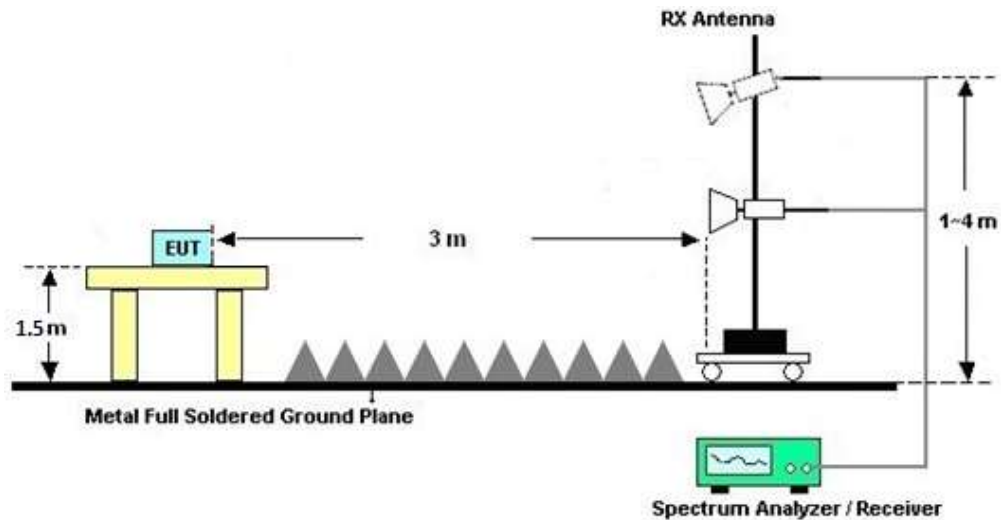
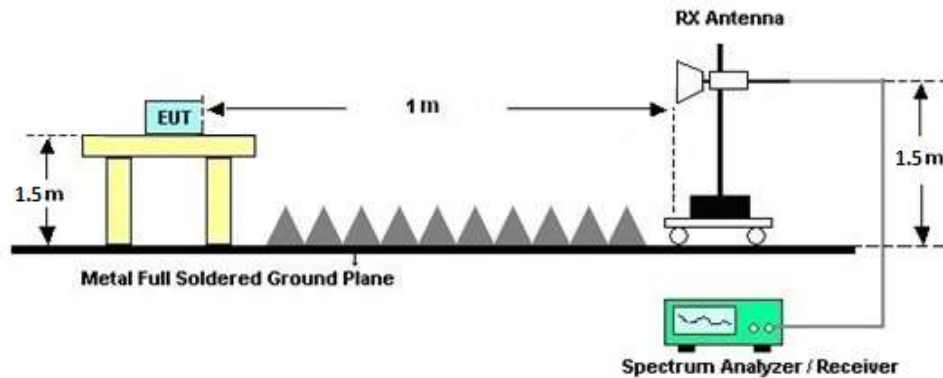


For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was 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 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 Unwanted Radiated Emission (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	RPR3006W	17100015SNO 37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Jun. 09, 2026	Nov. 13, 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)
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
---	--------

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
---	--------

Appendix A. Test Result of Conducted Test Items

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

TEST RESULTS DATA
Average Power Table

UNII-4 single antenna													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	169	5845	15.90	15.90		1.29	2.71	17.19	18.61	30	30
11a	6Mbps	1	173	5865	15.90	15.80		1.29	2.71	17.19	18.51	30	30
11a	6Mbps	1	177	5885	15.90	16.00		1.29	2.71	17.19	18.71	30	30
HT20	MCS0	1	169	5845	15.80	15.80		1.29	2.71	17.09	18.51	30	30
HT20	MCS0	1	173	5865	15.80	15.70		1.29	2.71	17.09	18.41	30	30
HT20	MCS0	1	177	5885	15.70	15.90		1.29	2.71	16.99	18.61	30	30
HT40	MCS0	1	167	5835	15.80	15.80		1.29	2.71	17.09	18.51	30	30
HT40	MCS0	1	175	5875	15.80	15.80		1.29	2.71	17.09	18.51	30	30
VHT80	MCS0	1	171	5855	15.90	15.90		1.29	2.71	17.19	18.61	30	30
VHT160	MCS0	1	163	5815	15.70	15.90		1.29	2.71	16.99	18.61	30	30

Power Setting	
Ant 1	Ant 2
16	15.5
16	15.5
16	16
16	15.5
16	15.5
16	16
15.5	15.5
15.5	15.5
16	15.5
15.5	15.5

UNII-4 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HT20	MCS8	2	169	5845	15.60	16.00	18.81	2.71		21.52		30	
HT20	MCS8	2	173	5865	15.70	16.00	18.86	2.71		21.57		30	
HT20	MCS8	2	177	5885	15.60	15.80	18.71	2.71		21.42		30	
HT40	MCS8	2	167	5835	15.60	15.90	18.76	2.71		21.47		30	
HT40	MCS8	2	175	5875	15.80	15.70	18.76	2.71		21.47		30	
VHT80	MCS0	2	171	5855	15.60	15.80	18.71	2.71		21.42		30	
VHT160	MCS0	2	163	5815	15.70	16.00	18.86	2.71		21.57		30	

Power Setting	
Ant 1 + Ant 2	
16	
16	
16	
15.5	
15.5	
15.5	
15.5	

TEST RESULTS DATA
Average Power Table

UNII-4 single antenna														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	1	169	5845	Full	15.90	15.90		1.29	2.71	17.19	18.61	30	30
HE20	MCS0	1	173	5865	Full	16.00	15.80		1.29	2.71	17.29	18.51	30	30
HE20	MCS0	1	177	5885	Full	15.90	16.00		1.29	2.71	17.19	18.71	30	30
HE40	MCS0	1	167	5835	Full	16.00	16.00		1.29	2.71	17.29	18.71	30	30
HE40	MCS0	1	175	5875	Full	16.00	16.00		1.29	2.71	17.29	18.71	30	30
HE80	MCS0	1	171	5855	Full	16.00	16.00		1.29	2.71	17.29	18.71	30	30
HE160	MCS0	1	163	5815	Full	16.00	16.00		1.29	2.71	17.29	18.71	30	30

Power Setting	
Ant 1	Ant 2
16	15.5
16	15.5
16	16
16	15.5
16	15.5
16	16
16	15.5

UNII-4 MIMO														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)	
						Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
HE20	MCS0	2	169	5845	Full	15.80	16.00	18.91	2.71		21.62		30	
HE20	MCS0	2	173	5865	Full	15.90	16.00	18.96	2.71		21.67		30	
HE20	MCS0	2	177	5885	Full	15.80	15.90	18.86	2.71		21.57		30	
HE40	MCS0	2	167	5835	Full	15.90	16.00	18.96	2.71		21.67		30	
HE40	MCS0	2	175	5875	Full	15.90	15.90	18.91	2.71		21.62		30	
HE80	MCS0	2	171	5855	Full	15.80	16.00	18.91	2.71		21.62		30	
HE160	MCS0	2	163	5815	Full	15.90	16.00	18.96	2.71		21.67		30	

Power Setting	
Ant 1 + Ant 2	
16	
16	
16	
16	
16	
16	
15.5	



Appendix B1. Conducted Spurious Emission

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

<Ant 1+2 (1)>

UNII-4 5850~5895MHz

WIFI 802.11ax HE20_Full (Band Edge)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	MIMO	Grounding	Peak
Ant. 1+2 (1)		(MHz)	(dBm)	Limit (dB)	Line (dBm)	Level (dBm)	Gain (dBi)	Loss (dB)	Factor (dB)	Factor (dB)	Average (P/A)
802.11ax HE20 Full CH 169 5845MHz		5601.18	-42.02	-15.02	-27	-49.97	2.09	2.85	3.01	0	P
		5655.165	-41.99	-18.83	-23.16	-49.91	2.09	2.82	3.01	0	P
		5701.775	-42.61	-53.11	10.5	-50.51	2.09	2.8	3.01	0	P
		5722.72	-43.71	-65.51	21.8	-51.6	2.09	2.79	3.01	0	P
	*	5845	14.79	-	-	6.88	2.09	2.81	3.01	0	P
	*	5845	4.03	-	-	-3.88	2.09	2.81	3.01	0	A
		5919.75	-42.84	-39.68	-3.16	-50.86	2.09	2.92	3.01	0	P
		5956	-42.31	-35.31	-7	-50.38	2.09	2.97	3.01	0	P
		5908.5	-51.16	-36.25	-14.91	-59.15	2.09	2.89	3.01	0	A
802.11ax HE20 Full CH 177 5885MHz		5962.75	-50.82	-23.82	-27	-58.89	2.09	2.97	3.01	0	A
		5615.34	-43.29	-16.29	-27	-51.23	2.09	2.84	3.01	0	P
		5665.195	-41.83	-26.11	-15.72	-49.75	2.09	2.82	3.01	0	P
		5713.28	-43.23	-56.95	13.72	-51.12	2.09	2.79	3.01	0	P
		5724.195	-45.77	-70.94	25.17	-53.66	2.09	2.79	3.01	0	P
	*	5885	14.78	-	-	6.82	2.09	2.86	3.01	0	P
	*	5885	4.38	-	-	-3.58	2.09	2.86	3.01	0	A
		5895	-2.65	-17.65	15	-10.64	2.09	2.89	3.01	0	P
		5951.5	-41.36	-34.36	-7	-49.43	2.09	2.97	3.01	0	P
Remark		5895	-5.86	-0.86	-5	-13.85	2.09	2.89	3.01	0	A
		5925.75	-51.01	-24.01	-27	-59.03	2.09	2.92	3.01	0	A
- No other spurious found. - All results are PASS against Peak and Average limit line.											

**UNII-4 5850~5895MHz****WIFI 802.11ax HE160_Full (Band Edge)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Gain	Path Loss	MIMO Factor	Grounding Factor	Peak Average
1+2 (1)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dBi)	(dB)	(dB)	(dB)	(P/A)
802.11ax HE160 Full CH 163 5815MHz		5642.185	-39.9	-12.9	-27	-47.83	2.09	2.83	3.01	0	P
		5667.555	-37.1	-23.13	-13.97	-45.02	2.09	2.82	3.01	0	P
		5720.065	-38.61	-54.36	15.75	-46.5	2.09	2.79	3.01	0	P
		5720.065	-38.61	-54.36	15.75	-46.5	2.09	2.79	3.01	0	P
		5815	6.7	-	-	-1.18	2.09	2.78	3.01	0	P
		5815	-4.97	-	-	-12.85	2.09	2.78	3.01	0	A
		5895	-21.05	-36.05	15	-29.04	2.09	2.89	3.01	0	P
		5981.75	-33.97	-26.97	-7	-42.07	2.09	3	3.01	0	P
		5895	-28.78	-23.78	-5	-36.77	2.09	2.89	3.01	0	A
		5968.75	-42.42	-15.42	-27	-50.49	2.09	2.97	3.01	0	A
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Appendix B2. Conducted Spurious Emission

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

<Ant 1+2 (2)>

UNII-4 5850~5895MHz

WIFI 802.11ax HE20_Full (Band Edge)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	MIMO	Grounding	Peak
Ant. 1+2 (2)		(MHz)	(dBm)	Limit (dB)	Line (dBm)	Level (dBm)	Gain (dBi)	Loss (dB)	Factor (dB)	Factor (dB)	Average (P/A)
802.11ax HE20 Full CH 169 5845MHz		5643.07	-42.06	-15.06	-27	-50.62	2.71	2.84	3.01	0	P
		5670.8	-43.16	-31.59	-11.57	-51.71	2.71	2.83	3.01	0	P
		5701.185	-43.93	-54.26	10.33	-52.46	2.71	2.81	3.01	0	P
		5720.36	-43.31	-59.73	16.42	-51.82	2.71	2.79	3.01	0	P
	*	5845	15.3	-	-	6.75	2.71	2.83	3.01	0	P
	*	5845	4.31	-	-	-4.24	2.71	2.83	3.01	0	A
		5901.5	-41.53	-51.75	10.22	-50.21	2.71	2.96	3.01	0	P
		5966.25	-41.13	-34.13	-7	-49.94	2.71	3.09	3.01	0	P
		5920	-50.67	-27.33	-23.34	-59.39	2.71	3	3.01	0	A
802.11ax HE20 Full CH 177 5885MHz		5988.25	-50.37	-23.37	-27	-59.22	2.71	3.13	3.01	0	A
		5649.855	-41.99	-14.99	-27	-50.55	2.71	2.84	3.01	0	P
		5710.035	-42.95	-55.76	12.81	-51.48	2.71	2.81	3.01	0	P
		5724.49	-43.9	-69.74	25.84	-52.41	2.71	2.79	3.01	0	P
	*	5885	15.97	-	-	7.33	2.71	2.92	3.01	0	P
	*	5885	5.04	-	-	-3.6	2.71	2.92	3.01	0	A
		5895	-2.84	-17.84	15	-11.52	2.71	2.96	3.01	0	P
		5949.25	-39.88	-32.88	-7	-48.64	2.71	3.04	3.01	0	P
		5895	-5.3	-0.3	-5	-13.98	2.71	2.96	3.01	0	A
Remark	●	No other spurious found.									
	●	All results are PASS against Peak and Average limit line.									

**UNII-4 5850~5895MHz****WIFI 802.11ax HE160_Full (Band Edge)**

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Gain	Path Loss	MIMO Factor	Grounding Factor	Peak Average
1+2 (2)		(MHz)	(dBm)	(dB)	(dBm)	(dBm)	(dBi)	(dB)	(dB)	(dB)	(P/A)
802.11ax HE160 Full CH 163 5815MHz		5645.43	-37.54	-10.54	-27	-46.1	2.71	2.84	3.01	0	P
		5666.375	-38.53	-23.68	-14.85	-47.08	2.71	2.83	3.01	0	P
		5718	-39.4	-54.44	15.04	-47.91	2.71	2.79	3.01	0	P
		5724.785	-39.57	-66.08	26.51	-48.08	2.71	2.79	3.01	0	P
	*	5815	7.82	-	-	-0.69	2.71	2.79	3.01	0	P
	*	5815	-4.41	-	-	-12.92	2.71	2.79	3.01	0	A
		5895	-17.27	-32.27	15	-25.95	2.71	2.96	3.01	0	P
		5942	-31.29	-24.29	-7	-40.05	2.71	3.04	3.01	0	P
		5895	-28.87	-23.87	-5	-37.55	2.71	2.96	3.01	0	A
		5962.5	-41.06	-14.06	-27	-49.87	2.71	3.09	3.01	0	A
Remark	● No other spurious found. ● All results are PASS against Peak and Average limit line.										



Appendix C1. 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

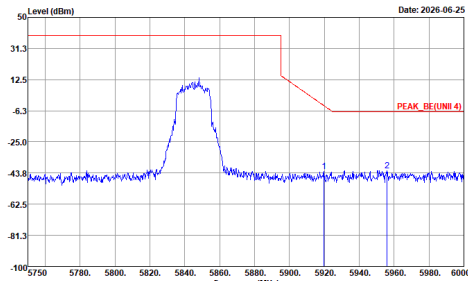
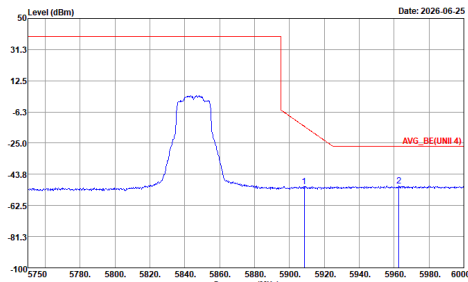
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UNII-4 5850~5895MHz
WIFI 802.11ax HE20 Full (Band Edge)

WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 169 5845MHz -L	
1+2 (1)	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII4)_16-24 ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 1 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 1 Data Rate : MCS0
Avg.	Left Blank	Site : TH05-HY Condition : FCC CLASS B(AVG)_CON ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 1 Data Rate : MCS0

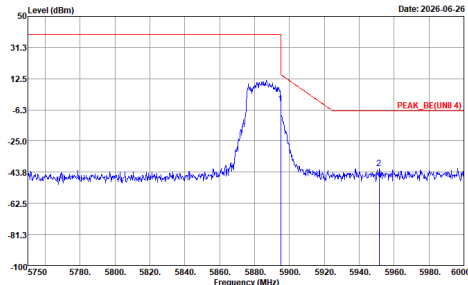
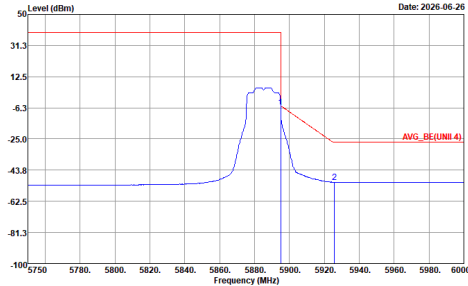


WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 169 5845MHz -R	
1+2 (1)	Band Edge	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII 4) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 1 Data Rate : MCS0	Left Blank
Avg.	 Site : TH05-HY Condition : AVG_BE(UNII 4) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 1 Data Rate : MCS0	Left Blank



WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 177 5885MHz -L	
1+2 (1)	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII4)_16-24 ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 1 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 1 Data Rate : MCS0
Avg.	Left Blank	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 1 Data Rate : MCS0



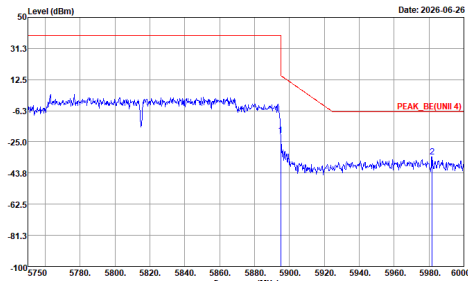
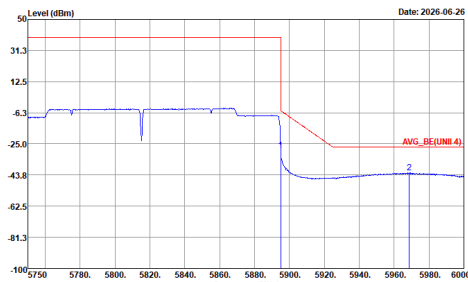
WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 177 5885MHz -R	
1+2 (1)	Band Edge	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII 4) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 1 Data Rate : MCS0	Left Blank
Avg.	 Site : TH05-HY Condition : AVG_BE(UNII 4) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 1 Data Rate : MCS0	Left Blank



UNII-4 5850~5895MHz
WIFI 802.11ax HE160 Full (Band Edge)

WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE160 Full CH 163 5815MHz -L	
1+2 (1)	Band Edge	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII4)_16-24 ANT GAIN+2.09 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz Detector : Peak Project : 651934 Mode : 21 Setting : 16 Ant : 1 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII) ANT GAIN+2.09 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz Detector : Peak Project : 651934 Mode : 21 Setting : 16 Ant : 1 Data Rate : MCS0
Avg.	Left Blank	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT GAIN+2.09 HORIZONTAL RBW: 1000.000KHz VBW: 3000.000KHz Detector : Peak Project : 651934 Mode : 21 Setting : 16 Ant : 1 Data Rate : MCS0



WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE160 Full CH 163 5815MHz -R	
1+2 (1)	Band Edge	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII 4) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 21 Setting : 16 Ant : 1 Data Rate : MCS0	Left Blank
Avg.	 Site : TH05-HY Condition : AVG_BE(UNII 4) ANT GAIN+2.09 HORIZONTAL Detector : Peak Project : 651934 Mode : 21 Setting : 16 Ant : 1 Data Rate : MCS0	Left Blank



Appendix C2. Conducted Spurious Emission Plots

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

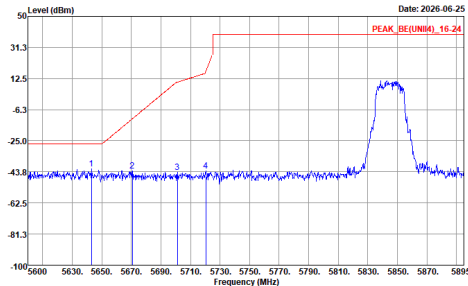
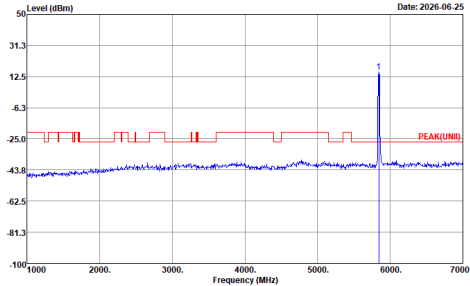
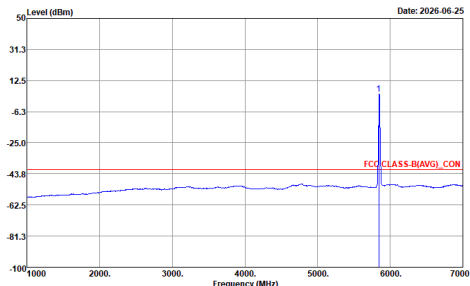
Note symbol

-L	Low channel location
-R	High channel location

<Ant 1+2 (2)>



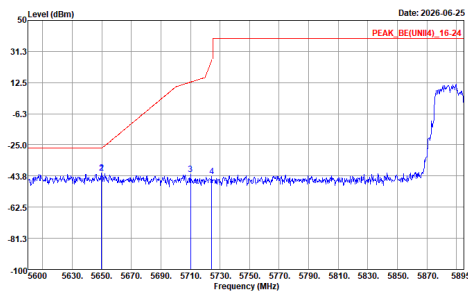
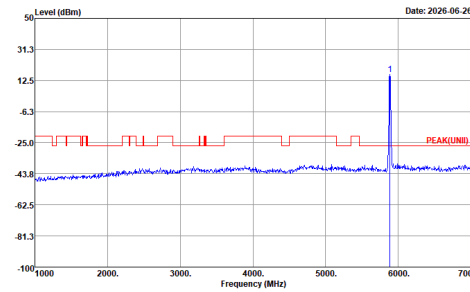
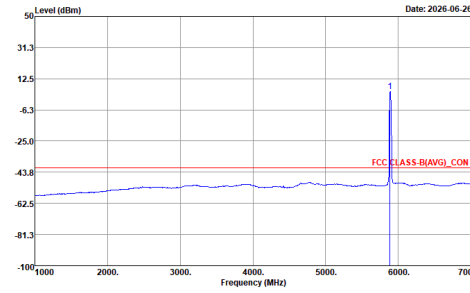
UNII-4 5850~5895MHz
WIFI 802.11ax HE20 Full (Band Edge)

WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 169 5845MHz -L	
1+2 (2)	CSE	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII4)_16-24 ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 2 Data Rate : MCS0	 Site : TH05-HY Condition : PEAK(UNII) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 2 Data Rate : MCS0
Avg.	Left Blank	 Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 2 Data Rate : MCS0

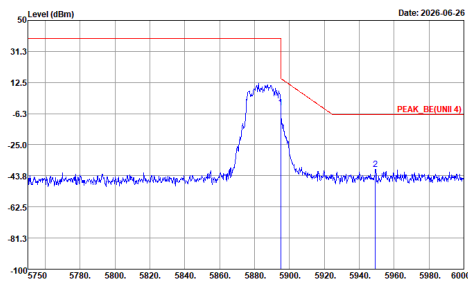
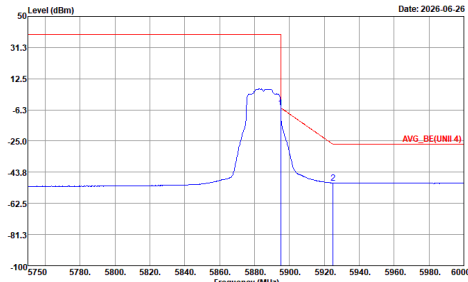


WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 169 5845MHz -R	
1+2 (2)	CSE	Fundamental
Peak	Level (dBm) Frequency (MHz) Date: 2026-06-25 PEAK_BE(UNII 4) 1 2 Site : TH05-HY Condition : PEAK_BE(UNII 4) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 2 Data Rate : MCS0	Left Blank
Avg.	Level (dBm) Frequency (MHz) Date: 2026-06-26 AVG_BE(UNII 4) 1 2 Site : TH05-HY Condition : AVG_BE(UNII 4) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 18 Setting : 16 Ant : 2 Data Rate : MCS0	Left Blank



WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 177 5885MHz -L	
1+2 (2)	CSE	Fundamental
Peak	 Site : TH05-HY Condition : PEAK (BE(UNID)) 16.24 ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 2 Data Rate : MCS0	 Site : TH05-HY Condition : PEAK(UNID) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 2 Data Rate : MCS0
Avg.	Left Blank	 Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 2 Data Rate : MCS0



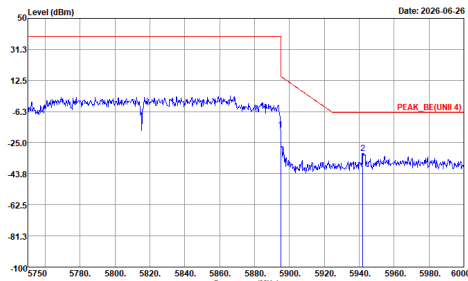
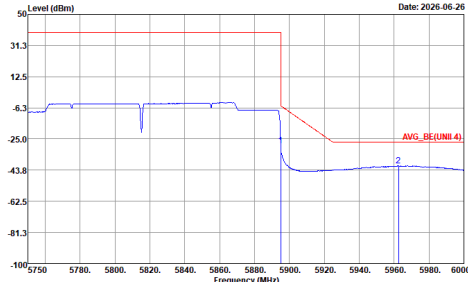
WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE20 Full CH 177 5885MHz -R	
1+2 (2)	CSE	Fundamental
Peak	 Date: 2026-06-26 Site : TH05-HY Condition : PEAK_BE(UNII 4) ANT GAIN+2.71 HORIZONTAL REBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 2 Data Rate : MCS0	Left Blank
Avg.	 Date: 2026-06-26 Site : TH05-HY Condition : AVG_BE(UNII 4) ANT GAIN+2.71 HORIZONTAL REBW:1000.000KHz VBW:3000.000KHz Detector : Peak Project : 651934 Mode : 20 Setting : 16 Ant : 2 Data Rate : MCS0	Left Blank



UNII-4 5850~5895MHz
WIFI 802.11ax HE160 Full (Band Edge)

WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE160 Full CH 163 5815MHz -L	
1+2 (2)	CSE	Fundamental
Peak	Site : TH05-HY Condition : PEAK_BE(UNII)_16-24 ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 21 Setting : 15.5 Ant : 2 Data Rate : MCS0	Site : TH05-HY Condition : PEAK(UNII) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 21 Setting : 15.5 Ant : 2 Data Rate : MCS0
Avg.	Left Blank	Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : 21 Setting : 15.5 Ant : 2 Data Rate : MCS0



WIFI	UNII-4 5850~5895MHz	
ANT	802.11ax HE160 Full CH 163 5815MHz -R	
1+2 (2)	CSE	Fundamental
Peak	 Site : TH05-HY Condition : PEAK_BE(UNII 4) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : Z1 Setting : 15.5 Ant : 2 Data Rate : MCS0	Left Blank
Avg.	 Site : TH05-HY Condition : AVG_BE(UNII 4) ANT GAIN+2.71 HORIZONTAL Detector : Peak Project : 651934 Mode : Z1 Setting : 15.5 Ant : 2 Data Rate : MCS0	Left Blank



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

D1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 19	U-NII-4	5.85~5.895	1 + 2	802.11ax HE20	173	5865	MCS0	-	-
Mode 22	U-NII-4	5.85~5.895	1 + 2	802.11ax HE160	163	5815	MCS0	-	LF
Mode 23	U-NII-4	5.85~5.895	1 + 2	802.11ax HE160	163	5815	MCS0	-	SHF

D2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
19	802.11ax HE20	173	-	-	-	-	-	-	-	-	Band Edge
20	802.11ax HE20	173	11730.00	40.92	54.00	-13.08	V	Avg.	Pass	-	Harmonic
22	LF	163	741.01	38.57	46.00	-7.43	H	Peak	Pass	-	LF
23	SHF	163	39450.00	52.28	74.00	-21.72	V	Peak	Pass	-	SHF

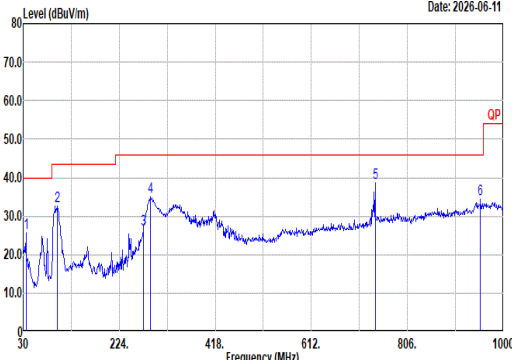
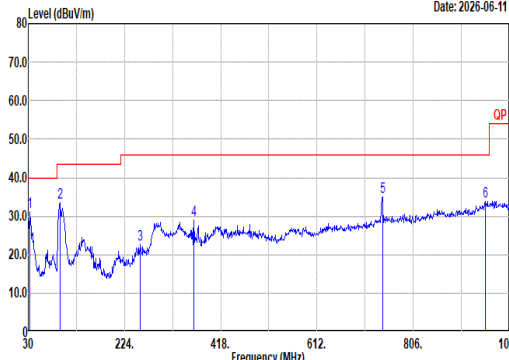


Mode	19																																																																																																																																							
	Harmonic																																																																																																																																							
	U-NII-4_5.85~5.895_802.11ax HE20_CH173_5865MHz																																																																																																																																							
ANT	1 + 2																																																																																																																																							
Pol.	Horizontal	Vertical																																																																																																																																						
Peak Avg	Level (dBuV/m) Date: 2026-06-10 Site : 03CH21-HY Condition: PEAK(UNII) 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>11730.00</td><td>51.90</td><td>74.00</td><td>-22.10</td><td>33.31</td><td>38.40</td><td>19.22</td><td>41.05</td><td>2.02</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>11730.00</td><td>40.89</td><td>54.00</td><td>-13.11</td><td>22.30</td><td>38.40</td><td>19.22</td><td>41.05</td><td>2.02</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>17595.00</td><td>53.67</td><td>68.20</td><td>-14.53</td><td>35.13</td><td>39.98</td><td>23.89</td><td>47.79</td><td>2.46</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	11730.00	51.90	74.00	-22.10	33.31	38.40	19.22	41.05	2.02	--	Peak	2	11730.00	40.89	54.00	-13.11	22.30	38.40	19.22	41.05	2.02	--	Average	3	17595.00	53.67	68.20	-14.53	35.13	39.98	23.89	47.79	2.46	--	Peak	Level (dBuV/m) Date: 2026-06-10 Site : 03CH21-HY Condition: PEAK(UNII) 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>11730.00</td><td>52.32</td><td>74.00</td><td>-21.68</td><td>33.73</td><td>38.40</td><td>19.22</td><td>41.05</td><td>2.02</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>11730.00</td><td>40.92</td><td>54.00</td><td>-13.08</td><td>22.33</td><td>38.40</td><td>19.22</td><td>41.05</td><td>2.02</td><td>--</td><td>Average</td></tr><tr><td>3</td><td>17595.00</td><td>53.41</td><td>68.20</td><td>-14.79</td><td>34.87</td><td>39.98</td><td>23.89</td><td>47.79</td><td>2.46</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	11730.00	52.32	74.00	-21.68	33.73	38.40	19.22	41.05	2.02	--	Peak	2	11730.00	40.92	54.00	-13.08	22.33	38.40	19.22	41.05	2.02	--	Average	3	17595.00	53.41	68.20	-14.79	34.87	39.98	23.89	47.79	2.46	--	Peak
		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	11730.00	51.90	74.00	-22.10	33.31	38.40	19.22	41.05	2.02	--	Peak																																																																																																																													
2	11730.00	40.89	54.00	-13.11	22.30	38.40	19.22	41.05	2.02	--	Average																																																																																																																													
3	17595.00	53.67	68.20	-14.53	35.13	39.98	23.89	47.79	2.46	--	Peak																																																																																																																													
	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	11730.00	52.32	74.00	-21.68	33.73	38.40	19.22	41.05	2.02	--	Peak																																																																																																																													
2	11730.00	40.92	54.00	-13.08	22.33	38.40	19.22	41.05	2.02	--	Average																																																																																																																													
3	17595.00	53.41	68.20	-14.79	34.87	39.98	23.89	47.79	2.46	--	Peak																																																																																																																													



Mode	19	
	Harmonic	
	U-NII-4_5.85~5.895_802.11ax HE20_CH173_5865MHz	
ANT	1 + 2	
Pol.	Horizontal	Vertical
10.6G ~18G Avg	Level (dBuV/m) Date: 2026-06-10 AVG(UNII 4) Frequency (MHz) Site : 03CH21-HY Condition: AVG(UNII 4) 3m DRH18-E_LE2C03A18EN_250807 HORIZONTAL	Level (dBuV/m) Date: 2026-06-10 AVG(UNII 4) Frequency (MHz) Site : 03CH21-HY Condition: AVG(UNII 4) 3m DRH18-E_LE2C03A18EN_250807 VERTICAL



Mode	22																																																																																																																												
	LF																																																																																																																												
	U-NII-4_5.85~5.895_802.11ax HE160_CH163_5815MHz																																																																																																																												
ANT	1 + 2																																																																																																																												
Pol.	Horizontal							Vertical																																																																																																																					
QP/ Peak	Level (dBuV/m) Date: 2026-06-11 							Level (dBuV/m) Date: 2026-06-11 																																																																																																																					
	Site : 03CH21-HY Condition: QP 3m LF_633038001_251126 HORIZONTAL																																																																																																																												
	<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>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>35.82</td><td>25.65</td><td>40.00</td><td>-14.35</td><td>35.60</td><td>21.55</td><td>0.98</td><td>32.50</td><td>0.02</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>98.87</td><td>32.57</td><td>43.50</td><td>-10.93</td><td>47.25</td><td>16.05</td><td>1.68</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>26.45</td><td>46.00</td><td>-19.55</td><td>37.12</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>287.05</td><td>34.87</td><td>46.00</td><td>-11.13</td><td>45.28</td><td>19.08</td><td>2.91</td><td>32.47</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>741.01</td><td>38.57</td><td>46.00</td><td>-7.43</td><td>38.06</td><td>28.24</td><td>4.71</td><td>32.58</td><td>0.14</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>953.44</td><td>34.48</td><td>46.00</td><td>-11.52</td><td>28.95</td><td>31.18</td><td>5.34</td><td>31.19</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	dB	dBuV	dB/m	dB	dB	dB	cm	deg		1	35.82	25.65	40.00	-14.35	35.60	21.55	0.98	32.50	0.02	--	--	--	Peak	2	98.87	32.57	43.50	-10.93	47.25	16.05	1.68	32.46	0.05	--	--	--	Peak	3	272.50	26.45	46.00	-19.55	37.12	18.89	2.84	32.47	0.07	--	--	--	Peak	4	287.05	34.87	46.00	-11.13	45.28	19.08	2.91	32.47	0.07	--	--	--	Peak	5	741.01	38.57	46.00	-7.43	38.06	28.24	4.71	32.58	0.14	--	--	--	Peak	6	953.44	34.48	46.00	-11.52	28.95	31.18	5.34	31.19	0.20	--	--	--
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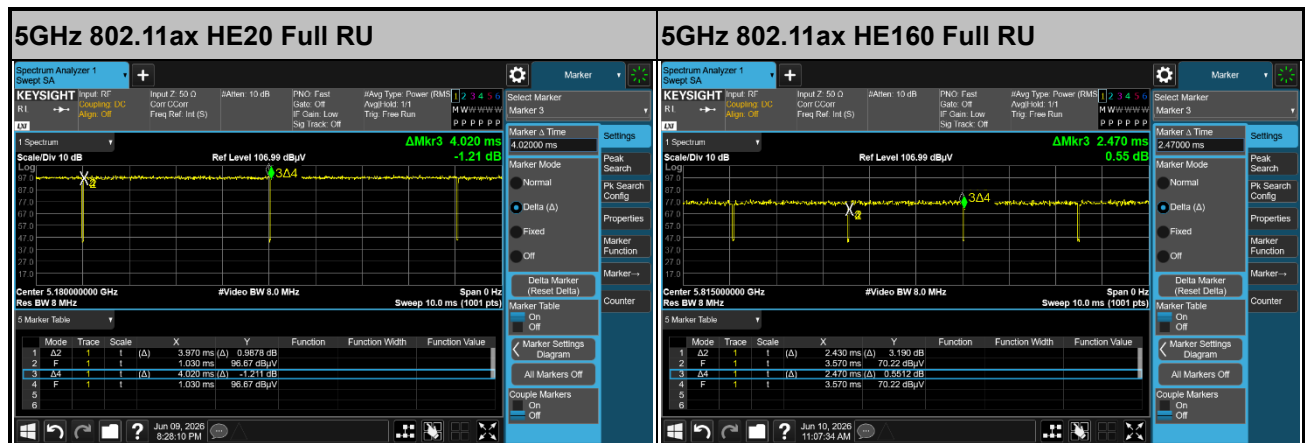


Mode	23																																																																																			
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ANT	1 + 2																																																																																			
Pol.	Horizontal	Vertical																																																																																		
Peak	Level (dBuV/m) Date: 2026-06-11 Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot shows a red line for the limit and a blue line for the measured signal. The measured signal is below the limit. The limit is labeled PEAK(UNII) and the measured signal is labeled AVG_64. Site : 03CH21-HY Condition: PEAK(UNII) 1m BBHA9170_1223_250702 HORIZONTAL <table><tr><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>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>cm</th><th>deg</th></tr><tr><td>1 39362.00</td><td>51.79</td><td>74.00</td><td>-22.21</td><td>39.24</td><td>45.48</td><td>37.24</td><td>60.63</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	dB	cm	deg	1 39362.00	51.79	74.00	-22.21	39.24	45.48	37.24	60.63	-9.54	--	-- Peak	Level (dBuV/m) Date: 2026-06-11 Vertical Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz). The plot shows a red line for the limit and a blue line for the measured signal. The measured signal is below the limit. The limit is labeled PEAK(UNII) and the measured signal is labeled AVG_64. Site : 03CH21-HY Condition: PEAK(UNII) 1m BBHA9170_1223_250702 VERTICAL <table><tr><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>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>cm</th><th>deg</th></tr><tr><td>1 39450.00</td><td>52.28</td><td>74.00</td><td>-21.72</td><td>39.25</td><td>45.90</td><td>37.28</td><td>60.61</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	dB	cm	deg	1 39450.00	52.28	74.00	-21.72	39.25	45.90	37.28	60.61	-9.54	--	-- Peak
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Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2	5GHz 802.11ax HE20 Full RU	98.76	-	-	10Hz
1+2	5GHz 802.11ax HE160 Full RU	98.38	-	-	10Hz

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	2061140OP8045002- 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			