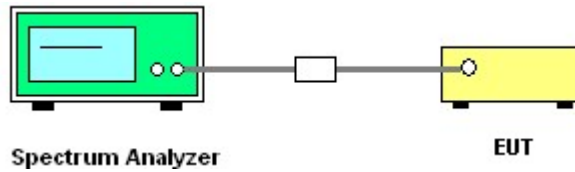
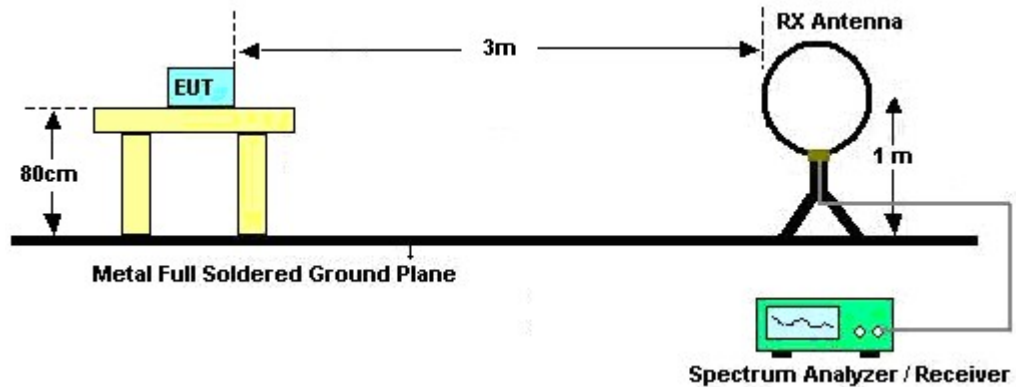


3.2.4 Test Setup

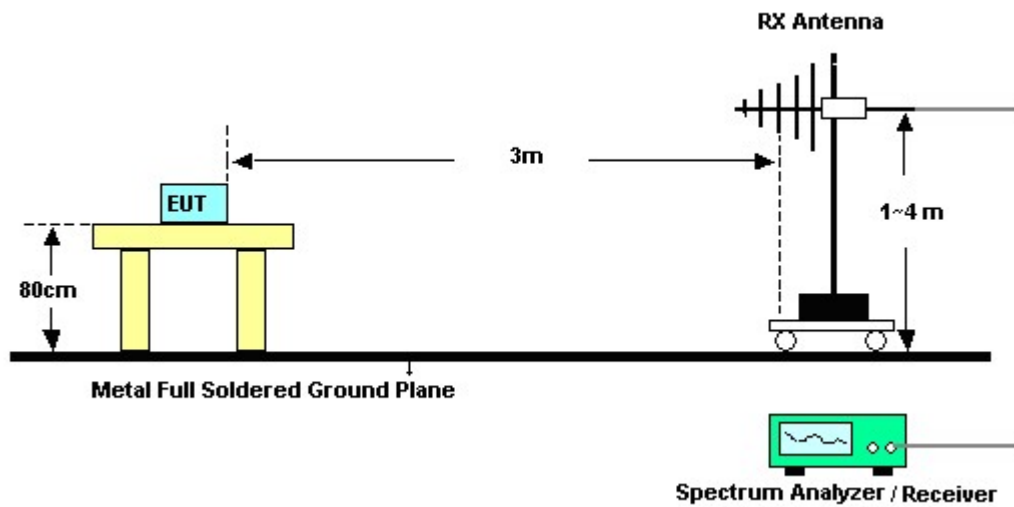
For Conducted Measurement Setup



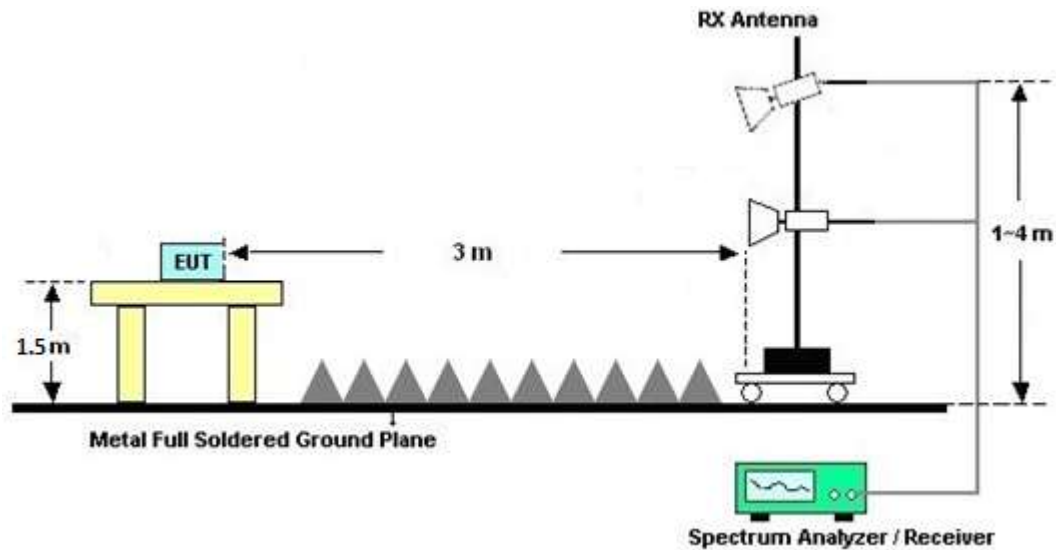
For radiated emissions below 30MHz



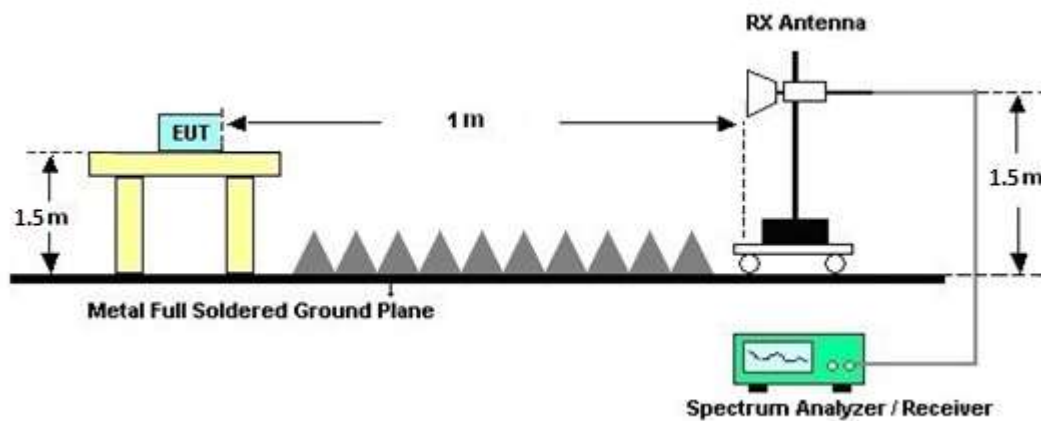
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.2.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.2.6 Test Result of Conducted Spurious at Band Edges

Please refer to Appendix B and C.



3.2.7 Duty Cycle

Please refer to Appendix E.

3.2.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix D.



3.3 Antenna Requirements

3.3.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.3.2 Antenna Anti-Replacement Construction

Unique (non-standard) antenna connector.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 16, 2026	Jun. 08, 2026~ Jun. 24, 2026	Mar. 15, 2027	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Nov. 26, 2025	Jun. 08, 2026~ Jun. 24, 2026	Nov. 25, 2026	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Aug. 07, 2025	Jun. 08, 2026~ Jun. 24, 2026	Aug. 06, 2026	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Jun. 08, 2026~ Jun. 24, 2026	Jul. 01, 2026	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 13, 2025	Jun. 08, 2026~ Jun. 24, 2026	Jul. 12, 2026	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 26, 2025	Jun. 08, 2026~ Jun. 24, 2026	Sep. 25, 2026	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~40GHz	Aug. 26, 2025	Jun. 08, 2026~ Jun. 24, 2026	Aug. 25, 2026	Radiation (03CH21-HY)
EXA Signal Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Sep. 09, 2025	Jun. 08, 2026~ Jun. 24, 2026	Sep. 08, 2026	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9kHz~30MHz	Mar. 04, 2026	Jun. 08, 2026~ Jun. 24, 2026	Mar. 03, 2027	Radiation (03CH21-HY)
RF Cable	HUBER+SUHNER,EMCI	SUCOFLEX 102,EMC101Y(KM-KM-500)	803954/2,804612/2,25104234,25104235	30MHz~40GHz	Dec. 19, 2026	Jun. 08, 2026~ Jun. 24, 2026	Dec. 18, 2027	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Jun. 08, 2026~ Jun. 24, 2026	Oct. 20, 2026	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Jun. 08, 2026~ Jun. 24, 2026	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Jun. 08, 2026~ Jun. 24, 2026	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Jun. 08, 2026~ Jun. 24, 2026	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Jun. 08, 2026~ Jun. 24, 2026	N/A	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Jun. 09, 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3008W	RPR8W-23010013 (NO:100)	10MHz~8GHz	Jul. 18, 2025	Jun. 09, 2026	Jul. 17, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	Jun. 09, 2026	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	Jun. 09, 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Jun. 09, 2026	N/A	Conducted (TH05-HY)



FCC RADIO TEST REPORT

Report No.: FR651934H

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz~44GHz	Aug. 27, 2025	Jun. 25, 2026~ Jun. 27, 2026	Aug. 26, 2026	CSE (TH05-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102E	505134/2	30MHz~40GHz	Oct. 31, 2025	Jun. 25, 2026~ Jun. 27, 2026	Oct. 30, 2026	CSE (TH05-HY)



5 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.4 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
--	--------

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
--	--------

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.3 dB
--	--------

A1. Conducted Test Results

Test Engineer:	Benny Ku	Temperature:	21~25	°C
Test Date:	2026/6/9	Relative Humidity:	51~54	%

TEST RESULTS DATA
EIRP Power Table

U-NII-5 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	001	5955	Full	4.40	4.30		1.52	2.82	5.92	7.12	24.00	Pass
HE20	MCS0	1	045	6175	Full	4.70	4.40		1.52	2.82	6.22	7.22	24.00	Pass
HE20	MCS0	1	093	6415	Full	4.30	4.30		1.52	2.82	5.82	7.12	24.00	Pass
HE40	MCS0	1	003	5965	Full	7.60	7.60		1.52	2.82	9.12	10.42	24.00	Pass
HE40	MCS0	1	043	6165	Full	7.50	7.50		1.52	2.82	9.02	10.32	24.00	Pass
HE40	MCS0	1	091	6405	Full	7.30	7.40		1.52	2.82	8.82	10.22	24.00	Pass
HE80	MCS0	1	007	5985	Full	9.60	9.60		1.52	2.82	11.12	12.42	24.00	Pass
HE80	MCS0	1	039	6145	Full	9.70	9.90		1.52	2.82	11.22	12.72	24.00	Pass
HE80	MCS0	1	087	6385	Full	9.50	9.90		1.52	2.82	11.02	12.72	24.00	Pass
HE160	MCS0	1	015	6025	Full	12.90	12.60		1.52	2.82	14.42	15.42	24.00	Pass
HE160	MCS0	1	047	6185	Full	12.50	12.40		1.52	2.82	14.02	15.22	24.00	Pass
HE160	MCS0	1	079	6345	Full	12.70	12.90		1.52	2.82	14.22	15.72	24.00	Pass

Power Setting	
Ant 1	Ant 2
4	4
4.5	4
4	4
7	7
7	7
7	7
9.5	9.5
9.5	9.5
9.5	9.5
12	12
12	11.5
12	12

U-NII-5 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2			
HE20	MCS0	2	001	5955	Full	1.50	1.60	4.56	2.82		7.38	24.00	Pass
HE20	MCS0	2	045	6175	Full	1.50	1.60	4.56	2.82		7.38	24.00	Pass
HE20	MCS0	2	093	6415	Full	1.60	1.60	4.61	2.82		7.43	24.00	Pass
HE40	MCS0	2	003	5965	Full	4.30	4.40	7.36	2.82		10.18	24.00	Pass
HE40	MCS0	2	043	6165	Full	4.40	4.40	7.41	2.82		10.23	24.00	Pass
HE40	MCS0	2	091	6405	Full	4.30	4.30	7.31	2.82		10.13	24.00	Pass
HE80	MCS0	2	007	5985	Full	7.10	7.10	10.11	2.82		12.93	24.00	Pass
HE80	MCS0	2	039	6145	Full	6.80	6.90	9.86	2.82		12.68	24.00	Pass
HE80	MCS0	2	087	6385	Full	7.10	7.20	10.16	2.82		12.98	24.00	Pass
HE160	MCS0	2	015	6025	Full	9.80	9.90	12.86	2.82		15.68	24.00	Pass
HE160	MCS0	2	047	6185	Full	9.50	9.60	12.56	2.82		15.38	24.00	Pass
HE160	MCS0	2	079	6345	Full	10.00	10.20	13.11	2.82		15.93	24.00	Pass

Power Setting	
Ant 1	Ant 2
1.5	
1.5	
1.5	
4	
4	
4	
7	
6.5	
7	
9.5	
9	
9.5	

TEST RESULTS DATA
EIRP Power Table

U-NII-6 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	097	6435	Full	4.20	4.70		1.99	1.94	6.19	6.64	24.00	Pass
HE20	MCS0	1	105	6475	Full	4.20	4.80		1.99	1.94	6.19	6.74	24.00	Pass
HE20	MCS0	1	113	6515	Full	4.40	4.90		1.99	1.94	6.39	6.84	24.00	Pass
HE40	MCS0	1	099	6445	Full	7.80	7.50		1.99	1.94	9.79	9.44	24.00	Pass
HE40	MCS0	1	107	6485	Full	7.40	7.60		1.99	1.94	9.39	9.54	24.00	Pass
HE80	MCS0	1	103	6465	Full	10.00	10.30		1.99	1.94	11.99	12.24	24.00	Pass

Power Setting	
Ant 1	Ant 2
4	4.5
4	4.5
4	4.5
7.5	7
7	7
10	10

U-NII-6 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2				
HE20	MCS0	2	097	6435	Full	1.50	1.50	4.51	1.99		6.50	24.00	Pass	
HE20	MCS0	2	105	6475	Full	1.70	1.70	4.71	1.99		6.70	24.00	Pass	
HE20	MCS0	2	113	6515	Full	1.60	1.70	4.66	1.99		6.65	24.00	Pass	
HE40	MCS0	2	099	6445	Full	4.70	4.80	7.76	1.99		9.75	24.00	Pass	
HE40	MCS0	2	107	6485	Full	4.80	4.80	7.81	1.99		9.80	24.00	Pass	
HE80	MCS0	2	103	6465	Full	7.20	7.30	10.26	1.99		12.25	24.00	Pass	

Power Setting	
Ant 1	Ant 2
1.5	
1.5	
1.5	
4.5	
4.5	
7	

U-NII-6 straddle channel single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE40	MCS0	1	115	6525	Full	7.40	7.50		1.99	1.94	9.39	9.44	24.00	Pass
HE80	MCS0	1	119	6545	Full	10.20	10.10		1.99	1.94	12.19	12.04	24.00	Pass
HE160	MCS0	1	111	6505	Full	12.80	13.00		1.99	1.94	14.79	14.94	24.00	Pass

Power Setting	
Ant 1	Ant 2
7	7
10	10
12	12

U-NII-6 straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE40	MCS0	2	115	6525	Full	4.80	4.80	7.81	1.99		9.80	24.00	Pass
HE80	MCS0	2	119	6545	Full	7.10	7.30	10.21	1.99		12.20	24.00	Pass
HE160	MCS0	2	111	6505	Full	10.20	10.30	13.26	1.99		15.25	24.00	Pass

Power Setting	
Ant 1	Ant 2
4.5	
7	
9.5	

TEST RESULTS DATA
EIRP Power Table

U-NII-7 single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2				
HE20	MCS0	1	117	6535	Full	4.60	4.50		1.65	2.02	6.25	6.52	24.00	Pass	4.5	4.5
HE20	MCS0	1	149	6695	Full	4.30	4.60		1.65	2.02	5.95	6.62	24.00	Pass	4	4.5
HE20	MCS0	1	181	6855	Full	4.70	4.60		1.65	2.02	6.35	6.62	24.00	Pass	4	4
HE40	MCS0	1	147	6685	Full	7.50	7.90		1.65	2.02	9.15	9.92	24.00	Pass	7	7
HE40	MCS0	1	179	6845	Full	7.40	7.70		1.65	2.02	9.05	9.72	24.00	Pass	7	7
HE80	MCS0	1	135	6625	Full	10.20	9.80		1.65	2.02	11.85	11.82	24.00	Pass	10	10
HE80	MCS0	1	167	6785	Full	10.00	9.90		1.65	2.02	11.65	11.92	24.00	Pass	9.5	9.5
HE160	MCS0	1	143	6665	Full	12.30	12.40		1.65	2.02	13.95	14.42	24.00	Pass	11.5	12

U-NII-7 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM				
HE20	MCS0	2	117	6535	Full	1.40	1.50	4.46	2.02		6.48	24.00	Pass	1.5	
HE20	MCS0	2	149	6695	Full	1.50	1.50	4.51	2.02		6.53	24.00	Pass	1.5	
HE20	MCS0	2	181	6855	Full	1.50	1.60	4.56	2.02		6.58	24.00	Pass	1	
HE40	MCS0	2	147	6685	Full	4.80	4.80	7.81	2.02		9.83	24.00	Pass	4.5	
HE40	MCS0	2	179	6845	Full	4.30	4.50	7.41	2.02		9.43	24.00	Pass	4	
HE80	MCS0	2	135	6625	Full	7.20	6.90	10.06	2.02		12.08	24.00	Pass	7	
HE80	MCS0	2	167	6785	Full	7.10	6.90	10.01	2.02		12.03	24.00	Pass	6.5	
HE160	MCS0	2	143	6665	Full	10.30	9.70	13.02	2.02		15.04	24.00	Pass	9.5	

U-NII-7 straddle channel single antenna																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2				
HE20	MCS0	1	185	6875	Full	4.30	4.70		1.65	2.02	5.95	6.72	24.00	Pass	4	4
HE40	MCS0	1	187	6885	Full	7.60	7.80		1.65	2.02	9.25	9.82	24.00	Pass	7	7
HE80	MCS0	1	183	6865	Full	9.80	10.00		1.65	2.02	11.45	12.02	24.00	Pass	9.5	9.5

U-NII-7 straddle channel MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail	Power Setting	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM				
HE20	MCS0	2	185	6875	Full	1.10	1.90	4.53	2.02		6.55	24.00	Pass	1	
HE40	MCS0	2	187	6885	Full	4.40	4.80	7.61	2.02		9.63	24.00	Pass	4	
HE80	MCS0	2	183	6865	Full	6.80	7.20	10.01	2.02		12.03	24.00	Pass	6.5	

TEST RESULTS DATA
EIRP Power Table

U-NII-8 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
HE20	MCS0	1	209	6995	Full	4.80	4.50		2.28	2.43	7.08	6.93	24.00	Pass
HE20	MCS0	1	229	7095	Full	4.60	4.60		2.28	2.43	6.88	7.03	24.00	Pass
HE20	MCS0	1	233	7115	Full	0.70	0.00		2.28	2.43	2.98	2.43	24.00	Pass
HE40	MCS0	1	227	7085	Full	7.80	7.90		2.28	2.43	10.08	10.33	24.00	Pass
HE80	MCS0	1	199	6945	Full	10.20	9.80		2.28	2.43	12.48	12.23	24.00	Pass
HE80	MCS0	1	215	7025	Full	10.20	10.20		2.28	2.43	12.48	12.63	24.00	Pass
HE160	MCS0	1	207	6985	Full	12.70	12.70		2.28	2.43	14.98	15.13	24.00	Pass

Power Setting	
Ant 1	Ant 2
4.5	4
4	4
0.25	0
7	7
10	9.5
10	10
12	11.5

U-NII-8 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)	EIRP Power Limit (dBm)	Pass /Fail
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	SUM		
HE20	MCS0	2	209	6995	Full	1.60	1.80	4.71	2.43		7.14	24.00	Pass
HE20	MCS0	2	229	7095	Full	1.80	2.00	4.91	2.43		7.34	24.00	Pass
HE20	MCS0	2	233	7115	Full	-1.70	-2.10	1.11	2.43		3.54	24.00	Pass
HE40	MCS0	2	227	7085	Full	4.70	4.70	7.71	2.43		10.14	24.00	Pass
HE80	MCS0	2	199	6945	Full	7.30	7.30	10.31	2.43		12.74	24.00	Pass
HE80	MCS0	2	215	7025	Full	7.20	7.20	10.21	2.43		12.64	24.00	Pass
HE160	MCS0	2	207	6985	Full	10.00	10.10	13.06	2.43		15.49	24.00	Pass

Power Setting	
Ant 1	Ant 2
1.5	
1.5	
-1.5	
4	
7	
7	
9.5	



Appendix B.-1 Conducted Spurious Emission

Test Engineer :	Kai Liao	Temperature :	22.1~24.9°C
		Relative Humidity :	48.3~51.9%

Band 5 - 5925~6425MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax		5923.14	-54.11	-47.11	-7	-59.14	2.11	2.92	0	0	P
HE20 Full		5915.02	-63.18	-36.18	-27	-68.21	2.11	2.92	0	0	A
CH 01	*	5955	-1.16	-	-	-6.24	2.11	2.97	0	0	P
5955MHz	*	5955	-10.66	-	-	-15.74	2.11	2.97	0	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										

Band 5 5925~6425MHz

WIFI 802.11ax HE160 Full (Band Edge)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax		5898.92	-46.41	-39.41	-7	-51.41	2.11	2.89	0	0	P
HE160 Full		5921	-56.2	-29.2	-27	-61.23	2.11	2.92	0	0	A
CH 15	*	6025	0.04	-	-	-5.09	2.11	3.02	0	0	P
6025MHz	*	6025	-7.67	-	-	-12.8	2.11	3.02	0	0	A
	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Appendix B.-2 Conducted Spurious Emission

Test Engineer :	Kai Liao	Temperature :	22.1~24.9°C
		Relative Humidity :	48.3~51.9%

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax	*	7115	-4.43	-	-	-13.05	2.28	3.33	3.01	0	P
HE20 Full	*	7115	-14.88	-	-	-23.5	2.28	3.33	3.01	0	A
CH 233		7125	-16.33	-9.33	-7	-24.95	2.28	3.33	3.01	0	P
7115MHz		7125	-34.53	-7.53	-27	-43.15	2.28	3.33	3.01	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Band Edge)

WIFI Ant. 1+2(1)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax	*	6985	-0.05	-	-	-8.47	2.28	3.13	3.01	0	P
HE160 Full	*	6985	-11.52	-	-	-19.94	2.28	3.13	3.01	0	A
CH 207		7134.44	-38.63	-31.63	-7	-47.28	2.28	3.36	3.01	0	P
6985MHz		7130.28	-55.87	-28.87	-27	-64.52	2.28	3.36	3.01	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Appendix B.-3 Conducted Spurious Emission

Test Engineer :	Kai Liao	Temperature :	22.1~24.9°C
		Relative Humidity :	48.3~51.9%

Band 8 - 6875~7125MHz

WIFI 802.11ax HE20 Full (Band Edge)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax	*	7115	-5.81	-	-	-14.52	2.43	3.27	3.01	0	P
HE20 Full	*	7115	-15.31	-	-	-24.02	2.43	3.27	3.01	0	A
CH 233		7125	-16.34	-9.34	-7	-25.05	2.43	3.27	3.01	0	P
7115MHz		7125	-34.47	-7.47	-27	-43.18	2.43	3.27	3.01	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										

Band 8 - 6875~7125MHz

WIFI 802.11ax HE160 Full (Band Edge)

WIFI Ant. 1+2(2)	Note	Frequency (MHz)	Level (dBm)	Over Limit (dB)	Limit Line (dBm)	Read Level (dBm)	Antenna Gain (dBi)	Path Loss (dB)	MIMO Factor (dB)	Grounding Factor (dB)	Peak Average (P/A)
802.11ax	*	6985	-0.24	-	-	-8.77	2.43	3.09	3.01	0	P
HE160 Full	*	6985	-11.56	-	-	-20.09	2.43	3.09	3.01	0	A
CH 207		7140.2	-43.31	-36.31	-7	-52.05	2.43	3.3	3.01	0	P
6985MHz		7128.36	-53.89	-26.89	-27	-62.6	2.43	3.27	3.01	0	A
Remark	- No other spurious found. - All results are PASS against Peak and Average limit line.										



Appendix C.-1 Conducted Spurious Emission Plots

Test Engineer :	Kai Liao	Temperature :	22.1~24.9°C
		Relative Humidity :	48.3~51.9%

Note symbol

-L	Low channel location
-R	High channel location

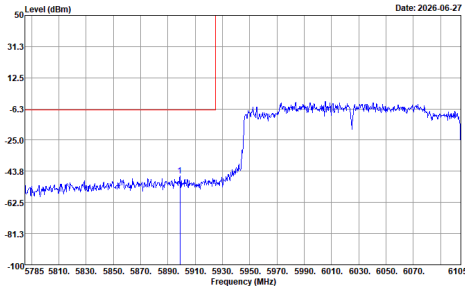
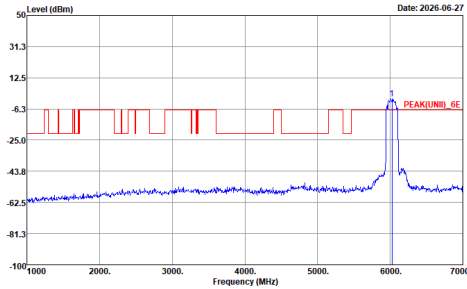
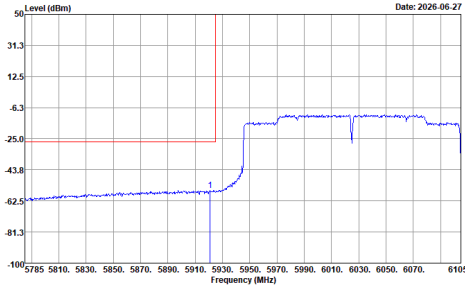
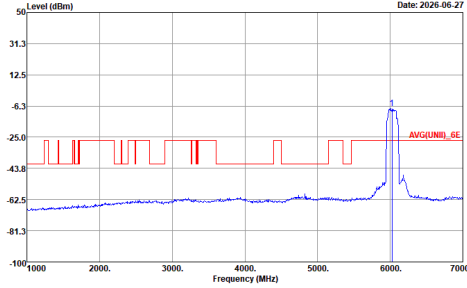


Band 5 - 5925~6425MHz
WIFI 802.11ax HE20 Full (Band Edge)

WIFI	Band 5 5925~6425MHz	
ANT	802.11ax HE20 Full CH01 5955MHz	
1	CSE	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII)_6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 1 Setting : 4 Ant : 1 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII)_6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 1 Setting : 4 Ant : 1 Data Rate : MCS0
Avg.	Site : TH05-HY Condition : AVG_BE(UNII)_6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 1 Setting : 4 Ant : 1 Data Rate : MCS0	Site : TH05-HY Condition : AVG(UNII)_6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 1 Setting : 4 Ant : 1 Data Rate : MCS0



Band 5 5925~6425MHz
WIFI 802.11ax HE160 Full (Band Edge)

WIFI	Band 5 5925~6425MHz	
ANT	802.11ax HE160 Full CH15 6025MHz	
1	CSE	Fundamental
Peak	 Site : TH05-HY Condition : PEAK, BE(U/NII), 6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 2 Setting : 12 Ant : 1 Data Rate : MCS0	 Site : TH05-HY Condition : PEAK(U/NII), 6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 2 Setting : 12 Ant : 1 Data Rate : MCS0
Avg.	 Site : TH05-HY Condition : AVG, BE(U/NII), 6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 2 Setting : 12 Ant : 1 Data Rate : MCS0	 Site : TH05-HY Condition : AVG(U/NII), 6E ANT GAIN+2.11 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 2 Setting : 12 Ant : 1 Data Rate : MCS0



Appendix C.-2 Conducted Spurious Emission Plots

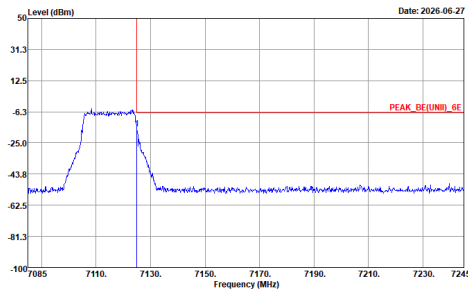
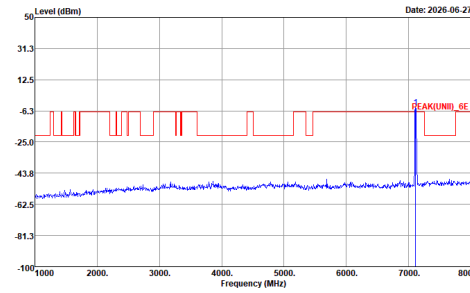
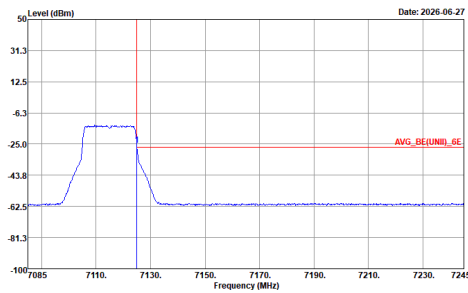
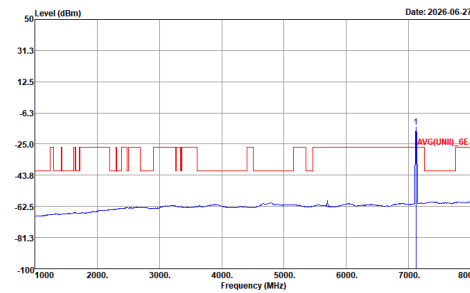
Test Engineer :	Kai Liao	Temperature :	22.1~24.9°C
		Relative Humidity :	48.3~51.9%

Note symbol

-L	Low channel location
-R	High channel location

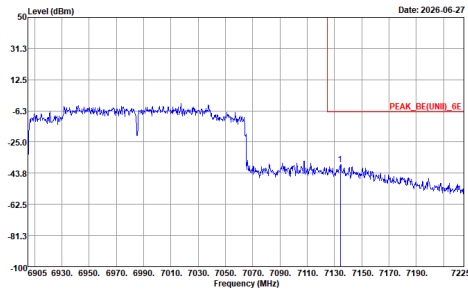
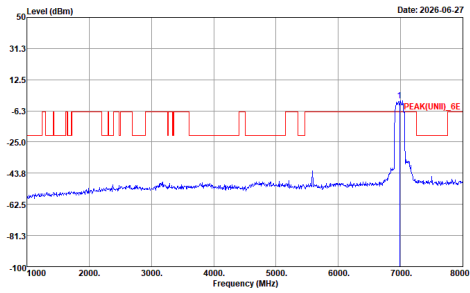
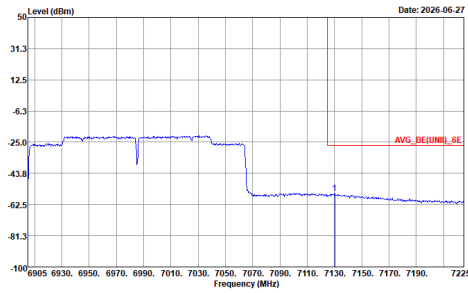
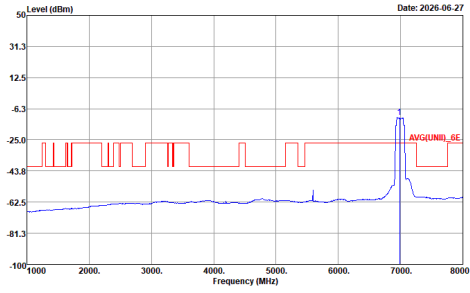


Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Full (Band Edge)

WIFI	Band 8 6875~7125MHz	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2(1)	CSE	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII)_6E ANT GAIN+2.28 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 1 Data Rate : MCS0	 Site : TH05-HY Condition : PEAK(UNII)_6E ANT GAIN+2.28 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 1 Data Rate : MCS0
Avg.	 Site : TH05-HY Condition : AVG_BE(UNII)_6E ANT GAIN+2.28 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 1 Data Rate : MCS0	 Site : TH05-HY Condition : AVG(UNII)_6E ANT GAIN+2.28 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 1 Data Rate : MCS0



Band 8 - 6875~7125MHz
WIFI 802.11ax HE160 Full (Band Edge)

WIFI	Band 8 6875~7125MHz	
ANT	802.11ax HE160 Full CH207 6985MHz	
1+2(1)	CSE	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII)_6E ANT GAIN+2.28 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 1 Data Rate : MCS0	 Site : TH05-HY Condition : PEAK(UNII)_6E ANT GAIN+2.28 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 1 Data Rate : MCS0
Avg.	 Site : TH05-HY Condition : AVG_BE(UNII)_6E ANT GAIN+2.28 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 1 Data Rate : MCS0	 Site : TH05-HY Condition : AVG(UNII)_6E ANT GAIN+2.28 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 1 Data Rate : MCS0



Appendix C.-3 Conducted Spurious Emission Plots

Test Engineer :	Kai Liao	Temperature :	22.1~24.9°C
		Relative Humidity :	48.3~51.9%

Note symbol

-L	Low channel location
-R	High channel location



Band 8 - 6875~7125MHz
WIFI 802.11ax HE20 Full (Band Edge)

WIFI	Band 8 6875~7125MHz	
ANT	802.11ax HE20 Full CH233 7115MHz	
1+2(2)	CSE	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 2 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 2 Data Rate : MCS0
Avg.	Site : TH05-HY Condition : AVG_BE(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 2 Data Rate : MCS0	Site : TH05-HY Condition : AVG(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 3 Setting : -1.5 Ant : 2 Data Rate : MCS0



Band 8 - 6875~7125MHz
WIFI 802.11ax HE160 Full (Band Edge)

WIFI	Band 8 6875~7125MHz	
ANT	802.11ax HE160 Full CH207 6985MHz	
1+2(2)	CSE	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 2 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 2 Data Rate : MCS0
Avg.	Site : TH05-HY Condition : AVG_BE(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 2 Data Rate : MCS0	Site : TH05-HY Condition : AVG(UNII)_6E ANT GAIN+2.43 HORIZONTAL Detector : Peak Project : 651934 Mode : 4 Setting : 9.5 Ant : 2 Data Rate : MCS0



Appendix D. Radiated Spurious Emission Test Data

Test Engineer :	Jack Cheng and Ray Lung	Temperature :	21.1 ~ 25.7°C
		Relative Humidity :	55.8 ~ 63.2%

Note symbol

-L	Low channel location
-R	High channel location

D-1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 3	U-NII-7	6.525-6.875	1 + 2	802.11ax HE160	143	6665	MCS0	-	-
Mode 6	U-NII-8	6.875-7.125	1 + 2	802.11ax HE20	233	7115	MCS0	-	LF
Mode 7	U-NII-8	6.875-7.125	1 + 2	802.11ax HE20	233	7115	MCS0	-	SHF

D-2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
3	802.11ax HE160	143	-	-	-	-	-	-	-	-	Band Edge
	802.11ax HE160	143	13330.00	43.98	54.00	-10.02	V	Avg.	Pass	-	Harmonic
6	LF	233	33.88	31.17	40.00	-8.83	V	Peak	Pass	-	LF
7	SHF	233	21345.00	39.92	74.00	-34.08	H	Peak	Pass	-	SHF

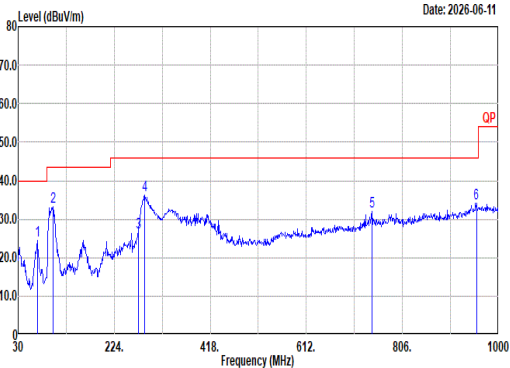
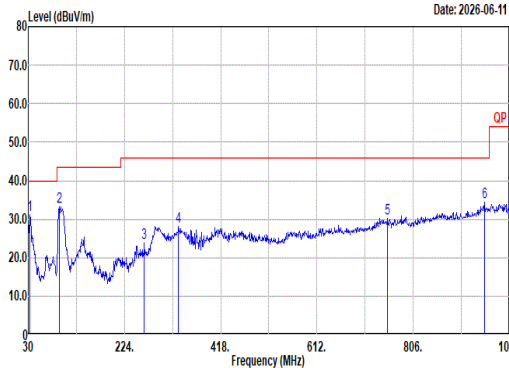


Mode	3																																																																																																																																																																									
	Harmonic																																																																																																																																																																									
	U-NII-7_6.525-6.875_802.11ax HE160_CH143_6665MHz																																																																																																																																																																									
ANT	1 + 2																																																																																																																																																																									
Pol.	Horizontal						Vertical																																																																																																																																																																			
Peak Avg	Level (dBuV/m) Date: 2026-06-11 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>13330.00</td><td>52.74</td><td>74.00</td><td>-21.26</td><td>32.81</td><td>40.00</td><td>20.63</td><td>42.50</td><td>1.80</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>13330.00</td><td>41.79</td><td>54.00</td><td>-12.21</td><td>21.86</td><td>40.00</td><td>20.63</td><td>42.50</td><td>1.80</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>19995.00</td><td>39.47</td><td>74.00</td><td>-34.53</td><td>48.22</td><td>37.99</td><td>25.60</td><td>62.80</td><td>-9.54</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>19995.00</td><td>30.36</td><td>54.00</td><td>-23.64</td><td>39.11</td><td>37.99</td><td>25.60</td><td>62.80</td><td>-9.54</td><td>--</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	13330.00	52.74	74.00	-21.26	32.81	40.00	20.63	42.50	1.80	--	Peak	2	13330.00	41.79	54.00	-12.21	21.86	40.00	20.63	42.50	1.80	--	Average	3	19995.00	39.47	74.00	-34.53	48.22	37.99	25.60	62.80	-9.54	--	Peak	4	19995.00	30.36	54.00	-23.64	39.11	37.99	25.60	62.80	-9.54	--	Average	Level (dBuV/m) Date: 2026-06-11 Site : 03CH21-HY Condition: PEAK(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>13330.00</td><td>53.09</td><td>74.00</td><td>-20.91</td><td>33.16</td><td>40.00</td><td>20.63</td><td>42.50</td><td>1.80</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>13330.00</td><td>43.98</td><td>54.00</td><td>-10.02</td><td>24.05</td><td>40.00</td><td>20.63</td><td>42.50</td><td>1.80</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>19995.00</td><td>40.27</td><td>74.00</td><td>-33.73</td><td>49.02</td><td>37.99</td><td>25.60</td><td>62.80</td><td>-9.54</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>19995.00</td><td>31.18</td><td>54.00</td><td>-22.82</td><td>39.93</td><td>37.99</td><td>25.60</td><td>62.80</td><td>-9.54</td><td>--</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	13330.00	53.09	74.00	-20.91	33.16	40.00	20.63	42.50	1.80	--	Peak	2	13330.00	43.98	54.00	-10.02	24.05	40.00	20.63	42.50	1.80	--	Average	3	19995.00	40.27	74.00	-33.73	49.02	37.99	25.60	62.80	-9.54	--	Peak	4	19995.00	31.18	54.00	-22.82	39.93	37.99	25.60	62.80	-9.54	--	Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																
1	13330.00	52.74	74.00	-21.26	32.81	40.00	20.63	42.50	1.80	--	Peak																																																																																																																																																															
2	13330.00	41.79	54.00	-12.21	21.86	40.00	20.63	42.50	1.80	--	Average																																																																																																																																																															
3	19995.00	39.47	74.00	-34.53	48.22	37.99	25.60	62.80	-9.54	--	Peak																																																																																																																																																															
4	19995.00	30.36	54.00	-23.64	39.11	37.99	25.60	62.80	-9.54	--	Average																																																																																																																																																															
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																		
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																
1	13330.00	53.09	74.00	-20.91	33.16	40.00	20.63	42.50	1.80	--	Peak																																																																																																																																																															
2	13330.00	43.98	54.00	-10.02	24.05	40.00	20.63	42.50	1.80	--	Average																																																																																																																																																															
3	19995.00	40.27	74.00	-33.73	49.02	37.99	25.60	62.80	-9.54	--	Peak																																																																																																																																																															
4	19995.00	31.18	54.00	-22.82	39.93	37.99	25.60	62.80	-9.54	--	Average																																																																																																																																																															



Mode	3	
	Harmonic	
	U-NII-7_6.525-6.875_802.11ax HE160_CH143_6665MHz	
ANT	1 + 2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2026-06-11 Frequency (MHz) Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL	Level (dBuV/m) Date: 2026-06-11 Frequency (MHz) Site : 03CH21-HY Condition: AVG(UNII)_6E 3m DRH18-E_LE2C03A18EN_250807 VERTICAL



Mode	6																																																																																																																																																																																																																																												
	LF																																																																																																																																																																																																																																												
	U-NII-8_6.875-7.125_802.11ax HE20_CH233_7115MHz																																																																																																																																																																																																																																												
ANT	1 + 2																																																																																																																																																																																																																																												
Pol.	Horizontal							Vertical																																																																																																																																																																																																																																					
QP/ Peak																																																																																																																																																																																																																																													
	Site : 03CH21-HY Condition: QP 3m LF_633038001_251126 HORIZONTAL							Site : 03CH21-HY Condition: QP 3m LF_633038001_251126 VERTICAL																																																																																																																																																																																																																																					
	<table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>68.80</td><td>24.51</td><td>40.00</td><td>-15.49</td><td>43.34</td><td>12.21</td><td>1.40</td><td>32.47</td><td>0.03</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>99.84</td><td>33.08</td><td>43.50</td><td>-10.42</td><td>47.64</td><td>16.16</td><td>1.69</td><td>32.46</td><td>0.05</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>272.50</td><td>26.54</td><td>46.00</td><td>-19.46</td><td>37.21</td><td>18.89</td><td>2.84</td><td>32.47</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>285.11</td><td>36.13</td><td>46.00</td><td>-9.87</td><td>46.63</td><td>19.00</td><td>2.90</td><td>32.47</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>744.89</td><td>32.11</td><td>46.00</td><td>-13.89</td><td>31.57</td><td>28.25</td><td>4.72</td><td>32.57</td><td>0.14</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>955.38</td><td>34.11</td><td>46.00</td><td>-11.89</td><td>28.57</td><td>31.16</td><td>5.34</td><td>31.17</td><td>0.21</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	dB	cm	deg	1	68.80	24.51	40.00	-15.49	43.34	12.21	1.40	32.47	0.03	--	--	--	Peak	2	99.84	33.08	43.50	-10.42	47.64	16.16	1.69	32.46	0.05	--	--	--	Peak	3	272.50	26.54	46.00	-19.46	37.21	18.89	2.84	32.47	0.07	--	--	--	Peak	4	285.11	36.13	46.00	-9.87	46.63	19.00	2.90	32.47	0.07	--	--	--	Peak	5	744.89	32.11	46.00	-13.89	31.57	28.25	4.72	32.57	0.14	--	--	--	Peak	6	955.38	34.11	46.00	-11.89	28.57	31.16	5.34	31.17	0.21	--	--	--	Peak	<table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>33.88</td><td>31.17</td><td>40.00</td><td>-8.83</td><td>40.30</td><td>22.40</td><td>0.95</td><td>32.50</td><td>0.02</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>93.85</td><td>33.16</td><td>43.50</td><td>-10.34</td><td>48.61</td><td>15.31</td><td>1.64</td><td>32.45</td><td>0.05</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>263.77</td><td>23.88</td><td>46.00</td><td>-22.12</td><td>33.19</td><td>20.29</td><td>2.80</td><td>32.47</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>332.64</td><td>28.17</td><td>46.00</td><td>-17.83</td><td>37.57</td><td>19.89</td><td>3.15</td><td>32.51</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>753.62</td><td>30.19</td><td>46.00</td><td>-15.81</td><td>29.51</td><td>28.33</td><td>4.75</td><td>32.54</td><td>0.14</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>949.56</td><td>34.31</td><td>46.00</td><td>-11.69</td><td>28.91</td><td>31.10</td><td>5.33</td><td>31.23</td><td>0.20</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></table>								Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	dB	cm	deg	1	33.88	31.17	40.00	-8.83	40.30	22.40	0.95	32.50	0.02	--	--	--	Peak	2	93.85	33.16	43.50	-10.34	48.61	15.31	1.64	32.45	0.05	--	--	--	Peak	3	263.77	23.88	46.00	-22.12	33.19	20.29	2.80	32.47	0.07	--	--	--	Peak	4	332.64	28.17	46.00	-17.83	37.57	19.89	3.15	32.51	0.07	--	--	--	Peak	5	753.62	30.19	46.00	-15.81	29.51	28.33	4.75	32.54	0.14	--	--	--	Peak	6	949.56	34.31	46.00	-11.69	28.91	31.10	5.33	31.23	0.20	--	--	--
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																																
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1	68.80	24.51	40.00	-15.49	43.34	12.21	1.40	32.47	0.03	--	--	--	Peak																																																																																																																																																																																																																																
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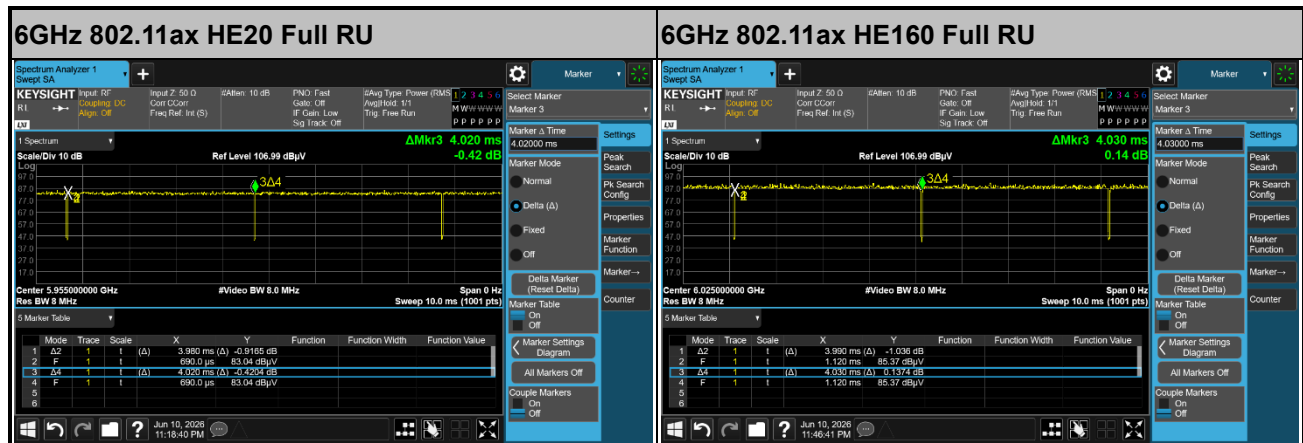
Mode	7																																																																																							
	SHF																																																																																							
	U-NII-8_6.875-7.125_802.11ax HE20_CH233_7115MHz																																																																																							
ANT	1 + 2																																																																																							
Pol.	Horizontal	Vertical																																																																																						
Peak	Level (dBuV/m) Date: 2026-06-11 Site : 03CH21-HY Condition: PEAK(UWII)_6E 1m BBHA9170_1223_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>21345.00</td><td>39.92</td><td>74.00</td><td>-34.08</td><td>46.08</td><td>38.10</td><td>26.50</td><td>61.22</td><td>-9.54</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	21345.00	39.92	74.00	-34.08	46.08	38.10	26.50	61.22	-9.54	--	Peak	Level (dBuV/m) Date: 2026-06-11 Site : 03CH21-HY Condition: PEAK(UWII)_6E 1m BBHA9170_1223_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>21345.00</td><td>39.55</td><td>74.00</td><td>-34.45</td><td>45.71</td><td>38.10</td><td>26.50</td><td>61.22</td><td>-9.54</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	21345.00	39.55	74.00	-34.45	45.71	38.10	26.50	61.22	-9.54	--	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																														
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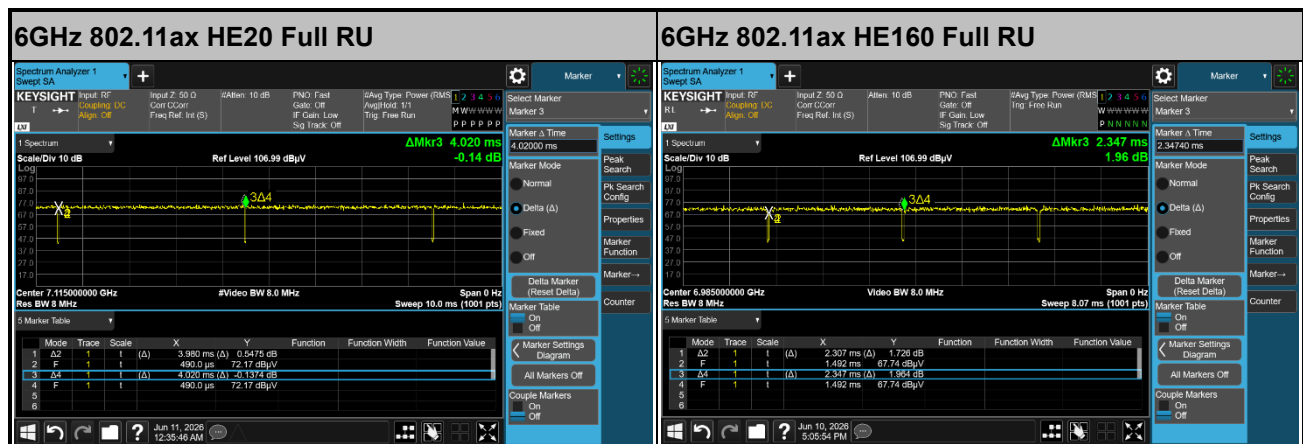
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	6GHz 802.11ax HE20 Full RU	99.00	-	-	10Hz
1+2	6GHz 802.11ax HE20 Full RU	99.00	-	-	10Hz
1	6GHz 802.11ax HE160 Full RU	99.01	-	-	10Hz
1+2	6GHz 802.11ax HE160 Full RU	98.38	-	-	10Hz

SISO <Antenna 1>



MIMO <Antenna 1+2>





Appendix G. Sample List

Features	Specifications
CPU	Intel, CPU WCL C5 320 (204) Intel, CPU WCL C5 315 (204) Intel, CPU WCL C3 304 (104)
Memory (On Board)	Samsung, K3KL9L90DM-MGCU (64Gb) SK Hynix, H58G66CK8BX147 (64Gb) Samsung, K3KL9L90EM-MGCU (64Gb) Samsung, K3KL8L80DM-MGCU (32Gb) SK Hynix, H58G56CK8BX146 (32Gb) Samsung, K3KL8L80EM-MGCU (32Gb)
PCB	AOSHIKANG, K-3 ZHIBOXIN, zbx002
WLAN	Intel, Wi-Fi 6E AX211.D2WG.NV
SSD	Samsung, MZVL8512HFLU-00B07 (512GB) PM9C1b Phison ESO512GTLCL-EM1-2AK (512GB) ABT3 TWSC, TSC1DN256-F8T30ST (256GB) Phison, ESO01TBTCLCL-EM1-2AK (1TB) ABT3 Phison, ESO256GHLCJ-EL1-2AK (256G) ABT2 Samsung MZVL81T0HFLB-00B07 (1TB) PM9C1b Samsung, MZVL8256HFJD-00B07 (256GB) PM9C1b SK Hynix, HFS001TEM9X174N (1TB) PCV10 SK Hynix, HFS512GEM9X174N (512GB) PVC10 LONGSYS, APF20-256G-P28111321A (256GB)
Display	K&D tech, KD140N52-30NI-A001 K&D tech, KD140N57-40IE-A001 STARRY ELECTRONIC TECHNOLOGY, 2061140OP8045002-52E
Battery	Ganfeng, BATLG14S1P61
Camera	Shinotech, GL213B-0A SUNWIN, SIDCF020S1161-VA
Adapter	PI Electronics, LP65WFC20P HONOR, LP65WFC20H
Antenna	Innowave, main & aux antenna Speed, main & aux antenna

Priority	Vendor	Part Number	Sample 1	Sample 2	Sample 3	Sample 4
CPU	Intel	CPU WCL C5 320 (204)	V			V
		CPU WCL C5 315 (204)		V		
		CPU WCL C3 304 (104)			V	
Memory (On Board)	Samsung	K3KL9L90DM-MGCU (64Gb)		V		
	SK Hynix	H58G66CK8BX147 (64Gb)	V			V
	Samsung	K3KL9L90EM-MGCU (64Gb)			V	
	Samsung	K3KL8L80DM-MGCU (32Gb)				
	SK Hynix	H58G56CK8BX146 (32Gb)				
	Samsung	K3KL8L80EM-MGCU (32Gb)				
PCB	AOSHIKANG	K-3	V	V		V
	ZHIBOXIN	zbx002			V	
WLAN	Intel	Wi-Fi 6E AX211.D2WG.NV	V	V	V	V
SSD	Samsung	MZVL8512HFLU-00B07 (512GB) PM9C1b	V			
	Phison	ESO512GTLCL-EM1- 2AK (512GB) ABT3		V		
	TWSC	TSC1DN256-F8T30ST (256GB)			V	
	Phison	ESO01TBTCLCL-EM1- 2AK (1TB) ABT3				V
	Phison	ESO256GHL CJ-EL1- 2AK (256G) ABT2				
	Samsung	MZVL81T0HFLB-00B07 (1TB) PM9C1b				
	Samsung	MZVL8256HFJD-00B07 (256GB) PM9C1b				
	SK Hynix	HFS001TEM9X174N (1TB) PCV10				
	LONGSYS	APF20-256G- P28111321A (256GB)				
Display	K&D tech	KD140N52-30NI-A001	V			V
	K&D tech	KD140N57-40IE-A001		V		
	STARRY ELECTRONIC TECHNOLOGY	20611400P8045002- 52E			V	
Battery	Ganfeng,	BATLG14S1P61	V	V	V	V
Camera	Shinotech,	GL213B-0A	V	V		V
	SUNWIN	SIDCF020S1161-VA			V	
Adapter	PI Electronics	LP65WFC20P	V	V	V	V
	HONOR,	LP65WFC20H	V	V	V	V
Antenna	Innowave	main & aux antenna	V	V		V
	Speed	main & aux antenna			V	

Priority	Vendor	Part Number	Sample 5	Sample 6	Sample 7
CPU	Intel	CPU WCL C5 320 (204)	V	V	V
		CPU WCL C5 315 (204)			
		CPU WCL C3 304 (104)			
Memory (On Board)	Samsung	K3KL9L90DM-MGCU (64Gb)			
	SK Hynix	H58G66CK8BX147 (64Gb)	V	V	V
	Samsung	K3KL9L90EM-MGCU (64Gb)			
	Samsung	K3KL8L80DM-MGCU (32Gb)			
	SK Hynix	H58G56CK8BX146 (32Gb)			
	Samsung	K3KL8L80EM-MGCU (32Gb)			
PCB	AOSHIKANG	K-3	V	V	V
	ZHIBOXIN	zbx002			
WLAN	Intel	Wi-Fi 6E AX211.D2WG.NV	V	V	V
SSD	Samsung	MZVL8512HFLU-00B07 (512GB) PM9C1b			
	Phison	ESO512GTLCL-EM1- 2AK (512GB) ABT3			
	TWSC	TSC1DN256-F8T30ST (256GB)			
	Phison	ESO01TBTCLCL-EM1- 2AK (1TB) ABT3			
	Phison	ESO256GHLCL-EL1- 2AK (256G) ABT2			
	Samsung	MZVL81T0HFLB-00B07 (1TB) PM9C1b	V		
	Samsung	MZVL8256HFJD-00B07 (256GB) PM9C1b			
	SK Hynix	HFS001TEM9X174N (1TB) PCV10		V	
	LONGSYS	APF20-256G- P28111321A (256GB)			V
Display	K&D tech	KD140N52-30NI-A001	V	V	V
	K&D tech	KD140N57-40IE-A001			
	STARRY ELECTRONIC TECHNOLOGY	20611400P8045002- 52E			
Battery	Ganfeng,	BATLG14S1P61	V	V	V
Camera	Shinotech,	GL213B-0A	V	V	V
	SUNWIN	SIDCF020S1161-VA			
Adapter	PI Electronics	LP65WFC20P	V	V	V
	HONOR	LP65WFC20H	V	V	V
Antenna	Innowave	main & aux antenna	V	V	V
	Speed	main & aux antenna			