UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	45.52	-28.48	74	52.22	38.98	15.1	60.78	-	-	P	H
		12511	48.25	-25.75	74	55.63	38.71	15.59	61.68	-	-	P	H
		12511	39.46	-14.54	54	46.84	38.71	15.59	61.68	-	-	A	H
		14491	48.29	-25.71	74	54.78	40.51	16.48	63.48	-	-	P	H
		14491	39.5	-14.5	54	45.99	40.51	16.48	63.48	-	-	A	H
		17160	45.84	-22.36	68.2	48.12	37.9	18.23	58.41	-	-	P	H
		18000	52.22	-21.78	74	47.35	43.1	18.94	57.17	-	-	P	H
		18000	43.43	-10.57	54	38.56	43.1	18.94	57.17	-	-	A	H
													H
													H
802.11ax													H
HE20 Full													H
CH 144		11440	45.29	-28.71	74	51.99	38.98	15.1	60.78	-	-	P	V
5720MHz		12522	47.6	-26.4	74	54.96	38.72	15.6	61.68	-	-	P	V
		12522	38.81	-15.19	54	46.17	38.72	15.6	61.68	-	-	A	V
		14480	47.73	-26.27	74	54.21	40.52	16.47	63.47	-	-	P	V
		14480	38.94	-15.06	54	45.42	40.52	16.47	63.47	-	-	A	V
		17160	45.87	-22.33	68.2	48.15	37.9	18.23	58.41	-	-	P	V
		18000	52.49	-21.51	74	47.62	43.1	18.94	57.17	-	-	P	V
		18000	43.7	-10.3	54	38.83	43.1	18.94	57.17	-	-	A	V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII 2C - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	47.38	-26.62	74	54.05	39.04	15.09	60.8	-	-	P	H
		12500	47.45	-26.55	74	54.84	38.7	15.59	61.68	-	-	P	H
		12500	38.66	-15.34	54	46.05	38.7	15.59	61.68	-	-	A	H
		14480	49.1	-24.9	74	55.58	40.52	16.47	63.47	-	-	P	H
		14480	40.31	-13.69	54	46.79	40.52	16.47	63.47	-	-	A	H
		17130	46.35	-21.85	68.2	48.7	37.9	18.21	58.46	-	-	P	H
		18000	52.29	-21.71	74	47.42	43.1	18.94	57.17	-	-	P	H
		18000	43.5	-10.5	54	38.63	43.1	18.94	57.17	-	-	A	H
													H
													H
802.11ax													H
HE40 Full													H
CH 142		11420	45.51	-28.49	74	52.18	39.04	15.09	60.8	-	-	P	V
5710MHz		12621	47.64	-26.36	74	54.83	38.84	15.64	61.67	-	-	P	V
		12621	38.85	-15.15	54	46.04	38.84	15.64	61.67	-	-	A	V
		14480	48.52	-25.48	74	55	40.52	16.47	63.47	-	-	P	V
		14480	39.73	-14.27	54	46.21	40.52	16.47	63.47	-	-	A	V
		17130	45.63	-22.57	68.2	47.98	37.9	18.21	58.46	-	-	P	V
		18000	51.89	-22.11	74	47.02	43.1	18.94	57.17	-	-	P	V
		18000	43.1	-10.9	54	38.23	43.1	18.94	57.17	-	-	A	V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

UNII 2C Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	46.12	-27.88	74	52.81	39.06	15.07	60.82	-	-	P	H
		11785	48.14	-25.86	74	55.54	38.42	15.27	61.09	-	-	P	H
		11785	39.35	-14.65	54	46.75	38.42	15.27	61.09	-	-	A	H
		14491	47.86	-26.14	74	54.35	40.51	16.48	63.48	-	-	P	H
		14491	39.07	-14.93	54	45.56	40.51	16.48	63.48	-	-	A	H
		17070	46.45	-21.75	68.2	48.98	37.87	18.16	58.56	-	-	P	H
		17978	52.94	-21.06	74	48.31	42.9	18.93	57.2	-	-	P	H
		17978	44.15	-9.85	54	39.52	42.9	18.93	57.2	-	-	A	H
													H
													H
802.11ax													H
HE80 Full													H
CH 138		11380	45.5	-28.5	74	52.19	39.06	15.07	60.82	-	-	P	V
5690MHz		12566	47.62	-26.38	74	54.91	38.77	15.62	61.68	-	-	P	V
		12566	38.83	-15.17	54	46.12	38.77	15.62	61.68	-	-	A	V
		14480	48.23	-25.77	74	54.71	40.52	16.47	63.47	-	-	P	V
		14480	39.44	-14.56	54	45.92	40.52	16.47	63.47	-	-	A	V
		17070	46.82	-21.38	68.2	49.35	37.87	18.16	58.56	-	-	P	V
		17978	52.46	-21.54	74	47.83	42.9	18.93	57.2	-	-	P	V
		17978	43.67	-10.33	54	39.04	42.9	18.93	57.2	-	-	A	V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.

Emission above 18GHz

WIFI 802.11a (SHF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		25928	41.1	-32.9	74	58.34	38.76	-2.71	53.29	-	-	P	H
		35968	45.29	-28.71	74	61.78	43.12	-0.91	58.7	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
802.11a													H
SHF		25784	41.74	-32.26	74	58.95	38.87	-2.82	53.26	-	-	P	V
		36906	45.57	-28.43	74	62.05	42.21	-0.7	57.99	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		30.97	31.8	-8.2	40	39.65	24.01	0.62	32.48	-	-	P	H
		58.13	32.85	-7.15	40	52.57	11.82	1.01	32.55	-	-	P	H
		71.71	33.02	-6.98	40	52.01	12.37	1.14	32.5	-	-	P	H
		95.96	26.73	-16.77	43.5	42.59	15.31	1.29	32.46	-	-	P	H
		196.84	22.95	-20.55	43.5	38.83	14.7	1.92	32.5	-	-	P	H
		746.83	32.6	-13.4	46	33.38	27.83	3.68	32.29	-	-	P	H
													H
													H
													H
													H
													H
802.11a													H
LF		30.97	24.2	-15.8	40	32.05	24.01	0.62	32.48	-	-	P	V
		57.16	19.56	-20.44	40	39.18	11.95	0.99	32.56	-	-	P	V
		92.08	19.92	-23.58	43.5	36.32	14.79	1.27	32.46	-	-	P	V
		195.87	20.9	-22.6	43.5	36.78	14.71	1.91	32.5	-	-	P	V
		716.76	34.54	-11.46	46	36.62	26.67	3.61	32.36	-	-	P	V
		885.54	33.56	-12.44	46	32.41	28.72	4.07	31.64	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5021.32	47.57	-26.43	74	41.75	32.91	9.86	36.95	100	71	P	H
		5107.12	37.65	-16.35	54	31.54	33.07	9.95	36.91	100	71	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5021.32MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.91(dB/m) + 9.86(dB) + 41.75(dBμV) – 36.95 (dB)

= 47.57(dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 47.57(dBμV/m) – 74(dBμV/m)

= -26.43(dB)

For Average Limit @ 5107.12MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 33.07(dB/m) + 9.95(dB) +31.54(dBμV) – 36.91 (dB)

= 37.65 (dBμV/m)

2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 37.65(dBμV/m) – 54(dBμV/m)

= -16.35(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".

Appendix E. Cabinet Radiated Spurious Emission Plots

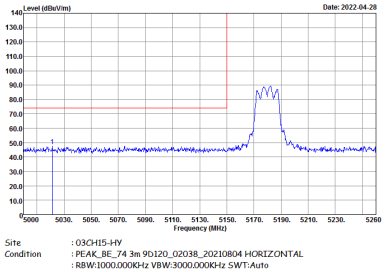
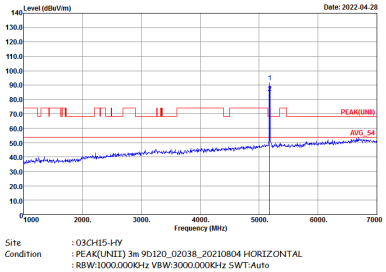
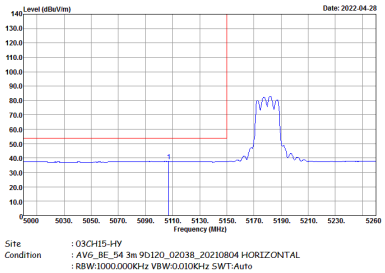
Test Engineer :	Leo Li and Bigshow Wang	**Temperature :**	22.1~23.1°C
		Relative Humidity :	55~60%

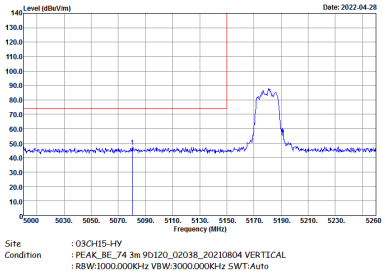
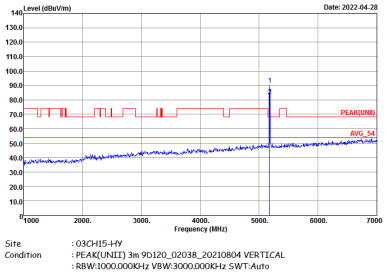
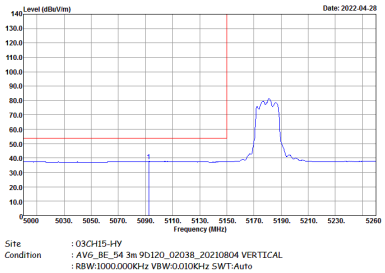
Note symbol

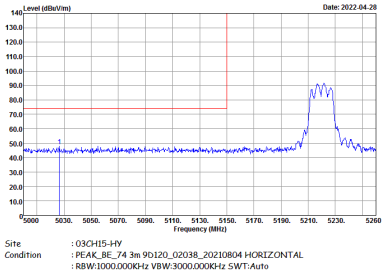
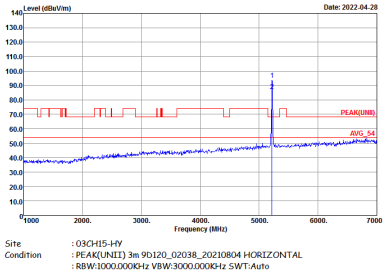
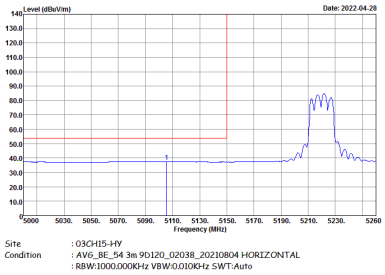
-L	**Low channel location**
-R	**High channel location**

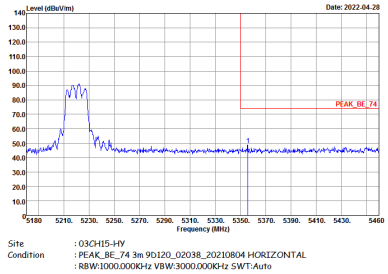
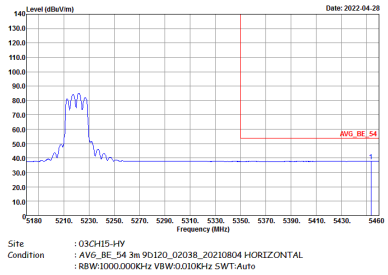
UNII 1 - 5150~5250MHz

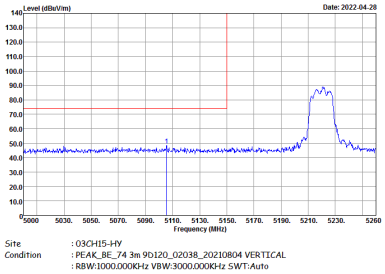
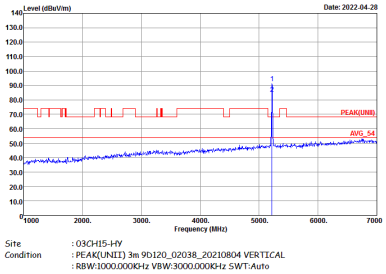
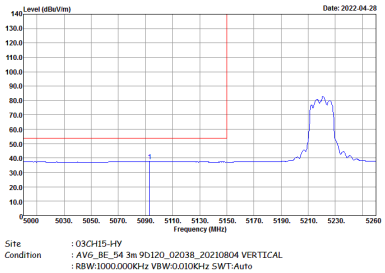
WIFI 802.11a (Band Edge @ 3m)

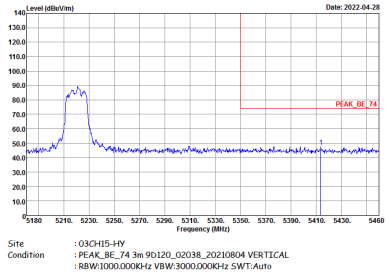
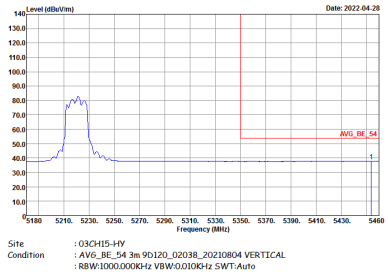
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

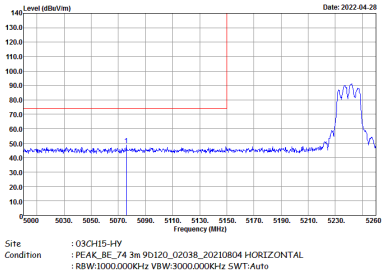
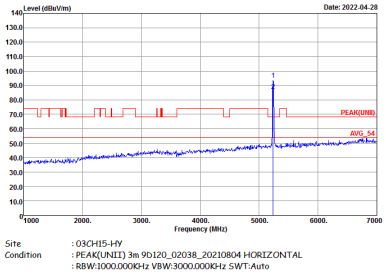
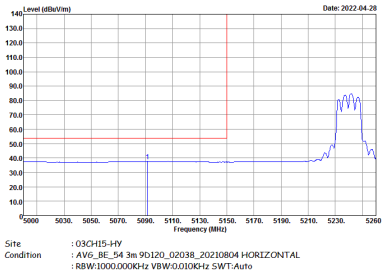
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

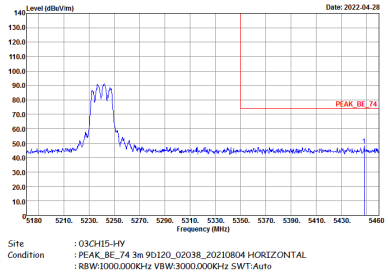
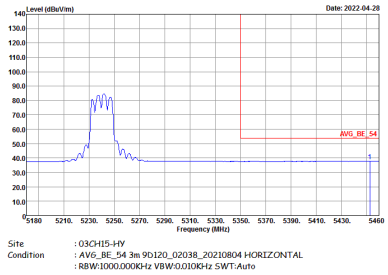
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

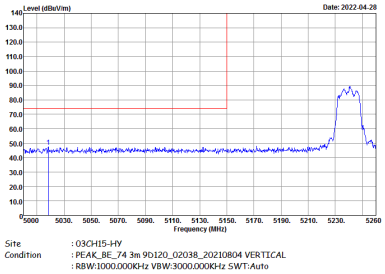
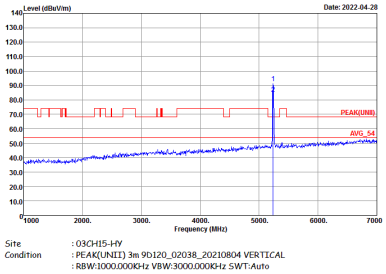
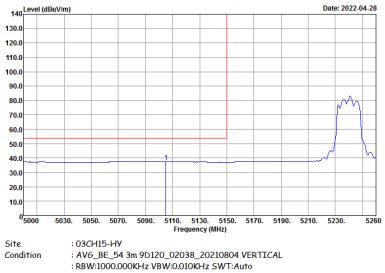
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

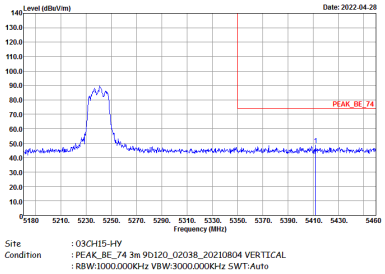
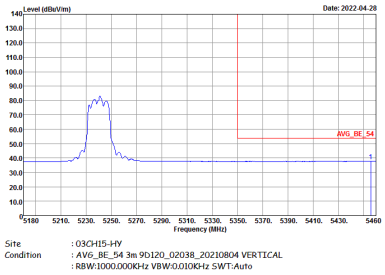
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

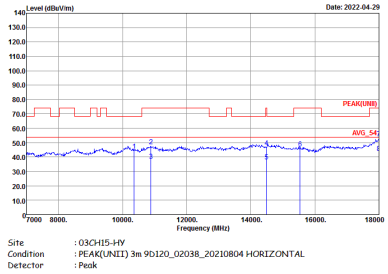
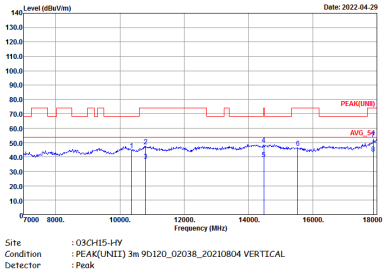
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

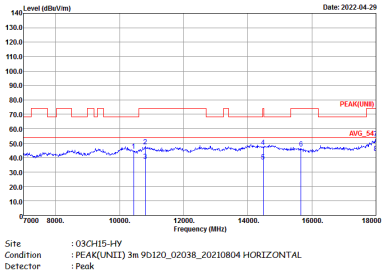
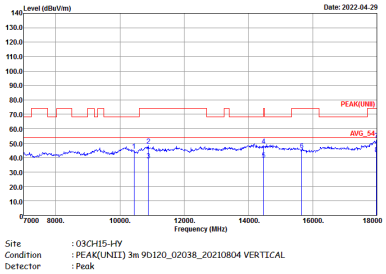
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

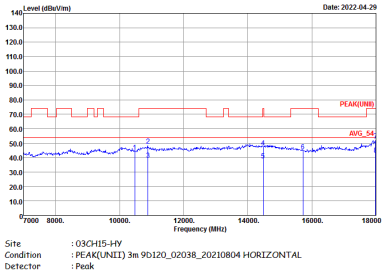
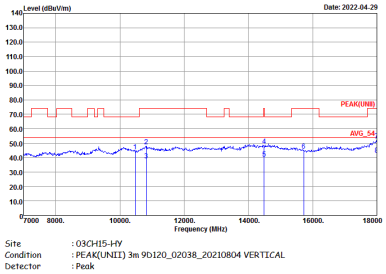
WIFI	UNII 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

UNII 1 - 5150~5250MHz

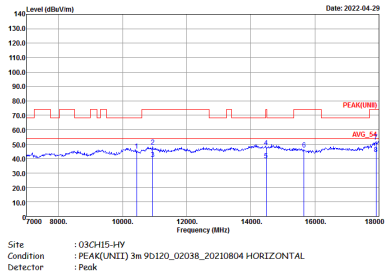
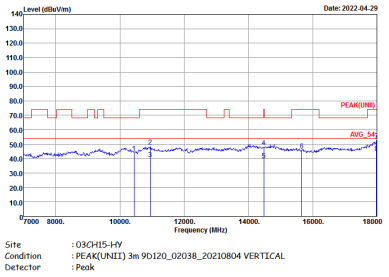
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
5+4	Horizontal	Vertical
Peak Avg.		

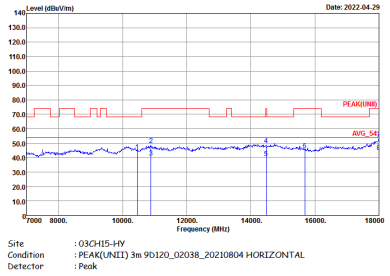
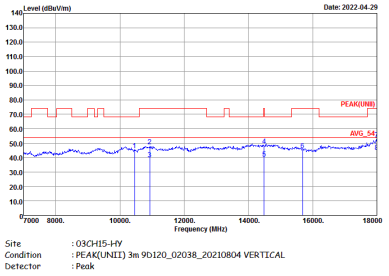
WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

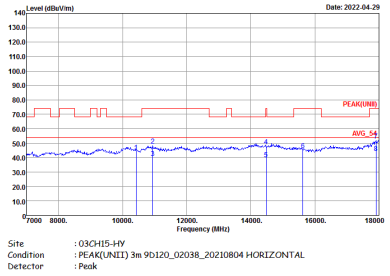
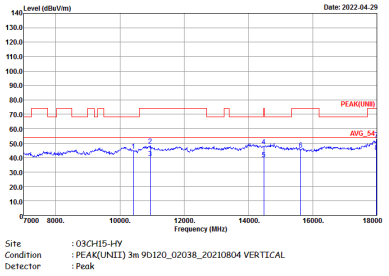
UNII 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH44 5220MHz	
5+4	Horizontal	Vertical
Peak Avg.		

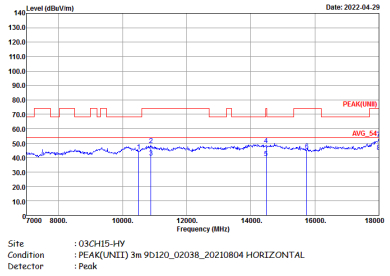
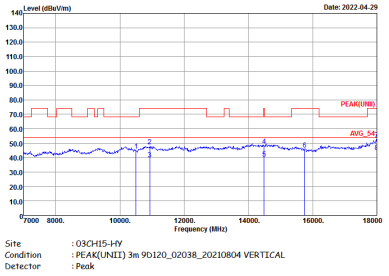
UNII 1 5150~5250MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 1 5150~5250MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

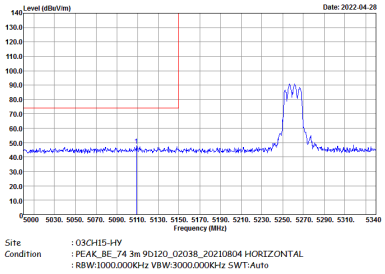
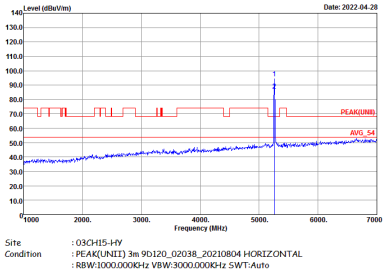
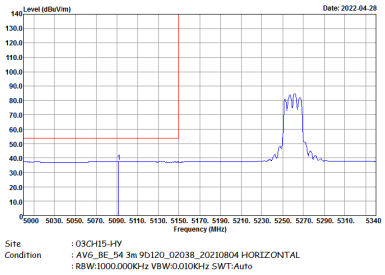
WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz	
5+4	Horizontal	Vertical
Peak Avg.		

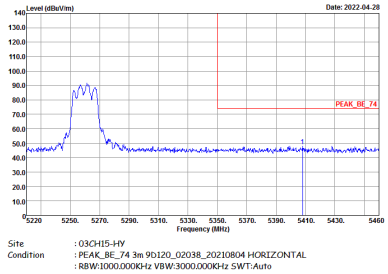
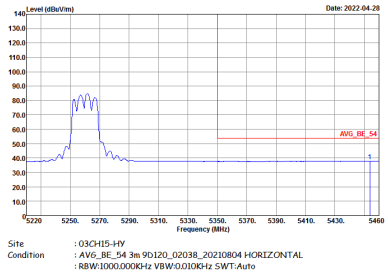
UNII 1 5150~5250MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

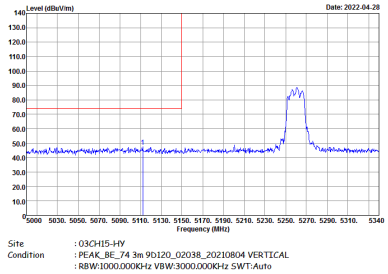
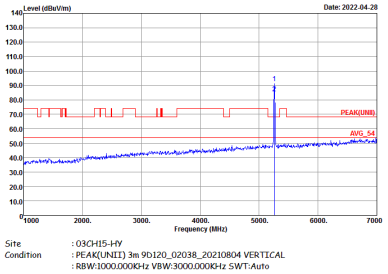
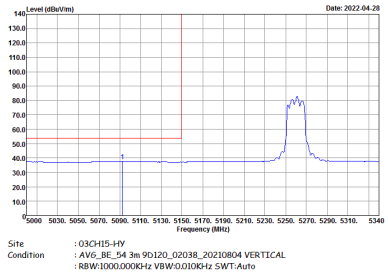
WIFI	UNII 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH50 5250MHz	
5+4	Horizontal	Vertical
Peak Avg.		

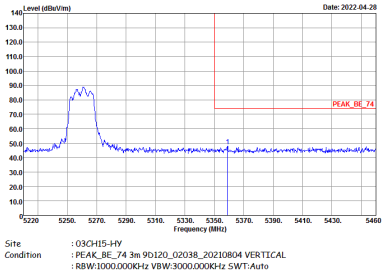
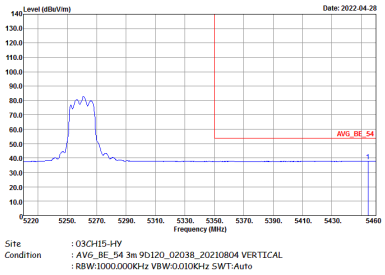
UNII 2A - 5250~5350MHz

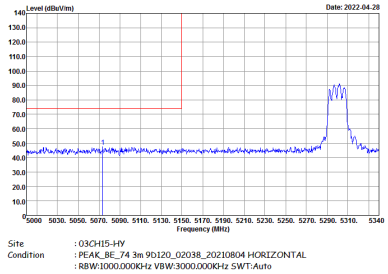
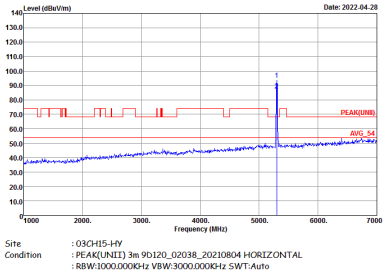
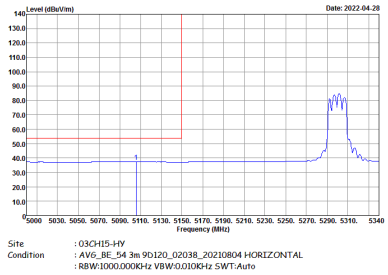
WIFI 802.11a (Band Edge @ 3m)

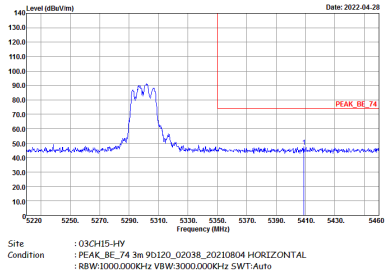
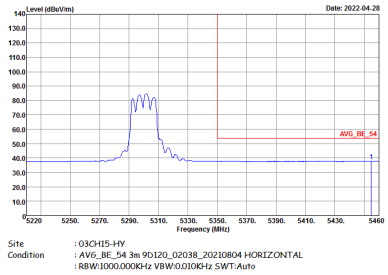
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

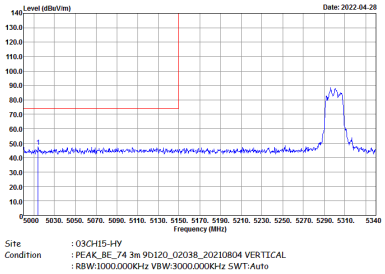
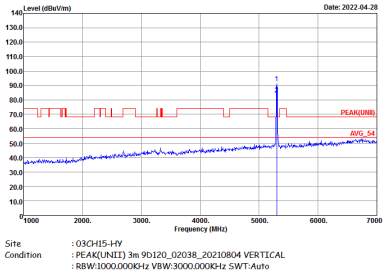
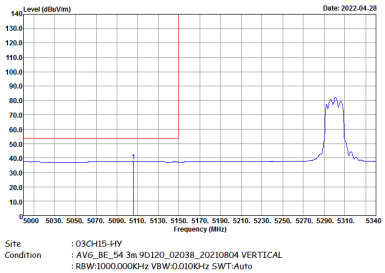
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

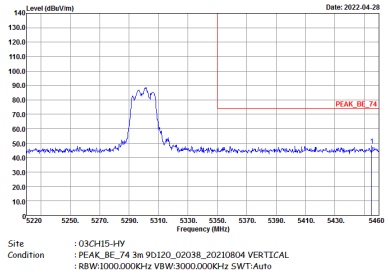
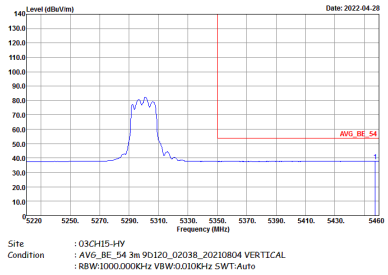
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

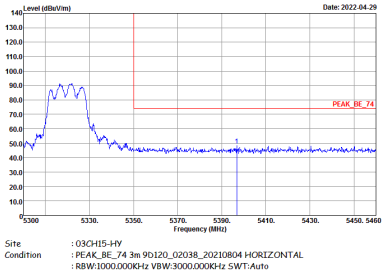
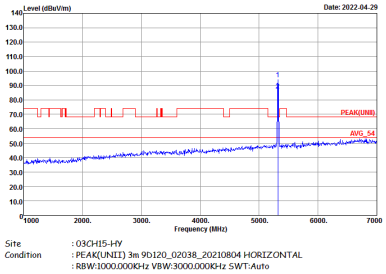
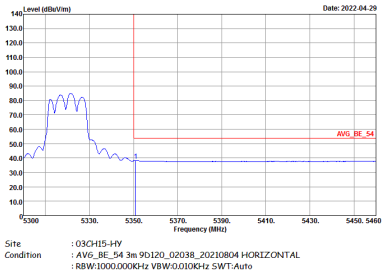
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

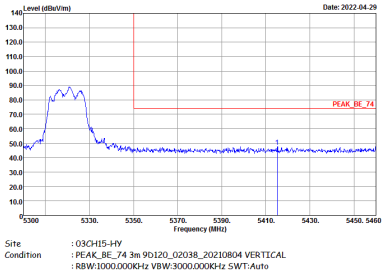
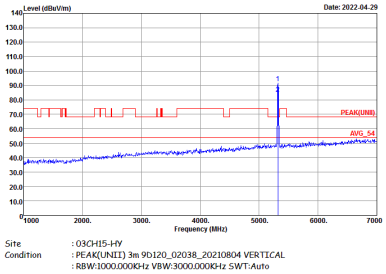
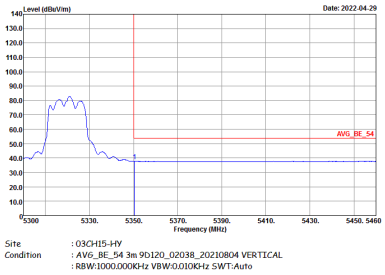
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

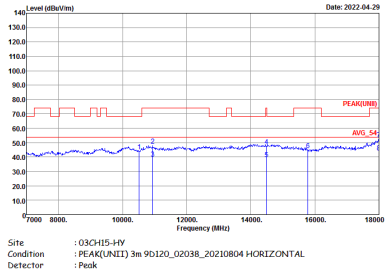
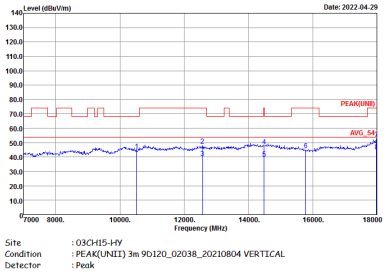
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

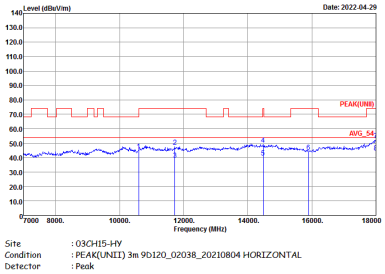
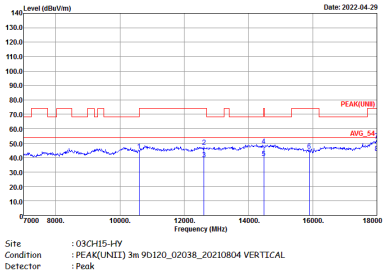
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

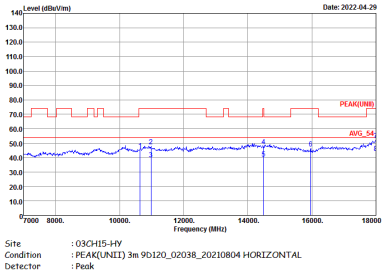
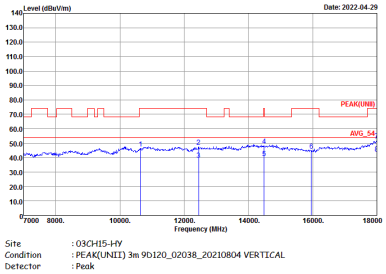
WIFI	UNII 2A 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
5+4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9D120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	Left blank

UNII 2A - 5250~5350MHz

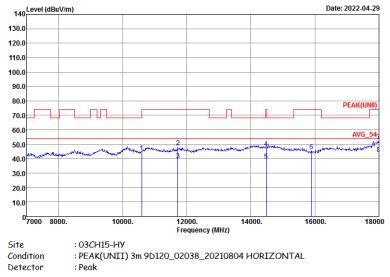
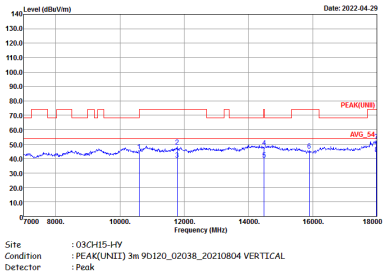
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
5+4	Horizontal	Vertical
Peak Avg.		

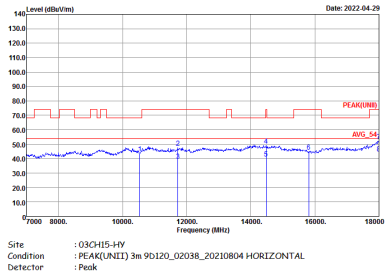
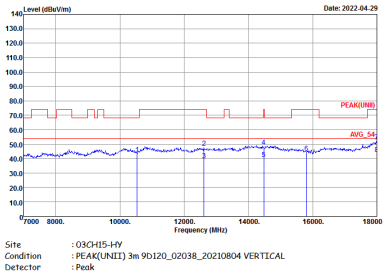
WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

UNII 2A 5250~5350MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

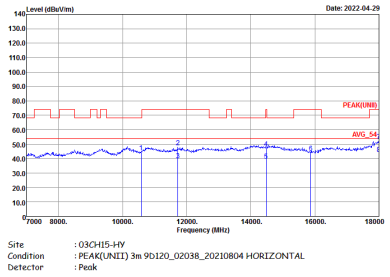
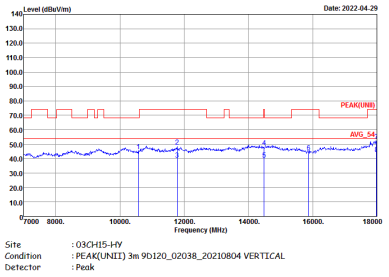
WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH60 5300MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2A - 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

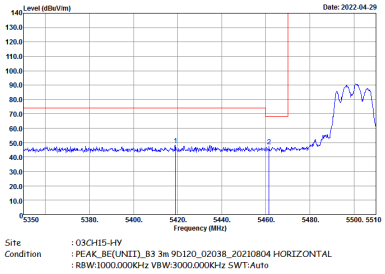
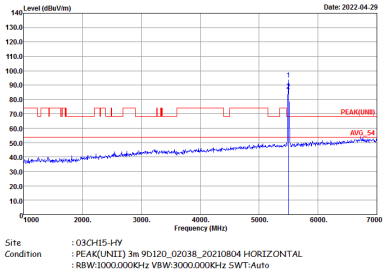
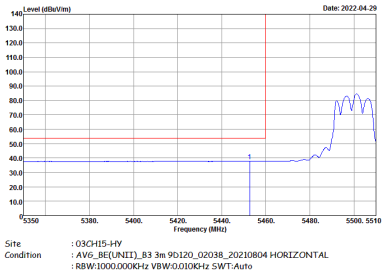
WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH54 5270	
5+4	Horizontal	Vertical
Peak Avg.		

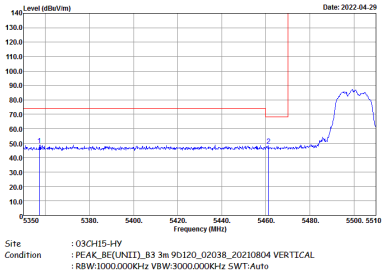
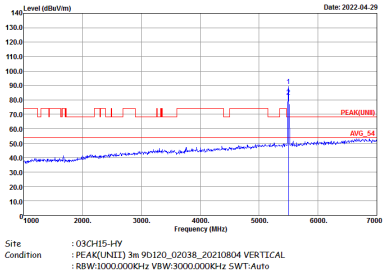
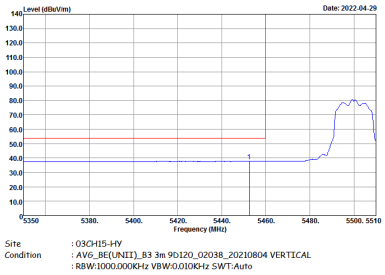
UNII 2A 5250~5350MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

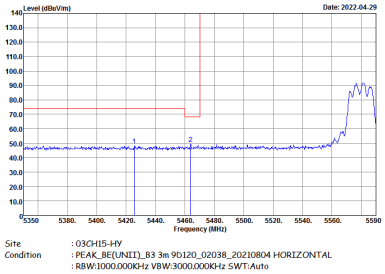
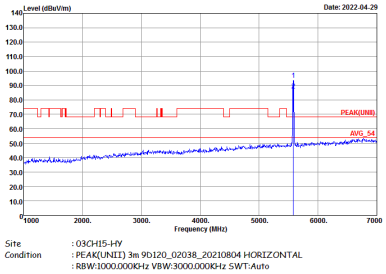
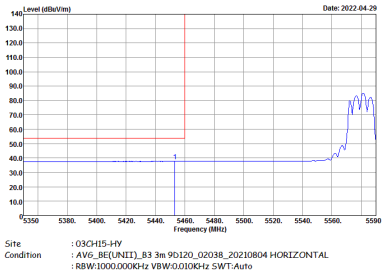
WIFI	UNII 2A 5250~5350MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH58 5290MHz	
5+4	Horizontal	Vertical
Peak Avg.		

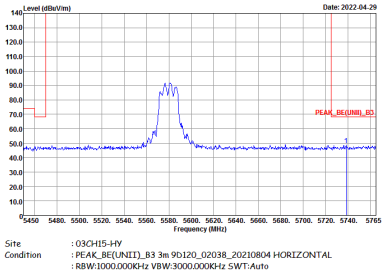
UNII 2C - 5470~5725MHz

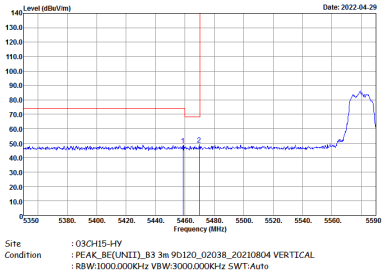
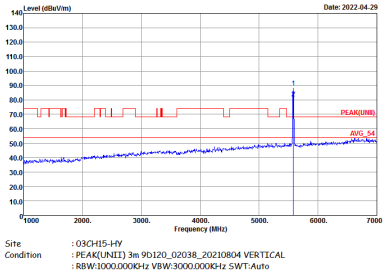
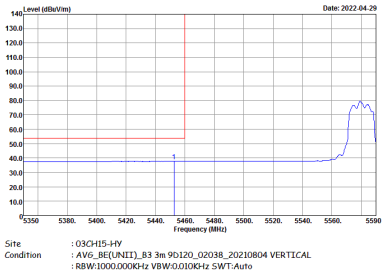
WIFI 802.11a (Band Edge @ 3m)

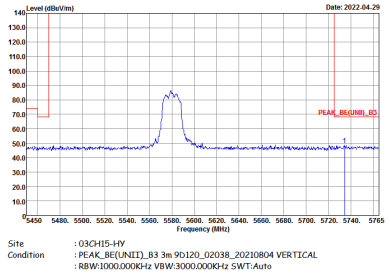
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

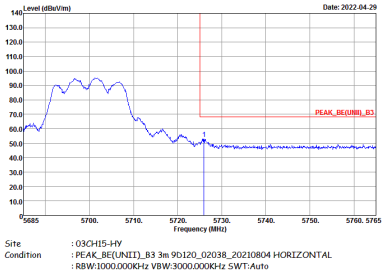
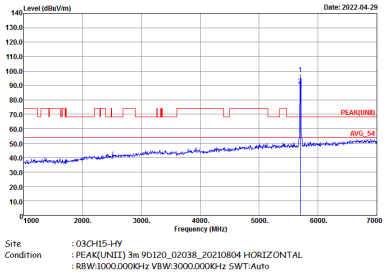
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

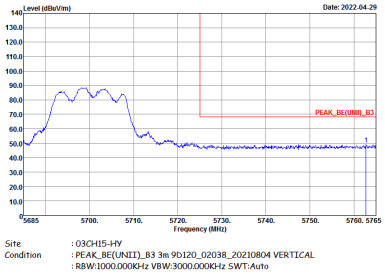
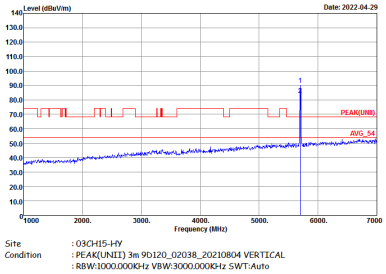
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank

WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - L	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

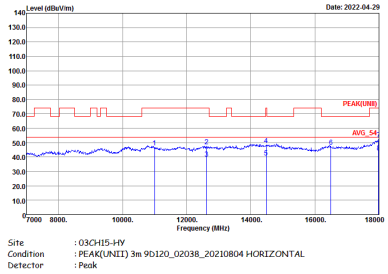
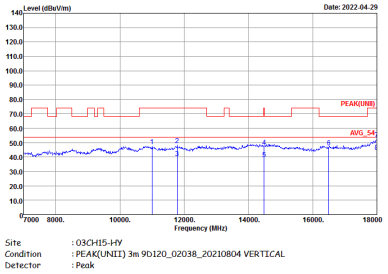
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH116 5580MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank

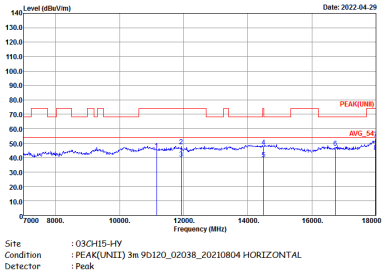
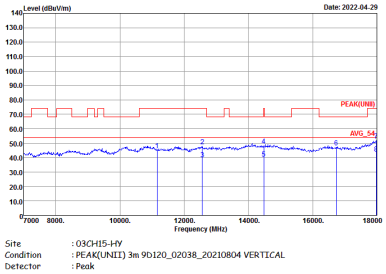
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
5+4	Horizontal	Fundamental
Peak		

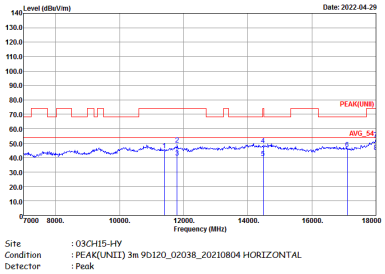
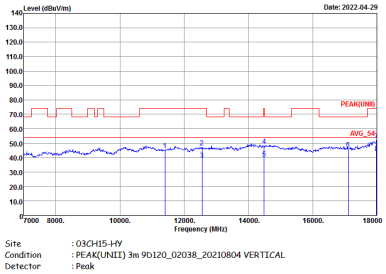
WIFI	UNII 2C 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
5+4	Vertical	Fundamental
Peak		

UNII 2C - 5470~5725MHz

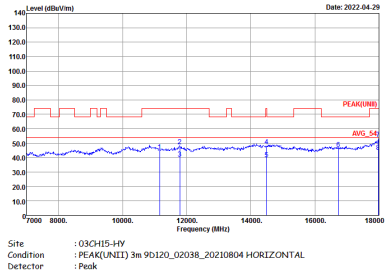
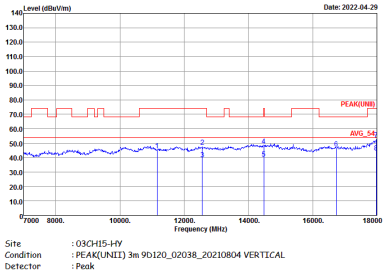
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH100 5500MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

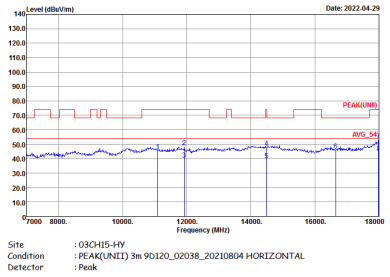
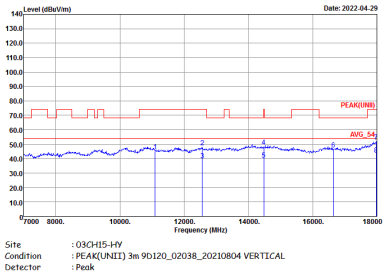
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C 5470~5725MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

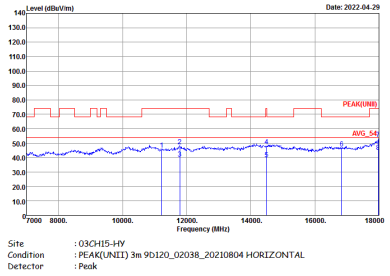
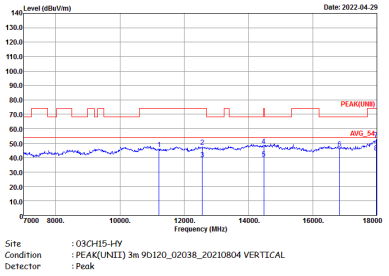
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C - 5470~5725MHz

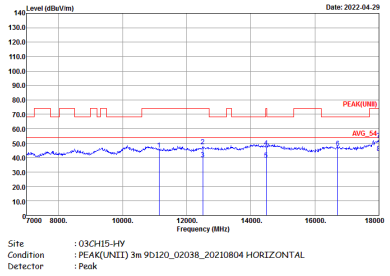
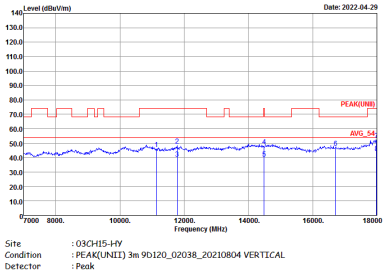
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C 5470~5725MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

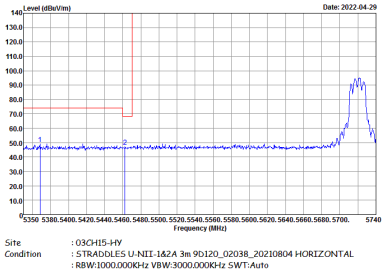
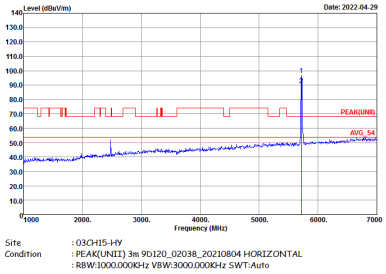
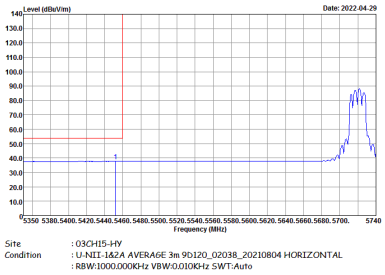
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz	
5+4	Horizontal	Vertical
Peak Avg.		

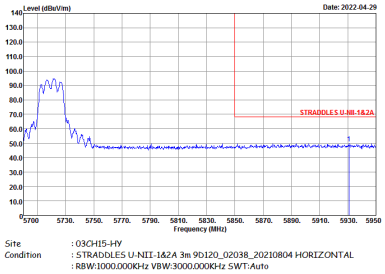
UNII 2C 5470~5725MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

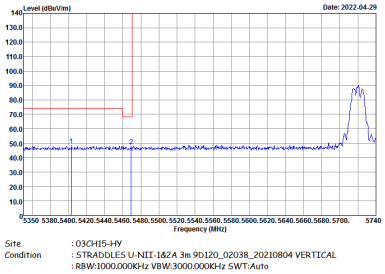
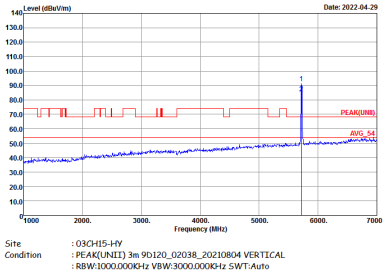
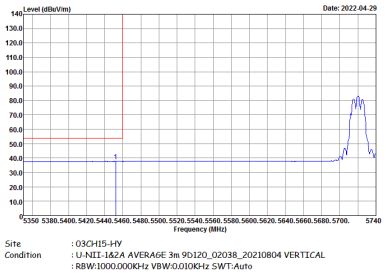
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH114 5570MHz	
5+4	Horizontal	Vertical
Peak Avg.		

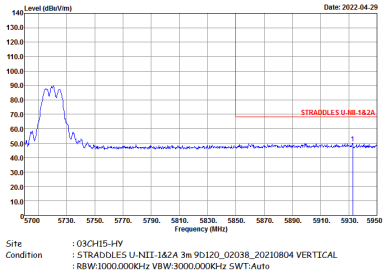
UNII 2C - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	UNII 2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
5+4	Horizontal	Fundamental
Peak		
Avg.		Left blank

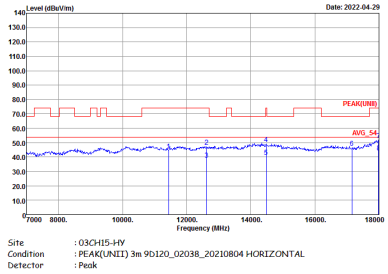
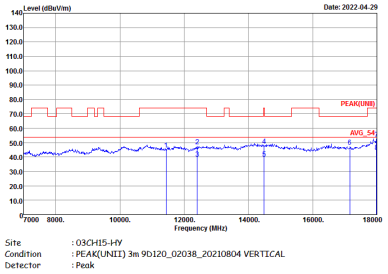
WIFI	UNII 2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
5+4	Horizontal	Fundamental
Peak		Left blank

WIFI	UNII 2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
5+4	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	UNII 2C Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
5+4	Vertical	Fundamental
Peak		Left blank

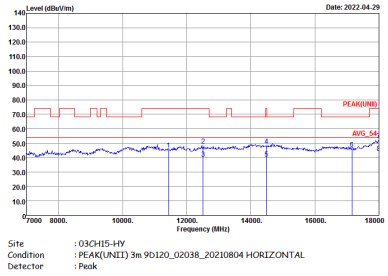
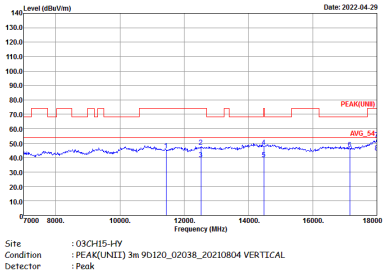
UNII 2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

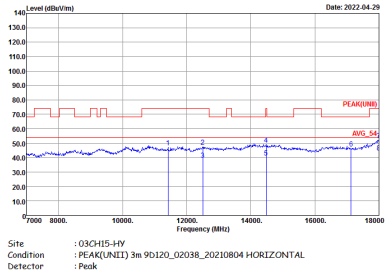
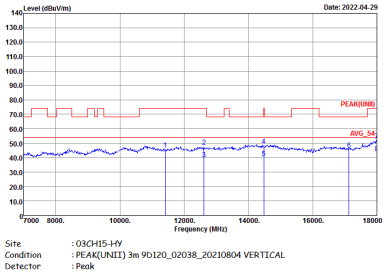
UNII 2C – Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

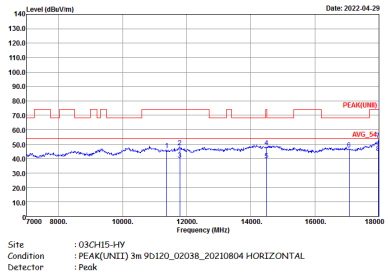
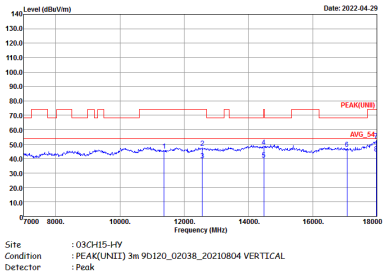
UNII 2C - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz	
5+4	Horizontal	Vertical
Peak Avg.		

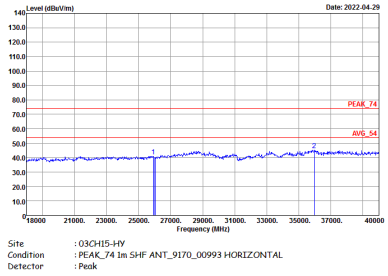
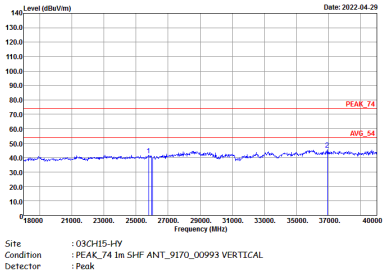
UNII 2C – Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz	
5+4	Horizontal	Vertical
Peak Avg.		

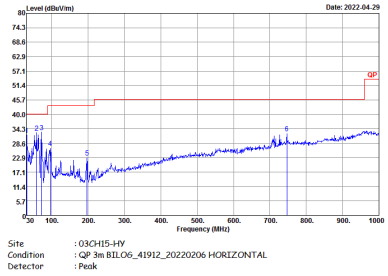
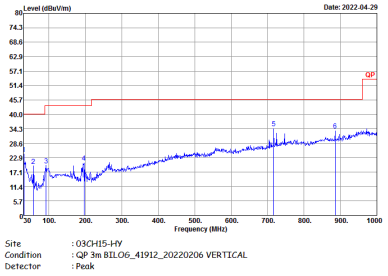
Emission above 18GHz

5GHz WIFI 802.11a (SHF)

WIFI	5GHz WIFI	
ANT	802.11a SHF	
5+4	Horizontal	Vertical
QP / Peak		

Emission below 1GHz

5GHz WIFI 802.11a (LF)

WIFI	5GHz WIFI	
ANT	802.11a LF	
5+4	Horizontal	Vertical
QP / Peak		

Appendix F. Radiated Spurious Emission

Test Engineer :	Leo Li and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

<Antenna A>

UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		7440	52.03	-21.97	74	62.6	36.02	11.4	57.99	300	61	P	H
		7440	47.06	-6.94	54	57.63	36.02	11.4	57.99	300	61	A	H
													H
													H
		7440	53.91	-20.09	74	64.48	36.02	11.4	57.99	154	353	P	V
		7440	50.66	-3.34	54	61.23	36.02	11.4	57.99	154	353	A	V
													V
													V
802.11a CH 140 5700MHz		7600	50.46	-23.54	74	60.8	36	11.51	57.85	290	163	P	H
		7600	45.58	-8.42	54	55.92	36	11.51	57.85	290	163	A	H
													H
													H
		7600	53.58	-20.42	74	63.92	36	11.51	57.85	290	163	P	V
		7600	50.21	-3.79	54	60.55	36	11.51	57.85	290	163	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - 5470~5725MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7440	53.01	-20.99	74	63.58	36.02	11.4	57.99	350	117	P	H
		7440	49.37	-4.63	54	59.94	36.02	11.4	57.99	350	117	A	H
802.11ax													H
HE20 Full													H
CH 116		7440	54.58	-19.42	74	65.15	36.02	11.4	57.99	383	141	P	V
5580MHz		7440	51.85	-2.15	54	62.42	36.02	11.4	57.99	383	141	A	V
													V
													V
		7600	46.57	-27.43	74	56.91	36	11.51	57.85	-	-	P	H
													H
802.11ax													H
HE20 Full													H
CH 140		7600	54.24	-19.76	74	64.58	36	11.51	57.85	400	175	P	V
5700MHz		7600	51.23	-2.77	54	61.57	36	11.51	57.85	400	175	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 116 5580MHz		7440	46.75	-27.25	74	57.32	36.02	11.4	57.99	-	-	P	H
													H
													H
													H
		7440	54.56	-19.44	74	65.13	36.02	11.4	57.99	385	141	P	V
		7440	52.1	-1.9	54	62.67	36.02	11.4	57.99	385	141	A	V
													V
													V
s802.11ax HE20 Partial 26/8 CH 140 5700MHz		7600	47.99	-26.01	74	58.33	36	11.51	57.85	-	-	P	H
													H
													H
													H
		7600	54.52	-19.48	74	64.86	36	11.51	57.85	400	175	P	V
		7600	51.49	-2.51	54	61.83	36	11.51	57.85	400	175	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

UNII 2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7352	48.34	-25.66	74	58.63	36.39	11.37	58.05	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 102		7352	54.95	-19.05	74	65.24	36.39	11.37	58.05	400	158	P	V
5510MHz		7352	51.69	-2.31	54	61.98	36.39	11.37	58.05	400	158	A	V
													V
													V
		7396	47.03	-26.97	74	57.55	36.12	11.38	58.02	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 110		7400	56.42	-17.58	74	66.97	36.1	11.37	58.02	290	174	P	V
5550MHz		7400	53.98	-0.02	54	64.53	36.1	11.37	58.02	290	174	A	V
													V
													V
		7561	47.64	-26.36	74	58.21	35.84	11.48	57.89	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 134		7561	54.73	-19.27	74	65.3	35.84	11.48	57.89	382	142	P	V
5670MHz		7561	52.45	-1.55	54	63.02	35.84	11.48	57.89	382	142	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7484	46.69	-27.31	74	57.29	35.93	11.43	57.96	-	-	P	H
													H
802.11ax													H
HE80 Full													H
CH 122		7484	54.86	-19.14	74	65.46	35.93	11.43	57.96	393	142	P	V
5610MHz		7484	52.23	-1.77	54	62.83	35.93	11.43	57.96	393	142	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7429	46.36	-27.64	74	56.93	36.04	11.39	58	-	-	P	H
													H
802.11ax													H
HE160 Full													H
CH 114		7429	54.73	-19.27	74	65.3	36.04	11.39	58	385	140	P	V
5570MHz		7429	51.69	-2.31	54	62.26	36.04	11.39	58	385	140	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		7627	49.56	-24.44	74	59.87	36	11.51	57.82	100	126	P	H
		7627	43.63	-10.37	54	53.94	36	11.51	57.82	100	126	A	H
													H
													H
		7627	52.75	-21.25	74	63.06	36	11.51	57.82	267	163	P	V
		7627	48.9	-5.1	54	59.21	36	11.51	57.82	267	163	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7627	46.29	-27.71	74	56.6	36	11.51	57.82	-	-	P	H
													H
802.11ax													H
HE20 Full													H
CH 144		7627	53.44	-20.56	74	63.75	36	11.51	57.82	400	207	P	V
5720MHz		7627	49.91	-4.09	54	60.22	36	11.51	57.82	400	207	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 144 5720MHz		7627	45.89	-28.11	74	56.2	36	11.51	57.82	-	-	P	H
													H
													H
													H
		7627	52.87	-21.13	74	63.18	36	11.51	57.82	400	205	P	V
		7627	49.6	-4.4	54	59.91	36	11.51	57.82	400	205	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

UNII 2C Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7616	44.74	-29.26	74	55.06	36	11.51	57.83	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 142		7613	54.52	-19.48	74	64.85	36	11.51	57.84	275	185	P	V
5710MHz		7613	51.2	-2.8	54	61.53	36	11.51	57.84	275	185	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C Straddle Channel

WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7616	44.65	-29.35	74	54.97	36	11.51	57.83	-	-	P	H
802.11ax													H
HE40													H
Partial													H
484/65		7616	47.13	-26.87	74	57.45	36	11.51	57.83	-	-	P	V
CH 142													V
5710MHz													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7583	48.36	-25.64	74	58.8	35.93	11.5	57.87	-	-	P	H
													H
802.11ax													H
HE80 Full													H
CH 138		7583	54.37	-19.63	74	64.81	35.93	11.5	57.87	400	174	P	V
5690MHz		7583	51.76	-2.24	54	62.2	35.93	11.5	57.87	400	174	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7586	46.51	-27.49	74	56.93	35.94	11.5	57.86	-	-	P	H
i802.11ax													H
HE80													H
Partial													H
996/67		7586	55.67	-18.33	74	66.09	35.94	11.5	57.86	277	186	P	V
CH 138		7586	53.12	-0.88	54	63.54	35.94	11.5	57.86	277	186	A	V
5690MHz													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

<Antenna C>

UNII 2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 116 5580MHz		7440	52.77	-21.23	74	63.34	36.02	11.4	57.99	294	152	P	H
		7440	49.49	-4.51	54	60.06	36.02	11.4	57.99	294	152	A	H
													H
													H
		7440	53.11	-20.89	74	63.68	36.02	11.4	57.99	312	56	P	V
		7440	50.16	-3.84	54	60.73	36.02	11.4	57.99	312	56	A	V
													V
													V
802.11a CH 140 5700MHz		7600	51.25	-22.75	74	61.59	36	11.51	57.85	298	152	P	H
		7600	47.59	-6.41	54	57.93	36	11.51	57.85	298	152	A	H
													H
													H
		7600	52.44	-21.56	74	62.78	36	11.51	57.85	300	54	P	V
		7600	49.49	-4.51	54	59.83	36	11.51	57.85	300	54	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - 5470~5725MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7440	48.27	-25.73	74	58.84	36.02	11.4	57.99	-	-	P	H
													H
802.11ax													H
HE20 Full													H
CH 116		7440	54.39	-19.61	74	64.96	36.02	11.4	57.99	299	52	P	V
5580MHz		7440	52.02	-1.98	54	62.59	36.02	11.4	57.99	299	52	A	V
													V
													V
		7600	51.23	-22.77	74	61.57	36	11.51	57.85	338	14	P	H
		7600	46.78	-7.22	54	57.12	36	11.51	57.85	338	14	A	H
802.11ax													H
HE20 Full													H
CH 140		7600	53.78	-20.22	74	64.12	36	11.51	57.85	305	54	P	V
5700MHz		7600	50.56	-3.44	54	60.9	36	11.51	57.85	305	54	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/4 CH 116 5580MHz		7440	47.16	-26.84	74	57.73	36.02	11.4	57.99	-	-	P	H
													H
													H
													H
		7440	54.17	-19.83	74	64.74	36.02	11.4	57.99	302	52	P	V
		7440	51.41	-2.59	54	61.98	36.02	11.4	57.99	302	52	A	V
													V
													V
s802.11ax HE20 Partial 26/8 CH 140 5700MHz		7600	51.28	-22.72	74	61.62	36	11.51	57.85	338	14	P	H
		7600	46.71	-7.29	54	57.05	36	11.51	57.85	338	14	A	H
													H
													H
		7600	53.88	-20.12	74	64.22	36	11.51	57.85	305	54	P	V
		7600	50.46	-3.54	54	60.8	36	11.51	57.85	305	54	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

UNII 2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7352	50.69	-23.31	74	60.98	36.39	11.37	58.05	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 102		7352	56.38	-17.62	74	66.67	36.39	11.37	58.05	186	136	P	V
5510MHz		7352	53.91	-0.09	54	64.2	36.39	11.37	58.05	186	136	A	V
													V
													V
		7400	53.45	-20.55	74	64	36.1	11.37	58.02	297	174	P	H
		7400	50.58	-3.42	54	61.13	36.1	11.37	58.02	297	174	A	H
802.11ax													H
HE40 Full													H
CH 110		7400	53.73	-20.27	74	64.28	36.1	11.37	58.02	287	52	P	V
5550MHz		7400	50.78	-3.22	54	61.33	36.1	11.37	58.02	287	52	A	V
													V
													V
		7561	44.86	-29.14	74	55.43	35.84	11.48	57.89	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 134		7561	52.03	-21.97	74	62.6	35.84	11.48	57.89	194	132	P	V
5670MHz		7561	48.36	-5.64	54	58.93	35.84	11.48	57.89	194	132	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7484	47.24	-26.76	74	57.84	35.93	11.43	57.96	-	-	P	H
													H
802.11ax													H
HE80 Full													H
CH 122		7484	53.03	-20.97	74	63.63	35.93	11.43	57.96	188	136	P	V
5610MHz		7484	49.36	-4.64	54	59.96	35.93	11.43	57.96	188	136	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7429	52.5	-21.5	74	63.07	36.04	11.39	58	295	209	P	H
		7429	48.46	-5.54	54	59.03	36.04	11.39	58	295	209	A	H
802.11ax													H
HE160 Full													H
CH 114		7429	55.12	-18.88	74	65.69	36.04	11.39	58	192	136	P	V
5570MHz		7429	52	-2	54	62.57	36.04	11.39	58	192	136	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		7627	49.79	-24.21	74	60.1	36	11.51	57.82	288	155	P	H
		7627	44.66	-9.34	54	54.97	36	11.51	57.82	288	155	A	H
													H
													H
		7627	51.2	-22.8	74	61.51	36	11.51	57.82	300	52	P	V
		7627	46.87	-7.13	54	57.18	36	11.51	57.82	300	52	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7627	49.72	-24.28	74	60.03	36	11.51	57.82	357	13	P	H
		7627	44.72	-9.28	54	55.03	36	11.51	57.82	357	13	A	H
802.11ax													H
HE20 Full													H
CH 144		7627	53.33	-20.67	74	63.64	36	11.51	57.82	314	54	P	V
5720MHz		7627	49.82	-4.18	54	60.13	36	11.51	57.82	314	54	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/8 CH 144 5720MHz		7627	50.54	-23.46	74	60.85	36	11.51	57.82	348	13	P	H
		7627	46.01	-7.99	54	56.32	36	11.51	57.82	348	13	A	H
													H
													H
		7627	53.48	-20.52	74	63.79	36	11.51	57.82	303	54	P	V
		7627	50.16	-3.84	54	60.47	36	11.51	57.82	303	54	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII 2C Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7616	44.74	-29.26	74	55.06	36	11.51	57.83	-	-	P	H
													H
802.11ax													H
HE40 Full													H
CH 142		7616	47.78	-26.22	74	58.1	36	11.51	57.83	-	-	P	V
5710MHz													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

UNII 2C Straddle Channel

WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7616	44.93	-29.07	74	55.25	36	11.51	57.83	-	-	P	H
802.11ax													H
HE40													H
Partial													H
484/65		7616	53.27	-20.73	74	63.59	36	11.51	57.83	350	133	P	V
CH 142		7616	49.18	-4.82	54	59.5	36	11.51	57.83	350	133	A	V
5710MHz													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7583	44.71	-29.29	74	55.15	35.93	11.5	57.87	-	-	P	H
													H
802.11ax													H
HE80 Full													H
CH 138		7583	53.28	-20.72	74	63.72	35.93	11.5	57.87	192	130	P	V
5690MHz		7583	49.51	-4.49	54	59.95	35.93	11.5	57.87	192	130	A	V
													V
													V

Remark

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.

UNII 2C 5470~5725MHz

WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		7583	44.72	-29.28	74	55.16	35.93	11.5	57.87	-	-	P	H
i802.11ax													H
HE80													H
Partial													H
996/67		7583	46.91	-27.09	74	57.35	35.93	11.5	57.87	-	-	P	V
CH 138													V
5690MHz													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 116 5580MHz		7440	52.77	-21.23	74	63.34	36.02	11.4	57.99	294	152	P	H
		7440	49.49	-4.51	54	60.06	36.02	11.4	57.99	294	152	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 7440MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 36.02(dB/m) + 11.4(dB) + 63.34(dBμV) – 57.99 (dB)

= 52.77 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 52.77(dBμV/m) – 74(dBμV/m)

= -21.23(dB)

For Average Limit @ 7440MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 36.02(dB/m) + 11.4(dB) + 60.06(dBμV) – 57.99 (dB)

= 49.49 (dBμV/m)

2. Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 49.49 (dBμV/m) – 54(dBμV/m)

= -4.51(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.

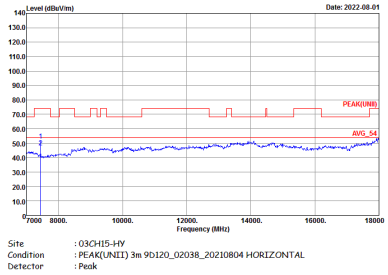
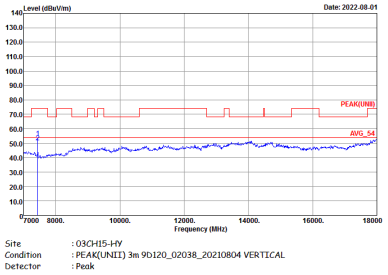
Appendix G. Radiated Spurious Emission Plots

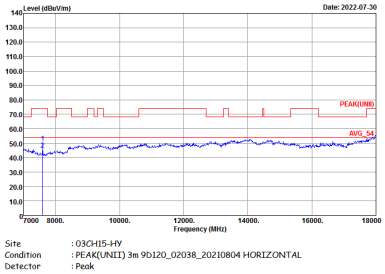
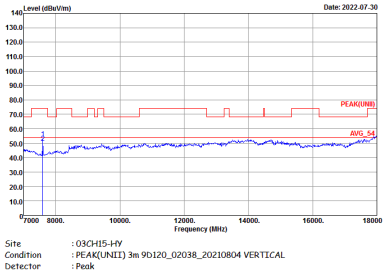
Test Engineer :	Leo Li and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

<Antenna A>

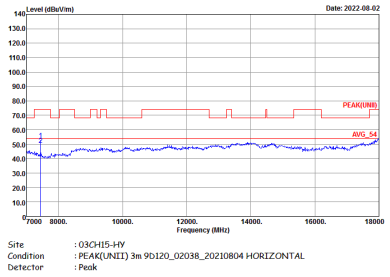
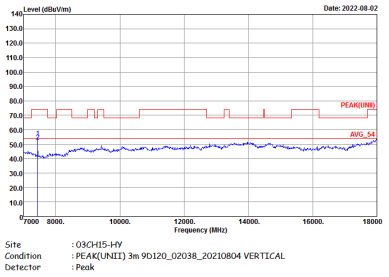
UNII 2C - 5470~5725MHz

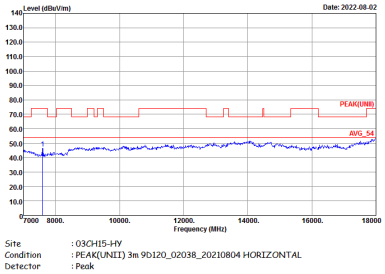
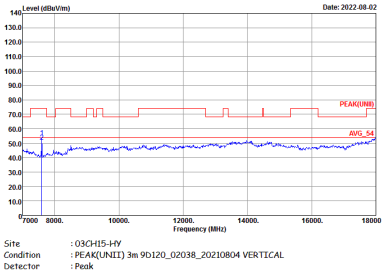
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

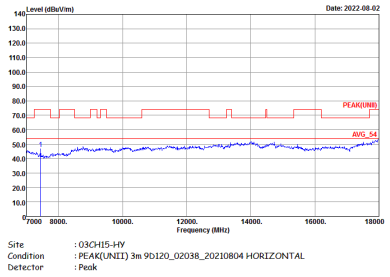
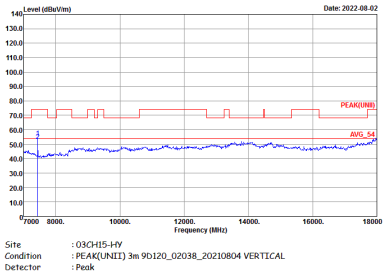
UNII 2C 5470~5725MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

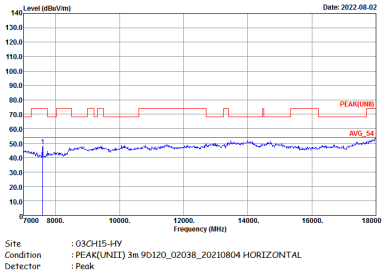
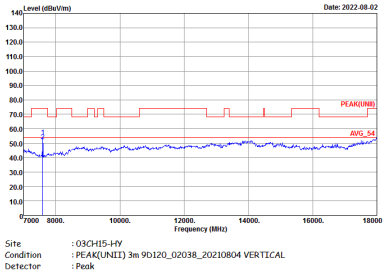
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

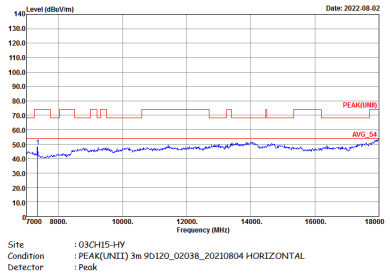
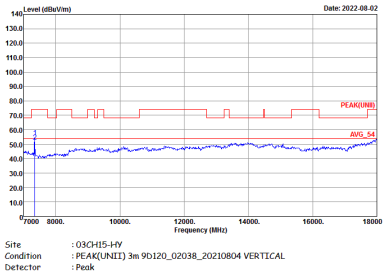
UNII 2C - 5470~5725MHz

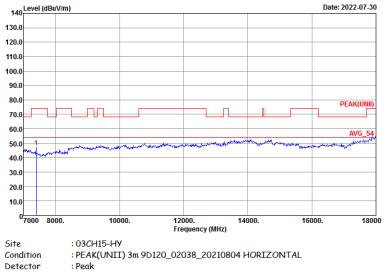
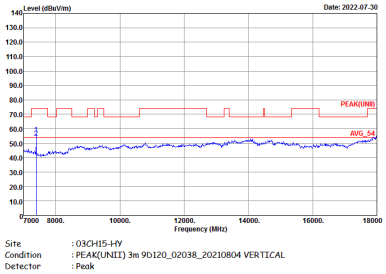
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

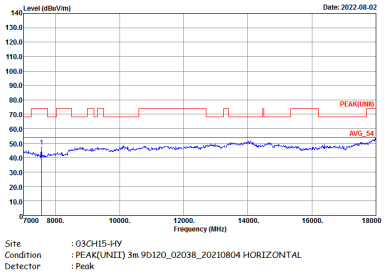
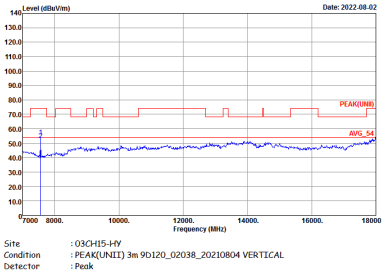
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

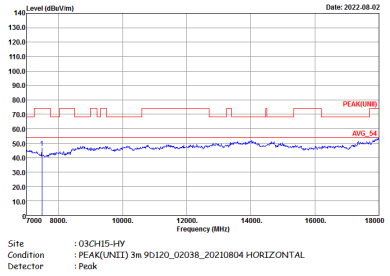
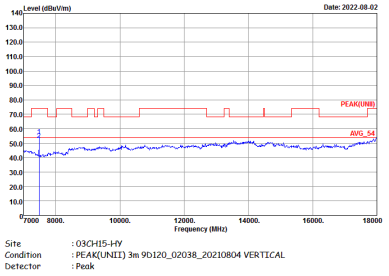
UNII 2C 5470~5725MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz	
5+4	Horizontal	Vertical
Peak Avg.		

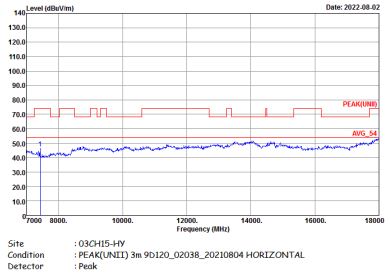
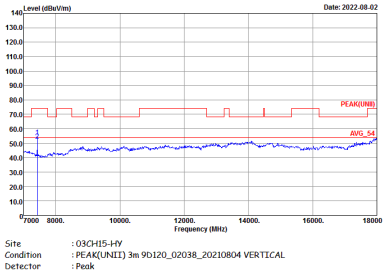
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

UNII 2C 5470~5725MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

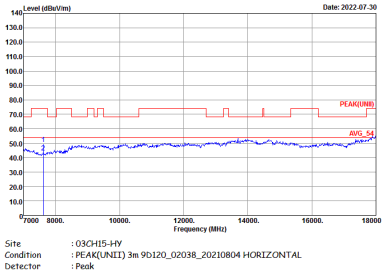
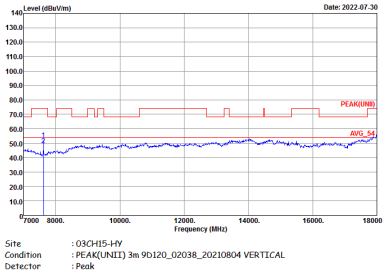
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C 5470~5725MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH114 5570MHz	
5+4	Horizontal	Vertical
Peak Avg.		

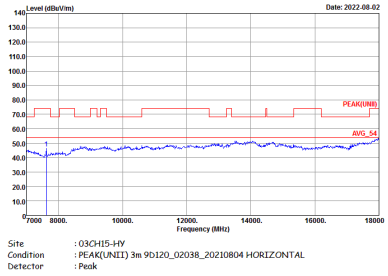
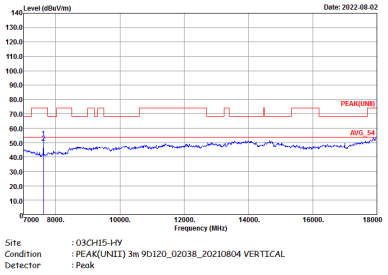
UNII 2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

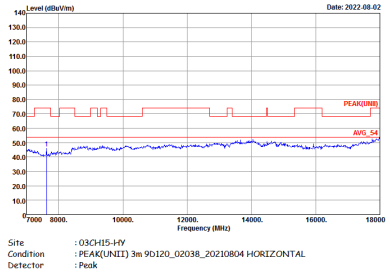
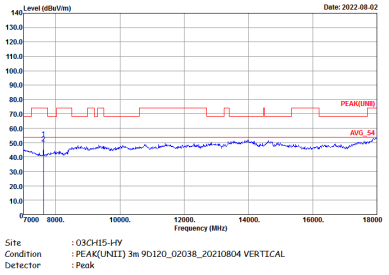
UNII 2C – Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

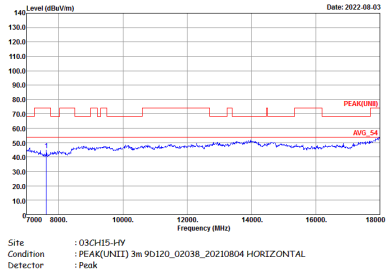
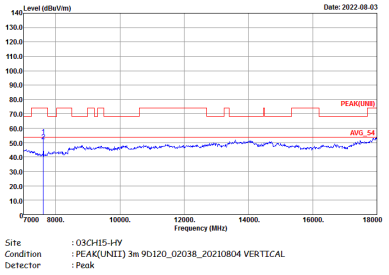
UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

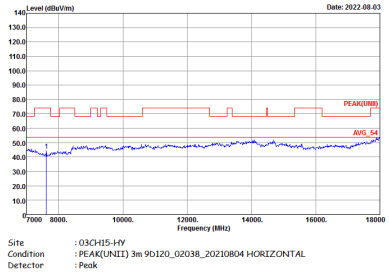
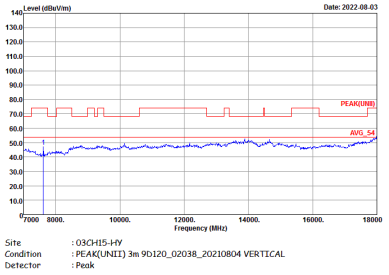
UNII 2C – Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz	
5+4	Horizontal	Vertical
Peak Avg.		

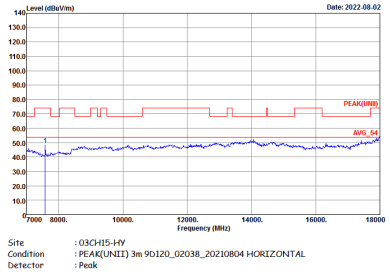
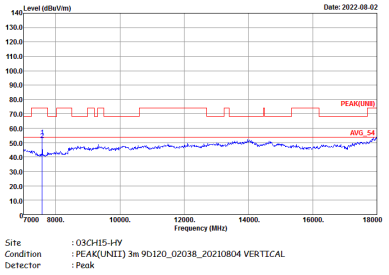
UNII 2C – Straddle Channel

WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH142 5710MHz	
5+4	Horizontal	Vertical
Peak Avg.		

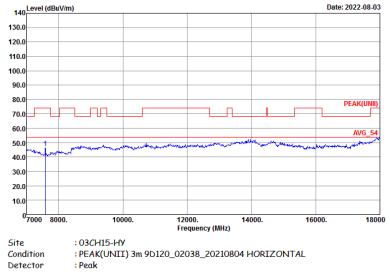
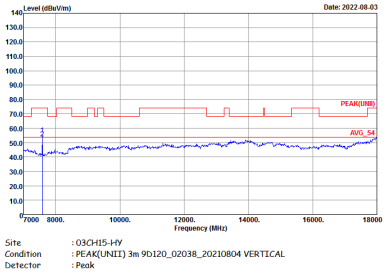
UNII 2C – Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C – Straddle Channel

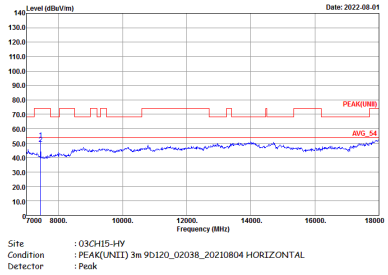
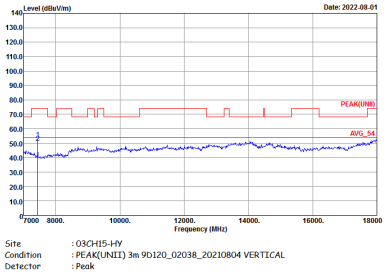
WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)

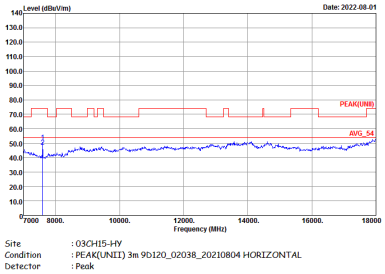
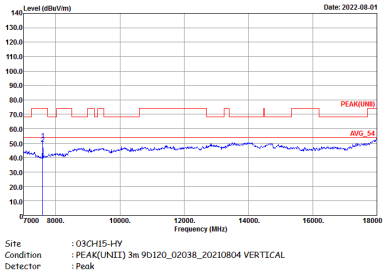
WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Partial 996/67 CH138 5690MHz	
5+4	Horizontal	Vertical
Peak Avg.		

<Antenna C>

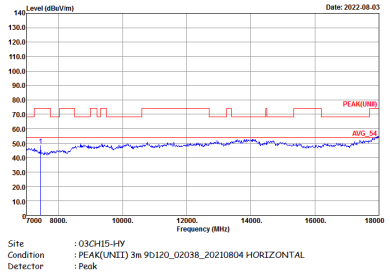
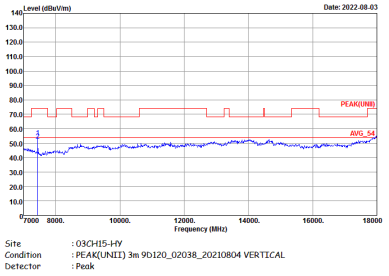
UNII 2C - 5470~5725MHz

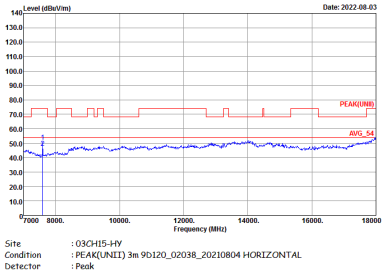
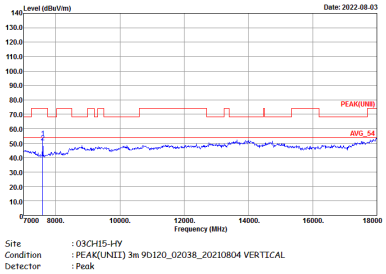
WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11a CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

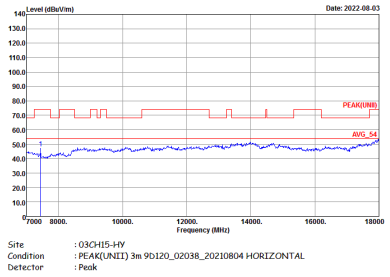
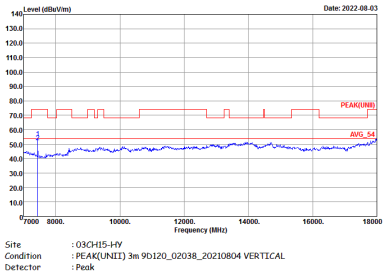
UNII 2C 5470~5725MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

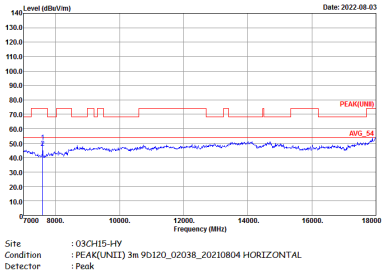
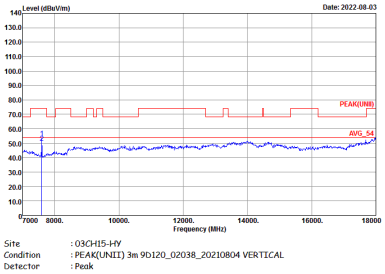
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.		

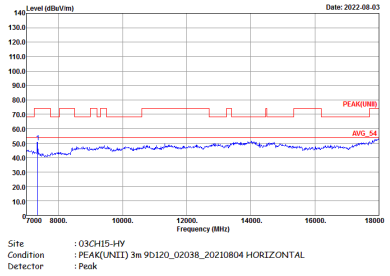
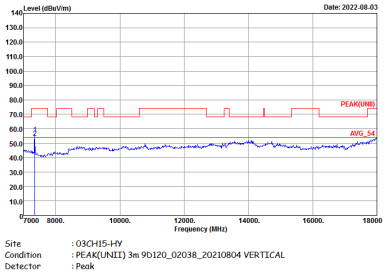
UNII 2C - 5470~5725MHz

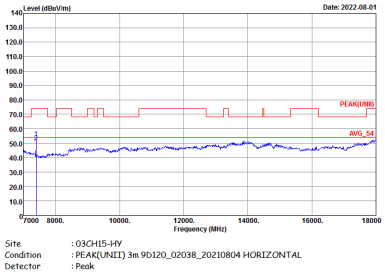
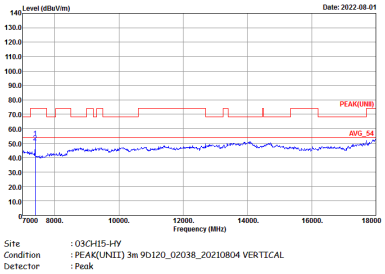
WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

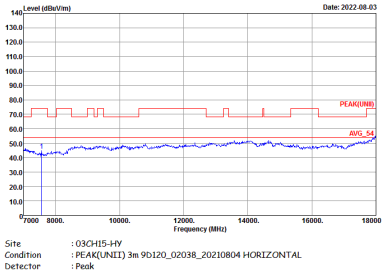
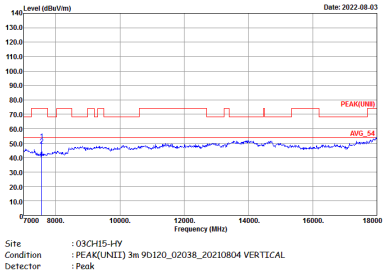
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/4 CH116 5580MHz	
5+4	Horizontal	Vertical
Peak Avg.		

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH140 5700MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

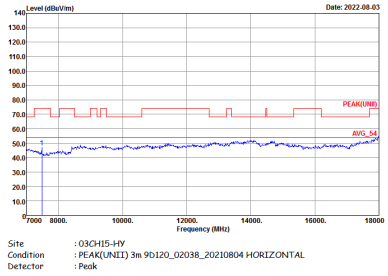
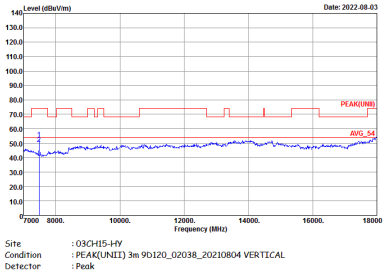
UNII 2C 5470~5725MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz	
5+4	Horizontal	Vertical
Peak Avg.		

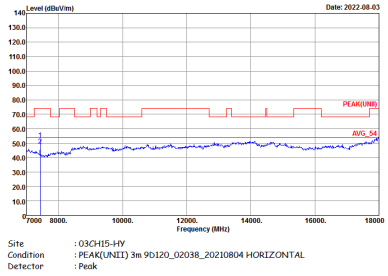
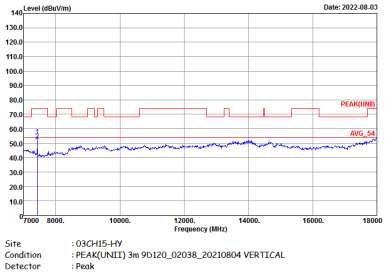
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH110 5550MHz	
5+4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 HORIZONTAL Detector : Peak	 Site : 03CH15-HY Condition : PEAK(UNII) 3m 9D120_02038_20210804 VERTICAL Detector : Peak

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C 5470~5725MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

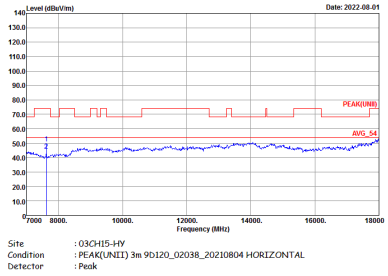
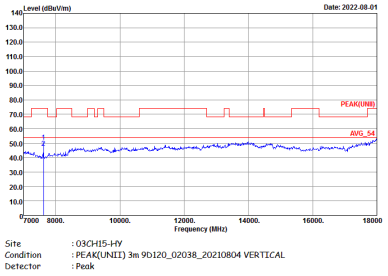
WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C 5470~5725MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI	UNII 2C 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE160 Full CH114 5570MHz	
5+4	Horizontal	Vertical
Peak Avg.		

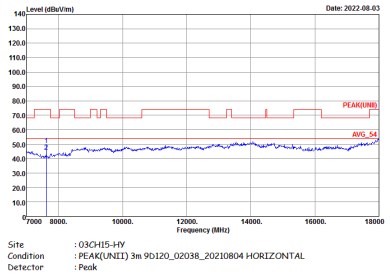
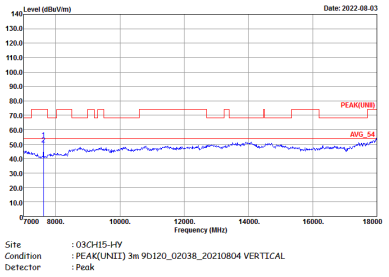
UNII 2C - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

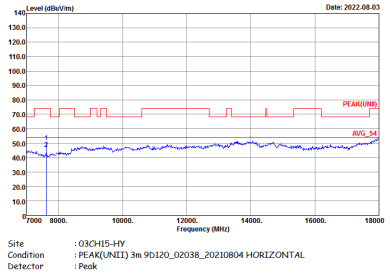
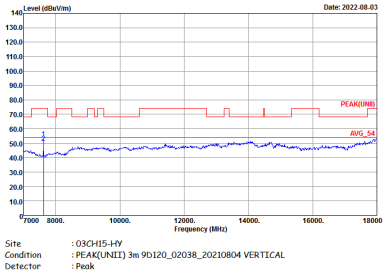
UNII 2C – Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

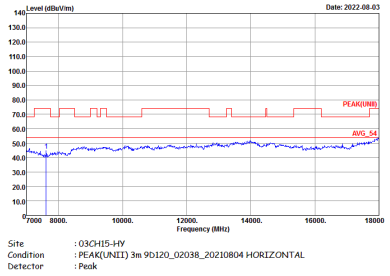
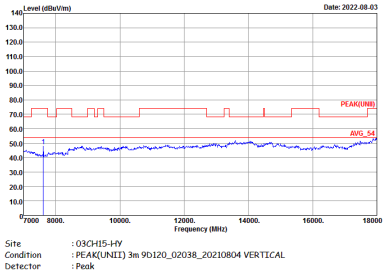
UNII 2C - Straddle Channel

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH144 5720MHz	
5+4	Horizontal	Vertical
Peak Avg.		

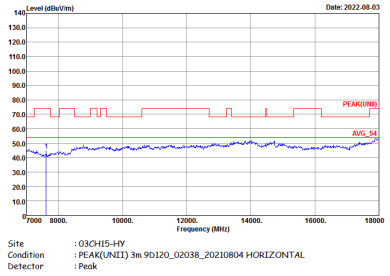
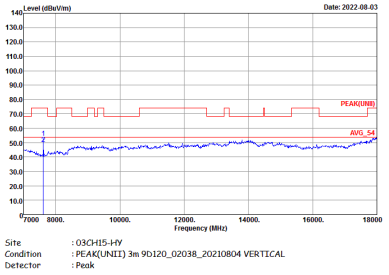
UNII 2C – Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz	
5+4	Horizontal	Vertical
Peak Avg.		

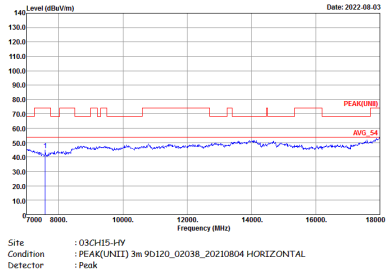
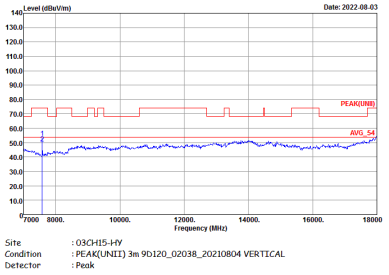
UNII 2C – Straddle Channel

WIFI 802.11ax HE40 Partial 484 (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Partial 484/65 CH142 5710MHz	
5+4	Horizontal	Vertical
Peak Avg.		

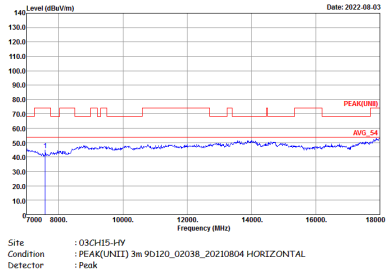
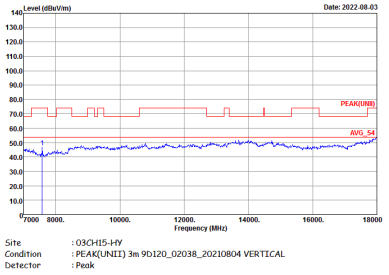
UNII 2C – Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz	
5+4	Horizontal	Vertical
Peak Avg.		

UNII 2C – Straddle Channel

WIFI 802.11ax HE80 Partial 996 (Harmonic @ 3m)

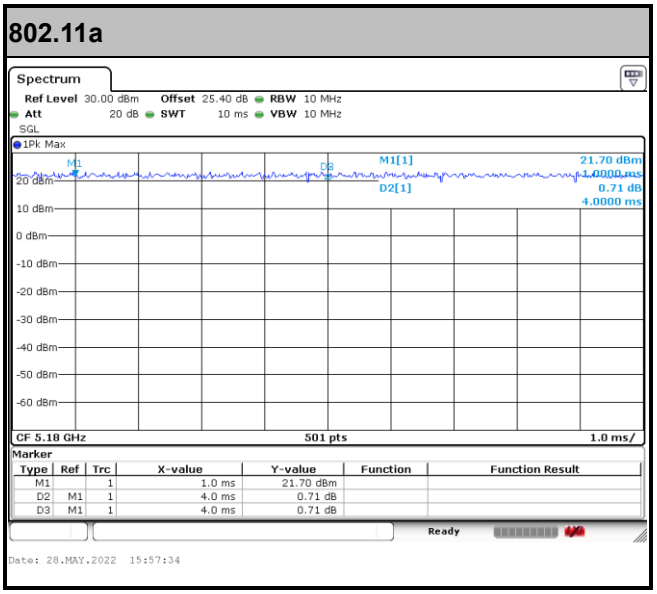
WIFI	UNII 2C Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Partial 996/67 CH138 5690MHz	
5+4	Horizontal	Vertical
Peak Avg.		

Appendix H. Duty Cycle Plots

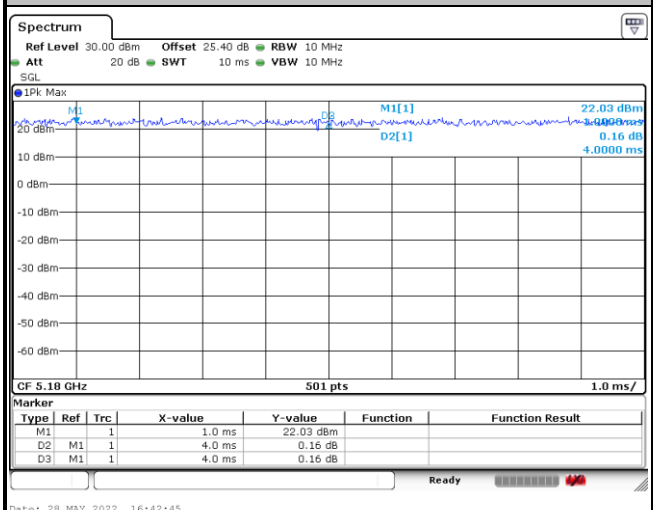
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
5+4	5GHz 802.11a for Ant. 5	100.00	-	-	10Hz
5+4	5GHz 802.11a for Ant. 4	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE20 Full RU for Ant. 5	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE20 Full RU for Ant. 4	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE40 Full RU for Ant. 5	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE40 Full RU for Ant. 4	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE80 Full RU for Ant. 5	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE80 Full RU for Ant. 4	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE160 Full RU for Ant. 5	100.00	-	-	10Hz
5+4	5GHz 802.11ax HE160 Full RU for Ant. 4	100.00	-	-	10Hz

MIMO <Ant. 5>

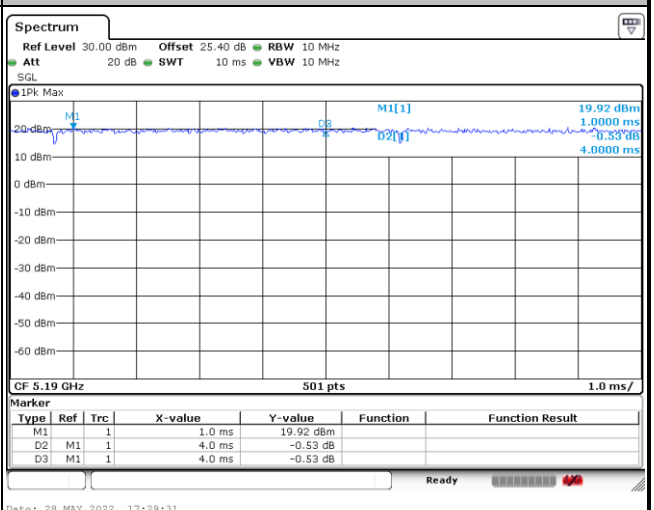
802.11a



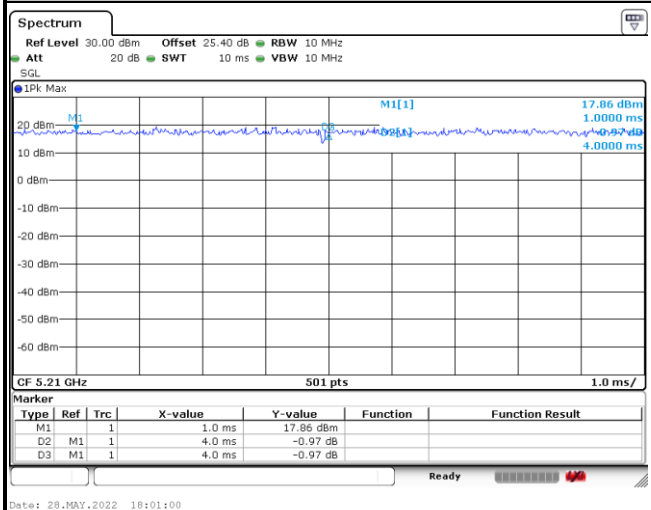
802.11ax HE20 Full RU



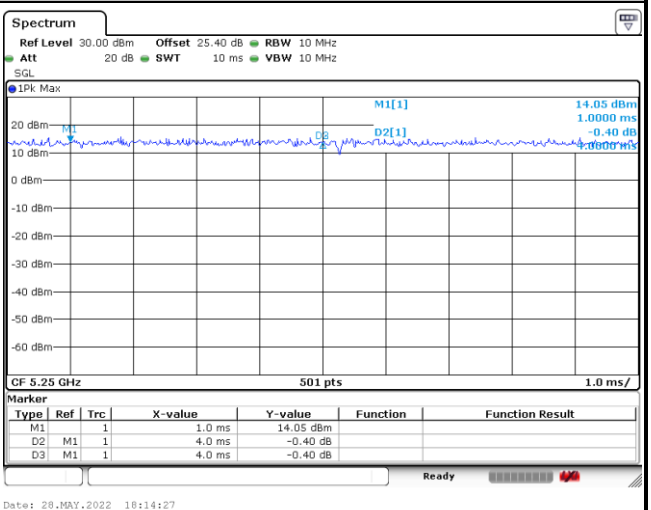
802.11ax HE40 Full RU



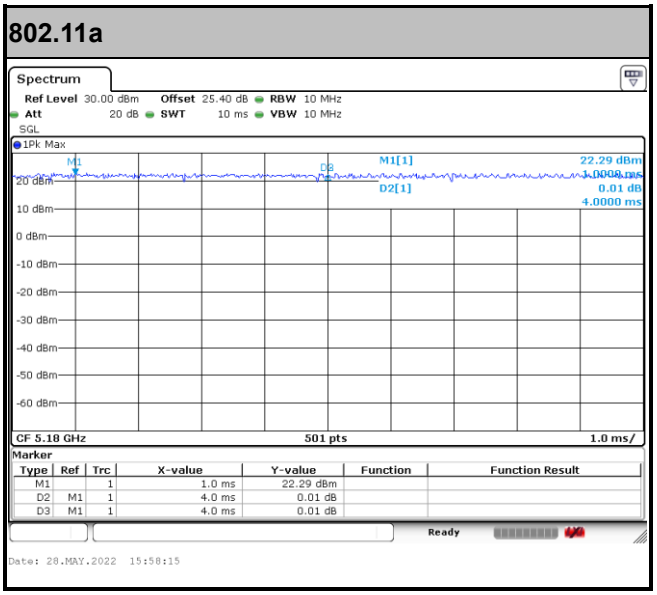
802.11ax HE80 Full RU

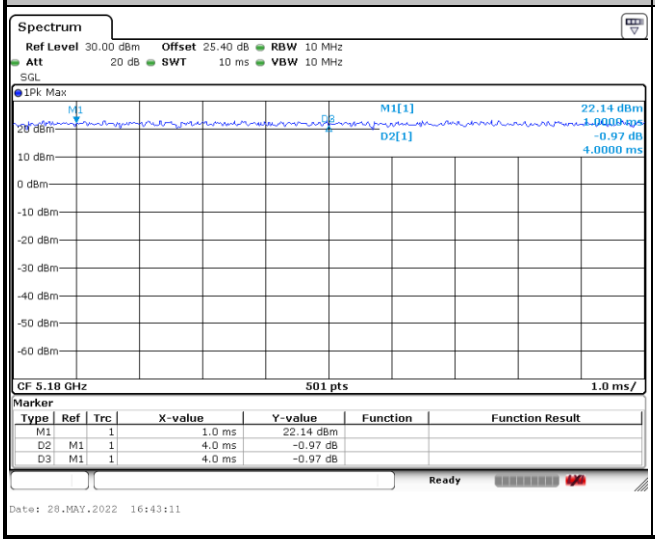
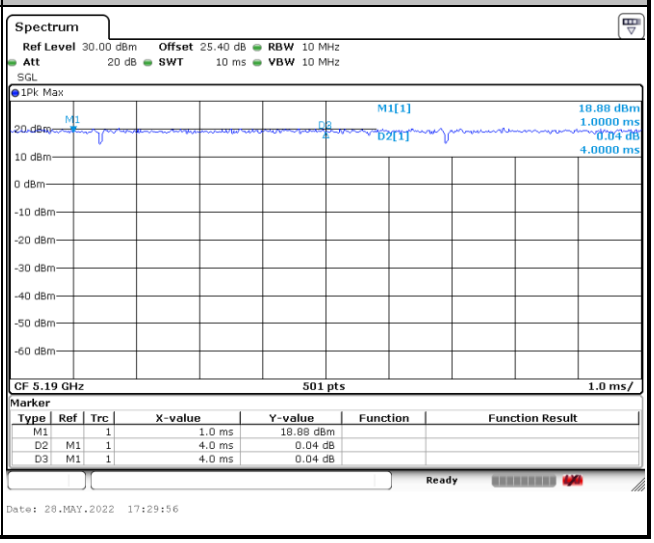


802.11ax HE160 Full RU



MIMO <Ant. 4>

802.11a


802.11ax HE20 Full RU	802.11ax HE40 Full RU
	

802.11ax HE80 Full RU	802.11ax HE160 Full RU