

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/26

S07 System Check_H2450_221226

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H06T27N1_1226 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.297$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.15 W/kg

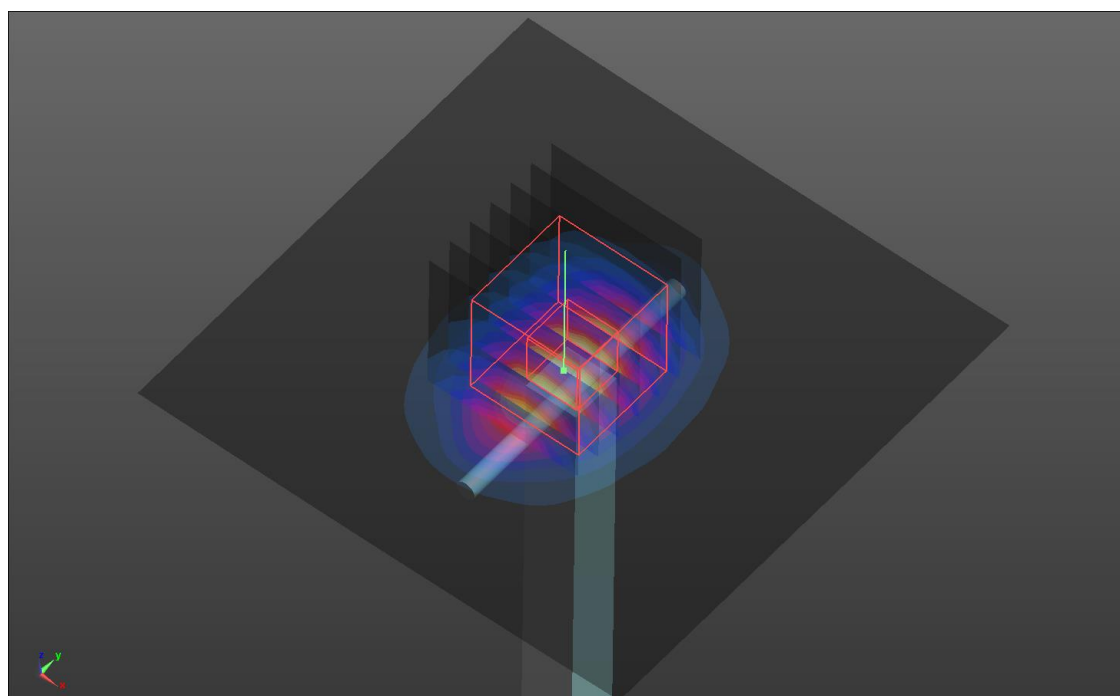
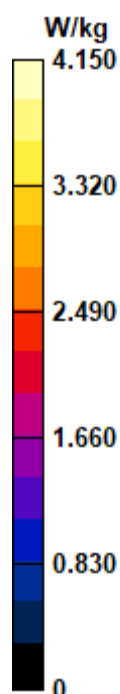
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.95 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.14 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/02/24

S08 System Check_H5250_230224

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: H51T72N5_0224 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.58$ S/m; $\epsilon_r = 37.58$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.89, 5.89, 5.89) @ 5250 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 8.85 W/kg

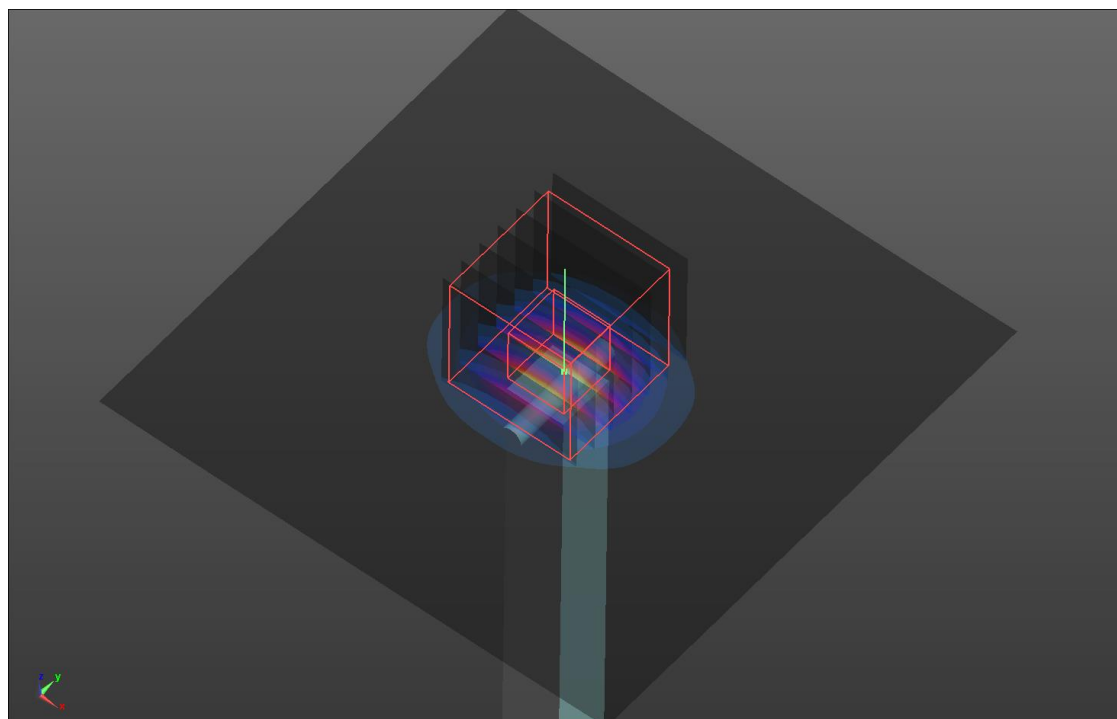
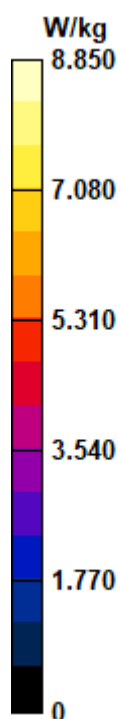
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.73 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 14.3 W/kg

SAR(1 g) = 3.72 W/kg; SAR(10 g) = 1.08 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 9.19 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/02/24

S09 System Check_H5600_230224

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: H51T72N5_0224 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.981$ S/m; $\epsilon_r = 36.98$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5600 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 10.1 W/kg

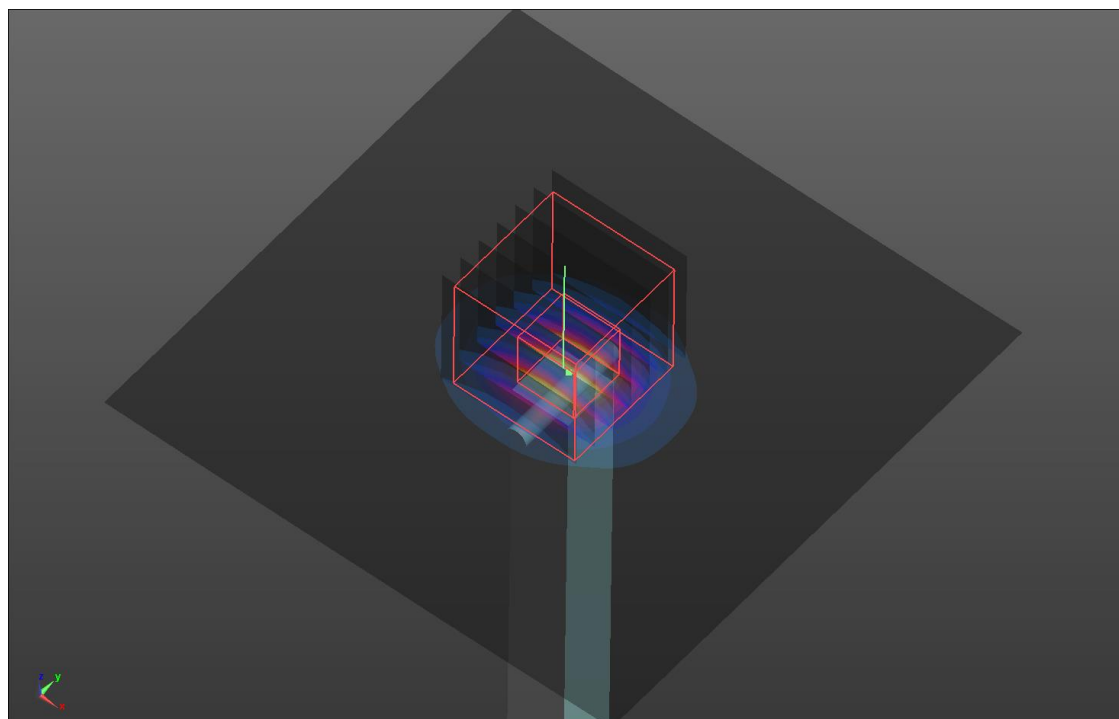
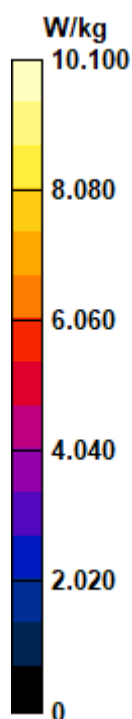
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 50.78 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 4.14 W/kg; SAR(10 g) = 1.17 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.6 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/27

S10 System Check_H5750_221227

DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: H51T72N3_1227 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.12$ S/m; $\epsilon_r = 36.673$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.97, 4.97, 4.97) @ 5750 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 9.49 W/kg

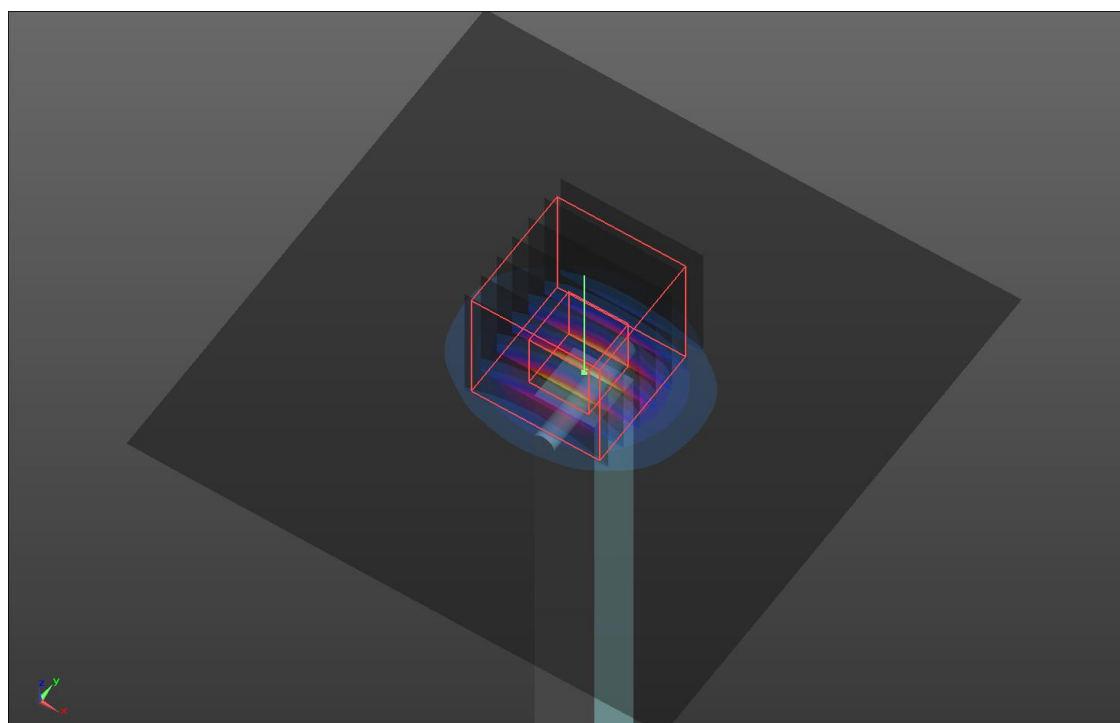
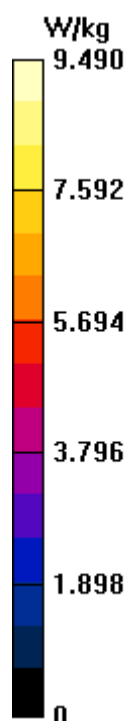
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 3.89 W/kg; SAR(10 g) = 1.12 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 10.1 W/kg



Plots of System Verification

Measurement Report

S11a System Check_H5750_230302

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	50.0 x 10.0 x 8.0		

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,	,			5750	4.79	4.88	34.0

Hardware Setup

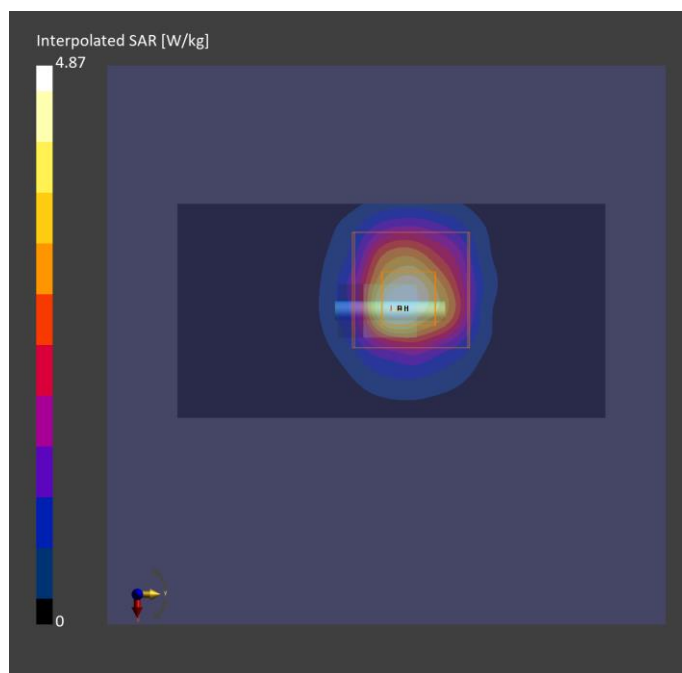
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2023-Mar-02	EX3DV4 – SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-03-02	2023-03-02
psSAR1g [W/kg]	3.48	3.77
psSAR10g [W/kg]	1.11	1.14
Power Drift [dB]	-0.14	0.10
M2/M1 [%]		61.8
Dist 3dB Peak [mm]		7.2



Plots of System Verification

Measurement Report

S11b System Check H6.5GHz_230302

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole,	50.0 x 10.0 x 8.0		6500

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	,		,	6500.0, 0	5.65	5.97	34.4

Hardware Setup

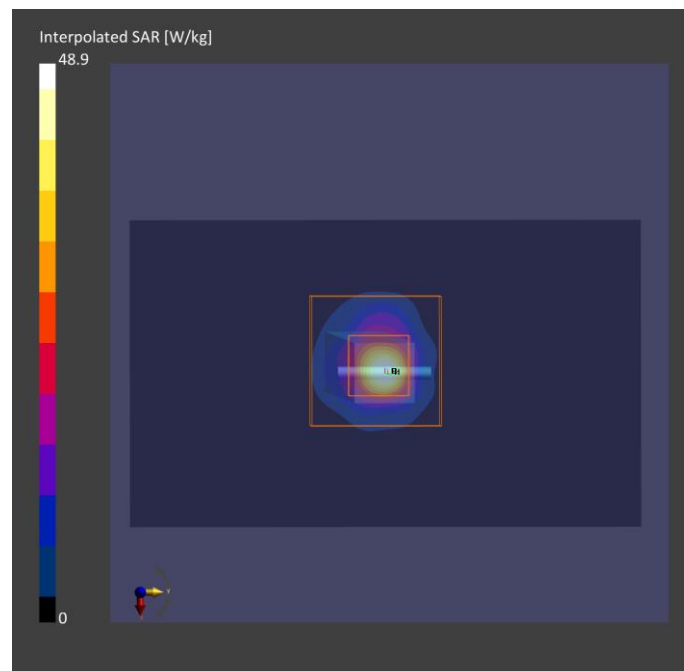
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2023-Mar-02	EX3DV4 – SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-03-02	2023-03-02
psSAR1g [W/kg]	25.1	29.7
psSAR10g [W/kg]	5.03	5.38
psPDab (1.0cm2, sq) [W/m2]		298
psPDab (4.0cm2, sq) [W/m2]		131
Power Drift [dB]	0.02	-0.03
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		4.5



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/26

S12 System Check_H2450_221226

DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: H06T27N1_1226 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 39.297$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 4.15 W/kg

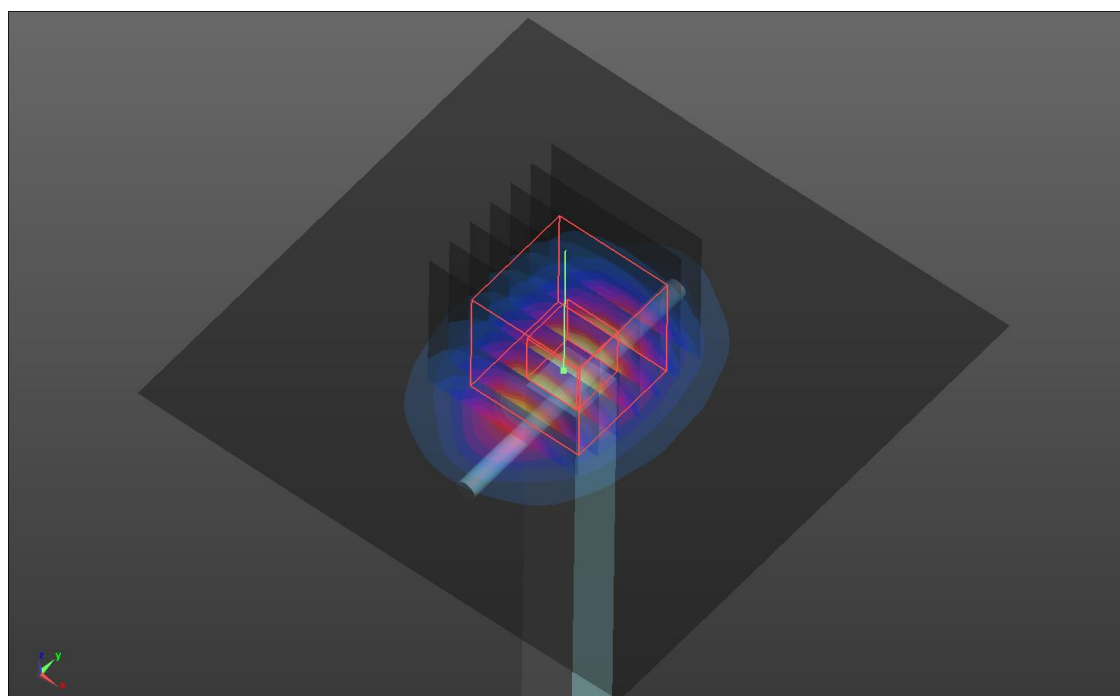
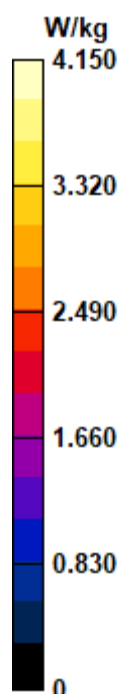
Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 48.95 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.19 W/kg

SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.13 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 4.14 W/kg



Plots of System Verification

Measurement Report

S14 System Check_H6.5GHz_221227

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole,	50.0 x 10.0 x 8.0		

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	,		,	6500.0, 0	5.45	5.97	33.7

Hardware Setup

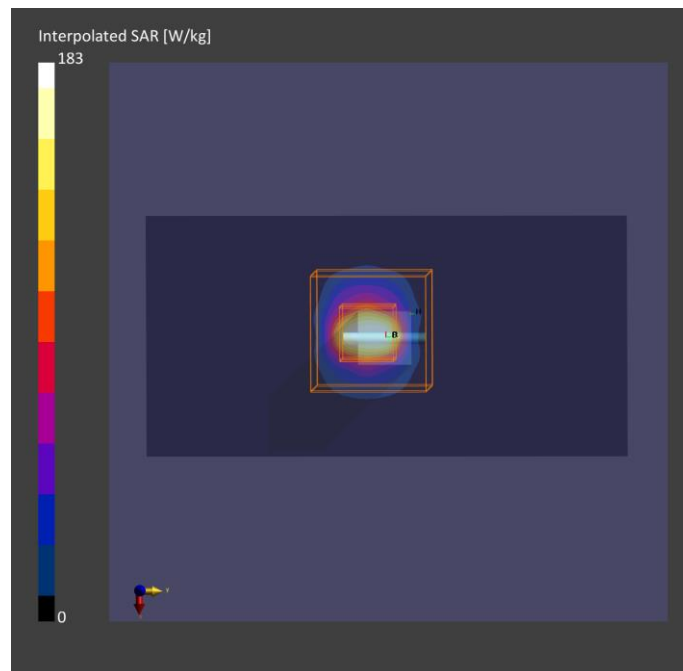
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H51T72N3, 2022-Dec-27	EX3DV4 - SN7537, 2022-04-27	DAE4 Sn1585, 2022-04-21

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-27	2022-12-27
psSAR1g [W/kg]	23.5	29.3
psSAR10g [W/kg]	4.95	5.43
psAPD (1.0cm2, sq) [W/m2]		298
psAPD (4.0cm2, sq) [W/m2]		132
Power Drift [dB]	0.11	0.05
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		5.5



Plots of System Verification

Measurement Report

S14 PD_System Check_10 GHz_221229

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 10 GHz	100.0 x 100.0 x 170.0	SN: 1025	10G Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW,	10000.0, 10000	1.0

Hardware Setup

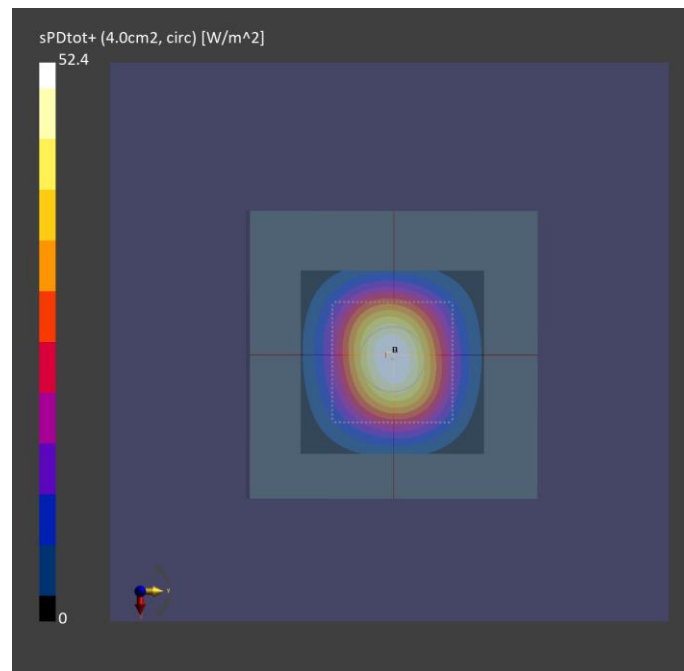
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

	5G Scan
Date	2022-12-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	52.1
psPDtot+ [W/m ²]	52.4
psPDmod+ [W/m ²]	52.6
E _{max} [V/m]	146
Power Drift [dB]	-0.04



Plots of System Verification

Measurement Report

S15 System Check_H6.5GHz_230224

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Dipole	50.0 x 10.0 x 8.0		

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				6500	5.6	6.07	35.5

Hardware Setup

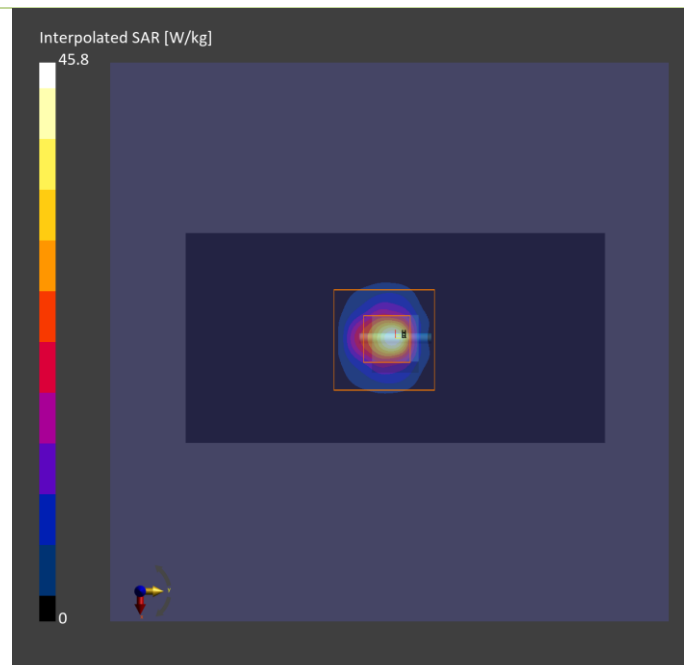
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H50T72N1 , 2023-Feb-24	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	45.0 x 90.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-02-24	2023-02-24
psSAR1g [W/kg]	25.0	28.6
psSAR10g [W/kg]	4.93	5.29
psAPD (1.0cm2, sq) [W/m2]		286
psAPD (4.0cm2, sq) [W/m2]		132
Power Drift [dB]	-0.11	-0.01





Plots of System Verification

Measurement Report

S15 PD_System Check_10 GHz_2023.03.01

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source 10 GHz	100.0 x 100.0 x 170.0	SN: 1025	10G Verification Source

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 10.00	Validation band	CW, -0-	10000.0, 10000	1.0

Hardware Setup

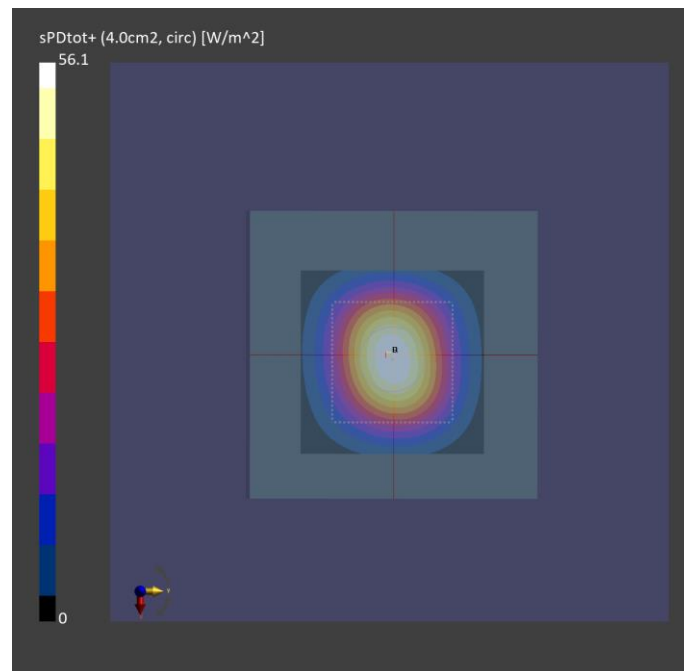
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

	5G Scan
Date	2023-03-01
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	55.9
psPDtot+ [W/m ²]	56.1
psPDmod+ [W/m ²]	56.4
E _{max} [V/m]	151
Power Drift [dB]	-0.01



Appendix B. Plots of Measurement

The SAR plots for highest measured SAR in each exposure configuration, wireless mode and frequency band combination are shown as follows

Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/26

P07 WLAN2.4G_802.11b_Bottom of Laptop_0mm_Ch6_Ant 0+1

DUT: BDGE-WTW-P22120075

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: H06T27N1_1226 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.798$ S/m; $\epsilon_r = 39.321$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2437 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (91x371x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.322 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.42 V/m; Power Drift = 0.01 dB

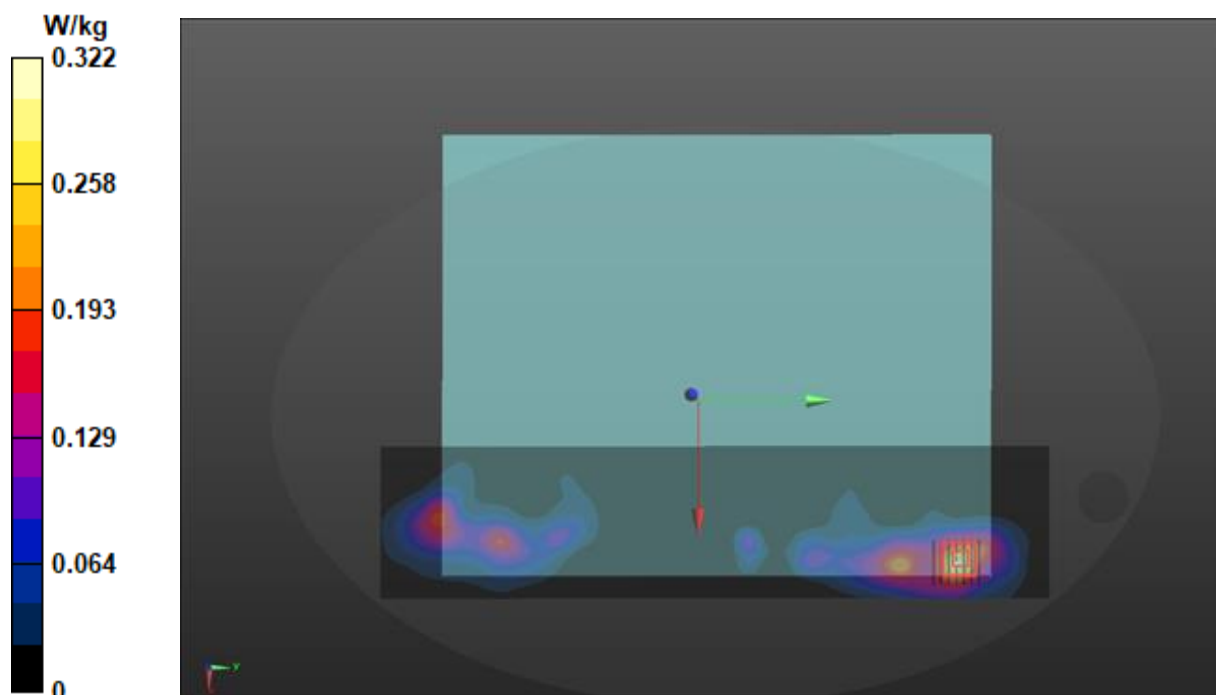
Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.120 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.4 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.355 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/02/24

P08 WLAN5.3G_802.11a_Bottom of Laptop_0mm_Ch56_Ant 0+1

DUT: BDGE-WTW-P22120075

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz; Duty Cycle: 1:1.02

Medium: H51T72N5_0224 Medium parameters used: $f = 5280$ MHz; $\sigma = 4.615$ S/m; $\epsilon_r = 37.529$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.89, 5.89, 5.89) @ 5280 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x441x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

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

Reference Value = 5.648 V/m; Power Drift = 0.07 dB

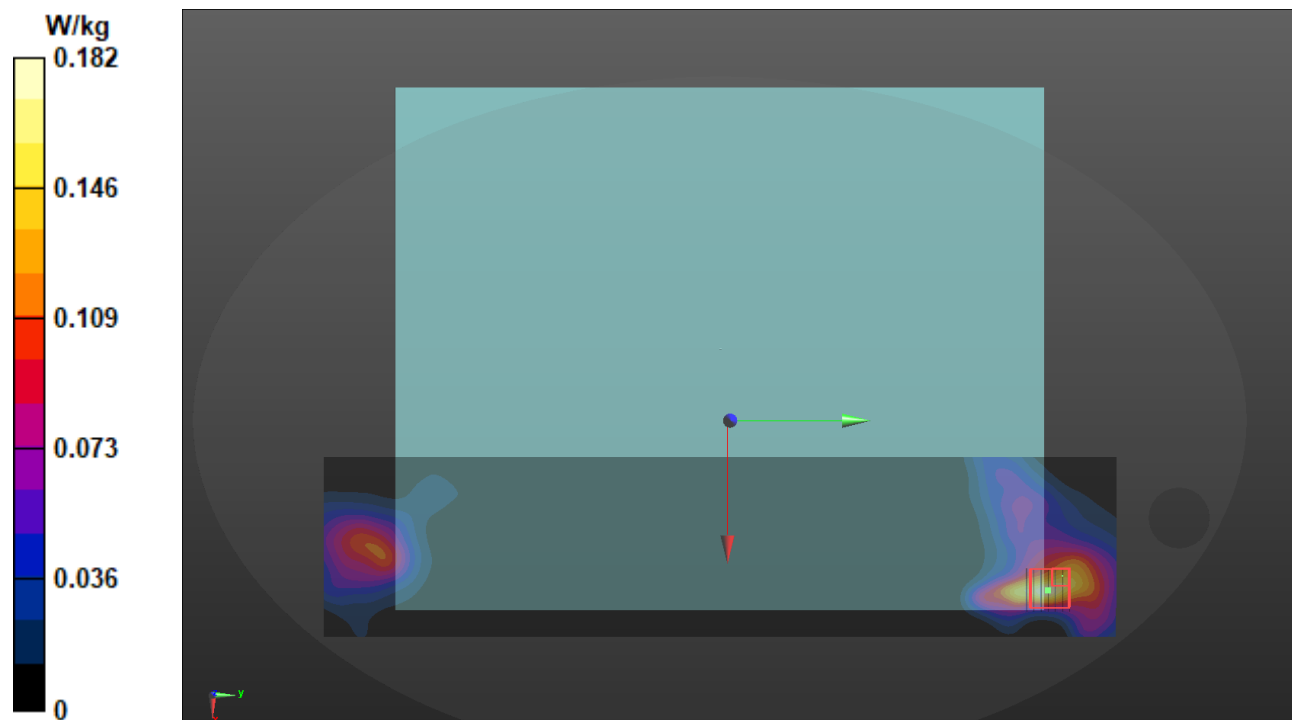
Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.027 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 13.4 mm

Ratio of SAR at M2 to SAR at M1 = 66.2%

Maximum value of SAR (measured) = 0.164 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2023/02/24

P09 WLAN5.6G_802.11a_Bottom of Laptop_0mm_Ch116_Ant 0+1

DUT: BDGE-WTW-P22120075

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5580 MHz; Duty Cycle: 1:1.02

Medium: H51T72N5_0224 Medium parameters used: $f = 5580$ MHz; $\sigma = 4.957$ S/m; $\epsilon_r = 37.015$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 20.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(5.04, 5.04, 5.04) @ 5580 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x441x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.111 W/kg

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

Reference Value = 5.222 V/m; Power Drift = 0.03 dB

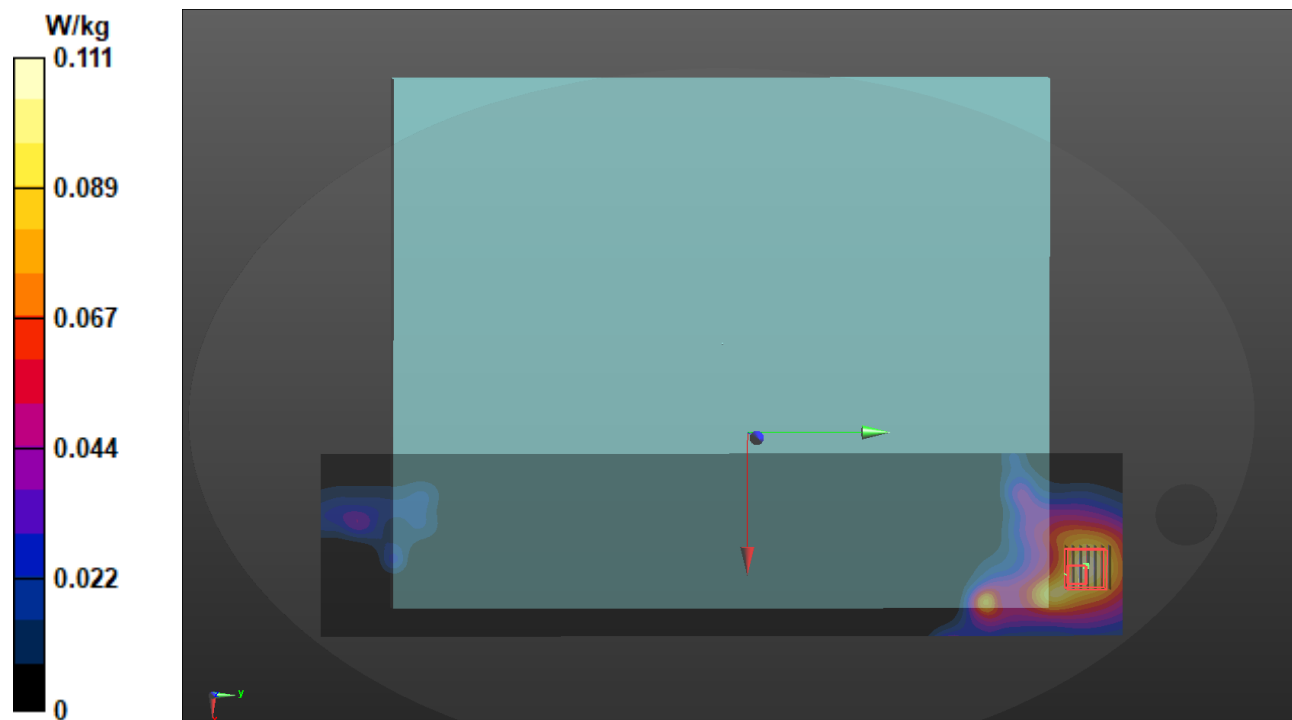
Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.020 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 60%

Maximum value of SAR (measured) = 0.132 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/27

P10 WLAN5.8G_802.11a_Bottom of Laptop_0mm_Ch149_Ant 0+1

DUT: BDGE-WTW-P22120075

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5745 MHz; Duty Cycle: 1:1.02

Medium: H51T72N3_1227 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.114$ S/m; $\epsilon_r = 36.683$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7537; ConvF(4.97, 4.97, 4.97) @ 5745 MHz; Calibrated: 2022/04/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1585; Calibrated: 2022/04/21
- Phantom: ELI Phantom_1245; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x441x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.072 W/kg

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

Reference Value = 3.829 V/m; Power Drift = -0.05 dB

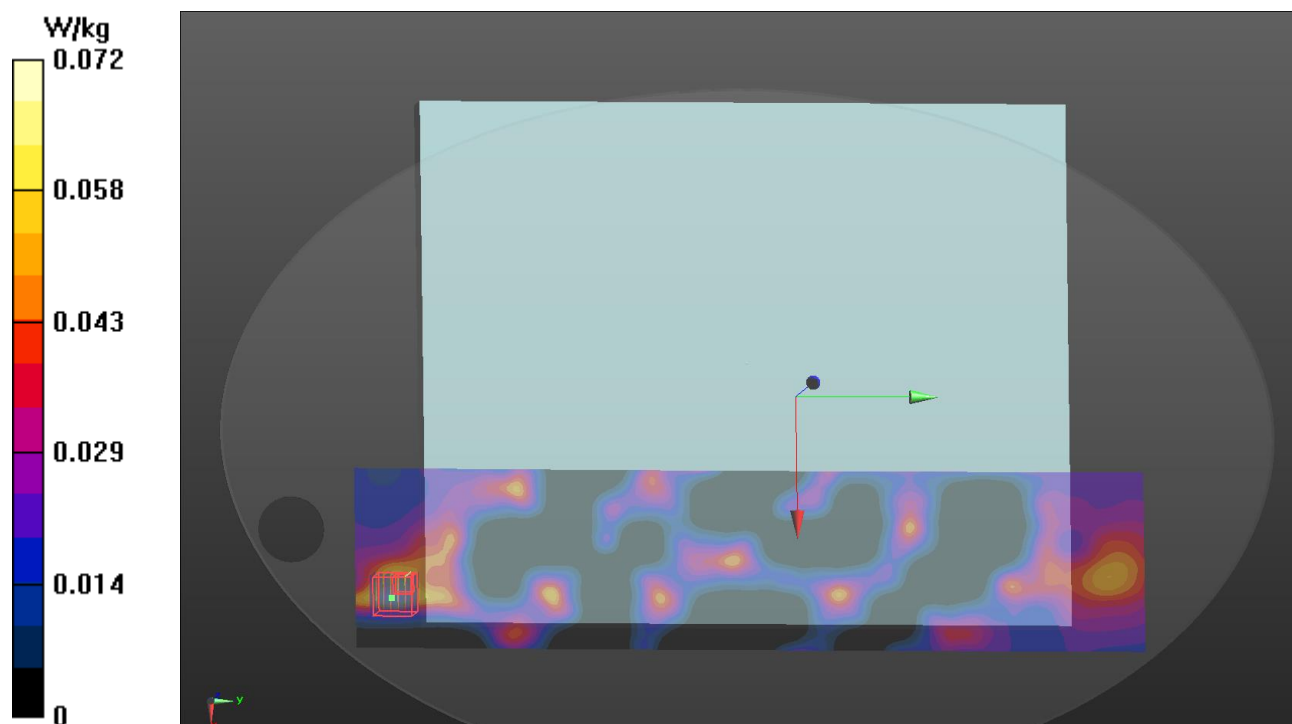
Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.018 W/kg (SAR corrected for target medium)

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 67.2%

Maximum value of SAR (measured) = 0.0649 W/kg



Plots of Measurement

Measurement Report for Device

P11 WLAN5.9G_802.11n HT40_Bottom of Laptop_0mm_Ch175_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120075,	360.0 x 290.0 x 20.0		Laptop

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-4	WLAN, 10599-AAC	5875.0, 175	4.79	5.00	33.8

Hardware Setup

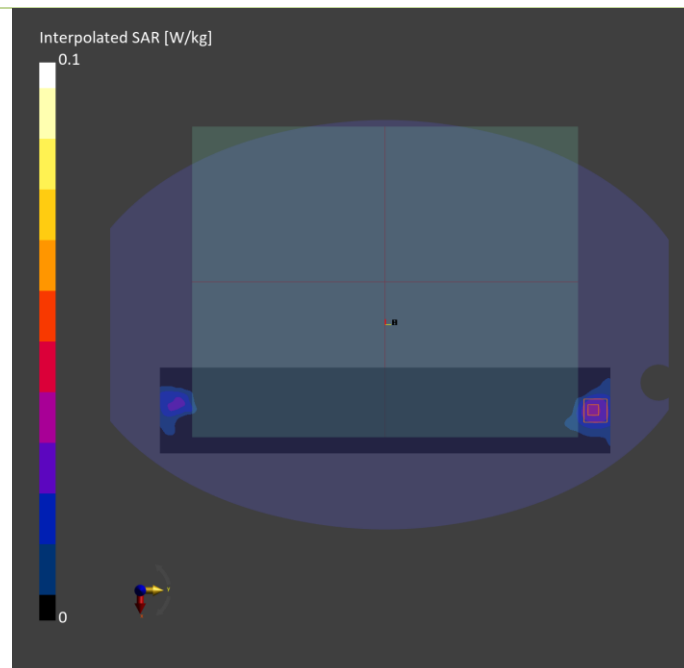
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6, 2023-Mar-02	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 420.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-03-02	2023-03-02
psSAR1g [W/kg]	0.028	0.026
psSAR10g [W/kg]	0.012	0.009
Power Drift [dB]	0.08	0.12
M2/M1 [%]		58.3
Dist 3dB Peak [mm]		11.9



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab

Date: 2022/12/26

P12 BT_BDR_Bottom of Laptop_0mm_Ch78_Ant 1

DUT: BDGE-WTW-P22120075

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.3

Medium: H06T27N1_1226 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.829$ S/m; $\epsilon_r = 39.257$; $\rho = 1000$ kg/m³

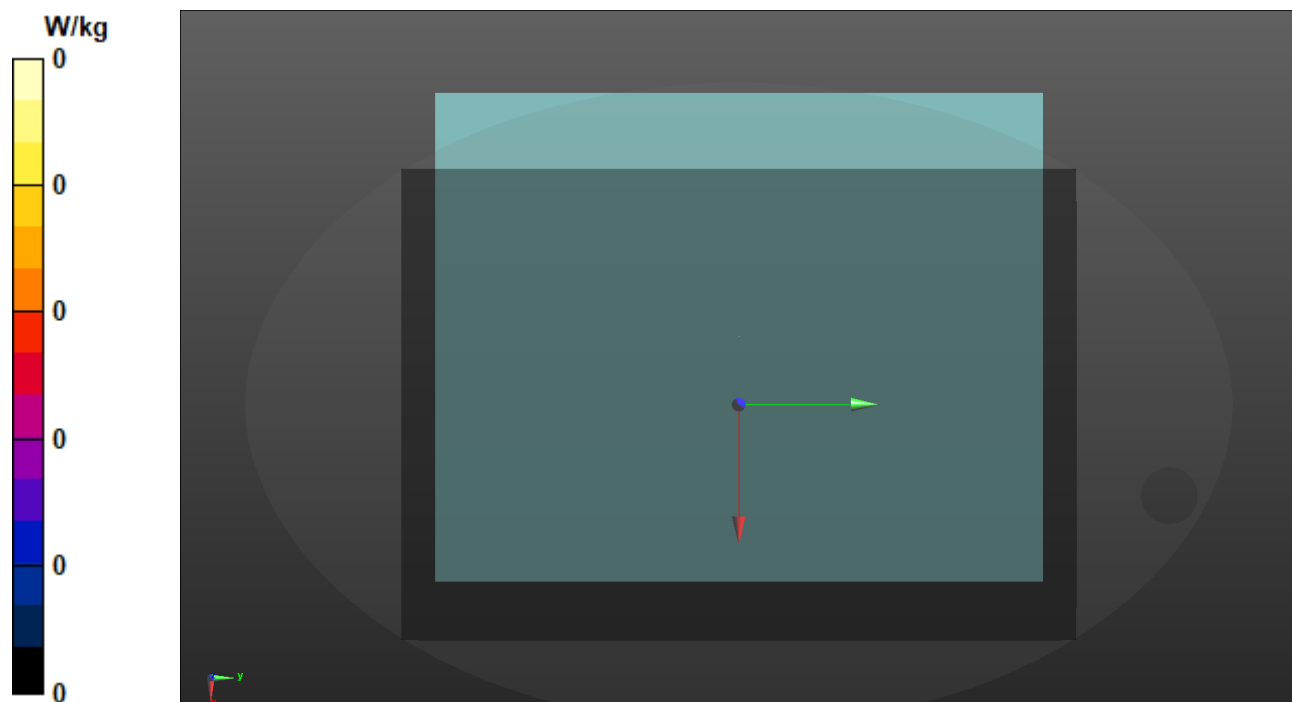
Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7472; ConvF(7.89, 7.89, 7.89) @ 2480 MHz; Calibrated: 2022/05/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2022/06/01
- Phantom: ELI Phantom_2118; Type: QD OVA 004 AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (241x341x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0 W/kg



Plots of Measurement

Measurement Report

P14 UNII-5_802.11ax HE160_Bottom of Laptop_0mm_Ch15_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120075,	360.0 x 290.0 x 20.0		Laptop

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom of Laptop 0.00	U-NII-5	WLAN, 10755-AAC	6025 15	5.45	5.51	35.9

Hardware Setup

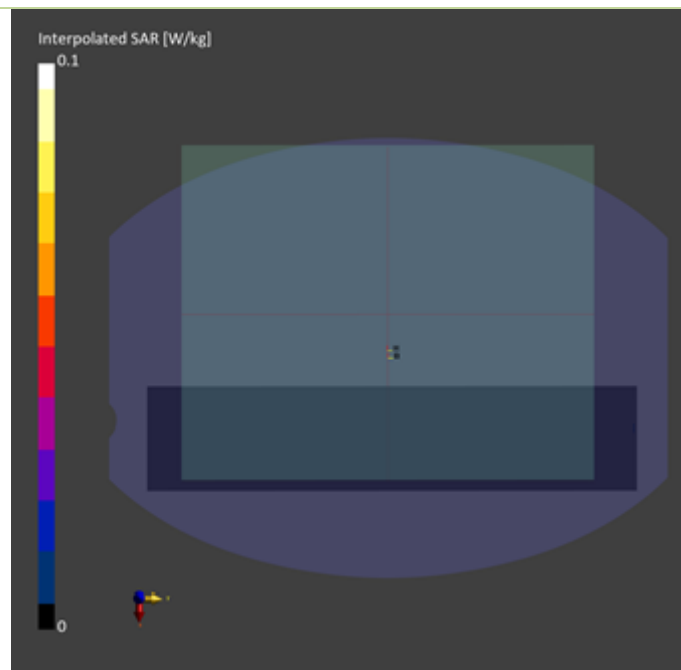
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1245	H51T72N3 , 2022-Dec-27	EX3DV4 - SN7537, 2022-04-27	DAE4 Sn1585, 2022-04-21

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 420.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-12-27	2022-12-27
psSAR1g [W/Kg]		0
psSAR10g [W/Kg]		0
psAPD (1.0cm2, sq) [W/m2]		0
psAPD (4.0cm2, sq) [W/m2]		0
Power Drift [dB]	0.00	0.00



Plots of Measurement

Measurement Report

P14 UNII-5_802.11ax HE160_Bottom of Laptop_0mm_Ch15_Ant 0+1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120075,	360.0 x 290.0 x 30.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of Laptop, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

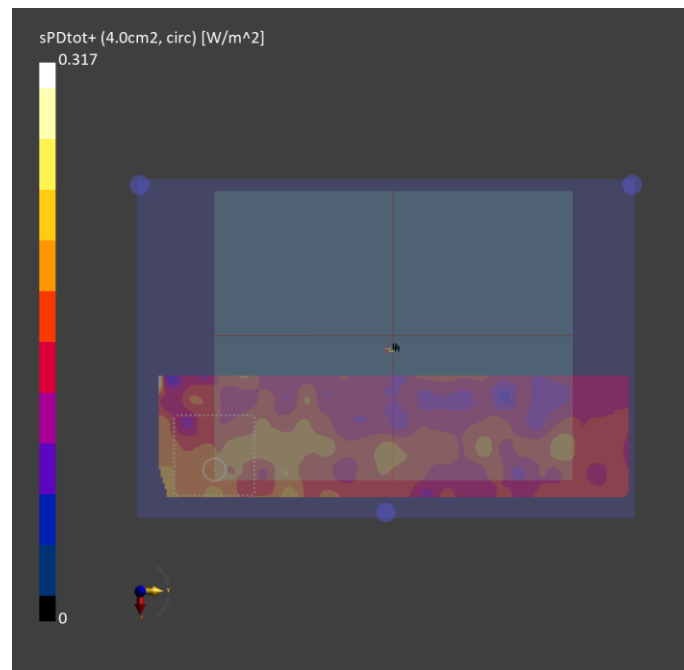
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.0502 x 0.0502
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2022-12-29
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	0.108
psPDtot+ [W/m ²]	0.317
psPDmod+ [W/m ²]	0.409
E _{max} [V/m]	14.0
Power Drift [dB]	-0.06



Plots of Measurement

Measurement Report

P15 UNII_7_802.11a_Bottom of Laptop_0mm_Ch181_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120075,	360.0 x 290.0 x 20.0		Laptop

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,	Bottom	U-NII-7	WLAN, 10062-CAD	6855.0, 181	5.6	6.52	34.9

Hardware Setup

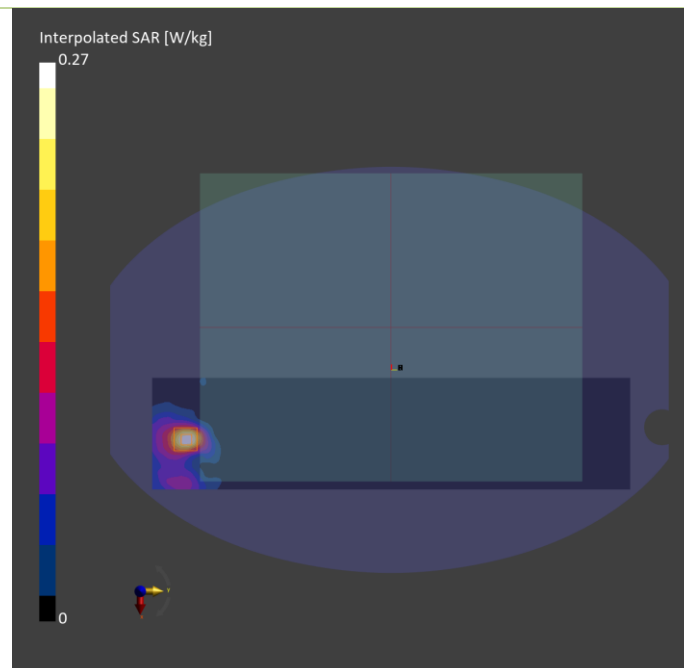
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2118	H50T72N1 , 2023-Feb-24	EX3DV4 - SN7472, 2022-05-27	DAE3 Sn579, 2022-06-01

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	105.0 x 450.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-02-24	2023-02-24
psSAR1g [W/kg]	0.223	0.229
psSAR10g [W/kg]	0.084	0.087
psAPD (1.0cm2, sq) [W/m2]		2.29
psAPD (4.0cm2, sq) [W/m2]		1.94
Power Drift [dB]	0.04	0.06
M2/M1 [%]		49.6
Dist 3dB Peak [mm]		11.0



Plots of Measurement

Measurement Report

P15 UNII-7_802.11a_Bottom of Laptop_0mm_Ch181_Ant 0

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120075,	360.0 x 290.0 x 30.0		Laptop

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Bottom of Laptop, 0.00	UNII-7	WLAN, 10062-CAD	6855.0, 181	1.0

Hardware Setup

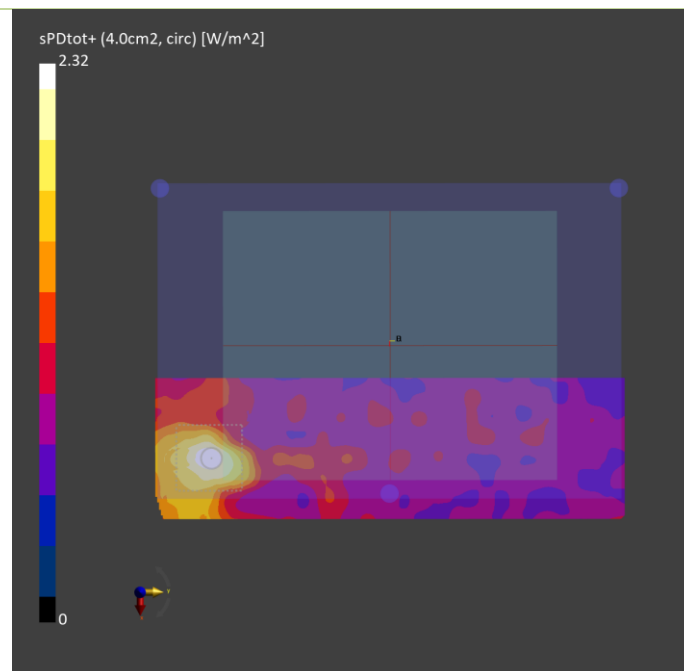
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	88.0 x 88.0
Grid Steps [lambda]	0.0569 x 0.0569
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2023-03-01
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.68
psPDtot+ [W/m ²]	2.32
psPDmod+ [W/m ²]	2.45
E _{max} [V/m]	33.8
Power Drift [dB]	0.13



Appendix D. Maximum Target Conducted Power

The maximum conducted average power (Unit: dBm) including tune-up tolerance is shown as below.

Tune-up Power (Full)_QCNFA765							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11b	1	2412	19.5	19.5	19.5	19.5	22.5
	6	2437	20.5	20.5	20.5	20.5	23.5
	11	2462	19.5	19.5	19.5	19.5	22.5
	12	2467	18.5	18.5	18.5	18.5	21.5
	13	2472	16.0	16.0	16.0	16.0	19.0
802.11g	1	2412	18.0	18.0	18.0	18.0	21.0
	6	2437	20.5	20.5	20.5	20.5	23.5
	11	2462	18.0	18.0	18.0	18.0	21.0
	12	2467	16.0	16.0	16.0	16.0	19.0
	13	2472	4.0	4.0	4.0	4.0	7.0
802.11n HT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	19.5	19.5	19.5	19.5	22.5
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	15.0	15.0	15.0	15.0	18.0
	13	2472	3.5	3.5	3.5	3.5	6.5
802.11n HT40	3	2422	15.5	15.5	15.5	15.5	18.5
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	14.0	14.0	14.0	14.0	17.0
	11	2462	5.5	5.5	5.5	5.5	8.5
802.11ac VHT20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	19.5	19.5	19.5	19.5	22.5
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	15.0	15.0	15.0	15.0	18.0
	13	2472	3.5	3.5	3.5	3.5	6.5
802.11ac VHT40	3	2422	15.5	15.5	15.5	15.5	18.5
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	14.0	14.0	14.0	14.0	17.0
	11	2462	5.5	5.5	5.5	5.5	8.5
802.11ax HE20	1	2412	17.5	17.5	17.5	17.5	20.5
	6	2437	19.5	19.5	19.5	19.5	22.5
	11	2462	16.0	16.0	16.0	16.0	19.0
	12	2467	15.0	15.0	15.0	15.0	18.0
	13	2472	3.5	3.5	3.5	3.5	6.5
802.11ax HE40	3	2422	15.5	15.5	15.5	15.5	18.5
	6	2437	16.0	16.0	16.0	16.0	19.0
	9	2452	15.0	15.0	15.0	15.0	18.0
	10	2457	14.0	14.0	14.0	14.0	17.0
	11	2462	5.5	5.5	5.5	5.5	8.5

Tune-up Power (Full)_QCNFA765					
Bluetooth					
Mode	Channel	Frequency		Ant 1 Max Tune-up	
BR / EDR	0	2402		16.0	
	39	2441		16.0	
	78	2480		16.0	
LE	0	2402		7.0	
	19	2440		7.0	
	39	2480		7.0	

Tune-up Power (Full)_QCNFA765							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	36	5180	14.5	14.5	14.5	14.5	17.5
	40	5200	14.5	14.5	14.5	14.5	17.5
	44	5220	14.5	14.5	14.5	14.5	17.5
	48	5240	14.5	14.5	14.5	14.5	17.5
802.11n HT20	36	5180	14.5	14.5	14.5	14.5	17.5
	40	5200	14.5	14.5	14.5	14.5	17.5
	44	5220	14.5	14.5	14.5	14.5	17.5
	48	5240	14.5	14.5	14.5	14.5	17.5
802.11n HT40	38	5190	15.0	15.0	15.0	15.0	18.0
	46	5230	15.0	15.0	15.0	15.0	18.0
802.11ac VHT20	36	5180	14.5	14.5	14.5	14.5	17.5
	40	5200	14.5	14.5	14.5	14.5	17.5
	44	5220	14.5	14.5	14.5	14.5	17.5
	48	5240	14.5	14.5	14.5	14.5	17.5
802.11ac VHT40	38	5190	15.0	15.0	15.0	15.0	18.0
	46	5230	15.0	15.0	15.0	15.0	18.0
802.11ac VHT80	42	5210	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	36	5180	14.5	14.5	14.5	14.5	17.5
	40	5200	14.5	14.5	14.5	14.5	17.5
	44	5220	14.5	14.5	14.5	14.5	17.5
	48	5240	14.5	14.5	14.5	14.5	17.5
802.11ax HE40	38	5190	15.0	15.0	15.0	15.0	18.0
	46	5230	15.0	15.0	15.0	15.0	18.0
802.11ax HE80	42	5210	13.0	13.0	13.0	13.0	16.0

Tune-up Power (Full)_QCNFA765							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	52	5260	16.0	16.0	16.0	16.0	19.0
	56	5280	19.0	19.0	19.0	19.0	22.0
	60	5300	19.0	19.0	19.0	19.0	22.0
	64	5320	16.0	16.0	16.0	16.0	19.0
802.11n HT20	52	5260	16.0	16.0	16.0	16.0	19.0
	56	5280	17.5	17.5	17.5	17.5	20.5
	60	5300	17.5	17.5	17.5	17.5	20.5
	64	5320	16.0	16.0	16.0	16.0	19.0
802.11n HT40	54	5270	17.0	17.0	17.0	17.0	20.0
	62	5310	15.5	15.5	15.5	15.5	18.5
802.11ac VHT20	52	5260	16.0	16.0	16.0	16.0	19.0
	56	5280	17.5	17.5	17.5	17.5	20.5
	60	5300	17.5	17.5	17.5	17.5	20.5
	64	5320	16.0	16.0	16.0	16.0	19.0
802.11ac VHT40	54	5270	17.0	17.0	17.0	17.0	20.0
	62	5310	15.5	15.5	15.5	15.5	18.5
802.11ac VHT80	58	5290	14.0	14.0	14.0	14.0	17.0
802.11ac VHT160	50	5250	13.0	13.0	13.0	13.0	16.0
802.11ax HE20	52	5260	16.0	16.0	16.0	16.0	19.0
	56	5280	17.5	17.5	17.5	17.5	20.5
	60	5300	17.5	17.5	17.5	17.5	20.5
	64	5320	16.0	16.0	16.0	16.0	19.0
802.11ax HE40	54	5270	17.0	17.0	17.0	17.0	20.0
	62	5310	15.5	15.5	15.5	15.5	18.5
802.11ax HE80	58	5290	14.0	14.0	14.0	14.0	17.0
802.11ax HE160	50	5250	13.0	13.0	13.0	13.0	16.0

Tune-up Power (Full)_QCNA765							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	100	5500	16.0	16.0	16.0	16.0	19.0
	116	5580	18.5	18.5	18.5	18.5	21.5
	120	5600	18.5	18.5	18.5	18.5	21.5
	124	5620	18.5	18.5	18.5	18.5	21.5
	132	5660	18.5	18.5	18.5	18.5	21.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	19.0	19.0	19.0	19.0	22.0
802.11n HT20	100	5500	16.0	16.0	16.0	16.0	19.0
	116	5580	17.5	17.5	17.5	17.5	20.5
	120	5600	17.5	17.5	17.5	17.5	20.5
	124	5620	17.5	17.5	17.5	17.5	20.5
	132	5660	17.5	17.5	17.5	17.5	20.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	17.5	17.5	17.5	17.5	20.5
802.11n HT40	102	5510	15.5	15.5	15.5	15.5	18.5
	110	5550	17.0	17.0	17.0	17.0	20.0
	118	5590	17.0	17.0	17.0	17.0	20.0
	126	5630	17.0	17.0	17.0	17.0	20.0
	134	5670	15.5	15.5	15.5	15.5	18.5
	142	5710	17.0	17.0	17.0	17.0	20.0
802.11ac VHT20	100	5500	16.0	16.0	16.0	16.0	19.0
	116	5580	17.5	17.5	17.5	17.5	20.5
	120	5600	17.5	17.5	17.5	17.5	20.5
	124	5620	17.5	17.5	17.5	17.5	20.5
	132	5660	17.5	17.5	17.5	17.5	20.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	17.5	17.5	17.5	17.5	20.5
802.11ac VHT40	102	5510	15.5	15.5	15.5	15.5	18.5
	110	5550	17.0	17.0	17.0	17.0	20.0
	118	5590	17.0	17.0	17.0	17.0	20.0
	126	5630	17.0	17.0	17.0	17.0	20.0
	134	5670	15.5	15.5	15.5	15.5	18.5
	142	5710	17.0	17.0	17.0	17.0	20.0
802.11ac VHT80	106	5530	15.0	15.0	15.0	15.0	18.0
	122	5610	15.0	15.0	15.0	15.0	18.0
	138	5690	16.5	16.5	16.5	16.5	19.5
802.11ac VHT160	114	5570	14.0	14.0	14.0	14.0	17.0
802.11ax HE20	100	5500	16.0	16.0	16.0	16.0	19.0
	116	5580	17.5	17.5	17.5	17.5	20.5
	120	5600	17.5	17.5	17.5	17.5	20.5
	124	5620	17.5	17.5	17.5	17.5	20.5
	132	5660	17.5	17.5	17.5	17.5	20.5
	140	5700	16.0	16.0	16.0	16.0	19.0
	144	5720	17.5	17.5	17.5	17.5	20.5
802.11ax HE40	102	5510	15.5	15.5	15.5	15.5	18.5
	110	5550	17.0	17.0	17.0	17.0	20.0
	118	5590	17.0	17.0	17.0	17.0	20.0
	126	5630	17.0	17.0	17.0	17.0	20.0
	134	5670	15.5	15.5	15.5	15.5	18.5
	142	5710	17.0	17.0	17.0	17.0	20.0
802.11ax HE80	106	5530	15.0	15.0	15.0	15.0	18.0
	122	5610	15.0	15.0	15.0	15.0	18.0
	138	5690	16.5	16.5	16.5	16.5	19.5
802.11ax HE160	114	5570	14.0	14.0	14.0	14.0	17.0

Tune-up Power (Full)_QCNFA765							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	149	5745	19.0	19.0	19.0	19.0	22.0
	153	5765	19.0	19.0	19.0	19.0	22.0
	157	5785	19.0	19.0	19.0	19.0	22.0
	161	5805	19.0	19.0	19.0	19.0	22.0
	165	5825	19.0	19.0	19.0	19.0	22.0
802.11n HT20	149	5745	17.5	17.5	17.5	17.5	20.5
	153	5765	19.0	19.0	19.0	19.0	22.0
	157	5785	19.0	19.0	19.0	19.0	22.0
	161	5805	19.0	19.0	19.0	19.0	22.0
	165	5825	17.5	17.5	17.5	17.5	20.5
802.11n HT40	151	5755	17.0	17.0	17.0	17.0	20.0
	159	5795	17.0	17.0	17.0	17.0	20.0
802.11ac VHT20	149	5745	17.5	17.5	17.5	17.5	20.5
	153	5765	19.0	19.0	19.0	19.0	22.0
	157	5785	19.0	19.0	19.0	19.0	22.0
	161	5805	19.0	19.0	19.0	19.0	22.0
	165	5825	17.5	17.5	17.5	17.5	20.5
802.11ac VHT40	151	5755	17.0	17.0	17.0	17.0	20.0
	159	5795	17.0	17.0	17.0	17.0	20.0
802.11ac VHT80	155	5775	16.5	16.5	16.5	16.5	19.5
802.11ax HE20	149	5745	17.5	17.5	17.5	17.5	20.5
	153	5765	19.0	19.0	19.0	19.0	22.0
	157	5785	19.0	19.0	19.0	19.0	22.0
	161	5805	19.0	19.0	19.0	19.0	22.0
	165	5825	17.5	17.5	17.5	17.5	20.5
802.11ax HE40	151	5755	17.0	17.0	17.0	17.0	20.0
	159	5795	17.0	17.0	17.0	17.0	20.0
802.11ax HE80	155	5775	16.5	16.5	16.5	16.5	19.5

Tune-up Power (Full)_QCNFA765							
WLAN 5.9GHz							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11n HT20	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11n HT40	167	5835	17.0	17.0	17.0	17.0	20.0
	175	5875	17.0	17.0	17.0	17.0	20.0
802.11ac VHT20	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11ac VHT40	167	5835	17.0	17.0	17.0	17.0	20.0
	175	5875	17.0	17.0	17.0	17.0	20.0
802.11ac VHT80	171	5855	16.5	16.5	16.5	16.5	19.5
802.11ac VHT160	163	5815	14.5	14.5	14.5	14.5	17.5
802.11ax HE20	169	5845	14.5	14.5	14.5	14.5	17.5
	173	5865	14.5	14.5	14.5	14.5	17.5
	177	5885	14.5	14.5	14.5	14.5	17.5
802.11ax HE40	167	5835	17.0	17.0	17.0	17.0	20.0
	175	5875	17.0	17.0	17.0	17.0	20.0
802.11ax HE80	171	5855	16.5	16.5	16.5	16.5	19.5
802.11ax VHT160	163	5815	14.5	14.5	14.5	14.5	17.5

Tune-up Power (Full)_QCNFA765							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	1	5955	1.5	1.5	1.5	1.5	4.5
	5	5975	1.5	1.5	1.5	1.5	4.5
	9	5995	1.5	1.5	1.5	1.5	4.5
	13	6015	1.5	1.5	1.5	1.5	4.5
	17	6035	1.5	1.5	1.5	1.5	4.5
	21	6055	1.5	1.5	1.5	1.5	4.5
	25	6075	1.5	1.5	1.5	1.5	4.5
	29	6095	1.5	1.5	1.5	1.5	4.5
	33	6115	1.5	1.5	1.5	1.5	4.5
	37	6135	1.5	1.5	1.5	1.5	4.5
	41	6155	1.5	1.5	1.5	1.5	4.5
	45	6175	1.5	1.5	1.5	1.5	4.5
	49	6195	1.5	1.5	1.5	1.5	4.5
	53	6215	1.5	1.5	1.5	1.5	4.5
	57	6235	1.5	1.5	1.5	1.5	4.5
	61	6255	1.5	1.5	1.5	1.5	4.5
	65	6275	1.5	1.5	1.5	1.5	4.5
	69	6295	1.5	1.5	1.5	1.5	4.5
	73	6315	1.5	1.5	1.5	1.5	4.5
	77	6335	1.5	1.5	1.5	1.5	4.5
	81	6355	1.5	1.5	1.5	1.5	4.5
	85	6375	1.5	1.5	1.5	1.5	4.5
	89	6395	1.5	1.5	1.5	1.5	4.5
	93	6415	1.5	1.5	1.5	1.5	4.5
802.11ax HE20	1	5955	2.5	2.5	2.5	2.5	5.5
	5	5975	2.5	2.5	2.5	2.5	5.5
	9	5995	2.5	2.5	2.5	2.5	5.5
	13	6015	2.5	2.5	2.5	2.5	5.5
	17	6035	2.5	2.5	2.5	2.5	5.5
	21	6055	2.5	2.5	2.5	2.5	5.5
	25	6075	2.5	2.5	2.5	2.5	5.5
	29	6095	2.5	2.5	2.5	2.5	5.5
	33	6115	2.5	2.5	2.5	2.5	5.5
	37	6135	2.5	2.5	2.5	2.5	5.5
	41	6155	2.5	2.5	2.5	2.5	5.5
	45	6175	2.5	2.5	2.5	2.5	5.5
	49	6195	2.5	2.5	2.5	2.5	5.5
	53	6215	2.5	2.5	2.5	2.5	5.5
	57	6235	2.5	2.5	2.5	2.5	5.5
	61	6255	2.5	2.5	2.5	2.5	5.5
	65	6275	2.5	2.5	2.5	2.5	5.5
	69	6295	2.5	2.5	2.5	2.5	5.5
	73	6315	2.5	2.5	2.5	2.5	5.5
	77	6335	2.5	2.5	2.5	2.5	5.5
	81	6355	2.5	2.5	2.5	2.5	5.5
	85	6375	2.5	2.5	2.5	2.5	5.5
	89	6395	2.5	2.5	2.5	2.5	5.5
	93	6415	2.5	2.5	2.5	2.5	5.5

Tune-up Power (Full)_QCNFA765							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE40	3	5965	5.5	5.5	5.5	5.5	8.5
	11	6005	5.5	5.5	5.5	5.5	8.5
	19	6045	5.5	5.5	5.5	5.5	8.5
	27	6085	5.5	5.5	5.5	5.5	8.5
	35	6125	5.5	5.5	5.5	5.5	8.5
	43	6165	5.5	5.5	5.5	5.5	8.5
	51	6205	5.5	5.5	5.5	5.5	8.5
	59	6245	5.5	5.5	5.5	5.5	8.5
	67	6285	5.5	5.5	5.5	5.5	8.5
	75	6325	5.5	5.5	5.5	5.5	8.5
	83	6365	5.5	5.5	5.5	5.5	8.5
	91	6405	5.5	5.5	5.5	5.5	8.5
802.11ax HE80	7	5985	8.5	8.5	8.5	8.5	11.5
	23	6065	8.5	8.5	8.5	8.5	11.5
	39	6145	8.5	8.5	8.5	8.5	11.5
	55	6225	8.5	8.5	8.5	8.5	11.5
	71	6305	8.5	8.5	8.5	8.5	11.5
	87	6385	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	15	6025	9.0	9.0	9.0	9.0	12.0
	47	6185	9.0	9.0	9.0	9.0	12.0
	79	6345	9.0	9.0	9.0	9.0	12.0

Tune-up Power (Full)_QCNFA765							
UNII-6							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	97	6435	1.5	1.5	1.5	1.5	4.5
	101	6455	1.5	1.5	1.5	1.5	4.5
	105	6475	1.5	1.5	1.5	1.5	4.5
	109	6495	1.5	1.5	1.5	1.5	4.5
	113	6515	1.5	1.5	1.5	1.5	4.5
	117	6535	1.5	1.5	1.5	1.5	4.5
802.11ax HE20	97	6435	2.5	2.5	2.5	2.5	5.5
	101	6455	2.5	2.5	2.5	2.5	5.5
	105	6475	2.5	2.5	2.5	2.5	5.5
	109	6495	2.5	2.5	2.5	2.5	5.5
	113	6515	2.5	2.5	2.5	2.5	5.5
	117	6535	2.5	2.5	2.5	2.5	5.5
802.11ax HE40	99	6445	5.5	5.5	5.5	5.5	8.5
	107	6485	5.5	5.5	5.5	5.5	8.5
	115	6525	5.5	5.5	5.5	5.5	8.5
802.11ax HE80	103	6465	8.5	8.5	8.5	8.5	11.5
	119	6545	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	111	6505	9.0	9.0	9.0	9.0	12.0

Tune-up Power (Full)_QCNA765							
UNII-7							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	121	6555	1.5	1.5	1.5	1.5	4.5
	125	6575	1.5	1.5	1.5	1.5	4.5
	129	6595	1.5	1.5	1.5	1.5	4.5
	133	6615	1.5	1.5	1.5	1.5	4.5
	137	6635	1.5	1.5	1.5	1.5	4.5
	141	6655	1.5	1.5	1.5	1.5	4.5
	145	6675	1.5	1.5	1.5	1.5	4.5
	149	6695	1.5	1.5	1.5	1.5	4.5
	153	6715	1.5	1.5	1.5	1.5	4.5
	157	6735	1.5	1.5	1.5	1.5	4.5
	161	6755	1.5	1.5	1.5	1.5	4.5
	165	6775	1.5	1.5	1.5	1.5	4.5
	169	6795	1.5	1.5	1.5	1.5	4.5
	173	6815	1.5	1.5	1.5	1.5	4.5
	177	6835	1.5	1.5	1.5	1.5	4.5
	181	6855	1.5	1.5	1.5	1.5	4.5
	185	6875	1.5	1.5	1.5	1.5	4.5
802.11ax HE20	121	6555	2.5	2.5	2.5	2.5	5.5
	125	6575	2.5	2.5	2.5	2.5	5.5
	129	6595	2.5	2.5	2.5	2.5	5.5
	133	6615	2.5	2.5	2.5	2.5	5.5
	137	6635	2.5	2.5	2.5	2.5	5.5
	141	6655	2.5	2.5	2.5	2.5	5.5
	145	6675	2.5	2.5	2.5	2.5	5.5
	149	6695	2.5	2.5	2.5	2.5	5.5
	153	6715	2.5	2.5	2.5	2.5	5.5
	157	6735	2.5	2.5	2.5	2.5	5.5
	161	6755	2.5	2.5	2.5	2.5	5.5
	165	6775	2.5	2.5	2.5	2.5	5.5
	169	6795	2.5	2.5	2.5	2.5	5.5
	173	6815	2.5	2.5	2.5	2.5	5.5
	177	6835	2.5	2.5	2.5	2.5	5.5
	181	6855	2.5	2.5	2.5	2.5	5.5
	185	6875	2.5	2.5	2.5	2.5	5.5
802.11ax HE40	123	6565	5.5	5.5	5.5	5.5	8.5
	131	6605	5.5	5.5	5.5	5.5	8.5
	139	6645	5.5	5.5	5.5	5.5	8.5
	147	6685	5.5	5.5	5.5	5.5	8.5
	155	6725	5.5	5.5	5.5	5.5	8.5
	163	6765	5.5	5.5	5.5	5.5	8.5
	171	6805	5.5	5.5	5.5	5.5	8.5
	179	6845	5.5	5.5	5.5	5.5	8.5
802.11ax HE80	187	6885	5.5	5.5	5.5	5.5	8.5
	135	6625	8.5	8.5	8.5	8.5	11.5
	151	6705	8.5	8.5	8.5	8.5	11.5
	167	6785	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	183	6865	8.5	8.5	8.5	8.5	11.5
	143	6665	9.0	9.0	9.0	9.0	12.0
	175	6825	9.0	9.0	9.0	9.0	12.0

Tune-up Power (Full)_QCNFA765							
UNII-8							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	189	6895	1.5	1.5	1.5	1.5	4.5
	193	6915	1.5	1.5	1.5	1.5	4.5
	197	6935	1.5	1.5	1.5	1.5	4.5
	201	6955	1.5	1.5	1.5	1.5	4.5
	205	6975	1.5	1.5	1.5	1.5	4.5
	209	6995	1.5	1.5	1.5	1.5	4.5
	213	7015	1.5	1.5	1.5	1.5	4.5
	217	7035	1.5	1.5	1.5	1.5	4.5
	221	7055	1.5	1.5	1.5	1.5	4.5
	225	7075	1.5	1.5	1.5	1.5	4.5
	229	7095	1.5	1.5	1.5	1.5	4.5
	233	7115	1.0	1.0	1.0	1.0	4.0
802.11ax HE20	189	6895	2.5	2.5	2.5	2.5	5.5
	193	6915	2.5	2.5	2.5	2.5	5.5
	197	6935	2.5	2.5	2.5	2.5	5.5
	201	6955	2.5	2.5	2.5	2.5	5.5
	205	6975	2.5	2.5	2.5	2.5	5.5
	209	6995	2.5	2.5	2.5	2.5	5.5
	213	7015	2.5	2.5	2.5	2.5	5.5
	217	7035	2.5	2.5	2.5	2.5	5.5
	221	7055	2.5	2.5	2.5	2.5	5.5
	225	7075	2.5	2.5	2.5	2.5	5.5
	229	7095	2.5	2.5	2.5	2.5	5.5
	233	7115	-1.0	-1.0	-1.0	-1.0	2.0
802.11ax HE40	195	6925	5.5	5.5	5.5	5.5	8.5
	203	6965	5.5	5.5	5.5	5.5	8.5
	211	7005	5.5	5.5	5.5	5.5	8.5
	219	7045	5.5	5.5	5.5	5.5	8.5
	227	7085	5.5	5.5	5.5	5.5	8.5
802.11ax HE80	199	6945	8.5	8.5	8.5	8.5	11.5
	215	7025	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	207	6985	9.0	9.0	9.0	9.0	12.0

Tune-up Power (Full)_QCNFA765_SP							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	1	5955	19.0	19.0	19.0	19.0	22.0
	5	5975	19.0	19.0	19.0	19.0	22.0
	9	5995	19.0	19.0	19.0	19.0	22.0
	13	6015	19.0	19.0	19.0	19.0	22.0
	17	6035	19.0	19.0	19.0	19.0	22.0
	21	6055	19.0	19.0	19.0	19.0	22.0
	25	6075	19.0	19.0	19.0	19.0	22.0
	29	6095	19.0	19.0	19.0	19.0	22.0
	33	6115	19.0	19.0	19.0	19.0	22.0
	37	6135	19.0	19.0	19.0	19.0	22.0
	41	6155	19.0	19.0	19.0	19.0	22.0
	45	6175	19.0	19.0	19.0	19.0	22.0
	49	6195	19.0	19.0	19.0	19.0	22.0
	53	6215	19.0	19.0	19.0	19.0	22.0
	57	6235	19.0	19.0	19.0	19.0	22.0
	61	6255	19.0	19.0	19.0	19.0	22.0
	65	6275	19.0	19.0	19.0	19.0	22.0
	69	6295	19.0	19.0	19.0	19.0	22.0
	73	6315	19.0	19.0	19.0	19.0	22.0
	77	6335	19.0	19.0	19.0	19.0	22.0
	81	6355	19.0	19.0	19.0	19.0	22.0
	85	6375	19.0	19.0	19.0	19.0	22.0
	89	6395	19.0	19.0	19.0	19.0	22.0
	93	6415	19.0	19.0	19.0	19.0	22.0
802.11ax HE20	1	5955	16.0	16.0	16.0	16.0	19.0
	5	5975	16.0	16.0	16.0	16.0	19.0
	9	5995	16.0	16.0	16.0	16.0	19.0
	13	6015	16.0	16.0	16.0	16.0	19.0
	17	6035	16.0	16.0	16.0	16.0	19.0
	21	6055	16.0	16.0	16.0	16.0	19.0
	25	6075	16.0	16.0	16.0	16.0	19.0
	29	6095	16.0	16.0	16.0	16.0	19.0
	33	6115	16.0	16.0	16.0	16.0	19.0
	37	6135	16.0	16.0	16.0	16.0	19.0
	41	6155	16.0	16.0	16.0	16.0	19.0
	45	6175	16.0	16.0	16.0	16.0	19.0
	49	6195	16.0	16.0	16.0	16.0	19.0
	53	6215	16.0	16.0	16.0	16.0	19.0
	57	6235	16.0	16.0	16.0	16.0	19.0
	61	6255	16.0	16.0	16.0	16.0	19.0
	65	6275	16.0	16.0	16.0	16.0	19.0
	69	6295	16.0	16.0	16.0	16.0	19.0
	73	6315	16.0	16.0	16.0	16.0	19.0
	77	6335	16.0	16.0	16.0	16.0	19.0
	81	6355	16.0	16.0	16.0	16.0	19.0
	85	6375	16.0	16.0	16.0	16.0	19.0
	89	6395	16.0	16.0	16.0	16.0	19.0
	93	6415	16.0	16.0	16.0	16.0	19.0

Tune-up Power (Full)_QCNFA765_SP							
UNII-5							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11ax HE40	3	5965	15.5	15.5	15.5	15.5	18.5
	11	6005	15.5	15.5	15.5	15.5	18.5
	19	6045	15.5	15.5	15.5	15.5	18.5
	27	6085	15.5	15.5	15.5	15.5	18.5
	35	6125	15.5	15.5	15.5	15.5	18.5
	43	6165	15.5	15.5	15.5	15.5	18.5
	51	6205	15.5	15.5	15.5	15.5	18.5
	59	6245	15.5	15.5	15.5	15.5	18.5
	67	6285	15.5	15.5	15.5	15.5	18.5
	75	6325	15.5	15.5	15.5	15.5	18.5
	83	6365	15.5	15.5	15.5	15.5	18.5
	91	6405	15.5	15.5	15.5	15.5	18.5
802.11ax HE80	7	5985	15.0	15.0	15.0	15.0	18.0
	23	6065	15.0	15.0	15.0	15.0	18.0
	39	6145	15.0	15.0	15.0	15.0	18.0
	55	6225	15.0	15.0	15.0	15.0	18.0
	71	6305	15.0	15.0	15.0	15.0	18.0
	87	6385	15.0	15.0	15.0	15.0	18.0
802.11ax HE160	15	6025	14.5	14.5	14.5	14.5	17.5
	47	6185	14.5	14.5	14.5	14.5	17.5
	79	6345	14.5	14.5	14.5	14.5	17.5

Tune-up Power (Full)_QCNFA765_SP							
UNII-7							
Mode	Channel	Frequency	SISO Ant 0 Max Tune up	SISO Ant 1 Max Tune up	MIMO Ant 0 Tune up	MIMO Ant 1 Tune up	MIMO Ant 0+1 Max Tune up
802.11a	121	6555	19.0	19.0	19.0	19.0	22.0
	125	6575	19.0	19.0	19.0	19.0	22.0
	129	6595	19.0	19.0	19.0	19.0	22.0
	133	6615	19.0	19.0	19.0	19.0	22.0
	137	6635	19.0	19.0	19.0	19.0	22.0
	141	6655	19.0	19.0	19.0	19.0	22.0
	145	6675	19.0	19.0	19.0	19.0	22.0
	149	6695	19.0	19.0	19.0	19.0	22.0
	153	6715	19.0	19.0	19.0	19.0	22.0
	157	6735	19.0	19.0	19.0	19.0	22.0
	161	6755	19.0	19.0	19.0	19.0	22.0
	165	6775	19.0	19.0	19.0	19.0	22.0
	169	6795	19.0	19.0	19.0	19.0	22.0
	173	6815	19.0	19.0	19.0	19.0	22.0
	177	6835	19.0	19.0	19.0	19.0	22.0
	181	6855	19.0	19.0	19.0	19.0	22.0
	185	6875	19.0	19.0	19.0	19.0	22.0
802.11ax HE20	121	6555	16.0	16.0	16.0	16.0	19.0
	125	6575	16.0	16.0	16.0	16.0	19.0
	129	6595	16.0	16.0	16.0	16.0	19.0
	133	6615	16.0	16.0	16.0	16.0	19.0
	137	6635	16.0	16.0	16.0	16.0	19.0
	141	6655	16.0	16.0	16.0	16.0	19.0
	145	6675	16.0	16.0	16.0	16.0	19.0
	149	6695	16.0	16.0	16.0	16.0	19.0
	153	6715	16.0	16.0	16.0	16.0	19.0
	157	6735	16.0	16.0	16.0	16.0	19.0
	161	6755	16.0	16.0	16.0	16.0	19.0
	165	6775	16.0	16.0	16.0	16.0	19.0
	169	6795	16.0	16.0	16.0	16.0	19.0
	173	6815	16.0	16.0	16.0	16.0	19.0
	177	6835	16.0	16.0	16.0	16.0	19.0
	181	6855	16.0	16.0	16.0	16.0	19.0
	185	6875	16.0	16.0	16.0	16.0	19.0
802.11ax HE40	123	6565	15.5	15.5	15.5	15.5	18.5
	131	6605	15.5	15.5	15.5	15.5	18.5
	139	6645	15.5	15.5	15.5	15.5	18.5
	147	6685	15.5	15.5	15.5	15.5	18.5
	155	6725	15.5	15.5	15.5	15.5	18.5
	163	6765	15.5	15.5	15.5	15.5	18.5
	171	6805	15.5	15.5	15.5	15.5	18.5
	179	6845	15.5	15.5	15.5	15.5	18.5
802.11ax HE80	187	6885	15.5	15.5	15.5	15.5	18.5
	135	6625	15.0	15.0	15.0	15.0	18.0
	151	6705	15.0	15.0	15.0	15.0	18.0
	167	6785	15.0	15.0	15.0	15.0	18.0
802.11ax HE160	183	6865	15.0	15.0	15.0	15.0	18.0
	143	6665	14.5	14.5	14.5	14.5	17.5
	175	6825	14.5	14.5	14.5	14.5	17.5

Appendix E. Measured Conducted Power Result

The measuring conducted power (Unit: dBm) are shown as below.

Conducted Power (Full)_QCNFA765			
WLAN2.4GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11b	1	2412	18.75
	6	2437	19.84
	11	2462	18.96
	12	2467	16.82
	13	2472	14.25

Conducted Power (Full)_QCNFA765			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	18.95
	6	2437	19.71
	11	2462	18.88
	12	2467	16.97
	13	2472	14.16

Conducted Power (Full)_QCNFA765					
WLAN2.4GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11b	1	2412	18.94	16.48	20.89
	6	2437	19.86	18.07	22.07
	11	2462	18.94	16.83	21.02
	12	2467	18.41	15.81	20.31
	13	2472	15.96	13.16	17.79

Conducted Power (Full)_QCNFA765			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	14.14
	39	2441	14.01
	78	2480	14.65
LE	0	2402	6.69
	19	2440	6.89
	39	2480	6.96

Conducted Power (Full)_QCNFA765			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	15.95
	56	5280	18.37
	60	5300	18.49
	64	5320	15.82

Conducted Power (Full)_QCNFA765			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	15.98
	56	5280	18.43
	60	5300	18.47
	64	5320	15.89

Conducted Power (Full)_QCNFA765					
WLAN 5.3GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	52	5260	15.75	15.88	18.83
	56	5280	18.36	17.08	20.78
	60	5300	18.49	17.83	21.18
	64	5320	15.78	14.46	18.18

Conducted Power (Full)_QCNFA765			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	14.96
	116	5580	18.47
	120	5600	18.43
	124	5620	18.37
	132	5660	18.46
	140	5700	14.47
	144	5720	18.91

Conducted Power (Full)_QCNFA765			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	14.75
	116	5580	18.36
	120	5600	18.33
	124	5620	18.18
	132	5660	18.12
	140	5700	14.23
	144	5720	18.78

Conducted Power (Full)_QCNFA765					
WLAN 5.6GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	100	5500	14.99	13.12	17.17
	116	5580	18.41	17.32	20.91
	120	5600	18.37	16.82	20.67
	124	5620	18.47	16.41	20.57
	132	5660	18.46	15.56	20.26
	140	5700	14.71	14.51	17.62
	144	5720	18.26	18.97	21.64

Conducted Power (Full)_QCNFA765			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	18.33
	153	5765	18.34
	157	5785	18.46
	161	5805	18.48
	165	5825	18.49

Conducted Power (Full)_QCNFA765			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	18.21
	153	5765	18.46
	157	5785	18.37
	161	5805	18.43
	165	5825	18.48

Conducted Power (Full)_QCNFA765					
WLAN 5.8GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	149	5745	18.38	15.19	20.08
	153	5765	18.23	15.38	20.05
	157	5785	18.32	16.22	20.41
	161	5805	18.35	16.49	20.53
	165	5825	18.39	17.16	20.83

Conducted Power (Full)_QCNFA765			
WLAN 5.9GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	167	5835	15.26
	175	5875	15.49

Conducted Power (Full)_QCNFA765			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	167	5835	15.31
	175	5875	15.49

Conducted Power (Full)_QCNFA765					
WLAN 5.9GHz Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11n HT40	167	5835	15.72	14.14	18.01
	175	5875	15.81	14.21	18.09

Conducted Power (Full)_QCNFA765			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	15	6025	7.41
	47	6185	7.16
	79	6345	7.26

Conducted Power (Full)_QCNFA765			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	15	6025	7.42
	47	6185	7.18
	79	6345	7.23

Conducted Power (Full)_QCNFA765					
UNII-5 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	15	6025	7.49	7.21	10.36
	47	6185	7.29	6.84	10.08
	79	6345	7.21	6.87	10.05

Conducted Power (Full)_QCNFA765			
UNII-6 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	111	6505	7.31

Conducted Power (Full)_QCNFA765			
UNII-6 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	111	6505	7.33

Conducted Power (Full)_QCNFA765					
UNII-6 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	111	6505	7.33	7.15	10.25

Conducted Power (Full)_QCNFA765			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	143	6665	7.23
	175	6825	7.04

Conducted Power (Full)_QCNFA765			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	143	6665	7.31
	175	6825	7.06

Conducted Power (Full)_QCNFA765					
UNII-7 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	143	6665	7.23	6.77	10.02
	175	6825	7.22	6.76	10.01



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Conducted Power (Full)_QCNFA765			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	207	6985	7.23

Conducted Power (Full)_QCNFA765			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	207	6985	7.25

Conducted Power (Full)_QCNFA765					
UNII-8 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11ax HE160	207	6985	7.72	6.42	10.13

Conducted Power (Full)_QCNFA765_FCC SP			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	18.64
	5	5975	18.43
	9	5995	18.21
	13	6015	17.67
	17	6035	18.86
	21	6055	18.97
	25	6075	18.73
	29	6095	18.96
	33	6115	18.91
	37	6135	18.92
	41	6155	18.61
	45	6175	18.45
	49	6195	17.65
	53	6215	17.56
	57	6235	17.19
	61	6255	18.52
	65	6275	18.33
	69	6295	17.98
	73	6315	17.39
	77	6335	17.49
	81	6355	17.52
	85	6375	17.36
	89	6395	17.47
	93	6415	17.53

Conducted Power (Full)_QCNFA765_FCC SP			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	18.95
	5	5975	18.59
	9	5995	18.64
	13	6015	18.84
	17	6035	18.92
	21	6055	18.99
	25	6075	18.86
	29	6095	18.88
	33	6115	18.67
	37	6135	18.82
	41	6155	18.93
	45	6175	18.79
	49	6195	18.21
	53	6215	17.82
	57	6235	17.29
	61	6255	18.96
	65	6275	18.56
	69	6295	18.76
	73	6315	18.68
	77	6335	18.66
	81	6355	18.71
	85	6375	18.84
	89	6395	18.86
	93	6415	18.98

Conducted Power (Full)_QCNFA765_FCC SP					
UNII-5 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	1	5955	18.68	18.04	21.38
	5	5975	18.79	18.26	21.54
	9	5995	18.45	18.12	21.3
	13	6015	18.15	18.38	21.28
	17	6035	18.78	18.41	21.61
	21	6055	18.16	18.78	21.49
	25	6075	18.33	18.89	21.63
	29	6095	18.07	18.93	21.53
	33	6115	17.69	18.72	21.25
	37	6135	17.63	18.72	21.22
	41	6155	17.66	18.67	21.2
	45	6175	18.21	18.46	21.35
	49	6195	18.67	18.92	21.81
	53	6215	18.64	18.69	21.68
	57	6235	18.52	18.45	21.5
	61	6255	18.47	18.29	21.39
	65	6275	18.35	18.21	21.29
	69	6295	17.85	17.79	20.83
	73	6315	18.13	18.24	21.2
	77	6335	17.96	18.07	21.03
	81	6355	17.88	17.96	20.93
	85	6375	17.63	17.93	20.79
	89	6395	17.88	17.94	20.92
	93	6415	17.91	18.12	21.03

Conducted Power (Full)_QCNFA765_FCC SP			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	121	6555	18.12
	125	6575	18.21
	129	6595	18.86
	133	6615	18.92
	137	6635	18.87
	141	6655	18.91
	145	6675	18.94
	149	6695	18.91
	153	6715	18.74
	157	6735	18.41
	161	6755	18.21
	165	6775	17.39
	169	6795	17.36
	173	6815	17.42
	177	6835	17.17
	181	6855	17.43
	185	6875	17.59

Conducted Power (Full)_QCNFA765_FCC SP			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	121	6555	18.92
	125	6575	18.77
	129	6595	18.86
	133	6615	18.94
	137	6635	18.88
	141	6655	18.81
	145	6675	18.76
	149	6695	18.67
	153	6715	18.75
	157	6735	18.71
	161	6755	18.82
	165	6775	18.74
	169	6795	18.78
	173	6815	18.89
	177	6835	18.88
	181	6855	18.71
	185	6875	18.81

Conducted Power (Full)_QCNFA765_FCC SP					
UNII-7 Ant 0+1					
Mode	Channel	Frequency	MIMO Ant 0 Avg. Power	MIMO Ant 1 Avg. Power	MIMO Ant 0+1 Avg. Power
802.11a	121	6555	18.13	18.87	21.53
	125	6575	18.11	18.92	21.54
	129	6595	18.32	18.75	21.55
	133	6615	18.49	18.71	21.61
	137	6635	18.39	18.64	21.53
	141	6655	18.39	18.84	21.63
	145	6675	18.29	18.67	21.49
	149	6695	18.33	18.42	21.39
	153	6715	18.68	18.85	21.78
	157	6735	18.74	18.62	21.69
	161	6755	18.85	18.66	21.77
	165	6775	18.73	18.64	21.7
	169	6795	18.65	18.68	21.68
	173	6815	18.76	18.63	21.71
	177	6835	18.39	18.88	21.65
	181	6855	18.33	18.75	21.56
	185	6875	18.13	18.67	21.42

Appendix F. SAR and Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.
2. The "< 0.001" means there is no SAR value or the SAR is too low to be measured.
3. Per Apr. 2021 TCB Workshop U-NII 6-7G interim procedures, the incident power density were performed with the highest SAR configuration on U-NII 6-7G bands and measured results were scaled by factor 1.545 to reported power density when measurement uncertainty exceed 30%.

Body SAR Test Result

System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
7	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant 0	100.00	1.00	20.50	19.84	1.16	0.02	0.101	0.12
	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant 1	100.00	1.00	20.50	19.71	1.20	-0.15	0.169	0.20
	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant 0+1	100.00	1.00	23.50	22.07	1.39	0.01	0.234	0.33
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	Ant 0+1	100.00	1.00	22.50	20.89	1.45	-0.13	0.142	0.21
	WLAN2.4G	802.11b	Bottom of Laptop	0	11	Ant 0+1	100.00	1.00	22.50	21.02	1.41	0.05	0.195	0.27
	WLAN2.4G	802.11b	Bottom of Laptop	0	12	Ant 0+1	100.00	1.00	21.50	20.31	1.32	0.02	0.123	0.16
	WLAN2.4G	802.11b	Bottom of Laptop	0	13	Ant 0+1	100.00	1.00	19.00	17.79	1.32	-0.15	0.071	0.09
8	WLAN5.3G	802.11a	Bottom of Laptop	0	60	Ant 0	98.50	1.02	19.00	18.49	1.12	0.18	0.035	0.04
	WLAN5.3G	802.11a	Bottom of Laptop	0	60	Ant 1	99.00	1.01	19.00	18.47	1.13	-0.04	0.073	0.08
	WLAN5.3G	802.11a	Bottom of Laptop	0	60	Ant 0+1	98.00	1.02	22.00	21.18	1.21	0.19	0.073	0.09
	WLAN5.3G	802.11a	Bottom of Laptop	0	52	Ant 0+1	98.00	1.02	19.00	18.83	1.04	0.07	0.051	0.05
	WLAN5.3G	802.11a	Bottom of Laptop	0	56	Ant 0+1	98.00	1.02	22.00	20.78	1.32	0.07	0.075	0.10
	WLAN5.3G	802.11a	Bottom of Laptop	0	64	Ant 0+1	98.00	1.02	19.00	18.18	1.21	0.04	0.036	0.04
9	WLAN5.6G	802.11a	Bottom of Laptop	0	144	Ant 0	98.50	1.02	19.00	18.91	1.02	-0.02	0.045	0.05
	WLAN5.6G	802.11a	Bottom of Laptop	0	144	Ant 1	99.00	1.01	19.00	18.78	1.05	0.07	0.048	0.05
	WLAN5.6G	802.11a	Bottom of Laptop	0	144	Ant 0+1	98.00	1.02	22.00	21.64	1.09	-0.13	0.052	0.06
	WLAN5.6G	802.11a	Bottom of Laptop	0	100	Ant 0+1	98.00	1.02	19.00	17.17	1.52	-0.11	0.039	0.06
	WLAN5.6G	802.11a	Bottom of Laptop	0	116	Ant 0+1	98.00	1.02	21.50	20.91	1.15	0.03	0.053	0.06
	WLAN5.6G	802.11a	Bottom of Laptop	0	120	Ant 0+1	98.00	1.02	21.50	20.67	1.21	-0.13	0.047	0.06
	WLAN5.6G	802.11a	Bottom of Laptop	0	124	Ant 0+1	98.00	1.02	21.50	20.57	1.24	0.12	0.044	0.06
	WLAN5.6G	802.11a	Bottom of Laptop	0	132	Ant 0+1	98.00	1.02	21.50	20.26	1.33	-0.08	0.038	0.05
	WLAN5.6G	802.11a	Bottom of Laptop	0	140	Ant 0+1	98.00	1.02	19.00	17.62	1.37	0	<0.001	0.00
10	WLAN5.8G	802.11a	Bottom of Laptop	0	165	Ant 0	98.50	1.02	19.00	18.49	1.12	0.1	0.026	0.03
	WLAN5.8G	802.11a	Bottom of Laptop	0	165	Ant 1	99.00	1.01	19.00	18.48	1.13	-0.13	0.029	0.03
	WLAN5.8G	802.11a	Bottom of Laptop	0	165	Ant 0+1	98.00	1.02	22.00	20.83	1.31	-0.16	0.03	0.04
	WLAN5.8G	802.11a	Bottom of Laptop	0	149	Ant 0+1	98.00	1.02	22.00	20.08	1.56	-0.05	0.032	0.05
	WLAN5.8G	802.11a	Bottom of Laptop	0	153	Ant 0+1	98.00	1.02	22.00	20.05	1.57	0.05	0.023	0.04
	WLAN5.8G	802.11a	Bottom of Laptop	0	157	Ant 0+1	98.00	1.02	22.00	20.41	1.44	-0.04	0.024	0.04
	WLAN5.8G	802.11a	Bottom of Laptop	0	161	Ant 0+1	98.00	1.02	22.00	20.53	1.40	0.13	0.027	0.04

Body SAR Test Result

Body SAR Test Result														
System & Position						DUT Configuration	SAR							
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)
	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	175	Ant 0	98.30	1.02	17.00	15.49	1.42	0.1	0.023	0.03
	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	175	Ant 1	98.90	1.01	17.00	15.49	1.42	-0.01	0.024	0.03
11	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	175	Ant 0+1	98.30	1.02	20.00	18.09	1.55	0.12	0.026	0.04
	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	167	Ant 0+1	98.30	1.02	20.00	18.01	1.58	0.03	0.021	0.03
12	BT	BDR	Bottom of Laptop	0	78	Ant 1	77.13	1.30	16.00	14.65	1.36	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	0	Ant 1	77.13	1.30	16.00	14.14	1.53	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	39	Ant 1	77.13	1.30	16.00	14.01	1.58	0	<0.001	0.00



SAR and Power Density Test Result																											
System & Position						DUT Configuration		SAR										Power Density									
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Ant Status	Power Status	Duty Cycle	Crest Factor	Max. Tune-up Power (dBm)	Measured Conducted Power (dBm)	Scaling Factor	Power Drift (dB)	Measured SAR-1g (W/kg)	Scaled SAR-1g (W/kg)	Measured APD W/m² (4cm²)	Scaled APD W/m² (4cm²)	Grid Step [λ]	iPD [W/m²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm²]	Power Drift [dB]	Normal psPD [W/m²]	Scaled Normal psPD [W/m²]	Total psPD [W/m²]	Scaled Total psPD [W/m²]	
		UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Ant 0	LPI	99.10	1.01	9.00	7.41	1.44	0	<0.001	0.00	<0.001	0.00									
		UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Ant 1	LPI	99.10	1.01	9.00	7.42	1.44	0	<0.001	0.00	<0.001	0.00									
14		UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Ant 0+1	LPI	97.70	1.02	12.00	10.36	1.46	0	<0.001	0.00	<0.001	0.00	0.0502	3.33	1.545	4.00	-0.06	0.108	0.17	0.317	0.73
		UNII-5	802.11ax HE160	Bottom of Laptop	0	47	Ant 0+1	LPI	97.70	1.02	12.00	10.08	1.56	0	<0.001	0.00	<0.001	0.00	0.0515	3.07	1.545	4.00	-0.02	0.099	0.16	0.283	0.7
		UNII-5	802.11ax HE160	Bottom of Laptop	0	79	Ant 0+1	LPI	97.70	1.02	12.00	10.05	1.57	0	<0.001	0.00	<0.001	0.00	0.0529	3.23	1.545	4.00	0.04	0.094	0.15	0.287	0.71
		UNII-6	802.11ax HE160	Bottom of Laptop	0	111	Ant 0+1	LPI	97.70	1.02	12.00	10.25	1.50	0	<0.001	0.00	<0.001	0.00	0.0542	3.29	1.545	4.00	0.06	0.092	0.14	0.293	0.69
		UNII-7	802.11ax HE160	Bottom of Laptop	0	143	Ant 0+1	LPI	97.70	1.02	12.00	10.02	1.58	0	<0.001	0.00	<0.001	0.00	0.0555	3.22	1.545	4.00	0.02	0.096	0.15	0.286	0.71
		UNII-7	802.11ax HE160	Bottom of Laptop	0	175	Ant 0+1	LPI	97.70	1.02	12.00	10.01	1.58	0	<0.001	0.00	<0.001	0.00									
		UNII-8	802.11ax HE160	Bottom of Laptop	0	207	Ant 0+1	LPI	97.70	1.02	12.00	10.13	1.54	0	<0.001	0.00	<0.001	0.00									
		UNII-5	802.11a	Bottom of Laptop	0	21	Ant0	SP	98.50	1.02	19.00	18.97	1.01	0.15	0.079	0.08	0.669	0.69									
		UNII-5	802.11a	Bottom of Laptop	0	21	Ant1	SP	99.00	1.01	19.00	18.99	1.00	0.04	0.048	0.05	0.41	0.41									
		UNII-5	802.11a	Bottom of Laptop	0	49	Ant0+1	SP	98.00	1.02	22.00	21.81	1.04	0.1	0.059	0.06	0.502	0.53									
		UNII-5	802.11a	Bottom of Laptop	0	1	Ant0	SP	98.50	1.02	19.00	18.64	1.09	0	0.043	0.05	0.365	0.41									
		UNII-5	802.11a	Bottom of Laptop	0	5	Ant0	SP	98.50	1.02	19.00	18.43	1.14	0.14	0.079	0.09	0.669	0.78									
		UNII-5	802.11a	Bottom of Laptop	0	9	Ant0	SP	98.50	1.02	19.00	18.21	1.20	-0.18	0.083	0.10	0.707	0.87									
		UNII-5	802.11a	Bottom of Laptop	0	13	Ant0	SP	98.50	1.02	19.00	17.67	1.36	0.02	0.052	0.07	0.441	0.61									
		UNII-5	802.11a	Bottom of Laptop	0	17	Ant0	SP	98.50	1.02	19.00	18.86	1.03	-0.13	0.093	0.10	0.791	0.83									
		UNII-5	802.11a	Bottom of Laptop	0	25	Ant0	SP	98.50	1.02	19.00	18.73	1.06	0.12	0.07	0.08	0.601	0.65									
		UNII-5	802.11a	Bottom of Laptop	0	29	Ant0	SP	98.50	1.02	19.00	18.96	1.01	0.14	0.072	0.07	0.616	0.63									
		UNII-5	802.11a	Bottom of Laptop	0	33	Ant0	SP	98.50	1.02	19.00	18.91	1.02	0.17	0.067	0.07	0.57	0.59									
		UNII-5	802.11a	Bottom of Laptop	0	37	Ant0	SP	98.50	1.02	19.00	18.92	1.02	-0.03	0.065	0.07	0.555	0.58									
		UNII-5	802.11a	Bottom of Laptop	0	41	Ant0	SP	98.50	1.02	19.00	18.61	1.09	-0.16	0.068	0.08	0.578	0.64									
		UNII-5	802.11a	Bottom of Laptop	0	45	Ant0	SP	98.50	1.02	19.00	18.45	1.14	0.11	0.058	0.07	0.494	0.57									
		UNII-5	802.11a	Bottom of Laptop	0	49	Ant0	SP	98.50	1.02	19.00	17.65	1.36	-0.14	0.076	0.11	0.646	0.9									
		UNII-5	802.11a	Bottom of Laptop	0	53	Ant0	SP	98.50	1.02	19.00	17.56	1.39	0.01	0.081	0.11	0.692	0.98									
		UNII-5	802.11a	Bottom of Laptop	0	57	Ant0	SP	98.50	1.02	19.00	17.19	1.52	0.04	0.099	0.15	0.844	1.31									
		UNII-5	802.11a	Bottom of Laptop	0	61	Ant0	SP	98.50	1.02	19.00	18.52	1.12	0.19	0.088	0.10	0.753	0.86									
		UNII-5	802.11a	Bottom of Laptop	0	65	Ant0	SP	98.50	1.02	19.00	18.33	1.17	-0.18	0.117	0.14	0.996	1.19									
		UNII-5	802.11a	Bottom of Laptop	0	69	Ant0	SP	98.50	1.02	19.00	17.98	1.26	0.05	0.095	0.12	0.806	1.04									
		UNII-5	802.11a	Bottom of Laptop	0	73	Ant0	SP	98.50	1.02	19.00	17.39	1.45	0.13	0.059	0.09	0.502	0.74									
		UNII-5	802.11a	Bottom of Laptop	0	77	Ant0	SP	98.50	1.02	19.00	17.49	1.42	-0.01	0.058	0.08	0.494	0.72									
		UNII-5	802.11a	Bottom of Laptop	0	81	Ant0	SP	98.50	1.02	19.00	17.52	1.41	0.01	0.034	0.05	0.289	0.42									
		UNII-5	802.11a	Bottom of Laptop	0	85	Ant0	SP	98.50	1.02	19.00	17.36	1.46	0.09	0.042	0.06	0.357	0.53									
		UNII-5	802.11a	Bottom of Laptop	0	89	Ant0	SP	98.50	1.02	19.00	17.47	1.42	-0.14	0.063	0.09	0.54	0.78									
		UNII-5	802.11a	Bottom of Laptop	0	93	Ant0	SP	98.50	1.02	19.00	17.53	1.40	0.03	0.03	0.04	0.258	0.37									
		UNII-7	802.11a	Bottom of Laptop	0	121	Ant0	SP	98.50	1.02	19.00	18.12	1.22	0.17	0.104	0.13	0.882	1.1									
		UNII-7	802.11a	Bottom of Laptop	0	125	Ant0	SP	98.50	1.02	19.00	18.21	1.20	-0.05	0.118	0.14	1	1.22									
		UNII-7	802.11a	Bottom of Laptop	0	129	Ant0	SP	98.50	1.02	19.00	18.86	1.03	0.17	0.095	0.10	0.806	0.85									
		UNII-7	802.11a	Bottom of Laptop	0	133	Ant0	SP	98.50	1.02	19.00	18.92	1.02	-0.08	0.092	0.10	0.783	0.81									
		UNII-7	802.11a	Bottom of Laptop	0	137	Ant0	SP	98.50	1.02	19.00	18.87	1.03	-0.1	0.086	0.09	0.73	0.77									
		UNII-7	802.11a	Bottom of Laptop	0	141	Ant0	SP	98.50	1.02	19.00	18.91	1.02	-0.07	0.061	0.06	0.517	0.54									
		UNII-7	802.11a	Bottom of Laptop	0	145	Ant0	SP	98.50	1.02	19.00	18.94	1.01	0.01	0.066	0.07	0.562	0.58									
		UNII-7	802.11a	Bottom of Laptop	0	149	Ant0	SP	98.50	1.02	19.00	18.91	1.02	0.02	0.061	0.06	0.517	0.54									
		UNII-7	802.11a	Bottom of Laptop	0	153	Ant0	SP	98.50	1.02	19.00	18.74	1.06	-0.12	0.066	0.07	0.562	0.61									
		UNII-7	802.11a	Bottom of Laptop	0	157	Ant0	SP	98.50	1.02	19.00	18.41	1.15	0.17	0.099	0.12	0.844	0.99									
		UNII-7	802.11a	Bottom of Laptop	0	161	Ant0	SP	98.50	1.02	19.00	18.21	1.20	-0.06	0.103	0.13	0.874	1.07									
		UNII-7	802.11a	Bottom of Laptop	0	165	Ant0	SP	98.50	1.02	19.00	17.39	1.45	0.05	0.132	0.20	1.12	1.66									
		UNII-7	802.11a	Bottom of Laptop	0	169	Ant0	SP	98.50	1.02	19.00	17.36	1.46	-0.03	0.175	0.26	1.48	2.2	0.0569	36.75	1.545	4.00	0.02	1.28	2.02	1.77	4.07
		UNII-7	802.11a	Bottom of Laptop	0	173	Ant0	SP	98.50	1.02	19.00	17.42	1.44	-0.09	0.183	0.27	1.55	2.28	0.0569	38.17	1.545	4.00	-0.15	1.33	2.1	1.81	4.11
		UNII-7	802.11a	Bottom of Laptop	0	177	Ant0	SP	98.50	1.02	19.00	17.17	1.52	0.18	0.2	0.31	1.69	2.62	0.0569	43.85	1.545	4.00	0.07	1.55	2.44	1.96	4.69
15		UNII-7	802.11a	Bottom of Laptop	0	181	Ant0	SP	98.50	1.02	19.00	17.43	1.44	0.06	0.229	0.34	1.94	2.85	0.0569	48.10	1.545	4.00	0.13	1.68	2.65	2.32	5.26
		UNII-7	802.11a	Bottom of Laptop	0	185	Ant0	SP	98.50	1.02	19.00	17.59	1.38	0.06	0.216	0.30											