Appendix C - Highest Measurement Plots

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/26

01_WLAN 2.4 GHz_802.11b_Ch6_Side 1_0 mm_ANT Main

DUT: B3402FB

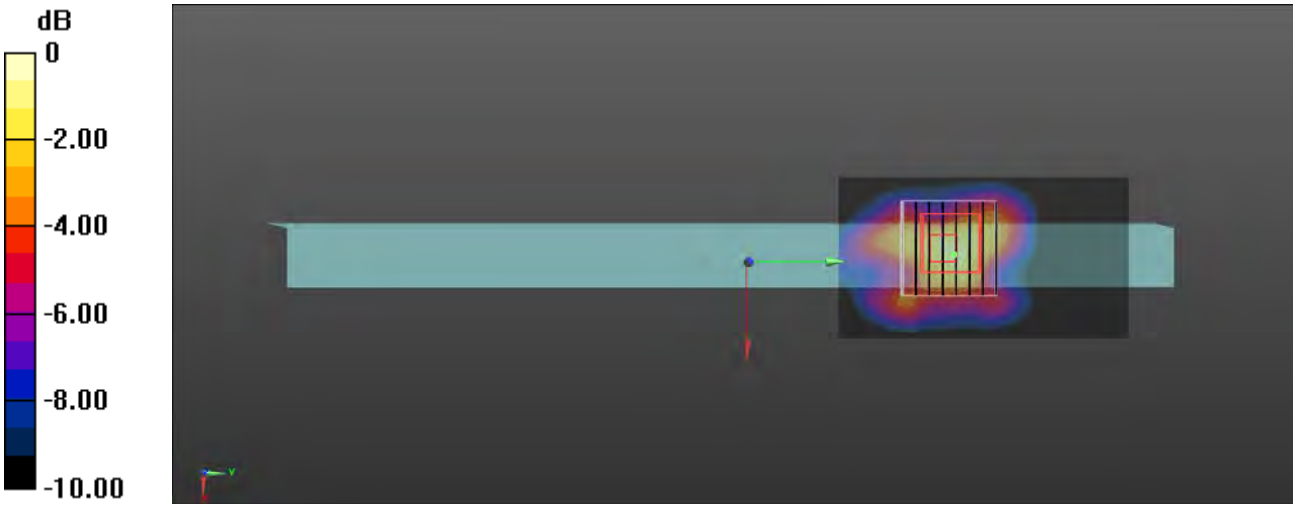
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz;Duty Cycle: 1:1.014
Medium parameters used (interpolated): f = 2437 MHz; σ = 1.781 S/m; ε_r = 39.69; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(8.13, 8.13, 8.13) @ 2437 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.262 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.76 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.076 W/kg
Smallest distance from peaks to all points 3 dB below = 6 mm
Ratio of SAR at M2 to SAR at M1 = 35.7%
Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.324 W/kg = -4.89 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/26

02_WLAN 2.4 GHz_802.11b_Ch12_Side 1_0 mm_ANT Aux

DUT: B3402FB

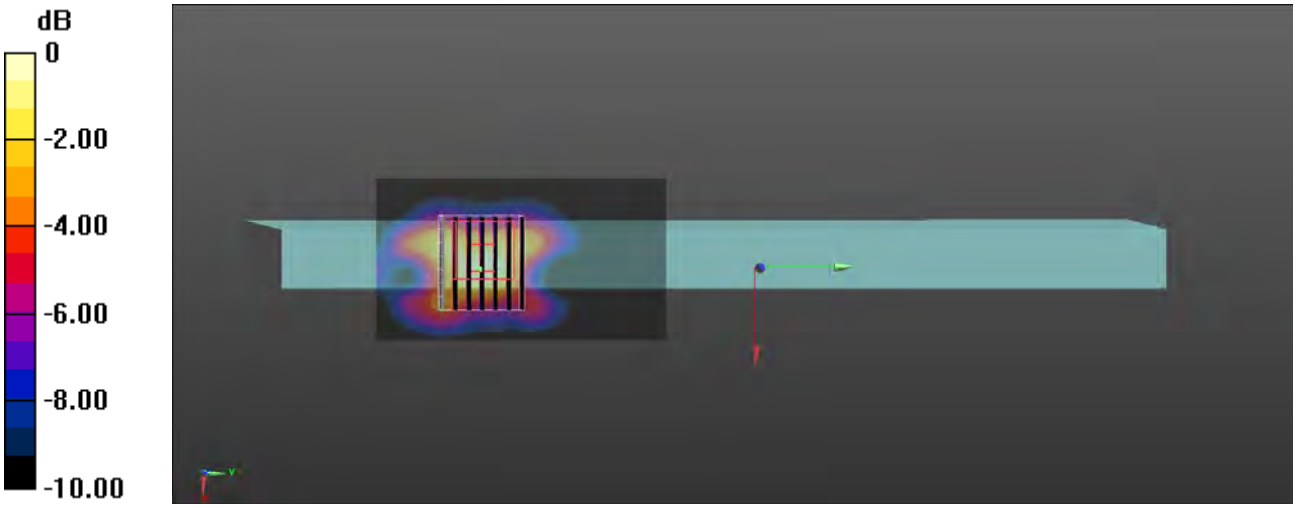
Communication System: UID 0, IEEE 802.11b (0); Frequency: 2467 MHz;Duty Cycle: 1:1.011
Medium parameters used (interpolated): f = 2467 MHz; σ = 1.818 S/m; ε_r = 39.612; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(8.13, 8.13, 8.13) @ 2467 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (51x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.420 W/kg

Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.79 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.721 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.090 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 30.5%
Maximum value of SAR (measured) = 0.421 W/kg



0 dB = 0.421 W/kg = -3.76 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/26

03_Bluetooth_GFSK_Ch39_Side 1_0 mm_ANT Aux

DUT: B3402FB

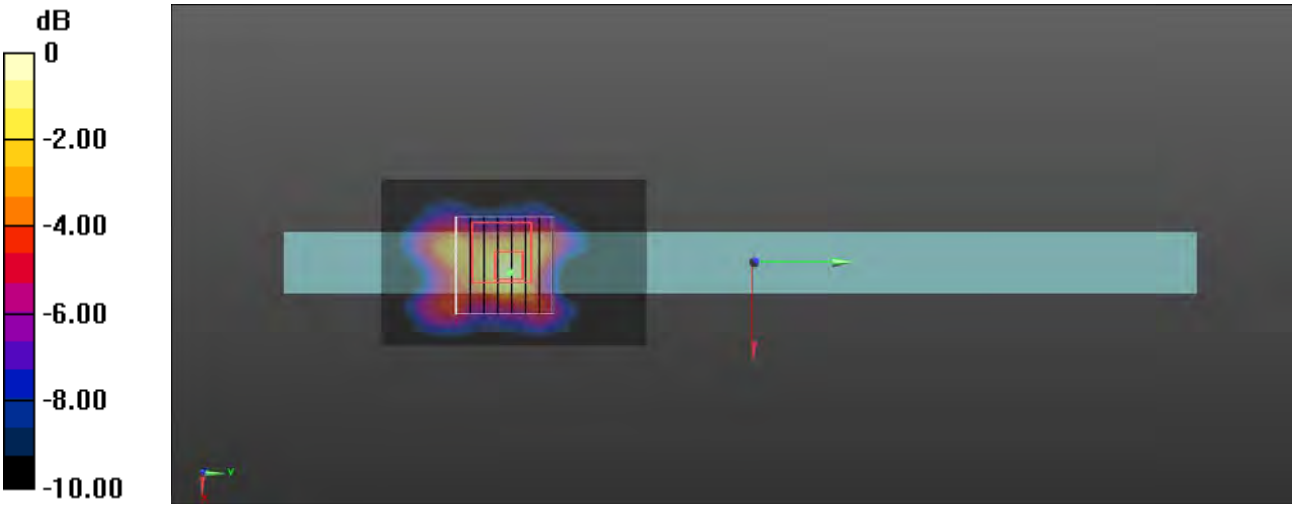
Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2441 MHz;Duty Cycle: 1:1.347
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.786 S/m; ε_r = 39.681; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(8.13, 8.13, 8.13) @ 2441 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- 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) = 0.103 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.411 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 35.4%
Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/27

04_WLAN 5 GHz_802.11n HT40_Ch54_Side 1_0 mm_ANT Main

DUT: B3402FB

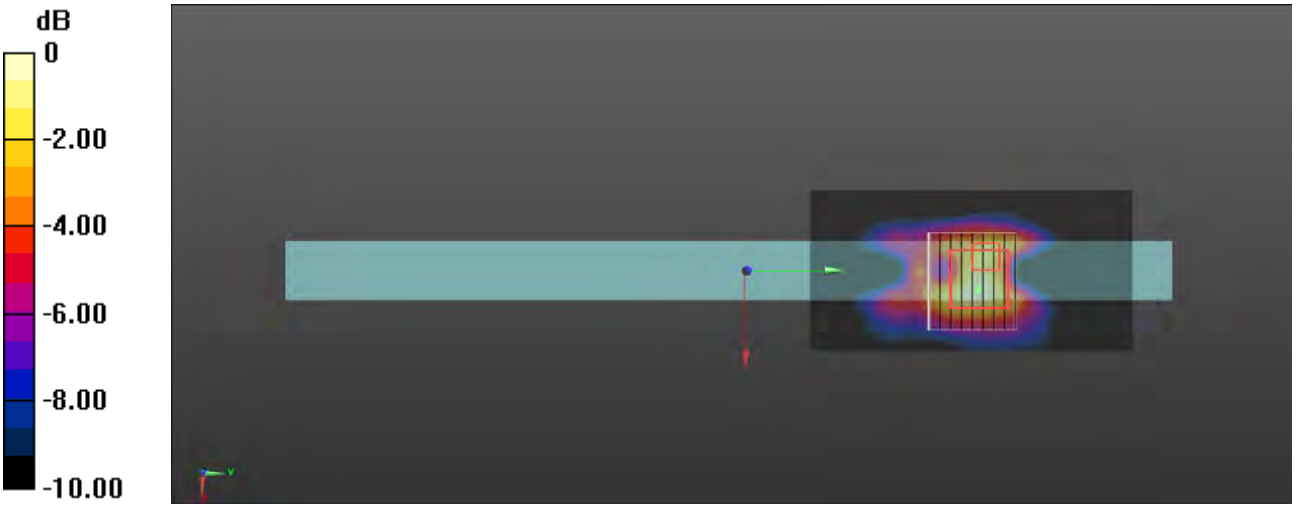
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1.084
Medium parameters used: f = 5270 MHz; σ = 4.657 S/m; ε_r = 35.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.74, 5.74, 5.74) @ 5270 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.550 W/kg

Zoom Scan (10x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 9.020 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.078 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 61.7%
Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg = -2.52 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/27

05_WLAN 5 GHz_802.11ac VHT80_Ch58_Side 1_0 mm_ANT Aux

DUT: B3402FB

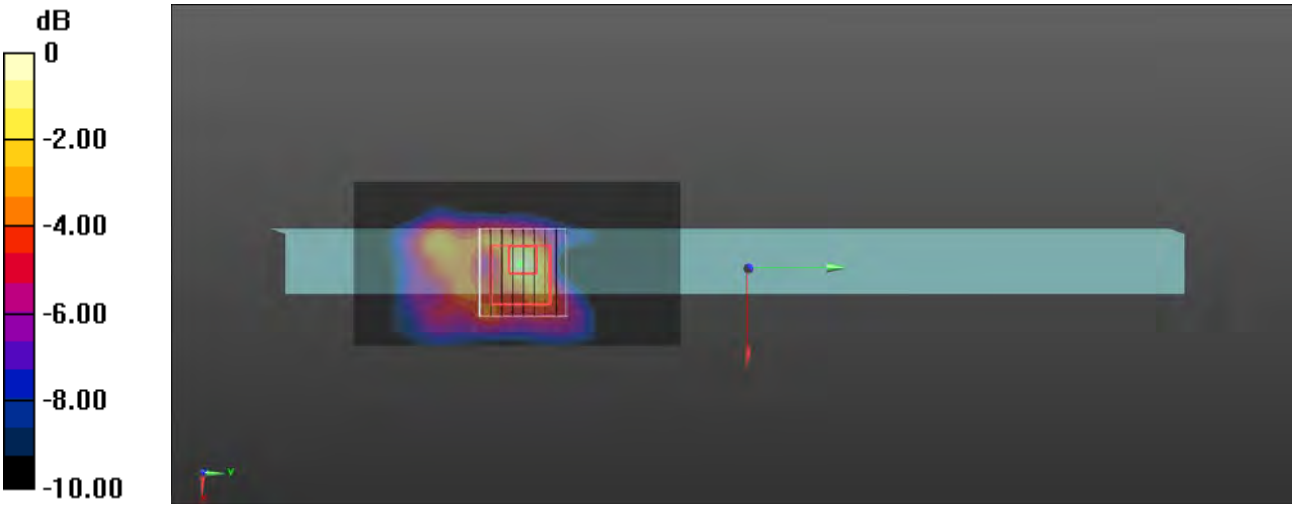
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5290 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5290 MHz; σ = 4.676 S/m; ε_r = 35.272; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.74, 5.74, 5.74) @ 5290 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.494 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.673 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.063 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 63.7%
Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.541 W/kg = -2.67 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/27

06_WLAN 5 GHz_802.11ac VHT80_Ch138_Side 1_0 mm_ANT Main

DUT: B3402FB

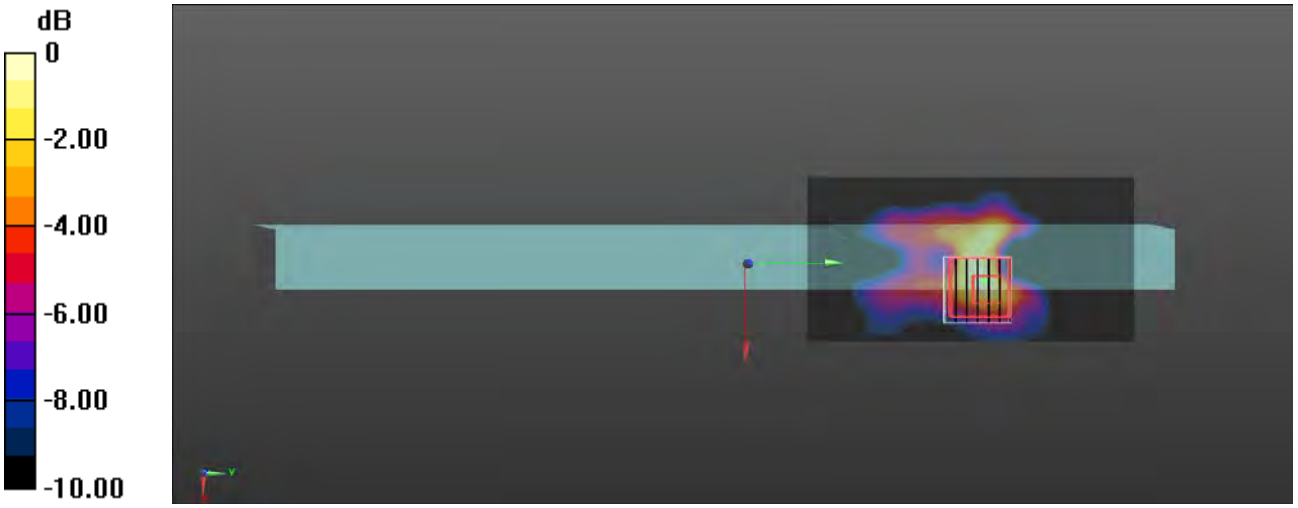
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.071
Medium parameters used: f = 5690 MHz; σ = 5.077 S/m; ε_r = 34.485; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.25, 5.25, 5.25) @ 5690 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.498 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.380 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.891 W/kg
SAR(1 g) = 0.152 W/kg; SAR(10 g) = 0.047 W/kg
Smallest distance from peaks to all points 3 dB below = 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 58%
Maximum value of SAR (measured) = 0.494 W/kg



0 dB = 0.494 W/kg = -3.06 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/27

07_WLAN 5 GHz_802.11ac VHT80_Ch138_Side 1_0 mm_ANT Aux

DUT: B3402FB

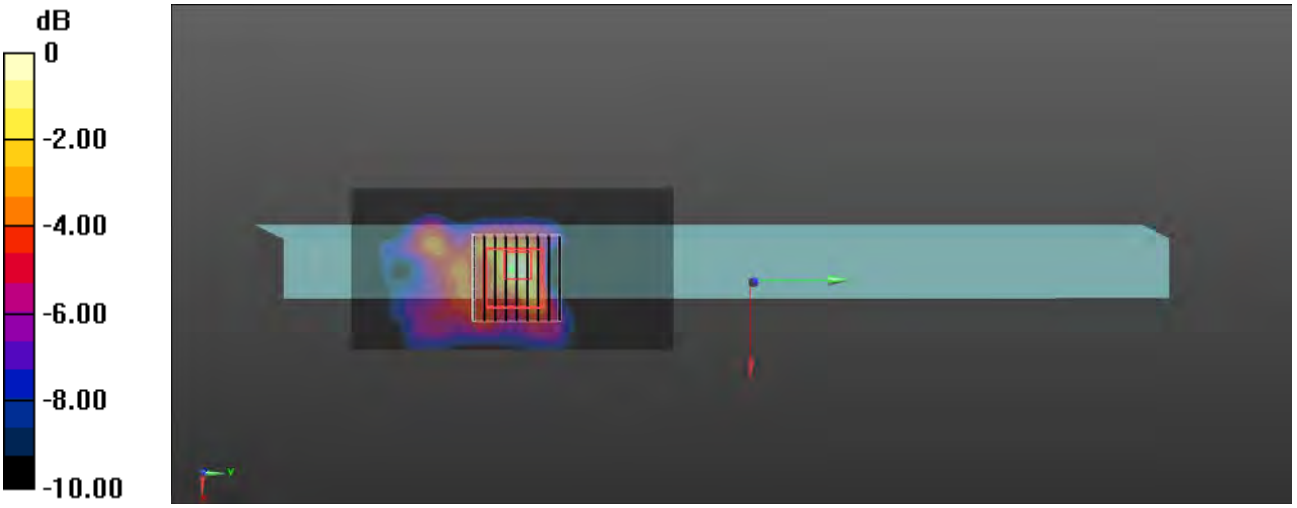
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.07
Medium parameters used: f = 5690 MHz; σ = 5.077 S/m; ε_r = 34.485; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.25, 5.25, 5.25) @ 5690 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.449 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.481 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.051 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 58.2%
Maximum value of SAR (measured) = 0.478 W/kg



0 dB = 0.478 W/kg = -3.21 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/28

08_WLAN 5 GHz_802.11n HT40_Ch151_Side 1_0 mm_ANT Main

DUT: B3402FB

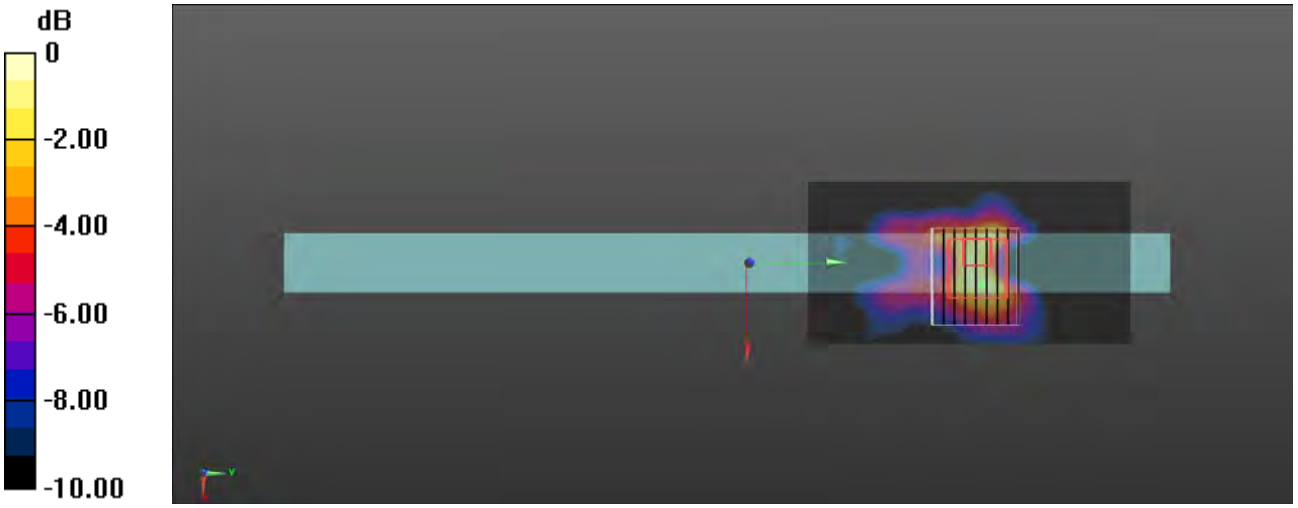
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5755 MHz;Duty Cycle: 1:1.084
Medium parameters used: f = 5755 MHz; σ = 5.23 S/m; ε_r = 36.233; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.25, 5.25, 5.25) @ 5755 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.404 W/kg

Zoom Scan (10x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.216 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.056 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 60.6%
Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2022/5/28

09_WLAN 5 GHz_802.11n HT40_Ch151_Side 1_0 mm_ANT Aux

DUT: B3402FB

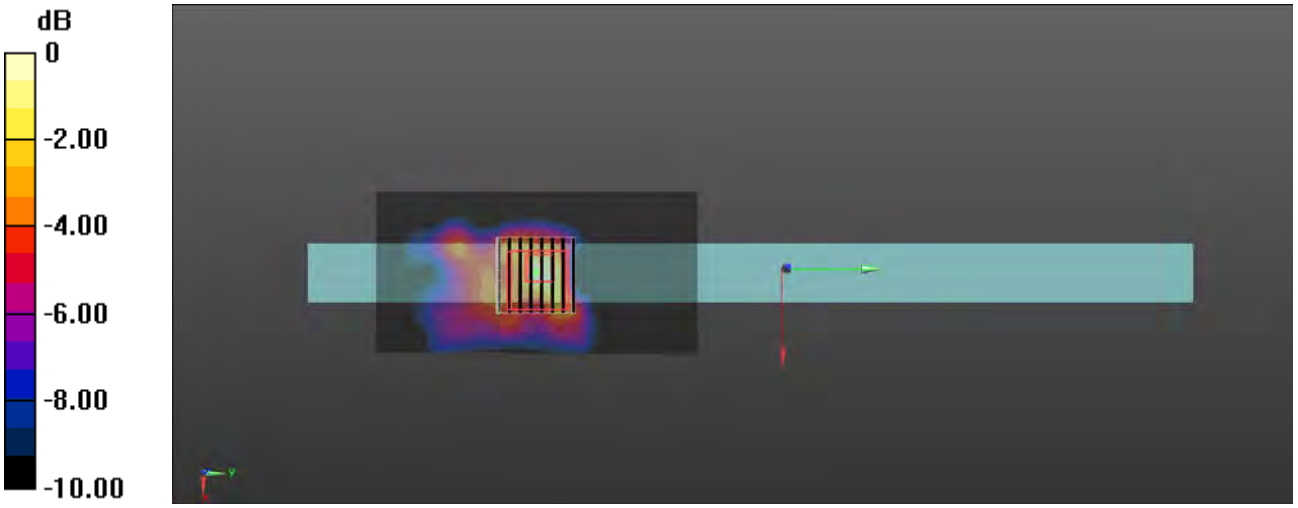
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5755 MHz;Duty Cycle: 1:1.08
Medium parameters used: f = 5755 MHz; σ = 5.23 S/m; ε_r = 36.233; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

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 - SN7647; ConvF(5.25, 5.25, 5.25) @ 5755 MHz; Calibrated: 2022/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1253; Calibrated: 2021/12/30
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1133
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.581 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.376 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.068 W/kg
Smallest distance from peaks to all points 3 dB below = 5.1 mm
Ratio of SAR at M2 to SAR at M1 = 59.7%
Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

10_WLAN 6 GHz_802.11ax HE160_Ch111_Side 1_0 mm_ANT Main

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.07	35.2

Hardware Setup

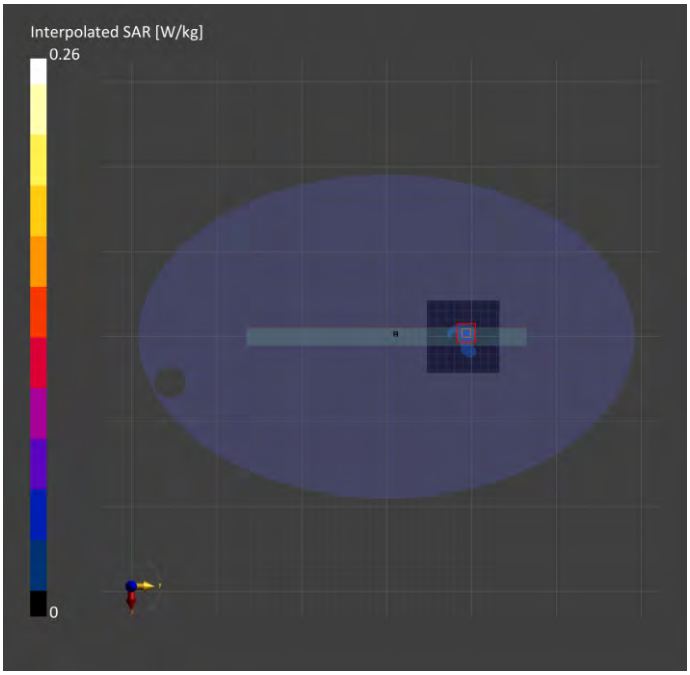
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.045	0.046
psSAR10g [W/Kg]	0.014	0.013
psPDab (1.0cm2, sq) [W/m2]		0.455
psPDab (4.0cm2, sq) [W/m2]		0.314
Power Drift [dB]	0.01	-0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		45.0
Dist 3dB Peak [mm]		4.6



Test Laboratory: A Test Lab Techno Corp.

11_WLAN 6 GHz_802.11ax HE160_Ch47_Side 1_0 mm_ANT Main

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.56	36.0

Hardware Setup

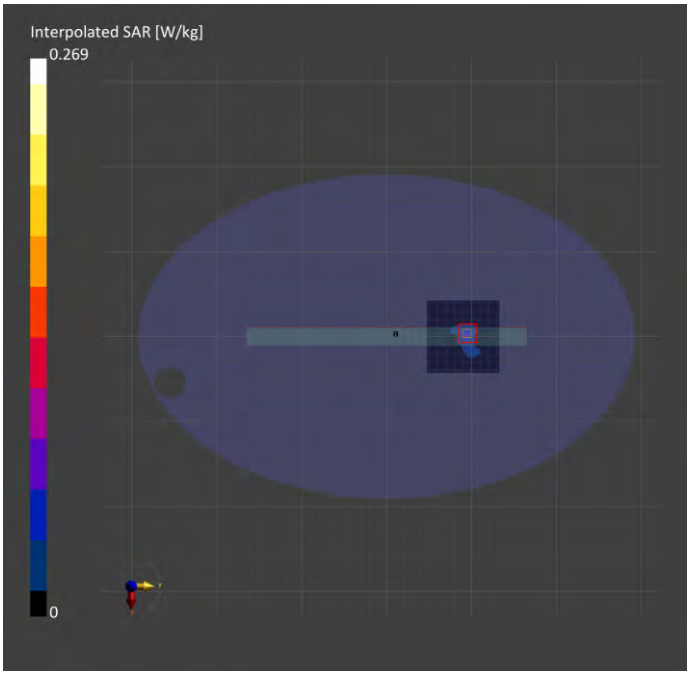
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.053	0.051
psSAR10g [W/Kg]	0.017	0.015
psPDab (1.0cm2, sq) [W/m2]		0.511
psPDab (4.0cm2, sq) [W/m2]		0.343
Power Drift [dB]	0.05	0.03
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.1
Dist 3dB Peak [mm]		5.2



Test Laboratory: A Test Lab Techno Corp.

12_WLAN 6 GHz_802.11ax HE160_Ch79_Side 1_0 mm_ANT Main

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.89	35.5

Hardware Setup

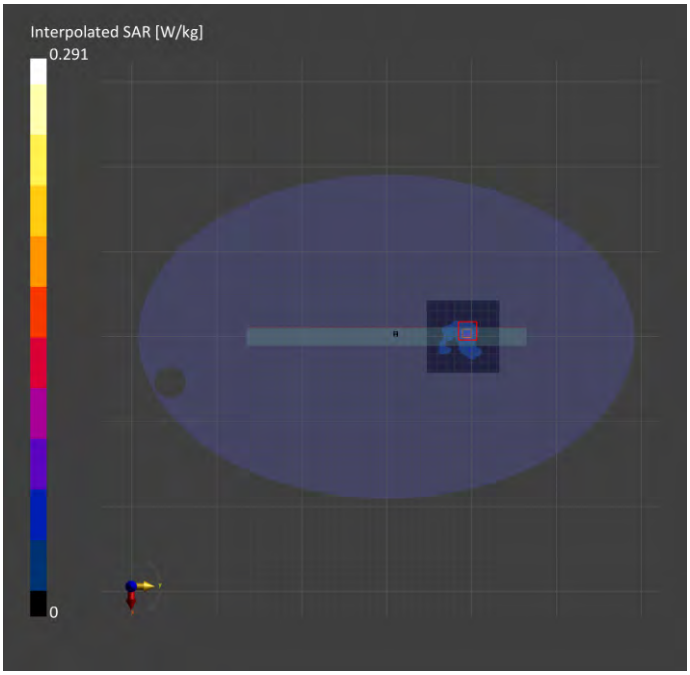
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.062	0.057
psSAR10g [W/Kg]	0.020	0.015
psPDab (1.0cm2, sq) [W/m2]		0.568
psPDab (4.0cm2, sq) [W/m2]		0.362
Power Drift [dB]	-0.15	-0.07
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.8
Dist 3dB Peak [mm]		5.4



Test Laboratory: A Test Lab Techno Corp.

13_WLAN 6 GHz_802.11ax HE160_Ch175_Side 1_0 mm_ANT Main

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	5.5	6.51	34.7

Hardware Setup

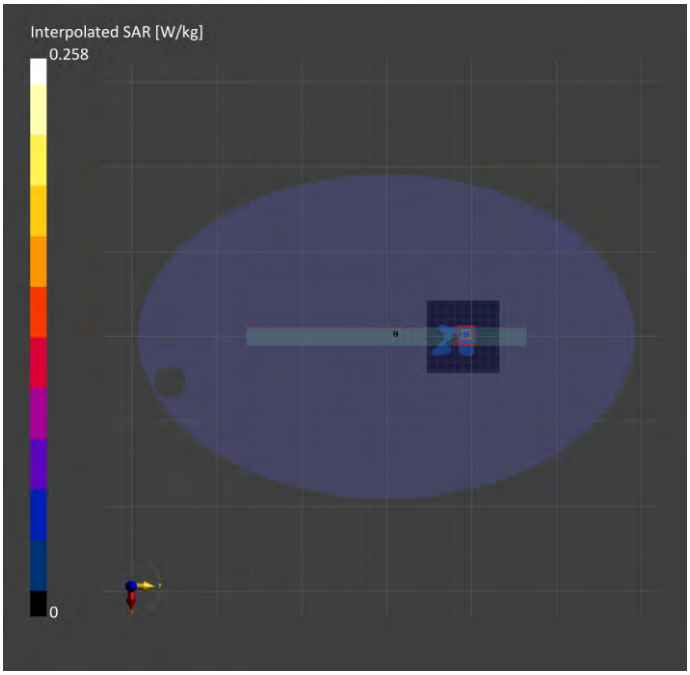
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.046	0.040
psSAR10g [W/Kg]	0.015	0.009
psPDab (1.0cm2, sq) [W/m2]		0.398
psPDab (4.0cm2, sq) [W/m2]		0.217
Power Drift [dB]	-0.01	-0.06
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.5
Dist 3dB Peak [mm]		4.4



Test Laboratory: A Test Lab Techno Corp.

14_WLAN 6 GHz_802.11ax HE160_Ch207_Side 1_0 mm_ANT Main

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.66	34.2

Hardware Setup

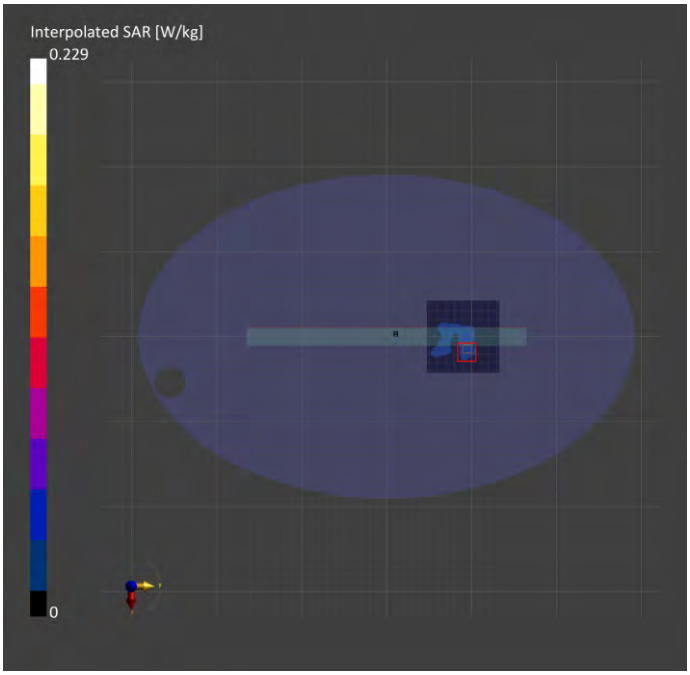
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.038	0.077
psSAR10g [W/Kg]	0.013	0.019
psPDab (1.0cm2, sq) [W/m2]		0.774
psPDab (4.0cm2, sq) [W/m2]		0.463
Power Drift [dB]	-0.05	0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		42.1
Dist 3dB Peak [mm]		3.6



Test Laboratory: A Test Lab Techno Corp.

15_WLAN 6 GHz_802.11ax HE160_Ch111_Side 1_0 mm_ANT Aux

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.07	35.2

Hardware Setup

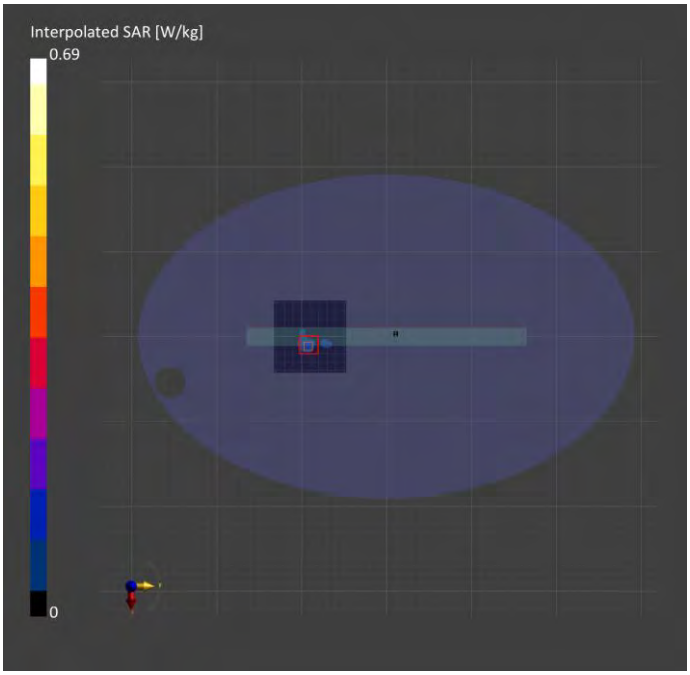
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.105	0.104
psSAR10g [W/Kg]	0.030	0.021
psPDab (1.0cm2, sq) [W/m2]		1.03
psPDab (4.0cm2, sq) [W/m2]		0.507
Power Drift [dB]	0.01	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.9
Dist 3dB Peak [mm]		3.7



Test Laboratory: A Test Lab Techno Corp.

16_WLAN 6 GHz_802.11ax HE160_Ch47_Side 1_0 mm_ANT Aux

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	5.5	5.56	36.0

Hardware Setup

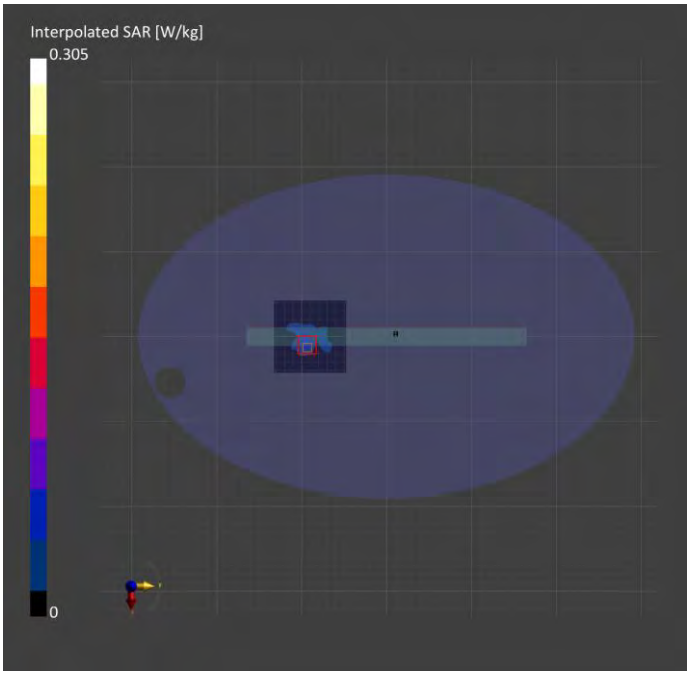
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.050	0.055
psSAR10g [W/Kg]	0.019	0.014
psPDab (1.0cm2, sq) [W/m2]		0.550
psPDab (4.0cm2, sq) [W/m2]		0.335
Power Drift [dB]	0.02	-0.08
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.9
Dist 3dB Peak [mm]		3.6



Test Laboratory: A Test Lab Techno Corp.

17_WLAN 6 GHz_802.11ax HE160_Ch79_Side 1_0 mm_ANT Aux

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.89	35.5

Hardware Setup

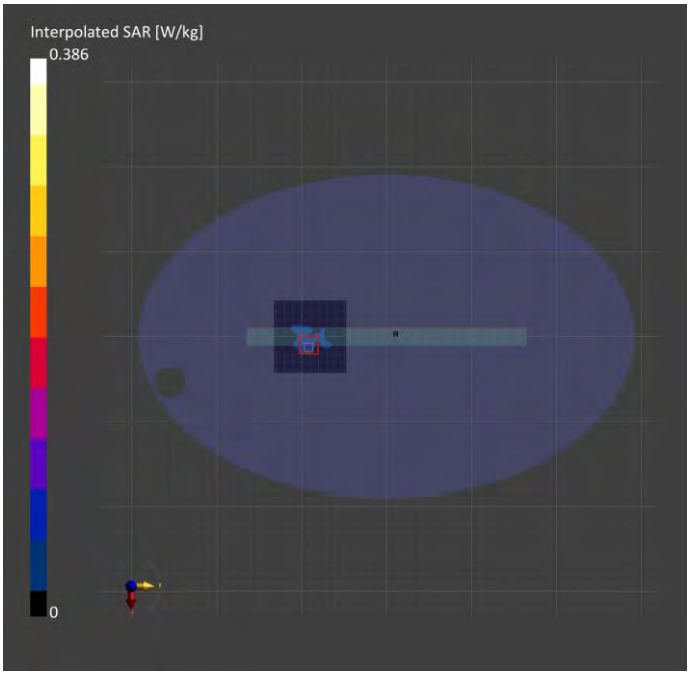
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.062	0.066
psSAR10g [W/Kg]	0.021	0.015
psPDab (1.0cm2, sq) [W/m2]		0.652
psPDab (4.0cm2, sq) [W/m2]		0.354
Power Drift [dB]	0.15	-0.05
TSL Correction	Positive only	Positive only
M2/M1 [%]		56.6
Dist 3dB Peak [mm]		4.1



Test Laboratory: A Test Lab Techno Corp.

18_WLAN 6 GHz_802.11ax HE160_Ch175_Side 1_0 mm_ANT Aux

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	5.5	6.51	34.7

Hardware Setup

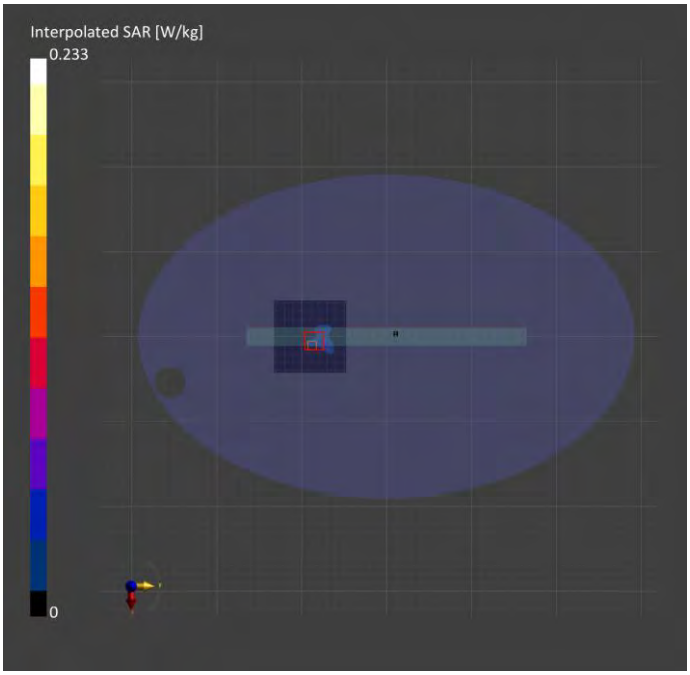
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.0 x 3.0 x 1.2
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.035	0.026
psSAR10g [W/Kg]	0.012	0.006
psPDab (1.0cm2, sq) [W/m2]		0.257
psPDab (4.0cm2, sq) [W/m2]		0.138
Power Drift [dB]	0.08	-0.04
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.6
Dist 3dB Peak [mm]		3.2



Test Laboratory: A Test Lab Techno Corp.

19_WLAN 6 GHz_802.11ax HE160_Ch207_Side 1_0 mm_ANT Aux

Device under Test Properties

Model: B3402FB

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	Side 1, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.66	34.2

Hardware Setup

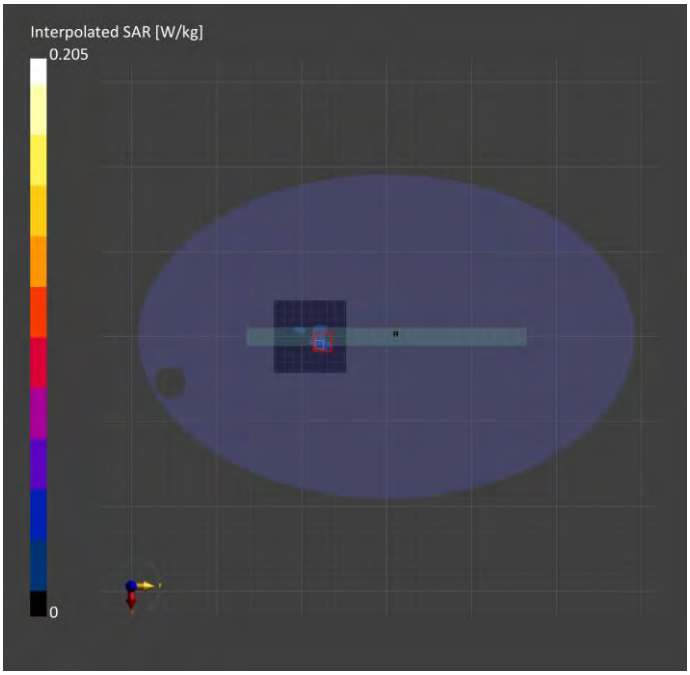
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

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

Measurement Results

	Area Scan	Zoom Scan
Date	2022-05-22	2022-05-22
psSAR1g [W/Kg]	0.040	0.031
psSAR10g [W/Kg]	0.012	0.008
psPDab (1.0cm2, sq) [W/m2]		0.309
psPDab (4.0cm2, sq) [W/m2]		0.201
Power Drift [dB]	0.01	-0.03
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.9
Dist 3dB Peak [mm]		4.1



Test Laboratory: A Test Lab Techno Corp.

104_WLAN 6 GHz_802.11ax HE160_Ch111_Side 1_2 mm_ANT Main

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

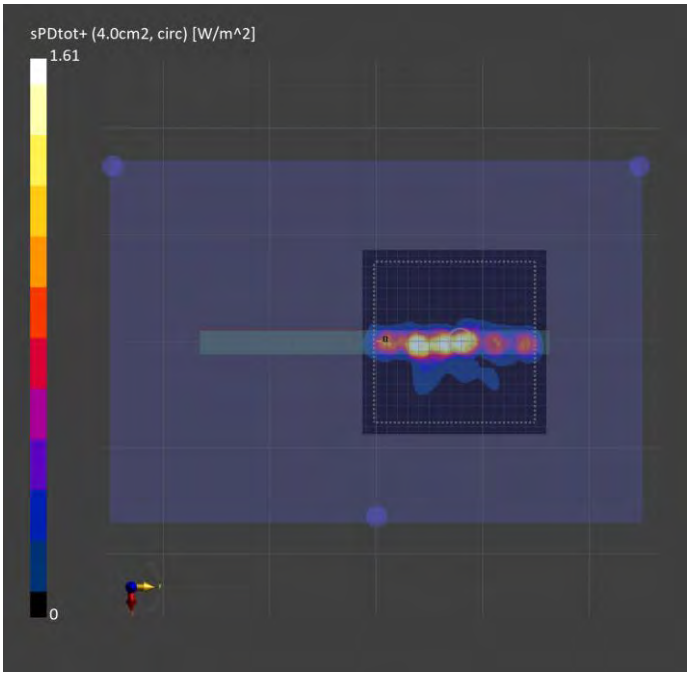
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.727
psPDtot+ [W/m²]	1.61
psPDmod+ [W/m²]	9.66
E_{max} [V/m]	94.5
H_{max} [A/m]	0.435
Power Drift [dB]	-0.09



Test Laboratory: A Test Lab Techno Corp.

100_WLAN 6 GHz_802.11ax HE160_Ch47_Side 1_2 mm_ANT Main

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

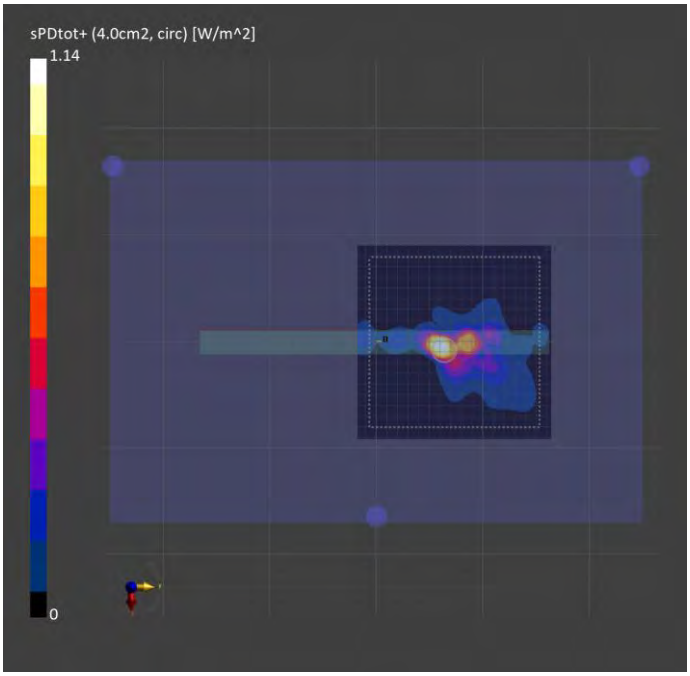
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.429
psPDtot+ [W/m²]	1.14
psPDmod+ [W/m²]	3.38
E_{max} [V/m]	44.4
H_{max} [A/m]	0.343
Power Drift [dB]	-0.10



Test Laboratory: A Test Lab Techno Corp.

103_WLAN 6 GHz_802.11ax HE160_Ch79_Side 1_2 mm_ANT Main

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

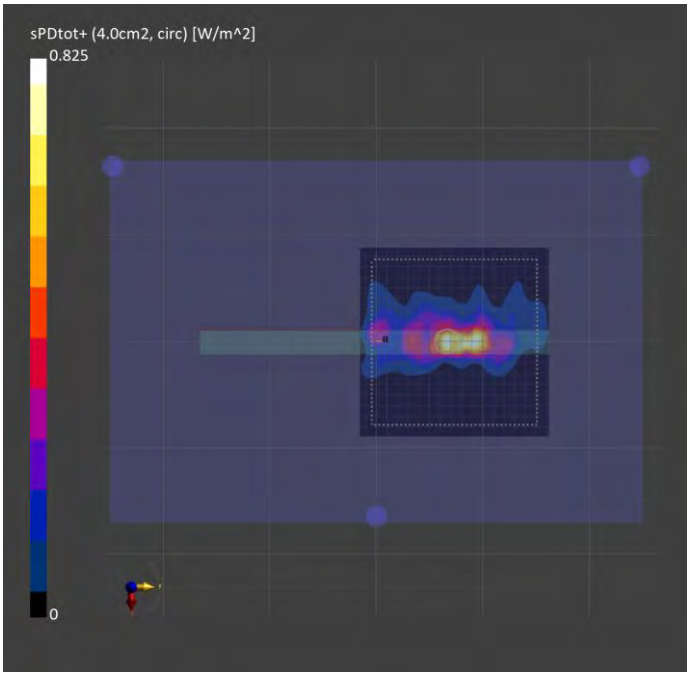
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.429
psPDtot+ [W/m²]	0.825
psPDmod+ [W/m²]	1.48
E_{max} [V/m]	32.5
H_{max} [A/m]	0.179
Power Drift [dB]	-0.06



Test Laboratory: A Test Lab Techno Corp.

107_WLAN 6 GHz_802.11ax HE160_Ch175_Side 1_2 mm_ANT Main

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

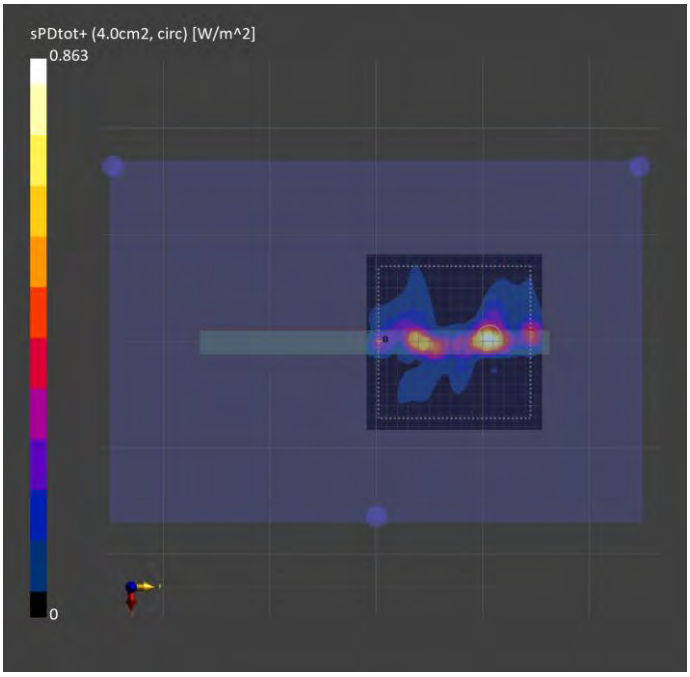
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.337
psPDtot+ [W/m²]	0.863
psPDmod+ [W/m²]	2.14
E_{max} [V/m]	41.3
H_{max} [A/m]	0.212
Power Drift [dB]	0.05



Test Laboratory: A Test Lab Techno Corp.

108_WLAN 6 GHz_802.11ax HE160_Ch207_Side 1_2 mm_ANT Main

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

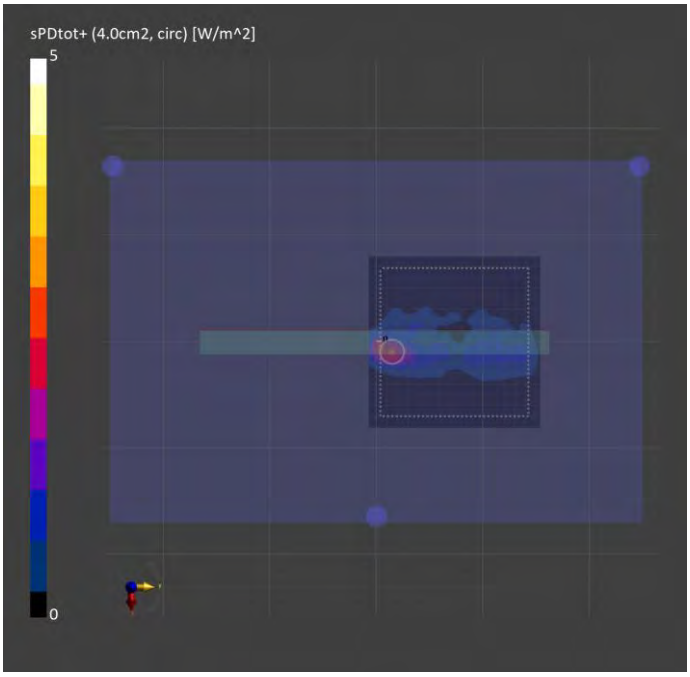
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.06
psPDtot+ [W/m²]	2.72
psPDmod+ [W/m²]	5.27
E_{max} [V/m]	60.0
H_{max} [A/m]	0.464
Power Drift [dB]	-0.04



Test Laboratory: A Test Lab Techno Corp.

105_WLAN 6 GHz_802.11ax HE160_Ch111_Side 1_2 mm_ANT Aux

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

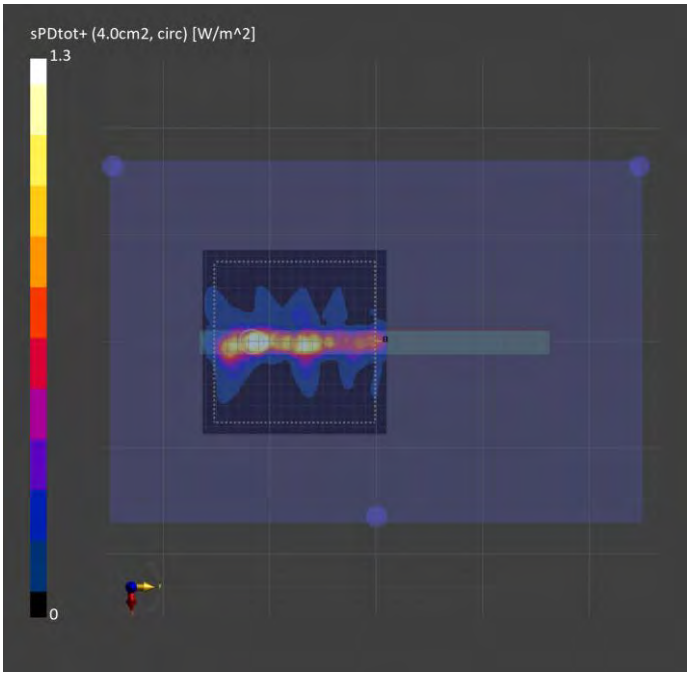
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.559
psPDtot+ [W/m²]	1.30
psPDmod+ [W/m²]	4.76
E_{max} [V/m]	60.5
H_{max} [A/m]	0.339
Power Drift [dB]	-0.03



Test Laboratory: A Test Lab Techno Corp.

101_WLAN 6 GHz_802.11ax HE160_Ch47_Side 1_2 mm_ANT Aux

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-5	WLAN, 10755-AAC	6185.0, 47	1.0

Hardware Setup

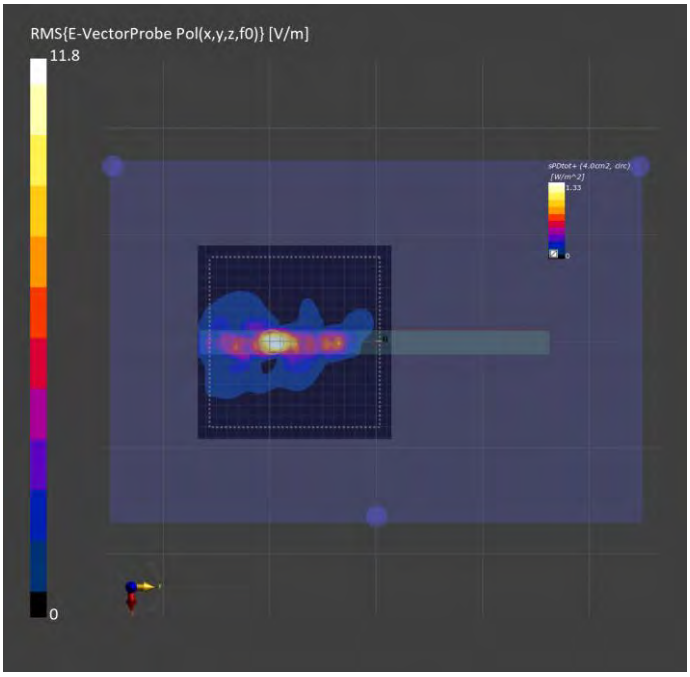
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.659
psPDtot+ [W/m²]	1.33
psPDmod+ [W/m²]	3.63
E_{max} [V/m]	47.2
H_{max} [A/m]	0.372
Power Drift [dB]	-0.01



Test Laboratory: A Test Lab Techno Corp.

102_WLAN 6 GHz_802.11ax HE160_Ch79_Side 1_2 mm_ANT Aux

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

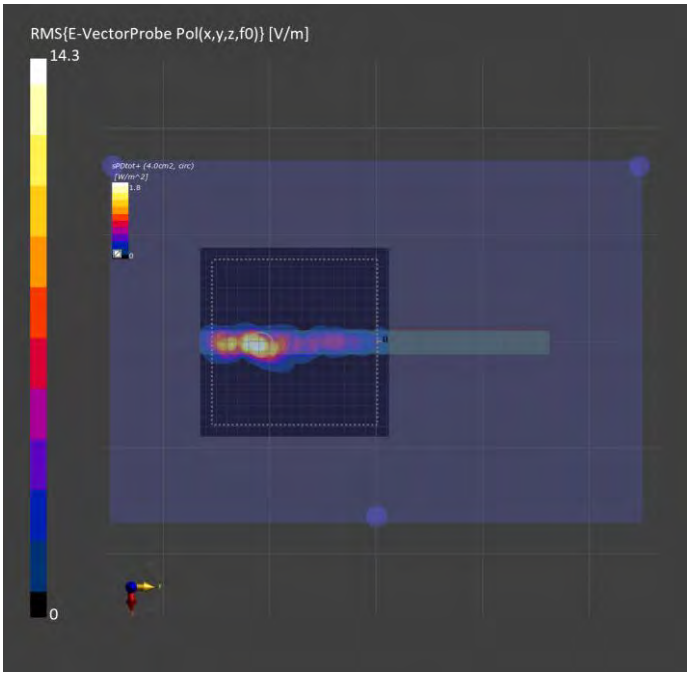
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.749
psPDtot+ [W/m²]	1.80
psPDmod+ [W/m²]	6.39
E_{max} [V/m]	71.1
H_{max} [A/m]	0.418
Power Drift [dB]	0.05



Test Laboratory: A Test Lab Techno Corp.

106_WLAN 6 GHz_802.11ax HE160_Ch175_Side 1_2 mm_ANT Aux

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-7	WLAN, 10755-AAC	6825.0, 175	1.0

Hardware Setup

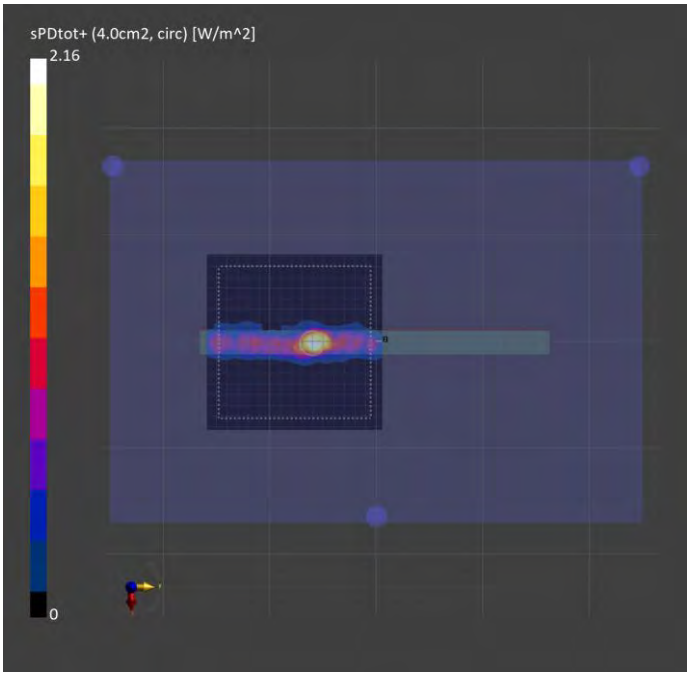
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV3 - SN9403_F1-55GHz, 2021-09-20	DAE4 Sn541, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.01
psPDtot+ [W/m²]	2.16
psPDmod+ [W/m²]	4.86
E_{max} [V/m]	59.6
H_{max} [A/m]	0.384
Power Drift [dB]	0.08



Test Laboratory: A Test Lab Techno Corp.

109_WLAN 6 GHz_802.11ax HE160_Ch207_Side 1_2 mm_ANT Aux

Device under Test Properties

Model:B3402FB

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 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, 2022-03-23

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	2022-05-21
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.317
psPDtot+ [W/m²]	0.529
psPDmod+ [W/m²]	0.644
E_{max} [V/m]	18.8
H_{max} [A/m]	0.083
Power Drift [dB]	-0.11