

Appendix C - Highest Measurement Plots

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/15

01_WLAN 2.4 GHz_802.11b_Ch6_Bottom Face_0 mm_ANT Main

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

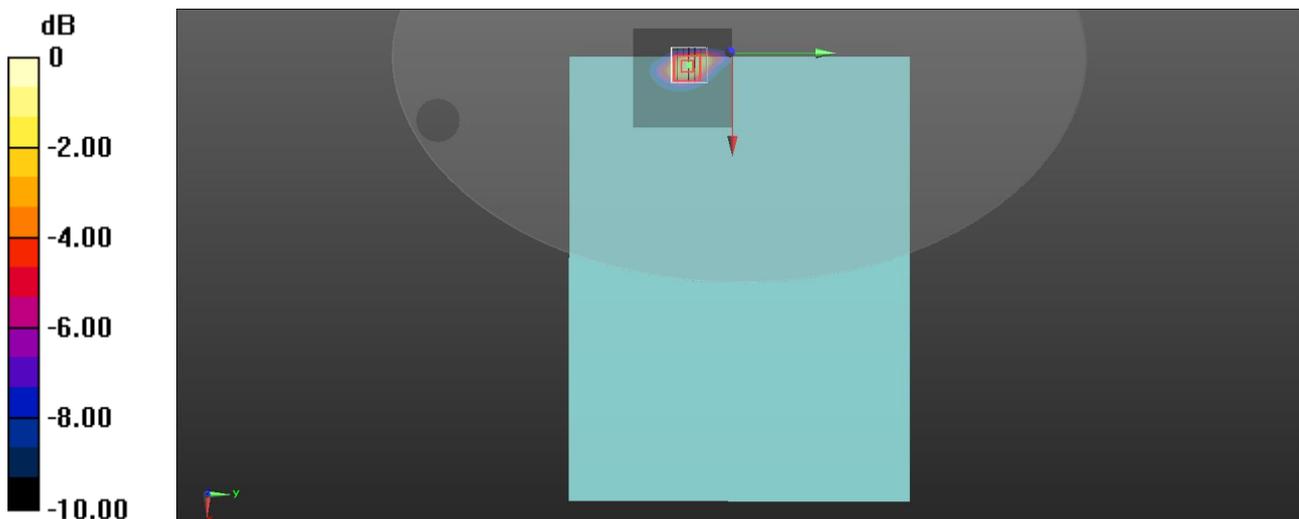
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.010
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.487$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(7.28, 7.28, 7.28) @ 2437 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.60 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 3.12 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.470 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 34.7%
Maximum value of SAR (measured) = 2.15 W/kg



0 dB = 2.15 W/kg = 3.32 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/15

02_WLAN 2.4 GHz_802.11b_Ch6_Bottom Face_0 mm_ANT Aux

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

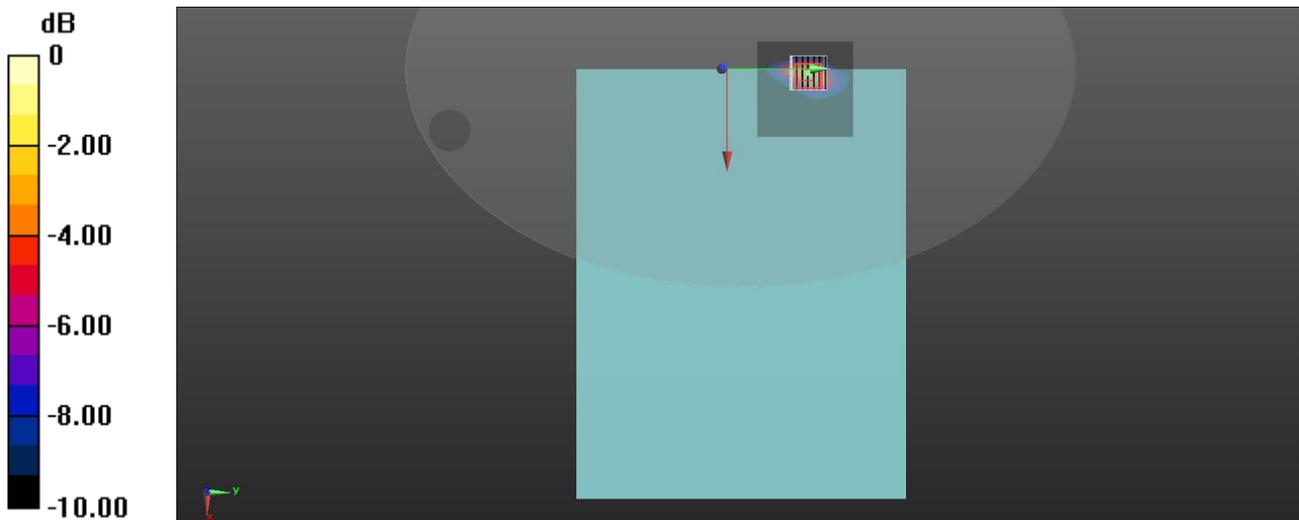
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.010
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.805$ S/m; $\epsilon_r = 39.487$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(7.28, 7.28, 7.28) @ 2437 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.67 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.80 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.56 W/kg
SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.370 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 34.1%
Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/15

03_Bluetooth_GFSK_Ch78_Bottom Face_0 mm_ANT Main

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

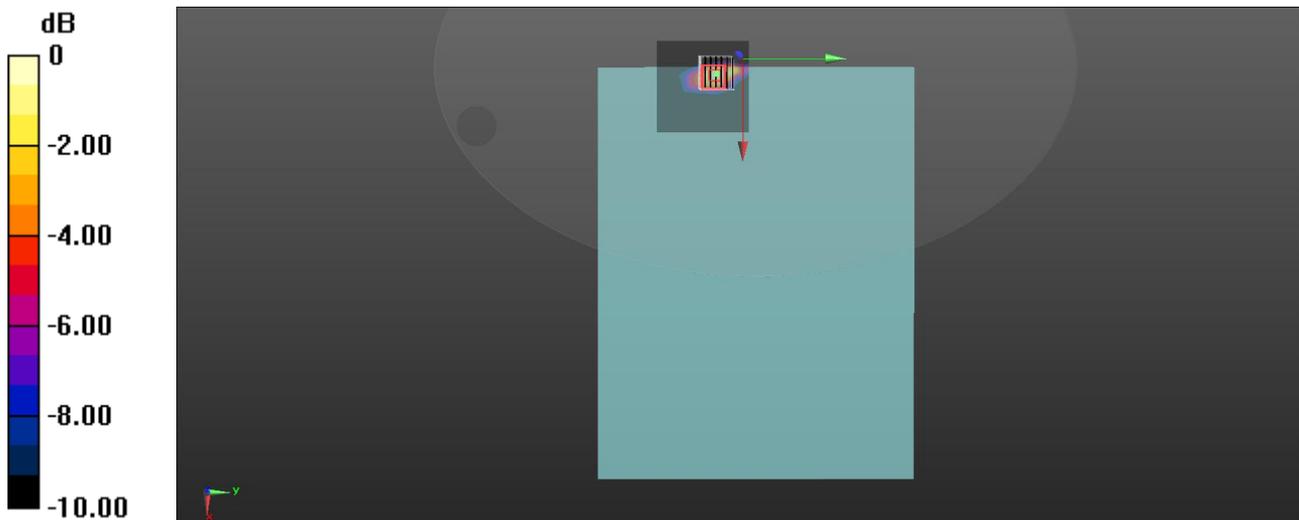
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2480 MHz; Duty Cycle: 1:1.305
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.341$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(7.28, 7.28, 7.28) @ 2480 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.114 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.574 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 30%
Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/12

04_WLAN 5 GHz_802.11n HT40_Ch54_Bottom Face_1 mm_ANT Main

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

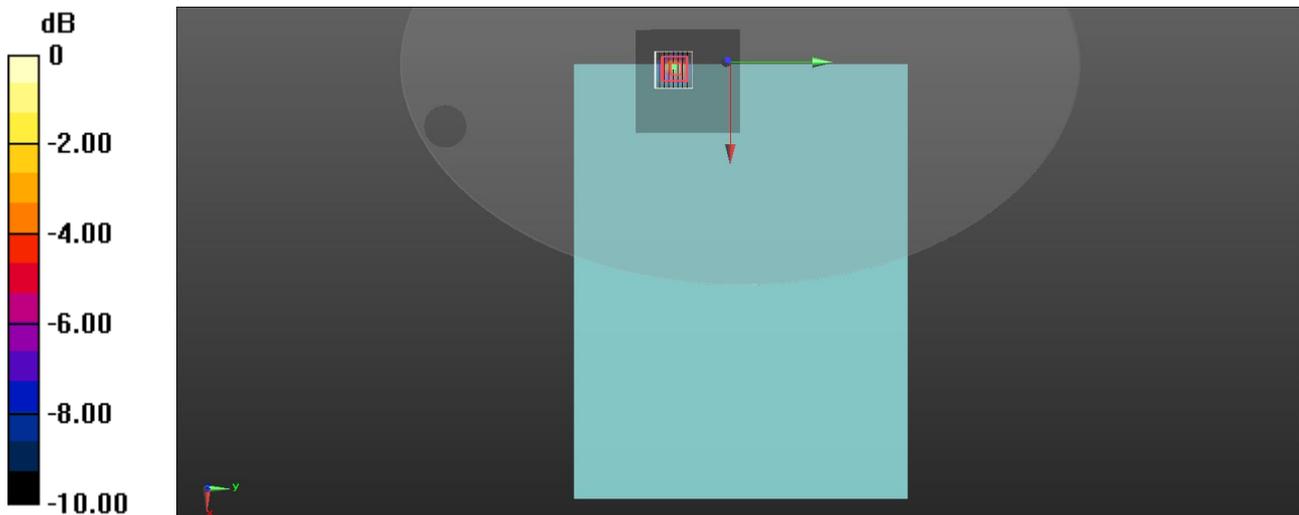
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.684$ S/m; $\epsilon_r = 35.498$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(5.04, 5.04, 5.04) @ 5270 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.00 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.78 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 5.45 W/kg
SAR(1 g) = 0.990 W/kg; SAR(10 g) = 0.263 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 58%
Maximum value of SAR (measured) = 2.73 W/kg



0 dB = 2.73 W/kg = 4.36 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/12

05_WLAN 5 GHz_802.11n HT40_Ch54_Bottom Face_1 mm_ANT Aux

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.684$ S/m; $\epsilon_r = 35.498$; $\rho = 1000$ 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(5.04, 5.04, 5.04) @ 5270 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.86 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.23 V/m; Power Drift = -0.12 dB

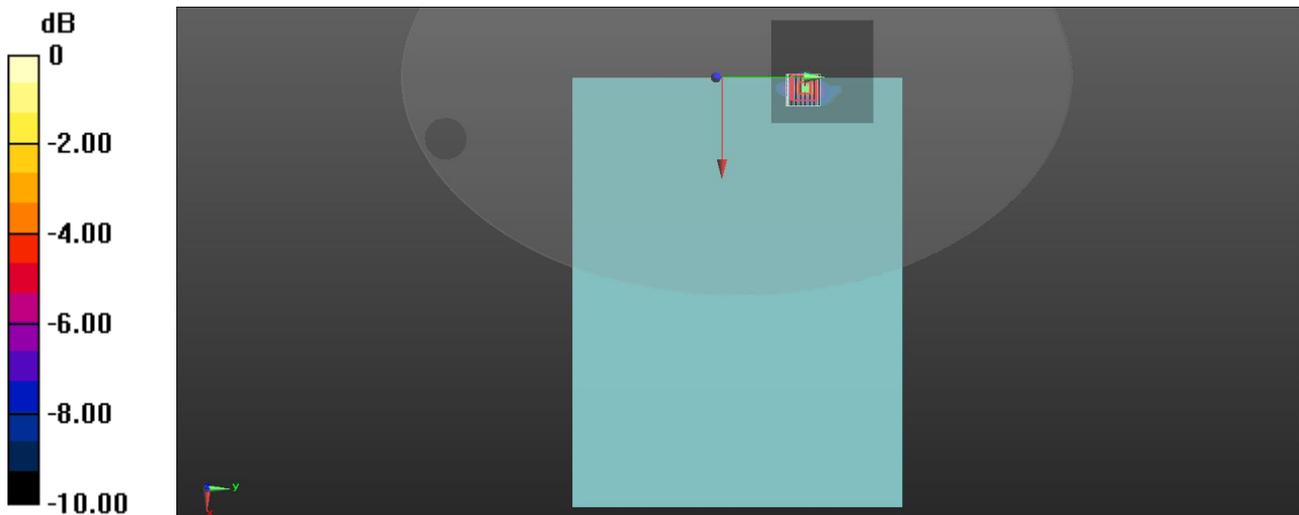
Peak SAR (extrapolated) = 5.21 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.310 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 62.3%

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/13

06_WLAN 5 GHz_802.11ac_VHT80_Ch138_Bottom Face_0 mm_ANT Main

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

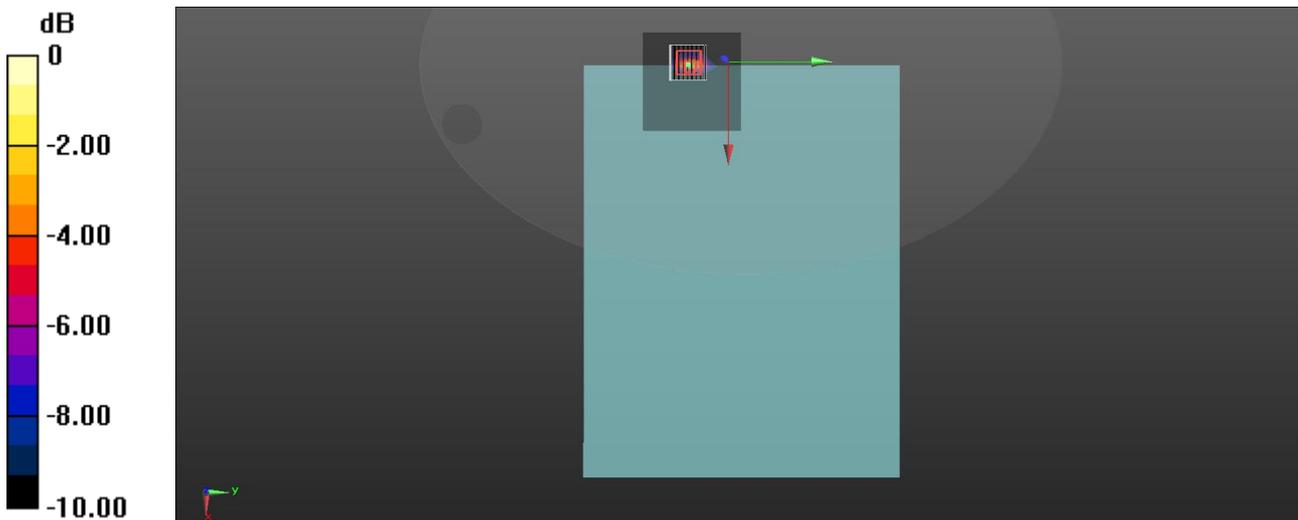
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.094$ S/m; $\epsilon_r = 34.648$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(4.64, 4.64, 4.64) @ 5690 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.04 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.303 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 5.15 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.205 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 56.5%
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: 2022/3/13

07_WLAN 5 GHz_802.11ac_VHT80_Ch138_Bottom Face_0 mm_ANT Aux

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

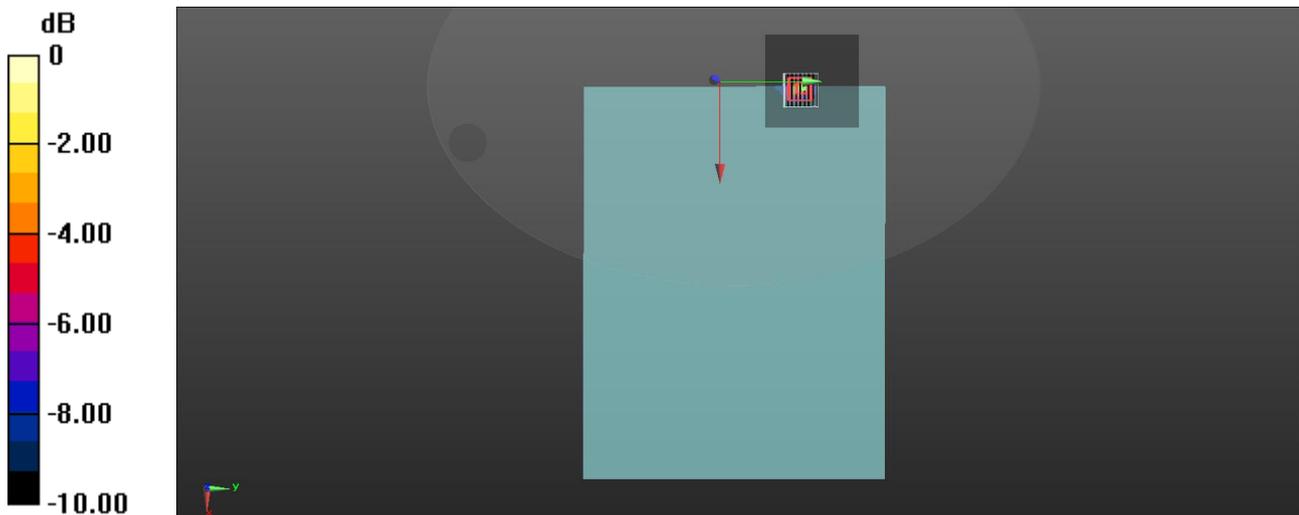
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.094$ S/m; $\epsilon_r = 34.648$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(4.64, 4.64, 4.64) @ 5690 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.851 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 3.23 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.130 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 55.7%
Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/14

08_WLAN 5 GHz_802.11n HT40_Ch159_Bottom Face_0 mm_ANT Main

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

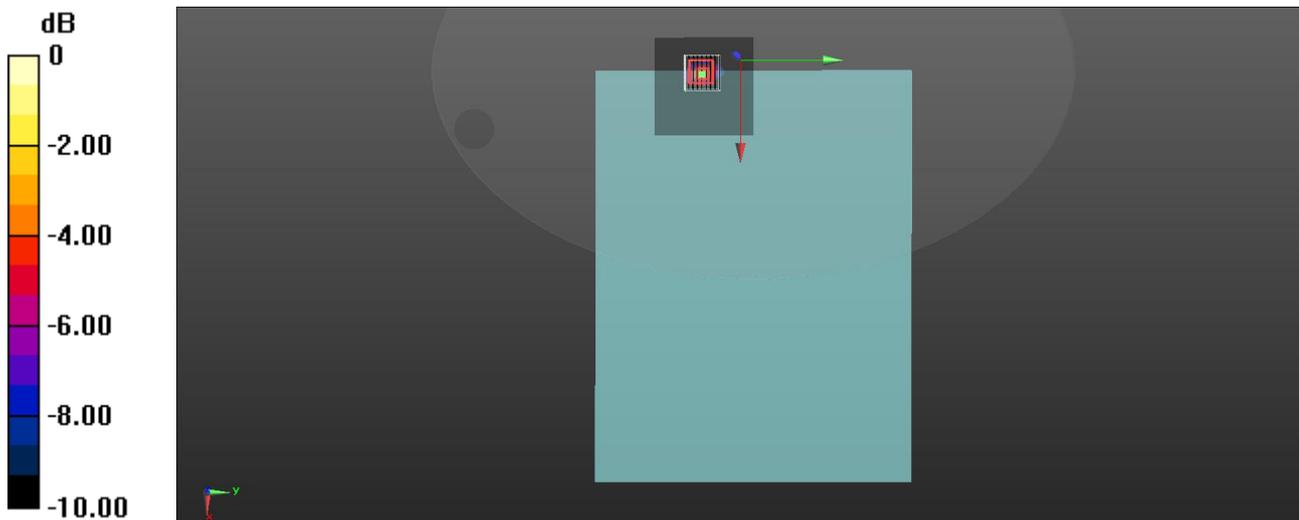
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5795$ MHz; $\sigma = 5.102$ S/m; $\epsilon_r = 34.061$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(4.64, 4.64, 4.64) @ 5795 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.86 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 25.32 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 6.45 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.215 W/kg
Smallest distance from peaks to all points 3 dB below = 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 55.2%
Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/3/14

09_WLAN 5 GHz_802.11n HT40_Ch159_Bottom Face_0 mm_ANT Aux

DUT: UX9702A, BX9702A, RX9702A, UX9702AA

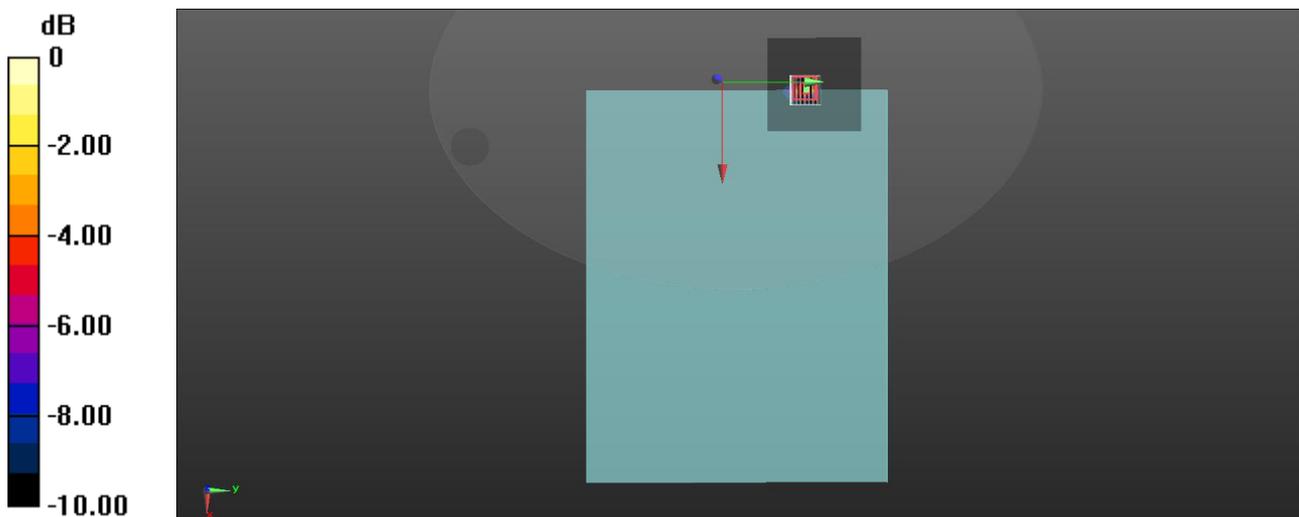
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.016
Medium parameters used: $f = 5795$ MHz; $\sigma = 5.102$ S/m; $\epsilon_r = 34.061$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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(4.64, 4.64, 4.64) @ 5795 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2021/7/30
- 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 (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.72 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.574 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.86 W/kg
SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.144 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 56.1%
Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

23_WLAN 6 GHz_802.11ax HE160_CH 47_Bottom Face_0 mm_ ANT Main

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.75	5.69	35.6

Hardware Setup

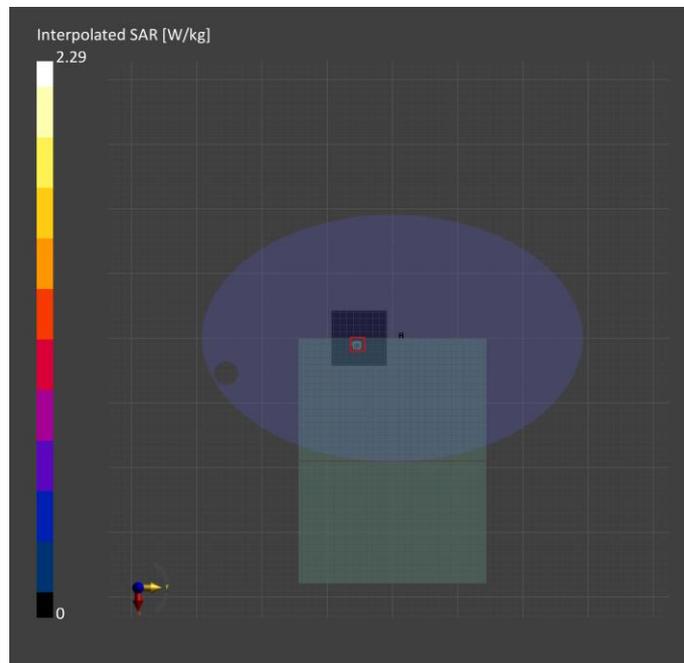
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.251	0.379
psSAR10g [W/Kg]	0.066	0.083
psPDab (1.0cm2, sq) [W/m2]		3.77
psPDab (4.0cm2, sq) [W/m2]		1.98
Power Drift [dB]	0.12	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.2
Dist 3dB Peak [mm]		4.4



Test Laboratory: A Test Lab Techno Corp.

24_WLAN 6 GHz_802.11ax HE160_CH 111_Bottom Face_0 mm_ ANT Main

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.75	6.16	34.9

Hardware Setup

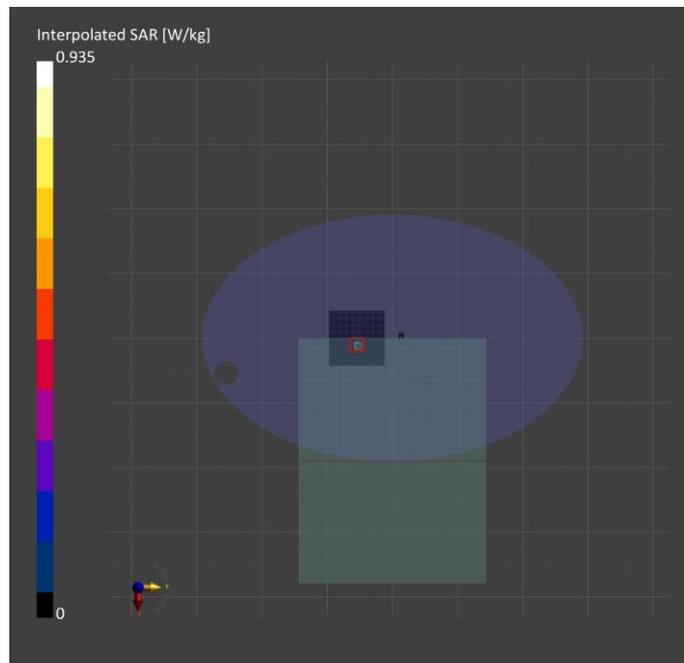
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.089	0.130
psSAR10g [W/Kg]	0.021	0.024
psPDab (1.0cm2, sq) [W/m2]		1.30
psPDab (4.0cm2, sq) [W/m2]		0.585
Power Drift [dB]	-0.06	0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.9
Dist 3dB Peak [mm]		3.5



Test Laboratory: A Test Lab Techno Corp.

25_WLAN 6 GHz_802.11ax HE160_CH 143_Bottom Face_0 mm_ ANT Main

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.75	6.37	34.4

Hardware Setup

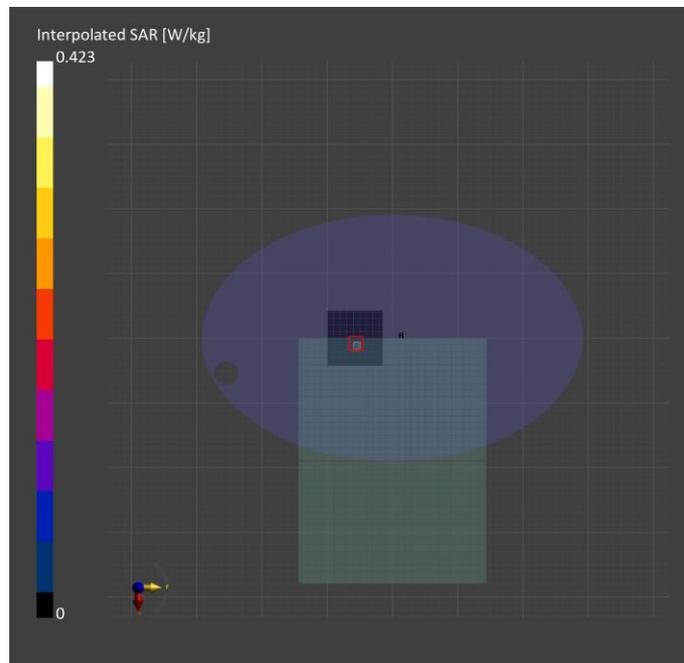
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.037	0.047
psSAR10g [W/Kg]	0.009	0.007
psPDab (1.0cm2, sq) [W/m2]		0.468
psPDab (4.0cm2, sq) [W/m2]		0.187
Power Drift [dB]	-0.05	-0.18
TSL Correction	Positive only	Positive only
M2/M1 [%]		53.8
Dist 3dB Peak [mm]		3.8



Test Laboratory: A Test Lab Techno Corp.

26_WLAN 6 GHz_802.11ax HE160_CH 207_Bottom Face_0 mm_ ANT Main

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.75	6.71	33.8

Hardware Setup

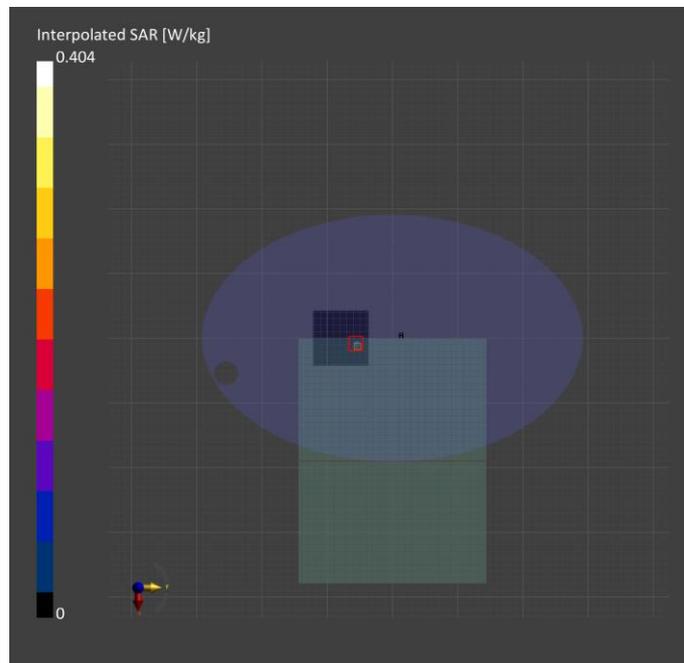
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.036	0.039
psSAR10g [W/Kg]	0.008	0.006
psPDab (1.0cm2, sq) [W/m2]		0.385
psPDab (4.0cm2, sq) [W/m2]		0.160
Power Drift [dB]	-0.09	-0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.2
Dist 3dB Peak [mm]		3.6



Test Laboratory: A Test Lab Techno Corp.

27_WLAN 6 GHz_802.11ax HE160_CH 79_Bottom Face_0 mm_ ANT Aux

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.75	6.03	35.0

Hardware Setup

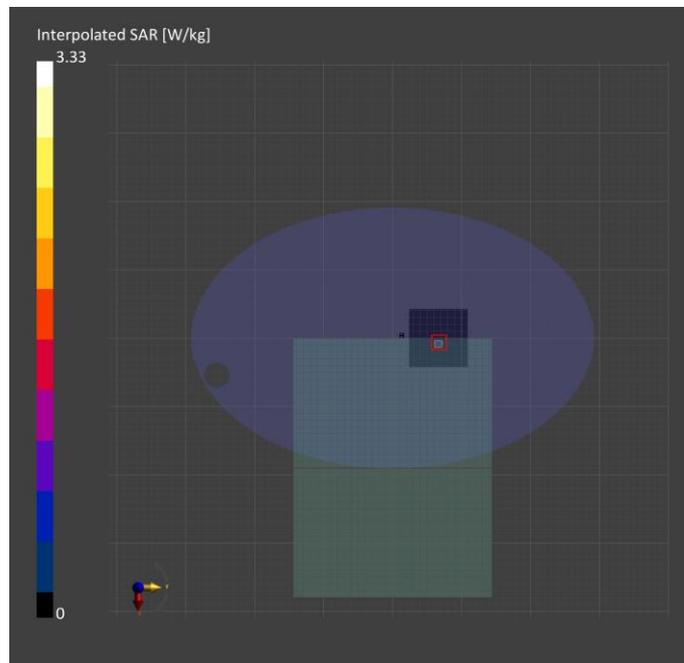
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.387	0.530
psSAR10g [W/Kg]	0.090	0.117
psPDab (1.0cm2, sq) [W/m2]		5.29
psPDab (4.0cm2, sq) [W/m2]		2.79
Power Drift [dB]	-0.07	0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		49.4
Dist 3dB Peak [mm]		4.4



Test Laboratory: A Test Lab Techno Corp.

28_WLAN 6 GHz_802.11ax HE160_CH 111_Bottom Face_0 mm_ ANT Aux

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-6	WLAN, 10756-AAC	6505.0, 111	5.75	6.16	34.9

Hardware Setup

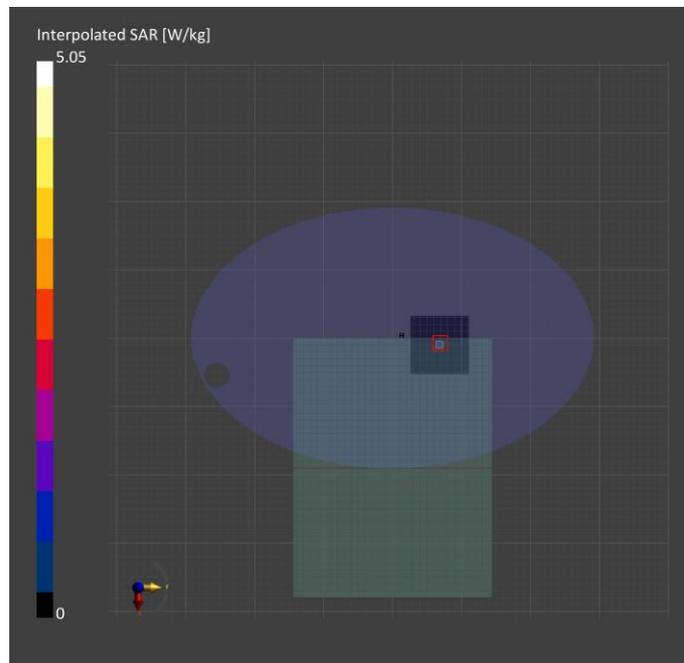
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.561	0.759
psSAR10g [W/Kg]	0.126	0.161
psPDab (1.0cm2, sq) [W/m2]		7.56
psPDab (4.0cm2, sq) [W/m2]		3.84
Power Drift [dB]	-0.17	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.9
Dist 3dB Peak [mm]		4.0



Test Laboratory: A Test Lab Techno Corp.

29_WLAN 6 GHz_802.11ax HE160_CH 143_Bottom Face_0 mm_ ANT Aux

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.75	6.37	34.4

Hardware Setup

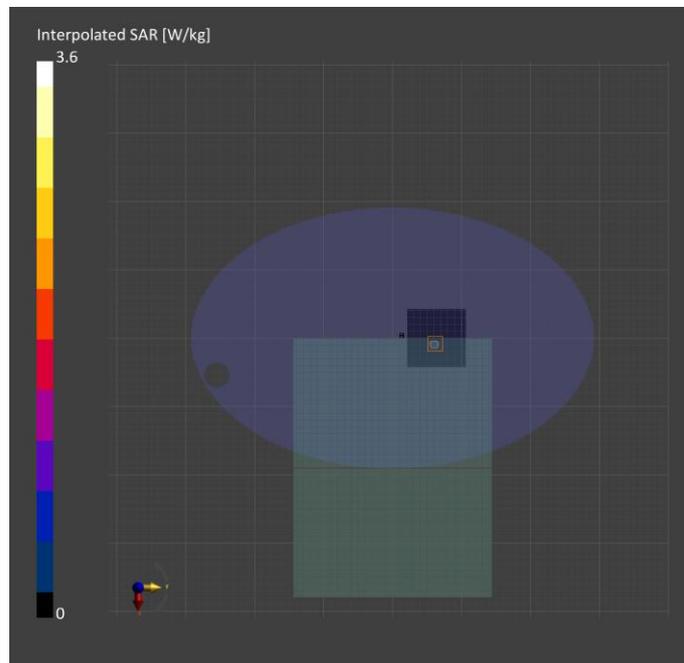
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.379	0.538
psSAR10g [W/Kg]	0.094	0.117
psPDab (1.0cm2, sq) [W/m2]		5.38
psPDab (4.0cm2, sq) [W/m2]		2.78
Power Drift [dB]	0.15	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.3
Dist 3dB Peak [mm]		4.4



Test Laboratory: A Test Lab Techno Corp.

30_WLAN 6 GHz_802.11ax HE160_CH 207_Bottom Face_0 mm_ ANT Aux

Device under Test Properties

Model: UX9702A, BX9702A, RX9702A, UX9702AA

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 Face, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.75	6.71	33.8

Hardware Setup

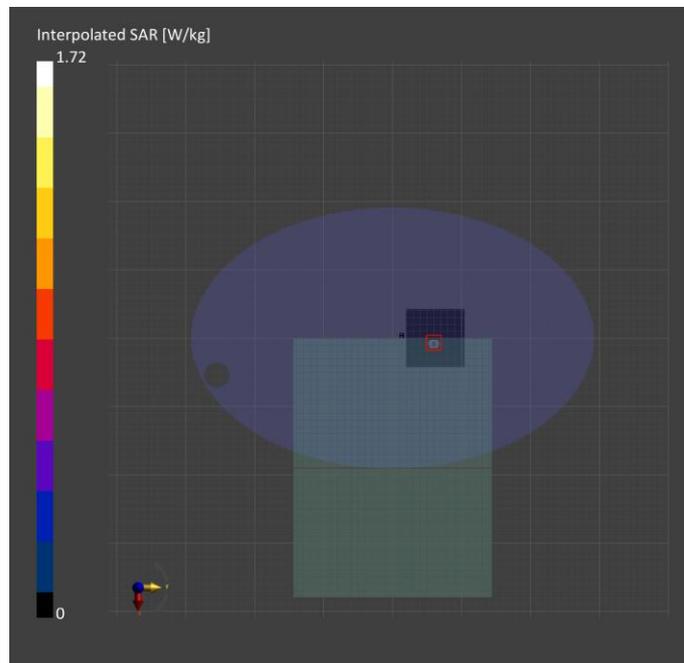
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN7647, 2021-04-15	DAE4 Sn1253, 2021-12-30

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	2022-03-16	2022-03-16
psSAR1g [W/Kg]	0.187	0.246
psSAR10g [W/Kg]	0.050	0.057
psPDab (1.0cm2, sq) [W/m2]		2.46
psPDab (4.0cm2, sq) [W/m2]		1.37
Power Drift [dB]	-0.06	-0.13
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.1
Dist 3dB Peak [mm]		4.1



Test Laboratory: A Test Lab Techno Corp.

31_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom Face_2 mm_ANT Main

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

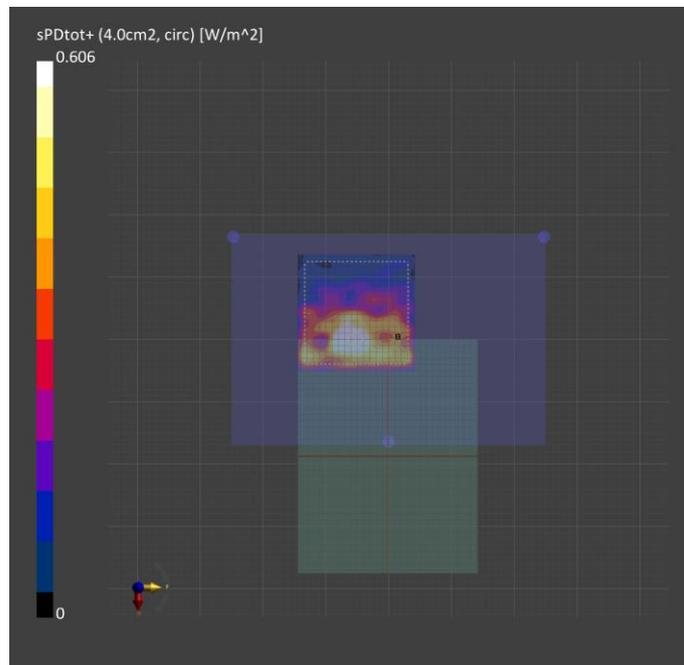
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUMmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.939
psPDtot+ [W/m ²]	1.03
psPDmod+ [W/m ²]	1.18
E _{max} [V/m]	30.6
H _{max} [A/m]	0.078
Power Drift [dB]	0.05



Test Laboratory: A Test Lab Techno Corp.

32_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom Face_2 mm_ANT Main

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

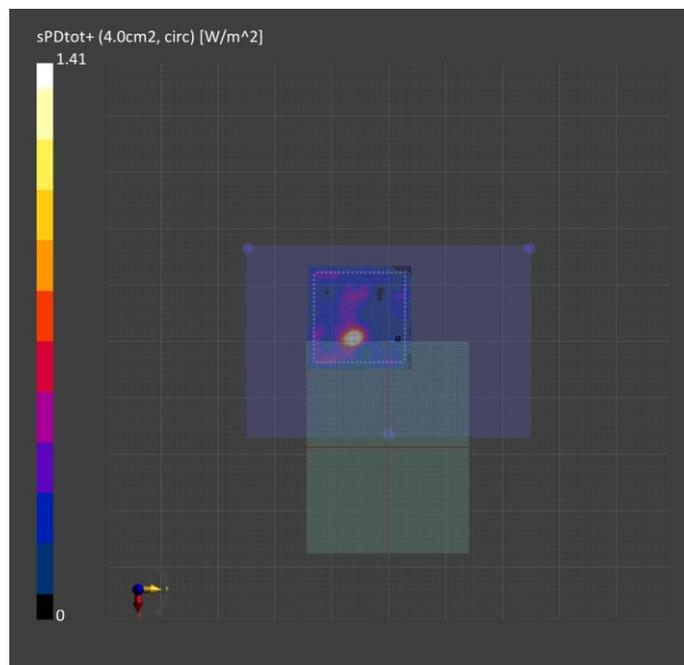
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.30
psPDtot+ [W/m ²]	1.41
psPDmod+ [W/m ²]	1.76
E _{max} [V/m]	36.4
H _{max} [A/m]	0.087
Power Drift [dB]	-0.08



Test Laboratory: A Test Lab Techno Corp.

33_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom Face_2 mm_ANT Main

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

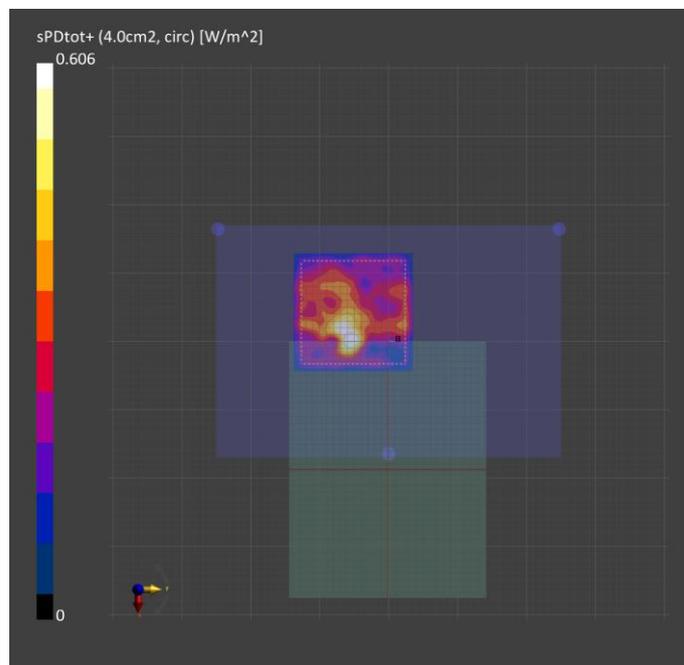
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUMmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.571
psPDtot+ [W/m ²]	0.606
psPDmod+ [W/m ²]	0.651
E _{max} [V/m]	20.8
H _{max} [A/m]	0.062
Power Drift [dB]	-0.04



Test Laboratory: A Test Lab Techno Corp.

34_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom Face_2 mm_ANT Main

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

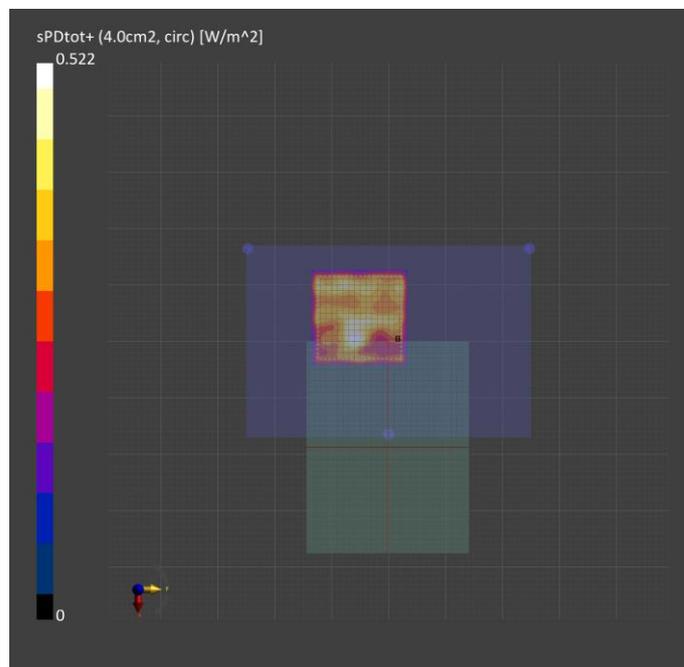
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.512
psPDtot+ [W/m ²]	0.522
psPDmod+ [W/m ²]	0.543
E _{max} [V/m]	16.4
H _{max} [A/m]	0.048
Power Drift [dB]	-0.04



Test Laboratory: A Test Lab Techno Corp.

35_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom Face_2 mm_ANT Main

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

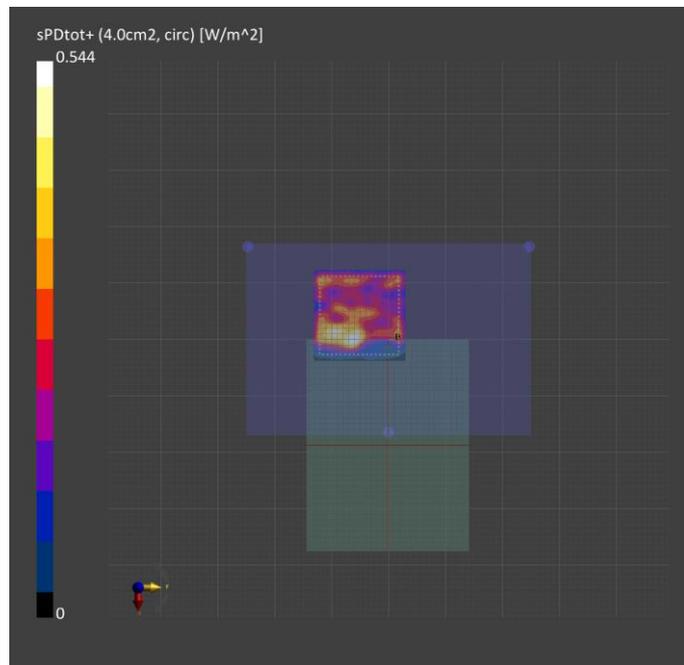
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.527
psPDtot+ [W/m ²]	0.544
psPDmod+ [W/m ²]	0.602
E _{max} [V/m]	17.3
H _{max} [A/m]	0.058
Power Drift [dB]	-0.04



Test Laboratory: A Test Lab Techno Corp.

36_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom Face_2 mm_ANT Aux

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

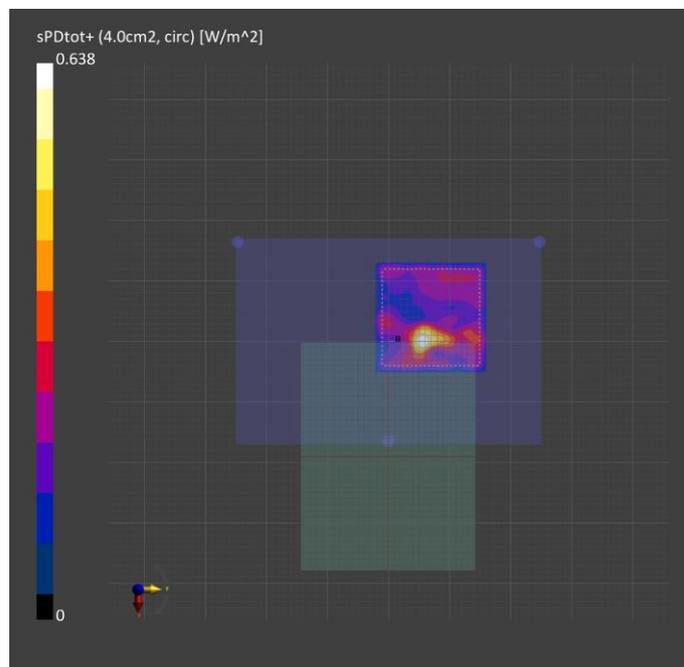
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.606
psPDtot+ [W/m ²]	0.638
psPDmod+ [W/m ²]	0.846
E _{max} [V/m]	24.6
H _{max} [A/m]	0.059
Power Drift [dB]	0.09



Test Laboratory: A Test Lab Techno Corp.

37_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom Face_2 mm_ANT Aux

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

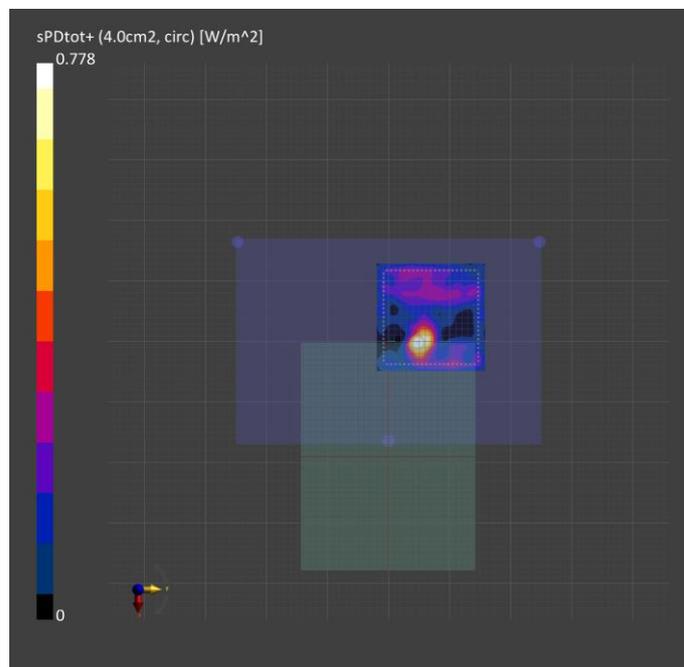
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.692
psPDtot+ [W/m ²]	0.779
psPDmod+ [W/m ²]	1.09
E _{max} [V/m]	32.2
H _{max} [A/m]	0.097
Power Drift [dB]	0.12



Test Laboratory: A Test Lab Techno Corp.

38_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom Face_2 mm_ANT Aux

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

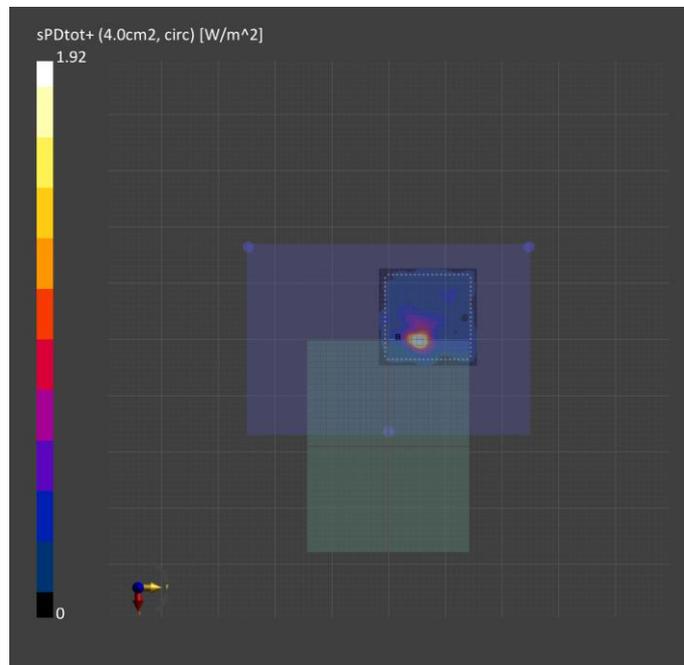
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.51
psPDtot+ [W/m ²]	1.92
psPDmod+ [W/m ²]	2.65
E _{max} [V/m]	45.2
H _{max} [A/m]	0.118
Power Drift [dB]	-0.05



Test Laboratory: A Test Lab Techno Corp.

39_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom Face_2 mm_ANT Aux

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

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

Hardware Setup

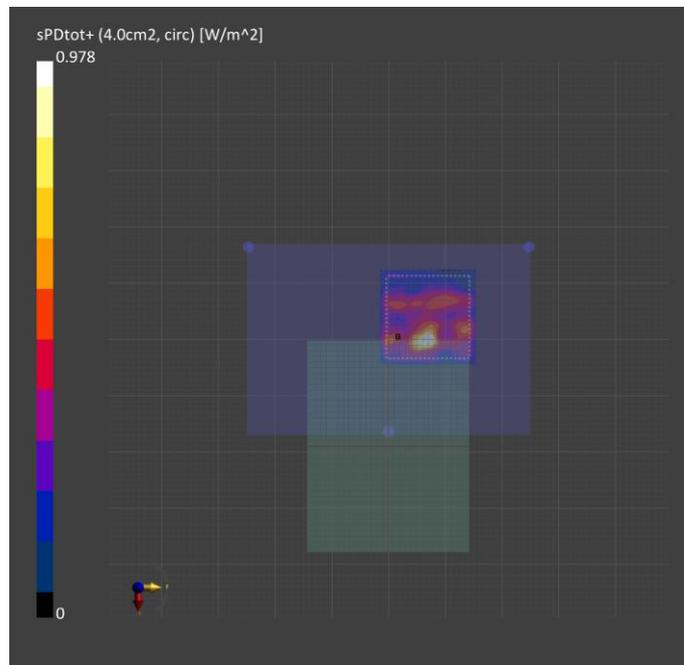
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.915
psPDtot+ [W/m ²]	0.978
psPDmod+ [W/m ²]	1.66
E _{max} [V/m]	33.1
H _{max} [A/m]	0.102
Power Drift [dB]	-0.02



Test Laboratory: A Test Lab Techno Corp.

40_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom Face_2 mm_ANT Aux

Device under Test Properties

Model:UX9702A, BX9702A, RX9702A, UX9702AA

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom Face, 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 Sn1253, 2021-12-30

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	2022-03-21
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.589
psPDtot+ [W/m ²]	0.691
psPDmod+ [W/m ²]	0.734
E _{max} [V/m]	22.2
H _{max} [A/m]	0.063
Power Drift [dB]	-0.06

