

Plots of System Verification

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report
S01 System Check_H2450_251219
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

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,	,		CW, 0--	2450.000, 0	6.87	1.80	38.9

Hardware Setup

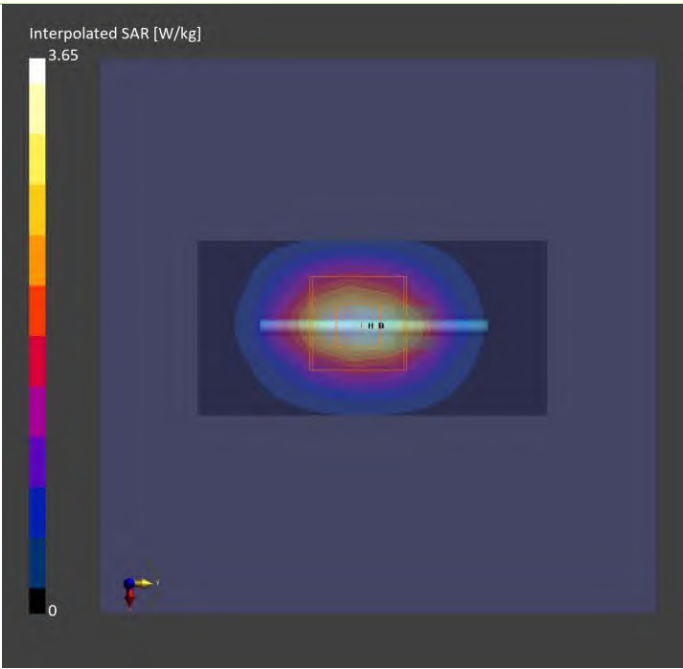
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H19T27N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-19	2025-12-19
psSAR1g [W/kg]	2.69	2.76
psSAR10g [W/kg]	1.22	1.26
Power Drift [dB]	0.03	0.16



Plots of System Verification

Measurement Report
S02 System Check_H5250_251219
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

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,	,		CW, 0--	5250.000, 0	5.27	4.51	35.6

Hardware Setup

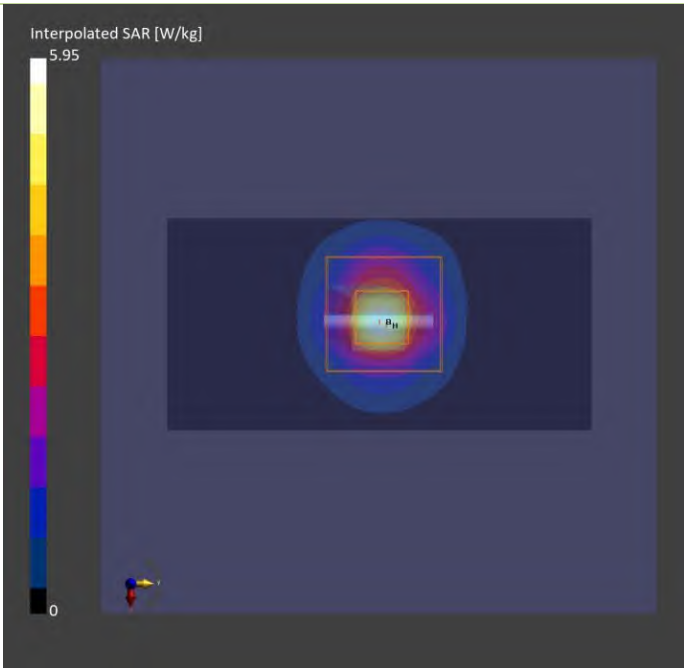
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

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	2025-12-19	2025-12-19
psSAR1g [W/kg]	3.89	3.91
psSAR10g [W/kg]	1.11	1.12
Power Drift [dB]	0.05	0.10



Plots of System Verification

Measurement Report
S03 System Check_H5600_251219
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

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,	,		CW, 0--	5600.000, 0	4.83	4.89	35.0

Hardware Setup

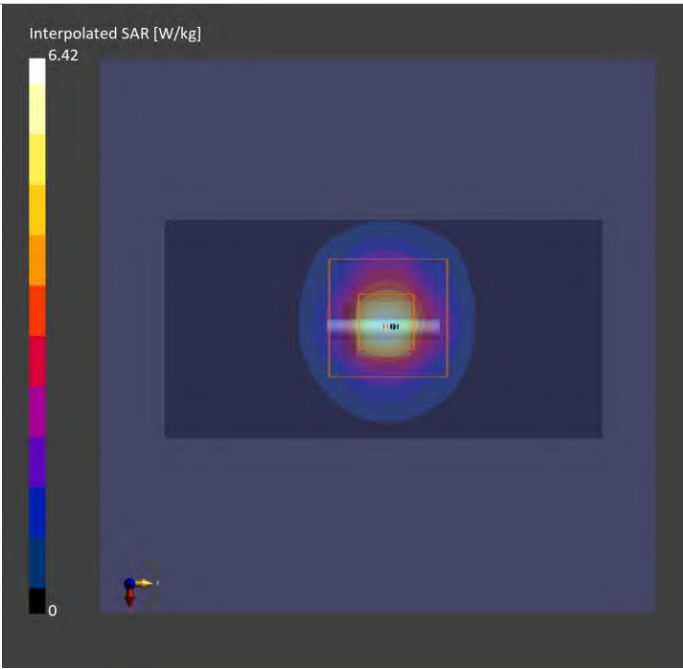
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

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	2025-12-19	2025-12-19
psSAR1g [W/kg]	3.92	3.94
psSAR10g [W/kg]	1.14	1.15
Power Drift [dB]	0.05	-0.10



Plots of System Verification

Measurement Report
S04 System Check_H5800_251219
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

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,	,		CW, 0--	5800.000, 0	4.78	5.12	34.7

Hardware Setup

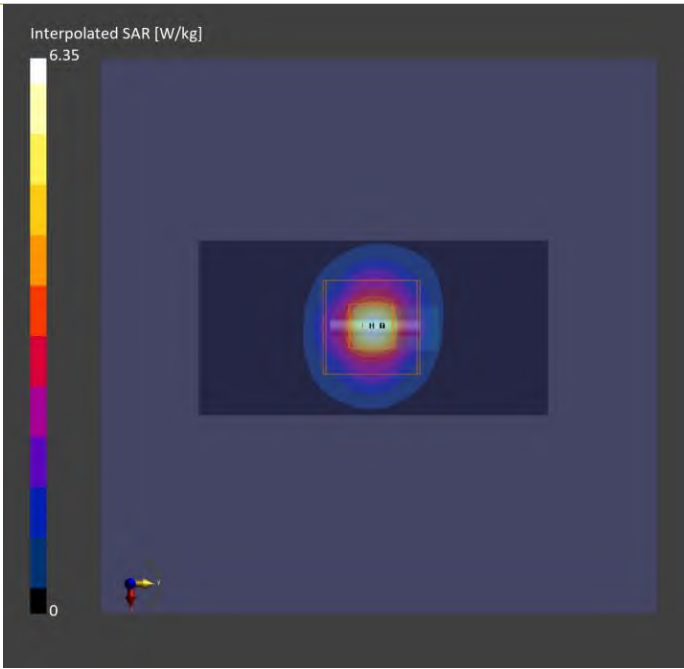
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

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	2025-12-19	2025-12-19
psSAR1g [W/kg]	3.91	3.92
psSAR10g [W/kg]	1.11	1.13
Power Drift [dB]	-0.15	-0.09



Plots of System Verification

Measurement Report
S05 System Check_H5800_251219
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D5GHzV2,	10.0 x 10.0 x 300.0		

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,	,		CW, 0--	5800.000, 0	4.78	5.12	34.7

Hardware Setup

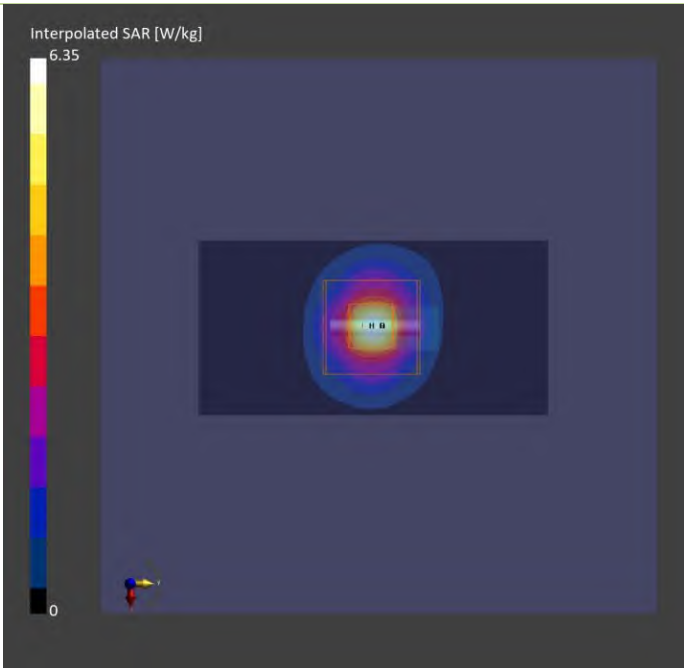
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

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	2025-12-19	2025-12-19
psSAR1g [W/kg]	3.91	3.92
psSAR10g [W/kg]	1.11	1.13
Power Drift [dB]	-0.15	-0.09



Plots of System Verification

Measurement Report
S06 System Check_H2450_251219
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D2450V2,	10.0 x 10.0 x 290.0		

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,	,		CW, 0--	2450.000, 0	6.87	1.80	38.9

Hardware Setup

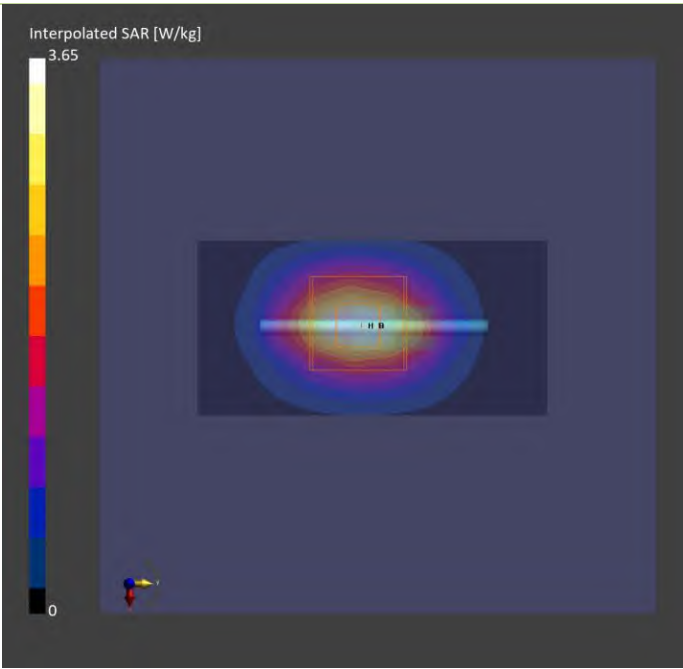
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H19T27N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 96.0	35.0 x 35.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-19	2025-12-19
psSAR1g [W/kg]	2.69	2.76
psSAR10g [W/kg]	1.22	1.26
Power Drift [dB]	0.03	0.16



Plots of System Verification

Measurement Report S07 System Check_H6500_251219 Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
D6.5GHzV2,	10.0 x 10.0 x 296.0		

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,	,		CW, 0--	6500.000, 0	5.24	5.83	34.9

Hardware Setup

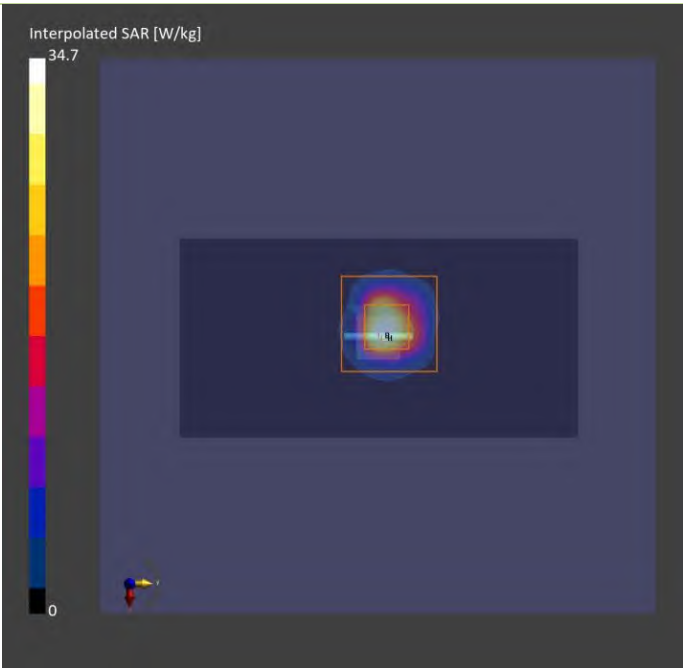
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H60T72N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

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	2025-12-19	2025-12-19
psSAR1g [W/kg]	27.7	29.1
psSAR10g [W/kg]	4.93	5.18
psAPD (1.0cm2, sq) [W/m2]		293
psAPD (4.0cm2, sq) [W/m2]		127
Power Drift [dB]	0.17	-0.06



Plots of System Verification

Measurement Report

S07 PD_System Check_10GHz_251220

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
SPEAG, 5G Verification Source	100.0 x 100.0 x 100.0	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

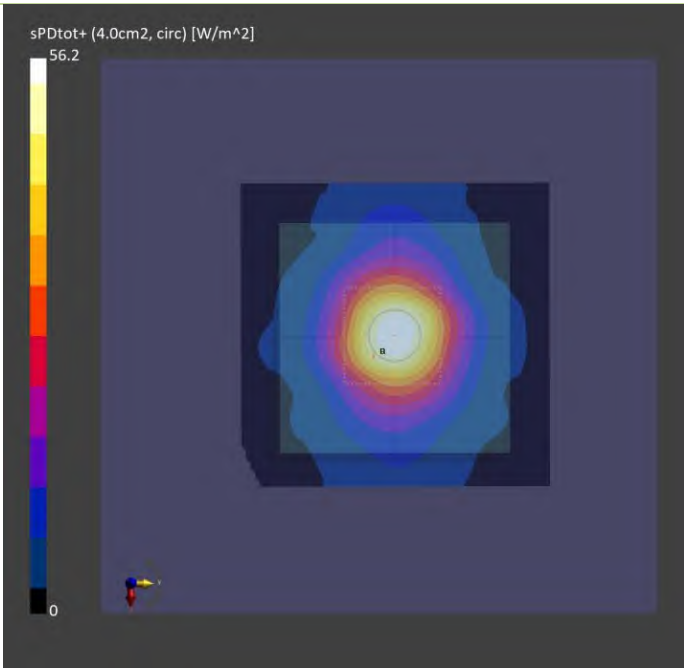
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9615_F1-55GHz, 2025-05-14	DAE4 Sn1431, 2025-07-11

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	2025-12-20
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	55.9
psPDtot+ [W/m ²]	56.2
psPDmod+ [W/m ²]	56.5
E _{max} [V/m]	151
Power Drift [dB]	-0.04



Plots of Measurement

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

Measurement Report
P01 WLAN2.4G_802.11b_Bottom of Laptop_0mm_Ch12_Ant 2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	WLAN 2.4GHz	WLAN, 10012-CAB	2467.000, 12	6.87	1.81	38.9

Hardware Setup

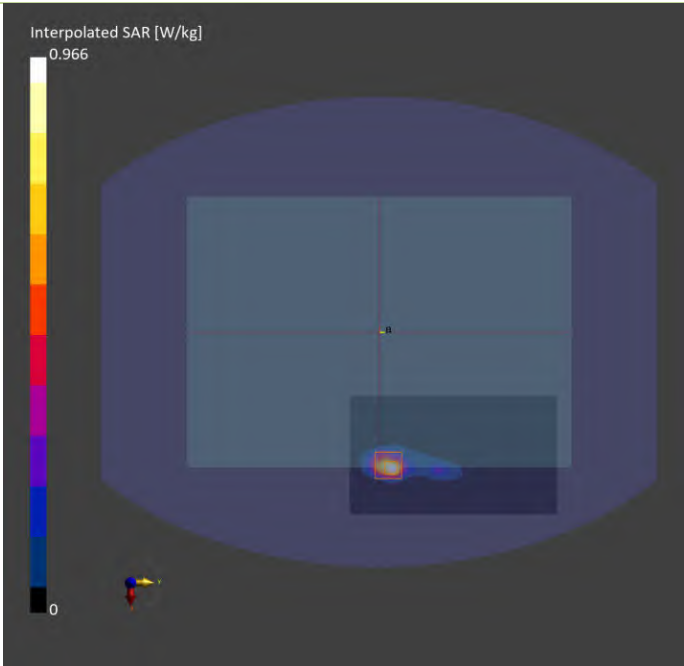
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H19T27N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 168.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-19	2025-12-19
psSAR1g [W/kg]	0.691	0.929
psSAR10g [W/kg]	0.282	0.317
Power Drift [dB]	0.00	0.01
M2/M1 [%]		39.1
Dist 3dB Peak [mm]		5.0



Plots of Measurement

Measurement Report
P02 WLAN5.3G_802.11ac VHT160_Bottom of Laptop_0mm_Ch50_Ant 2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5250.000, 50	5.27	4.51	35.6

Hardware Setup

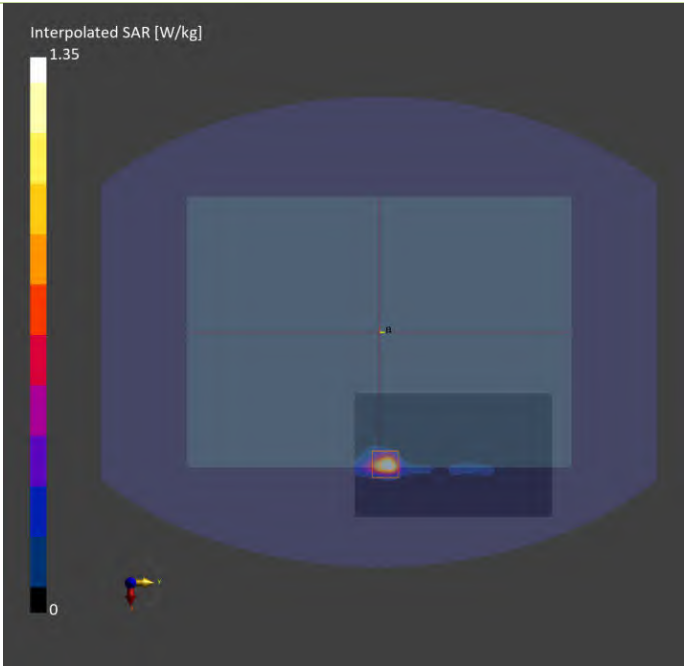
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 160.0	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	2025-12-19	2025-12-19
psSAR1g [W/kg]	0.922	1.30
psSAR10g [W/kg]	0.276	0.301
Power Drift [dB]	0.02	-0.08
M2/M1 [%]		62.2
Dist 3dB Peak [mm]		4.4



Plots of Measurement

Measurement Report
P03 WLAN5.6G_802.11ac VHT160_Bottom of Laptop_0mm_Ch114_Ant 2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5570.000, 114	4.83	4.86	35.1

Hardware Setup

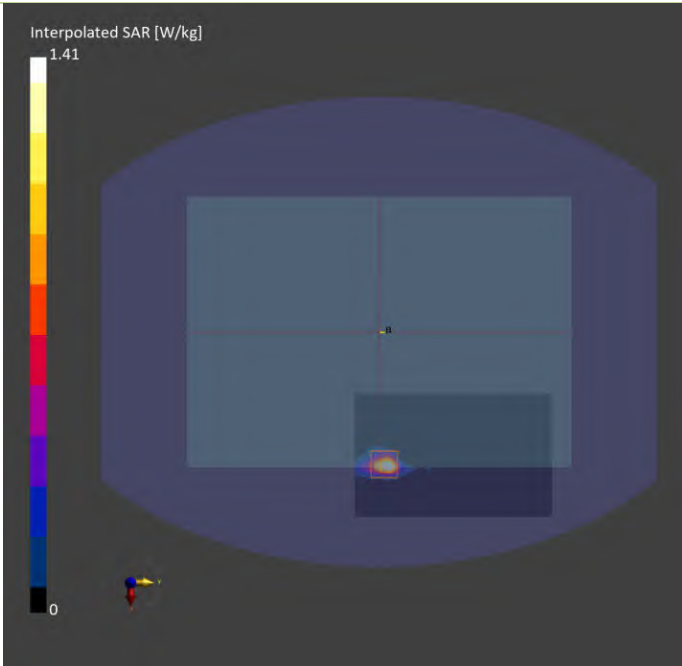
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 160.0	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	2025-12-19	2025-12-19
psSAR1g [W/kg]	0.954	1.29
psSAR10g [W/kg]	0.274	0.287
Power Drift [dB]	0.02	-0.08
M2/M1 [%]		58.2
Dist 3dB Peak [mm]		4.0



Plots of Measurement

Measurement Report
P04 WLAN5.8G_802.11ac VHT80_Bottom of Laptop_0mm_Ch155_Ant 2
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	WLAN 5GHz	WLAN, 10544-AAD	5775.000, 155	4.78	5.09	34.7

Hardware Setup

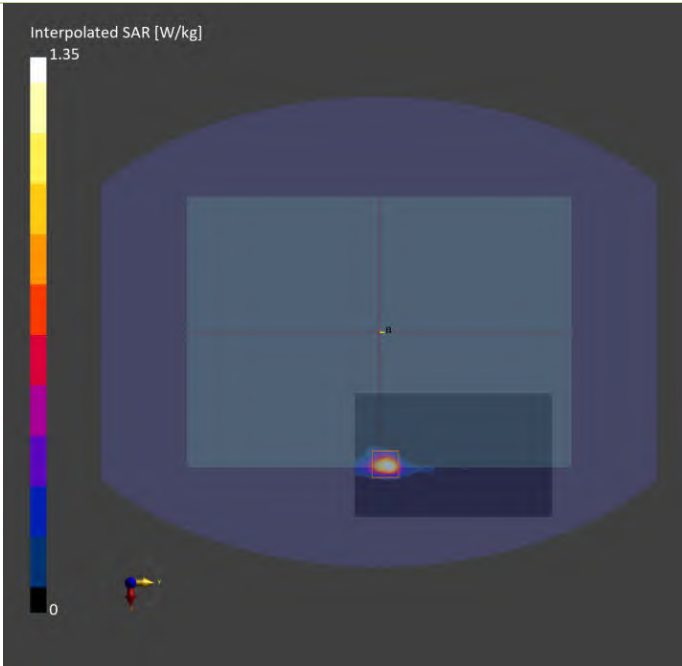
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 160.0	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	2025-12-19	2025-12-19
psSAR1g [W/kg]	0.926	1.30
psSAR10g [W/kg]	0.265	0.279
Power Drift [dB]	0.05	0.01
M2/M1 [%]		57.4
Dist 3dB Peak [mm]		4.1



Plots of Measurement

Measurement Report
P05 WLAN5.9G_802.11ac VHT160_Bottom of Laptop_0mm_Ch163_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	WLAN 5GHz	WLAN, 10554-AAE	5815.000, 163	4.78	5.14	34.7

Hardware Setup

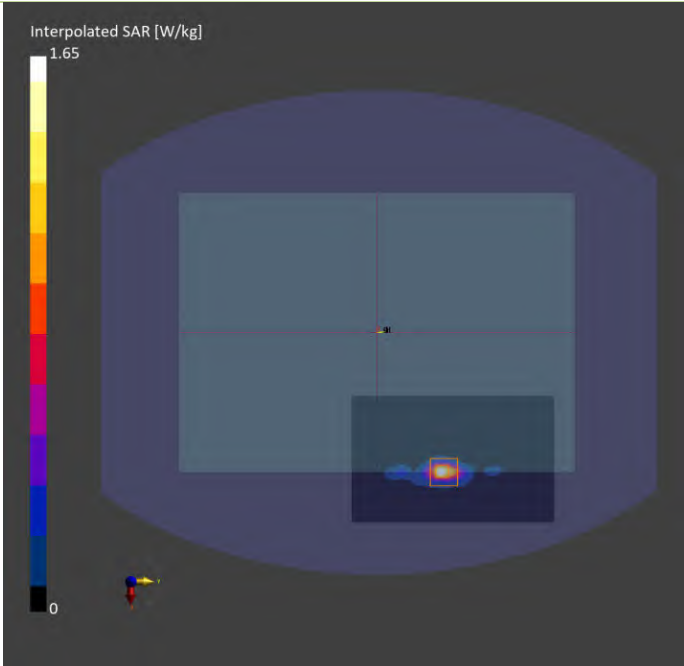
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H50T60N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 160.0	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	2025-12-19	2025-12-19
psSAR1g [W/kg]	1.02	1.18
psSAR10g [W/kg]	0.274	0.281
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		56.8
Dist 3dB Peak [mm]		5.6



Plots of Measurement

Measurement Report

P06 BT_BR_Bottom of Laptop_0mm_Ch78_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.000, 78	6.87	1.82	38.8

Hardware Setup

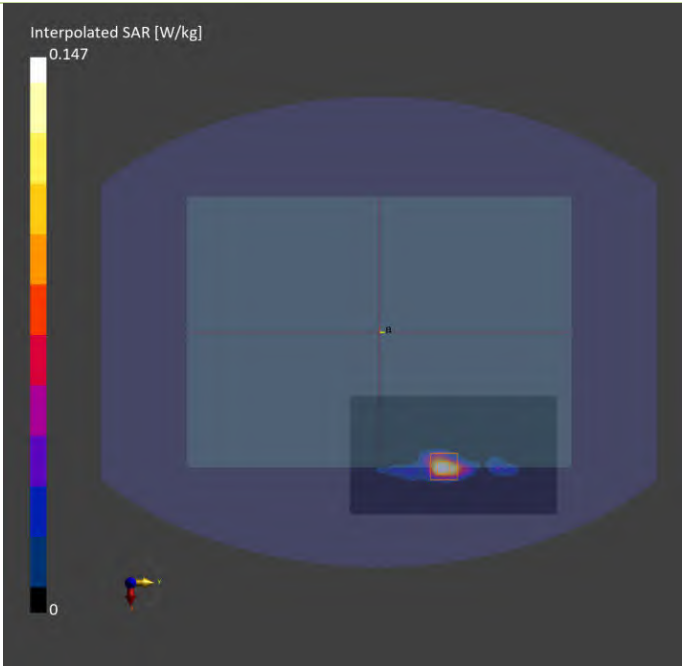
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H19T27N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	84.0 x 168.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2025-12-19	2025-12-19
psSAR1g [W/kg]	0.111	0.139
psSAR10g [W/kg]	0.045	0.042
Power Drift [dB]	0.08	-0.04
M2/M1 [%]		30.9
Dist 3dB Peak [mm]		5.0



Plots of Measurement

Measurement Report

P07 UNII-8_802.11ax HE160_Bottom of Laptop_0mm_Ch207_Ant 1

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
P25120018,	312.0 x 220.0 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 of Laptop, 0.00	U-NII-8	WLAN, 10755-AAC	6985.000, 207	5.24	6.35	34.2

Hardware Setup

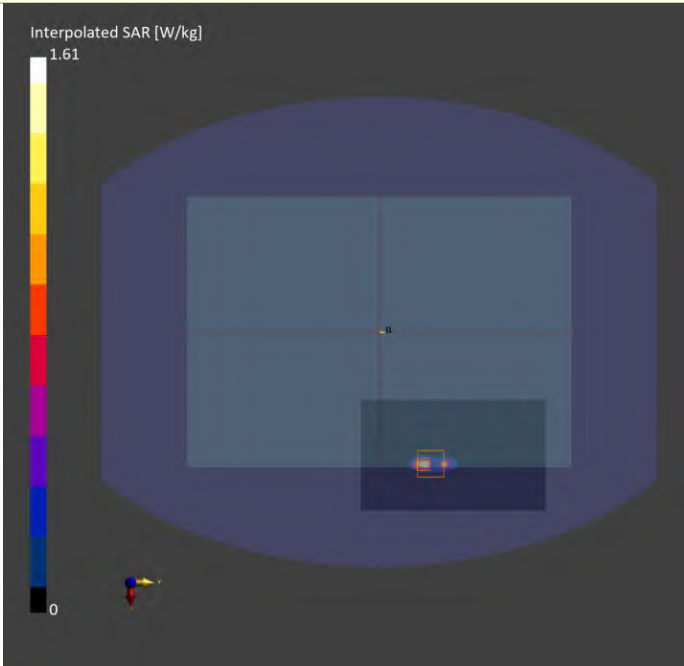
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2188	H60T72N9 , 2025-12-19	EX3DV4 - SN7736, 2025-02-17	DAE4 Sn1589, 2025-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 150.0	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	2025-12-19	2025-12-19
psSAR1g [W/kg]	0.858	0.983
psSAR10g [W/kg]	0.151	0.173
psAPD (1.0cm2, sq) [W/m2]		9.83
psAPD (4.0cm2, sq) [W/m2]		4.05
Power Drift [dB]	-0.04	-0.07
M2/M1 [%]		46.6
Dist 3dB Peak [mm]		3.4



Plots of Measurement

Measurement Report
P07 UNII-8_802.11ax HE160_Bottom of Laptop_0mm_Ch207_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
, P25120018	312.0 x 220.0 x 20.0		Laptop

Exposure Conditions

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

Hardware Setup

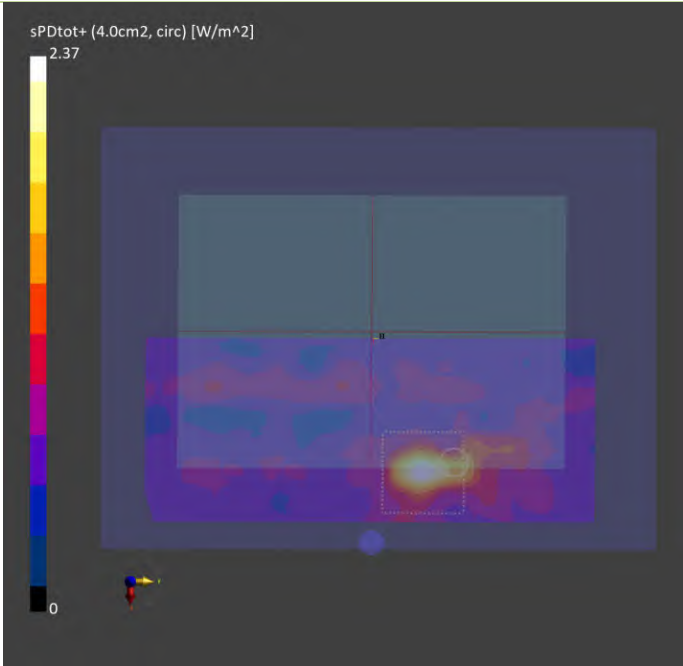
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9615_F1-55GHz, 2025-05-14	DAE4 Sn1431, 2025-07-11

Scan Setup

	5G Scan
Grid Extents [mm]	86.0 x 86.0
Grid Steps [lambda]	0.0582 x 0.0582
Sensor Surface [mm]	2.0

Measurement Results

	5G Scan
Date	2025-12-20
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.09
psPDtot+ [W/m²]	2.37
psPDmod+ [W/m²]	4.64
E _{max} [V/m]	84.6
Power Drift [dB]	0.08



Appendix C. Tissue & System Verification

The measuring results for tissue simulating liquid and system check are shown as below.

Note:

1. For Section 4.3, the dielectric properties of the tissue simulating liquid have been measured within 24 hours before the SAR testing and within $\pm 5\%$ of the target values. Liquid temperature during the SAR testing has kept within $\pm 2^\circ\text{C}$.
2. For Section 4.4, The SAR measurement system was validated according to procedures in FCC KDB 865664 D0. The validation status in tabulated summary is as below.
3. For Section 4.5, Comparing to the reference SAR value provided by SPEAG in dipole calibration certificate, the deviation of system check results is within its specification of 10 %. The result indicates the system check can meet the variation criterion and the plots please refer to Appendix A of this report.



Tissue Verification																										
Validation for CW											Validation for Modulation				System Check								Note			
Plot No.	Frequency (MHz)	Liquid Temp. (°C)	Conductivity (σ)	Permittivity (ε _r)	Targeted Conductivity (σ)	Targeted Permittivity (ε _r)	Deviation Conductivity (σ)	Deviation Permittivity (ε _r)	Sensitivity Range			Probe Linearity	Probe Isotropy	Modulation Type	Duty Factor	PAR	Date	Frequency (MHz)	Targeted 1g SAR (W/kg)	Measured 1g SAR (W/kg)	Normalized 1g SAR (W/kg)	Deviation (%)	Dipole S/N	Probe S/N	DAE S/N	Output Power (dBm)
									Sensitivity Range	Probe Linearity	Probe Isotropy															
S01	2450	22.4	1.80	38.9	1.8	39.2	0.00	-0.77	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	2450	52.90	2.76	55.07	4.10	737	7736	1589	17	
S02	5250	22.4	4.51	35.6	4.71	35.9	-4.25	-0.84	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	5250	78.30	3.91	78.01	-0.36	1019	7736	1589	17	
S03	5600	22.4	4.89	35.0	5.07	35.5	-3.55	-1.41	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	5600	80.80	3.94	78.61	-2.71	1019	7736	1589	17	
S04	5800	22.4	5.12	34.7	5.27	35.3	-2.85	-1.70	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	5800	78.80	3.92	78.21	-0.74	1019	7736	1589	17	
S05	5800	22.4	5.12	34.7	5.27	35.3	-2.85	-1.70	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	5800	78.80	3.92	78.21	-0.74	1019	7736	1589	17	
S06	2450	22.4	1.80	38.9	1.8	39.2	0.00	-0.77	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	2450	52.90	2.76	55.07	4.10	737	7736	1589	17	
S07	6500	22.4	5.83	34.9	6.07	34.5	-3.95	1.16	Pass	Pass	Pass	Pass	OFDM	N/A	Pass	2025/12/19	6500	296.00	29.1	291.00	-1.69	1008	7736	1589	20	



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System Performance Check for Incident Power Density Measurement									
Plot No.	Test Date	Frequency [GHz]	mmWave Probe S/N	Verification Source S/N	Averaging Area [cm ²]	Distance [mm]	Target Power Density [W/m ²]	Measured Power Density [W/m ²]	Deviation [%]
S07	2025/12/20	10	9615	1025	4	10.0	55.9	56.2	0.54%

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)							
WLAN 2.4GHz							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11b	1	2412	17.00	17.00			
	6	2437	17.00	17.00			
	11	2462	17.00	17.00			
	12	2467	17.00	17.00			
	13	2472	17.00	16.50			
802.11g	1	2412	17.00	17.00			
	6	2437	17.00	17.00			
	11	2462	17.00	17.00			
	12	2467	15.50	15.25			
	13	2472	12.50	12.50			
802.11n HT20	1	2412	17.00	17.00	14.00	14.00	17.00
	6	2437	17.00	17.00	14.00	14.00	17.00
	11	2462	17.00	17.00	14.00	14.00	17.00
	12	2467	15.50	15.25	12.00	12.00	15.00
	13	2472	12.50	12.50	7.00	7.00	10.00
802.11n HT40	3	2422	16.50	15.50	13.00	13.00	16.00
	6	2437	17.00	17.00	14.00	14.00	17.00
	9	2452	17.00	15.75	13.50	13.50	16.50
	10	2457	12.75	12.50	8.25	8.25	11.25
	11	2462	11.50	10.25	6.50	6.50	9.50
802.11ax HE20	1	2412	17.00	17.00	14.00	14.00	17.00
	6	2437	17.00	17.00	14.00	14.00	17.00
	11	2462	17.00	17.00	14.00	14.00	17.00
	12	2467	15.50	15.25	12.00	12.00	15.00
	13	2472	12.50	12.50	7.00	7.00	10.00
802.11ax HE40	3	2422	16.50	15.50	13.00	13.00	16.00
	6	2437	17.00	17.00	14.00	14.00	17.00
	9	2452	17.00	15.75	13.50	13.50	16.50
	10	2457	12.75	12.50	8.25	8.25	11.25
	11	2462	11.50	10.25	6.50	6.50	9.50

Tune-up Power (Full)							
Bluetooth							
Mode	Channel	Frequency	Ant 1 Max Tune-up	Ant 2 Max Tune-up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
BR	0	2402	10.50				
	39	2441	10.50				
	78	2480	10.50				
EDR	0	2402	6.50				
	39	2441	6.50				
	78	2480	6.50				
LE-1M	0	2402	9.50				
	19	2440	9.50				
	39	2480	9.50				

Tune-up Power (Full)							
WLAN 5.2GHz							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11a	36	5180	14.00	12.50			
	40	5200	14.00	12.50			
	44	5220	14.00	12.50			
	48	5240	14.00	12.50			
802.11n HT20	36	5180	14.00	12.50	11.00	9.50	13.50
	40	5200	14.00	12.50	11.00	9.50	13.50
	44	5220	14.00	12.50	11.00	9.50	13.50
	48	5240	14.00	12.50	11.00	9.50	13.50
802.11n HT40	38	5190	14.00	12.50	11.00	9.50	13.50
	46	5230	14.00	12.50	11.00	9.50	13.50
802.11ac VHT20	36	5180	14.00	12.50	11.00	9.50	13.50
	40	5200	14.00	12.50	11.00	9.50	13.50
	44	5220	14.00	12.50	11.00	9.50	13.50
	48	5240	14.00	12.50	11.00	9.50	13.50
802.11ac VHT40	38	5190	14.00	12.50	11.00	9.50	13.50
	46	5230	14.00	12.50	11.00	9.50	13.50
802.11ac VHT80	42	5210	14.00	12.50	11.00	9.50	13.50
802.11ax HE20	36	5180	14.00	12.50	11.00	9.50	13.50
	40	5200	14.00	12.50	11.00	9.50	13.50
	44	5220	14.00	12.50	11.00	9.50	13.50
	48	5240	14.00	12.50	11.00	9.50	13.50
802.11ax HE40	38	5190	14.00	12.50	11.00	9.50	13.50
	46	5230	14.00	12.50	11.00	9.50	13.50
802.11ax HE80	42	5210	14.00	12.50	11.00	9.50	13.50

Tune-up Power (Full)							
WLAN 5.3GHz							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11a	52	5260	14.00	12.50			
	56	5280	14.00	12.50			
	60	5300	14.00	12.50			
	64	5320	14.00	12.50			
802.11n HT20	52	5260	14.00	12.50	11.00	9.50	13.50
	56	5280	14.00	12.50	11.00	9.50	13.50
	60	5300	14.00	12.50	11.00	9.50	13.50
	64	5320	14.00	12.50	11.00	9.50	13.50
802.11n HT40	54	5270	14.00	12.50	11.00	9.50	13.50
	62	5310	14.00	12.50	11.00	9.50	13.50
802.11ac VHT20	52	5260	14.00	12.50	11.00	9.50	13.50
	56	5280	14.00	12.50	11.00	9.50	13.50
	60	5300	14.00	12.50	11.00	9.50	13.50
	64	5320	14.00	12.50	11.00	9.50	13.50
802.11ac VHT40	54	5270	14.00	12.50	11.00	9.50	13.50
	62	5310	14.00	12.50	11.00	9.50	13.50
802.11ac VHT80	58	5290	14.00	12.50	11.00	9.50	13.50
802.11ac VHT160	50	5250	14.00	12.50	11.00	9.50	13.50
802.11ax HE20	52	5260	14.00	12.50	11.00	9.50	13.50
	56	5280	14.00	12.50	11.00	9.50	13.50
	60	5300	14.00	12.50	11.00	9.50	13.50
	64	5320	14.00	12.50	11.00	9.50	13.50
802.11ax HE40	54	5270	14.00	12.50	11.00	9.50	13.50
	62	5310	14.00	12.50	11.00	9.50	13.50
802.11ax HE80	58	5290	14.00	12.50	11.00	9.50	13.50
802.11ax HE160	50	5250	14.00	12.50	11.00	9.50	13.50

Tune-up Power (Full)							
WLAN 5.6GHz							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11a	100	5500	14.00	11.00			
	116	5580	14.00	11.00			
	120	5600	14.00	11.00			
	124	5620	14.00	11.00			
	132	5660	14.00	11.00			
	140	5700	14.00	11.00			
	144	5720	14.00	11.00			
802.11n HT20	100	5500	14.00	11.00	11.00	8.00	13.00
	116	5580	14.00	11.00	11.00	8.00	13.00
	120	5600	14.00	11.00	11.00	8.00	13.00
	124	5620	14.00	11.00	11.00	8.00	13.00
	132	5660	14.00	11.00	11.00	8.00	13.00
	140	5700	14.00	11.00	11.00	8.00	13.00
	144	5720	14.00	11.00	11.00	8.00	13.00
802.11n HT40	102	5510	14.00	11.00	11.00	8.00	13.00
	110	5550	14.00	11.00	11.00	8.00	13.00
	118	5590	14.00	11.00	11.00	8.00	13.00
	126	5630	14.00	11.00	11.00	8.00	13.00
	134	5670	14.00	11.00	11.00	8.00	13.00
	142	5710	14.00	11.00	11.00	8.00	13.00
	144	5720	14.00	11.00	11.00	8.00	13.00
802.11ac VHT20	100	5500	14.00	11.00	11.00	8.00	13.00
	116	5580	14.00	11.00	11.00	8.00	13.00
	120	5600	14.00	11.00	11.00	8.00	13.00
	124	5620	14.00	11.00	11.00	8.00	13.00
	132	5660	14.00	11.00	11.00	8.00	13.00
	140	5700	14.00	11.00	11.00	8.00	13.00
	144	5720	14.00	11.00	11.00	8.00	13.00
802.11ac VHT40	102	5510	14.00	11.00	11.00	8.00	13.00
	110	5550	14.00	11.00	11.00	8.00	13.00
	118	5590	14.00	11.00	11.00	8.00	13.00
	126	5630	14.00	11.00	11.00	8.00	13.00
	134	5670	14.00	11.00	11.00	8.00	13.00
	142	5710	14.00	11.00	11.00	8.00	13.00
	144	5720	14.00	11.00	11.00	8.00	13.00
802.11ac VHT80	106	5530	14.00	11.00	11.00	8.00	13.00
	122	5610	14.00	11.00	11.00	8.00	13.00
	138	5690	14.00	11.00	11.00	8.00	13.00
802.11ac VHT160	114	5570	14.00	11.00	11.00	8.00	13.00
802.11ax HE20	100	5500	14.00	11.00	11.00	8.00	13.00
	116	5580	14.00	11.00	11.00	8.00	13.00
	120	5600	14.00	11.00	11.00	8.00	13.00
	124	5620	14.00	11.00	11.00	8.00	13.00
	132	5660	14.00	11.00	11.00	8.00	13.00
	140	5700	14.00	11.00	11.00	8.00	13.00
	144	5720	14.00	11.00	11.00	8.00	13.00
802.11ax HE40	102	5510	14.00	11.00	11.00	8.00	13.00
	110	5550	14.00	11.00	11.00	8.00	13.00
	118	5590	14.00	11.00	11.00	8.00	13.00
	126	5630	14.00	11.00	11.00	8.00	13.00
	134	5670	14.00	11.00	11.00	8.00	13.00
	142	5710	14.00	11.00	11.00	8.00	13.00
	144	5720	14.00	11.00	11.00	8.00	13.00
802.11ax HE80	106	5530	14.00	11.00	11.00	8.00	13.00
	122	5610	14.00	11.00	11.00	8.00	13.00
	138	5690	14.00	11.00	11.00	8.00	13.00
802.11ax HE160	114	5570	14.00	11.00	11.00	8.00	13.00

Tune-up Power (Full)							
WLAN 5.8GHz							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11a	149	5745	13.00	11.00			
	153	5765	13.00	11.00			
	157	5785	13.00	11.00			
	161	5805	13.00	11.00			
	165	5825	13.00	11.00			
802.11n HT20	149	5745	13.00	11.00	10.00	8.00	12.00
	153	5765	13.00	11.00	10.00	8.00	12.00
	157	5785	13.00	11.00	10.00	8.00	12.00
	161	5805	13.00	11.00	10.00	8.00	12.00
	165	5825	13.00	11.00	10.00	8.00	12.00
802.11n HT40	151	5755	13.00	11.00	10.00	8.00	12.00
	159	5795	13.00	11.00	10.00	8.00	12.00
802.11ac VHT20	149	5745	13.00	11.00	10.00	8.00	12.00
	153	5765	13.00	11.00	10.00	8.00	12.00
	157	5785	13.00	11.00	10.00	8.00	12.00
	161	5805	13.00	11.00	10.00	8.00	12.00
	165	5825	13.00	11.00	10.00	8.00	12.00
802.11ac VHT40	151	5755	13.00	11.00	10.00	8.00	12.00
	159	5795	13.00	11.00	10.00	8.00	12.00
802.11ac VHT80	155	5775	13.00	11.00	10.00	8.00	12.00
802.11ax HE20	149	5745	13.00	11.00	10.00	8.00	12.00
	153	5765	13.00	11.00	10.00	8.00	12.00
	157	5785	13.00	11.00	10.00	8.00	12.00
	161	5805	13.00	11.00	10.00	8.00	12.00
	165	5825	13.00	11.00	10.00	8.00	12.00
802.11ax HE40	151	5755	13.00	11.00	10.00	8.00	12.00
	159	5795	13.00	11.00	10.00	8.00	12.00
802.11ax HE80	155	5775	13.00	11.00	10.00	8.00	12.00

Tune-up Power (Full)							
WLAN 5.9GHz							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11a	169	5845	13.00	11.00			
	173	5865	13.00	11.00			
	177	5885	13.00	11.00			
802.11n HT20	169	5845	13.00	11.00	10.00	8.00	12.00
	173	5865	13.00	11.00	10.00	8.00	12.00
	177	5885	13.00	11.00	10.00	8.00	12.00
802.11n HT40	167	5835	13.00	11.00	10.00	8.00	12.00
	175	5875	13.00	11.00	10.00	8.00	12.00
802.11ac VHT20	169	5845	13.00	11.00	10.00	8.00	12.00
	173	5865	13.00	11.00	10.00	8.00	12.00
	177	5885	13.00	11.00	10.00	8.00	12.00
802.11ac VHT40	167	5835	13.00	11.00	10.00	8.00	12.00
	175	5875	13.00	11.00	10.00	8.00	12.00
802.11ac VHT80	171	5855	13.00	11.00	10.00	8.00	12.00
802.11ac VHT160	163	5815	13.00	11.00	10.00	8.00	12.00
802.11ax HE20	169	5845	13.00	11.00	10.00	8.00	12.00
	173	5865	13.00	11.00	10.00	8.00	12.00
	177	5885	13.00	11.00	10.00	8.00	12.00
802.11ax HE40	167	5835	13.00	11.00	10.00	8.00	12.00
	175	5875	13.00	11.00	10.00	8.00	12.00
802.11ax HE80	171	5855	13.00	11.00	10.00	8.00	12.00
802.11ax HE160	163	5815	13.00	11.00	10.00	8.00	12.00

Tune-up Power (Full)							
UNII-5_LPI							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11ax HE20	1	5955	5.50	5.50	2.50	2.50	5.50
	5	5975	5.50	5.50	2.50	2.50	5.50
	9	5995	5.50	5.50	2.50	2.50	5.50
	13	6015	5.50	5.50	2.50	2.50	5.50
	17	6035	5.50	5.50	2.50	2.50	5.50
	21	6055	5.50	5.50	2.50	2.50	5.50
	25	6075	5.50	5.50	2.50	2.50	5.50
	29	6095	5.50	5.50	2.50	2.50	5.50
	33	6115	5.50	5.50	2.50	2.50	5.50
	37	6135	5.50	5.50	2.50	2.50	5.50
	41	6155	5.50	5.50	2.50	2.50	5.50
	45	6175	5.50	5.50	2.50	2.50	5.50
	49	6195	5.50	5.50	2.50	2.50	5.50
	53	6215	5.50	5.50	2.50	2.50	5.50
	57	6235	5.50	5.50	2.50	2.50	5.50
	61	6255	5.50	5.50	2.50	2.50	5.50
	65	6275	5.50	5.50	2.50	2.50	5.50
	69	6295	5.50	5.50	2.50	2.50	5.50
	73	6315	5.50	5.50	2.50	2.50	5.50
	77	6335	5.50	5.50	2.50	2.50	5.50
	81	6355	5.50	5.50	2.50	2.50	5.50
802.11ax HE40	85	6375	5.50	5.50	2.50	2.50	5.50
	89	6395	5.50	5.50	2.50	2.50	5.50
	93	6415	5.50	5.50	2.50	2.50	5.50
	3	5965	8.75	8.75	5.75	5.75	8.75
	11	6005	8.75	8.75	5.75	5.75	8.75
	19	6045	8.75	8.75	5.75	5.75	8.75
	27	6085	8.75	8.75	5.75	5.75	8.75
	35	6125	8.75	8.75	5.75	5.75	8.75
	43	6165	8.75	8.75	5.75	5.75	8.75
	51	6205	8.75	8.75	5.75	5.75	8.75
802.11ax HE80	59	6245	8.75	8.75	5.75	5.75	8.75
	67	6285	8.75	8.75	5.75	5.75	8.75
	75	6325	8.75	8.75	5.75	5.75	8.75
	83	6365	8.75	8.75	5.75	5.75	8.75
	91	6405	8.75	8.75	5.75	5.75	8.75
	7	5985	11.25	11.25	8.25	8.25	11.25
802.11ax HE160	23	6065	11.25	11.25	8.25	8.25	11.25
	39	6145	11.25	11.25	8.25	8.25	11.25
	55	6225	11.25	11.25	8.25	8.25	11.25
	71	6305	11.25	11.25	8.25	8.25	11.25
	87	6385	11.25	11.25	8.25	8.25	11.25
	15	6025	11.50	11.50	8.50	8.50	11.50
	47	6185	11.50	11.50	8.50	8.50	11.50
	79	6345	11.50	11.50	8.50	8.50	11.50

Tune-up Power (Full)							
UNII-6_LPI							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11ax HE20	97	6435	5.50	5.50	2.50	2.50	5.50
	101	6455	5.50	5.50	2.50	2.50	5.50
	105	6475	5.50	5.50	2.50	2.50	5.50
	109	6495	5.50	5.50	2.50	2.50	5.50
	113	6515	5.50	5.50	2.50	2.50	5.50
802.11ax HE40	99	6445	8.75	8.75	5.75	5.75	8.75
	107	6485	8.75	8.75	5.75	5.75	8.75
	115	6525	8.75	8.75	5.75	5.75	8.75
802.11ax HE80	103	6465	11.25	11.25	8.25	8.25	11.25
	119	6545	11.25	11.25	8.25	8.25	11.25
802.11ax HE160	111	6505	11.50	11.50	8.50	8.50	11.50

Tune-up Power (Full)							
UNII-7_LPI							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11ax HE20	117	6535	4.75	4.75	1.75	1.75	4.75
	121	6555	4.75	4.75	1.75	1.75	4.75
	125	6575	4.75	4.75	1.75	1.75	4.75
	129	6595	4.75	4.75	1.75	1.75	4.75
	133	6615	4.75	4.75	1.75	1.75	4.75
	137	6635	4.75	4.75	1.75	1.75	4.75
	141	6655	4.75	4.75	1.75	1.75	4.75
	145	6675	4.75	4.75	1.75	1.75	4.75
	149	6695	4.75	4.75	1.75	1.75	4.75
	153	6715	4.75	4.75	1.75	1.75	4.75
	157	6735	4.75	4.75	1.75	1.75	4.75
	161	6755	4.75	4.75	1.75	1.75	4.75
	165	6775	4.75	4.75	1.75	1.75	4.75
	169	6795	4.75	4.75	1.75	1.75	4.75
	173	6815	4.75	4.75	1.75	1.75	4.75
	177	6835	4.75	4.75	1.75	1.75	4.75
	181	6855	4.75	4.75	1.75	1.75	4.75
802.11ax HE40	123	6565	8.00	8.00	5.00	5.00	8.00
	131	6605	8.00	8.00	5.00	5.00	8.00
	139	6645	8.00	8.00	5.00	5.00	8.00
	147	6685	8.00	8.00	5.00	5.00	8.00
	155	6725	8.00	8.00	5.00	5.00	8.00
	163	6765	8.00	8.00	5.00	5.00	8.00
	171	6805	8.00	8.00	5.00	5.00	8.00
	179	6845	8.00	8.00	5.00	5.00	8.00
802.11ax HE80	187	6885	8.00	8.00	5.00	5.00	8.00
	135	6625	10.50	10.50	7.50	7.50	10.50
	151	6705	10.50	10.50	7.50	7.50	10.50
	167	6785	10.50	10.50	7.50	7.50	10.50
802.11ax HE160	183	6865	10.50	10.50	7.50	7.50	10.50
	143	6665	11.50	11.50	8.50	8.50	11.50
	175	6825	11.50	11.50	8.50	8.50	11.50

Tune-up Power (Full)							
UNII-8_LPI							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11ax HE20	185	6875	4.75	4.75	1.75	1.75	4.75
	189	6895	4.75	4.75	1.75	1.75	4.75
	193	6915	4.75	4.75	1.75	1.75	4.75
	197	6935	4.75	4.75	1.75	1.75	4.75
	201	6955	4.75	4.75	1.75	1.75	4.75
	205	6975	4.75	4.75	1.75	1.75	4.75
	209	6995	4.75	4.75	1.75	1.75	4.75
	213	7015	4.75	4.75	1.75	1.75	4.75
	217	7035	4.75	4.75	1.75	1.75	4.75
	221	7055	4.75	4.75	1.75	1.75	4.75
	225	7075	4.75	4.75	1.75	1.75	4.75
	229	7095	4.75	4.75	1.75	1.75	4.75
802.11ax HE40	233	7115	0.50	0.50	-2.50	-2.50	0.50
	195	6925	8.00	8.00	5.00	5.00	8.00
	203	6965	8.00	8.00	5.00	5.00	8.00
	211	7005	8.00	8.00	5.00	5.00	8.00
	219	7045	8.00	8.00	5.00	5.00	8.00
802.11ax HE80	227	7085	8.00	8.00	5.00	5.00	8.00
	199	6945	10.50	10.50	7.50	7.50	10.50
802.11ax HE160	215	7025	10.50	10.50	7.50	7.50	10.50
	207	6985	11.50	11.50	8.50	8.50	11.50

Tune-up Power (Full)							
UNII-5_SP							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11ax HE20	1	5955	11.50	11.50	8.50	8.50	11.50
	5	5975	11.50	11.50	8.50	8.50	11.50
	9	5995	11.50	11.50	8.50	8.50	11.50
	13	6015	11.50	11.50	8.50	8.50	11.50
	17	6035	11.50	11.50	8.50	8.50	11.50
	21	6055	11.50	11.50	8.50	8.50	11.50
	25	6075	11.50	11.50	8.50	8.50	11.50
	29	6095	11.50	11.50	8.50	8.50	11.50
	33	6115	11.50	11.50	8.50	8.50	11.50
	37	6135	11.50	11.50	8.50	8.50	11.50
	41	6155	11.50	11.50	8.50	8.50	11.50
	45	6175	11.50	11.50	8.50	8.50	11.50
	49	6195	11.50	11.50	8.50	8.50	11.50
	53	6215	11.50	11.50	8.50	8.50	11.50
	57	6235	11.50	11.50	8.50	8.50	11.50
	61	6255	11.50	11.50	8.50	8.50	11.50
	65	6275	11.50	11.50	8.50	8.50	11.50
	69	6295	11.50	11.50	8.50	8.50	11.50
	73	6315	11.50	11.50	8.50	8.50	11.50
	77	6335	11.50	11.50	8.50	8.50	11.50
	81	6355	11.50	11.50	8.50	8.50	11.50
802.11ax HE40	85	6375	11.50	11.50	8.50	8.50	11.50
	89	6395	11.50	11.50	8.50	8.50	11.50
	93	6415	11.50	11.50	8.50	8.50	11.50
	3	5965	11.50	11.50	8.50	8.50	11.50
	11	6005	11.50	11.50	8.50	8.50	11.50
	19	6045	11.50	11.50	8.50	8.50	11.50
	27	6085	11.50	11.50	8.50	8.50	11.50
	35	6125	11.50	11.50	8.50	8.50	11.50
	43	6165	11.50	11.50	8.50	8.50	11.50
	51	6205	11.50	11.50	8.50	8.50	11.50
802.11ax HE80	59	6245	11.50	11.50	8.50	8.50	11.50
	67	6285	11.50	11.50	8.50	8.50	11.50
	75	6325	11.50	11.50	8.50	8.50	11.50
	83	6365	11.50	11.50	8.50	8.50	11.50
	91	6405	11.50	11.50	8.50	8.50	11.50
	7	5985	11.50	11.50	8.50	8.50	11.50
802.11ax HE160	23	6065	11.50	11.50	8.50	8.50	11.50
	39	6145	11.50	11.50	8.50	8.50	11.50
	55	6225	11.50	11.50	8.50	8.50	11.50
	71	6305	11.50	11.50	8.50	8.50	11.50
	87	6385	11.50	11.50	8.50	8.50	11.50
	15	6025	11.50	11.50	8.50	8.50	11.50
	47	6185	11.50	11.50	8.50	8.50	11.50
	79	6345	11.50	11.50	8.50	8.50	11.50

Tune-up Power (Full)							
UNII-7_SP							
Mode	Channel	Frequency	SISO Ant 1 Max Tune up	SISO Ant 2 Max Tune up	MIMO Ant 1 Tune up	MIMO Ant 2 Tune up	MIMO Ant 1+2 Max Tune up
802.11ax HE20	117	6535	11.50	11.50	8.50	8.50	11.50
	121	6555	11.50	11.50	8.50	8.50	11.50
	125	6575	11.50	11.50	8.50	8.50	11.50
	129	6595	11.50	11.50	8.50	8.50	11.50
	133	6615	11.50	11.50	8.50	8.50	11.50
	137	6635	11.50	11.50	8.50	8.50	11.50
	141	6655	11.50	11.50	8.50	8.50	11.50
	145	6675	11.50	11.50	8.50	8.50	11.50
	149	6695	11.50	11.50	8.50	8.50	11.50
	153	6715	11.50	11.50	8.50	8.50	11.50
	157	6735	11.50	11.50	8.50	8.50	11.50
	161	6755	11.50	11.50	8.50	8.50	11.50
	165	6775	11.50	11.50	8.50	8.50	11.50
	169	6795	11.50	11.50	8.50	8.50	11.50
	173	6815	11.50	11.50	8.50	8.50	11.50
	177	6835	11.50	11.50	8.50	8.50	11.50
	181	6855	11.50	11.50	8.50	8.50	11.50
802.11ax HE40	123	6565	11.50	11.50	8.50	8.50	11.50
	131	6605	11.50	11.50	8.50	8.50	11.50
	139	6645	11.50	11.50	8.50	8.50	11.50
	147	6685	11.50	11.50	8.50	8.50	11.50
	155	6725	11.50	11.50	8.50	8.50	11.50
	163	6765	11.50	11.50	8.50	8.50	11.50
	171	6805	11.50	11.50	8.50	8.50	11.50
802.11ax HE80	179	6845	11.50	11.50	8.50	8.50	11.50
	135	6625	11.50	11.50	8.50	8.50	11.50
	151	6705	11.50	11.50	8.50	8.50	11.50
802.11ax HE160	167	6785	11.50	11.50	8.50	8.50	11.50
	143	6665	11.50	11.50	8.50	8.50	11.50

Appendix E. Measured Conducted Power Result

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

Conducted Power (Full)			
WLAN2.4GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11b	1	2412	16.98
	6	2437	16.95
	11	2462	16.96
	12	2467	16.98
	13	2472	16.99
802.11g	1	2412	16.71
	6	2437	16.92
	11	2462	16.97
	12	2467	15.46
	13	2472	12.45
802.11n HT20	1	2412	16.96
	6	2437	16.9
	11	2462	16.91
	12	2467	15.45
	13	2472	12.3
802.11n HT40	3	2422	16.41
	6	2437	16.89
	9	2452	16.9
	10	2457	12.73
	11	2462	11.41
802.11ax HE20	1	2412	16.97
	6	2437	16.95
	11	2462	16.94
	12	2467	15.48
	13	2472	12.33
802.11ax HE40	3	2422	16.43
	6	2437	16.94
	9	2452	16.91
	10	2457	12.74
	11	2462	11.44

Conducted Power (Full)			
WLAN2.4GHz Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11b	1	2412	16.99
	6	2437	16.95
	11	2462	16.97
	12	2467	16.98
	13	2472	16.47
802.11g	1	2412	16.98
	6	2437	16.99
	11	2462	16.97
	12	2467	15.19
	13	2472	12.44
802.11n HT20	1	2412	16.92
	6	2437	16.95
	11	2462	16.9
	12	2467	15.16
	13	2472	12.41
802.11n HT40	3	2422	15.43
	6	2437	16.93
	9	2452	15.7
	10	2457	12.39
	11	2462	10.2
802.11ax HE20	1	2412	16.97
	6	2437	16.98
	11	2462	16.93
	12	2467	15.22
	13	2472	12.47
802.11ax HE40	3	2422	15.49
	6	2437	16.98
	9	2452	15.73
	10	2457	12.4
	11	2462	10.23

Conducted Power (Full)					
WLAN2.4GHz Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11b	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11g	1	2412			
	6	2437			
	11	2462			
	12	2467			
	13	2472			
802.11n HT20	1	2412	13.91	13.87	16.90
	6	2437	13.94	13.92	16.94
	11	2462	13.89	13.83	16.87
	12	2467	11.85	11.83	14.85
	13	2472	6.91	6.88	9.91
802.11n HT40	3	2422	12.93	12.92	15.94
	6	2437	13.93	13.92	16.94
	9	2452	13.39	13.33	16.37
	10	2457	8.19	8.18	11.20
	11	2462	6.45	6.42	9.45
802.11ax HE20	1	2412	13.97	13.98	16.99
	6	2437	13.96	13.99	16.99
	11	2462	13.94	13.96	16.96
	12	2467	11.9	11.98	14.95
	13	2472	6.92	6.97	9.96
802.11ax HE40	3	2422	12.97	12.98	15.99
	6	2437	13.97	13.9	16.95
	9	2452	13.45	13.48	16.48
	10	2457	8.2	8.24	11.23
	11	2462	6.46	6.42	9.45

Conducted Power (Full)			
Bluetooth Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
BR	0	2402	9.5
	39	2441	9.77
	78	2480	10.13
EDR	0	2402	6.28
	39	2441	6.35
	78	2480	6.69
LE-1M	0	2402	8.49
	19	2440	8.8
	39	2480	9.08

Conducted Power (Full)			
WLAN 5.2GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	36	5180	13.97
	40	5200	13.94
	44	5220	13.91
	48	5240	13.91
802.11n HT20	36	5180	13.89
	40	5200	13.82
	44	5220	13.86
	48	5240	13.86
802.11n HT40	38	5190	13.91
	46	5230	13.89
802.11ac VHT20	36	5180	13.91
	40	5200	13.87
	44	5220	13.82
	48	5240	13.82
802.11ac VHT40	38	5190	13.95
	46	5230	13.94
802.11ac VHT80	42	5210	13.95
802.11ax HE20	36	5180	13.99
	40	5200	13.93
	44	5220	13.92
	48	5240	13.94
802.11ax HE40	38	5190	13.98
	46	5230	13.96
802.11ax HE80	42	5210	13.99

Conducted Power (Full)			
WLAN 5.2GHz Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	36	5180	11.99
	40	5200	11.98
	44	5220	11.97
	48	5240	12
802.11n HT20	36	5180	11.89
	40	5200	11.88
	44	5220	11.87
	48	5240	11.9
802.11n HT40	38	5190	11.96
	46	5230	11.89
802.11ac VHT20	36	5180	11.86
	40	5200	11.85
	44	5220	11.84
	48	5240	11.87
802.11ac VHT40	38	5190	11.93
	46	5230	11.86
802.11ac VHT80	42	5210	12.02
802.11ax HE20	36	5180	11.9
	40	5200	11.89
	44	5220	11.88
	48	5240	11.91
802.11ax HE40	38	5190	11.97
	46	5230	11.9
802.11ax HE80	42	5210	11.76

Conducted Power (Full)					
WLAN 5.2GHz Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	36	5180			
	40	5200			
	44	5220			
	48	5240			
802.11n HT20	36	5180	10.53	9.21	12.93
	40	5200	10.54	9.19	12.93
	44	5220	10.53	9.19	12.92
	48	5240	10.62	9.21	12.98
802.11n HT40	38	5190	10.61	9.12	12.94
	46	5230	10.65	9.23	13.01
802.11ac VHT20	36	5180	10.47	9.15	12.87
	40	5200	10.48	9.13	12.87
	44	5220	10.55	9.14	12.91
	48	5240	10.56	9.15	12.92
802.11ac VHT40	38	5190	10.55	9.06	12.88
	46	5230	10.59	9.17	12.95
802.11ac VHT80	42	5210	10.51	9.03	12.84
802.11ax HE20	36	5180	10.42	9.1	12.82
	40	5200	10.43	9.08	12.82
	44	5220	10.49	9.09	12.86
	48	5240	10.51	9.1	12.87
802.11ax HE40	38	5190	10.5	9.01	12.83
	46	5230	10.54	9.12	12.9
802.11ax HE80	42	5210	10.46	8.98	12.79

Conducted Power (Full)			
WLAN 5.3GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	52	5260	13.9
	56	5280	13.92
	60	5300	13.91
	64	5320	13.97
802.11n HT20	52	5260	13.84
	56	5280	13.88
	60	5300	13.89
	64	5320	13.92
802.11n HT40	54	5270	13.89
	62	5310	13.88
802.11ac VHT20	52	5260	13.84
	56	5280	13.84
	60	5300	13.87
	64	5320	13.88
802.11ac VHT40	54	5270	13.94
	62	5310	13.94
802.11ac VHT80	58	5290	13.93
802.11ac VHT160	50	5250	13.94
802.11ax HE20	52	5260	13.92
	56	5280	13.91
	60	5300	13.97
	64	5320	13.99
802.11ax HE40	54	5270	13.97
	62	5310	13.96
802.11ax HE80	58	5290	13.98
802.11ax HE160	50	5250	13.97

Conducted Power (Full)			
WLAN 5.3GHz Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	52	5260	12.01
	56	5280	11.91
	60	5300	11.92
	64	5320	11.94
802.11n HT20	52	5260	11.91
	56	5280	11.9
	60	5300	11.82
	64	5320	11.84
802.11n HT40	54	5270	11.98
	62	5310	11.97
802.11ac VHT20	52	5260	11.88
	56	5280	11.78
	60	5300	11.79
	64	5320	11.81
802.11ac VHT40	54	5270	11.95
	62	5310	11.94
802.11ac VHT80	58	5290	11.89
802.11ac VHT160	50	5250	12.3
802.11ax HE20	52	5260	11.92
	56	5280	11.9
	60	5300	11.83
	64	5320	11.85
802.11ax HE40	54	5270	11.99
	62	5310	11.98
802.11ax HE80	58	5290	11.78
802.11ax HE160	50	5250	12.09

Conducted Power (Full)					
WLAN 5.3GHz Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	52	5260			
	56	5280			
	60	5300			
	64	5320			
802.11n HT20	52	5260	10.71	9.3	13.07
	56	5280	10.7	9.23	13.04
	60	5300	10.7	9.24	13.04
	64	5320	10.68	9.17	13
802.11n HT40	54	5270	10.61	9.22	12.98
	62	5310	10.6	9.26	12.99
802.11ac VHT20	52	5260	10.65	9.24	13.01
	56	5280	10.63	9.17	12.97
	60	5300	10.64	9.18	12.98
	64	5320	10.62	9.11	12.94
802.11ac VHT40	54	5270	10.55	9.16	12.92
	62	5310	10.54	9.2	12.93
802.11ac VHT80	58	5290	10.41	9.43	12.96
802.11ac VHT160	50	5250	10.82	9.24	13.11
802.11ax HE20	52	5260	10.6	9.19	12.96
	56	5280	10.58	9.11	12.92
	60	5300	10.59	9.13	12.93
	64	5320	10.57	9.06	12.89
802.11ax HE40	54	5270	10.5	9.11	12.87
	62	5310	10.49	9.15	12.88
802.11ax HE80	58	5290	10.36	9.38	12.91
802.11ax HE160	50	5250	10.77	9.19	13.06

Conducted Power (Full)			
WLAN 5.6GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	100	5500	13.9
	116	5580	13.91
	120	5600	13.93
	124	5620	13.92
	132	5660	13.94
	140	5700	13.94
	144	5720	13.94
802.11n HT20	100	5500	13.86
	116	5580	13.82
	120	5600	13.84
	124	5620	13.85
	132	5660	13.87
	140	5700	13.85
	144	5720	13.89
802.11n HT40	102	5510	13.9
	110	5550	13.9
	118	5590	13.89
	126	5630	13.9
	134	5670	13.92
	142	5710	13.86
802.11ac VHT20	100	5500	13.91
	116	5580	13.88
	120	5600	13.82
	124	5620	13.81
	132	5660	13.8
	140	5700	13.89
	144	5720	13.94
802.11ac VHT40	102	5510	13.95
	110	5550	13.91
	118	5590	13.92
	126	5630	13.92
	134	5670	13.95
	142	5710	13.9
802.11ac VHT80	106	5530	13.87
	122	5610	13.89
	138	5690	13.9
802.11ac VHT160	114	5570	13.86
802.11ax HE20	100	5500	13.95
	116	5580	13.9
	120	5600	13.92
	124	5620	13.91
	132	5660	13.92
	140	5700	13.94
	144	5720	13.97
802.11ax HE40	102	5510	13.99
	110	5550	13.97
	118	5590	13.95
	126	5630	13.92
	134	5670	13.98
	142	5710	13.94
802.11ax HE80	106	5530	13.92
	122	5610	13.94
	138	5690	13.94
802.11ax HE160	114	5570	13.91

Conducted Power (Full)			
WLAN 5.6GHz Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	100	5500	10.86
	116	5580	10.85
	120	5600	10.82
	124	5620	10.81
	132	5660	10.76
	140	5700	10.77
	144	5720	10.78
802.11n HT20	100	5500	10.76
	116	5580	10.75
	120	5600	10.72
	124	5620	10.71
	132	5660	10.66
	140	5700	10.67
	144	5720	10.68
802.11n HT40	102	5510	10.7
	110	5550	10.69
	118	5590	10.74
	126	5630	10.73
	134	5670	10.74
	142	5710	10.69
802.11ac VHT20	100	5500	10.73
	116	5580	10.68
	120	5600	10.69
	124	5620	10.68
	132	5660	10.63
	140	5700	10.64
	144	5720	10.65
802.11ac VHT40	102	5510	10.67
	110	5550	10.66
	118	5590	10.71
	126	5630	10.7
	134	5670	10.71
	142	5710	10.66
802.11ac VHT80	106	5530	10.91
	122	5610	10.84
	138	5690	10.84
802.11ac VHT160	114	5570	10.98
802.11ax HE20	100	5500	10.77
	116	5580	10.72
	120	5600	10.73
	124	5620	10.72
	132	5660	10.71
	140	5700	10.68
	144	5720	10.69
802.11ax HE40	102	5510	10.71
	110	5550	10.7
	118	5590	10.75
	126	5630	10.74
	134	5670	10.75
	142	5710	10.7
802.11ax HE80	106	5530	10.68
	122	5610	10.58
	138	5690	10.62
802.11ax HE160	114	5570	10.89

Conducted Power (Full)					
WLAN 5.6GHz Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	100	5500			
	116	5580			
	120	5600			
	124	5620			
	132	5660			
	140	5700			
	144	5720			
802.11n HT20	100	5500	10.81	7.71	12.54
	116	5580	10.8	7.69	12.53
	120	5600	10.79	7.61	12.5
	124	5620	10.77	7.58	12.47
	132	5660	10.78	7.59	12.48
	140	5700	10.82	7.74	12.56
	144	5720	10.84	7.74	12.57
802.11n HT40	102	5510	10.76	7.71	12.51
	110	5550	10.74	7.68	12.48
	118	5590	10.82	7.65	12.53
	126	5630	10.79	7.53	12.47
	134	5670	10.83	7.57	12.51
	142	5710	10.76	7.62	12.48
802.11ac VHT20	100	5500	10.75	7.65	12.48
	116	5580	10.74	7.63	12.47
	120	5600	10.73	7.55	12.44
	124	5620	10.72	7.53	12.42
	132	5660	10.74	7.56	12.45
	140	5700	10.76	7.68	12.5
	144	5720	10.78	7.68	12.51
802.11ac VHT40	102	5510	10.7	7.65	12.45
	110	5550	10.73	7.66	12.47
	118	5590	10.76	7.59	12.47
	126	5630	10.77	7.5	12.45
	134	5670	10.77	7.51	12.45
	142	5710	10.7	7.56	12.42
802.11ac VHT80	106	5530	10.63	7.71	12.42
	122	5610	10.68	7.91	12.52
	138	5690	10.59	7.85	12.44
802.11ac VHT160	114	5570	10.77	7.71	12.51
802.11ax HE20	100	5500	10.7	7.6	12.43
	116	5580	10.69	7.53	12.4
	120	5600	10.68	7.5	12.39
	124	5620	10.66	7.49	12.37
	132	5660	10.69	7.52	12.4
	140	5700	10.71	7.63	12.45
	144	5720	10.73	7.63	12.46
802.11ax HE40	102	5510	10.65	7.6	12.4
	110	5550	10.69	7.55	12.41
	118	5590	10.71	7.54	12.42
	126	5630	10.69	7.49	12.39
	134	5670	10.72	7.46	12.4
	142	5710	10.65	7.51	12.37
802.11ax HE80	106	5530	10.58	7.66	12.37
	122	5610	10.63	7.86	12.47
	138	5690	10.54	7.8	12.39
802.11ax HE160	114	5570	10.72	7.66	12.46

Conducted Power (Full)			
WLAN 5.8GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	149	5745	12.34
	153	5765	12.33
	157	5785	12.41
	161	5805	12.33
	165	5825	12.35
802.11n HT20	149	5745	12.33
	153	5765	12.32
	157	5785	12.34
	161	5805	12.32
	165	5825	12.33
802.11n HT40	151	5755	12.35
	159	5795	12.34
802.11ac VHT20	149	5745	12.44
	153	5765	12.42
	157	5785	12.43
	161	5805	12.42
	165	5825	12.45
802.11ac VHT40	151	5755	12.41
	159	5795	12.39
802.11ac VHT80	155	5775	12.61
802.11ax HE20	149	5745	12.47
	153	5765	12.45
	157	5785	12.46
	161	5805	12.45
	165	5825	12.48
802.11ax HE40	151	5755	12.44
	159	5795	12.42
802.11ax HE80	155	5775	12.64

Conducted Power (Full)			
WLAN 5.8GHz Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	149	5745	10.81
	153	5765	10.8
	157	5785	10.82
	161	5805	10.81
	165	5825	10.83
802.11n HT20	149	5745	10.71
	153	5765	10.7
	157	5785	10.72
	161	5805	10.71
	165	5825	10.73
802.11n HT40	151	5755	10.74
	159	5795	10.68
802.11ac VHT20	149	5745	10.68
	153	5765	10.67
	157	5785	10.69
	161	5805	10.68
	165	5825	10.7
802.11ac VHT40	151	5755	10.71
	159	5795	10.65
802.11ac VHT80	155	5775	10.84
802.11ax HE20	149	5745	10.72
	153	5765	10.71
	157	5785	10.73
	161	5805	10.72
	165	5825	10.74
802.11ax HE40	151	5755	10.75
	159	5795	10.69
802.11ax HE80	155	5775	10.62

Conducted Power (Full)					
WLAN 5.8GHz Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	149	5745			
	153	5765			
	157	5785			
	161	5805			
	165	5825			
802.11n HT20	149	5745	9.74	7.62	11.82
	153	5765	9.73	7.6	11.8
	157	5785	9.81	7.65	11.87
	161	5805	9.79	7.58	11.83
	165	5825	9.76	7.71	11.87
802.11n HT40	151	5755	9.76	7.64	11.84
	159	5795	9.75	7.71	11.86
802.11ac VHT20	149	5745	9.68	7.56	11.76
	153	5765	9.67	7.55	11.75
	157	5785	9.75	7.59	11.81
	161	5805	9.69	7.61	11.78
	165	5825	9.7	7.65	11.81
802.11ac VHT40	151	5755	9.7	7.58	11.78
	159	5795	9.69	7.65	11.8
802.11ac VHT80	155	5775	9.68	7.81	11.86
802.11ax HE20	149	5745	9.63	7.51	11.71
	153	5765	9.61	7.49	11.69
	157	5785	9.7	7.54	11.76
	161	5805	9.64	7.53	11.72
	165	5825	9.65	7.6	11.76
802.11ax HE40	151	5755	9.65	7.53	11.73
	159	5795	9.64	7.6	11.75
802.11ax HE80	155	5775	9.63	7.76	11.81

Conducted Power (Full)			
WLAN 5.9GHz Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	169	5845	12.25
	173	5865	12.27
	177	5885	12.24
802.11n HT20	169	5845	12.32
	173	5865	12.3
	177	5885	12.31
802.11n HT40	167	5835	12.35
	175	5875	12.31
802.11ac VHT20	169	5845	12.18
	173	5865	12.16
	177	5885	12.18
802.11ac VHT40	167	5835	12.31
	175	5875	12.36
802.11ac VHT80	171	5855	12.28
802.11ac VHT160	163	5815	12.4
802.11ax HE20	169	5845	12.33
	173	5865	12.2
	177	5885	12.32
802.11ax HE40	167	5835	12.22
	175	5875	12.26
802.11ax HE80	171	5855	12.35
802.11ax HE160	163	5815	12.34

Conducted Power (Full)			
WLAN 5.9GHz Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	169	5845	10.81
	173	5865	10.83
	177	5885	10.8
802.11n HT20	169	5845	10.88
	173	5865	10.86
	177	5885	10.87
802.11n HT40	167	5835	10.91
	175	5875	10.87
802.11ac VHT20	169	5845	10.74
	173	5865	10.72
	177	5885	10.74
802.11ac VHT40	167	5835	10.87
	175	5875	10.92
802.11ac VHT80	171	5855	10.92
802.11ac VHT160	163	5815	10.99
802.11ax HE20	169	5845	10.89
	173	5865	10.76
	177	5885	10.88
802.11ax HE40	167	5835	10.78
	175	5875	10.82
802.11ax HE80	171	5855	10.91
802.11ax HE160	163	5815	10.9

Conducted Power (Full)					
WLAN 5.9GHz Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	169	5845			
	173	5865			
	177	5885			
802.11n HT20	169	5845	9.76	7.72	11.87
	173	5865	9.79	7.87	11.94
	177	5885	9.85	7.78	11.94
802.11n HT40	167	5835	9.85	7.78	11.94
	175	5875	9.90	7.78	11.98
802.11ac VHT20	169	5845	9.70	7.67	11.81
	173	5865	9.76	7.90	11.94
	177	5885	9.77	7.87	11.93
802.11ac VHT40	167	5835	9.68	7.71	11.82
	175	5875	9.88	7.78	11.96
802.11ac VHT80	171	5855	9.77	7.68	11.86
802.11ac VHT160	163	5815	9.93	7.72	11.98
802.11ax HE20	169	5845	9.66	7.63	11.77
	173	5865	9.82	7.86	11.96
	177	5885	9.83	7.83	11.96
802.11ax HE40	167	5835	9.64	7.67	11.78
	175	5875	9.84	7.74	11.92
802.11ax HE80	171	5855	9.73	7.64	11.82
802.11ax HE160	163	5815	9.89	7.68	11.94

Conducted Power (Full)			
UNII-5 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	1	5955	5.46
	5	5975	5.41
	9	5995	5.45
	13	6015	5.42
	17	6035	5.44
	21	6055	5.41
	25	6075	5.43
	29	6095	5.44
	33	6115	5.42
	37	6135	5.45
	41	6155	5.44
	45	6175	5.47
	49	6195	5.45
	53	6215	5.43
	57	6235	5.44
	61	6255	5.45
	65	6275	5.45
	69	6295	5.43
	73	6315	5.45
	77	6335	5.43
	81	6355	5.46
	85	6375	5.43
	89	6395	5.42
	93	6415	5.46
802.11ax HE40	3	5965	8.73
	11	6005	8.7
	19	6045	8.68
	27	6085	8.7
	35	6125	8.68
	43	6165	8.71
	51	6205	8.67
	59	6245	8.66
	67	6285	8.69
	75	6325	8.68
	83	6365	8.66
	91	6405	8.68
802.11ax HE80	7	5985	11.24
	23	6065	11.23
	39	6145	11.18
	55	6225	11.18
	71	6305	11.16
	87	6385	11.19
802.11ax HE160	15	6025	11.48
	47	6185	11.49
	79	6345	11.47

Conducted Power (Full)			
UNII-5 Ant 2_LPI			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11ax HE20	1	5955	5.44
	5	5975	5.43
	9	5995	5.41
	13	6015	5.42
	17	6035	5.39
	21	6055	5.41
	25	6075	5.41
	29	6095	5.4
	33	6115	5.41
	37	6135	5.42
	41	6155	5.4
	45	6175	5.46
	49	6195	5.45
	53	6215	5.44
	57	6235	5.44
	61	6255	5.42
	65	6275	5.41
	69	6295	5.41
	73	6315	5.42
	77	6335	5.42
802.11ax HE40	81	6355	5.45
	85	6375	5.41
	89	6395	5.45
	93	6415	5.42
	3	5965	8.71
	11	6005	8.67
	19	6045	8.68
	27	6085	8.67
	35	6125	8.67
	43	6165	8.71
802.11ax HE80	51	6205	8.66
	59	6245	8.67
	67	6285	8.68
	75	6325	8.66
	83	6365	8.66
	91	6405	8.72
802.11ax HE160	7	5985	11.24
	23	6065	11.22
	39	6145	11.23
	55	6225	11.24
	71	6305	11.23
	87	6385	11.22
	15	6025	11.47
	47	6185	11.46
	79	6345	11.48

Conducted Power (Full)					
UNII-5 Ant 1+2_LPI					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11ax HE20	1	5955	2.41	2.42	5.43
	5	5975	2.4	2.4	5.41
	9	5995	2.4	2.39	5.41
	13	6015	2.39	2.41	5.41
	17	6035	2.39	2.37	5.39
	21	6055	2.38	2.41	5.41
	25	6075	2.4	2.41	5.42
	29	6095	2.39	2.37	5.39
	33	6115	2.4	2.39	5.41
	37	6135	2.39	2.37	5.39
	41	6155	2.41	2.38	5.41
	45	6175	2.43	2.41	5.43
	49	6195	2.42	2.38	5.41
	53	6215	2.41	2.37	5.4
	57	6235	2.38	2.4	5.4
	61	6255	2.39	2.37	5.39
	65	6275	2.39	2.38	5.4
	69	6295	2.38	2.36	5.38
	73	6315	2.39	2.36	5.39
	77	6335	2.38	2.36	5.38
	81	6355	2.38	2.38	5.39
	85	6375	2.42	2.36	5.4
	89	6395	2.41	2.37	5.4
	93	6415	2.46	2.48	5.48
802.11ax HE40	3	5965	5.73	5.73	8.74
	11	6005	5.72	5.69	8.72
	19	6045	5.69	5.7	8.71
	27	6085	5.68	5.68	8.69
	35	6125	5.7	5.72	8.72
	43	6165	5.71	5.71	8.72
	51	6205	5.68	5.67	8.69
	59	6245	5.69	5.67	8.69
	67	6285	5.7	5.67	8.7
	75	6325	5.7	5.69	8.71
	83	6365	5.68	5.66	8.68
	91	6405	5.73	5.72	8.74
802.11ax HE80	7	5985	8.16	8.19	11.19
	23	6065	8.1	8.15	11.14
	39	6145	8.23	8.23	11.24
	55	6225	8.21	8.21	11.22
	71	6305	8.23	8.25	11.25
	87	6385	8.24	8.24	11.25
802.11ax HE160	15	6025	8.42	8.47	11.46
	47	6185	8.46	8.48	11.48
	79	6345	8.49	8.45	11.48

Conducted Power (Full)			
UNII-6 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	97	6435	5.43
	101	6455	5.44
	105	6475	5.45
	109	6495	5.41
	113	6515	5.42
802.11ax HE40	99	6445	8.71
	107	6485	8.65
	115	6525	7.92
802.11ax HE80	103	6465	11.17
	119	6545	10.48
802.11ax HE160	111	6505	11.48

Conducted Power (Full)			
UNII-6 Ant 2_LPI			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11ax HE20	97	6435	5.45
	101	6455	5.43
	105	6475	5.44
	109	6495	5.41
	113	6515	5.44
802.11ax HE40	99	6445	8.74
	107	6485	8.7
	115	6525	7.92
802.11ax HE80	103	6465	11.24
	119	6545	10.41
802.11ax HE160	111	6505	11.45

Conducted Power (Full)					
UNII-6 Ant 1+2_LPI					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11ax HE20	97	6435	2.49	2.45	5.48
	101	6455	2.43	2.41	5.43
	105	6475	2.43	2.4	5.43
	109	6495	2.44	2.41	5.44
	113	6515	2.45	2.49	5.48
802.11ax HE40	99	6445	5.71	5.71	8.72
	107	6485	5.71	5.7	8.72
	115	6525	4.97	4.94	7.97
802.11ax HE80	103	6465	8.22	8.24	11.24
	119	6545	7.46	7.46	10.47
802.11ax HE160	111	6505	8.48	8.46	11.48

Conducted Power (Full)			
UNII-7 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	117	6535	4.66
	121	6555	4.63
	125	6575	4.65
	129	6595	4.61
	133	6615	4.63
	137	6635	4.62
	141	6655	4.63
	145	6675	4.62
	149	6695	4.71
	153	6715	4.7
	157	6735	4.66
	161	6755	4.7
	165	6775	4.66
	169	6795	4.69
	173	6815	4.7
	177	6835	4.7
802.11ax HE40	181	6855	4.65
	123	6565	7.9
	131	6605	7.88
	139	6645	7.85
	147	6685	7.87
	155	6725	7.91
	163	6765	7.9
	171	6805	7.86
802.11ax HE80	179	6845	7.87
	187	6885	7.95
	135	6625	10.45
	151	6705	10.49
802.11ax HE160	167	6785	10.43
	183	6865	10.42
	143	6665	11.4
	175	6825	11.47

Conducted Power (Full)			
UNII-7 Ant 2_LPI			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11ax HE20	117	6535	4.63
	121	6555	4.61
	125	6575	4.6
	129	6595	4.6
	133	6615	4.62
	137	6635	4.58
	141	6655	4.62
	145	6675	4.61
	149	6695	4.71
	153	6715	4.68
	157	6735	4.69
	161	6755	4.68
	165	6775	4.7
	169	6795	4.66
	173	6815	4.7
	177	6835	4.65
	181	6855	4.74
802.11ax HE40	123	6565	7.94
	131	6605	7.99
	139	6645	7.97
	147	6685	7.95
	155	6725	7.93
	163	6765	7.89
	171	6805	7.91
	179	6845	7.92
802.11ax HE80	187	6885	7.95
	135	6625	10.41
	151	6705	10.39
	167	6785	10.43
802.11ax HE160	183	6865	10.46
	143	6665	11.48
	175	6825	11.48

Conducted Power (Full)					
UNII-7 Ant 1+2_LPI					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11ax HE20	117	6535	1.7	1.74	4.73
	121	6555	1.68	1.73	4.72
	125	6575	1.69	1.72	4.72
	129	6595	1.69	1.7	4.71
	133	6615	1.69	1.7	4.71
	137	6635	1.65	1.73	4.7
	141	6655	1.69	1.73	4.72
	145	6675	1.66	1.71	4.7
	149	6695	1.64	1.7	4.68
	153	6715	1.61	1.7	4.67
	157	6735	1.62	1.72	4.68
	161	6755	1.59	1.74	4.68
	165	6775	1.62	1.74	4.69
	169	6795	1.59	1.72	4.67
	173	6815	1.62	1.74	4.69
	177	6835	1.59	1.72	4.67
	181	6855	1.66	1.73	4.71
802.11ax HE40	123	6565	4.94	4.92	7.94
	131	6605	4.92	4.91	7.93
	139	6645	4.94	4.9	7.93
	147	6685	4.92	4.91	7.93
	155	6725	4.96	4.98	7.98
	163	6765	4.95	4.91	7.94
	171	6805	4.96	4.9	7.94
	179	6845	4.96	4.9	7.94
	187	6885	4.98	4.97	7.99
802.11ax HE80	135	6625	7.43	7.42	10.44
	151	6705	7.44	7.44	10.45
	167	6785	7.46	7.41	10.45
	183	6865	7.48	7.47	10.49
802.11ax HE160	143	6665	8.45	8.44	11.46
	175	6825	8.47	8.42	11.46

Conducted Power (Full)			
UNII-8 Ant 1_LPI			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	185	6875	4.7
	189	6895	4.66
	193	6915	4.68
	197	6935	4.66
	201	6955	4.68
	205	6975	4.65
	209	6995	4.74
	213	7015	4.71
	217	7035	4.72
	221	7055	4.7
	225	7075	4.73
	229	7095	4.7
	233	7115	0.48
802.11ax HE40	195	6925	7.45
	203	6965	7.41
	211	7005	7.35
	219	7045	7.8
	227	7085	7.98
802.11ax HE80	199	6945	10.46
	215	7025	10.38
802.11ax HE160	207	6985	11.48

Conducted Power (Full)			
UNII-8 Ant 2_LPI			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11ax HE20	185	6875	4.71
	189	6895	4.67
	193	6915	4.67
	197	6935	4.66
	201	6955	4.69
	205	6975	4.68
	209	6995	4.7
	213	7015	4.68
	217	7035	4.69
	221	7055	4.68
	225	7075	4.69
	229	7095	4.68
	233	7115	0.4
802.11ax HE40	195	6925	7.97
	203	6965	7.94
	211	7005	7.99
	219	7045	7.95
	227	7085	7.93
802.11ax HE80	199	6945	10.44
	215	7025	10.46
802.11ax HE160	207	6985	11.4

Conducted Power (Full)					
UNII-8 Ant 1+2_LPI					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11ax HE20	185	6875	1.71	1.7	4.72
	189	6895	1.7	1.68	4.7
	193	6915	1.66	1.68	4.68
	197	6935	1.69	1.68	4.7
	201	6955	1.69	1.69	4.7
	205	6975	1.66	1.69	4.69
	209	6995	1.72	1.73	4.74
	213	7015	1.68	1.68	4.69
	217	7035	1.71	1.71	4.72
	221	7055	1.69	1.7	4.71
	225	7075	1.67	1.69	4.69
	229	7095	1.67	1.71	4.7
	233	7115	-2.53	-2.56	0.47
802.11ax HE40	195	6925	4.86	4.89	7.89
	203	6965	4.87	4.87	7.88
	211	7005	4.93	4.98	7.97
	219	7045	4.91	4.92	7.93
	227	7085	4.98	4.99	8
802.11ax HE80	199	6945	7.46	7.46	10.47
	215	7025	7.41	7.48	10.46
802.11ax HE160	207	6985	8.45	8.45	11.46

Conducted Power (Full)_SP			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	1	5955	11.45
	5	5975	11.42
	9	5995	11.41
	13	6015	11.43
	17	6035	11.42
	21	6055	11.43
	25	6075	11.41
	29	6095	11.44
	33	6115	11.43
	37	6135	11.43
	41	6155	11.41
	45	6175	11.45
	49	6195	11.43
	53	6215	11.41
	57	6235	11.4
	61	6255	11.42
	65	6275	11.44
	69	6295	11.44
	73	6315	11.44
	77	6335	11.44
	81	6355	11.4
	85	6375	11.41
	89	6395	11.43
	93	6415	11.43
802.11ax HE40	3	5965	11.48
	11	6005	11.44
	19	6045	11.45
	27	6085	11.43
	35	6125	11.44
	43	6165	11.47
	51	6205	11.45
	59	6245	11.43
	67	6285	11.43
	75	6325	11.43
802.11ax HE80	7	5985	11.48
	23	6065	11.47
	39	6145	11.45
	55	6225	11.44
	71	6305	11.45
	87	6385	11.47
802.11ax HE160	15	6025	11.47
	47	6185	11.48
	79	6345	11.45

Conducted Power (Full)_SP			
UNII-5 Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11ax HE20	1	5955	11.43
	5	5975	11.4
	9	5995	11.39
	13	6015	11.38
	17	6035	11.42
	21	6055	11.38
	25	6075	11.38
	29	6095	11.4
	33	6115	11.39
	37	6135	11.39
	41	6155	11.39
	45	6175	11.45
	49	6195	11.43
	53	6215	11.41
	57	6235	11.44
	61	6255	11.42
	65	6275	11.41
	69	6295	11.44
	73	6315	11.43
	77	6335	11.44
	81	6355	11.4
	85	6375	11.43
	89	6395	11.43
	93	6415	11.46
802.11ax HE40	3	5965	11.46
	11	6005	11.45
	19	6045	11.41
	27	6085	11.44
	35	6125	11.42
	43	6165	11.45
	51	6205	11.42
	59	6245	11.42
	67	6285	11.43
	75	6325	11.42
	83	6365	11.45
	91	6405	11.45
802.11ax HE80	7	5985	11.45
	23	6065	11.43
	39	6145	11.46
	55	6225	11.45
	71	6305	11.49
	87	6385	11.46
802.11ax HE160	15	6025	11.47
	47	6185	11.46
	79	6345	11.48

Conducted Power (Full)_SP					
UNII-5 Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11ax HE20	1	5955	8.43	8.41	11.43
	5	5975	8.4	8.41	11.42
	9	5995	8.41	8.4	11.42
	13	6015	8.41	8.39	11.41
	17	6035	8.39	8.39	11.4
	21	6055	8.38	8.41	11.41
	25	6075	8.41	8.38	11.41
	29	6095	8.39	8.39	11.4
	33	6115	8.39	8.39	11.4
	37	6135	8.4	8.4	11.41
	41	6155	8.42	8.41	11.43
	45	6175	8.46	8.43	11.46
	49	6195	8.45	8.43	11.45
	53	6215	8.45	8.44	11.46
	57	6235	8.43	8.43	11.44
	61	6255	8.42	8.42	11.43
	65	6275	8.43	8.45	11.45
	69	6295	8.45	8.45	11.46
	73	6315	8.45	8.41	11.44
	77	6335	8.44	8.45	11.46
	81	6355	8.45	8.43	11.45
	85	6375	8.44	8.43	11.45
	89	6395	8.44	8.41	11.44
	93	6415	8.45	8.43	11.45
802.11ax HE40	3	5965	8.47	8.46	11.48
	11	6005	8.45	8.43	11.45
	19	6045	8.45	8.44	11.46
	27	6085	8.45	8.43	11.45
	35	6125	8.42	8.41	11.43
	43	6165	8.45	8.44	11.46
	51	6205	8.4	8.42	11.42
	59	6245	8.43	8.44	11.45
	67	6285	8.43	8.43	11.44
	75	6325	8.44	8.44	11.45
	83	6365	8.4	8.44	11.43
	91	6405	8.46	8.45	11.47
802.11ax HE80	7	5985	8.16	8.19	11.19
	23	6065	8.15	8.18	11.18
	39	6145	8.23	8.23	11.24
	55	6225	8.21	8.2	11.22
	71	6305	8.24	8.24	11.25
	87	6385	8.24	8.24	11.25
802.11ax HE160	15	6025	8.42	8.47	11.46
	47	6185	8.46	8.48	11.48
	79	6345	8.49	8.45	11.48

Conducted Power (Full)_SP			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11ax HE20	117	6535	11.31
	121	6555	11.29
	125	6575	11.26
	129	6595	11.3
	133	6615	11.27
	137	6635	11.28
	141	6655	11.27
	145	6675	11.26
	149	6695	11.28
	153	6715	11.26
	157	6735	11.26
	161	6755	11.25
	165	6775	11.25
	169	6795	11.24
	173	6815	11.23
	177	6835	11.25
	181	6855	11.26
802.11ax HE40	123	6565	11.48
	131	6605	11.47
	139	6645	11.45
	147	6685	11.47
	155	6725	11.46
	163	6765	11.43
	171	6805	11.44
	179	6845	11.47
802.11ax HE80	135	6625	11.48
	151	6705	11.47
	167	6785	11.46
802.11ax HE160	143	6665	11.48

Conducted Power (Full)_SP			
UNII-7 Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11ax HE20	117	6535	11.3
	121	6555	11.26
	125	6575	11.26
	129	6595	11.28
	133	6615	11.26
	137	6635	11.27
	141	6655	11.26
	145	6675	11.25
	149	6695	11.3
	153	6715	11.26
	157	6735	11.26
	161	6755	11.28
	165	6775	11.26
	169	6795	11.29
	173	6815	11.29
	177	6835	11.28
	181	6855	11.26
802.11ax HE40	123	6565	11.46
	131	6605	11.42
	139	6645	11.41
	147	6685	11.44
	155	6725	11.44
	163	6765	11.42
	171	6805	11.41
	179	6845	11.46
802.11ax HE80	135	6625	11.48
	151	6705	11.46
	167	6785	11.46
802.11ax HE160	143	6665	11.48

Conducted Power (Full)_SP					
UNII-7 Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11ax HE20	117	6535	8.43	8.41	11.43
	121	6555	8.4	8.4	11.41
	125	6575	8.41	8.38	11.41
	129	6595	8.41	8.38	11.41
	133	6615	8.41	8.4	11.42
	137	6635	8.42	8.39	11.42
	141	6655	8.39	8.38	11.4
	145	6675	8.41	8.4	11.42
	149	6695	8.43	8.41	11.43
	153	6715	8.4	8.38	11.4
	157	6735	8.42	8.41	11.43
	161	6755	8.41	8.4	11.42
	165	6775	8.4	8.42	11.42
	169	6795	8.38	8.38	11.39
	173	6815	8.42	8.39	11.42
	177	6835	8.41	8.41	11.42
	181	6855	8.44	8.41	11.44
802.11ax HE40	123	6565	8.46	8.43	11.46
	131	6605	8.39	8.38	11.4
	139	6645	8.38	8.39	11.4
	147	6685	8.38	8.38	11.39
	155	6725	8.43	8.41	11.43
	163	6765	8.38	8.38	11.39
	171	6805	8.39	8.41	11.41
	179	6845	8.45	8.42	11.45
802.11ax HE80	135	6625	8.22	8.24	11.24
	151	6705	7.44	7.44	10.45
	167	6785	8.47	8.43	11.46
802.11ax HE160	143	6665	8.48	8.44	11.47

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 and Power Density/APD Test Result

System & Position					DUT Configuration			SAR					APD		Power Density					Total psPD [W/m ²]	Scaled Total psPD [W/m ²]						
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	6G Power Mode	Ant Status	Data Rate	Duty Cycle	Crest Factor	Max. Time-avg 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/m ²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm ²]	Normal psPD [W/m ²]		
1	WLAN2_4G	802.11b	Bottom of Laptop	0	13	-	Ant 1	1M	100.00	1.00	17.00	16.99	1.00	0.04	0.713	0.713	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11b	Bottom of Laptop	0	1	-	Ant 2	1M	100.00	1.00	17.00	16.99	1.00	0.09	0.816	0.816	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11n HT40	Bottom of Laptop	0	6	-	Ant 1+2	HTD	99.63	1.00	17.00	16.94	1.01	0.08	0.404	0.408	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11b	Back of Panel	25	13	-	Ant 1	1M	100.00	1.00	17.00	16.99	1.00	0	<0.001	0.00	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11b	Back of Panel	25	1	-	Ant 2	1M	100.00	1.00	17.00	16.99	1.00	0	<0.001	0.00	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11n HT40	Back of Panel	25	6	-	Ant 1+2	HTD	99.63	1.00	17.00	16.94	1.01	0	<0.001	0.00	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11b	Bottom of Laptop	0	6	-	Ant 1	1M	100.00	1.00	17.00	16.95	1.01	-0.15	0.879	0.888	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11b	Bottom of Laptop	0	11	-	Ant 2	1M	100.00	1.00	17.00	16.97	1.01	0.17	0.905	0.914	-	-	-	-	-	-	-	-	-		
	WLAN2_4G	802.11b	Bottom of Laptop	0	12	-	Ant 1+2	1M	100.00	1.00	17.00	16.98	1.00	0.01	0.929	0.929	0.929	-	-	-	-	-	-	-	-	-	
	WLAN2_4G	802.11b	Bottom of Laptop	0	13	-	Ant 2	1M	100.00	1.00	16.50	16.47	1.01	-0.14	0.808	0.816	-	-	-	-	-	-	-	-	-	-	
	WLAN2_4G	802.11b	Bottom of Laptop	0	12	-	Ant 2	1M	100.00	1.00	17.00	16.98	1.00	0.05	0.893	0.893	-	-	-	-	-	-	-	-	-	-	-

Body SAR and Power Density/APD Test Result

System & Position						DUT Configuration			SAR				APD		Power Density					Scaled								
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	6G Power Mode	Ant Status	Data Rate	Duty Cycle	Crest Factor	Max. Transm. Power (dBm)	Measured Conducted (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/m ²]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm ²]	Power Drift [dB]	Normal psPD [W/m ²]	Total psPD [W/m ²]	Scaled Total psPD [W/m ²]		
2	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	-	Ant 1	MC50	99.50	1.01	14.00	13.94	1.01	0.05	0.432	0.441	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	-	Ant 2	MC50	99.63	1.00	12.50	12.50	1.05	-0.08	1.3	1.365	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	-	Ant 1+2	MC50	99.62	1.00	13.50	13.11	1.09	0.13	0.739	0.806	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Back of Panel	25	50	-	Ant 1	MC50	99.50	1.01	14.00	13.94	1.01	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Back of Panel	25	50	-	Ant 2	MC50	99.63	1.00	12.50	12.50	1.05	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Back of Panel	25	50	-	Ant 1+2	MC50	99.62	1.00	13.50	13.11	1.09	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	-	Ant 1	MC50	99.50	1.01	14.00	13.94	1.01	0.06	1.23	1.353	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	50	-	Ant 2	MC50	99.63	1.00	12.50	12.50	1.05	0.1	1.25	1.313	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	114	-	Ant 1	MC50	99.50	1.01	14.00	13.86	1.03	0.08	0.633	0.659	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	0	114	-	Ant 2	MC50	99.63	1.00	11.00	10.98	1.00	-0.08	1.29	1.290	-	-	-	-	-	-	-	-	-	-	-	
3	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	-	Ant 1+2	MC50	99.62	1.00	13.00	12.51	1.12	0.08	0.761	0.852	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.6G	802.11ac VHT160	Back of Panel	25	114	-	Ant 1	MC50	99.50	1.01	14.00	13.86	1.03	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.6G	802.11ac VHT160	Back of Panel	25	114	-	Ant 2	MC50	99.63	1.00	11.00	10.98	1.00	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.6G	802.11ac VHT160	Back of Panel	25	114	-	Ant 1+2	MC50	99.62	1.00	13.00	12.51	1.12	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	-	Ant 1	MC50	99.50	1.01	14.00	13.86	1.03	0.09	1.24	1.277	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	114	-	Ant 2	MC50	99.63	1.00	11.00	10.98	1.03	0.08	1.25	1.250	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	0	155	-	Ant 1	MC50	99.63	1.00	13.00	12.61	1.09	0.03	1.01	1.101	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	-	Ant 2	MC50	99.63	1.00	11.00	10.84	1.04	0.01	1.3	1.352	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	-	Ant 1+2	MC50	99.63	1.00	12.00	11.86	1.03	0.01	1.03	1.061	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.8G	802.11ac VHT80	Back of Panel	25	155	-	Ant 1	MC50	99.63	1.00	13.00	12.61	1.09	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
4	WLAN5.8G	802.11ac VHT80	Back of Panel	25	155	-	Ant 2	MC50	100.00	1.00	11.00	10.84	1.04	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.8G	802.11ac VHT80	Back of Panel	25	155	-	Ant 1+2	MC50	99.63	1.00	12.00	11.86	1.03	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	-	Ant 1	MC50	99.50	1.01	14.00	13.86	1.03	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	-	Ant 2	MC50	99.63	1.00	11.00	10.62	1.09	-0.06	1.23	1.341	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	-	Ant 1+2	MC50	99.63	1.00	13.00	12.61	1.09	0.03	1.24	1.290	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	0	155	-	Ant 1	MC50	99.50	1.01	14.00	13.86	1.03	0.08	1.25	1.250	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	-	Ant 1	MC50	99.50	1.01	13.00	12.40	1.15	-0.01	1.18	1.371	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	-	Ant 2	MC50	99.63	1.00	11.00	10.99	1.00	0.03	1.12	1.120	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	-	Ant 1+2	MC50	99.62	1.00	12.00	11.98	1.00	0.04	0.779	0.779	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Back of Panel	25	163	-	Ant 1	MC50	99.50	1.01	13.00	12.40	1.15	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	-
5	WLAN5.9G	802.11ac VHT160	Back of Panel	25	163	-	Ant 2	MC50	99.63	1.00	11.00	10.99	1.00	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Back of Panel	25	163	-	Ant 1+2	MC50	99.62	1.00	12.00	11.98	1.00	0	<0.001	0.00	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	-	Ant 1	MC50	99.50	1.01	13.00	12.34	1.16	0.06	1.15	1.347	-	-	-	-	-	-	-	-	-	-	-	-
	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	0	163	-	Ant 2	MC50	99.50	1.01	13.00	12.40	1.15	0.05	1.16	1.347	-	-	-	-	-	-	-	-	-	-	-	-

Appendix G. SAR Measurement Variability

SAR repeated measurement are shown as below.

Repeated SAR							
Plot	Band	Mode	Test Position	Ch.	Original Measured SAR-1g (W/kg)	1st Repeated SAR-1g (W/kg)	L/S Ratio
R01	WLAN2.4G	802.11b	Bottom of Laptop	12	0.929	0.893	1.04
R02	WLAN5.3G	802.11ac VHT160	Bottom of Laptop	50	1.3	1.25	1.04
R03	WLAN5.6G	802.11ac VHT160	Bottom of Laptop	114	1.29	1.25	1.03
R04	WLAN5.8G	802.11ac VHT80	Bottom of Laptop	155	1.3	1.24	1.05
R05	WLAN5.9G	802.11ac VHT160	Bottom of Laptop	163	1.18	1.16	1.02
R07	UNII-8	802.11ax HE160	Bottom of Laptop	207	0.983	0.96	1.02

Appendix H. Analysis of Simultaneous Transmission.

The analysis of simultaneous transmission SAR are shown as below.

<Possibilities of Simultaneous Transmission>

The simultaneous transmission possibilities for this device are listed as below.

Simultaneous TX Combination	Capable Transmit Configurations	Body/ Bystander Exposure Condition
A	WLAN 2.4G_Ant 2 + BT_Ant 1	Yes
B	WLAN 2.4G_Ant 1 + BT_Ant 1	Yes
C	WLAN 2.4G_Ant 1+2 + BT_Ant 1	Yes
D	WLAN 5G_Ant 2 + BT_Ant 1	Yes
E	WLAN 5G_Ant 1 + BT_Ant 1	Yes
F	WLAN 5G_Ant 1+2 + BT_Ant 1	Yes
G	WLAN 6G_Ant 2 + BT_Ant 1	Yes
H	WLAN 6G_Ant 1 + BT_Ant 1	Yes
I	WLAN 6G_Ant 1+2 + BT_Ant 1	Yes

Notes

1. The WLAN 2.4G and WLAN 5G and WLAN 6G cannot transmit simultaneously.



Simultaneous Transmission SAR Evaluation (Body)

Position	1	2	3	3b	4	A · B · C(1+4)	D · E · F(2+4)	G · H · I(3+4)	Total Exposure Ratio
	Max WLAN 2.4GHz	Max WLAN 5GHz	Max WLAN 6GHz	Max WLAN 6GHz	Max BT Ant 1	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	Summing result 1g SAR W/kg	
	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	4cm ² W/m ²	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	1g SAR W/kg	
Bottom of Laptop	0.929	1.371	0.993	3.698	0.194	1.123	1.565	1.187	0.491
Back of Panel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Top Side of Panel			0.00			0.00	0.00	0.00	0.00
Left Side of Panel			0.00			0.00	0.00	0.00	0.00
Right Side of Panel			0.00			0.00	0.00	0.00	0.00

Appendix J. Calibration of Test Equipment List

Calibration of Test Equipment List are shown as below.

Equipment for SAR Test

Equipment	Manufacturer	Model	SN	Cal. Date	Cal. Interval
System Validation Dipole	SPEAG	D2450V2	737	2025/2/12	1 Year
System Validation Dipole	SPEAG	D5GHzV2	1019	2025/2/11	1 Year
System Validation Dipole	SPEAG	D6.5GHzV2	1008	2025/9/10	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	2025/1/14	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7736	2025/2/17	1 Year
E-Field Probe	SPEAG	EUmmWV4	9615	2025/5/14	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1431	2025/7/11	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1589	2025/4/17	1 Year
Analong Signal Generator	R&S	SMA100B	104417	2025/10/20	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	2025/6/11	1 Year
Universal Wireless Test Set	Anritsu	MT8870A	6262296569	2025/8/5	1 Year
Thermometer	YFE	YF-160A	120702365	2025/9/10	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	2025/5/19	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	2025/5/19	1 Year
Powersource1	SPEAG	SE_UMS_160 BA	1052	2025/7/8	1 Year

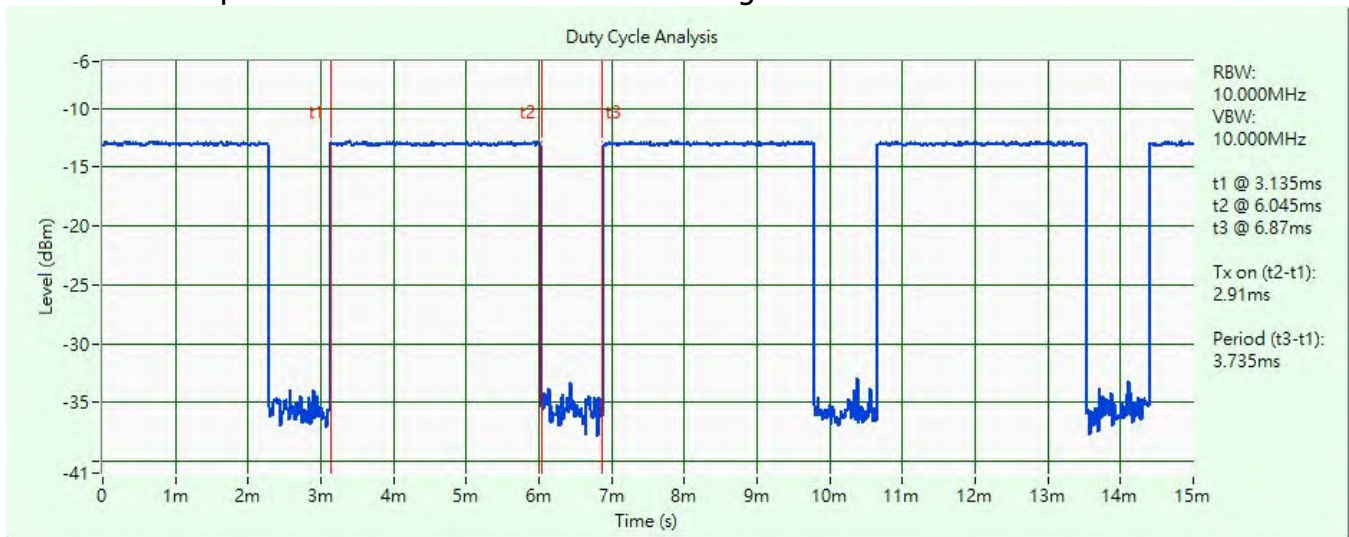
Appendix K. Considerations Related to Bluetooth for Setup and Testing

This device has installed Bluetooth engineering testing software which can provide continuous transmitting RF signal. During Bluetooth SAR testing, this device was operated to transmit continuously at the maximum transmission duty with specified transmission mode, operating frequency, lowest data rate, and maximum output power.

The Bluetooth call box has been used during SAR measurement and the EUT was set to DH5 mode at the maximum output power. Its duty factor was calculated as below and the measured SAR for Bluetooth would be scaled to the 100% transmission duty factor to determine compliance.

The duty factor of Bluetooth signal are shown as below.

<Time-domain plot for Bluetooth Ant 1 transmission signal>



Time-domain plot for Bluetooth Ant 1 transmission signal

The duty factor of Bluetooth Ant 1 signal has been calculated as following.

$$\text{Duty Factor} = \text{Pulse Width} / \text{Total Period} = (6.045 - 3.135) / (6.87 - 3.135) = 77.91\%$$