

Appendix C - SAR System Performance Check Plots

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/31

26_WLAN 2.4 GHz_802.11b_Ch6_Bottom of laptop_0mm_Ant Main0

DUT: UX7602Z, BX7602Z, RX7602Z

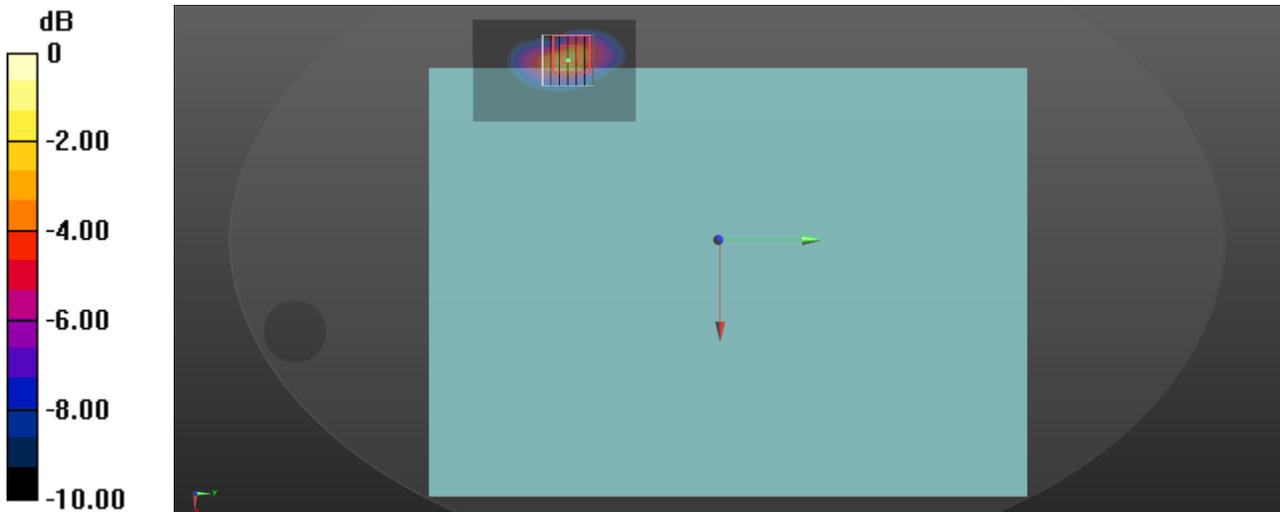
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1.001
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.799$ S/m; $\epsilon_r = 39.431$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(7.59, 7.59, 7.59) @ 2437 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.34 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.27 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.365 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 46.3%
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/31

27_WLAN 2.4 GHz_802.11b_Ch1_Bottom of laptop_0mm_Ant Aux

DUT: UX7602Z, BX7602Z, RX7602Z

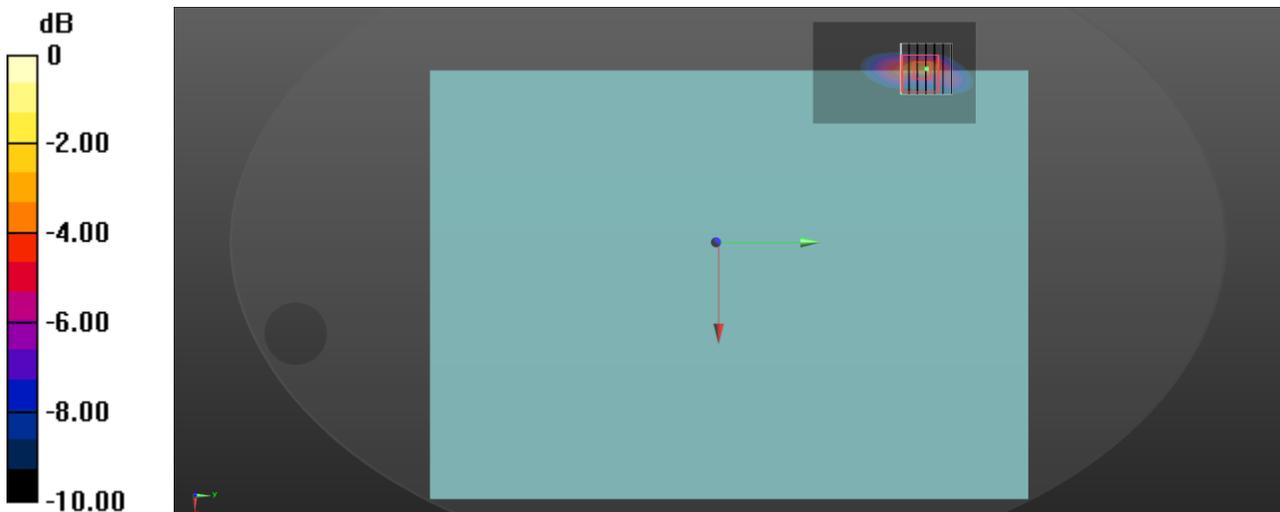
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.001
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.772$ S/m; $\epsilon_r = 39.527$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(7.59, 7.59, 7.59) @ 2412 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.52 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.00 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.380 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 36.2%
Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/31

28_Bluetooth_Ch39_Bottom of laptop_0mm_Ant Aux

DUT: UX7602Z, BX7602Z, RX7602Z

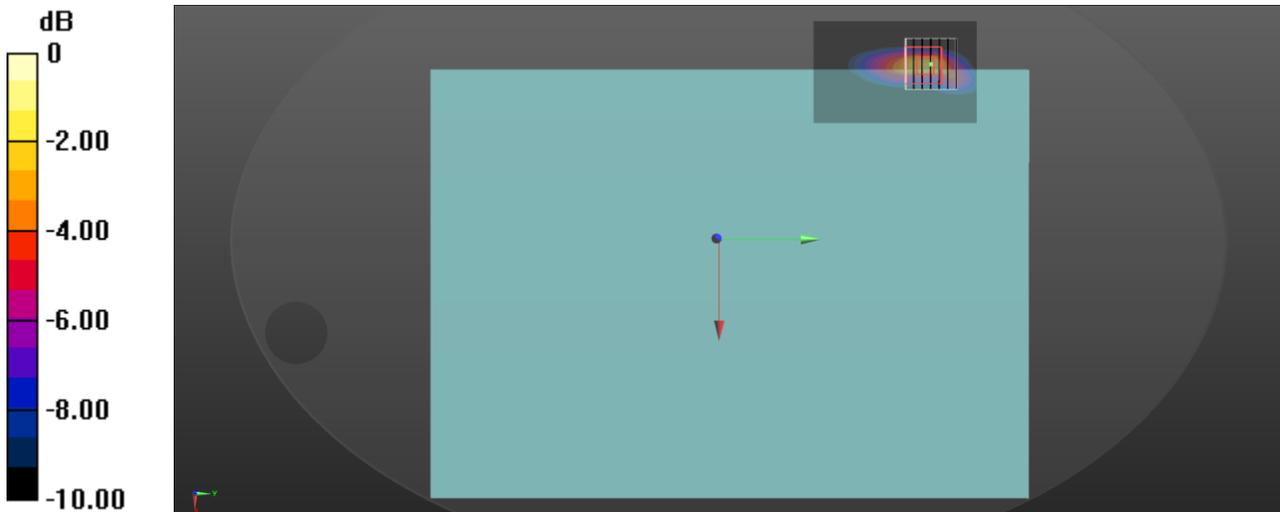
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.287
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.417$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(7.59, 7.59, 7.59) @ 2441 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.284 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.84 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.578 W/kg
SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.067 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 40.4%
Maximum value of SAR (measured) = 0.361 W/kg



0 dB = 0.361 W/kg = -4.42 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/29

20_WLAN 5 GHz_802.11ac VHT160_Ch50_Bottom of laptop_0mm_ANT Main0

DUT: UX7602Z, BX7602Z, RX7602Z

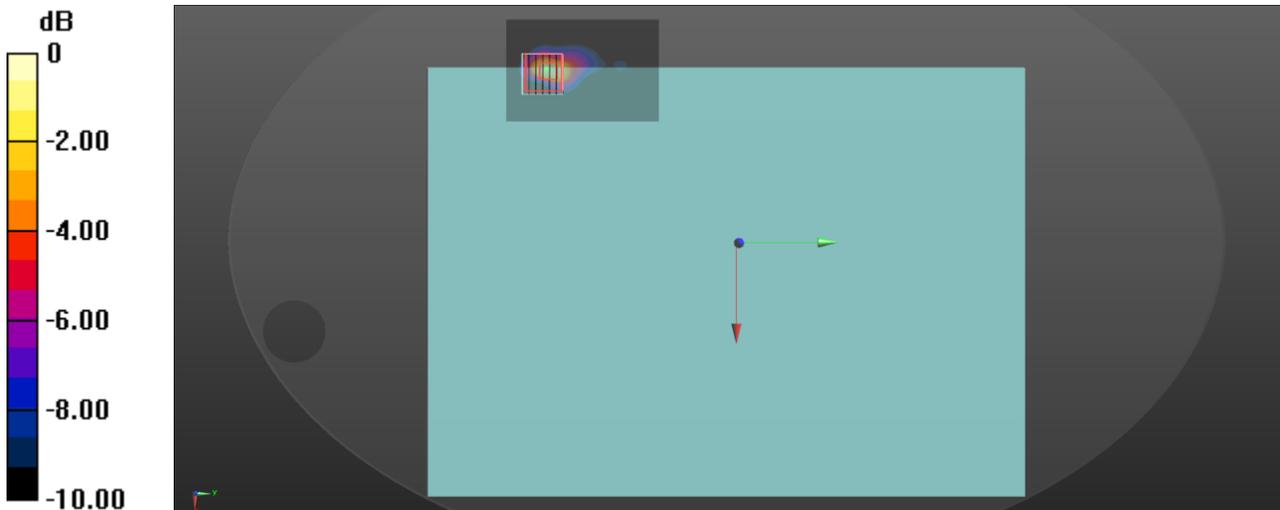
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.018
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.706$ S/m; $\epsilon_r = 36.553$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.98 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.84 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.43 W/kg
SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.201 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.7%
Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/29

21_WLAN 5 GHz_802.11ac VHT160_Ch50_Bottom of laptop_0mm_ANT Aux

DUT: UX7602Z, BX7602Z, RX7602Z

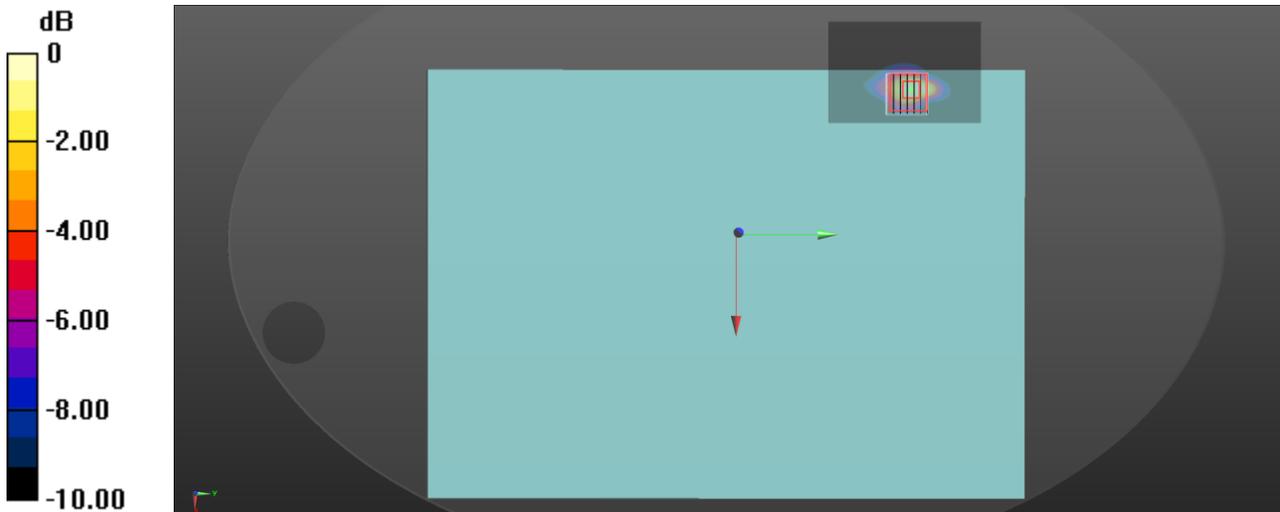
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT160 (0); Frequency: 5250 MHz;Duty Cycle: 1:1.018
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.706$ S/m; $\epsilon_r = 36.553$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(5.34, 5.34, 5.34) @ 5250 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.55 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.20 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 4.47 W/kg
SAR(1 g) = 0.994 W/kg; SAR(10 g) = 0.293 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 2.46 W/kg



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

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/29

22_WLAN 5 GHz_802.11ac VHT80_Ch138_Bottom of laptop_0mm_ANT Main0

DUT: UX7602Z, BX7602Z, RX7602Z

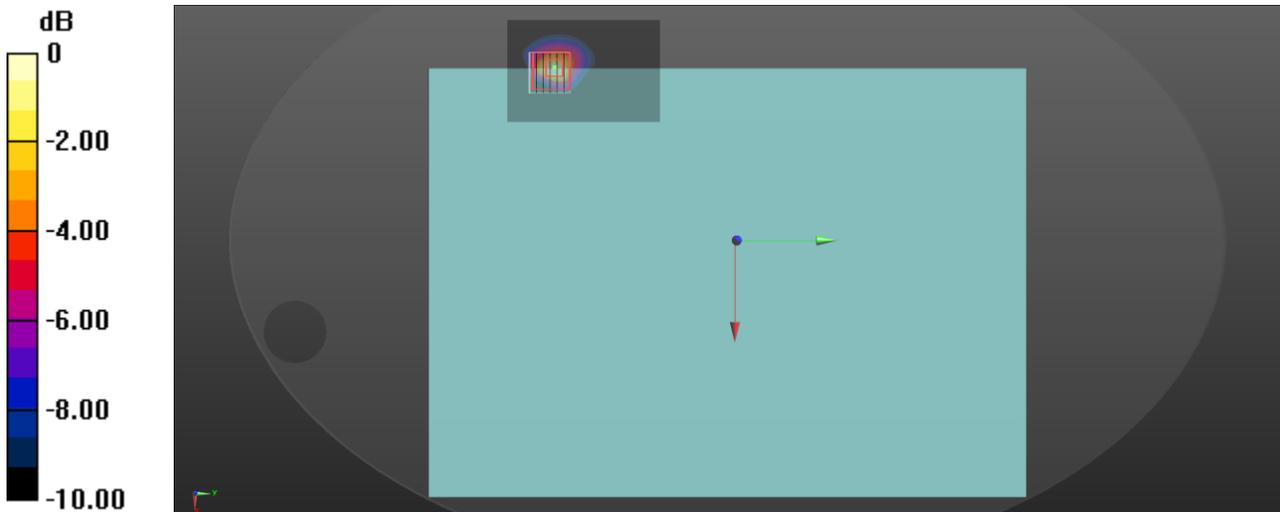
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.015
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.156$ S/m; $\epsilon_r = 35.706$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(5, 5, 5) @ 5690 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.63 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.99 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.96 W/kg
SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.254 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 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

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/30

23_WLAN 5 GHz_802.11ac VHT80_Ch138_Bottom of laptop_0mm_ANT Aux

DUT: UX7602Z, BX7602Z, RX7602Z

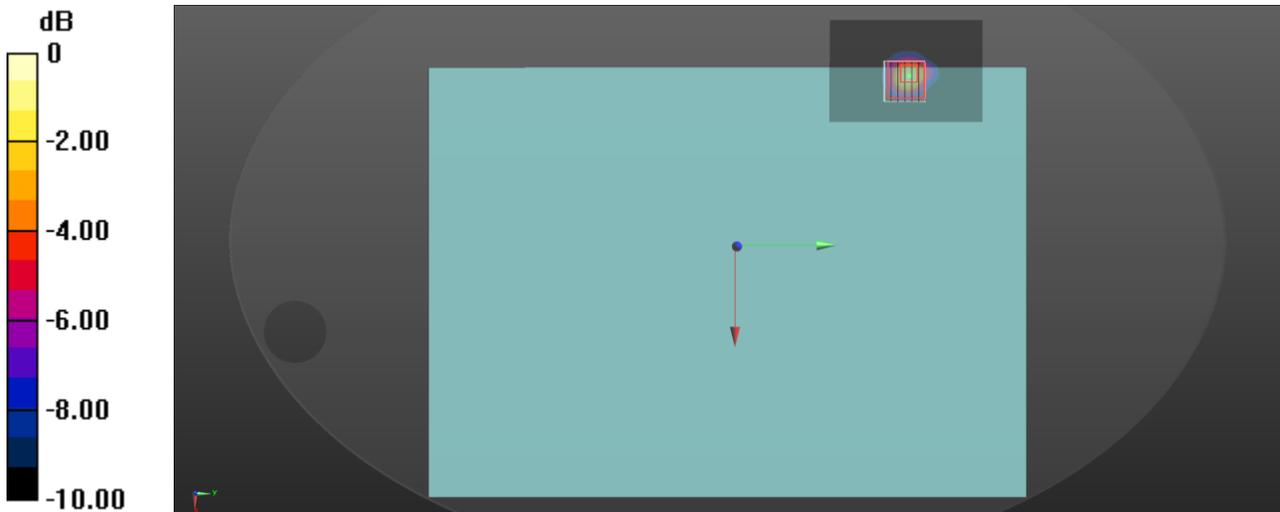
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.015
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.135$ S/m; $\epsilon_r = 35.603$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(5, 5, 5) @ 5690 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.05 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.50 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 4.63 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.237 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 57.8%
Maximum value of SAR (measured) = 2.46 W/kg



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

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/29

24_WLAN 5 GHz_802.11n HT40_Ch159_Bottom of laptop_0mm_ANT Main0

DUT: UX7602Z, BX7602Z, RX7602Z

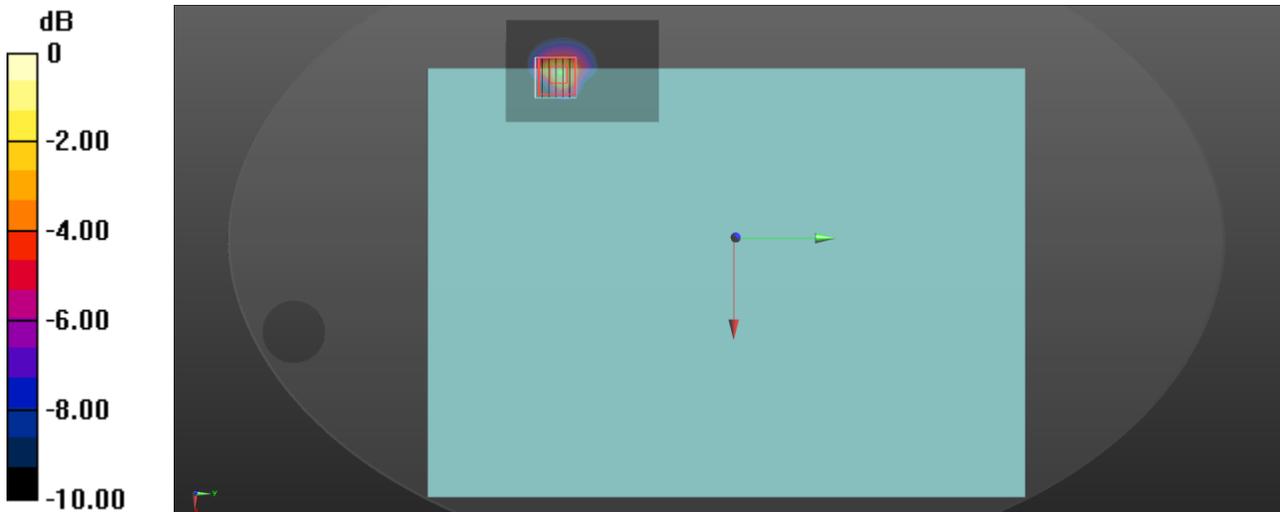
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.011
Medium parameters used: $f = 5795 \text{ MHz}$; $\sigma = 5.256 \text{ S/m}$; $\epsilon_r = 35.51$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(5, 5, 5) @ 5795 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.50 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 20.36 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 5.40 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.304 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 57.8%
Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2021/12/30

25_WLAN 5 GHz_802.11ac VHT80_Ch155_Bottom of laptop_0mm_ANT Aux

DUT: UX7602Z, BX7602Z, RX7602Z

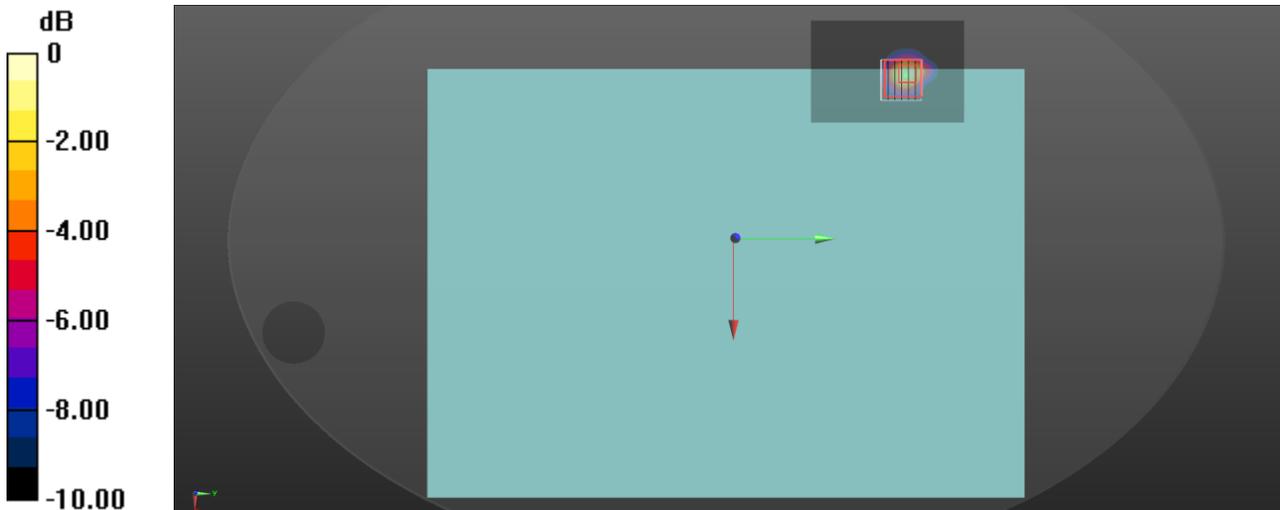
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.015
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.213$ S/m; $\epsilon_r = 35.435$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN3847; ConvF(5, 5, 5) @ 5775 MHz; Calibrated: 2021/3/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.39 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.84 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 4.85 W/kg
SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.240 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.9%
Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

01_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_0mm_ANT Main0

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	5.59	35.6

Hardware Setup

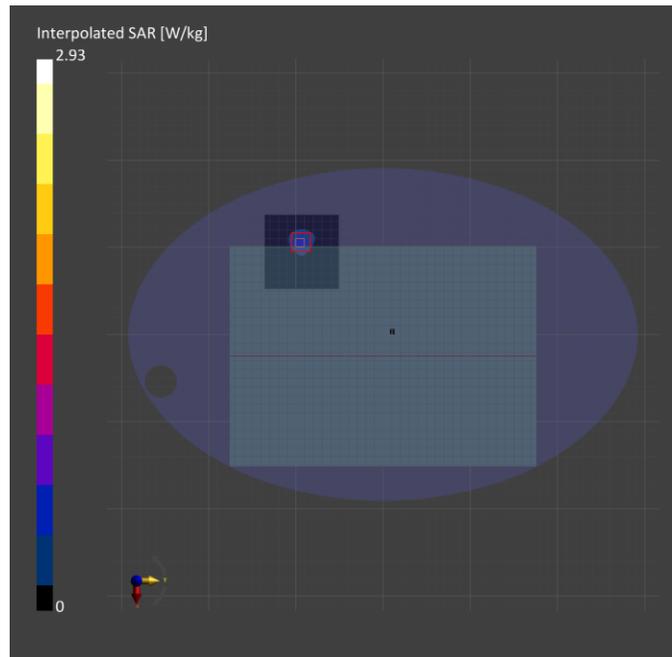
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.512	0.633
psSAR10g [W/Kg]	0.165	0.198
Power Drift [dB]	0.04	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.6
Dist 3dB Peak [mm]		5.8



Test Laboratory: A Test Lab Techno Corp.

08_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	5.59	35.6

Hardware Setup

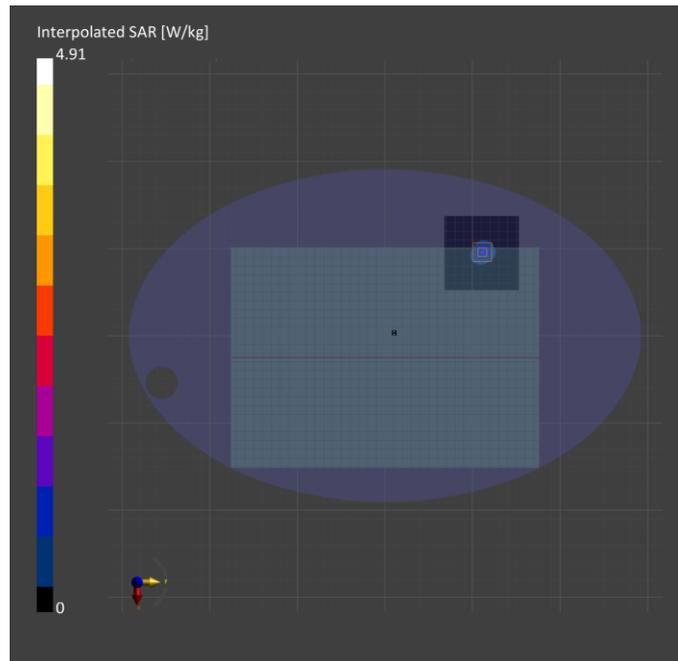
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.886	1.02
psSAR10g [W/Kg]	0.271	0.296
Power Drift [dB]	0.09	0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.9
Dist 3dB Peak [mm]		6.8



Test Laboratory: A Test Lab Techno Corp.

02_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0mm_ANT Main0

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	6.17	34.9

Hardware Setup

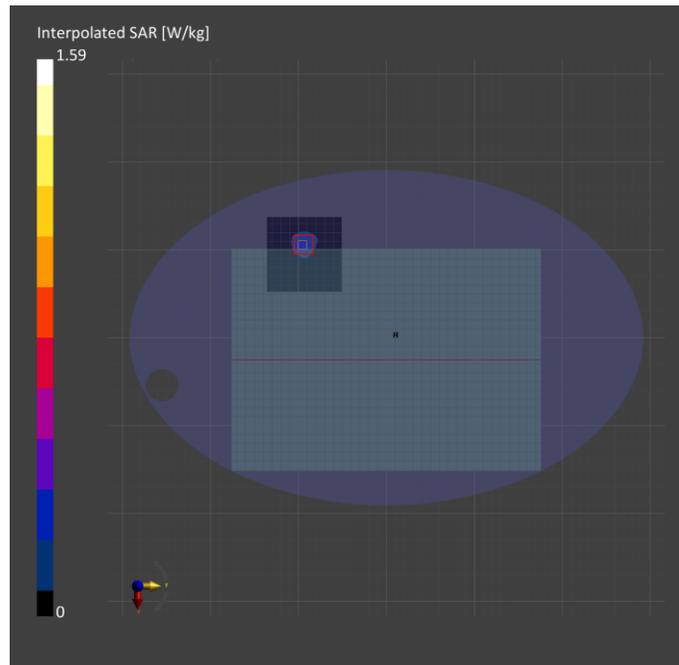
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.292	0.333
psSAR10g [W/Kg]	0.093	0.109
Power Drift [dB]	0.02	-0.13
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.1
Dist 3dB Peak [mm]		7.6



Test Laboratory: A Test Lab Techno Corp.

07_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	6.17	34.9

Hardware Setup

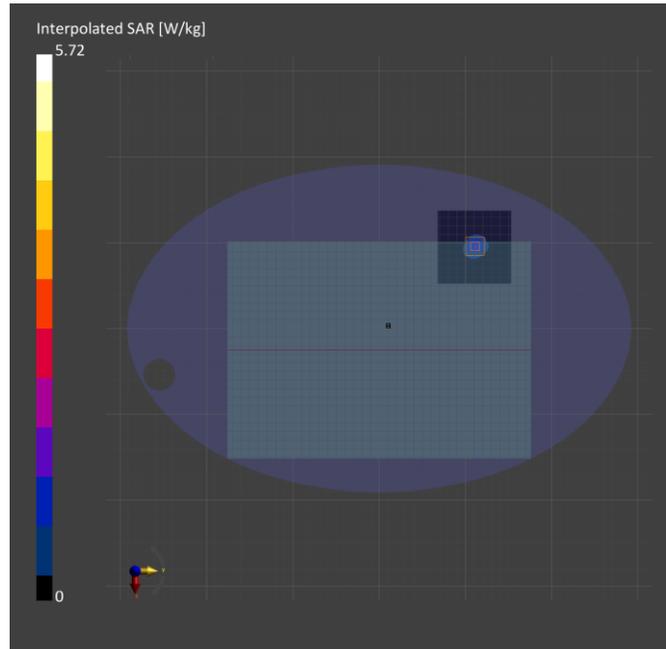
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	1.05	1.07
psSAR10g [W/Kg]	0.320	0.297
Power Drift [dB]	-0.04	-0.09
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.9
Dist 3dB Peak [mm]		6.8



Test Laboratory: A Test Lab Techno Corp.

03_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_0mm_ANT Main0

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	6825.0, 175	5.6	6.60	34.3

Hardware Setup

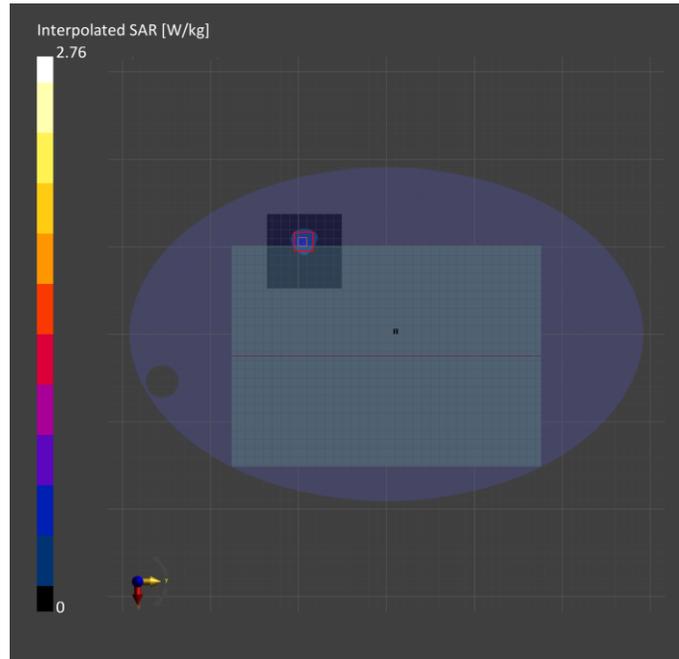
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.466	0.529
psSAR10g [W/Kg]	0.153	0.166
Power Drift [dB]	0.03	0.14
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.1
Dist 3dB Peak [mm]		7.0



Test Laboratory: A Test Lab Techno Corp.

06_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	6.38	34.4

Hardware Setup

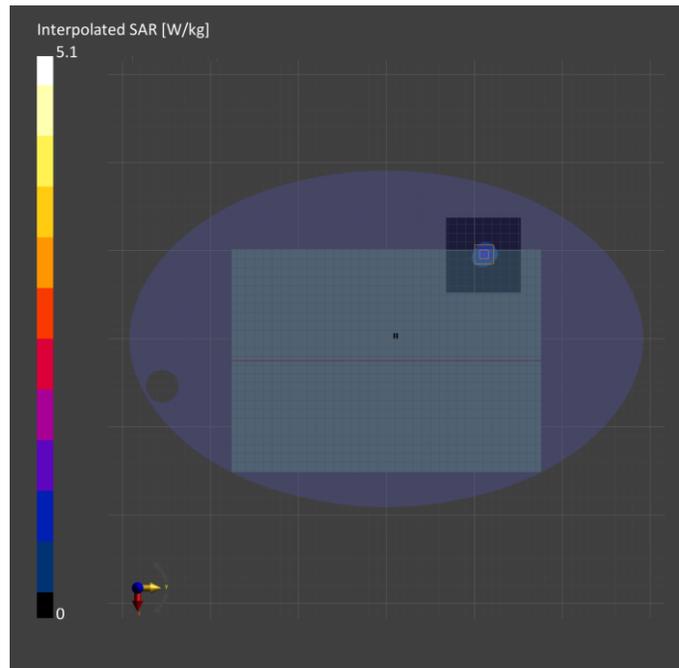
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.928	0.933
psSAR10g [W/Kg]	0.287	0.264
Power Drift [dB]	-0.05	-0.12
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.2
Dist 3dB Peak [mm]		6.8



Test Laboratory: A Test Lab Techno Corp.

04_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0mm_ANT Main0

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	6.73	33.8

Hardware Setup

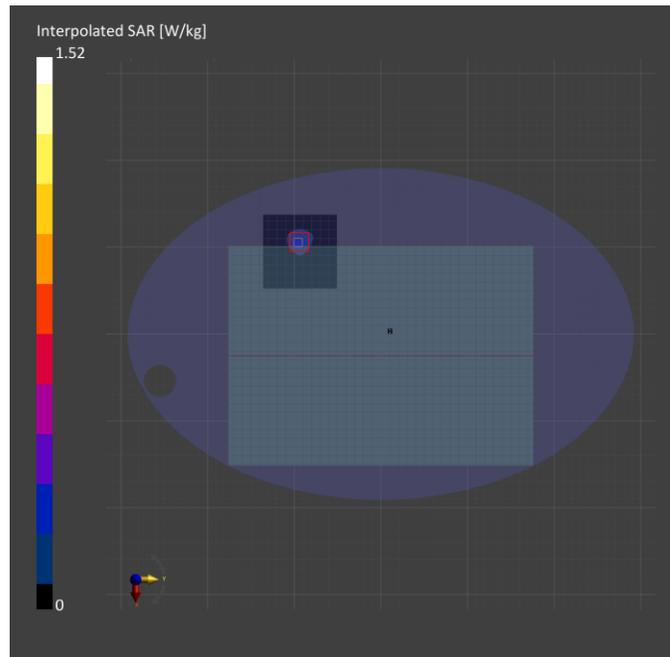
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.244	0.280
psSAR10g [W/Kg]	0.081	0.088
Power Drift [dB]	-0.06	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.0
Dist 3dB Peak [mm]		6.1



Test Laboratory: A Test Lab Techno Corp.

05_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: UX7602Z, BX7602Z, RX7602Z

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	5.6	6.73	33.8

Hardware Setup

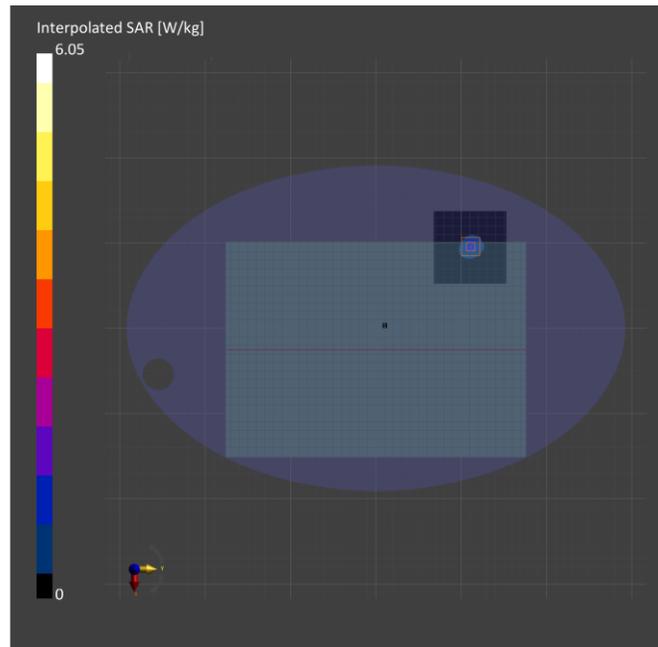
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2021-12-27	2021-12-27
psSAR1g [W/Kg]	0.981	1.02
psSAR10g [W/Kg]	0.308	0.277
Power Drift [dB]	-0.09	-0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.9
Dist 3dB Peak [mm]		6.1



Test Laboratory: A Test Lab Techno Corp.

10_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2mm_ANT Main0

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

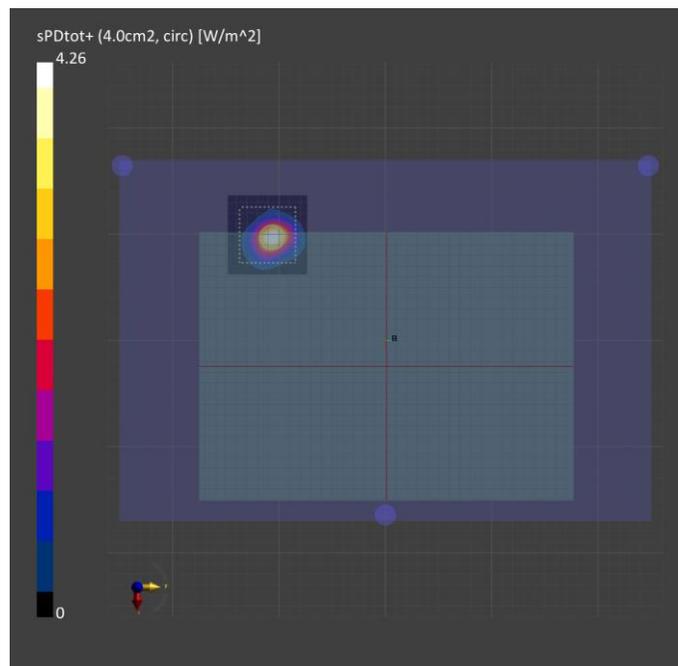
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.00
psPDtot+ [W/m ²]	4.26
psPDmod+ [W/m ²]	6.55
E _{max} [V/m]	67.0
H _{max} [A/m]	0.171
Power Drift [dB]	0.06



Test Laboratory: A Test Lab Techno Corp.

11_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2mm_ANT Main0

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

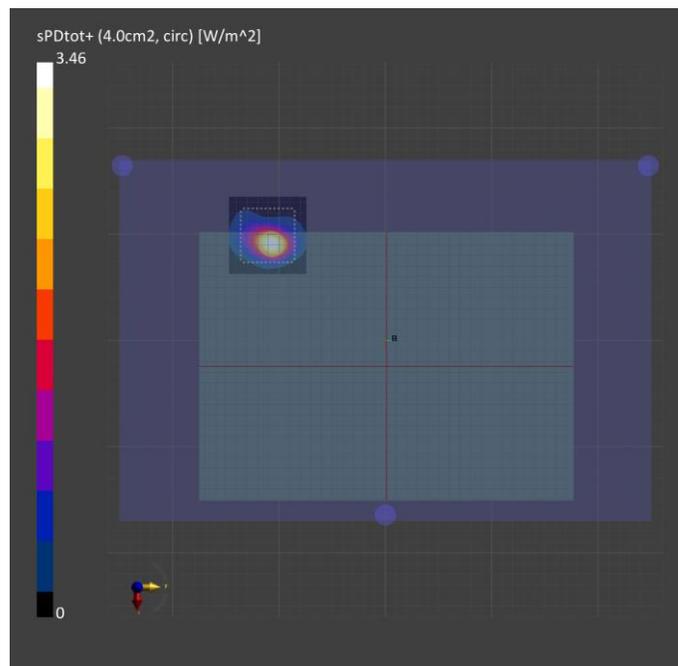
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.87
psPDtot+ [W/m ²]	3.46
psPDmod+ [W/m ²]	4.63
E _{max} [V/m]	51.7
H _{max} [A/m]	0.167
Power Drift [dB]	-0.11



Test Laboratory: A Test Lab Techno Corp.

12_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2mm_ANT Main0

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

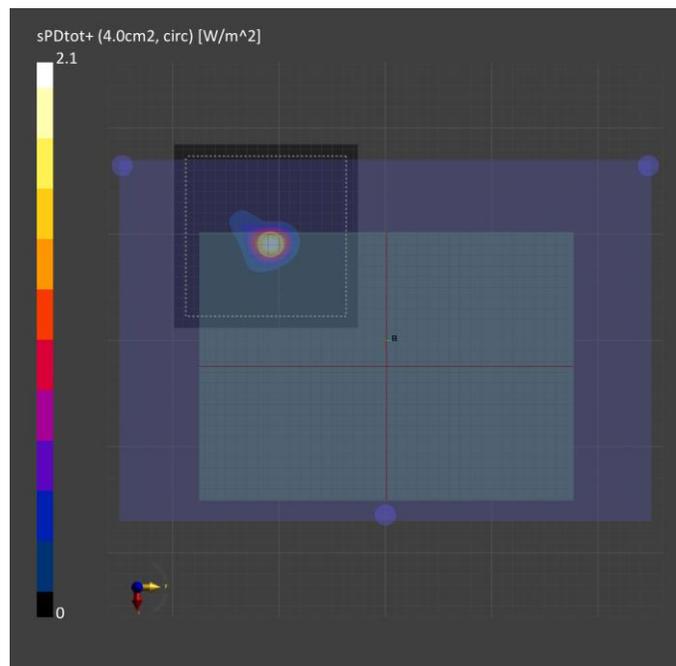
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.78
psPDtot+ [W/m ²]	2.10
psPDmod+ [W/m ²]	3.00
E _{max} [V/m]	47.4
H _{max} [A/m]	0.125
Power Drift [dB]	-0.09



Test Laboratory: A Test Lab Techno Corp.

13_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_2mm_ANT Main0

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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	6825.0, 175	1.0

Hardware Setup

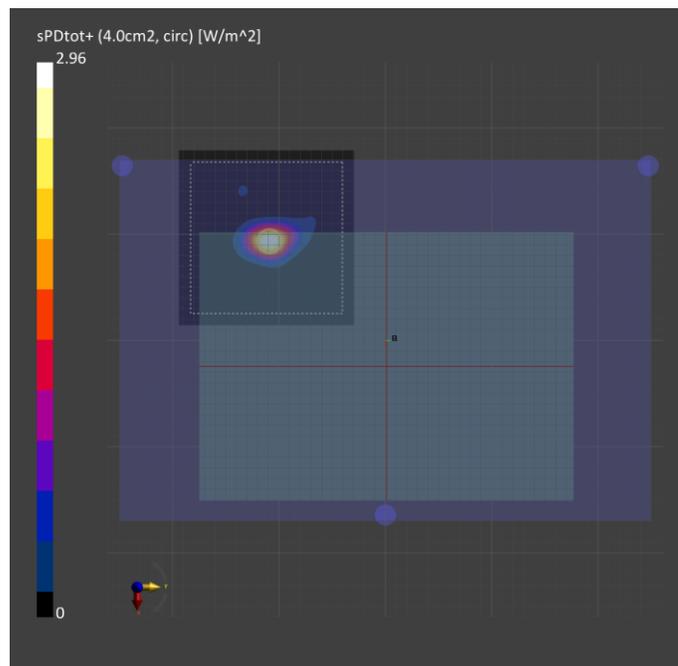
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.67
psPDtot+ [W/m ²]	2.96
psPDmod+ [W/m ²]	4.00
E _{max} [V/m]	58.4
H _{max} [A/m]	0.122
Power Drift [dB]	-0.01



Test Laboratory: A Test Lab Techno Corp.

14_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2mm_ANT Main0

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

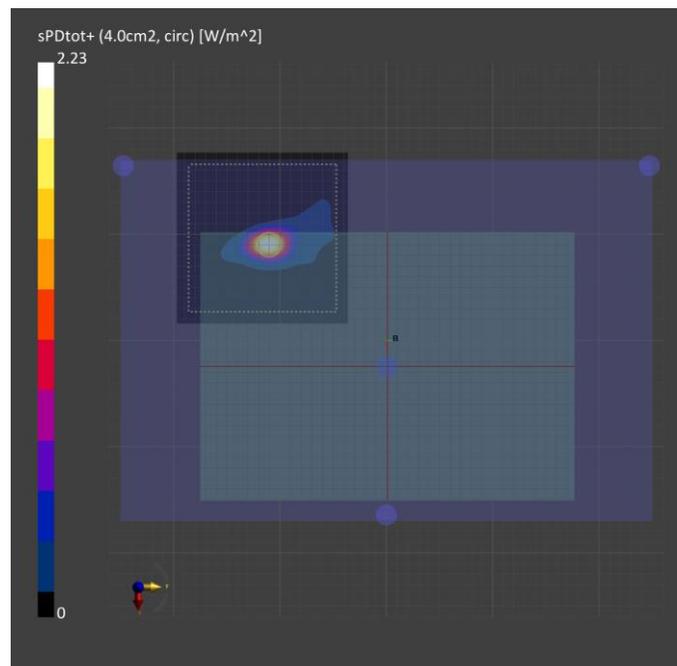
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.00
psPDtot+ [W/m ²]	2.23
psPDmod+ [W/m ²]	2.80
E _{max} [V/m]	42.2
H _{max} [A/m]	0.125
Power Drift [dB]	0.04



Test Laboratory: A Test Lab Techno Corp.

15_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

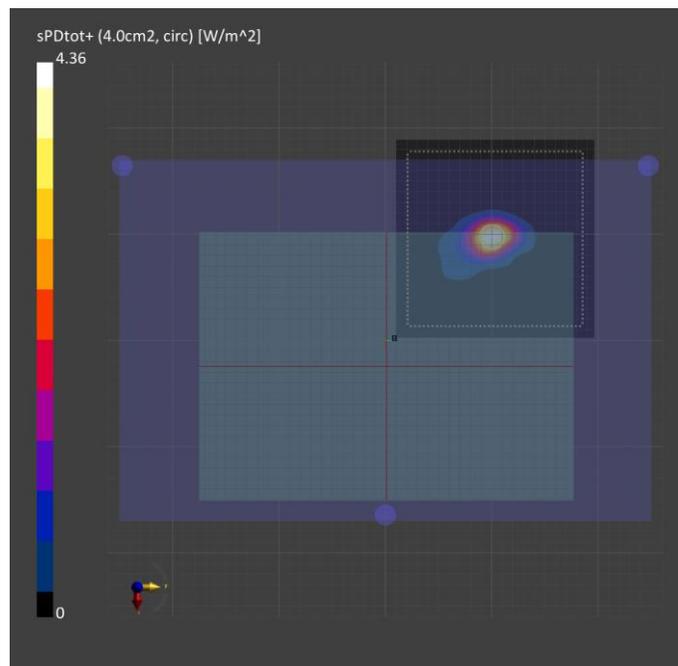
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.13
psPDtot+ [W/m ²]	4.36
psPDmod+ [W/m ²]	5.72
E _{max} [V/m]	60.0
H _{max} [A/m]	0.133
Power Drift [dB]	0.02



Test Laboratory: A Test Lab Techno Corp.

16_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

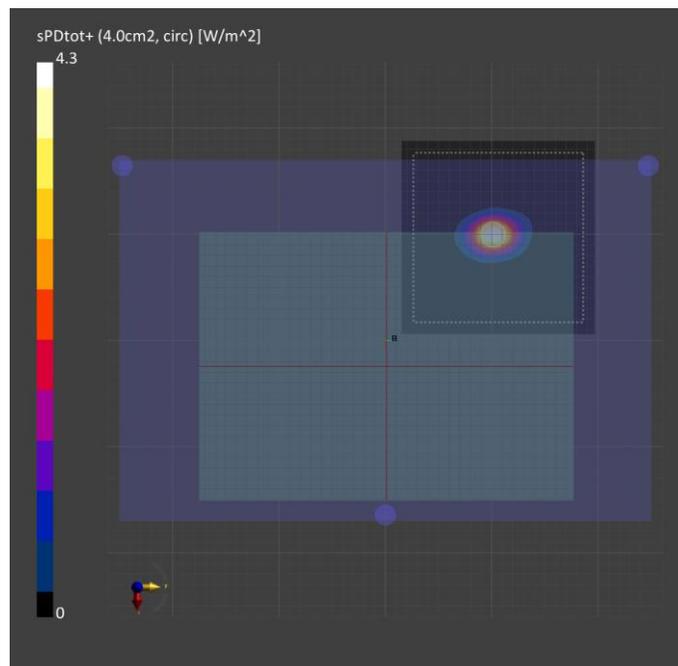
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.99
psPDtot+ [W/m ²]	4.30
psPDmod+ [W/m ²]	5.70
E _{max} [V/m]	59.7
H _{max} [A/m]	0.129
Power Drift [dB]	-0.05



Test Laboratory: A Test Lab Techno Corp.

17_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

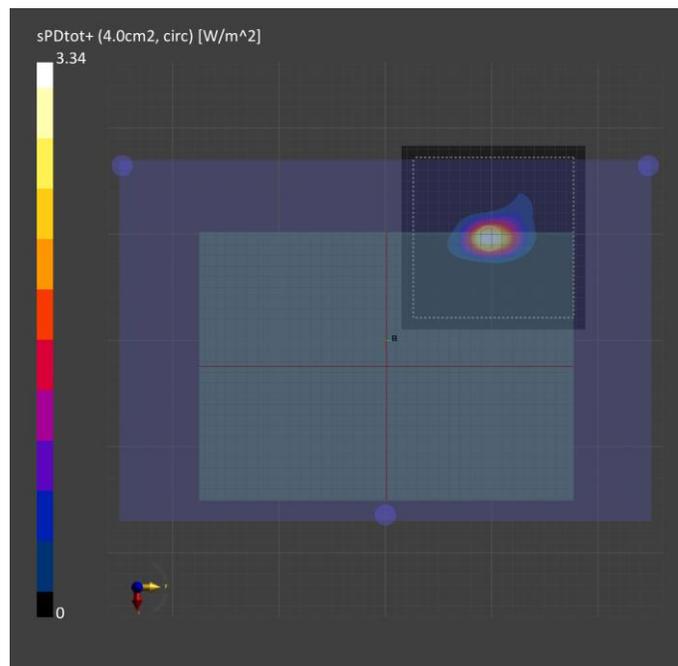
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.16
psPDtot+ [W/m ²]	3.34
psPDmod+ [W/m ²]	5.07
E _{max} [V/m]	60.1
H _{max} [A/m]	0.138
Power Drift [dB]	0.09



Test Laboratory: A Test Lab Techno Corp.

18_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

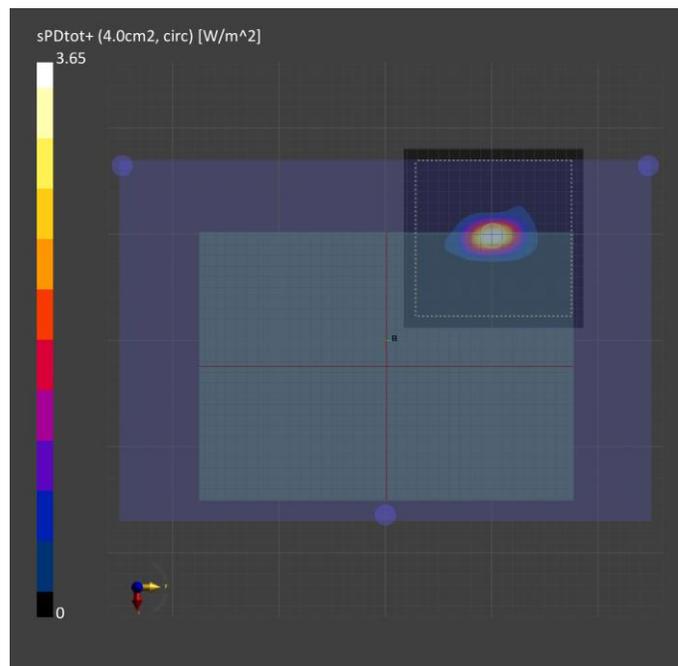
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.25
psPDtot+ [W/m ²]	3.64
psPDmod+ [W/m ²]	4.88
E _{max} [V/m]	57.3
H _{max} [A/m]	0.124
Power Drift [dB]	-0.05



Test Laboratory: A Test Lab Techno Corp.

19_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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

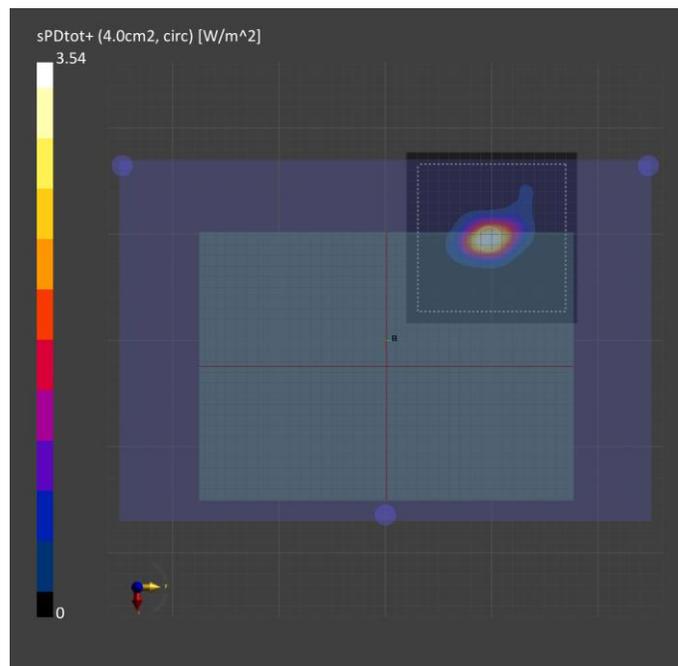
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.28
psPDtot+ [W/m ²]	3.54
psPDmod+ [W/m ²]	4.53
E _{max} [V/m]	50.9
H _{max} [A/m]	0.134
Power Drift [dB]	-0.14



Test Laboratory: A Test Lab Techno Corp.

9_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2mm_ANT Main0+Aux

Device under Test Properties

Model:UX7602Z, BX7602Z, RX7602Z

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	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

Scan Setup

	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-01-03
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.43
psPDtot+ [W/m ²]	1.72
psPDmod+ [W/m ²]	1.95
E _{max} [V/m]	45.1
H _{max} [A/m]	0.071
Power Drift [dB]	-0.08

