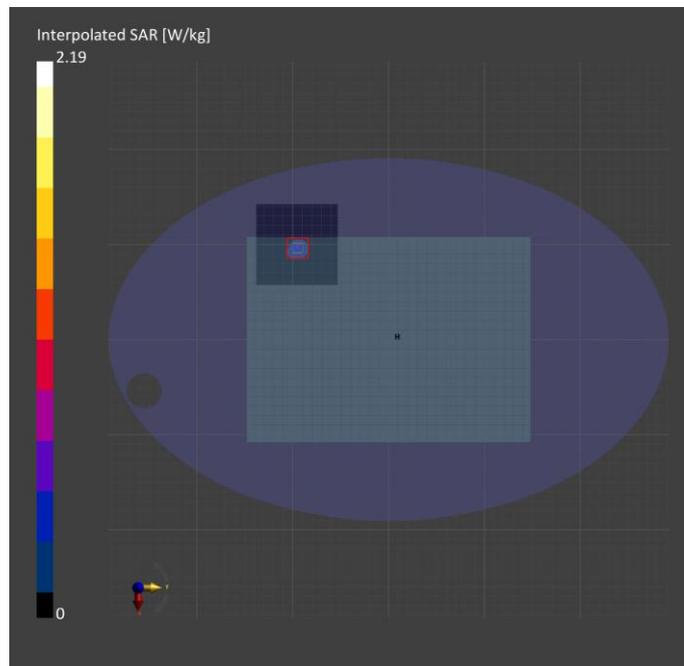
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.425	0.398
psSAR10g [W/Kg]	0.121	0.106
psPDab (1.0cm2, sq) [W/m2]		3.98
psPDab (4.0cm2, sq) [W/m2]		2.52
Power Drift [dB]	0.10	-0.07
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.2
Dist 3dB Peak [mm]		6.1



14_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.49	32.8

Hardware Setup

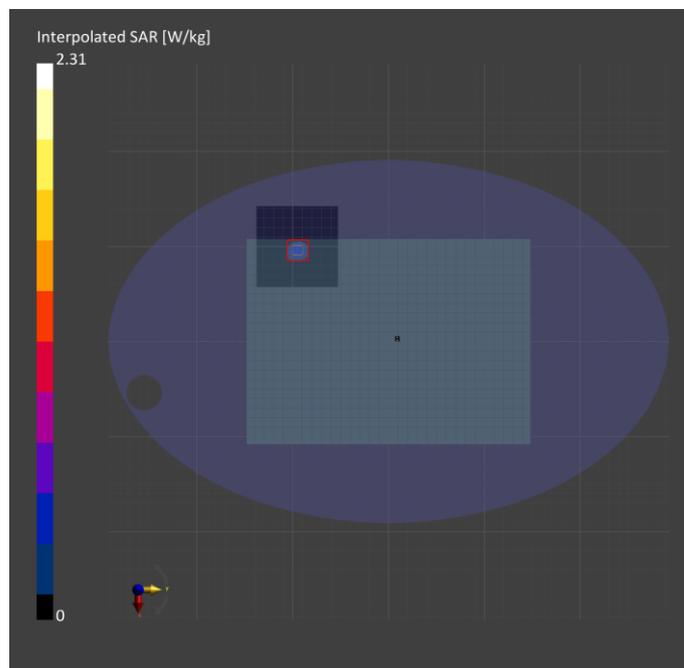
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.448	0.393
psSAR10g [W/Kg]	0.130	0.104
psPDab (1.0cm2, sq) [W/m2]		3.93
psPDab (4.0cm2, sq) [W/m2]		2.48
Power Drift [dB]	-0.11	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		43.8
Dist 3dB Peak [mm]		6.1



15_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.38	34.6

Hardware Setup

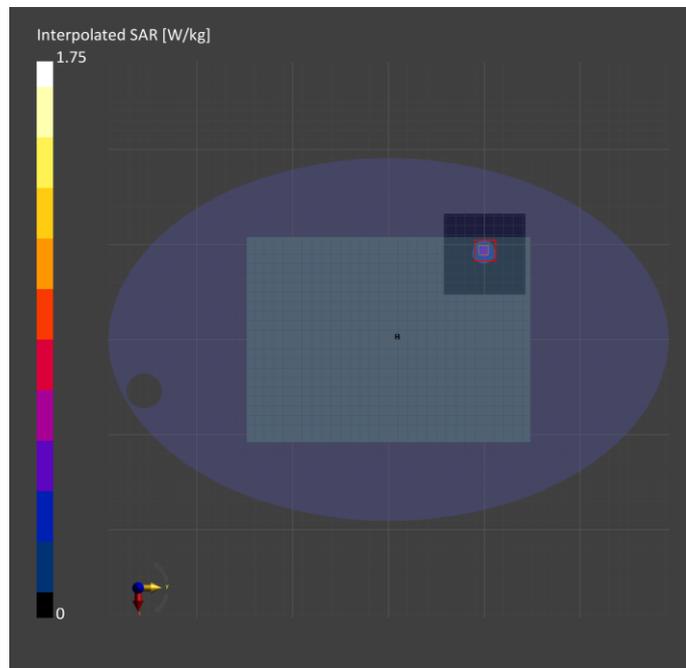
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.405	0.348
psSAR10g [W/Kg]	0.118	0.095
psPDab (1.0cm2, sq) [W/m2]		3.48
psPDab (4.0cm2, sq) [W/m2]		2.25
Power Drift [dB]	-0.03	-0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.2
Dist 3dB Peak [mm]		6.5



16_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.49	34.6

Hardware Setup

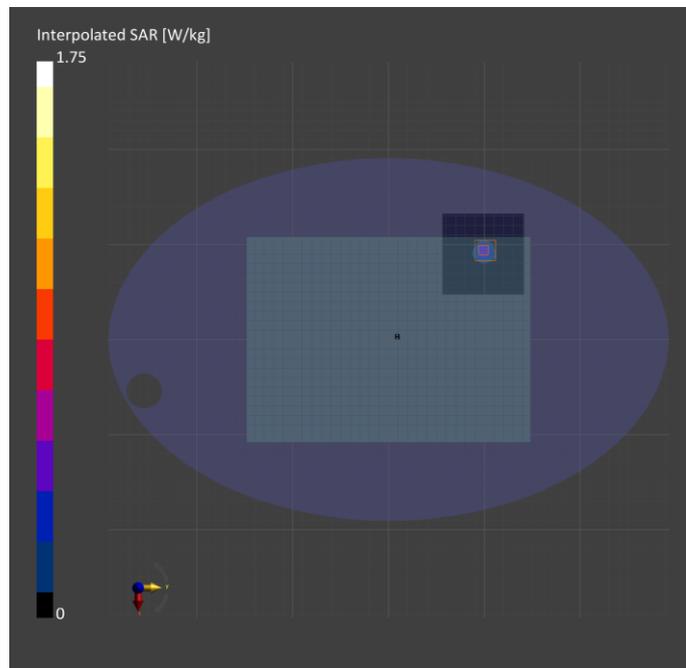
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.405	0.334
psSAR10g [W/Kg]	0.115	0.092
psPDab (1.0cm2, sq) [W/m2]		3.34
psPDab (4.0cm2, sq) [W/m2]		2.14
Power Drift [dB]	-0.01	-0.12
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.4
Dist 3dB Peak [mm]		6.3



17_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	5.95	33.8

Hardware Setup

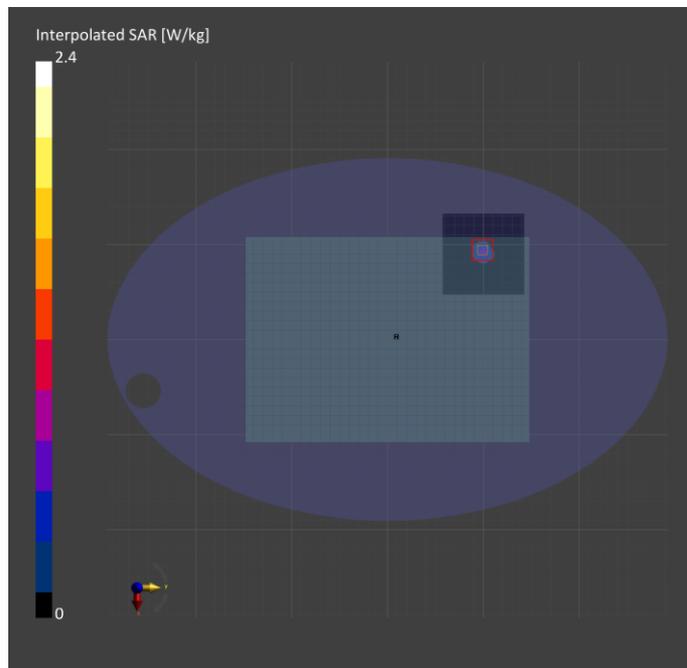
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.511	0.427
psSAR10g [W/Kg]	0.145	0.112
psPDab (1.0cm2, sq) [W/m2]		4.27
psPDab (4.0cm2, sq) [W/m2]		2.63
Power Drift [dB]	-0.16	-0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.9
Dist 3dB Peak [mm]		6.1



18_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.16	33.3

Hardware Setup

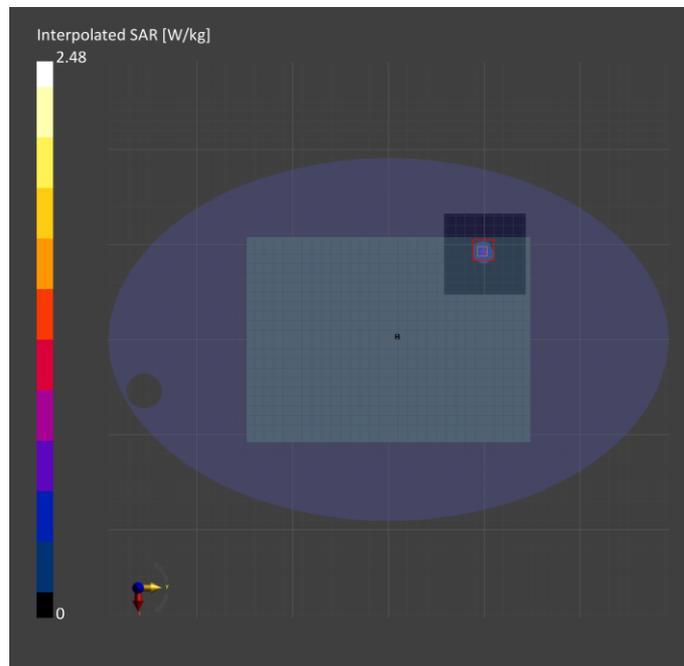
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.534	0.434
psSAR10g [W/Kg]	0.154	0.113
psPDab (1.0cm2, sq) [W/m2]		4.34
psPDab (4.0cm2, sq) [W/m2]		2.68
Power Drift [dB]	-0.07	-0.12
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.5
Dist 3dB Peak [mm]		6.2



19_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.49	32.8

Hardware Setup

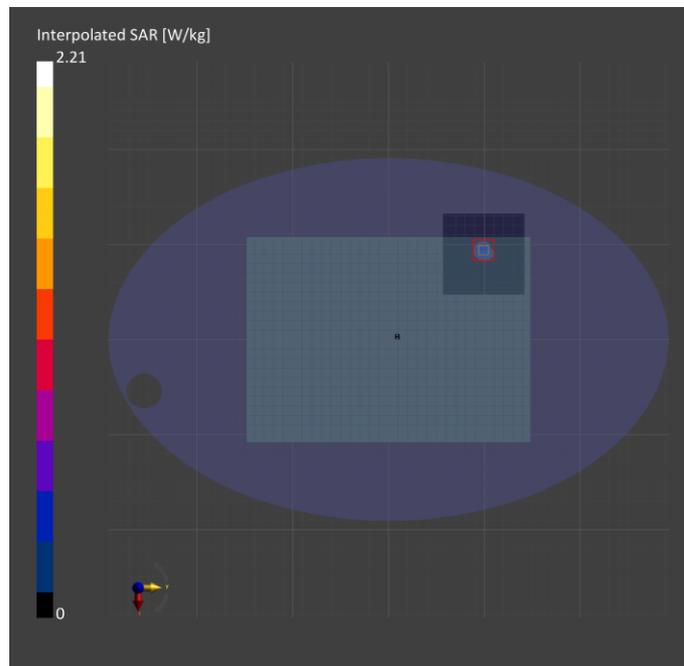
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.425	0.353
psSAR10g [W/Kg]	0.118	0.089
psPDab (1.0cm2, sq) [W/m2]		3.53
psPDab (4.0cm2, sq) [W/m2]		2.11
Power Drift [dB]	0.01	-0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		43.2
Dist 3dB Peak [mm]		5.6



20_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.38	34.6

Hardware Setup

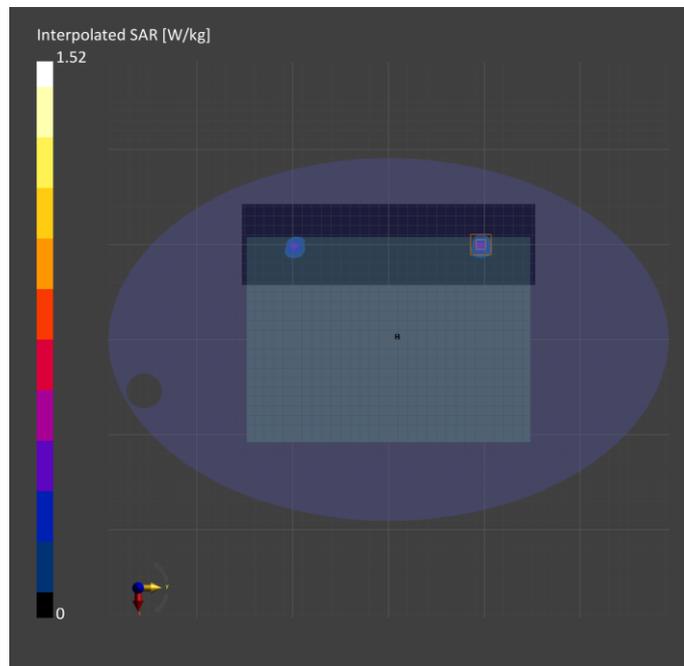
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.324	0.309
psSAR10g [W/Kg]	0.092	0.085
psPDab (1.0cm2, sq) [W/m2]		3.09
psPDab (4.0cm2, sq) [W/m2]		1.98
Power Drift [dB]	0.01	-0.00
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.5
Dist 3dB Peak [mm]		6.5



21_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.49	34.6

Hardware Setup

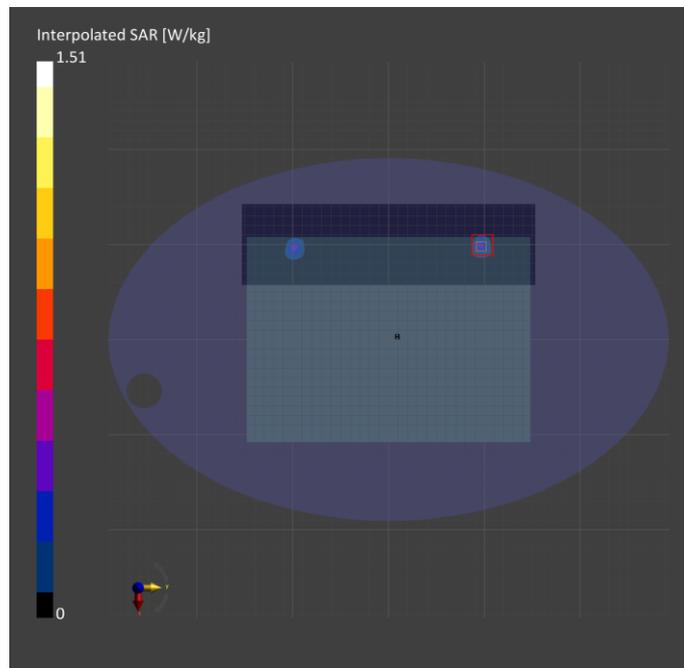
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.306	0.297
psSAR10g [W/Kg]	0.088	0.081
psPDab (1.0cm2, sq) [W/m2]		2.97
psPDab (4.0cm2, sq) [W/m2]		1.91
Power Drift [dB]	0.04	0.03
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.4
Dist 3dB Peak [mm]		6.8



22_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	5.95	33.8

Hardware Setup

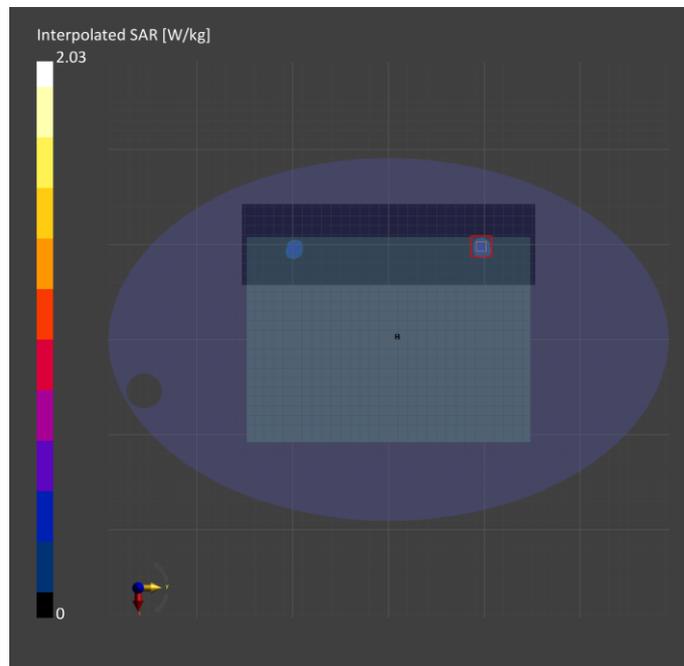
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.371	0.368
psSAR10g [W/Kg]	0.103	0.097
psPDab (1.0cm2, sq) [W/m2]		3.68
psPDab (4.0cm2, sq) [W/m2]		2.31
Power Drift [dB]	0.03	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.1
Dist 3dB Peak [mm]		6.1



23_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.16	33.3

Hardware Setup

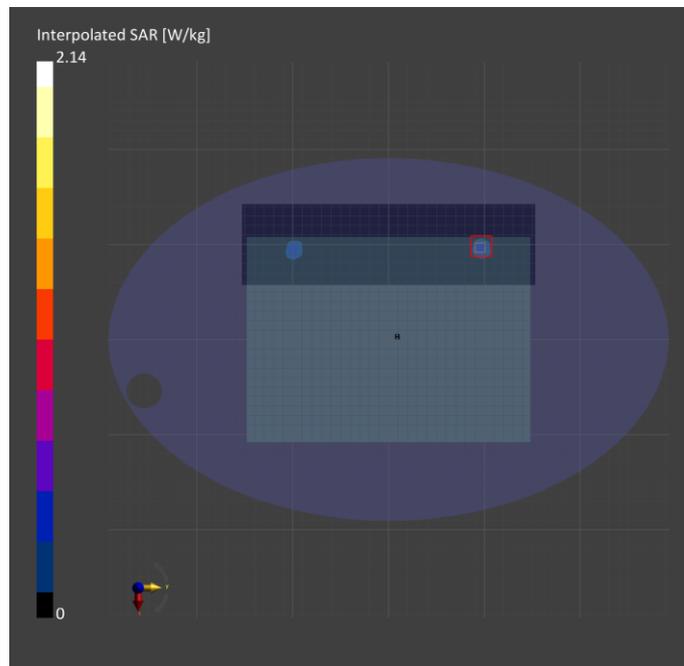
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.382	0.372
psSAR10g [W/Kg]	0.108	0.098
psPDab (1.0cm2, sq) [W/m2]		3.72
psPDab (4.0cm2, sq) [W/m2]		2.30
Power Drift [dB]	0.09	0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.6
Dist 3dB Peak [mm]		6.1



24_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.49	32.8

Hardware Setup

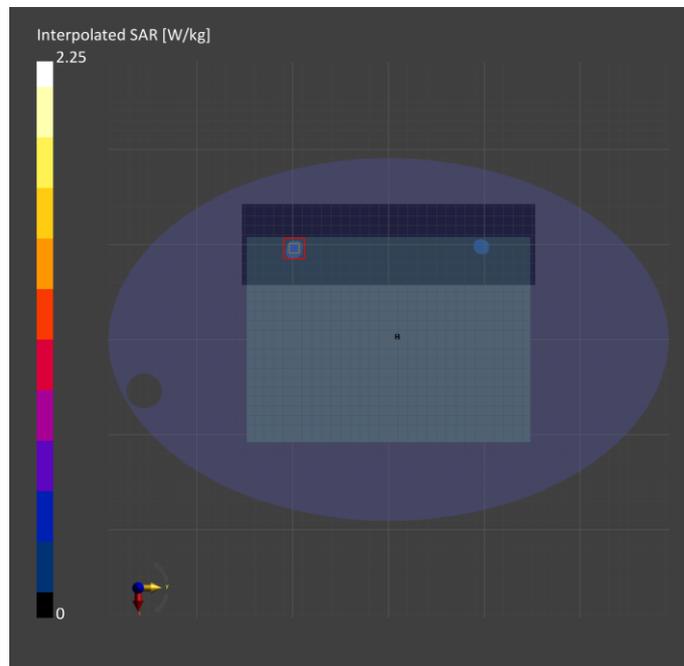
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 306.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-22	2022-12-22
psSAR1g [W/Kg]	0.345	0.405
psSAR10g [W/Kg]	0.098	0.108
psPDab (1.0cm2, sq) [W/m2]		4.05
psPDab (4.0cm2, sq) [W/m2]		2.56
Power Drift [dB]	0.13	0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		44.7
Dist 3dB Peak [mm]		6.3



100_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

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

Hardware Setup

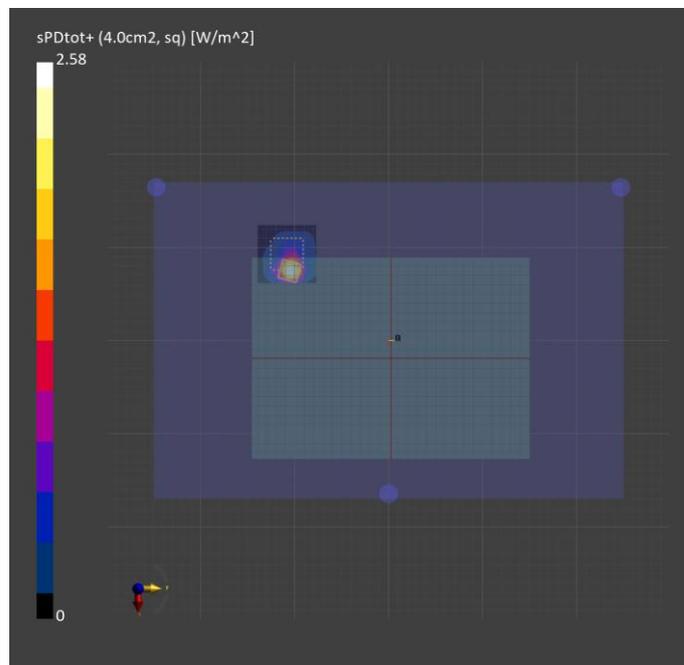
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.844
psPDtot+ [W/m ²]	2.51
psPDmod+ [W/m ²]	4.07
E _{max} [V/m]	42.0
H _{max} [A/m]	0.352
Power Drift [dB]	-0.03



101_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

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

Hardware Setup

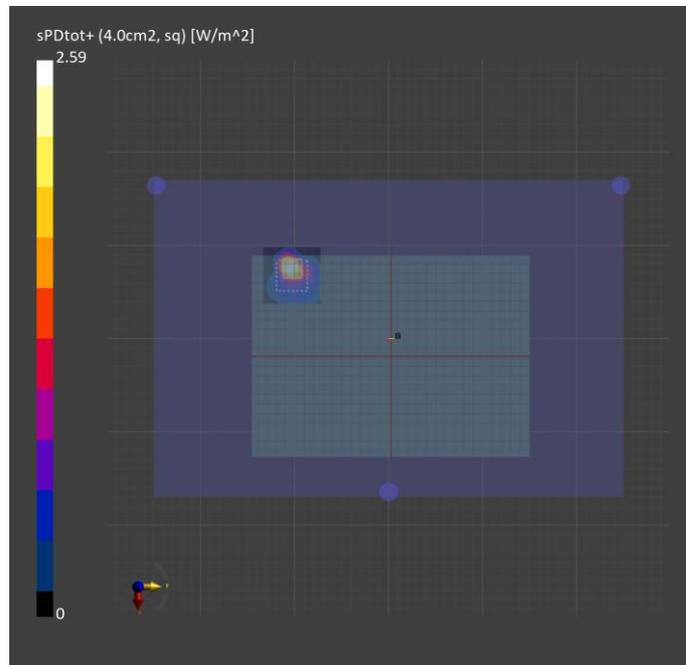
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.13
psPDtot+ [W/m ²]	2.57
psPDmod+ [W/m ²]	4.48
E _{max} [V/m]	41.4
H _{max} [A/m]	0.463
Power Drift [dB]	0.07



102_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

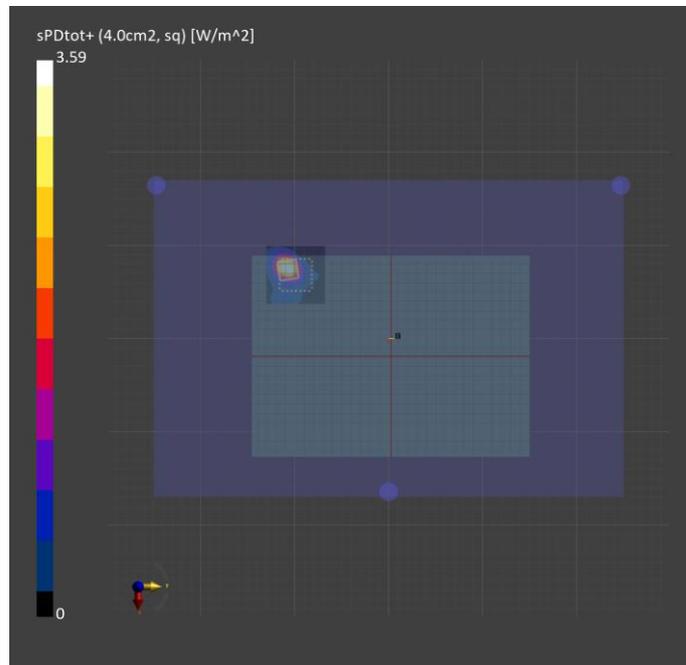
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.97
psPDtot+ [W/m ²]	3.57
psPDmod+ [W/m ²]	4.65
E _{max} [V/m]	42.6
H _{max} [A/m]	0.321
Power Drift [dB]	-0.11



103_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

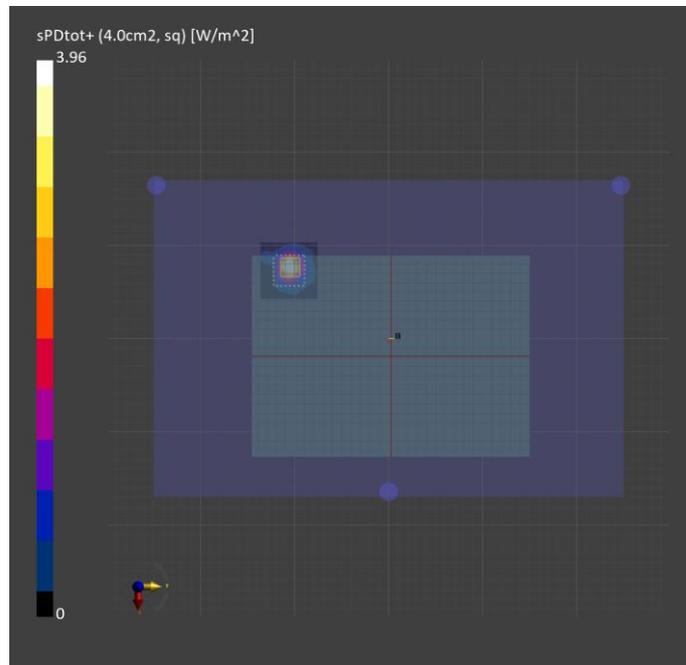
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.03
psPDtot+ [W/m ²]	3.89
psPDmod+ [W/m ²]	6.30
E _{max} [V/m]	50.8
H _{max} [A/m]	0.354
Power Drift [dB]	0.07



104_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2 mm_ANT Main

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

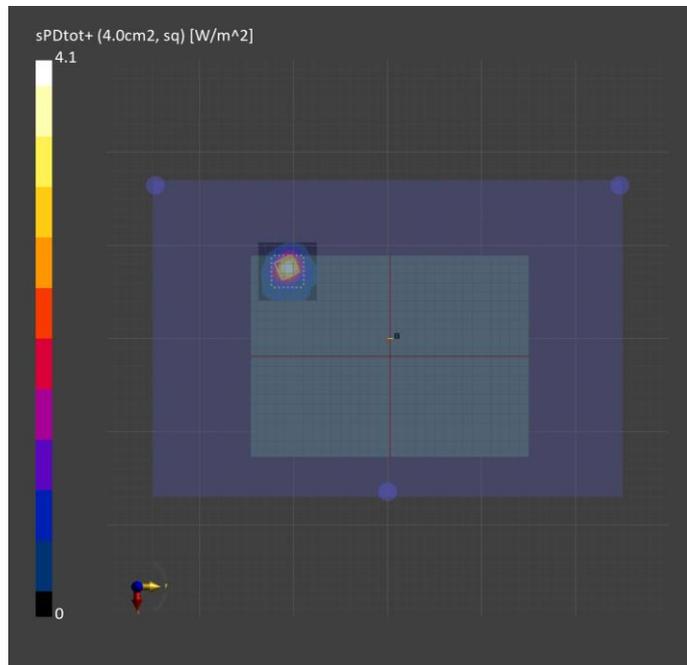
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.16
psPDtot+ [W/m ²]	4.08
psPDmod+ [W/m ²]	5.69
E _{max} [V/m]	51.8
H _{max} [A/m]	0.387
Power Drift [dB]	-0.00



106_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

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

Hardware Setup

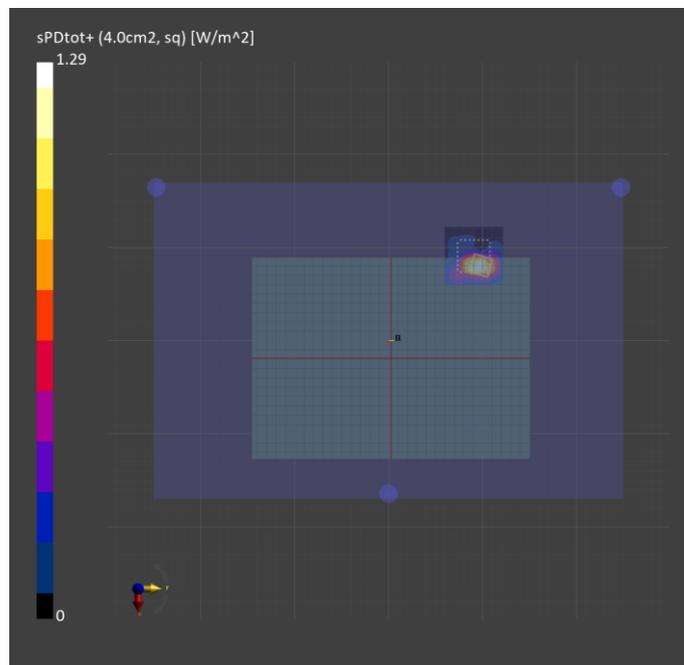
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.624
psPDtot+ [W/m ²]	1.24
psPDmod+ [W/m ²]	2.00
E _{max} [V/m]	35.6
H _{max} [A/m]	0.310
Power Drift [dB]	-0.04



107_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

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

Hardware Setup

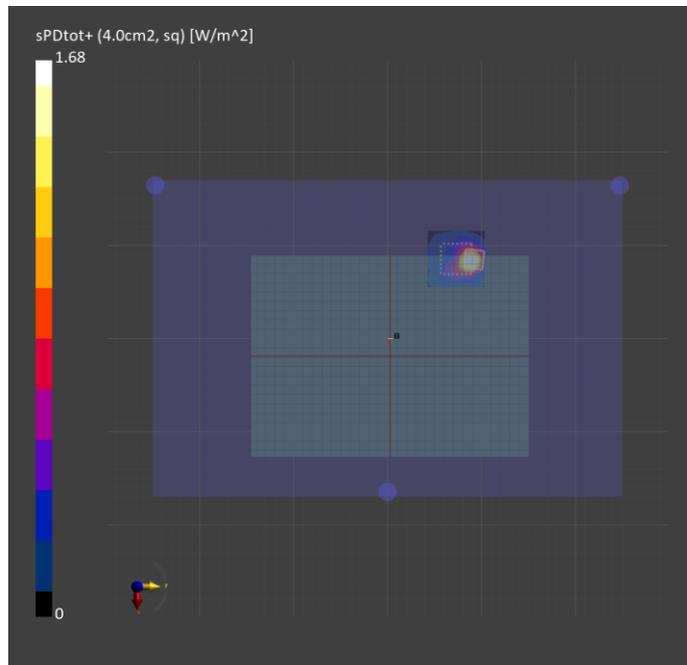
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.777
psPDtot+ [W/m ²]	1.67
psPDmod+ [W/m ²]	2.14
E _{max} [V/m]	31.9
H _{max} [A/m]	0.267
Power Drift [dB]	-0.09



108_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

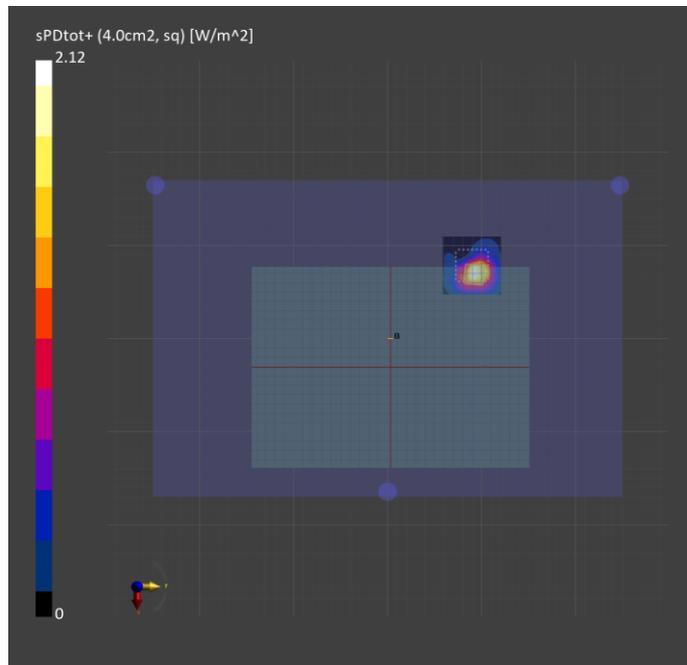
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.16
psPDtot+ [W/m ²]	2.10
psPDmod+ [W/m ²]	3.09
E _{max} [V/m]	38.1
H _{max} [A/m]	0.328
Power Drift [dB]	0.18



109_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

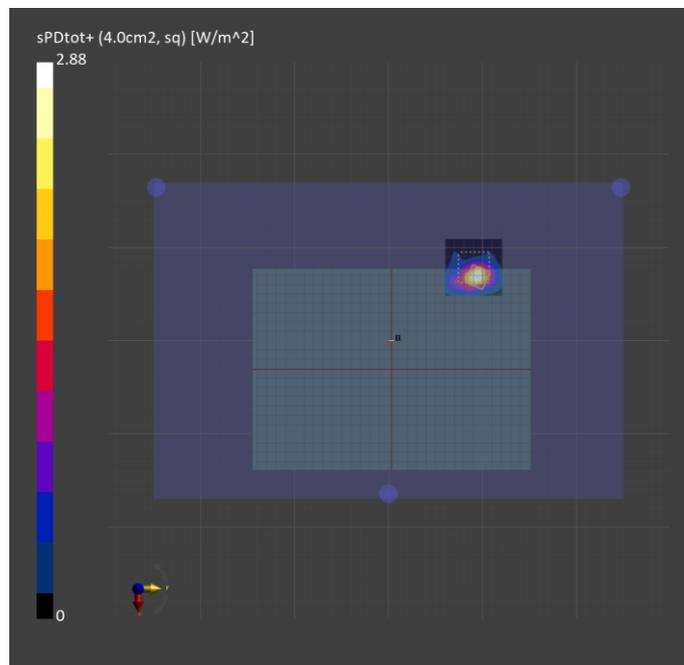
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	---Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.37
psPDtot+ [W/m ²]	2.80
psPDmod+ [W/m ²]	3.51
E _{max} [V/m]	42.4
H _{max} [A/m]	0.228
Power Drift [dB]	-0.02



110_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2 mm_ANT Aux

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

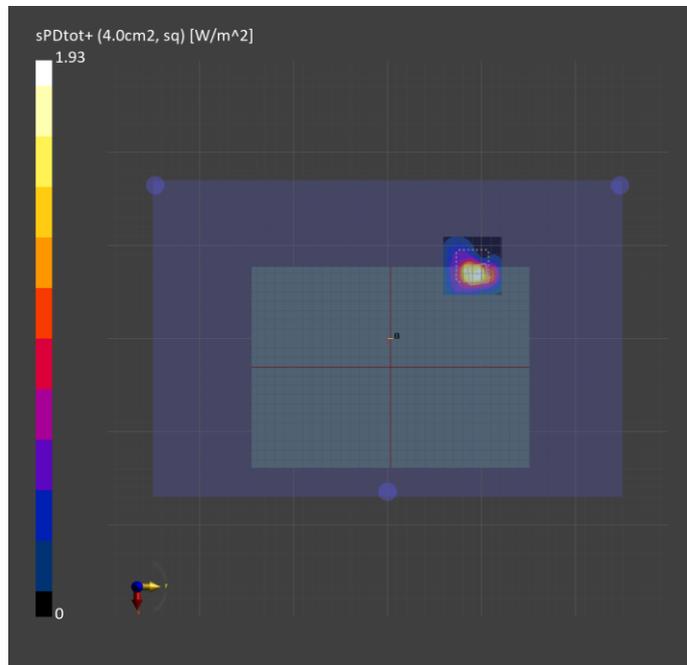
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-23
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.857
psPDtot+ [W/m ²]	1.89
psPDmod+ [W/m ²]	3.04
E _{max} [V/m]	38.9
H _{max} [A/m]	0.345
Power Drift [dB]	0.18



111_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

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

Hardware Setup

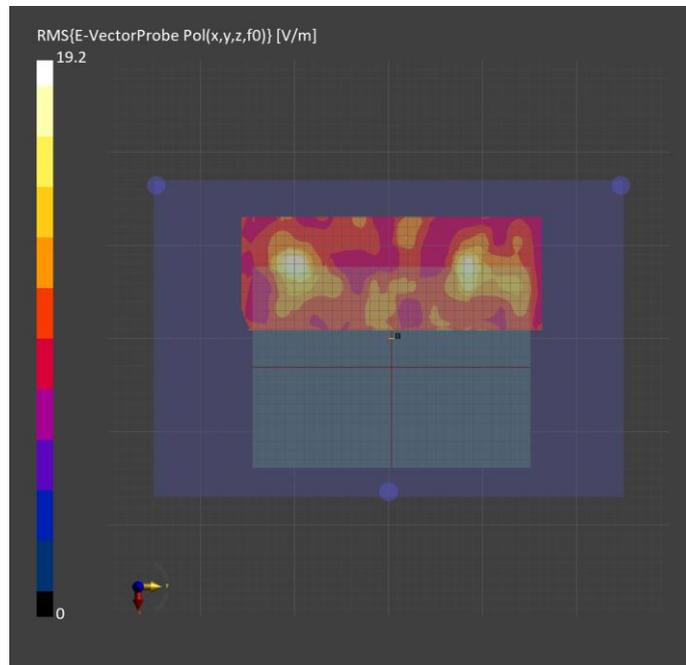
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.920
psPDtot+ [W/m ²]	1.82
psPDmod+ [W/m ²]	2.55
E _{max} [V/m]	34.9
H _{max} [A/m]	0.315
Power Drift [dB]	0.13



112_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

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

Hardware Setup

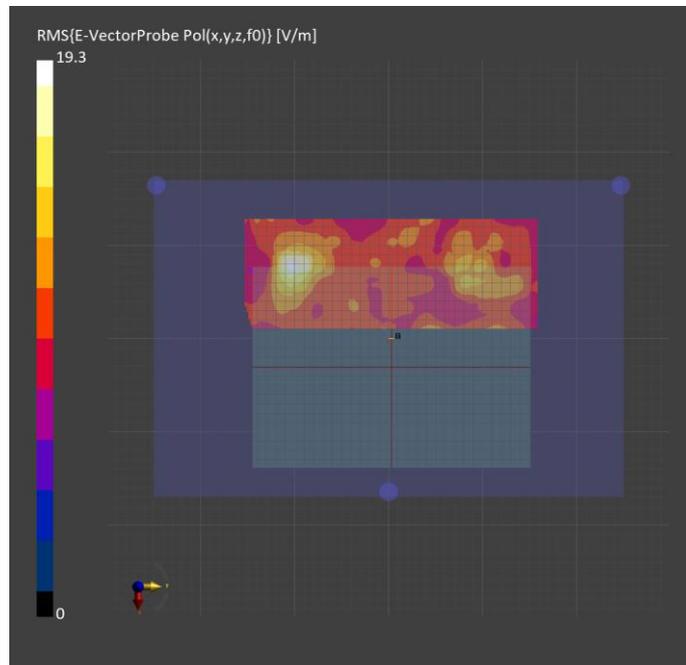
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.47
psPDtot+ [W/m ²]	2.53
psPDmod+ [W/m ²]	4.23
E _{max} [V/m]	43.3
H _{max} [A/m]	0.502
Power Drift [dB]	0.13



113_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

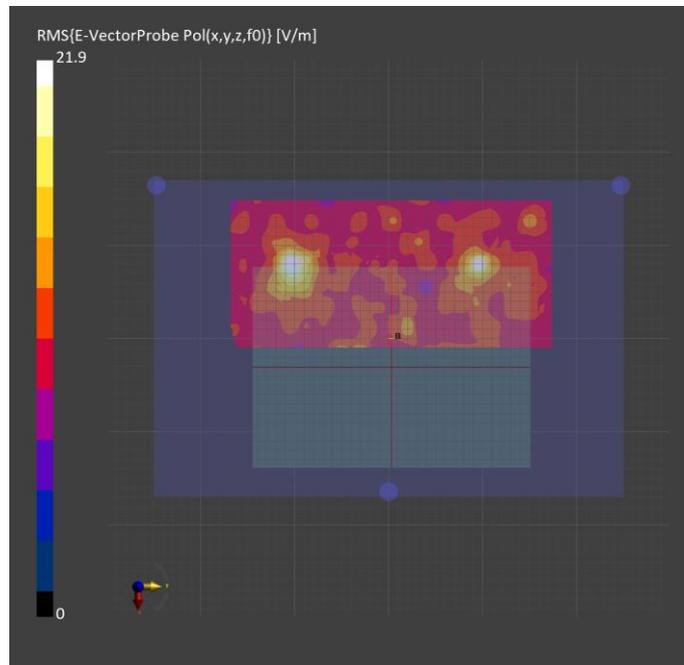
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.19
psPDtot+ [W/m ²]	2.34
psPDmod+ [W/m ²]	3.77
E _{max} [V/m]	43.0
H _{max} [A/m]	0.314
Power Drift [dB]	0.06



114_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

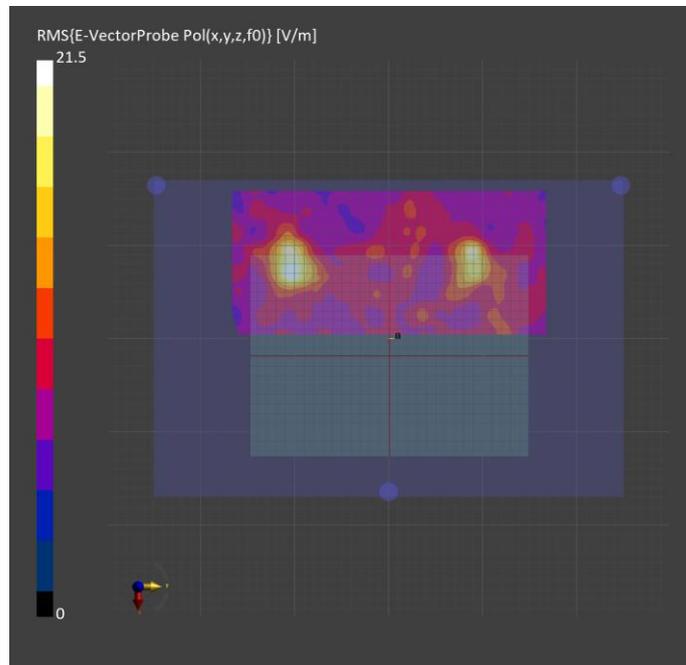
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.58
psPDtot+ [W/m ²]	2.85
psPDmod+ [W/m ²]	4.06
E _{max} [V/m]	43.6
H _{max} [A/m]	0.292
Power Drift [dB]	0.13



115_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2 mm_ANT MIMO

Device under Test Properties

Model: UX5304V

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of laptop, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-12-26
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.11
psPDtot+ [W/m ²]	3.28
psPDmod+ [W/m ²]	6.21
E _{max} [V/m]	48.2
H _{max} [A/m]	0.503
Power Drift [dB]	0.10

