

Appendix A. Plots of System Verification

The plots for system verification are shown as follows.

Plots of System Verification

Measurement Report
S01 System Check_H6500_250307
Device under Test Properties

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

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	5.56	6.10	35.2

Hardware Setup

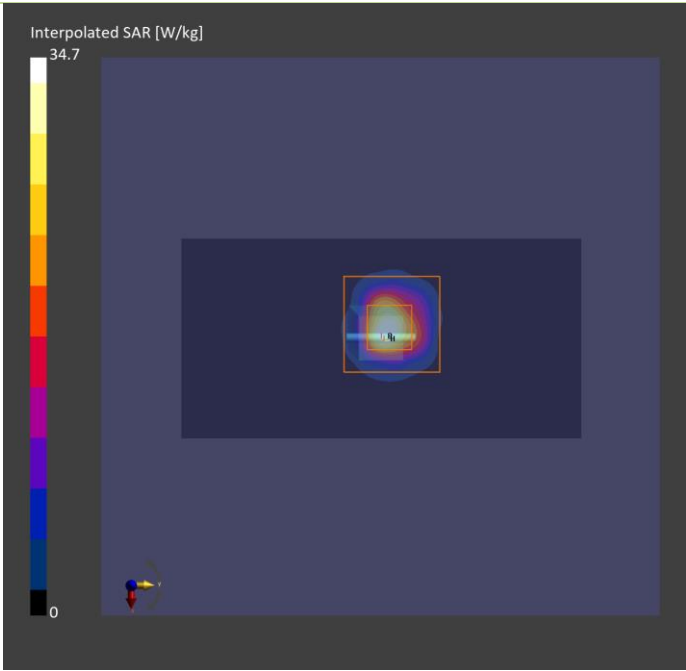
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H60T72N6 , 2025-03-07	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1277, 2024-05-14

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	2025-03-07	2025-03-07
psSAR1g [W/kg]	23.1	29.0
psSAR10g [W/kg]	5.00	5.44
psAPD (1.0cm2, sq) [W/m2]		290
psAPD (4.0cm2, sq) [W/m2]		133
Power Drift [dB]	0.03	0.01



Plots of System Verification

Measurement Report S01_PD_System Check_10 GHz_250307 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	Dipole

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

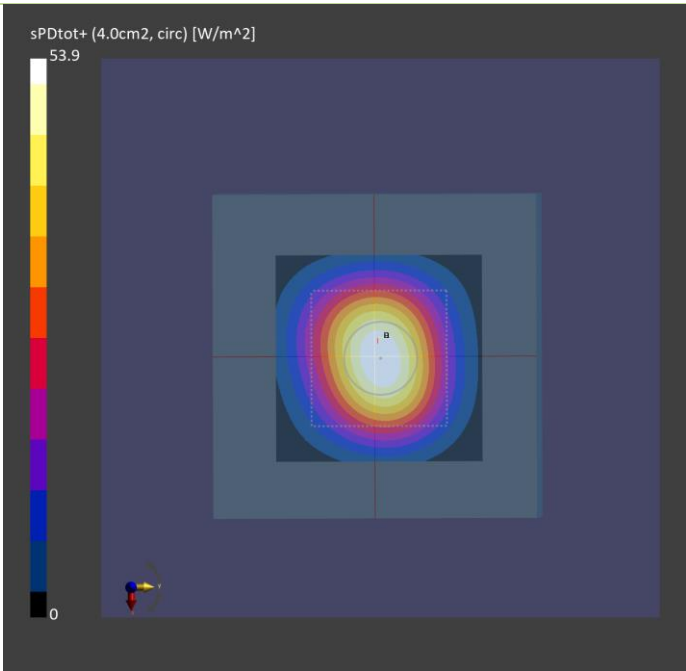
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

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	2025-03-07
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	53.7
psPDtot+ [W/m ²]	53.9
psPDmod+ [W/m ²]	54.1
E _{max} [V/m]	149
Power Drift [dB]	-0.04



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 UNII-5_802.11ax HE160_Front Face_5mm_Ch79_PIFA_Ant 1

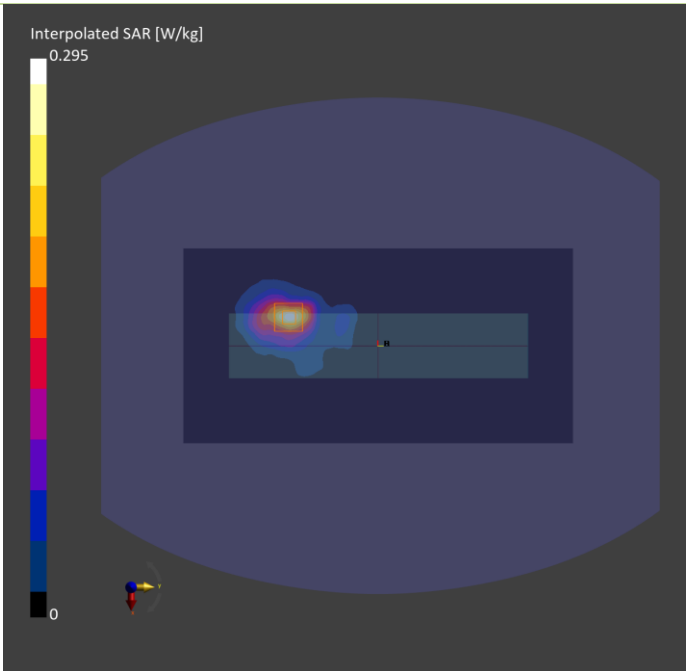
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
RTL8922AE	230.0 x 50.0 x 80.0		Module

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,	Front Face, 5.00	U-NII-5	WLAN, 10755-AAC	6345.000, 79	5.56	5.92	35.5

Hardware Setup			
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2105	H60T72N6 , 2025-03-07	EX3DV4 - SN7554, 2024-09-17	DAE4 Sn1277, 2024-05-14

Scan Setup			Measurement Results		
	Area Scan	Zoom Scan		Area Scan	Zoom Scan
Grid Extents [mm]	150.0 x 300.0	22.0 x 22.0 x 22.0	Date	2025-03-07	2025-03-07
Grid Steps [mm]	7.5 x 7.5	3.4 x 3.4 x 1.4	psSAR1g [W/kg]	0.221	0.238
Sensor Surface [mm]	3.0	1.4	psSAR10g [W/kg]	0.082	0.105
			psAPD (1.0cm2, sq) [W/m2]		2.41
			psAPD (4.0cm2, sq) [W/m2]		2.10
			Power Drift [dB]	-0.15	0.12
			M2/M1 [%]		50.2
			Dist 3dB Peak [mm]		8.5



Plots of Measurement

Measurement Report
P01 UNII-5_802.11ax HE160_Front Face_5mm_Ch79_PIFA_Ant 1
Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
RTL8922AE	230.0 x 50.0 x 80.0		Module

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	FRONT, 5.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

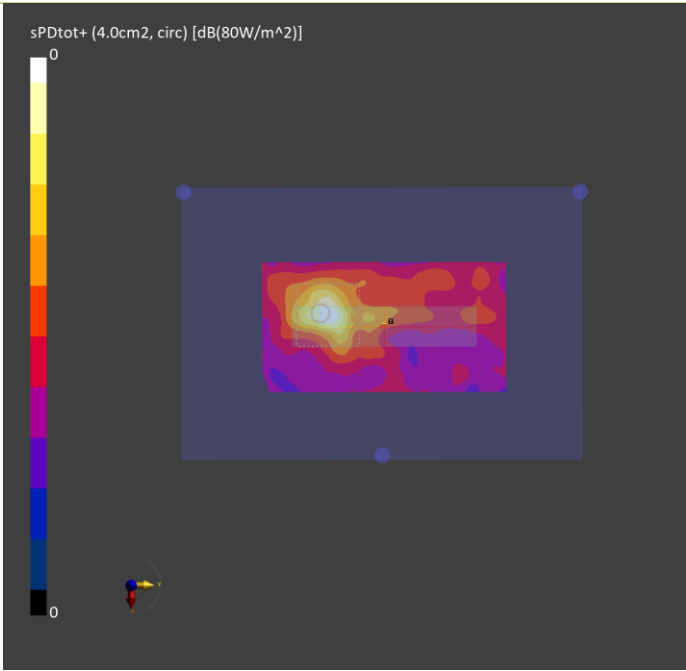
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 1029	---Air	EUmmWV4 - SN9438_F1-55GHz, 2024-07-19	DAE4 Sn1277, 2024-05-14

Scan Setup

	5G Scan
Grid Extents [mm]	95.0 x 95.0
Grid Steps [lambda]	0.0529 x 0.0529
Sensor Surface [mm]	5.0

Measurement Results

	5G Scan
Date	2025-03-07
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	3.09
psPDtot+ [W/m²]	4.60
psPDmod+ [W/m²]	5.93
E _{max} [V/m]	80.0
Power Drift [dB]	0.07



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 ± 10 % of the target values. Liquid temperature during the SAR testing has kept within ± 2 °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										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)	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)
S01	6500	21.7	6.1	35.2	6.07	34.5	0.49	2.03	Mar. 07, 2025	6500	303.00	29	290.00	-4.29	1008	7554	1277	20



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 [%]
S01	Mar. 07, 2025	10	9438	1025	4	10.0	56.2	53.9	-4.09%

Appendix D. Maximum Target Conducted Power

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

Tune-up Power (VLP)							
UNII-5							
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	1	5955	3.0	3.0	-4.0	-4.0	-1.0
	5	5975	3.0	3.0	-4.0	-4.0	-1.0
	9	5995	3.0	3.0	-4.0	-4.0	-1.0
	13	6015	3.0	3.0	-4.0	-4.0	-1.0
	17	6035	3.0	3.0	-4.0	-4.0	-1.0
	21	6055	3.0	3.0	-4.0	-4.0	-1.0
	25	6075	3.0	3.0	-4.0	-4.0	-1.0
	29	6095	3.0	3.0	-4.0	-4.0	-1.0
	33	6115	3.0	3.0	-4.0	-4.0	-1.0
	37	6135	3.0	3.0	-4.0	-4.0	-1.0
	41	6155	3.0	3.0	-4.0	-4.0	-1.0
	45	6175	3.0	3.0	-4.0	-4.0	-1.0
	49	6195	3.0	3.0	-4.0	-4.0	-1.0
	53	6215	3.0	3.0	-4.0	-4.0	-1.0
	57	6235	3.0	3.0	-4.0	-4.0	-1.0
	61	6255	3.0	3.0	-4.0	-4.0	-1.0
	65	6275	3.0	3.0	-4.0	-4.0	-1.0
	69	6295	3.0	3.0	-4.0	-4.0	-1.0
	73	6315	3.0	3.0	-4.0	-4.0	-1.0
	77	6335	3.0	3.0	-4.0	-4.0	-1.0
	81	6355	3.0	3.0	-4.0	-4.0	-1.0
	85	6375	3.0	3.0	-4.0	-4.0	-1.0
	89	6395	3.0	3.0	-4.0	-4.0	-1.0
	93	6415	3.0	3.0	-4.0	-4.0	-1.0
802.11ax HE20	1	5955	4.0	4.0	1.0	1.0	4.0
	5	5975	4.0	4.0	1.0	1.0	4.0
	9	5995	4.0	4.0	1.0	1.0	4.0
	13	6015	4.0	4.0	1.0	1.0	4.0
	17	6035	4.0	4.0	1.0	1.0	4.0
	21	6055	4.0	4.0	1.0	1.0	4.0
	25	6075	4.0	4.0	1.0	1.0	4.0
	29	6095	4.0	4.0	1.0	1.0	4.0
	33	6115	4.0	4.0	1.0	1.0	4.0
	37	6135	4.0	4.0	1.0	1.0	4.0
	41	6155	4.0	4.0	1.0	1.0	4.0
	45	6175	4.0	4.0	1.0	1.0	4.0
	49	6195	4.0	4.0	1.0	1.0	4.0
	53	6215	4.0	4.0	1.0	1.0	4.0
	57	6235	4.0	4.0	1.0	1.0	4.0
	61	6255	4.0	4.0	1.0	1.0	4.0
	65	6275	4.0	4.0	1.0	1.0	4.0
	69	6295	4.0	4.0	1.0	1.0	4.0
	73	6315	4.0	4.0	1.0	1.0	4.0
	77	6335	4.0	4.0	1.0	1.0	4.0
	81	6355	4.0	4.0	1.0	1.0	4.0
	85	6375	4.0	4.0	1.0	1.0	4.0
	89	6395	4.0	4.0	1.0	1.0	4.0
	93	6415	4.0	4.0	1.0	1.0	4.0

Tune-up Power (VLP)							
802.11ax HE40	3	5965	7.0	7.0	4.0	4.0	7.0
	11	6005	7.0	7.0	4.0	4.0	7.0
	19	6045	7.0	7.0	4.0	4.0	7.0
	27	6085	7.0	7.0	4.0	4.0	7.0
	35	6125	7.0	7.0	4.0	4.0	7.0
	43	6165	7.0	7.0	4.0	4.0	7.0
	51	6205	7.0	7.0	4.0	4.0	7.0
	59	6245	7.0	7.0	4.0	4.0	7.0
	67	6285	7.0	7.0	4.0	4.0	7.0
	75	6325	7.0	7.0	4.0	4.0	7.0
	83	6365	7.0	7.0	4.0	4.0	7.0
	91	6405	7.0	7.0	4.0	4.0	7.0
802.11ax HE80	7	5985	9.0	9.0	6.0	6.0	9.0
	23	6065	9.0	9.0	6.0	6.0	9.0
	39	6145	9.0	9.0	6.0	6.0	9.0
	55	6225	9.0	9.0	6.0	6.0	9.0
	71	6305	9.0	9.0	6.0	6.0	9.0
	87	6385	9.0	9.0	6.0	6.0	9.0
802.11ax HE160	15	6025	9.0	9.0	6.0	6.0	9.0
	47	6185	9.0	9.0	6.0	6.0	9.0
	79	6345	9.0	9.0	6.0	6.0	9.0

Tune-up Power (VLP)							
UNII-5							
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
802.11be EHT20	1	5955	4.0	4.0	1.0	1.0	4.0
	5	5975	4.0	4.0	1.0	1.0	4.0
	9	5995	4.0	4.0	1.0	1.0	4.0
	13	6015	4.0	4.0	1.0	1.0	4.0
	17	6035	4.0	4.0	1.0	1.0	4.0
	21	6055	4.0	4.0	1.0	1.0	4.0
	25	6075	4.0	4.0	1.0	1.0	4.0
	29	6095	4.0	4.0	1.0	1.0	4.0
	33	6115	4.0	4.0	1.0	1.0	4.0
	37	6135	4.0	4.0	1.0	1.0	4.0
	41	6155	4.0	4.0	1.0	1.0	4.0
	45	6175	4.0	4.0	1.0	1.0	4.0
	49	6195	4.0	4.0	1.0	1.0	4.0
	53	6215	4.0	4.0	1.0	1.0	4.0
	57	6235	4.0	4.0	1.0	1.0	4.0
	61	6255	4.0	4.0	1.0	1.0	4.0
	65	6275	4.0	4.0	1.0	1.0	4.0
	69	6295	4.0	4.0	1.0	1.0	4.0
	73	6315	4.0	4.0	1.0	1.0	4.0
	77	6335	4.0	4.0	1.0	1.0	4.0
	81	6355	4.0	4.0	1.0	1.0	4.0
	85	6375	4.0	4.0	1.0	1.0	4.0
	89	6395	4.0	4.0	1.0	1.0	4.0
	93	6415	4.0	4.0	1.0	1.0	4.0
802.11be EHT40	3	5965	7.0	7.0	4.0	4.0	7.0
	11	6005	7.0	7.0	4.0	4.0	7.0
	19	6045	7.0	7.0	4.0	4.0	7.0
	27	6085	7.0	7.0	4.0	4.0	7.0
	35	6125	7.0	7.0	4.0	4.0	7.0
	43	6165	7.0	7.0	4.0	4.0	7.0
	51	6205	7.0	7.0	4.0	4.0	7.0
	59	6245	7.0	7.0	4.0	4.0	7.0
	67	6285	7.0	7.0	4.0	4.0	7.0
	75	6325	7.0	7.0	4.0	4.0	7.0
802.11be EHT80	83	6365	7.0	7.0	4.0	4.0	7.0
	91	6405	7.0	7.0	4.0	4.0	7.0
	7	5985	9.0	9.0	6.0	6.0	9.0
	23	6065	9.0	9.0	6.0	6.0	9.0
	39	6145	9.0	9.0	6.0	6.0	9.0
	55	6225	9.0	9.0	6.0	6.0	9.0
802.11be EHT160	71	6305	9.0	9.0	6.0	6.0	9.0
	87	6385	9.0	9.0	6.0	6.0	9.0
	15	6025	9.0	9.0	6.0	6.0	9.0
	47	6185	9.0	9.0	6.0	6.0	9.0
	79	6345	9.0	9.0	6.0	6.0	9.0

Tune-up Power (VLP)							
UNII-7							
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	117	6535	3.5	3.5	0.5	-4.0	-1.0
	121	6555	3.5	3.5	-4.0	-4.0	-1.0
	125	6575	3.5	3.5	-4.0	-4.0	-1.0
	129	6595	3.5	3.5	-4.0	-4.0	-1.0
	133	6615	3.5	3.5	-4.0	-4.0	-1.0
	137	6635	3.5	3.5	-4.0	-4.0	-1.0
	141	6655	3.5	3.5	-4.0	-4.0	-1.0
	145	6675	3.5	3.5	-4.0	-4.0	-1.0
	149	6695	3.5	3.5	-4.0	-4.0	-1.0
	153	6715	3.5	3.5	-4.0	-4.0	-1.0
	157	6735	3.5	3.5	-4.0	-4.0	-1.0
	161	6755	3.5	3.5	-4.0	-4.0	-1.0
	165	6775	3.5	3.5	-4.0	-4.0	-1.0
	169	6795	3.5	3.5	-4.0	-4.0	-1.0
	173	6815	3.5	3.5	-4.0	-4.0	-1.0
	177	6835	3.5	3.5	-4.0	-4.0	-1.0
	181	6855	3.5	3.5	-4.0	-4.0	-1.0
802.11ax HE20	117	6535	4.0	4.0	0.5	0.5	3.5
	121	6555	4.0	4.0	0.5	0.5	3.5
	125	6575	4.0	4.0	0.5	0.5	3.5
	129	6595	4.0	4.0	0.5	0.5	3.5
	133	6615	4.0	4.0	0.5	0.5	3.5
	137	6635	4.0	4.0	0.5	0.5	3.5
	141	6655	4.0	4.0	0.5	0.5	3.5
	145	6675	4.0	4.0	0.5	0.5	3.5
	149	6695	4.0	4.0	0.5	0.5	3.5
	153	6715	4.0	4.0	0.5	0.5	3.5
	157	6735	4.0	4.0	0.5	0.5	3.5
	161	6755	4.0	4.0	0.5	0.5	3.5
	165	6775	4.0	4.0	0.5	0.5	3.5
	169	6795	4.0	4.0	0.5	0.5	3.5
	173	6815	4.0	4.0	0.5	0.5	3.5
	177	6835	4.0	4.0	0.5	0.5	3.5
	181	6855	4.0	4.0	0.5	0.5	3.5
802.11ax HE40	123	6565	7.0	7.0	4.0	4.0	7.0
	131	6605	7.0	7.0	4.0	4.0	7.0
	139	6645	7.0	7.0	4.0	4.0	7.0
	147	6685	7.0	7.0	4.0	4.0	7.0
	155	6725	7.0	7.0	4.0	4.0	7.0
	163	6765	7.0	7.0	4.0	4.0	7.0
	171	6805	7.0	7.0	4.0	4.0	7.0
	179	6845	7.0	7.0	4.0	4.0	7.0
802.11ax HE80	187	6885	7.0	7.0	4.0	4.0	7.0
	135	6625	9.0	9.0	6.0	6.0	9.0
	151	6705	9.0	9.0	6.0	6.0	9.0
	167	6785	9.0	9.0	6.0	6.0	9.0
802.11ax HE160	183	6865	9.0	9.0	6.0	6.0	9.0
	143	6665	9.0	9.0	6.0	6.0	9.0
	175	6825	9.0	9.0	6.0	6.0	9.0

Tune-up Power (VLP)							
UNII-7							
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
802.11be EHT20	117	6535	4.0	4.0	0.5	0.5	3.5
	121	6555	4.0	4.0	0.5	0.5	3.5
	125	6575	4.0	4.0	0.5	0.5	3.5
	129	6595	4.0	4.0	0.5	0.5	3.5
	133	6615	4.0	4.0	0.5	0.5	3.5
	137	6635	4.0	4.0	0.5	0.5	3.5
	141	6655	4.0	4.0	0.5	0.5	3.5
	145	6675	4.0	4.0	0.5	0.5	3.5
	149	6695	4.0	4.0	0.5	0.5	3.5
	153	6715	4.0	4.0	0.5	0.5	3.5
	157	6735	4.0	4.0	0.5	0.5	3.5
	161	6755	4.0	4.0	0.5	0.5	3.5
	165	6775	4.0	4.0	0.5	0.5	3.5
	169	6795	4.0	4.0	0.5	0.5	3.5
	173	6815	4.0	4.0	0.5	0.5	3.5
	177	6835	4.0	4.0	0.5	0.5	3.5
	181	6855	4.0	4.0	0.5	0.5	3.5
802.11be EHT40	123	6565	7.0	7.0	4.0	4.0	7.0
	131	6605	7.0	7.0	4.0	4.0	7.0
	139	6645	7.0	7.0	4.0	4.0	7.0
	147	6685	7.0	7.0	4.0	4.0	7.0
	155	6725	7.0	7.0	4.0	4.0	7.0
	163	6765	7.0	7.0	4.0	4.0	7.0
	171	6805	7.0	7.0	4.0	4.0	7.0
	179	6845	7.0	7.0	4.0	4.0	7.0
802.11be EHT80	187	6885	7.0	7.0	4.0	4.0	7.0
	135	6625	9.0	9.0	6.0	6.0	9.0
	151	6705	9.0	9.0	6.0	6.0	9.0
	167	6785	9.0	9.0	6.0	6.0	9.0
802.11be EHT160	183	6865	9.0	9.0	6.0	6.0	9.0
	143	6665	9.0	9.0	6.0	6.0	9.0
	175	6825	9.0	9.0	6.0	6.0	9.0

Appendix E. Measured Conducted Power Result

Test setup



Test Procedure

Average Power :

Average Power was used to perform output power measurement, trigger and gating function of Band Power is enable to measure averaged output power.

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

Conducted Power (VLP)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	1	5955	2.93
	5	5975	2.87
	9	5995	2.76
	13	6015	2.87
	17	6035	2.77
	21	6055	2.76
	25	6075	2.75
	29	6095	2.81
	33	6115	2.81
	37	6135	2.86
	41	6155	2.86
	45	6175	2.74
	49	6195	2.83
	53	6215	2.82
	57	6235	2.82
	61	6255	2.77
	65	6275	2.84
	69	6295	2.76
	73	6315	2.75
	77	6335	2.76
	81	6355	2.87
	85	6375	2.84
	89	6395	2.82
	93	6415	2.8
802.11ax HE20	1	5955	2.83
	5	5975	2.78
	9	5995	2.76
	13	6015	2.87
	17	6035	2.81
	21	6055	2.83
	25	6075	2.76
	29	6095	2.87
	33	6115	2.73
	37	6135	2.81
	41	6155	2.83
	45	6175	2.81
	49	6195	2.8
	53	6215	2.75
	57	6235	2.81
	61	6255	2.83
	65	6275	2.75
	69	6295	2.72
	73	6315	2.73
	77	6335	2.86
	81	6355	2.83
	85	6375	2.83
	89	6395	2.82
	93	6415	2.76

Conducted Power (VLP)			
802.11ax HE40	3	5965	5.84
	11	6005	5.87
	19	6045	5.74
	27	6085	5.81
	35	6125	5.72
	43	6165	5.86
	51	6205	5.81
	59	6245	5.79
	67	6285	5.72
	75	6325	5.75
	83	6365	5.87
	91	6405	5.74
802.11ax HE80	7	5985	7.76
	23	6065	7.78
	39	6145	7.79
	55	6225	7.83
	71	6305	7.84
	87	6385	7.83
802.11ax HE160	15	6025	8.76
	47	6185	8.91
	79	6345	8.83

Conducted Power (VLP)			
UNII-5 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11be EHT20	1	5955	2.86
	5	5975	2.81
	9	5995	2.79
	13	6015	2.9
	17	6035	2.84
	21	6055	2.86
	25	6075	2.79
	29	6095	2.9
	33	6115	2.76
	37	6135	2.84
	41	6155	2.86
	45	6175	2.84
	49	6195	2.83
	53	6215	2.78
	57	6235	2.84
	61	6255	2.86
	65	6275	2.78
	69	6295	2.75
	73	6315	2.76
	77	6335	2.89
	81	6355	2.86
	85	6375	2.86
	89	6395	2.85
	93	6415	2.79
802.11be EHT40	3	5965	5.87
	11	6005	5.9
	19	6045	5.77
	27	6085	5.84
	35	6125	5.75
	43	6165	5.89
	51	6205	5.84
	59	6245	5.82
	67	6285	5.75
	75	6325	5.78
	83	6365	5.9
	91	6405	5.77
802.11be EHT80	7	5985	7.79
	23	6065	7.81
	39	6145	7.82
	55	6225	7.86
	71	6305	7.87
	87	6385	7.86
802.11be EHT160	15	6025	8.79
	47	6185	8.94
	79	6345	8.86

Conducted Power (VLP)			
UNII-5 Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	1	5955	2.96
	5	5975	2.9
	9	5995	2.79
	13	6015	2.9
	17	6035	2.8
	21	6055	2.79
	25	6075	2.78
	29	6095	2.84
	33	6115	2.84
	37	6135	2.89
	41	6155	2.89
	45	6175	2.77
	49	6195	2.86
	53	6215	2.85
	57	6235	2.85
	61	6255	2.8
	65	6275	2.87
	69	6295	2.79
	73	6315	2.78
	77	6335	2.79
	81	6355	2.9
	85	6375	2.87
	89	6395	2.85
	93	6415	2.83
802.11ax HE20	1	5955	2.86
	5	5975	2.81
	9	5995	2.79
	13	6015	2.9
	17	6035	2.84
	21	6055	2.86
	25	6075	2.79
	29	6095	2.9
	33	6115	2.76
	37	6135	2.84
	41	6155	2.86
	45	6175	2.84
	49	6195	2.83
	53	6215	2.78
	57	6235	2.84
	61	6255	2.86
	65	6275	2.78
	69	6295	2.75
	73	6315	2.76
	77	6335	2.89
	81	6355	2.86
	85	6375	2.86
	89	6395	2.85
	93	6415	2.79

Conducted Power (VLP)			
802.11ax HE40	3	5965	6.8
	11	6005	5.88
	19	6045	5.91
	27	6085	5.78
	35	6125	5.85
	43	6165	5.76
	51	6205	6.31
	59	6245	5.85
	67	6285	5.83
	75	6325	5.76
	83	6365	5.79
	91	6405	6.32
802.11ax HE80	7	5985	8.78
	23	6065	7.8
	39	6145	7.82
	55	6225	8.83
	71	6305	7.87
	87	6385	8.87
802.11ax HE160	15	6025	8.79
	47	6185	8.95
	79	6345	8.87

Conducted Power (VLP)			
UNII-5 Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11be EHT20	1	5955	3.56
	5	5975	2.89
	9	5995	2.84
	13	6015	2.82
	17	6035	2.93
	21	6055	2.87
	25	6075	2.89
	29	6095	2.82
	33	6115	2.93
	37	6135	2.79
	41	6155	2.87
	45	6175	2.89
	49	6195	3.41
	53	6215	2.86
	57	6235	2.81
	61	6255	2.87
	65	6275	2.89
	69	6295	2.81
	73	6315	2.78
	77	6335	2.79
	81	6355	2.92
	85	6375	2.89
	89	6395	2.89
	93	6415	3.21
802.11be EHT40	3	5965	6.82
	11	6005	5.9
	19	6045	5.93
	27	6085	5.8
	35	6125	5.87
	43	6165	5.78
	51	6205	6.33
	59	6245	5.87
	67	6285	5.85
	75	6325	5.78
	83	6365	5.81
	91	6405	6.34
802.11be EHT80	7	5985	8.8
	23	6065	7.82
	39	6145	7.84
	55	6225	8.85
	71	6305	7.89
	87	6385	8.89
802.11be EHT160	15	6025	8.81
	47	6185	8.97
	79	6345	8.89

Conducted Power (VLP)					
UNII-5 Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	1	5955	-4.33	-4	-1.15
	5	5975	-4.73	-4.51	-1.61
	9	5995	-4.59	-4.53	-1.55
	13	6015	-4.52	-4.75	-1.62
	17	6035	-4.52	-4.62	-1.56
	21	6055	-4.59	-4.62	-1.59
	25	6075	-4.75	-4.56	-1.64
	29	6095	-4.63	-4.53	-1.57
	33	6115	-4.56	-4.56	-1.55
	37	6135	-4.53	-4.57	-1.54
	41	6155	-4.73	-4.61	-1.66
	45	6175	-4.58	-4.67	-1.61
	49	6195	-4.36	-4.52	-1.43
	53	6215	-4.51	-4.74	-1.61
	57	6235	-4.69	-4.63	-1.65
	61	6255	-4.7	-4.72	-1.7
	65	6275	-4.51	-4.69	-1.59
	69	6295	-4.65	-4.66	-1.64
	73	6315	-4.54	-4.62	-1.57
	77	6335	-4.54	-4.62	-1.57
	81	6355	-4.74	-4.52	-1.62
	85	6375	-4.68	-4.61	-1.63
	89	6395	-4.63	-4.61	-1.61
	93	6415	-4.46	-4.52	-1.48
802.11ax HE20	1	5955	0.53	0.42	3.49
	5	5975	-0.13	-0.13	2.88
	9	5995	-0.18	-0.27	2.79
	13	6015	-0.26	-0.27	2.75
	17	6035	-0.21	-0.21	2.8
	21	6055	-0.2	-0.22	2.8
	25	6075	-0.06	-0.19	2.89
	29	6095	-0.22	-0.04	2.88
	33	6115	-0.21	-0.05	2.88
	37	6135	-0.17	-0.13	2.86
	41	6155	-0.27	-0.09	2.83
	45	6175	-0.23	-0.21	2.79
	49	6195	0.36	0.17	3.28
	53	6215	-0.27	-0.07	2.84
	57	6235	-0.21	-0.2	2.81
	61	6255	-0.21	-0.13	2.84
	65	6275	-0.15	-0.15	2.86
	69	6295	-0.18	-0.13	2.86
	73	6315	-0.22	-0.13	2.84
	77	6335	-0.22	-0.14	2.83
	81	6355	-0.05	-0.2	2.89
	85	6375	-0.21	-0.07	2.87
	89	6395	-0.15	-0.28	2.8
	93	6415	0.16	0.07	3.13

Conducted Power (VLP)					
802.11ax HE40	3	5965	3.6	3.74	6.68
	11	6005	2.98	2.78	5.89
	19	6045	2.98	2.85	5.93
	27	6085	2.81	2.92	5.88
	35	6125	2.9	2.92	5.92
	43	6165	2.92	2.72	5.83
	51	6205	3.7	3.57	6.65
	59	6245	2.74	2.83	5.8
	67	6285	2.84	2.83	5.85
	75	6325	2.82	2.84	5.84
	83	6365	2.94	2.87	5.92
	91	6405	3.12	3.29	6.22
802.11ax HE80	7	5985	5.87	5.87	8.88
	23	6065	4.92	4.85	7.9
	39	6145	4.88	4.79	7.85
	55	6225	5.92	5.75	8.85
	71	6305	4.82	4.83	7.84
	87	6385	5.97	5.85	8.92
802.11ax HE160	15	6025	6.02	5.84	8.94
	47	6185	5.89	5.76	8.84
	79	6345	5.95	5.76	8.87

Conducted Power (VLP)					
UNII-5 Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11be EHT20	1	5955	0.55	0.45	3.51
	5	5975	-0.11	-0.1	2.91
	9	5995	-0.16	-0.24	2.81
	13	6015	-0.24	-0.24	2.77
	17	6035	-0.19	-0.18	2.83
	21	6055	-0.18	-0.19	2.83
	25	6075	-0.04	-0.16	2.91
	29	6095	-0.2	-0.01	2.91
	33	6115	-0.19	-0.02	2.91
	37	6135	-0.15	-0.1	2.89
	41	6155	-0.25	-0.06	2.86
	45	6175	-0.21	-0.18	2.82
	49	6195	0.38	0.2	3.3
	53	6215	-0.25	-0.04	2.87
	57	6235	-0.19	-0.17	2.83
	61	6255	-0.19	-0.1	2.87
	65	6275	-0.13	-0.12	2.89
	69	6295	-0.16	-0.1	2.88
	73	6315	-0.2	-0.1	2.86
	77	6335	-0.2	-0.11	2.86
	81	6355	-0.03	-0.17	2.91
	85	6375	-0.19	-0.04	2.9
	89	6395	-0.13	-0.25	2.82
	93	6415	0.18	0.1	3.15
802.11be EHT40	3	5965	3.62	3.77	6.71
	11	6005	3	2.81	5.92
	19	6045	3	2.88	5.95
	27	6085	2.83	2.95	5.9
	35	6125	2.92	2.95	5.95
	43	6165	2.94	2.75	5.86
	51	6205	3.72	3.6	6.67
	59	6245	2.76	2.86	5.82
	67	6285	2.86	2.86	5.87
	75	6325	2.84	2.87	5.87
	83	6365	2.96	2.9	5.94
	91	6405	3.14	3.32	6.24
802.11be EHT80	7	5985	6.02	5.9	8.97
	23	6065	4.94	4.88	7.92
	39	6145	4.9	4.82	7.87
	55	6225	5.94	5.78	8.87
	71	6305	4.84	4.86	7.86
	87	6385	5.99	5.88	8.95
802.11be EHT160	15	6025	6.04	5.87	8.97
	47	6185	5.91	5.79	8.86
	79	6345	5.97	5.79	8.89

Conducted Power (VLP)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11a	117	6535	2.88
	121	6555	2.38
	125	6575	2.34
	129	6595	2.32
	133	6615	2.33
	137	6635	2.46
	141	6655	2.31
	145	6675	2.41
	149	6695	2.85
	153	6715	2.34
	157	6735	2.43
	161	6755	2.35
	165	6775	2.39
	169	6795	2.36
	173	6815	2.37
	177	6835	2.43
	181	6855	3.2
802.11ax HE20	117	6535	2.95
	121	6555	2.86
	125	6575	2.89
	129	6595	2.87
	133	6615	2.96
	137	6635	2.88
	141	6655	2.89
	145	6675	2.92
	149	6695	2.9
	153	6715	2.94
	157	6735	2.81
	161	6755	2.9
	165	6775	2.87
	169	6795	2.91
	173	6815	2.82
	177	6835	2.85
	181	6855	2.81
802.11ax HE40	123	6565	5.94
	131	6605	5.94
	139	6645	5.84
	147	6685	5.92
	155	6725	5.82
	163	6765	5.94
	171	6805	5.91
	179	6845	5.91
	187	6885	5.95
802.11ax HE80	135	6625	7.93
	151	6705	7.85
	167	6785	7.81
	183	6865	7.9
802.11ax HE160	143	6665	8.73
	175	6825	8.89

Conducted Power (VLP)			
UNII-7 Ant 1			
Mode	Channel	Frequency	SISO Ant 1 Avg. Power
802.11be EHT20	117	6535	3.35
	121	6555	2.91
	125	6575	2.94
	129	6595	2.92
	133	6615	3.01
	137	6635	2.93
	141	6655	2.94
	145	6675	2.97
	149	6695	3.3
	153	6715	2.99
	157	6735	2.86
	161	6755	2.95
	165	6775	2.92
	169	6795	2.96
	173	6815	2.87
	177	6835	2.9
	181	6855	3.7
802.11be EHT40	123	6565	6.45
	131	6605	5.99
	139	6645	5.89
	147	6685	6.47
	155	6725	5.87
	163	6765	5.99
	171	6805	5.96
	179	6845	6.78
	187	6885	6
802.11be EHT80	135	6625	8.74
	151	6705	8.87
	167	6785	8.92
	183	6865	7.95
802.11be EHT160	143	6665	8.87
	175	6825	8.97

Conducted Power (VLP)			
UNII-7 Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11a	117	6535	2.92
	121	6555	2.42
	125	6575	2.38
	129	6595	2.36
	133	6615	2.37
	137	6635	2.50
	141	6655	2.35
	145	6675	2.45
	149	6695	2.89
	153	6715	2.38
	157	6735	2.47
	161	6755	2.39
	165	6775	2.43
	169	6795	2.40
	173	6815	2.41
	177	6835	2.47
802.11ax HE20	181	6855	3.24
	117	6535	2.99
	121	6555	2.90
	125	6575	2.93
	129	6595	2.91
	133	6615	3.00
	137	6635	2.92
	141	6655	2.93
	145	6675	2.96
	149	6695	2.94
	153	6715	2.98
	157	6735	2.85
	161	6755	2.94
	165	6775	2.91
	169	6795	2.95
	173	6815	2.86
802.11ax HE40	177	6835	2.89
	181	6855	2.85
	123	6565	5.98
	131	6605	5.98
	139	6645	5.88
	147	6685	5.96
	155	6725	5.86
	163	6765	5.98
	171	6805	5.95
802.11ax HE80	179	6845	5.95
	187	6885	5.99
	135	6625	7.97
	151	6705	7.89
802.11ax HE160	167	6785	7.85
	183	6865	7.94
	143	6665	8.81
	175	6825	8.96

Conducted Power (VLP)			
UNII-7 Ant 2			
Mode	Channel	Frequency	SISO Ant 2 Avg. Power
802.11be EHT20	117	6535	3.37
	121	6555	2.9
	125	6575	2.96
	129	6595	2.94
	133	6615	3.03
	137	6635	2.95
	141	6655	2.96
	145	6675	2.99
	149	6695	3.32
	153	6715	3.01
	157	6735	2.88
	161	6755	2.97
	165	6775	2.94
	169	6795	2.98
	173	6815	2.89
	177	6835	2.92
	181	6855	3.72
802.11be EHT40	123	6565	6.47
	131	6605	6.01
	139	6645	5.91
	147	6685	6.49
	155	6725	5.89
	163	6765	6.01
	171	6805	5.98
	179	6845	6.8
	187	6885	6.02
802.11be EHT80	135	6625	8.76
	151	6705	8.89
	167	6785	8.94
	183	6865	7.97
802.11be EHT160	143	6665	8.89
	175	6825	8.99

Conducted Power (VLP)					
UNII-7 Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11a	117	6535	-4.43	-4.49	-1.45
	121	6555	-5.1	-5.05	-2.06
	125	6575	-5.11	-5.13	-2.11
	129	6595	-5.07	-5.11	-2.08
	133	6615	-5.11	-5.05	-2.07
	137	6635	-5.04	-5.08	-2.05
	141	6655	-5.1	-5.14	-2.11
	145	6675	-5.12	-5.04	-2.07
	149	6695	-4.6	-4.43	-1.5
	153	6715	-5	-5.02	-2
	157	6735	-5.08	-5.11	-2.08
	161	6755	-5.09	-5.07	-2.07
	165	6775	-5.09	-5.05	-2.06
	169	6795	-5	-5.03	-2
	173	6815	-5.09	-5.03	-2.05
	177	6835	-5.02	-5.07	-2.03
	181	6855	-4.1	-4.18	-1.13
802.11ax HE20	117	6535	-0.52	-0.56	2.47
	121	6555	-0.63	-0.6	2.4
	125	6575	-0.64	-0.63	2.38
	129	6595	-0.51	-0.54	2.49
	133	6615	-0.58	-0.51	2.47
	137	6635	-0.59	-0.53	2.45
	141	6655	-0.54	-0.58	2.45
	145	6675	-0.58	-0.53	2.46
	149	6695	-0.52	-0.51	2.5
	153	6715	-0.52	-0.59	2.46
	157	6735	-0.6	-0.58	2.42
	161	6755	-0.58	-0.61	2.42
	165	6775	-0.62	-0.57	2.42
	169	6795	-0.59	-0.59	2.42
	173	6815	-0.54	-0.53	2.48
	177	6835	-0.5	-0.64	2.44
	181	6855	-0.64	-0.52	2.43
802.11ax HE40	123	6565	2.87	2.87	5.88
	131	6605	2.99	2.9	5.96
	139	6645	2.95	2.95	5.96
	147	6685	2.9	2.95	5.94
	155	6725	2.94	2.9	5.93
	163	6765	2.85	2.86	5.87
	171	6805	2.92	2.93	5.94
	179	6845	2.93	2.86	5.91
	187	6885	2.93	2.95	5.95
802.11ax HE80	135	6625	4.86	4.94	7.91
	151	6705	4.98	4.93	7.97
	167	6785	4.87	4.97	7.93
	183	6865	4.85	4.87	7.87
802.11ax HE160	143	6665	5.95	4.97	8.5
	175	6825	5.95	5.95	8.96

Conducted Power (VLP)					
UNII-7 Ant 1+2					
Mode	Channel	Frequency	MIMO Ant 1 Avg. Power	MIMO Ant 2 Avg. Power	MIMO Ant 1+2 Avg. Power
802.11be EHT20	117	6535	0.47	0.24	3.37
	121	6555	-0.59	-0.56	2.44
	125	6575	-0.6	-0.59	2.42
	129	6595	-0.47	-0.5	2.53
	133	6615	-0.54	-0.47	2.51
	137	6635	-0.55	-0.49	2.49
	141	6655	-0.5	-0.54	2.49
	145	6675	-0.54	-0.49	2.5
	149	6695	0.35	0.15	3.26
	153	6715	-0.48	-0.55	2.5
	157	6735	-0.56	-0.54	2.46
	161	6755	-0.54	-0.57	2.46
	165	6775	-0.58	-0.53	2.46
	169	6795	-0.55	-0.55	2.46
	173	6815	-0.5	-0.49	2.52
	177	6835	-0.46	-0.6	2.48
	181	6855	0.38	0.48	3.44
802.11be EHT40	123	6565	3.28	3.39	6.35
	131	6605	3.03	2.94	6
	139	6645	2.99	2.99	6
	147	6685	2.94	2.99	5.98
	155	6725	2.98	2.94	5.97
	163	6765	2.89	2.9	5.91
	171	6805	2.96	2.97	5.98
	179	6845	3.62	3.79	6.72
	187	6885	2.97	2.99	5.99
802.11be EHT80	135	6625	5.87	5.66	8.78
	151	6705	5.02	4.97	8.01
	167	6785	6.09	5.87	8.99
	183	6865	4.89	4.91	7.91
802.11be EHT160	143	6665	5.85	5.64	8.76
	175	6825	5.99	5.99	9

Appendix F. SAR and Power Density Test Result

SAR Results for Body Exposure Condition.

Note:

1. SAR testing for WLAN was performed on the maximum power mode.
2. The "< 0.001" means there is no SAR value or the SAR is too low to be measured.

SAR and Power Density/APD Test Result																											
System & Position						DUT Configuration		SAR										Power Density									
Plot No.	Band	Mode	Test Position	Separation Distance (mm)	Channel	Antenna Type	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)	Measured APD W/m² (4cm²)	Scaled APD W/m² (4cm²)	Grid Step [λ]	iPD [W/m2]	Scaling Factor for Measurement Uncertainty	Averaging Area [cm2]	Power Drift [dB]	Normal psPD [W/m2]	Scaled Normal psPD [W/m2]	Total psPD [W/m2]	Scaled Total psPD [W/m2]	
	UNII-7	802.11ax HE160	Front Face	5	175	PIFA	Ant 1	100.00	1.00	900	8.89	1.03	-0.16	0.23	0.24	1.99	2.05	0.0569	200.60	1.545	4.00	0.05	2.98	4.6	4.45	7.08	
	UNII-7	802.11ax HE160	Rear Face	5	175	PIFA	Ant 1	100.00	1.00	900	8.89	1.03	0.14	0.074	0.08	0.643	0.66	0.0569	45.89	1.545	4.00	0.13	0.587	0.91	1.03	1.64	
	UNII-7	802.11ax HE160	Left Side	5	175	PIFA	Ant 1	100.00	1.00	900	8.89	1.03	-0.11	0.065	0.07	0.561	0.58	0.0569	40.31	1.545	4.00	0.08	0.516	0.8	0.912	1.45	
	UNII-7	802.11ax HE160	Right Side	5	175	PIFA	Ant 1	100.00	1.00	900	8.89	1.03	0.13	0.035	0.04	0.31	0.32	0.0569	21.70	1.545	4.00	-0.06	0.278	0.43	0.491	0.78	
	UNII-7	802.11ax HE160	Top Side	5	175	PIFA	Ant 1	100.00	1.00	900	8.89	1.03	-0.17	0.22	0.23	1.89	1.95	0.0569	143.87	1.545	4.00	0.14	1.84	2.84	3.25	5.17	
	UNII-7	802.11ax HE160	Bottom Side	5	175	PIFA	Ant 1	100.00	1.00	900	8.89	1.03	0	<0.001	0.00	<0.001	0.00	0.0569	0.00	1.545	4.00	0	0	0	0	0	
	UNII-7	802.11ax HE160	Front Face	5	175	PIFA	Ant 2	100.00	1.00	900	8.96	1.01	0.16	0.2	0.20	1.53	1.55										
	UNII-7	802.11ax HE160	Rear Face	5	175	PIFA	Ant 2	100.00	1.00	900	8.96	1.01	0.02	0.047	0.05	0.363	0.37										
	UNII-7	802.11ax HE160	Left Side	5	175	PIFA	Ant 2	100.00	1.00	900	8.96	1.01	-0.08	0.043	0.04	0.329	0.33										
	UNII-7	802.11ax HE160	Right Side	5	175	PIFA	Ant 2	100.00	1.00	900	8.96	1.01	-0.14	0.022	0.02	0.173	0.17										
	UNII-7	802.11ax HE160	Top Side	5	175	PIFA	Ant 2	100.00	1.00	900	8.96	1.01	-0.09	0.175	0.18	1.34	1.35										
	UNII-7	802.11ax HE160	Bottom Side	5	175	PIFA	Ant 2	100.00	1.00	900	8.96	1.01	0	<0.001	0.00	<0.001	0.00										
	UNII-7	802.11ax HE160	Front Face	5	175	PIFA	Ant 1+2	100.00	1.00	900	8.96	1.01	0.18	0.111	0.11	0.847	0.86										
	UNII-7	802.11ax HE160	Rear Face	5	175	PIFA	Ant 1+2	100.00	1.00	900	8.96	1.01	-0.06	0.04	0.04	0.307	0.31										
	UNII-7	802.11ax HE160	Left Side	5	175	PIFA	Ant 1+2	100.00	1.00	900	8.96	1.01	-0.19	0.037	0.04	0.289	0.29										
	UNII-7	802.11ax HE160	Right Side	5	175	PIFA	Ant 1+2	100.00	1.00	900	8.96	1.01	-0.08	0.021	0.02	0.164	0.17										
	UNII-7	802.11ax HE160	Top Side	5	175	PIFA	Ant 1+2	100.00	1.00	900	8.96	1.01	0.08	0.089	0.09	0.682	0.69										
	UNII-7	802.11ax HE160	Bottom Side	5	175	PIFA	Ant 1+2	100.00	1.00	900	8.96	1.01	0	<0.001	0.00	<0.001	0.00										
	UNII-5	802.11ax HE160	Front Face	5	15	PIFA	Ant 1	100.00	1.00	900	8.76	1.06	-0.16	0.221	0.23	1.95	2.07	0.0502	193.05	1.545	4.00	-0.08	2.88	4.45	4.29	7.03	
	UNII-5	802.11ax HE160	Front Face	5	47	PIFA	Ant 1	100.00	1.00	900	8.91	1.02	0.15	0.214	0.22	1.88	1.92	0.0515	186.26	1.545	4.00	-0.17	2.78	4.3	4.13	6.51	
1	UNII-5	802.11ax HE160	Front Face	5	79	PIFA	Ant 1	100.00	1.00	900	8.83	1.04	0.12	0.238	0.25	2.1	2.18	0.0529	207.00	1.545	4.00	0.07	3.09	4.77	4.6	7.39	
	UNII-7	802.11ax HE160	Front Face	5	143	PIFA	Ant 1	100.00	1.00	900	8.73	1.06	-0.18	0.218	0.23	1.88	1.99										

Appendix H. Analysis of Simultaneous Transmission SAR and Total

Exposure Ratio

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 Exposure Condition
A	Max BT_Ant1 + MAX WLAN	Yes

Simultaneous Transmission SAR Evaluation (Body)					
Position	1	1a	2	A (1+2)	A (1a+2)
	Max WLAN 6GHz	Max WLAN 6GHz	Max BT Ant 1	Summing result 1g SAR W/kg	Total Exposure Ratio
	1g SAR W/kg	W/m ² (4cm ²)	1g SAR W/kg		
Front Face	0.25	7.39	0.19	0.44	0.86
Rear Face	0.08	1.64	0.08	0.16	0.21
Left Side	0.07	1.45	0.09	0.16	0.20
Right Side	0.04	0.78	0.14	0.18	0.17
Top Side	0.23	5.17	0.28	0.51	0.69
Bottom Side	0.00	0.00	0.03	0.03	0.02

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	D6.5GHzV2	1008	Sep. 09, 2024	1 Year
System Verification Source	SPEAG	5G Verification Source 10 GHz	1025	Jan. 14, 2025	1 Year
Dosimetric E-Field Probe	SPEAG	EX3DV4	7554	Sep. 17, 2024	1 Year
E-Field Probe	SPEAG	EUmmWV4	9438	Jul. 19, 2024	1 Year
Data Acquisition Electronics	SPEAG	DAE4	1277	May. 14, 2024	1 Year
Analog Signal Generator	R&S	SMA100B	104417	Oct. 20, 2024	1 Year
Mini-Circuits Wideband Amplifier	Mini-Circuits	ZVA-183-S+	434502031A	Jun. 26, 2024	1 Year
Universal Wireless Test Set	Anritsu	MT8870A	6262296569	Aug. 20, 2024	1 Year
Thermometer	YFE	YF-160A	120702369	Aug. 09, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS-3.5	1092	May. 23, 2024	1 Year
Dielectric Assessment Kit	SPEAG	DAKS_VNA R140	0010917	May. 23, 2024	1 Year

Appendix L. MRU Power

The MRU Power (Unit: dBm) are shown as below. And the MRU power are lower than SU(full BW) power.

1.1 RF Output Power for WLAN2.4G

1TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	2412	14.09	14.10
13	2472	13.15	13.20

Note: The antenna gain is 3.4 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	2412	15.39	15.50
13	2472	14.56	14.60

Note: The antenna gain is 3.4 dBi.

2TX

802.11be (EHT20) 52+26-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	2412	13.24	13.34	16.30	16.30
13	2472	12.55	12.67	15.62	15.65

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.4 dBi.

802.11be (EHT20) 106+26-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	2412	13.75	13.68	16.73	17.00
13	2472	11.52	11.56	14.55	14.60

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 3.4 dBi.

802.11be (EHT20) 52+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	2412	13.24	13.34	16.30	16.30
13	2472	12.55	12.67	15.62	15.65

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi.

802.11be (EHT20) 106+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	2412	13.75	13.68	16.73	17.00
13	2472	11.52	11.56	14.55	14.55

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 6.41 dBi.

1.2 RF Output Power for WLAN5G

1TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
36	5180	13.52	13.55
48	5240	13.49	13.50
52	5260	13.78	14.00
64	5320	13.77	14.00
100	5500	14.14	14.15
140	5700	12.85	12.85
*144	5720	14.86	15.00
149	5745	14.85	15.00
165	5825	14.81	15.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi.
3. For U-NII-2A, the antenna gain is 5 dBi.
4. For U-NII-2C, the antenna gain is 5 dBi.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
36	5180	13.49	14.00
48	5240	13.46	14.00
52	5260	13.72	14.00
64	5320	13.75	14.00
100	5500	14.11	14.50
140	5700	12.83	13.00
*144	5720	14.85	15.00
149	5745	14.81	15.00
165	5825	14.79	15.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi.
3. For U-NII-2A, the antenna gain is 5 dBi.
4. For U-NII-2C, the antenna gain is 5 dBi.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
42	5210	13.73	14.00
58	5290	13.70	14.00
106	5530	14.79	15.00
*138	5690	14.81	15.00
155	5775	14.79	15.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi.
3. For U-NII-2A, the antenna gain is 5 dBi.
4. For U-NII-2C, the antenna gain is 5 dBi.
5. For U-NII-3, the antenna gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
*50	5250	10.94	10.95

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi.
3. For U-NII-2A, the antenna gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
*50	5250	11.21	11.25

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. For U-NII-1, the antenna gain is 5 dBi.
3. For U-NII-2A, the antenna gain is 5 dBi.

2TX

802.11be (EHT20) 52+26-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
36	5180	7.81	7.90	10.87	11.00
48	5240	7.70	7.74	10.73	11.00
52	5260	10.92	10.96	13.95	14.00
64	5320	10.92	11.07	14.01	14.05
100	5500	14.56	14.71	17.65	17.65
140	5700	12.11	12.34	15.24	15.25
*144	5720	10.21	10.14	13.19	13.20
149	5745	14.83	14.85	17.85	18.00
165	5825	14.79	14.85	17.83	18.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi.
4. For U-NII-2A, the maximum gain is 5 dBi.
5. For U-NII-2C, the maximum gain is 5 dBi.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT20) 106+26-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
36	5180	9.92	9.83	12.89	13.00
48	5240	9.98	9.78	12.89	13.00
52	5260	12.64	13.06	15.87	15.90
64	5320	12.97	13.23	16.11	16.15
100	5500	14.81	14.77	17.80	18.00
140	5700	14.59	14.69	17.65	17.65
*144	5720	12.12	12.48	15.31	15.35
149	5745	14.86	14.78	17.83	18.00
165	5825	14.83	14.85	17.85	18.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi.
4. For U-NII-2A, the maximum gain is 5 dBi.
5. For U-NII-2C, the maximum gain is 5 dBi.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT80) 484+242-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
42	5210	13.08	13.22	16.16	16.20
58	5290	13.47	13.62	16.56	16.60
106	5530	14.35	14.56	17.47	14.50
*138	5690	14.86	14.79	17.84	18.00
155	5775	14.85	14.81	17.84	18.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi.
4. For U-NII-2A, the maximum gain is 5 dBi.
5. For U-NII-2C, the maximum gain is 5 dBi.
6. For U-NII-3, the maximum gain is 5 dBi < 6 dBi, so the output power limit shall not be reduced.

802.11be (EHT160) 996+484+242-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
*50	5250	9.32	9.14	12.24	12.24

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi.
4. For U-NII-2A, the maximum gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
*50	5250	8.77	8.45	11.62	11.65

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain is the maximum gain of antennas.
3. For U-NII-1, the maximum gain is 5 dBi.
4. For U-NII-2A, the maximum gain is 5 dBi.

802.11be (EHT20) 52+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
36	5180	7.81	7.90	10.87	10.90
48	5240	7.70	7.74	10.73	10.75
52	5260	10.92	10.96	13.95	13.95
64	5320	10.92	11.07	14.01	14.05
100	5500	14.56	14.71	17.65	7.65
140	5700	12.11	12.34	15.24	15.25
*144	5720	10.21	10.14	13.19	13.20
149	5745	14.85	14.86	17.87	18.00
165	5825	14.83	14.85	17.85	18.00

Notes:

- * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
- Directional gain = gain of antenna element + $10 \log (2 \text{ of TX antenna elements})$
- For U-NII-1, the directional gain is 8.01 dBi.
- For U-NII-2A, the directional gain is 8.01 dBi.
- For U-NII-2C, the directional gain is 8.01 dBi.
- For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to $30 - (8.01 - 6) = 27.99 \text{ dBm}$.

802.11be (EHT20) 106+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
36	5180	9.92	9.83	12.89	12.90
48	5240	9.98	9.78	12.89	12.90
52	5260	11.67	12.15	14.93	14.95
64	5320	11.73	11.98	14.87	14.90
100	5500	14.79	14.78	17.80	18.00
140	5700	14.59	14.69	17.65	17.65
*144	5720	12.12	12.48	15.31	15.35
149	5745	14.88	14.85	17.88	18.00
165	5825	14.83	14.86	17.86	18.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi.
4. For U-NII-2A, the directional gain is 8.01 dBi.
5. For U-NII-2C, the directional gain is 8.01 dBi.
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to $30-(8.01-6) = 27.99$ dBm.

802.11be (EHT80) 484+242-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
42	5210	11.78	11.99	14.90	14.90
58	5290	11.86	11.95	14.92	14.95
106	5530	14.35	14.56	17.47	17.50
*138	5690	14.88	14.78	17.84	18.00
155	5775	14.85	14.81	17.84	18.00

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi.
4. For U-NII-2A, the directional gain is 8.01 dBi.
5. For U-NII-2C, the directional gain is 8.01 dBi.
6. For U-NII-3, the directional gain is 8.01 dBi > 6 dBi, so the output power limit shall be reduced to $30-(8.01-6) = 27.99$ dBm.

802.11be (EHT160) 996+484+242-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
*50	5250	9.32	9.14	12.24	12.25

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi.
4. For U-NII-2A, the directional gain is 8.01 dBi.

802.11be (EHT160) 996+484-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
*50	5250	8.77	8.45	11.62	11.65

Notes:

1. * : Test was performed in accordance with measurement follow FCC KDB 789033 UNII test procedure Method SA-1 and use spectrum analyzer test.
2. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
3. For U-NII-1, the directional gain is 8.01 dBi.
4. For U-NII-2A, the directional gain is 8.01 dBi.

1.3 RF Output Power for WLAN5.9G

1TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
169	5845	14.72	15.00
177	5885	14.81	15.00

Note: The antenna gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
169	5845	14.83	15.00
177	5885	14.77	15.00

Note: The antenna gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
171	5855	14.78	15.00

Note: The antenna gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
163	5815	14.33	14.35

Note: The antenna gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
163	5815	14.68	14.7

Note: The antenna gain is 5 dBi.

2TX

802.11be (EHT20) 52+26-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
169	5845	11.61	11.91	14.77	14.80
177	5885	11.69	11.93	14.82	14.85

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
169	5845	13.51	14.03	16.79	16.80
177	5885	10.54	10.75	13.66	13.70

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
171	5855	14.78	14.75	17.78	18.00

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
163	5815	12.47	12.63	15.56	15.60

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU CDD

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
163	5815	13.00	13.21	16.12	16.15

Notes:

1. Directional gain is the maximum gain of antennas.
2. The maximum gain is 5 dBi.

802.11be (EHT20) 52+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
169	5845	11.61	11.91	14.77	14.80
177	5885	11.69	11.93	14.82	14.85

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 8.01 dBi.

802.11be (EHT20) 106+26-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
169	5845	13.51	14.03	16.79	16.80
177	5885	10.54	10.75	13.66	13.70

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 8.01 dBi.

802.11be (EHT80) 484+242-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
171	5855	14.78	14.75	17.78	18.00

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 8.01 dBi.

802.11be (EHT160) 996+484-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
163	5815	12.47	12.63	15.56	15.60

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 8.01 dBi.

802.11be (EHT160) 996+484+242-tone MRU Beamforming

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
163	5815	13.00	13.21	16.12	16.15

Notes:

1. Directional gain = gain of antenna element + 10 log (2 of TX antenna elements)
2. The directional gain is 8.01 dBi.

1.4 RF Output Power for 6CD

under control of a low-power indoor AP

1TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	5955	2.56	3.00
93	6415	2.36	2.40
97	6435	2.25	2.25
113	6515	2.34	2.35
117	6535	2.47	2.50
181	6855	2.73	2.75
185	6875	2.70	2.70
233	7115	3.48	3.50

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	5955	4.85	4.85
93	6415	4.41	4.45
97	6435	4.83	4.85
113	6515	4.54	4.55
117	6535	4.28	4.30
181	6855	4.97	5.00
185	6875	5.22	5.25
233	7115	6.32	6.35

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
7	5985	12.32	12.35
87	6385	12.05	12.05
103	6465	11.53	11.55
119	6545	11.98	12.00
135	6625	11.71	11.75
167	6785	12.18	12.20
183	6865	12.40	12.40
215	7025	12.72	12.75

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
15	6025	15.12	15.15
47	6185	14.99	15.00
79	6345	14.49	14.50
111	6505	14.48	14.50
175	6825	14.73	14.75
207	6985	14.53	14.55

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
15	6025	15.67	15.70
47	6185	15.42	15.45
79	6345	15.38	15.40
111	6505	15.03	15.05
175	6825	15.62	15.65
207	6985	15.87	15.90

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

2TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	5955	-0.26	-0.13	2.82	2.85
93	6415	-0.43	-0.60	2.50	2.50
97	6435	-0.71	-0.84	2.24	2.25
113	6515	-1.31	-0.63	2.05	2.05
117	6535	-1.08	-0.46	2.25	2.25
181	6855	-1.05	-0.14	2.44	2.45
185	6875	-0.18	0.20	3.02	3.05
233	7115	-0.28	0.24	3.00	3.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	5955	1.79	1.95	4.88	4.90
93	6415	1.56	1.33	4.46	4.50
97	6435	1.58	1.82	4.71	4.75
113	6515	1.63	1.81	4.73	4.75
117	6535	1.22	1.75	4.50	4.50
181	6855	1.97	2.44	5.22	5.25
185	6875	2.02	2.21	5.13	5.15
233	7115	2.62	2.80	5.72	5.75

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
7	5985	9.63	9.54	12.60	12.60
87	6385	9.15	9.22	12.20	12.20
103	6465	9.14	9.02	12.09	12.10
119	6545	8.92	8.92	11.93	11.95
135	6625	8.86	8.96	11.92	11.95
167	6785	9.37	9.39	12.39	12.40
183	6865	9.69	9.57	12.64	12.65
215	7025	9.78	9.88	12.84	12.85

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
15	6025	11.79	12.32	15.07	15.10
47	6185	11.49	11.10	14.31	14.35
79	6345	11.95	11.37	14.68	14.70
111	6505	11.67	11.64	14.67	14.70
175	6825	12.43	12.31	15.38	15.40
207	6985	12.25	12.05	15.16	15.20

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
15	6025	12.33	12.72	15.54	15.55
47	6185	12.67	12.16	15.43	15.45
79	6345	12.12	12.55	15.35	15.35
111	6505	12.12	12.33	15.24	15.25
175	6825	12.92	12.86	15.90	15.90
207	6985	12.79	12.86	15.84	15.85

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

under control of a Standard power AP

1TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	5955	14.63	15.00
181	6855	14.65	15.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	5955	14.64	15.00
181	6855	14.64	15.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
7	5985	14.68	15.00
167	6785	14.66	15.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
15	6025	14.83	15.00
143	6665	14.50	15.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)	Max. Tune Up Power (dBm)
15	6025	14.81	15.00
143	6665	14.51	15.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.
4. For U-NII-8, The antenna gain is 5 dBi.

2TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	5955	12.28	12.38	15.34	16.00
181	6855	12.29	12.40	15.36	16.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
1	5955	12.29	12.38	15.35	16.00
181	6855	12.33	12.38	15.37	16.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
7	5985	12.26	12.40	15.34	16.00
167	6785	12.31	12.40	15.37	16.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
15	6025	12.55	12.81	15.69	16.00
143	6665	12.56	12.77	15.68	16.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1		
15	6025	12.56	12.79	15.69	16.00
143	6665	12.53	12.58	15.57	16.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.
4. For U-NII-8, The directional gain is 5 dBi.

1.5 RF Output Power for 6VL

1TX

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Max. Tune Up Power (dBm)
1	5955	1.279	1.07	1.10
117	6535	1.117	0.48	0.50

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Max. Tune Up Power (dBm)
7	5985	6.653	8.23	8.25
135	6625	6.138	7.88	7.90

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Max. Tune Up Power (dBm)
15	6025	7.87	8.96	9.00
143	6665	7.925	8.99	9.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (mW)	Average Power (dBm)	Max. Tune Up Power (dBm)
15	6025	7.889	8.97	9.00
143	6665	7.907	8.98	9.00

Notes:

1. For U-NII-5, The antenna gain is 5 dBi.
2. For U-NII-6, The antenna gain is 5 dBi.
3. For U-NII-7, The antenna gain is 5 dBi.

2TX

802.11be (EHT20) 52+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1			
1	5955	-3.97	-4.14	0.7863	-1.04	-1.00
117	6535	-4.36	-4.76	0.7006	-1.55	-1.55

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.

802.11be (EHT20) 106+26-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1			
1	5955	-1.87	-1.71	1.3247	1.22	1.25
117	6535	-2.20	-2.12	1.2163	0.85	0.85

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.

802.11be (EHT80) 484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1			
7	5985	5.20	5.23	6.646	8.23	8.25
135	6625	5.09	4.85	6.283	7.98	8.00

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.

802.11be (EHT160) 996+484-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1			
15	6025	3.10	2.95	4.014	6.04	6.05
143	6665	3.24	3.19	4.193	6.23	6.25

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.

802.11be (EHT160) 996+484+242-tone MRU

Chan.	Chan. Freq. (MHz)	Average Power (dBm)		Total Power (mW)	Total Power (dBm)	Max. Tune Up Power (dBm)
		Chain 0	Chain 1			
15	6025	4.19	4.24	5.279	7.23	7.25
143	6665	3.97	3.82	4.905	6.91	6.95

Notes:

1. For U-NII-5, The directional gain is 5 dBi.
2. For U-NII-6, The directional gain is 5 dBi.
3. For U-NII-7, The directional gain is 5 dBi.