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: 2022/12/16

S07 System Check_H2450_221216

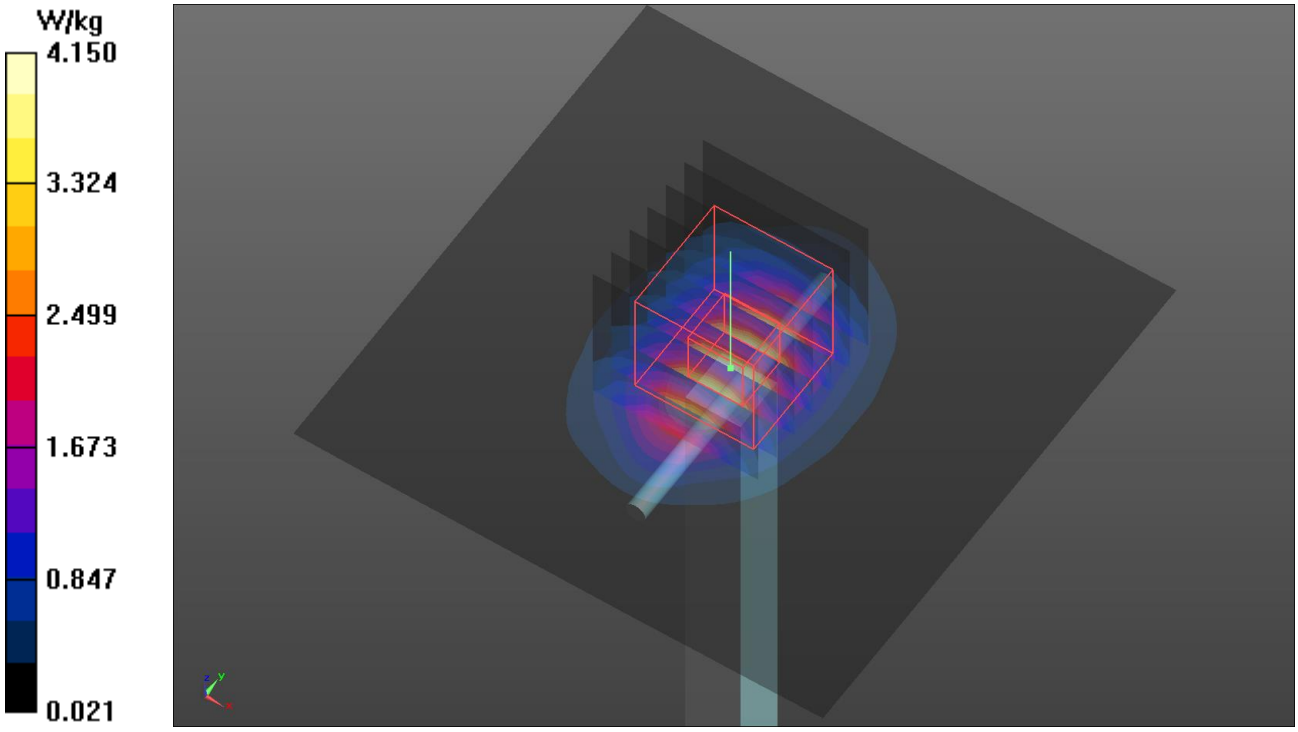
DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H06T27N1_1216 Medium parameters used: f = 2450 MHz; σ = 1.839 S/m; ε_r = 38.663; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2450 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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=5mm, dy=5mm, dz=5mm
Reference Value = 48.86 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 5.22 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.17 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/19

S08 System Check_H5250_221219

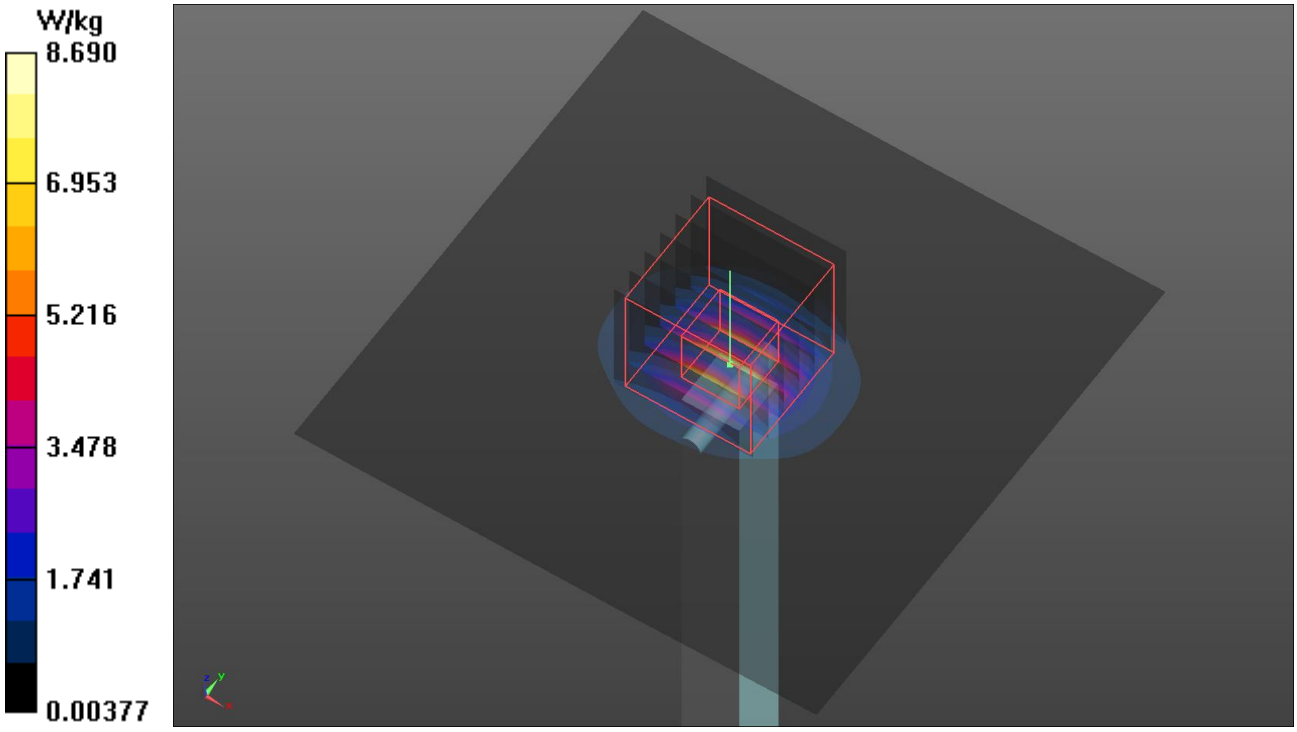
DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: H51T72N1_1219 Medium parameters used: f = 5250 MHz; σ = 4.61 S/m; ε_r = 37.18; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(5.79, 5.79, 5.79) @ 5250 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 8.69 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.69 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 14.6 W/kg
SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.21 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2023/02/24

S09 System Check_H5600_230224

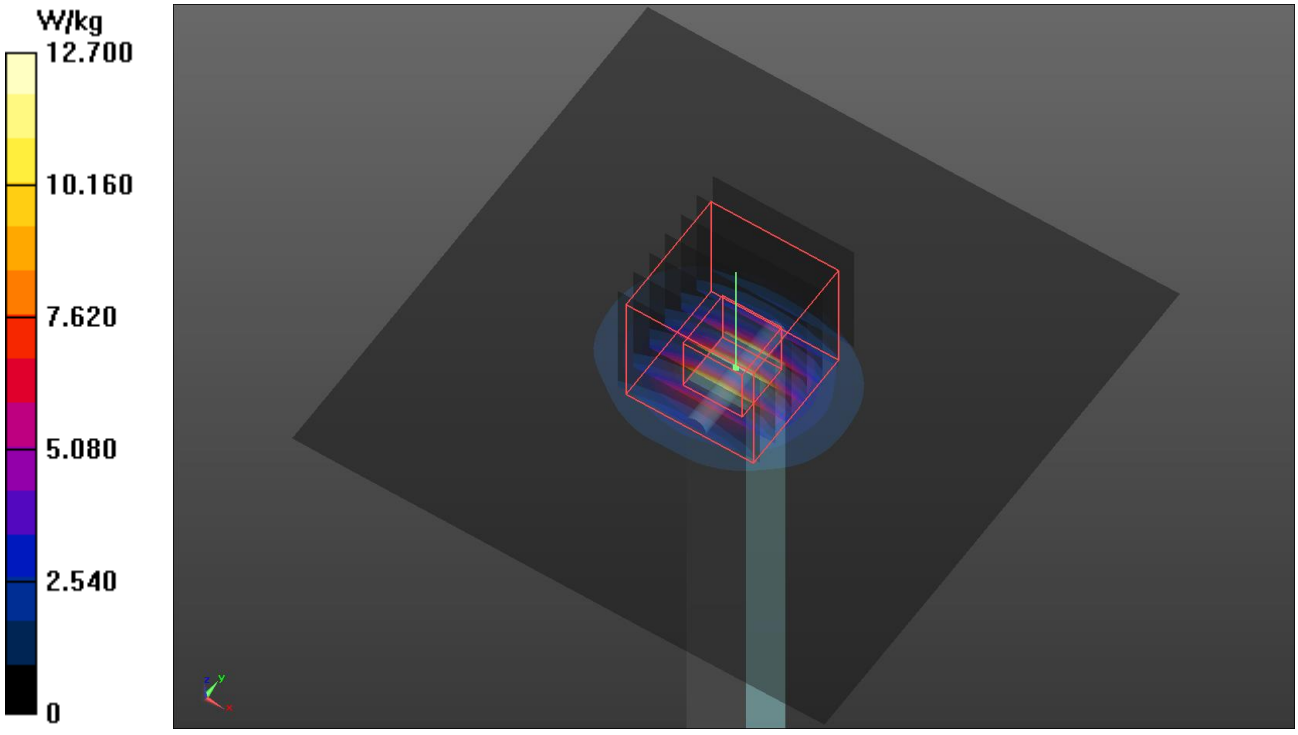
DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: H51T72N1_0224 Medium parameters used: f = 5600 MHz; σ = 4.928 S/m; ε_r = 34.759; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(4.95, 4.95, 4.95) @ 5600 MHz; Calibrated: 2023/01/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2023/01/24
- Phantom: ELI_Phantom_1204; Type: QD OVA 002 Ax; Serial: 1204
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 12.7 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 57.99 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 22.9 W/kg
SAR(1 g) = 4.1 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 13.5 W/kg



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/19

S10 System Check_H5750_221219

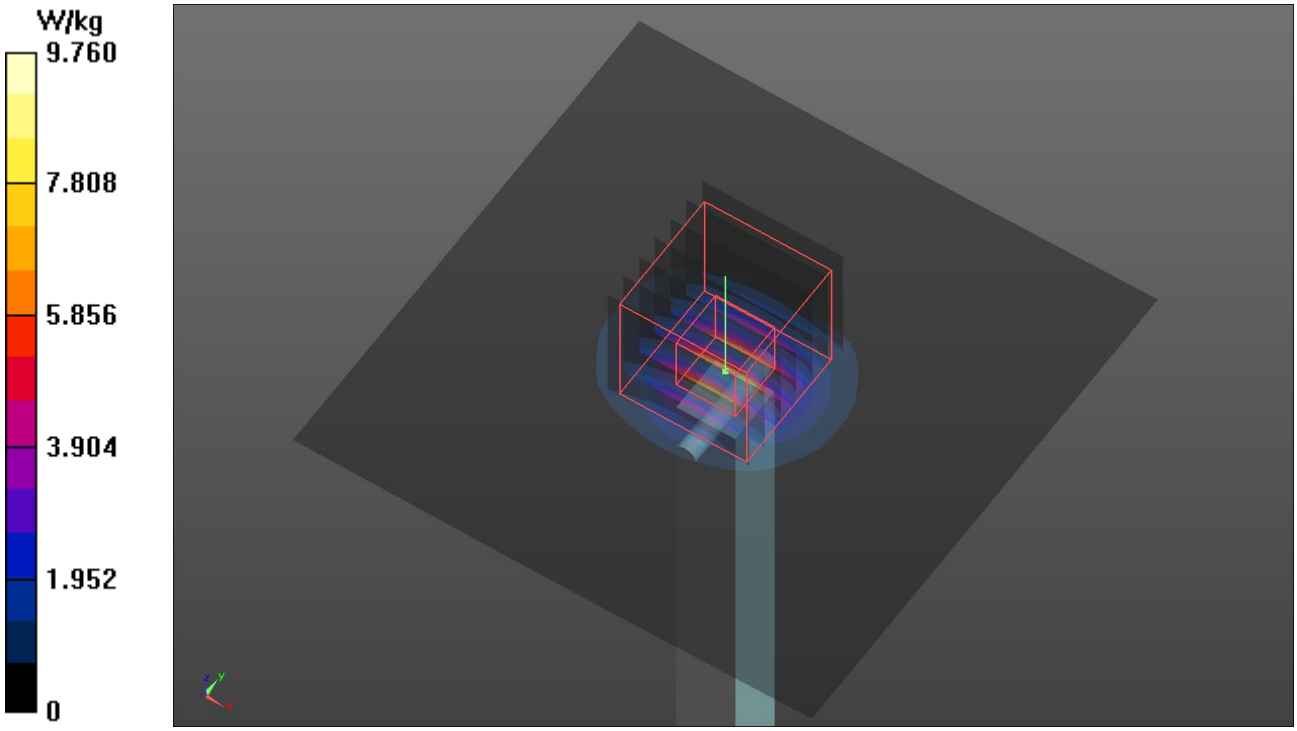
DUT: Dipole 5 GHz; Type: D5GHzV2; SN: 1019

Communication System: UID 0, CW; Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: H51T72N1_1219 Medium parameters used: f = 5750 MHz; σ = 5.179 S/m; ε_r = 36.296; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃； Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(5.2, 5.2, 5.2) @ 5750 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Pin=50mW/Area Scan (81x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 9.76 W/kg

Pin=50mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 47.94 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 3.7 W/kg; SAR(10 g) = 1.06 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 9.63 W/kg



Plots of System Verification

Measurement Report
S11a System Check_H5750_221219
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	5.16	36.3

Hardware Setup

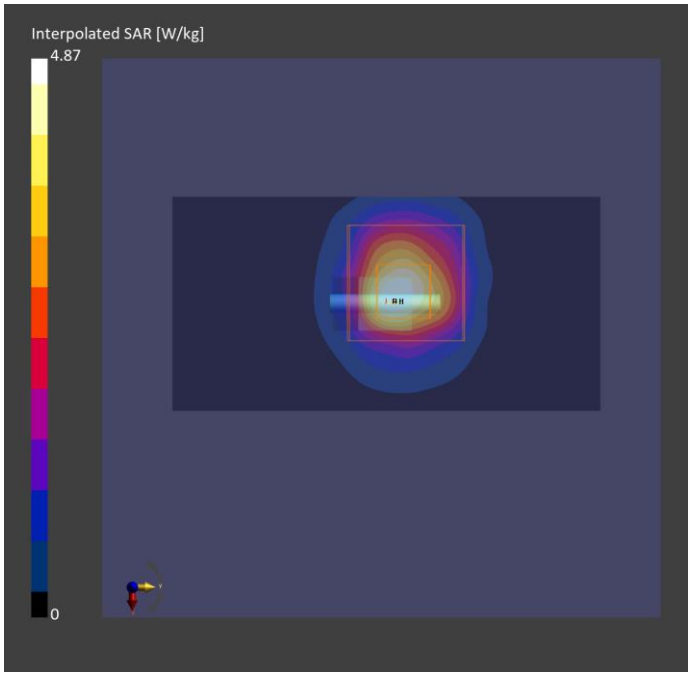
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

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	2022-12-19	2022-12-19
psSAR1g [W/kg]	3.45	3.69
psSAR10g [W/kg]	1.07	1.13
Power Drift [dB]	-0.01	0.04
M2/M1 [%]		61.9
Dist 3dB Peak [mm]		7.3



Plots of System Verification

Measurement Report
S11b System Check_H6500_221219
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,				6500.0	5.65	6.02	34.5

Hardware Setup

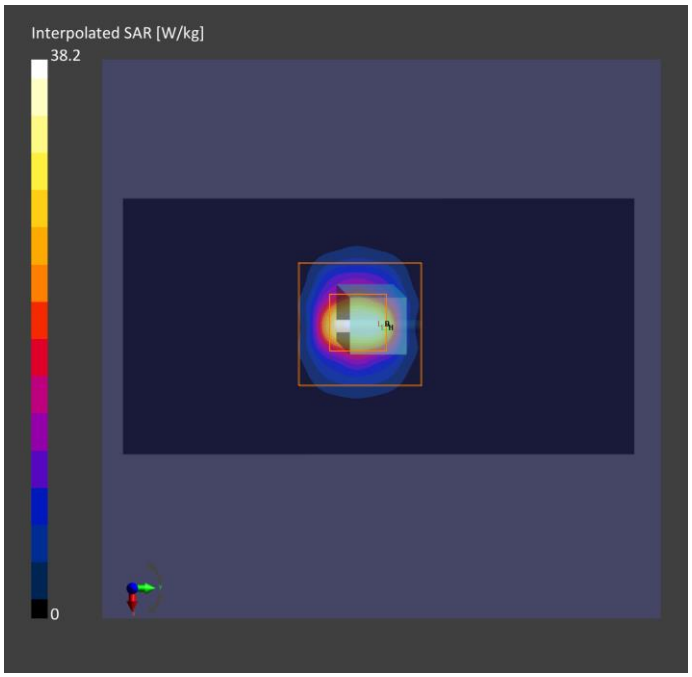
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

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	2022-12-19	2022-12-19
psSAR1g [W/kg]	25.5	29.5
psSAR10g [W/kg]	5.05	5.39
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	-0.02	0.13
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		7.6



Plots of System Verification

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/16

S12 System Check_H2450_221216

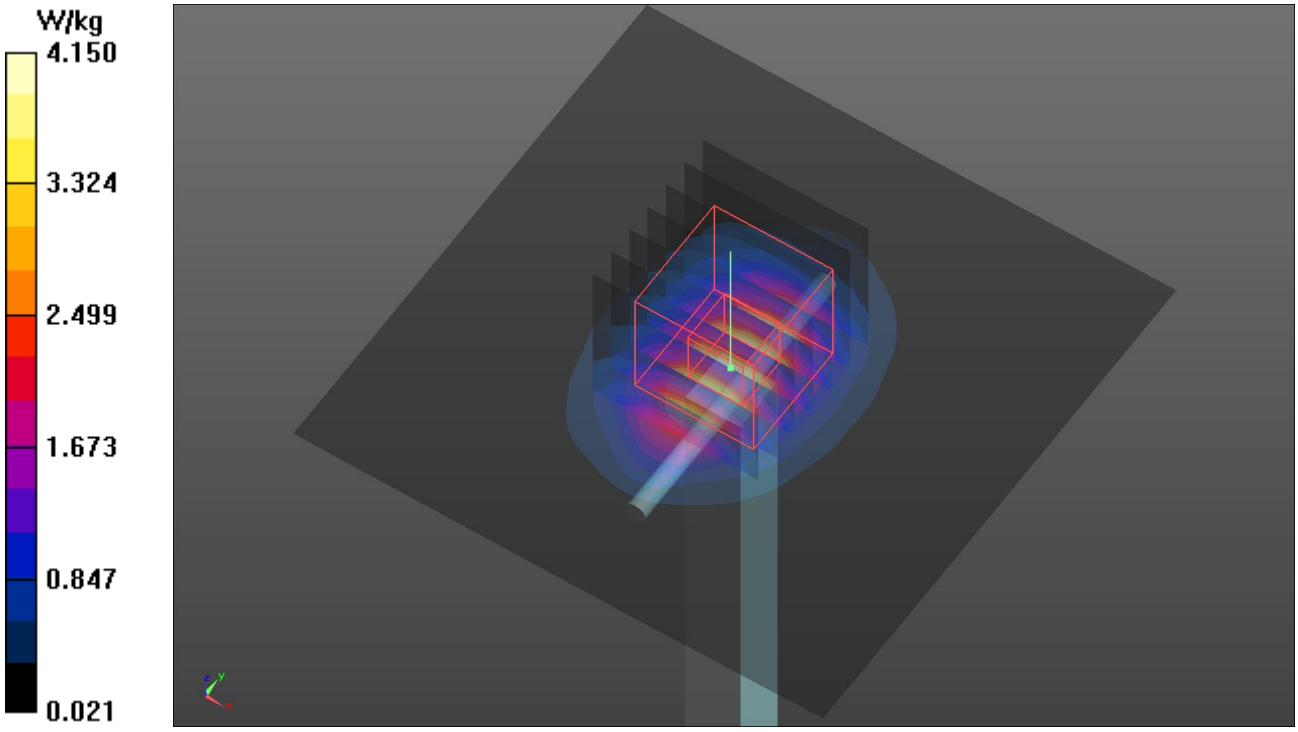
DUT: Dipole 2450 MHz; Type: D2450V2; SN: 737

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: H06T27N1_1216 Medium parameters used: f = 2450 MHz; σ = 1.839 S/m; ε_r = 38.663; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2450 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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=5mm, dy=5mm, dz=5mm
Reference Value = 48.86 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 5.22 W/kg
SAR(1 g) = 2.44 W/kg; SAR(10 g) = 1.15 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 4.17 W/kg



Plots of System Verification

Measurement Report
S14 System Check_H6500_221219
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,				6500.0	5.65	6.02	34.5

Hardware Setup

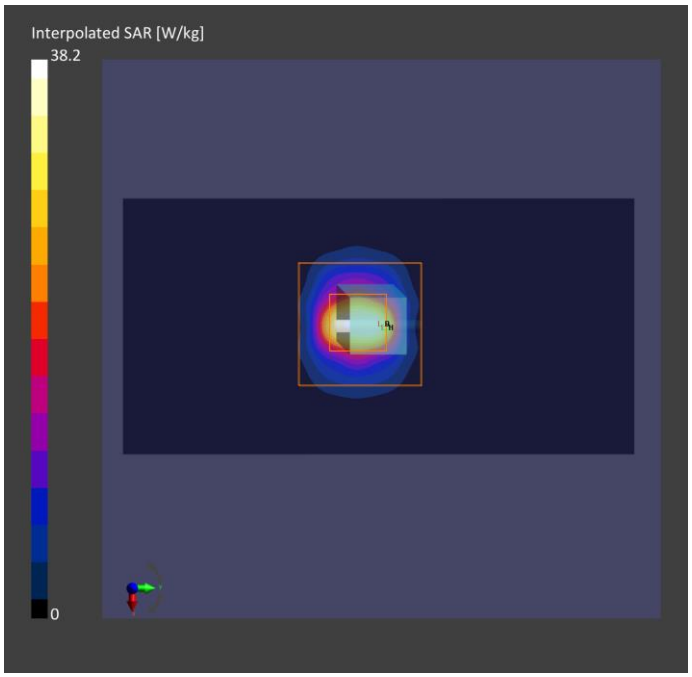
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

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	2022-12-19	2022-12-19
psSAR1g [W/kg]	25.5	29.5
psSAR10g [W/kg]	5.05	5.39
psAPD (1.0cm2, sq) [W/m2]		295
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	-0.02	0.13
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		7.6



Plots of System Verification

Measurement Report
S15 System Check_H6.5GHz_230223
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	5.65	6.03	34.4

Hardware Setup

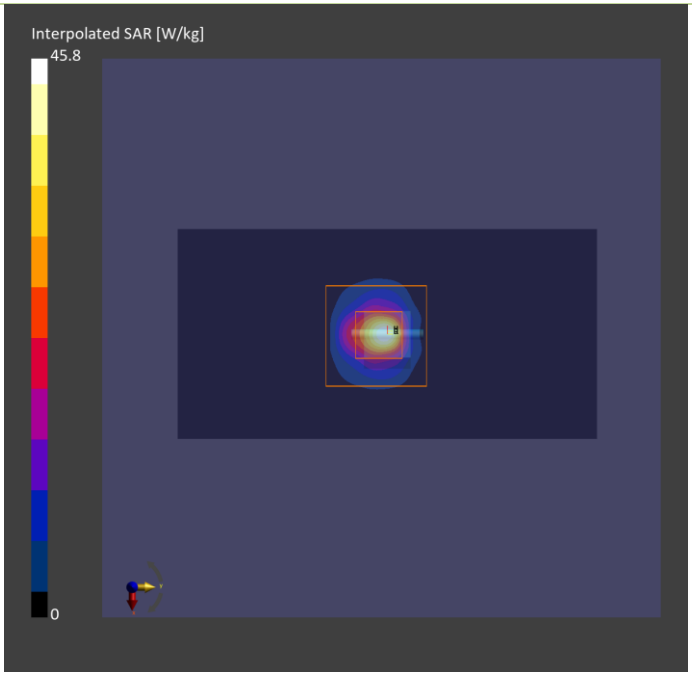
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H51T72N4, 2023-Feb-23	EX3DV4 - SN3971, 2023-01-20	DAE4 Sn1277, 2023-01-24

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	2023-02-23	2023-02-23
psSAR1g [W/kg]	25.0	28.4
psSAR10g [W/kg]	4.93	5.21
psAPD (1.0cm2, sq) [W/m2]		284
psAPD (4.0cm2, sq) [W/m2]		131
Power Drift [dB]	-0.01	-0.02



Measurement Report
S14 PD_System Check_10 GHz_2022.12.22
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	

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

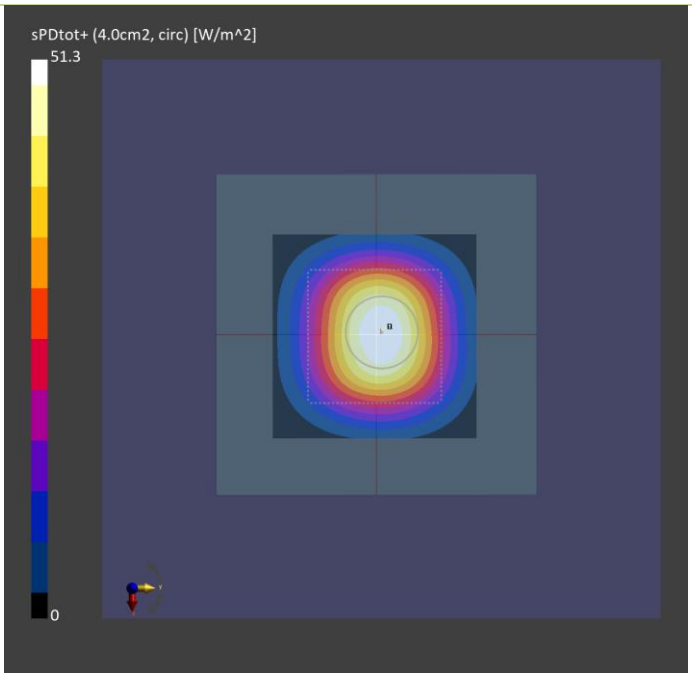
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	--Air--	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	5.55

Measurement Results

	5G Scan
Date	2022-12-22
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	50.7
psPDtot+ [W/m^2]	51.2
psPDmod+ [W/m^2]	51.5
E_{max} [V/m]	144
Power Drift [dB]	0.09



Plots of System Verification

Measurement Report
S15 PD_System Check_10 GHz_2023.02.24
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	

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

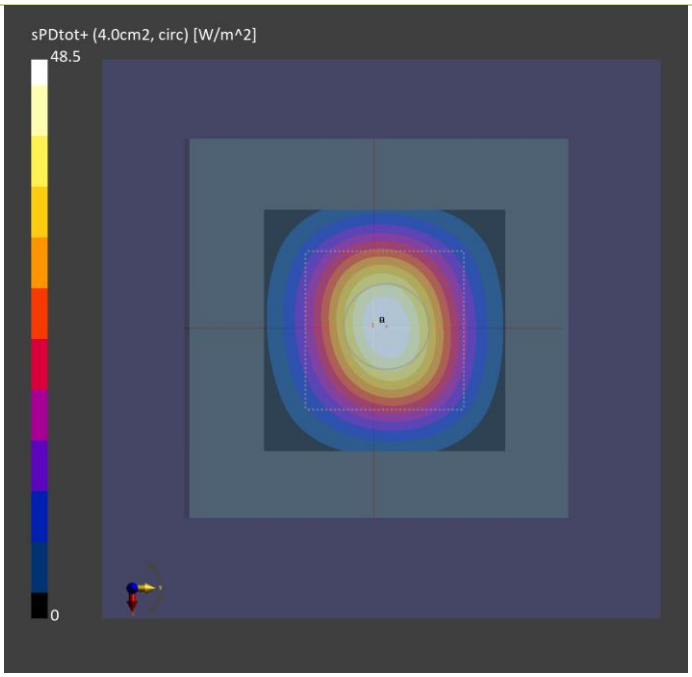
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

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	2023-02-24
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	48.2
psPDtot+ [W/m^2]	48.5
psPDmod+ [W/m^2]	48.8
E_{max} [V/m]	140
Power Drift [dB]	0.05



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: 2022/12/16

P07 WLAN2.4G_802.11b_Bottom of Laptop_0mm_Ch6_Ant 1

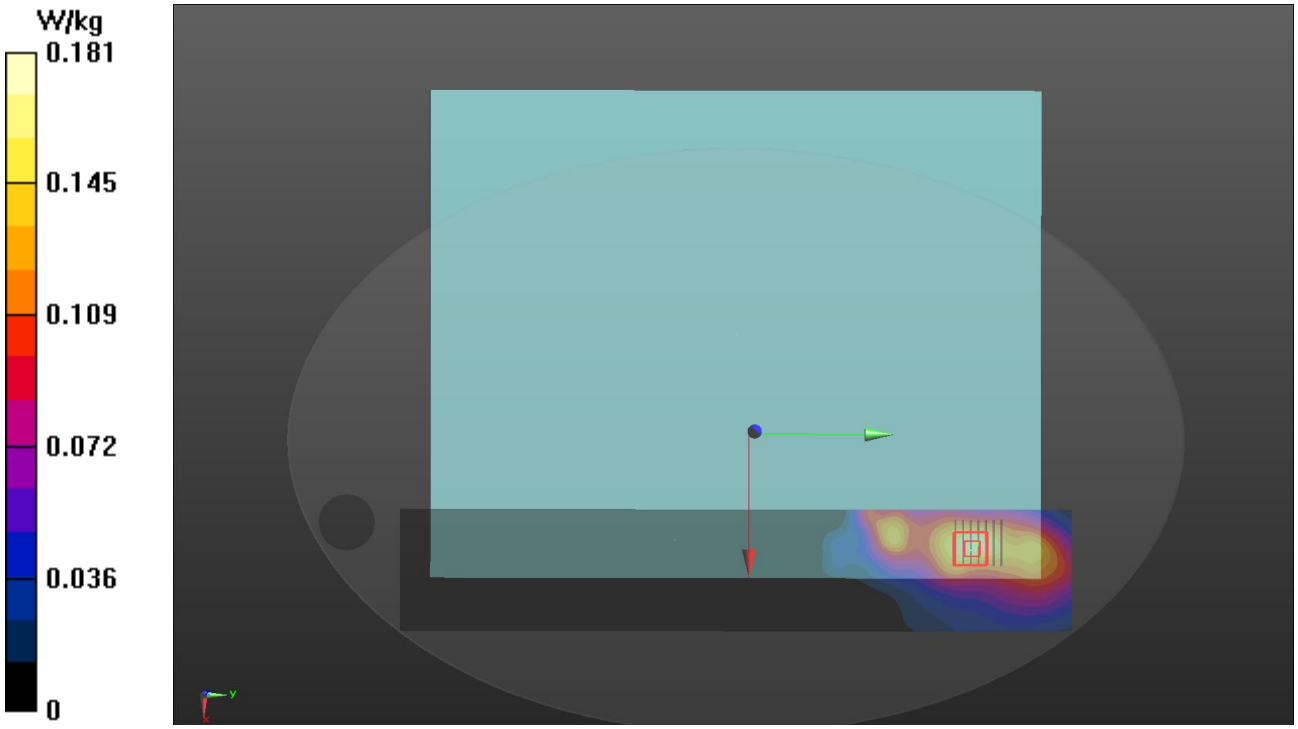
DUT: BDGE-WTW-P22120074

Communication System: UID 10012 - CAB, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps); Frequency: 2437 MHz;Duty Cycle: 1:1.23
Medium: H06T27N1_1216 Medium parameters used: f = 2437 MHz; σ = 1.829 S/m; ε_r = 38.679; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃ ； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2437 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x371x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.181 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.08 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.074 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.8 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 0.202 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/19

P08 WLAN5.3G_802.11a_Bottom of Laptop_0mm_Ch56_Ant 0

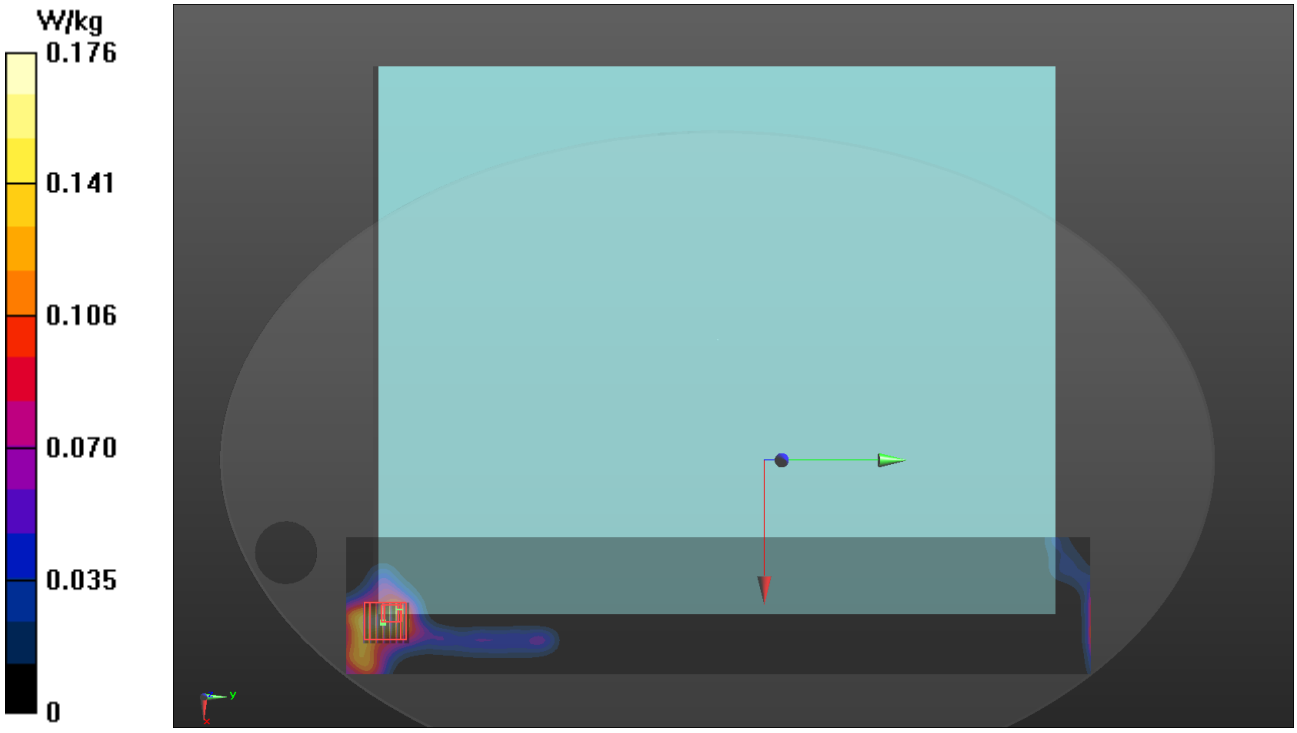
DUT: BDGE-WTW-P22120074

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5280 MHz;Duty Cycle: 1:1.01
Medium: H51T72N1_1219 Medium parameters used: f = 5280 MHz; σ = 4.646 S/m; ε_r = 37.173; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃ ； Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(5.79, 5.79, 5.79) @ 5280 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x441x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.176 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.453 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.030 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 16.5 mm
Ratio of SAR at M2 to SAR at M1 = 65.6%
Maximum value of SAR (measured) = 0.142 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_Ch144_Ant0+1

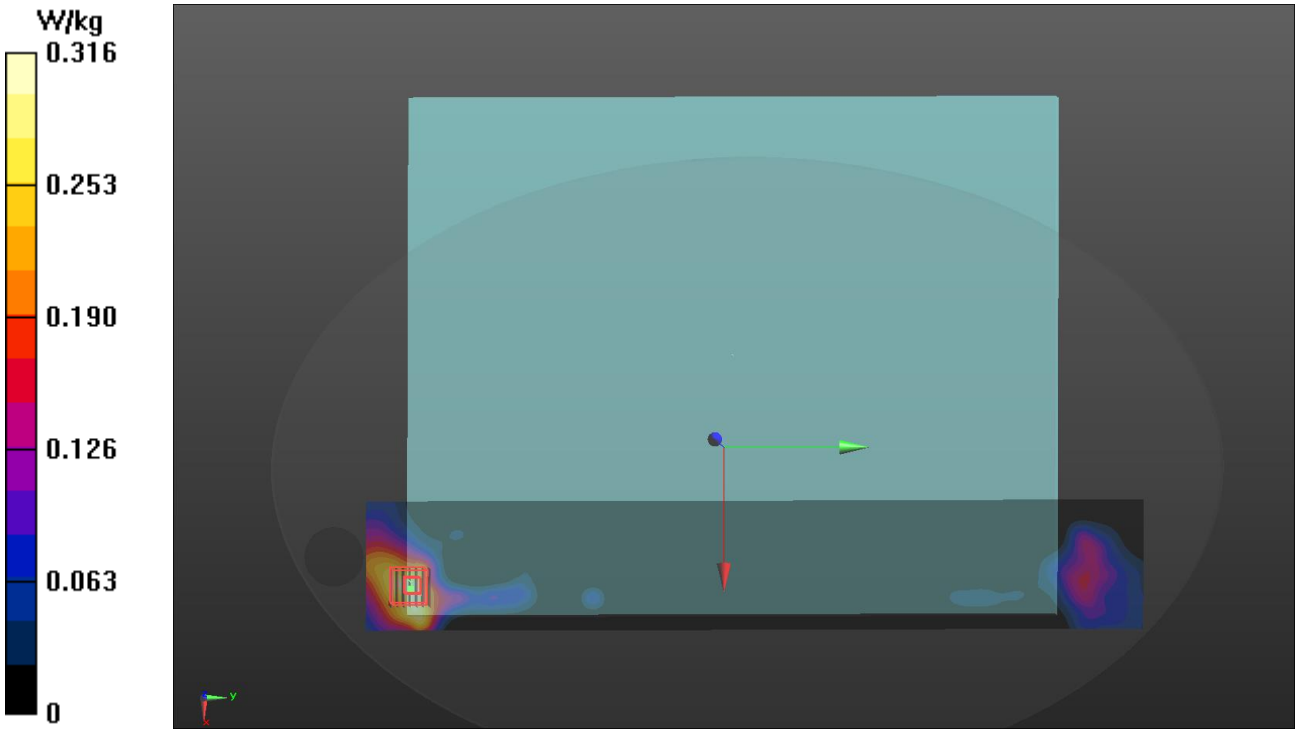
DUT: BDGE-WTW-P22120074

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5720 MHz;Duty Cycle: 1:1.02
Medium: H51T72N1_0224 Medium parameters used: f = 5720 MHz; σ = 5.192 S/m; ε_r = 34.462; ρ = 1000 kg/m^3
Ambient Temperature：22.2 ℃ ； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3971; ConvF(4.91, 4.91, 4.91) @ 5720 MHz; Calibrated: 2023/01/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2023/01/24
- Phantom: ELI_Phantom_1204; Type: QD OVA 002 Ax; Serial: 1204
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x481x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.316 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 7.719 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.592 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.073 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 10.9 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 0.379 W/kg



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/19

P10 WLAN5.8G_802.11a_Bottom of Laptop_0mm_Ch157_Ant 0

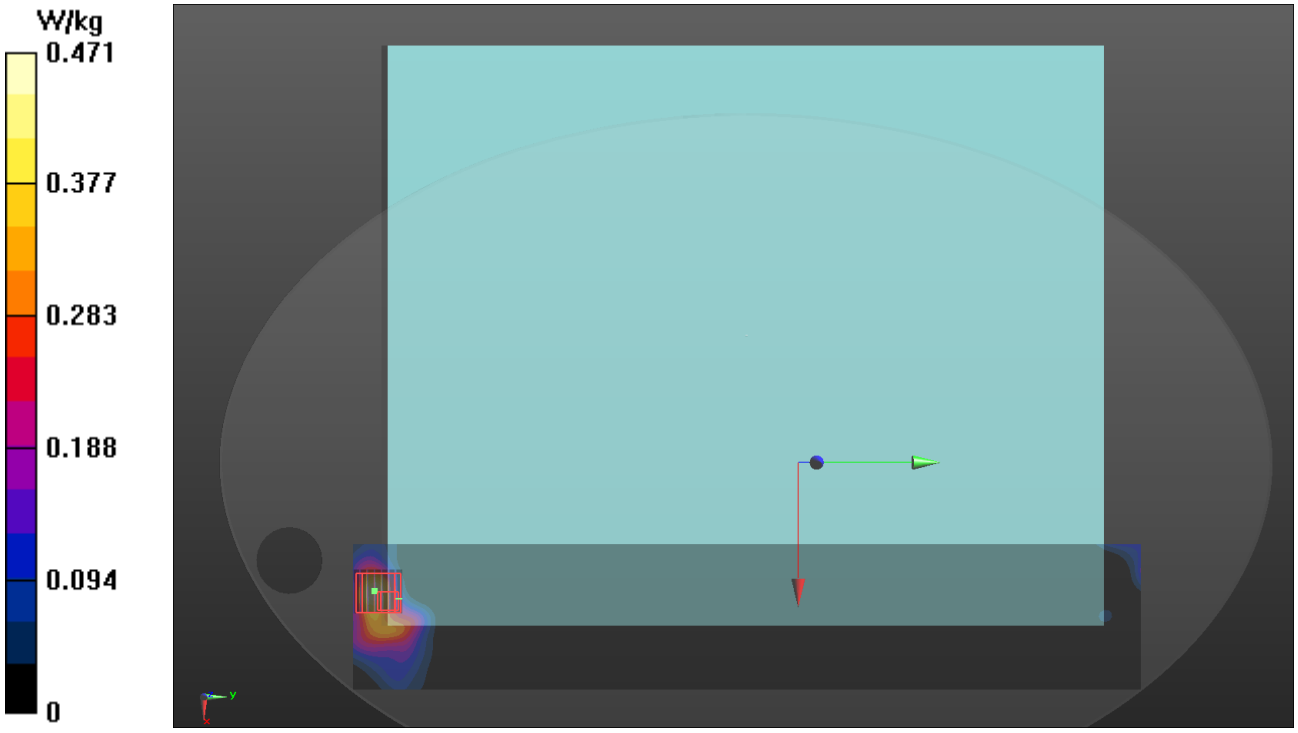
DUT: BDGE-WTW-P22120074

Communication System: UID 10062 - CAD, IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps); Frequency: 5785 MHz;Duty Cycle: 1:1.01
Medium: H51T72N1_1219 Medium parameters used: f = 5785 MHz; σ = 5.215 S/m; ε_r = 36.262; ρ = 1000 kg/m^3
Ambient Temperature：22.1 ℃ ； Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(5.2, 5.2, 5.2) @ 5785 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x441x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.471 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 8.394 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.625 W/kg
SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.060 W/kg (SAR corrected for target medium)
Smallest distance from peaks to all points 3 dB below = 13.8 mm
Ratio of SAR at M2 to SAR at M1 = 63.2%
Maximum value of SAR (measured) = 0.381 W/kg



Measurement Report
P11 WLAN5.9G_802.11n HT40_Bottom of Laptop_0mm_Ch175_Ant0
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074,	400.0 x 320.0 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, 0.00	U-NII-4	WLAN, 10599-AAC	5875.0, 175	4.79	5.27	35.5

Hardware Setup

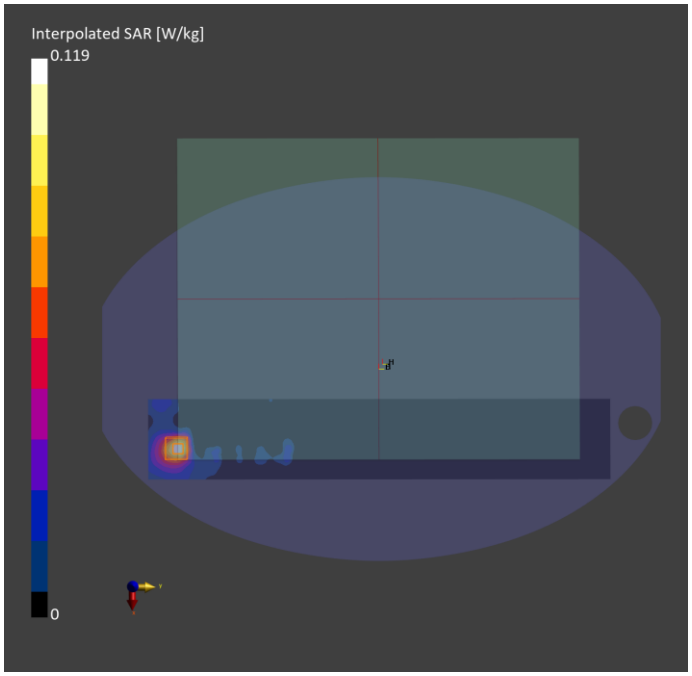
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 460.0	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	2022-12-19	2022-12-19
psSAR1g [W/kg]	0.087	0.091
psSAR10g [W/kg]	0.033	0.034
Power Drift [dB]	0.10	-0.02
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		10.4



Plots of Measurement

Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2022/12/16

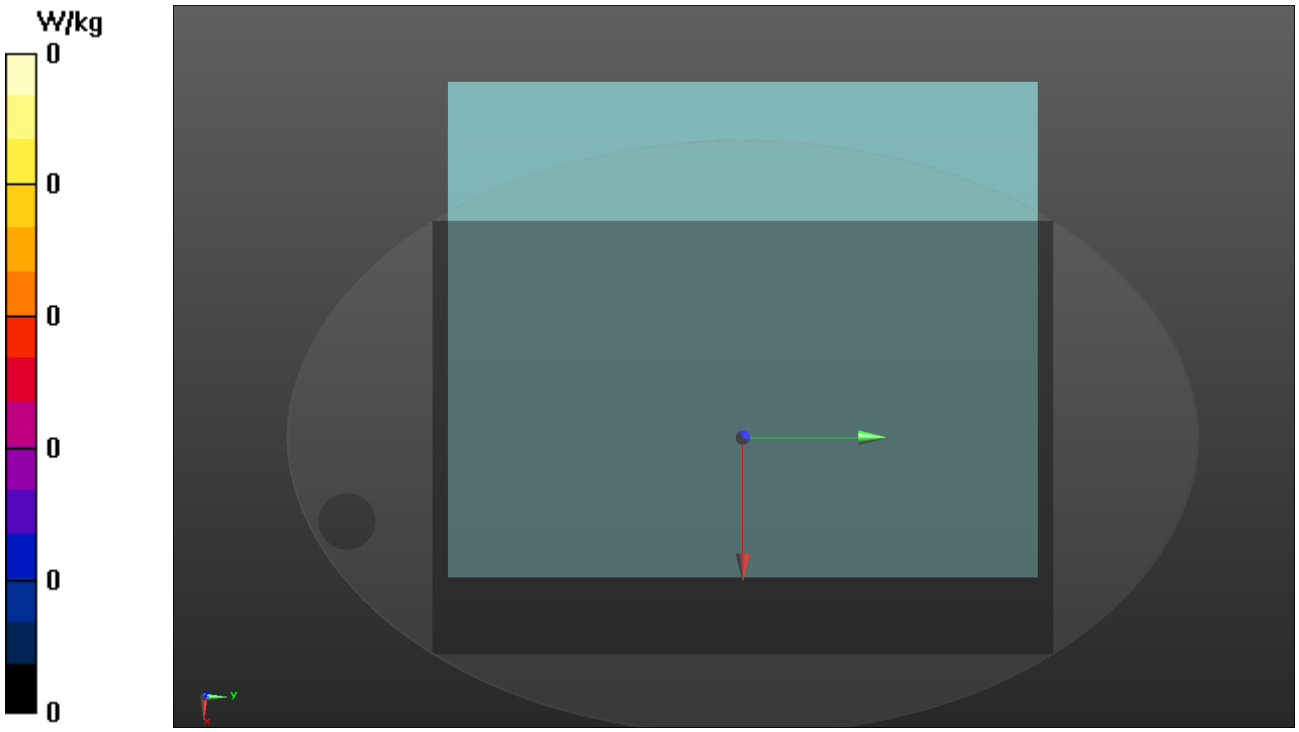
P12 BT_BDR_Bottom of Laptop_0mm_Ch39_Ant 1

DUT: BDGE-WTW-P22120074

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2441 MHz;Duty Cycle: 1:1.3
Medium: H06T27N1_1216 Medium parameters used: f = 2441 MHz; σ = 1.832 S/m; ε_r = 38.674; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃ ； Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7707; ConvF(8.13, 8.13, 8.13) @ 2441 MHz; Calibrated: 2022/2/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1431; Calibrated: 2022/2/23
- Phantom: ELI Phantom_1206; Type: QDOVA001BB;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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_Power Status LPI
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074,	400.0 x 320.0 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, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.65	5.45	35.3

Hardware Setup

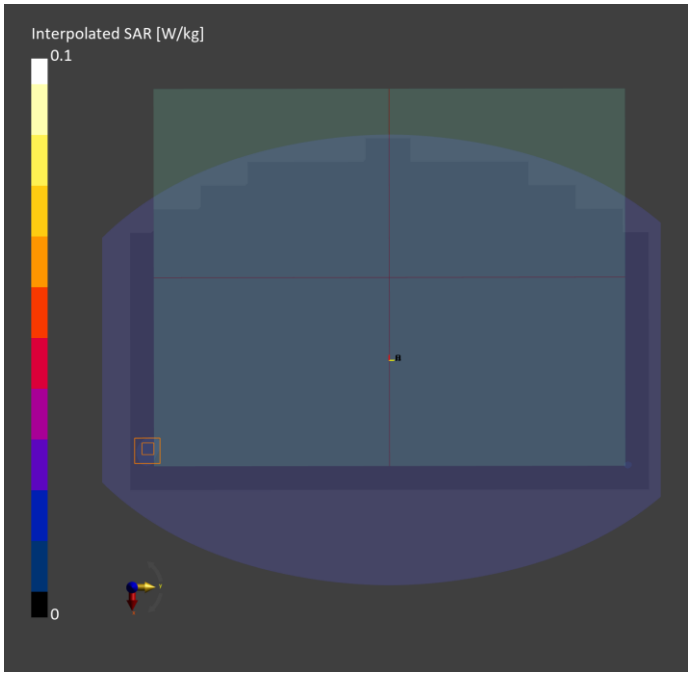
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H51T72N6 , 2022-Dec-19	EX3DV4 - SN7554, 2022-07-28	DAE4 Sn1341, 2022-07-19

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	360.0 x 435.0	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	2022-12-19	2022-12-19
psSAR1g [W/kg]	0.012	0.016
psSAR10g [W/kg]	0.004	0.005
psAPD (1.0cm2, sq) [W/m2]		0.159
psAPD (4.0cm2, sq) [W/m2]		0.110
Power Drift [dB]	0.05	0.08
M2/M1 [%]		63.1
Dist 3dB Peak [mm]		6.1



Measurement Report
P15 UNII-7_802.11a_Bottom of Laptop_0mm_Ch133_Ant 1_Power Status SP
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074,	400.0 x 320.0 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	UNII-7	WLAN, 10062-CAD	6615.0, 133	5.65	6.16	34.3

Hardware Setup

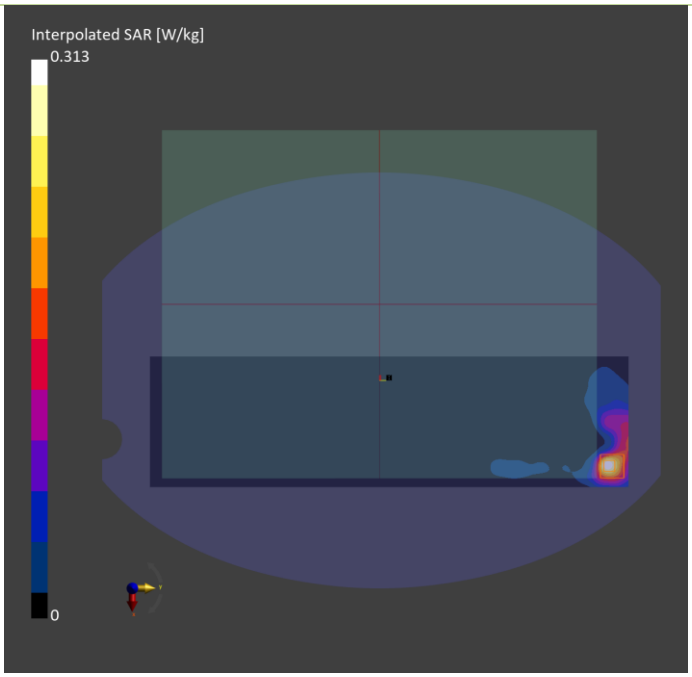
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1204	H51T72N4, 2023-Feb-23	EX3DV4 - SN3971, 2023-01-20	DAE4 Sn1277, 2023-01-24

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 442.5	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	2023-02-23	2023-02-23
psSAR1g [W/kg]	0.222	0.242
psSAR10g [W/kg]	0.084	0.083
psAPD (1.0cm2, sq) [W/m2]		2.42
psAPD (4.0cm2, sq) [W/m2]		1.88
Power Drift [dB]	0.01	0.02
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		9.1



Measurement Report
P14 UNII-5_802.11ax HE160_Bottom of Laptop_0mm_Ch15_Power Status LPI _Ant 0+1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074	406.0 x 320.0 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

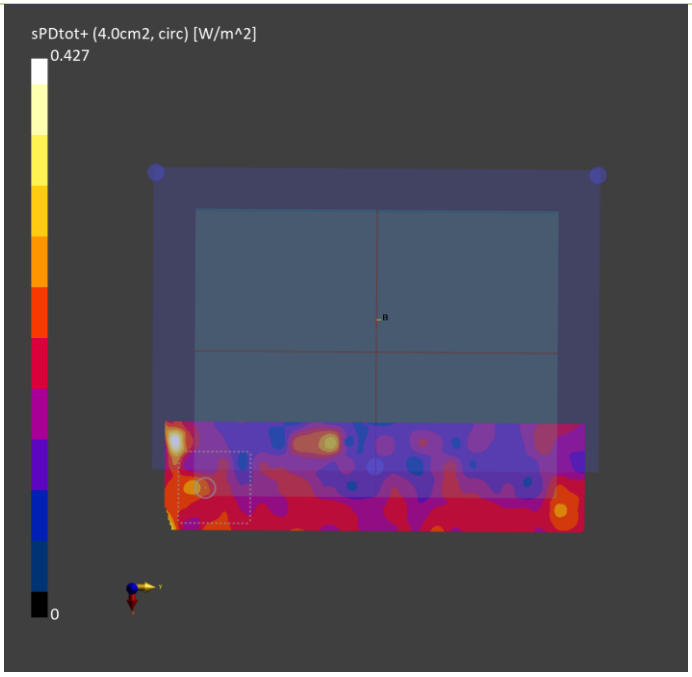
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

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	2022-12-22
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	0.213
psPDtot+ [W/m^2]	0.427
psPDmod+ [W/m^2]	0.904
E_{max} [V/m]	23.4
Power Drift [dB]	0.15



Plots of Measurement

Measurement Report
P15 UNII-7_802.11a_Bottom of Laptop_0mm_Ch133_Power Status SP_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
BDGE-WTW-P22120074	406.0 x 320.0 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-AAC	6615.0, 133	1.0

Hardware Setup

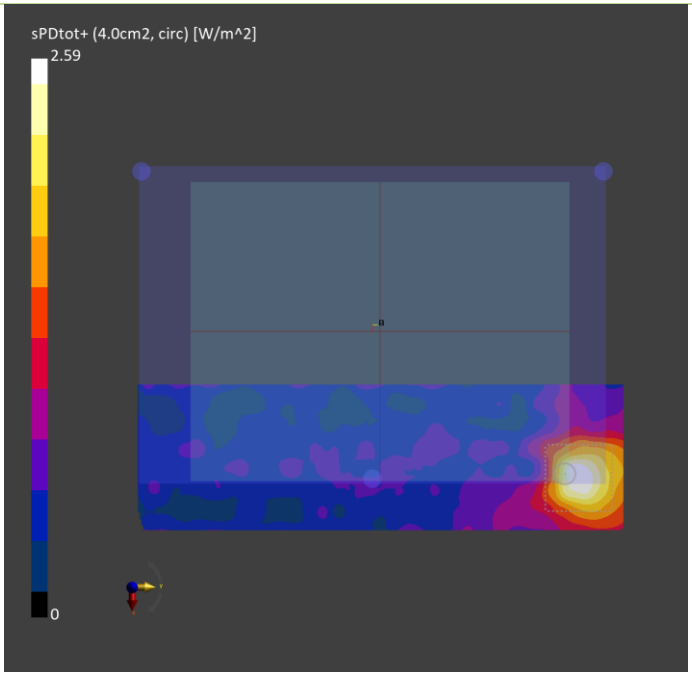
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2022-07-18	DAE4 Sn1341, 2022-07-19

Scan Setup

	5G Scan
Grid Extents [mm]	90.0 x 90.0
Grid Steps [lambda]	0.0555 x 0.0555
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2023-02-24
Avg. Area [cm^2]	4.00
psPDn+ [W/m^2]	1.61
psPDtot+ [W/m^2]	2.59
psPDmod+ [W/m^2]	2.77
E_{max} [V/m]	39.2
Power Drift [dB]	0.12



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)_QCNFA765							
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)_QCNFA765							
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
	187	6885	5.5	5.5	5.5	5.5	8.5
802.11ax HE80	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
	183	6865	8.5	8.5	8.5	8.5	11.5
802.11ax HE160	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
	187	6885	15.5	15.5	15.5	15.5	18.5
802.11ax HE80	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
	183	6865	15.0	15.0	15.0	15.0	18.0
802.11ax HE160	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	18.64
	6	2437	19.26
	11	2462	18.62
	12	2467	16.99
	13	2472	14.46

Conducted Power (Full)_QCNFA765			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	18.78
	6	2437	19.98
	11	2462	18.89
	12	2467	16.64
	13	2472	14.02

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	18.78	18.23	21.52
	6	2437	19.84	19.26	22.39
	11	2462	18.73	18.61	21.68
	12	2467	16.78	16.96	19.88
	13	2472	14.24	14.45	17.36

Conducted Power (Full)_QCNFA765			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR / EDR	0	2402	14.48
	39	2441	14.42
	78	2480	14.02
LE	0	2402	6.07
	19	2440	6.12
	39	2480	6.52

Conducted Power (Full)_QCNFA765			
WLAN 5.3GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	52	5260	15.65
	56	5280	18.46
	60	5300	18.34
	64	5320	15.97

Conducted Power (Full)_QCNFA765			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	15.48
	56	5280	18.27
	60	5300	18.21
	64	5320	15.91

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	15.57	15.39	18.49
	56	5280	18.34	18.49	21.43
	60	5300	18.24	18.19	21.23
	64	5320	15.82	15.47	18.66

Conducted Power (Full)_QCNFA765			
WLAN 5.6GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	100	5500	14.72
	116	5580	18.44
	120	5600	18.41
	124	5620	18.43
	132	5660	18.36
	140	5700	14.34
	144	5720	18.85

Conducted Power (Full)_QCNFA765			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	14.84
	116	5580	18.34
	120	5600	18.26
	124	5620	18.14
	132	5660	18.21
	140	5700	14.46
	144	5720	18.04

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	14.92	14.37	17.66
	116	5580	18.17	18.21	21.2
	120	5600	18.21	18.08	21.16
	124	5620	18.19	17.91	21.06
	132	5660	18.18	17.64	20.93
	140	5700	14.47	14.42	17.46
	144	5720	18.76	17.61	21.23

Conducted Power (Full)_QCNFA765			
WLAN 5.8GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	149	5745	18.34
	153	5765	18.32
	157	5785	18.45
	161	5805	18.41
	165	5825	18.37

Conducted Power (Full)_QCNFA765			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	18.24
	153	5765	18.14
	157	5785	18.49
	161	5805	18.39
	165	5825	18.46

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	18.46	17.49	21.01
	153	5765	18.45	17.46	20.99
	157	5785	18.39	18.23	21.32
	161	5805	18.41	17.75	21.1
	165	5825	18.38	17.83	21.12

Conducted Power (Full)_QCNFA765			
WLAN 5.9GHz Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11n HT40	167	5835	15.12
	175	5875	15.32

Conducted Power (Full)_QCNFA765			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11n HT40	167	5835	15.45
	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	15.32	14.74	18.05
	175	5875	15.49	14.86	18.2

Conducted Power (Full)_QCNFA765			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	15	6025	7.47
	47	6185	7.09
	79	6345	7.43

Conducted Power (Full)_QCNFA765			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	15	6025	7.49
	47	6185	7.09
	79	6345	7.41

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	7.23	7.65	10.46
	47	6185	6.97	7.47	10.24
	79	6345	6.91	7.41	10.18

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	7.34

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	7.12	7.35	10.25

Conducted Power (Full)_QCNFA765			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	143	6665	7.34
	175	6825	7.24

Conducted Power (Full)_QCNFA765			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	143	6665	7.45
	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	7.22	7.29	10.27
	175	6825	7.17	7.13	10.16

Conducted Power (Full)_QCNFA765			
UNII-8 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11ax HE160	207	6985	7.14

Conducted Power (Full)_QCNFA765			
UNII-8 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE160	207	6985	7.07

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	7.09	7.05	10.08

Conducted Power (Full)_QCNFA765_SP			
UNII-5 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	1	5955	18.74
	5	5975	18.25
	9	5995	18.13
	13	6015	17.45
	17	6035	18.38
	21	6055	18.01
	25	6075	18.38
	29	6095	18.19
	33	6115	18.15
	37	6135	17.94
	41	6155	18.23
	45	6175	18.02
	49	6195	18.47
	53	6215	18.76
	57	6235	18.44
	61	6255	17.81
	65	6275	17.54
	69	6295	17.23
	73	6315	17.61
	77	6335	17.42
	81	6355	17.12
	85	6375	17.22
	89	6395	17.32
	93	6415	17.59

Conducted Power (Full)_QCNFA765_SP			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	18.56
	5	5975	18.36
	9	5995	18.28
	13	6015	18.13
	17	6035	18.26
	21	6055	18.29
	25	6075	18.33
	29	6095	18.55
	33	6115	18.64
	37	6135	18.51
	41	6155	18.66
	45	6175	18.49
	49	6195	18.58
	53	6215	18.83
	57	6235	18.71
	61	6255	18.55
	65	6275	18.31
	69	6295	18.19
	73	6315	18.18
	77	6335	18.02
	81	6355	18.14
	85	6375	18.13
	89	6395	18.47
	93	6415	18.79

Conducted Power (Full)_QCNFA765_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	18.01	18.56	21.3
	5	5975	18.26	18.98	21.65
	9	5995	18.03	18.93	21.51
	13	6015	17.76	18.74	21.29
	17	6035	17.98	18.98	21.52
	21	6055	17.94	18.93	21.47
	25	6075	18.05	18.95	21.53
	29	6095	18.31	18.96	21.66
	33	6115	18.08	18.87	21.5
	37	6135	17.91	18.91	21.45
	41	6155	18.59	18.93	21.77
	45	6175	18.43	18.82	21.64
	49	6195	18.68	18.94	21.82
	53	6215	18.73	18.99	21.87
	57	6235	17.64	18.18	20.93
	61	6255	17.93	18.39	21.18
	65	6275	17.83	18.09	20.97
	69	6295	17.26	17.72	20.51
	73	6315	17.61	17.56	20.6
	77	6335	17.29	17.34	20.33
	81	6355	17.25	17.55	20.41
	85	6375	17.17	17.55	20.37
	89	6395	17.02	18.38	20.76
	93	6415	17.22	18.48	20.91

Conducted Power (Full)_QCNFA765_SP			
UNII-7 Ant 0			
Mode	Channel	Frequency	SISO Ant 0 Avg. Power
802.11a	121	6555	18.26
	125	6575	17.92
	129	6595	18.12
	133	6615	18.42
	137	6635	18.46
	141	6655	18.67
	145	6675	18.61
	149	6695	18.72
	153	6715	18.93
	157	6735	18.98
	161	6755	18.99
	165	6775	18.86
	169	6795	18.71
	173	6815	18.97
	177	6835	18.73
	181	6855	18.92
	185	6875	18.75

Conducted Power (Full)_QCNFA765_SP			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	121	6555	18.55
	125	6575	18.61
	129	6595	18.43
	133	6615	18.52
	137	6635	18.84
	141	6655	18.97
	145	6675	18.72
	149	6695	18.35
	153	6715	18.45
	157	6735	18.75
	161	6755	18.98
	165	6775	18.51
	169	6795	18.54
	173	6815	18.58
	177	6835	18.17
	181	6855	18.44
	185	6875	18.61

Conducted Power (Full)_QCNFA765_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	17.61	18.83	21.27
	125	6575	17.82	18.97	21.44
	129	6595	18.09	18.86	21.5
	133	6615	17.98	18.63	21.33
	137	6635	17.96	18.76	21.39
	141	6655	17.97	18.93	21.49
	145	6675	17.94	18.72	21.36
	149	6695	18.19	18.72	21.47
	153	6715	18.49	18.61	21.56
	157	6735	18.74	18.69	21.73
	161	6755	18.97	18.92	21.96
	165	6775	18.95	18.89	21.93
	169	6795	18.96	18.59	21.79
	173	6815	18.92	18.96	21.95
	177	6835	18.76	18.98	21.88
	181	6855	18.69	18.97	21.84
	185	6875	18.31	18.99	21.67

Appendix F. SAR and Incident Power Density Test Result

SAR Results for Body Exposure Condition.

Note:
1. SAR testing for WLAN / BT 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 KDB 388624 APPENDIX OVER6G, the minimum of 5 channels to perform IPD across U-NII 5,6,7 and 8. 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)
	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant0	81.60	1.23	20.50	19.26	1.33	-0.03	0.057	0.09
7	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant1	81.40	1.23	20.50	19.98	1.13	-0.02	0.141	0.20
	WLAN2.4G	802.11b	Bottom of Laptop	0	6	Ant0+1	82.00	1.22	23.50	22.39	1.29	0.05	0.078	0.12
	WLAN2.4G	802.11b	Bottom of Laptop	0	1	Ant1	81.40	1.23	19.50	18.78	1.18	-0.06	0.109	0.16
	WLAN2.4G	802.11b	Bottom of Laptop	0	11	Ant1	81.40	1.23	19.50	18.89	1.15	0.06	0.103	0.15
	WLAN2.4G	802.11b	Bottom of Laptop	0	12	Ant1	81.40	1.23	18.50	16.64	1.53	0.03	0.059	0.11
	WLAN2.4G	802.11b	Bottom of Laptop	0	13	Ant1	81.40	1.23	16.00	14.02	1.58	-0.06	0.029	0.06
8	WLAN5.3G	802.11a	Bottom of Laptop	0	56	Ant0	99.00	1.01	19.00	18.46	1.13	0.16	0.068	0.08
	WLAN5.3G	802.11a	Bottom of Laptop	0	56	Ant1	98.00	1.02	19.00	18.27	1.18	0.13	0.05	0.06
	WLAN5.3G	802.11a	Bottom of Laptop	0	56	Ant0+1	98.50	1.02	22.00	21.43	1.14	0.04	0.06	0.07
	WLAN5.3G	802.11a	Bottom of Laptop	0	52	Ant0	99.00	1.01	16.00	15.65	1.08	0.05	0.037	0.04
	WLAN5.3G	802.11a	Bottom of Laptop	0	60	Ant0	99.00	1.01	19.00	18.34	1.16	0.04	0.056	0.07
	WLAN5.3G	802.11a	Bottom of Laptop	0	64	Ant0	99.00	1.01	16.00	15.97	1.01	-0.03	0.04	0.04
	WLAN5.6G	802.11a	Bottom of Laptop	0	144	Ant0	99.00	1.01	19.00	18.85	1.04	0.19	0.167	0.18
	WLAN5.6G	802.11a	Bottom of Laptop	0	144	Ant1	98.00	1.02	19.00	18.04	1.25	-0.04	0.11	0.14
9	WLAN5.6G	802.11a	Bottom of Laptop	0	144	Ant0+1	98.50	1.02	22.00	21.23	1.19	0.09	0.176	0.21
	WLAN5.6G	802.11a	Bottom of Laptop	0	100	Ant0+1	98.50	1.02	19.00	17.66	1.36	0.15	0.075	0.10
	WLAN5.6G	802.11a	Bottom of Laptop	0	116	Ant0+1	98.50	1.02	21.50	21.20	1.07	0.12	0.1	0.11
	WLAN5.6G	802.11a	Bottom of Laptop	0	120	Ant0+1	98.50	1.02	21.50	21.16	1.08	-0.02	0.114	0.13
	WLAN5.6G	802.11a	Bottom of Laptop	0	124	Ant0+1	98.50	1.02	21.50	21.06	1.11	0.14	0.126	0.14
	WLAN5.6G	802.11a	Bottom of Laptop	0	132	Ant0+1	98.50	1.02	21.50	20.93	1.14	-0.09	0.125	0.15
	WLAN5.6G	802.11a	Bottom of Laptop	0	140	Ant0+1	98.50	1.02	19.00	17.46	1.43	0.01	0.084	0.12

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)
10	WLAN5.8G	802.11a	Bottom of Laptop	0	157	Ant0	99.00	1.01	19.00	18.45	1.14	0.15	0.167	0.19
	WLAN5.8G	802.11a	Bottom of Laptop	0	157	Ant1	98.00	1.02	19.00	18.49	1.12	-0.12	0.064	0.07
	WLAN5.8G	802.11a	Bottom of Laptop	0	157	Ant0+1	98.50	1.02	22.00	21.32	1.17	-0.15	0.156	0.19
	WLAN5.8G	802.11a	Bottom of Laptop	0	149	Ant0	99.00	1.01	19.00	18.34	1.16	-0.02	0.148	0.17
	WLAN5.8G	802.11a	Bottom of Laptop	0	153	Ant0	99.00	1.01	19.00	18.32	1.17	0.14	0.153	0.18
	WLAN5.8G	802.11a	Bottom of Laptop	0	161	Ant0	99.00	1.01	19.00	18.41	1.15	0.14	0.162	0.19
	WLAN5.8G	802.11a	Bottom of Laptop	0	165	Ant0	99.00	1.01	19.00	18.37	1.16	-0.14	0.16	0.19
11	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	175	Ant0	98.70	1.01	17.00	15.32	1.47	-0.02	0.091	0.14
	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	175	Ant1	98.70	1.01	17.00	15.49	1.42	0.13	0.054	0.08
	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	175	Ant0+1	98.90	1.01	20.00	18.20	1.51	0.06	0.079	0.12
	WLAN5.9G	802.11n HT40	Bottom of Laptop	0	167	Ant0	98.70	1.01	17.00	15.12	1.54	-0.1	0.086	0.13
	BT	BDR	Bottom of Laptop	0	0	Ant1	77.07	1.30	16.00	14.48	1.42	0	<0.001	0.00
12	BT	BDR	Bottom of Laptop	0	39	Ant1	77.07	1.30	16.00	14.42	1.44	0	<0.001	0.00
	BT	BDR	Bottom of Laptop	0	78	Ant1	77.07	1.30	16.00	14.02	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/m^2 (4cm^2)	Scaled APD W/m^2 (4cm^2)	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	Ant0	LPI	98.60	1.01	9.00	7.47	1.42	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Ant1	LPI	99.10	1.01	9.00	7.49	1.42	0	<0.001	0.00	<0.001	0.00									
14	UNII-5	802.11ax HE160	Bottom of Laptop	0	15	Ant0+1	LPI	98.60	1.01	12.00	10.46	1.43	0.08	0.016	0.02	0.11	0.16	0.0502	4.12	1.545	4.00	0.15	0.213	0.33	0.427	0.95
	UNII-5	802.11ax HE160	Bottom of Laptop	0	47	Ant0+1	LPI	98.60	1.01	12.00	10.24	1.50	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11ax HE160	Bottom of Laptop	0	79	Ant0+1	LPI	98.60	1.01	12.00	10.18	1.52	0	<0.001	0.00	<0.001	0.00	0.0529	0.00	1.545	4.00	0	<0.001	0.00	<0.001	0.00
	UNII-6	802.11ax HE160	Bottom of Laptop	0	111	Ant0+1	LPI	98.60	1.01	12.00	10.25	1.50	0	<0.001	0.00	<0.001	0.00	0.0542	0.00	1.545	4.00	0	<0.001	0.00	<0.001	0.00
	UNII-7	802.11ax HE160	Bottom of Laptop	0	143	Ant0+1	LPI	98.60	1.01	12.00	10.27	1.49	0	<0.001	0.00	<0.001	0.00	0.0555	0.00	1.545	4.00	0	<0.001	0.00	<0.001	0.00
	UNII-7	802.11ax HE160	Bottom of Laptop	0	175	Ant0+1	LPI	98.60	1.01	12.00	10.16	1.53	0	<0.001	0.00	<0.001	0.00	0.0569	0.00	1.545	4.00	0	<0.001	0.00	<0.001	0.00
	UNII-8	802.11ax HE160	Bottom of Laptop	0	207	Ant0+1	LPI	98.60	1.01	12.00	10.08	1.56	0	<0.001	0.00	<0.001	0.00									
	UNII-5	802.11a	Bottom of Laptop	0	53	Ant0	SP	99.00	1.01	19.00	18.76	1.06	0.13	0.093	0.10	0.768	0.82									
	UNII-5	802.11a	Bottom of Laptop	0	53	Ant1	SP	98.00	1.02	19.00	18.83	1.04	0.12	0.124	0.13	1.05	1.11									
	UNII-5	802.11a	Bottom of Laptop	0	53	Ant0+1	SP	98.50	1.02	22.00	21.87	1.03	-0.15	0.121	0.13	1.04	1.09									
	UNII-5	802.11a	Bottom of Laptop	0	1	Ant1	SP	98.00	1.02	19.00	18.56	1.11	-0.12	0.072	0.08	0.508	0.58									
	UNII-5	802.11a	Bottom of Laptop	0	5	Ant1	SP	98.00	1.02	19.00	18.36	1.16	-0.16	0.069	0.08	0.465	0.55									
	UNII-5	802.11a	Bottom of Laptop	0	9	Ant1	SP	98.00	1.02	19.00	18.28	1.18	0.04	0.076	0.09	0.578	0.7									
	UNII-5	802.11a	Bottom of Laptop	0	13	Ant1	SP	98.00	1.02	19.00	18.13	1.22	0.06	0.08	0.10	0.717	0.89									
	UNII-5	802.11a	Bottom of Laptop	0	17	Ant1	SP	98.00	1.02	19.00	18.26	1.19	0.14	0.11	0.13	0.98	1.19									
	UNII-5	802.11a	Bottom of Laptop	0	21	Ant1	SP	98.00	1.02	19.00	18.29	1.18	0.16	0.095	0.11	0.794	0.96									
	UNII-5	802.11a	Bottom of Laptop	0	25	Ant1	SP	98.00	1.02	19.00	18.33	1.17	-0.11	0.098	0.12	0.77	0.92									
	UNII-5	802.11a	Bottom of Laptop	0	29	Ant1	SP	98.00	1.02	19.00	18.55	1.11	-0.16	0.08	0.09	0.65	0.74									
	UNII-5	802.11a	Bottom of Laptop	0	33	Ant1	SP	98.00	1.02	19.00	18.64	1.09	0.11	0.082	0.09	0.679	0.75									
	UNII-5	802.11a	Bottom of Laptop	0	37	Ant1	SP	98.00	1.02	19.00	18.51	1.12	0.18	0.099	0.11	0.842	0.96									
	UNII-5	802.11a	Bottom of Laptop	0	41	Ant1	SP	98.00	1.02	19.00	18.66	1.08	0.04	0.104	0.11	0.826	0.91									
	UNII-5	802.11a	Bottom of Laptop	0	45	Ant1	SP	98.00	1.02	19.00	18.49	1.12	0.15	0.09	0.10	0.733	0.84									
	UNII-5	802.11a	Bottom of Laptop	0	49	Ant1	SP	98.00	1.02	19.00	18.58	1.10	-0.1	0.101	0.11	0.818	0.92									
	UNII-5	802.11a	Bottom of Laptop	0	57	Ant1	SP	98.00	1.02	19.00	18.71	1.07	-0.16	0.117	0.13	1	1.09									
	UNII-5	802.11a	Bottom of Laptop	0	61	Ant1	SP	98.00	1.02	19.00	18.55	1.11	0.13	0.127	0.14	1.03	1.17									
	UNII-5	802.11a	Bottom of Laptop	0	65	Ant1	SP	98.00	1.02	19.00	18.31	1.17	0.1	0.109	0.13	0.899	1.07									
	UNII-5	802.11a	Bottom of Laptop	0	69	Ant1	SP	98.00	1.02	19.00	18.19	1.21	-0.13	0.111	0.14	0.931	1.15									
	UNII-5	802.11a	Bottom of Laptop	0	73	Ant1	SP	98.00	1.02	19.00	18.18	1.21	0.02	0.118	0.15	1.01	1.25									
	UNII-5	802.11a	Bottom of Laptop	0	77	Ant1	SP	98.00	1.02	19.00	18.02	1.25	-0.02	0.116	0.15	0.972	1.24									
	UNII-5	802.11a	Bottom of Laptop	0	81	Ant1	SP	98.00	1.02	19.00	18.14	1.22	0.03	0.102	0.13	0.85	1.06									
	UNII-5	802.11a	Bottom of Laptop	0	85	Ant1	SP	98.00	1.02	19.00	18.13	1.22	-0.03	0.136	0.17	1.13	1.41									
	UNII-5	802.11a	Bottom of Laptop	0	89	Ant1	SP	98.00	1.02	19.00	18.47	1.13	0.19	0.155	0.18	1.3	1.5									
	UNII-5	802.11a	Bottom of Laptop	0	93	Ant1	SP	98.00	1.02	19.00	18.79	1.05	-0.06	0.171	0.18	1.44	1.54									
	UNII-7	802.11a	Bottom of Laptop	0	121	Ant1	SP	98.00	1.02	19.00	18.55	1.11	0.15	0.219	0.25	1.7	1.92									
	UNII-7	802.11a	Bottom of Laptop	0	125	Ant1	SP	98.00	1.02	19.00	18.61	1.09	0.07	0.231	0.26	1.79	1.99									
	UNII-7	802.11a	Bottom of Laptop	0	129	Ant1	SP	98.00	1.02	19.00	18.43	1.14	-0.04	0.236	0.27	1.85	2.15	0.0555	30.11	1.545	4.00	0.11	1.51	2.38	2.47	4.44
15	UNII-7	802.11a	Bottom of Laptop	0	133	Ant1	SP	98.00	1.02	19.00	18.52	1.12	0.02	0.242	0.28	1.88	2.15	0.0555	31.00	1.545	4.00	0.12	1.61	2.54	2.59	4.57
	UNII-7	802.11a	Bottom of Laptop	0	137	Ant1	SP	98.00	1.02	19.00	18.84	1.04	0.01	0.244	0.26	1.92	2.04									
	UNII-7	802.11a	Bottom of Laptop	0	141	Ant1	SP	98.00	1.02	19.00	18.97	1.01	0.05	0.258	0.27	2.02	2.08	0.0555	27.33	1.545	4.00	-0.11	1.56	2.46	2.53	4.03
	UNII-7	802.11a	Bottom of Laptop	0	145	Ant1	SP	98.00	1.02	19.00	18.72	1.07	0.01	0.244	0.27	1.93	2.11	0.0555	29.32	1.545	4.00	0.15	1.53	2.41	2.56	4.32
	UNII-7	802.11a	Bottom of Laptop	0	149	Ant1	SP	98.00	1.02	19.00	18.35	1.16	-0.16	0.225	0.27	1.77	2.09	0.0555	30.38	1.545	4.00	-0.01	1.48	2.33	2.45	4.48
	UNII-7	802.11a	Bottom of Laptop	0	153	Ant1	SP	98.00	1.02	19.00	18.45	1.14	0.08	0.21	0.24	1.67	1.94									
	UNII-7	802.11a	Bottom of Laptop	0	157	Ant1	SP	98.00	1.02	19.00	18.75	1.06	-0.03	0.214	0.23	1.7	1.84									
	UNII-7	802.11a	Bottom of Laptop	0	161	Ant1	SP	98.00	1.02	19.00	18.98	1.00	-0.03	0.234	0.24	1.83	1.87									
	UNII-7	802.11a	Bottom of Laptop	0	165	Ant1	SP	98.00	1.02	19.00	18.51	1.12	-0.11	0.203	0.23	1.62	1.85									
	UNII-7	802.11a	Bottom of Laptop	0	169	Ant1	SP	98.00	1.02	19.00	18.54	1.11	-0.12	0.2	0.23	1.58	1.79									
	UNII-7	802.11a	Bottom of Laptop	0	173	Ant1	SP	98.00	1.02	19.00	18.58	1.10	-0.16	0.199	0.22	1.62	1.82									
	UNII-7	802.11a	Bottom of Laptop	0	177	Ant1	SP	98.00	1.02	19.00	18.17	1.21	0.15	0.173	0.21	1.41	1.74									
	UNII-7	802.11a	Bottom of Laptop	0	181	Ant1	SP	98.00	1.02	19.00	18.44	1.14	0.08	0.18	0.21	1.51	1.76									
	UNII-7	802.11a	Bottom of Laptop	0	185	Ant1	SP	98.00	1.02	19.00	18.61	1.09	0.19	0.205	0.23	1.78	1.98									