

Appendix B C - SAR Highest Measurement Plots

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/7

25_WLAN 2.4 GHz_802.11b_Ch1_Bottom of laptop_0mm_ANT Main

DUT: H7600Z, J7600Z, W7600Z

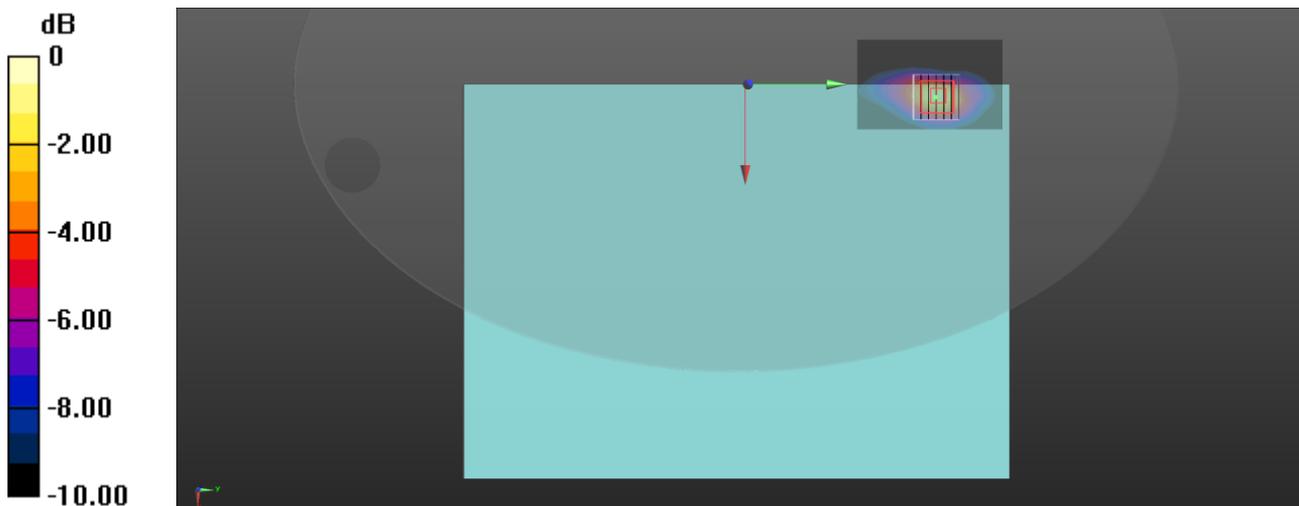
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.006
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 39.769$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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) = 0.778 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 20.83 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.212 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 38.3%
Maximum value of SAR (measured) = 0.938 W/kg



0 dB = 0.938 W/kg = -0.28 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/7

26_WLAN 2.4 GHz_802.11b_Ch6_Bottom of laptop_0mm_ANT Aux

DUT: H7600Z, J7600Z, W7600Z

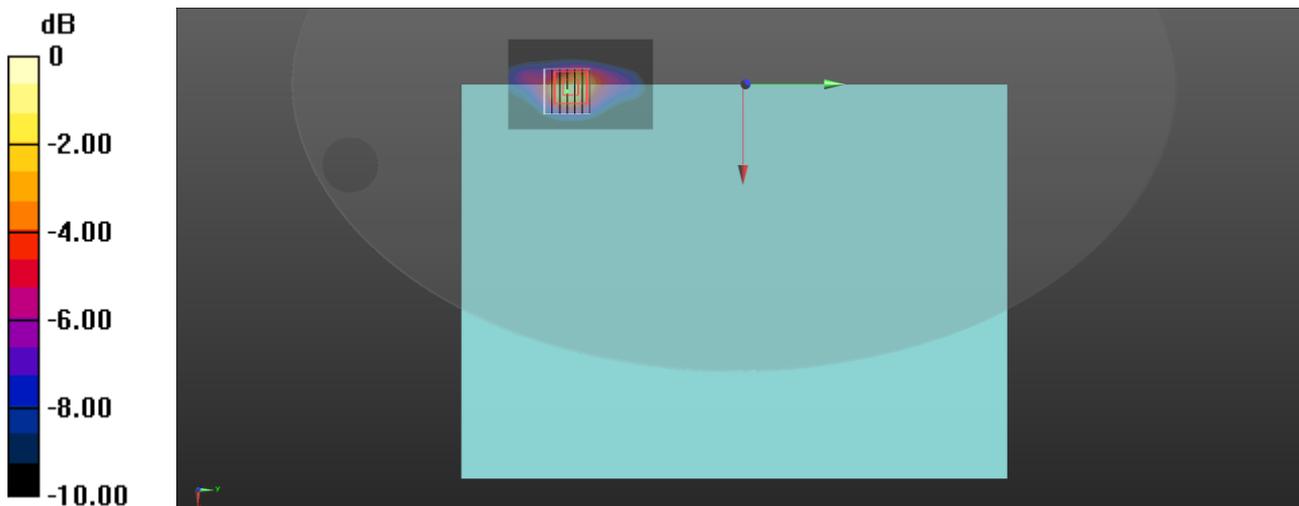
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.006
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.817$ S/m; $\epsilon_r = 39.673$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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) = 0.484 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.41 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.130 W/kg
Smallest distance from peaks to all points 3 dB below = 7.8 mm
Ratio of SAR at M2 to SAR at M1 = 38.1%
Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/7

27_Bluetooth_Ch78_Bottom of laptop_0mm_ANT Aux

DUT: H7600Z, J7600Z, W7600Z

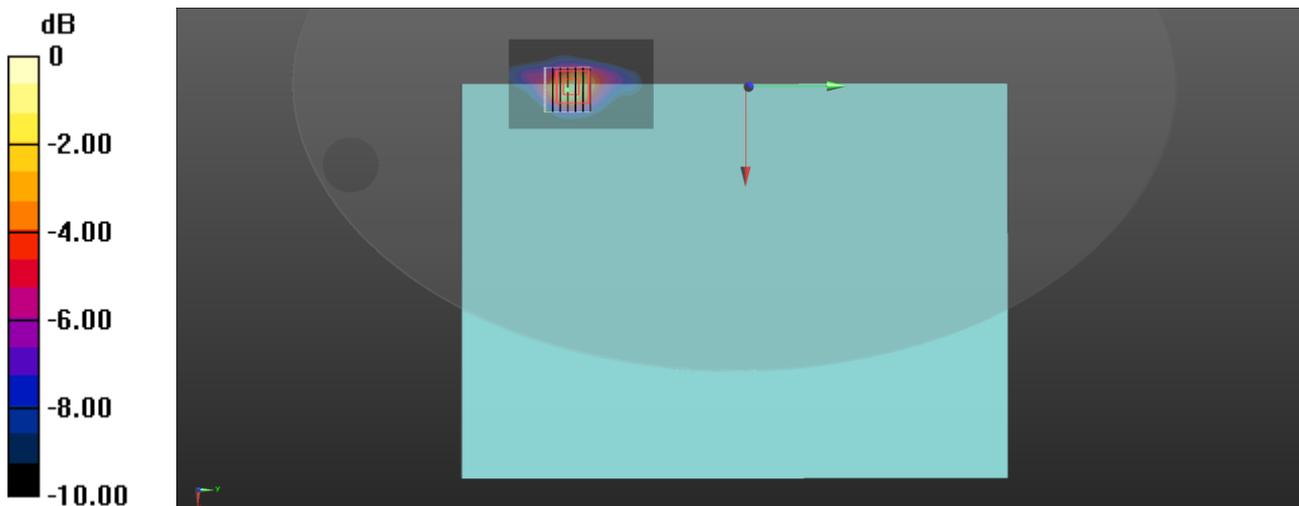
Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.271
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.863$ S/m; $\epsilon_r = 39.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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) @ 2480 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) = 0.142 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 7.433 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.227 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.036 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 37.5%
Maximum value of SAR (measured) = 0.162 W/kg



0 dB = 0.162 W/kg = -7.90 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/2

01_WLAN 5 GHz_802.11ac_VHT80_Ch58_Bottom of laptop_0mm_ANT Main

DUT: H7600Z, J7600Z, W7600Z

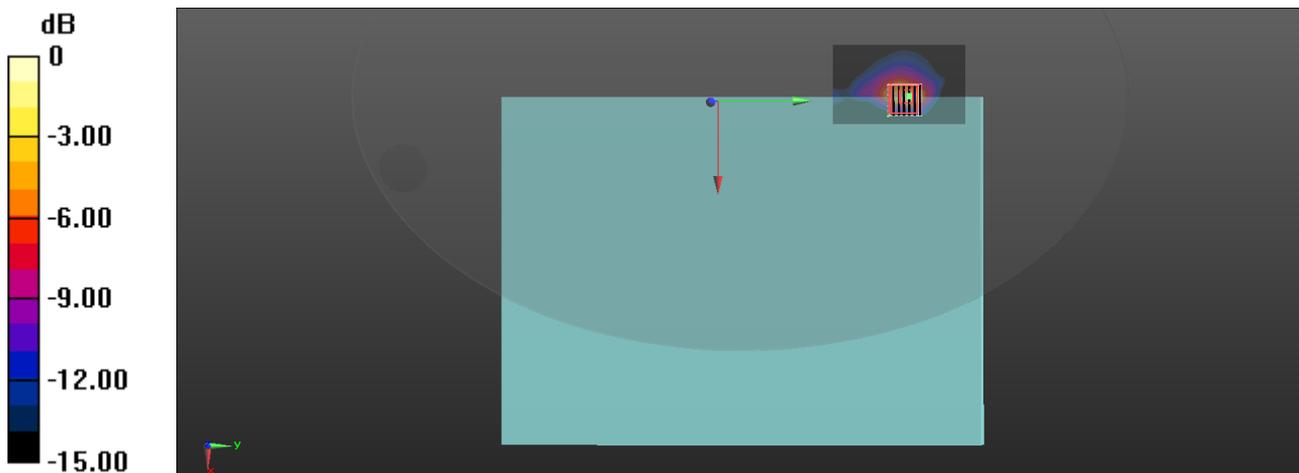
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.022
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.734$ S/m; $\epsilon_r = 36.559$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.75, 5.75, 5.75) @ 5290 MHz; Calibrated: 2021/4/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.41 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 3.20 W/kg
SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.139 W/kg
Smallest distance from peaks to all points 3 dB below = 4.1 mm
Ratio of SAR at M2 to SAR at M1 = 57.7%
Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/2

02_WLAN 5 GHz_802.11ac_VHT80_Ch58_Bottom of laptop_0mm_ANT Aux

DUT: H7600Z, J7600Z, W7600Z

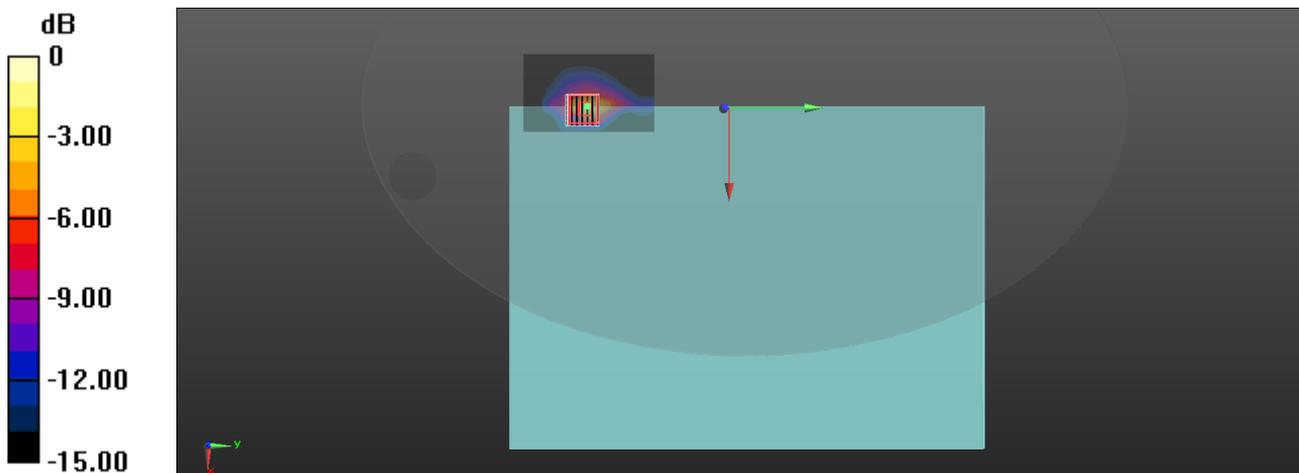
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.022
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.734$ S/m; $\epsilon_r = 36.559$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.75, 5.75, 5.75) @ 5290 MHz; Calibrated: 2021/4/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 13.59 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.169 W/kg
Smallest distance from peaks to all points 3 dB below = 4.8 mm
Ratio of SAR at M2 to SAR at M1 = 61%
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/2

03_WLAN 5 GHz_802.11ac_VHT80_Ch138_Bottom of laptop_0mm_ANT Main

DUT: H7600Z, J7600Z, W7600Z

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.022
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 35.632$; $\rho = 1000$ 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 - SN7647; ConvF(5.23, 5.23, 5.23) @ 5690 MHz; Calibrated: 2021/4/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.68 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.11 V/m; Power Drift = -0.15 dB

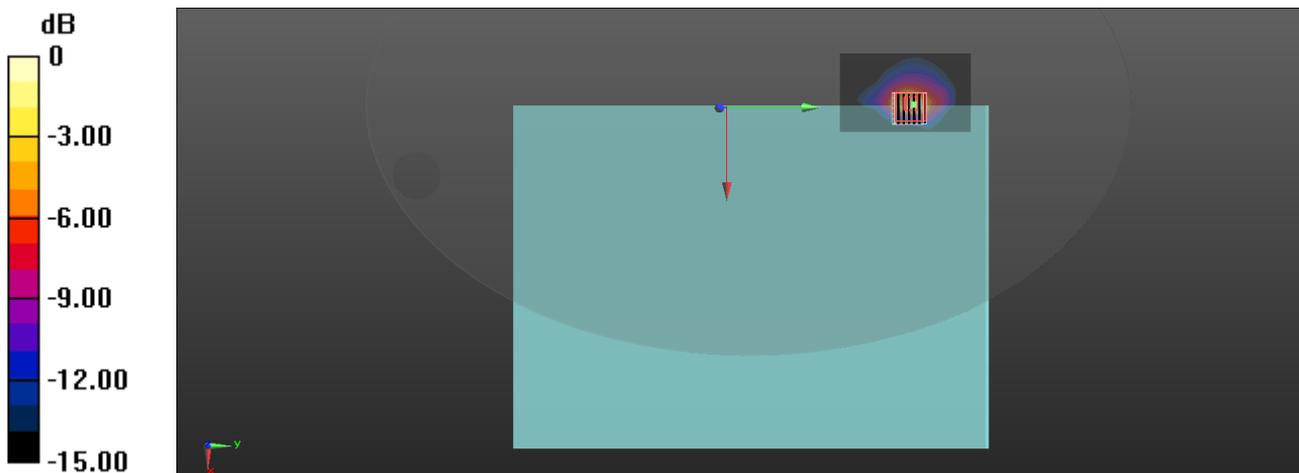
Peak SAR (extrapolated) = 5.67 W/kg

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.235 W/kg

Smallest distance from peaks to all points 3 dB below = 4.1 mm

Ratio of SAR at M2 to SAR at M1 = 60.5%

Maximum value of SAR (measured) = 2.35 W/kg



0 dB = 2.35 W/kg = 3.71 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/2

04_WLAN 5 GHz_802.11ac_VHT80_Ch106_Bottom of laptop_0mm_ANT Aux

DUT: H7600Z, J7600Z, W7600Z

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5530 MHz;Duty Cycle: 1:1.022
Medium parameters used: $f = 5530$ MHz; $\sigma = 4.995$ S/m; $\epsilon_r = 36.264$; $\rho = 1000$ 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 - SN7647; ConvF(5.25, 5.25, 5.25) @ 5530 MHz; Calibrated: 2021/4/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.13 V/m; Power Drift = -0.10 dB

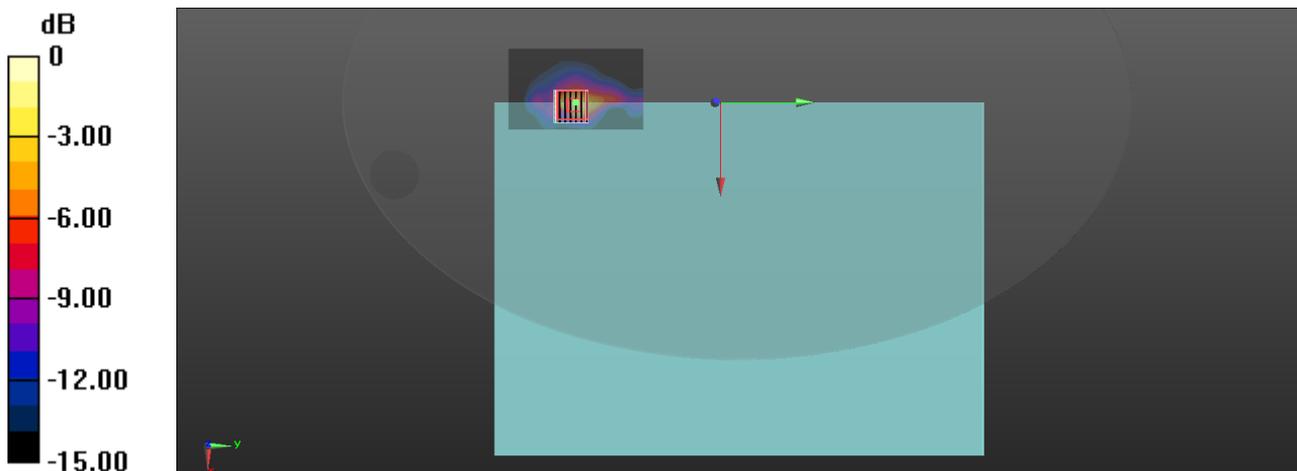
Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.183 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 57%

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 1.85 W/kg = 2.67 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/2

05_WLAN 5 GHz_802.11ac_VHT80_Ch155_Bottom of laptop_0mm_ANT Main

DUT: H7600Z, J7600Z, W7600Z

Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.022
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.298$ S/m; $\epsilon_r = 35.672$; $\rho = 1000$ 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 - SN7647; ConvF(5.23, 5.23, 5.23) @ 5775 MHz; Calibrated: 2021/4/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 3.12 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.06 V/m; Power Drift = -0.17 dB

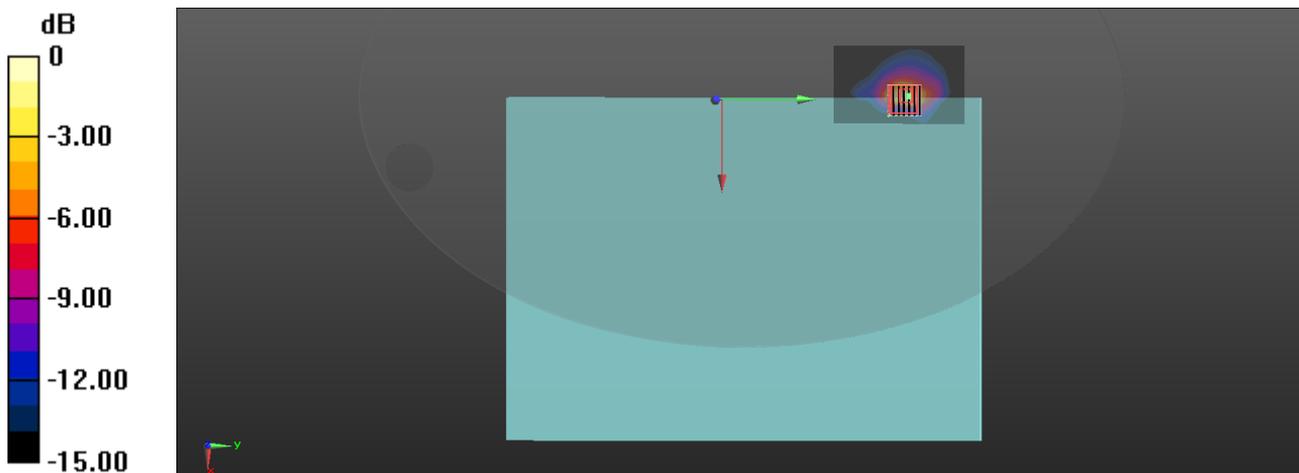
Peak SAR (extrapolated) = 6.44 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.259 W/kg

Smallest distance from peaks to all points 3 dB below = 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.2%

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/1/2

06_WLAN 5 GHz_802.11ac_VHT80_Ch155_Bottom of laptop_0mm_ANT Aux

DUT: H7600Z, J7600Z, W7600Z

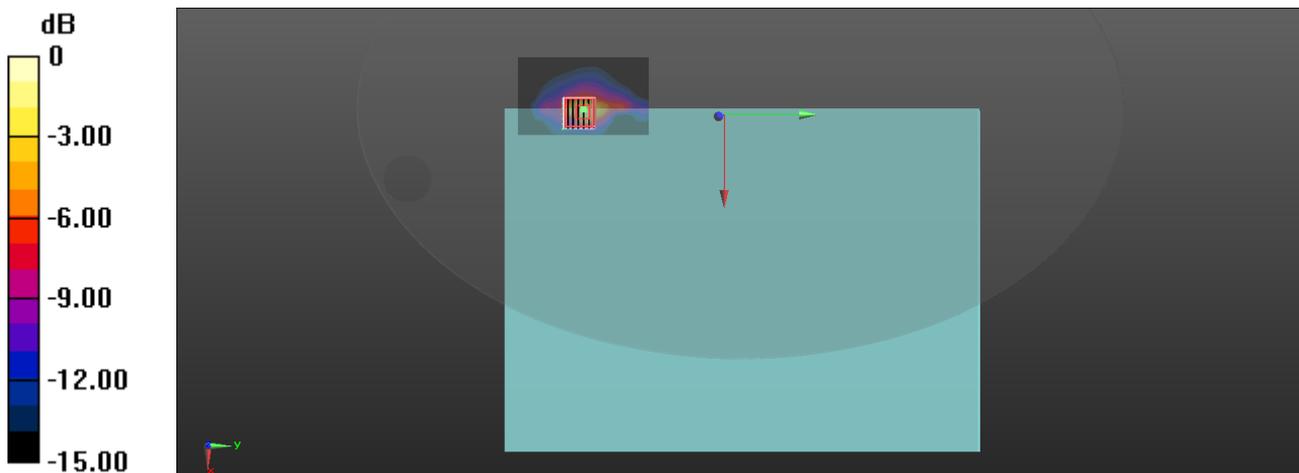
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5775 MHz;Duty Cycle: 1:1.022
Medium parameters used: $f = 5775$ MHz; $\sigma = 5.298$ S/m; $\epsilon_r = 35.672$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.23, 5.23, 5.23) @ 5775 MHz; Calibrated: 2021/4/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2021/3/22
- Phantom: ELI V5.0; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.55 W/kg

/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.57 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.94 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.188 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 54.6%
Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

17_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_0mm_ANT Main

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	5.6	5.63	35.6

Hardware Setup

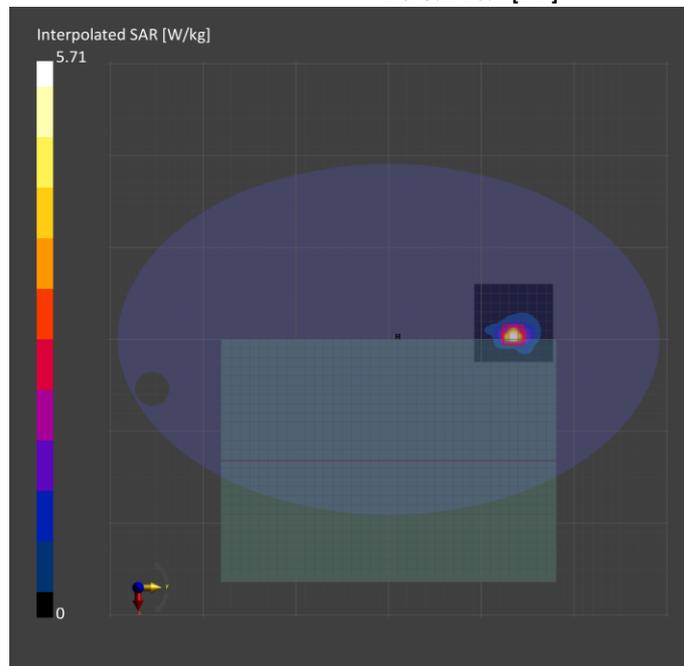
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.938	1.08
psSAR10g [W/Kg]	0.290	0.298
psPDab (1.0cm2, sq) [W/m2]		10.8
psPDab (4.0cm2, sq) [W/m2]		6.91
Power Drift [dB]	-0.06	-0.13
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.6
Dist 3dB Peak [mm]		4.3



Test Laboratory: A Test Lab Techno Corp.

21_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6345.0, 79	5.6	5.96	34.9

Hardware Setup

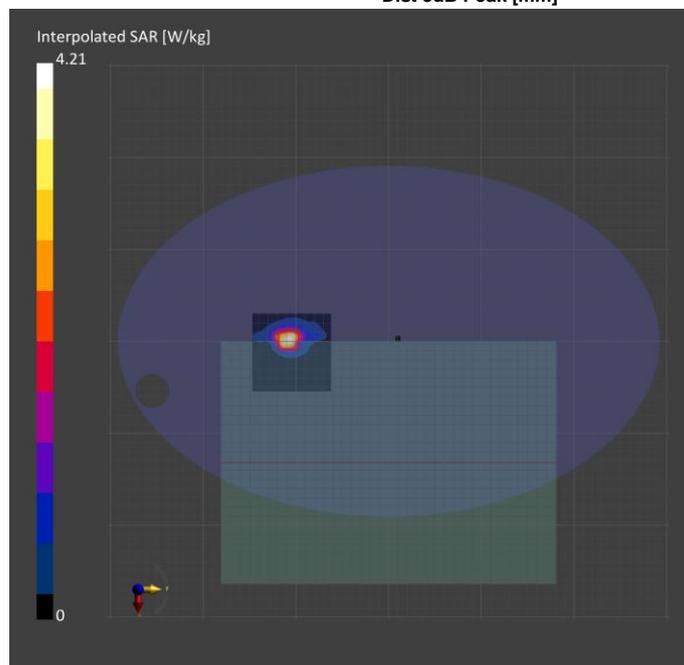
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.671	0.814
psSAR10g [W/Kg]	0.225	0.241
psPDab (1.0cm2, sq) [W/m2]		8.12
psPDab (4.0cm2, sq) [W/m2]		5.54
Power Drift [dB]	0.13	-0.18
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.7
Dist 3dB Peak [mm]		5.0



Test Laboratory: A Test Lab Techno Corp.

18_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0mm_ANT Main

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6.10	34.8

Hardware Setup

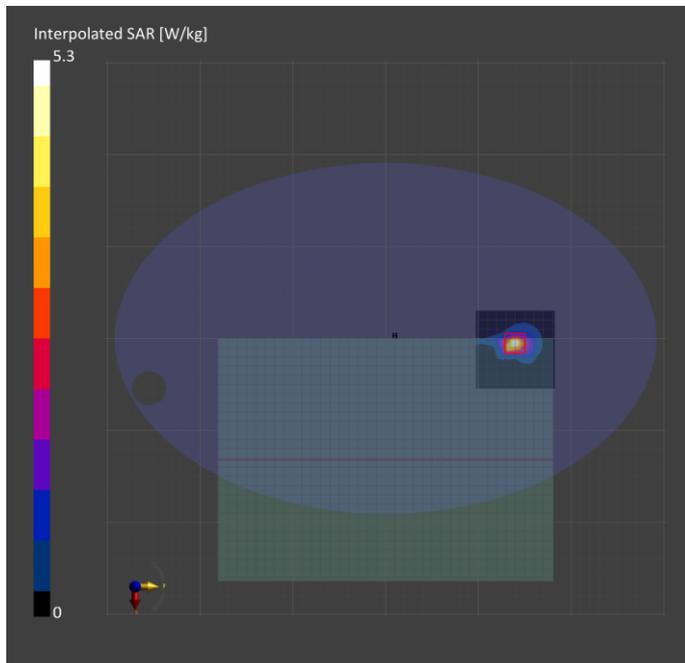
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.655	0.938
psSAR10g [W/Kg]	0.205	0.256
psPDab (1.0cm2, sq) [W/m2]		9.36
psPDab (4.0cm2, sq) [W/m2]		5.93
Power Drift [dB]	0.03	0.17
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.7
Dist 3dB Peak [mm]		4.0



Test Laboratory: A Test Lab Techno Corp.

22_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6.10	34.8

Hardware Setup

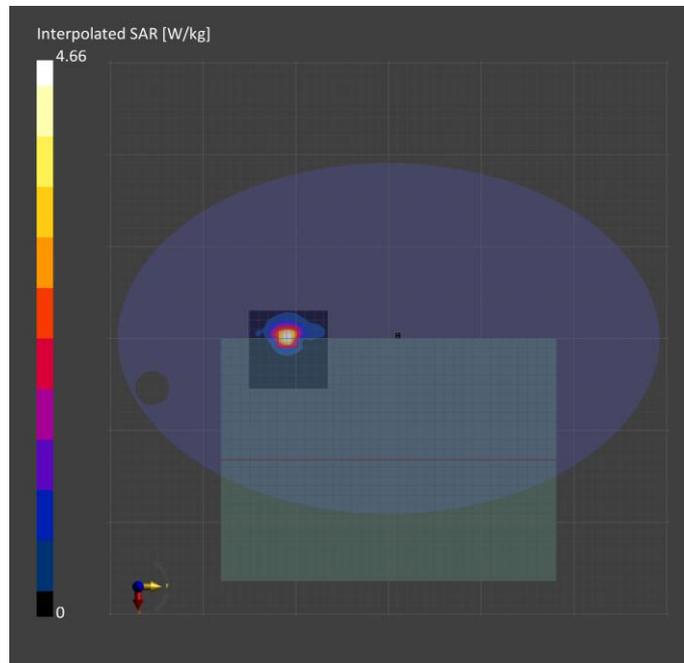
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.728	0.868
psSAR10g [W/Kg]	0.239	0.256
psPDab (1.0cm2, sq) [W/m2]		8.66
psPDab (4.0cm2, sq) [W/m2]		5.90
Power Drift [dB]	-0.16	-0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.6
Dist 3dB Peak [mm]		5.8



Test Laboratory: A Test Lab Techno Corp.

19_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0mm_ANT Main

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6.30	34.3

Hardware Setup

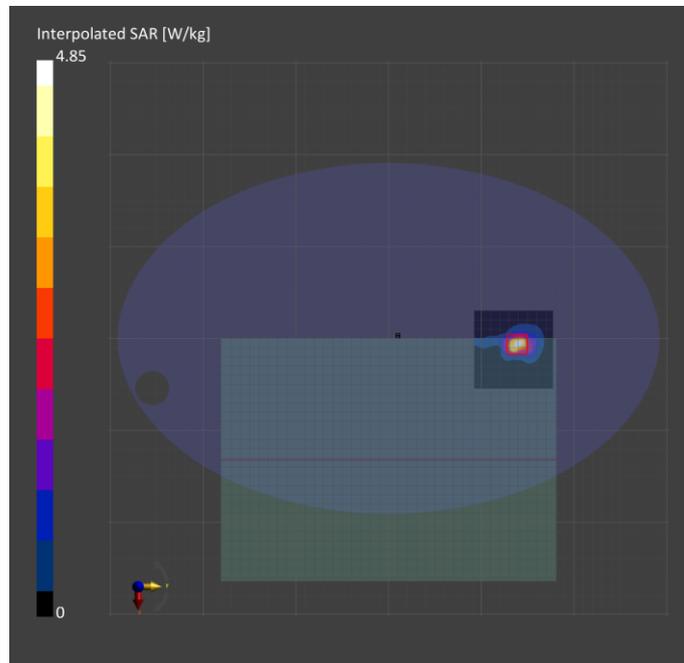
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.615	0.853
psSAR10g [W/Kg]	0.195	0.238
psPDab (1.0cm2, sq) [W/m2]		8.53
psPDab (4.0cm2, sq) [W/m2]		5.52
Power Drift [dB]	0.18	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		4.1



Test Laboratory: A Test Lab Techno Corp.

23_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6.30	34.3

Hardware Setup

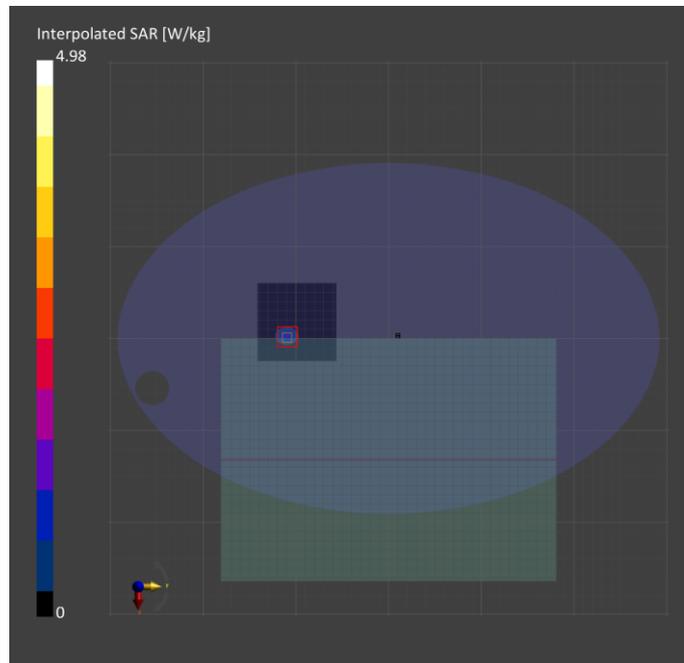
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.817	0.887
psSAR10g [W/Kg]	0.246	0.256
psPDab (1.0cm2, sq) [W/m2]		8.87
psPDab (4.0cm2, sq) [W/m2]		5.94
Power Drift [dB]	-0.18	0.19
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.2
Dist 3dB Peak [mm]		5.8



Test Laboratory: A Test Lab Techno Corp.

20_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0mm_ANT Main

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6.64	33.7

Hardware Setup

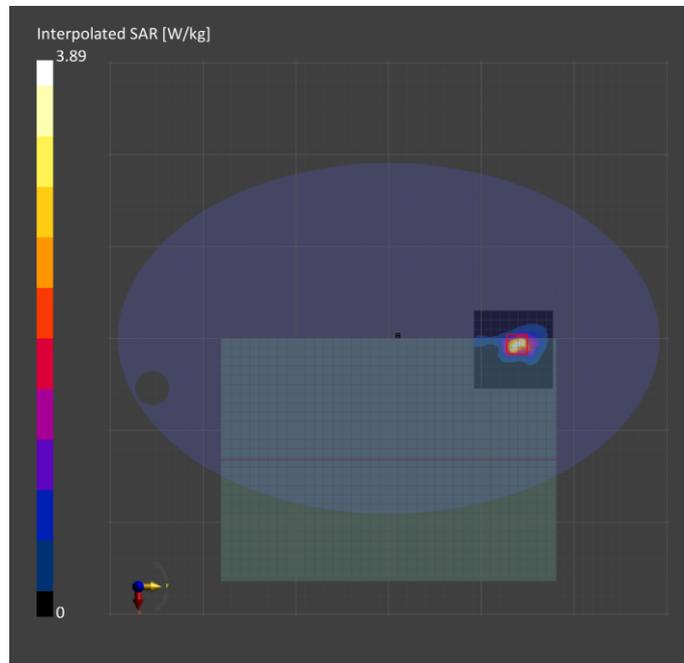
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.470	0.635
psSAR10g [W/Kg]	0.154	0.180
psPDab (1.0cm2, sq) [W/m2]		6.35
psPDab (4.0cm2, sq) [W/m2]		4.18
Power Drift [dB]	0.03	0.09
TSL Correction	Positive only	Positive only
M2/M1 [%]		43.6
Dist 3dB Peak [mm]		4.6



Test Laboratory: A Test Lab Techno Corp.

24_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_0mm_ANT Aux

Device under Test Properties

Model: H7600Z, J7600Z, W7600Z

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	6.64	33.7

Hardware Setup

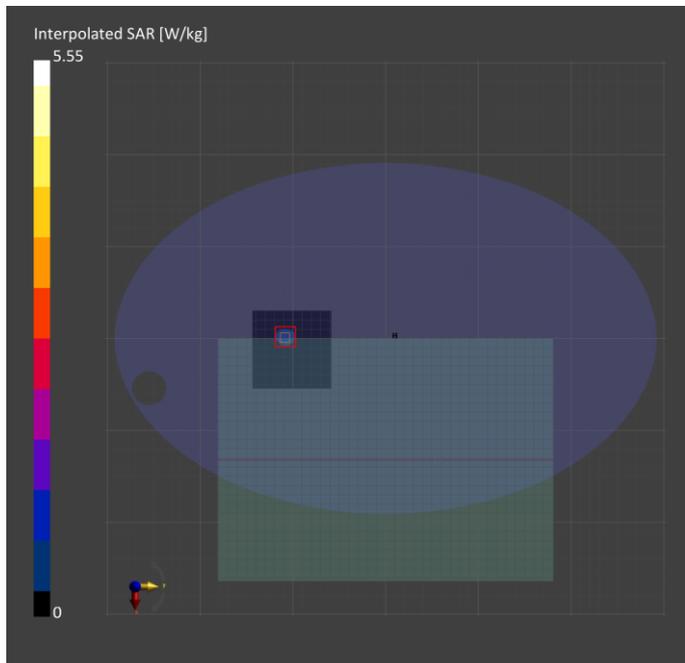
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2021-03-26	DAE4 Sn541, 2021-03-22

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	2022-01-06	2022-01-06
psSAR1g [W/Kg]	0.743	0.924
psSAR10g [W/Kg]	0.235	0.257
psPDab (1.0cm2, sq) [W/m2]		9.24
psPDab (4.0cm2, sq) [W/m2]		5.95
Power Drift [dB]	0.11	-0.19
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.6
Dist 3dB Peak [mm]		6.1



Test Laboratory: A Test Lab Techno Corp.

7_WLAN 6 GHz_802.11ax HE160_Ch47_Bottom of laptop_2mm_ANT Main

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

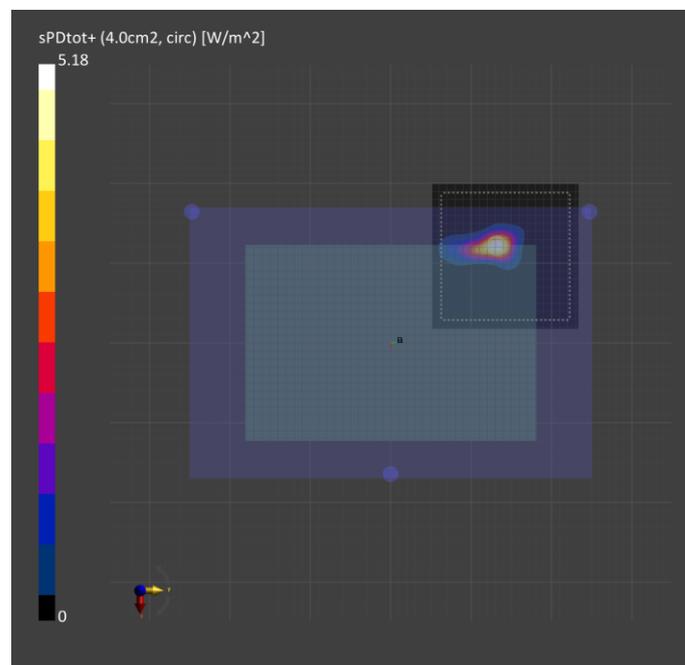
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	4.43
psPDtot+ [W/m ²]	5.18
psPDmod+ [W/m ²]	10.3
E _{max} [V/m]	98.1
H _{max} [A/m]	0.251
Power Drift [dB]	-0.02



Test Laboratory: A Test Lab Techno Corp.

11_WLAN 6 GHz_802.11ax HE160_Ch15_Bottom of laptop_2mm_ANT Main

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

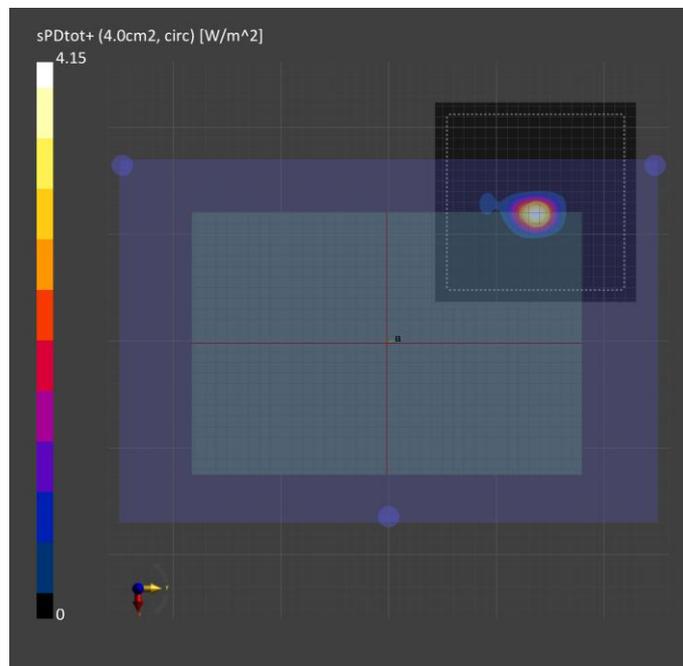
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	3.45
psPDtot+ [W/m ²]	4.15
psPDmod+ [W/m ²]	9.09
E _{max} [V/m]	73.6
H _{max} [A/m]	0.232
Power Drift [dB]	0.00



Test Laboratory: A Test Lab Techno Corp.

08_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2mm_ANT Main

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

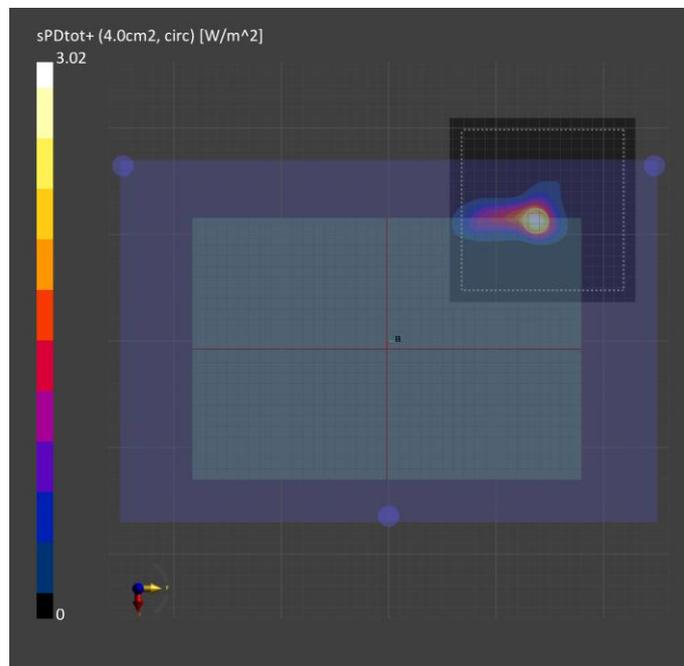
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.47
psPDtot+ [W/m ²]	3.02
psPDmod+ [W/m ²]	4.77
E _{max} [V/m]	61.6
H _{max} [A/m]	0.170
Power Drift [dB]	-0.16



Test Laboratory: A Test Lab Techno Corp.

09_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2mm_ANT Main

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

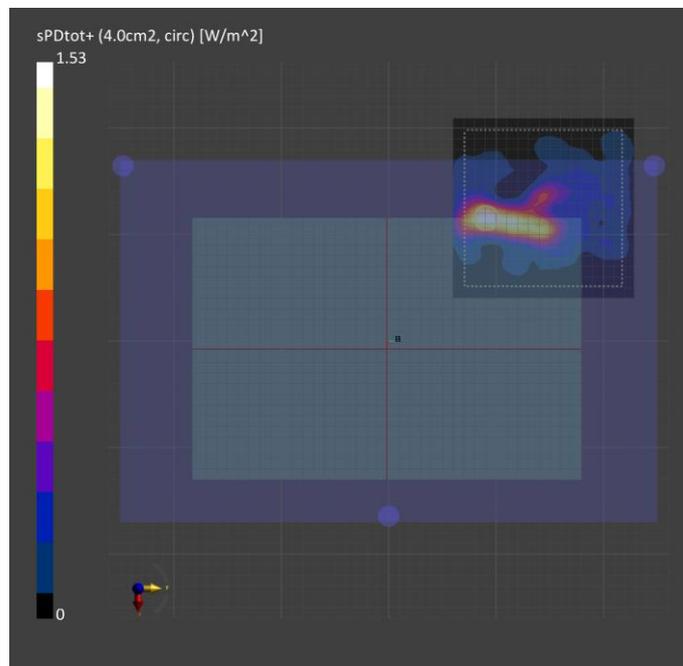
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.16
psPDtot+ [W/m ²]	1.53
psPDmod+ [W/m ²]	2.82
E _{max} [V/m]	57.8
H _{max} [A/m]	0.124
Power Drift [dB]	0.07



Test Laboratory: A Test Lab Techno Corp.

10_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2mm_ANT Main

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

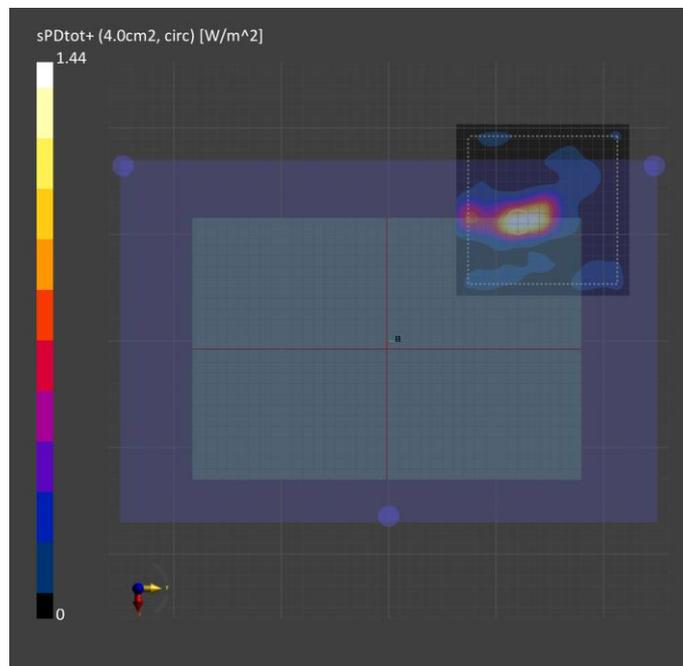
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.930
psPDtot+ [W/m ²]	1.44
psPDmod+ [W/m ²]	2.55
E _{max} [V/m]	49.2
H _{max} [A/m]	0.122
Power Drift [dB]	0.05



Test Laboratory: A Test Lab Techno Corp.

12_WLAN 6 GHz_802.11ax HE160_Ch79_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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	6345.0, 79	1.0

Hardware Setup

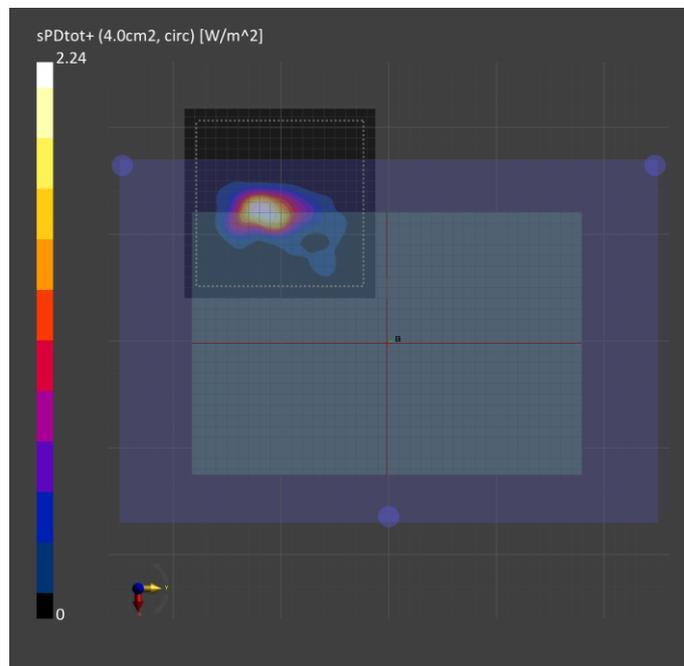
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.21
psPDtot+ [W/m ²]	2.24
psPDmod+ [W/m ²]	3.82
E _{max} [V/m]	53.8
H _{max} [A/m]	0.155
Power Drift [dB]	-0.05



Test Laboratory: A Test Lab Techno Corp.

13_WLAN 6 GHz_802.11ax HE160_Ch111_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

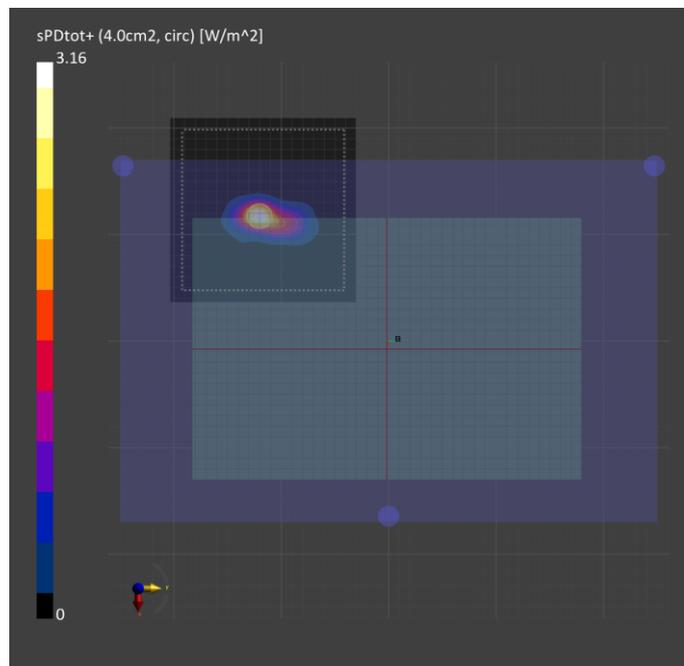
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.29
psPDtot+ [W/m ²]	3.16
psPDmod+ [W/m ²]	5.56
E _{max} [V/m]	66.3
H _{max} [A/m]	0.192
Power Drift [dB]	-0.10



Test Laboratory: A Test Lab Techno Corp.

16_WLAN 6 GHz_802.11ax HE160_Ch175_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

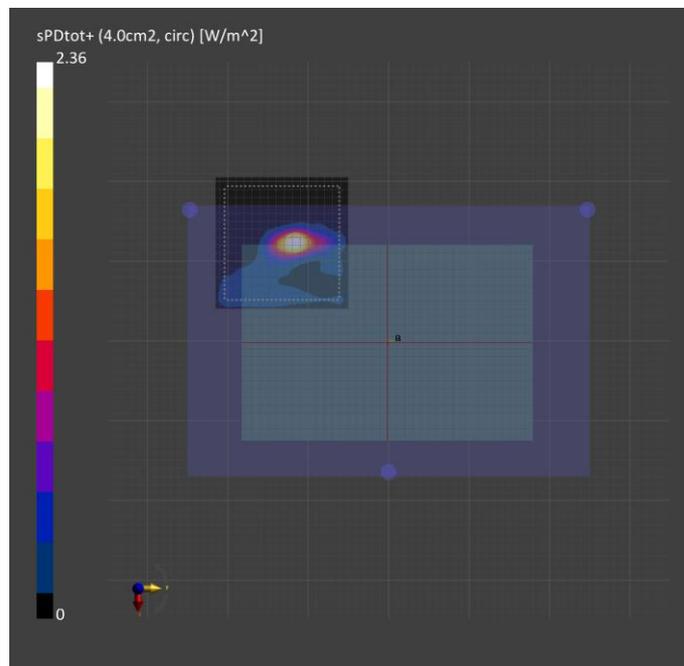
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.61
psPDtot+ [W/m ²]	2.36
psPDmod+ [W/m ²]	3.35
E _{max} [V/m]	54.2
H _{max} [A/m]	0.105
Power Drift [dB]	-0.18



Test Laboratory: A Test Lab Techno Corp.

14_WLAN 6 GHz_802.11ax HE160_Ch143_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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

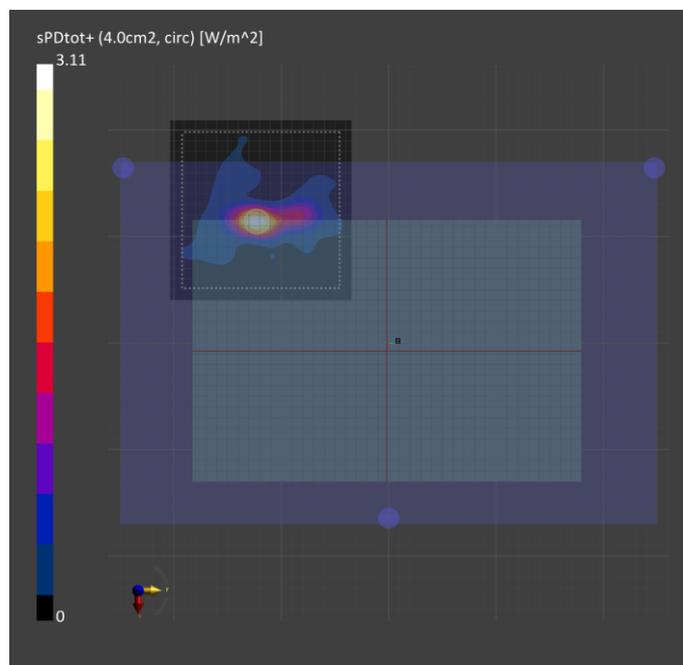
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2021-03-22

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	2.83
psPDtot+ [W/m ²]	3.11
psPDmod+ [W/m ²]	4.54
E _{max} [V/m]	50.5
H _{max} [A/m]	0.160
Power Drift [dB]	-0.17



Test Laboratory: A Test Lab Techno Corp.

15_WLAN 6 GHz_802.11ax HE160_Ch207_Bottom of laptop_2mm_ANT Aux

Device under Test Properties

Model:H7600Z, J7600Z, W7600Z

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	2022-01-05
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.50
psPDtot+ [W/m ²]	2.29
psPDmod+ [W/m ²]	4.29
E _{max} [V/m]	61.6
H _{max} [A/m]	0.150
Power Drift [dB]	-0.17

