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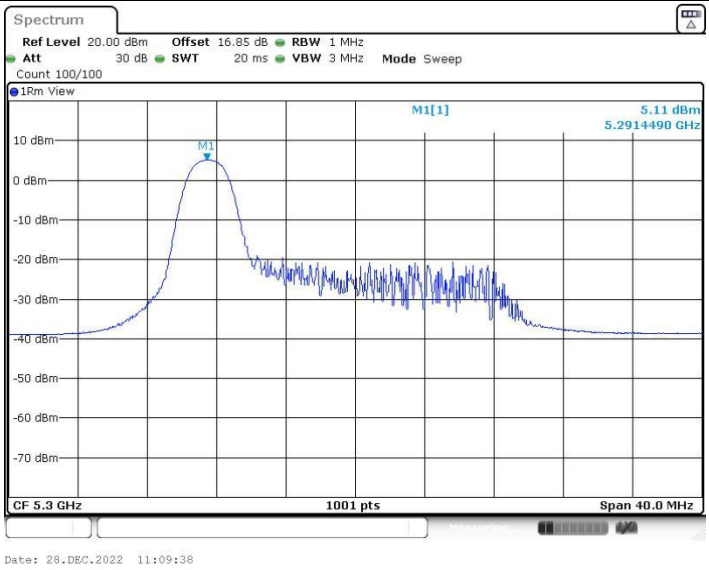

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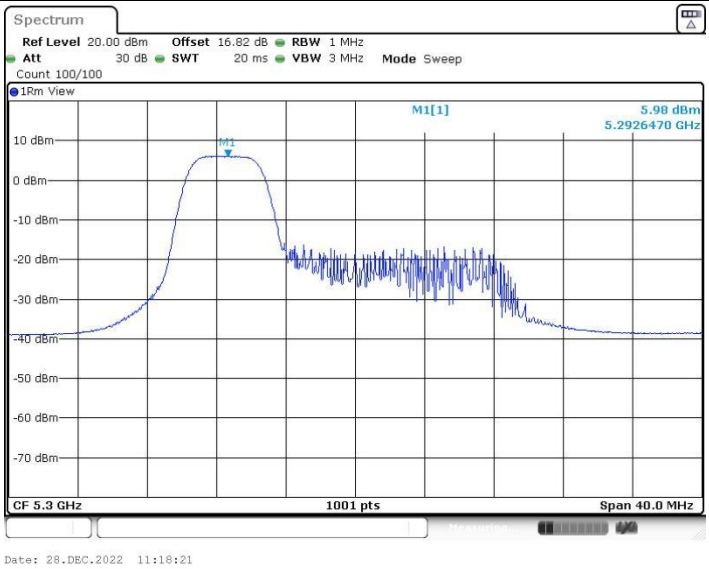

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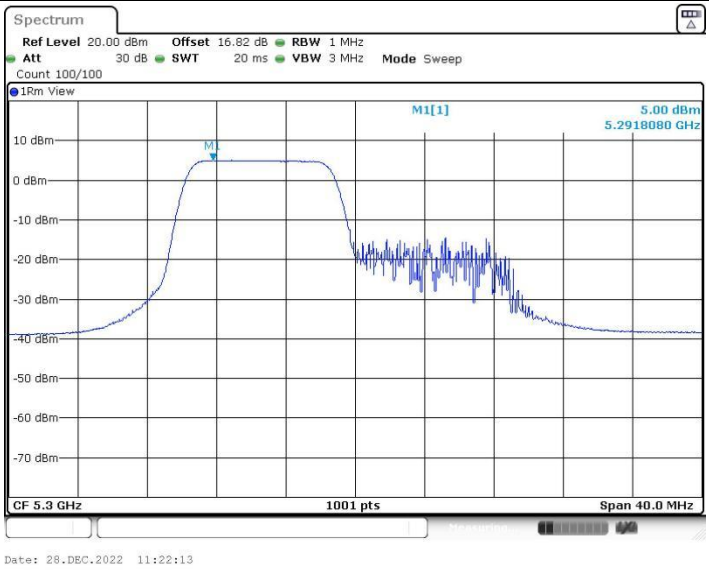

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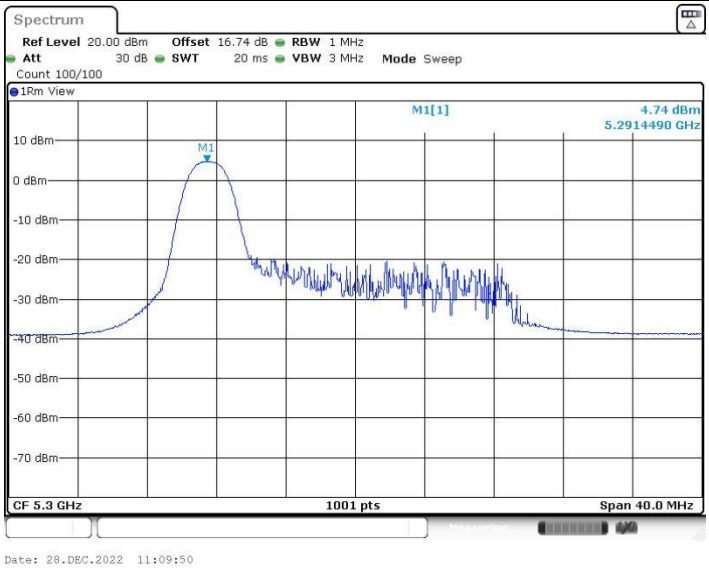

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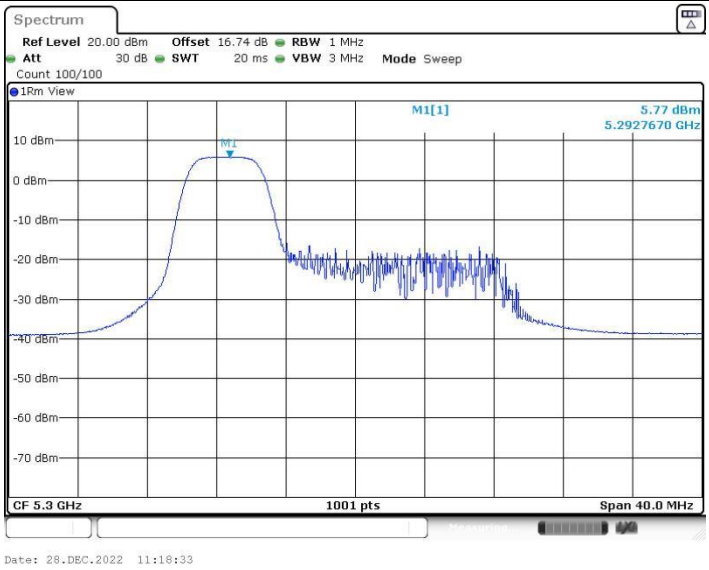

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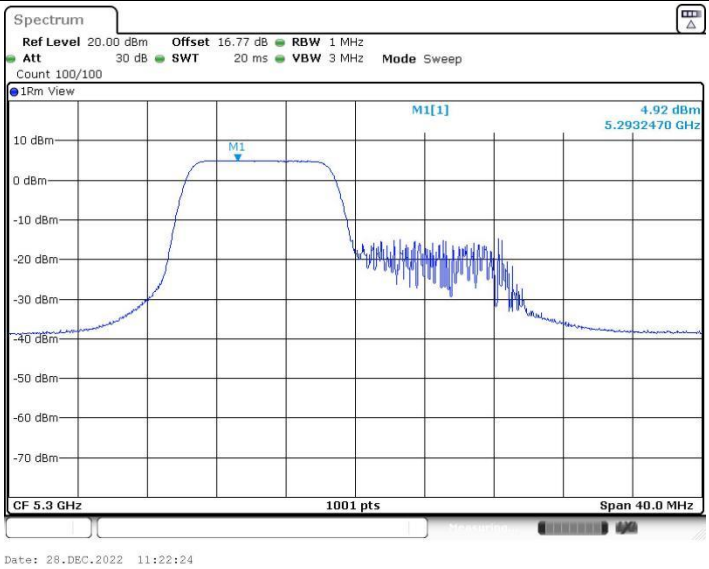

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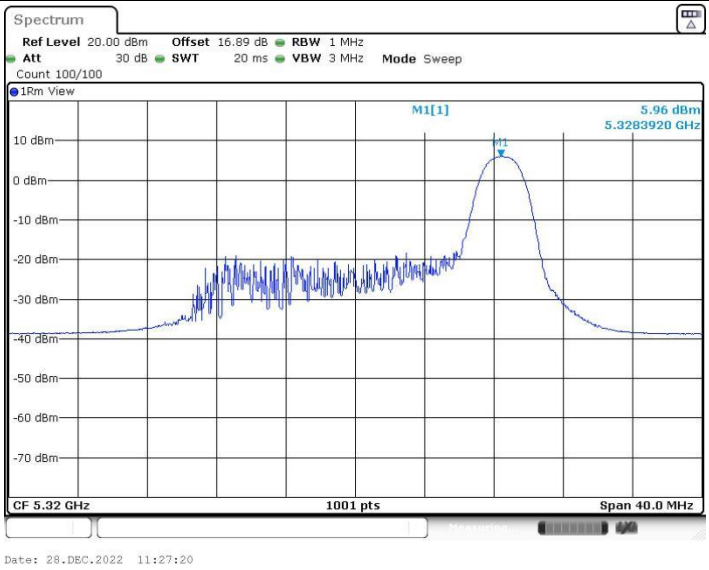

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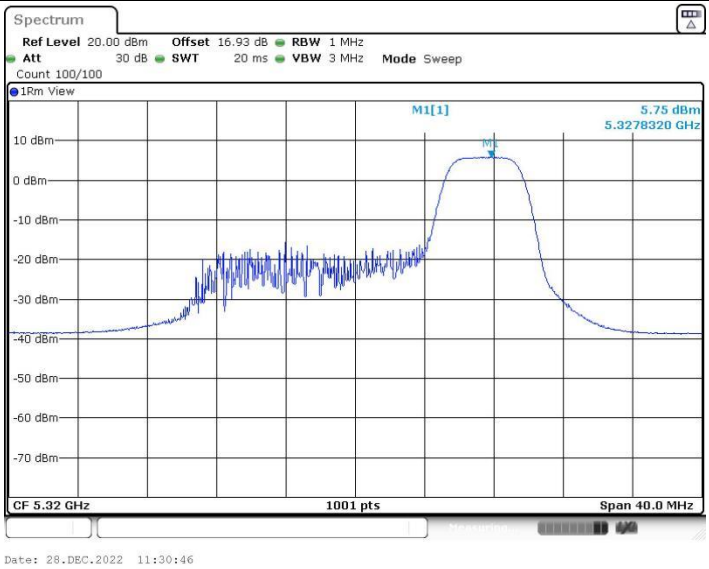

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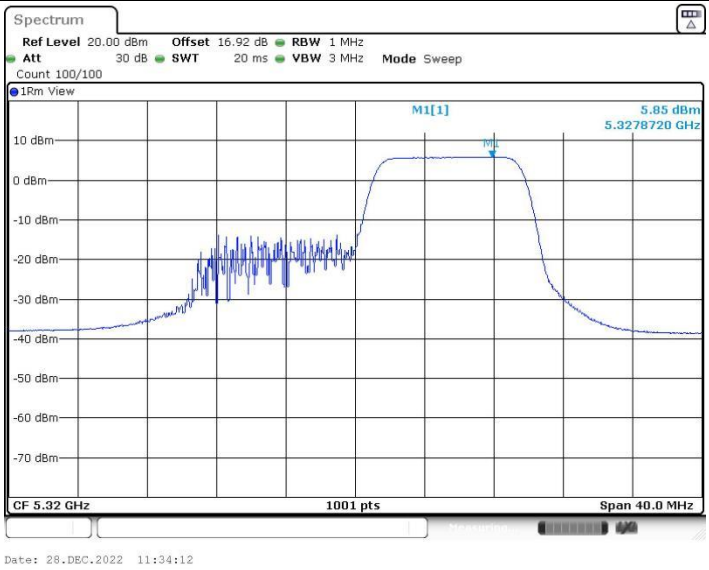

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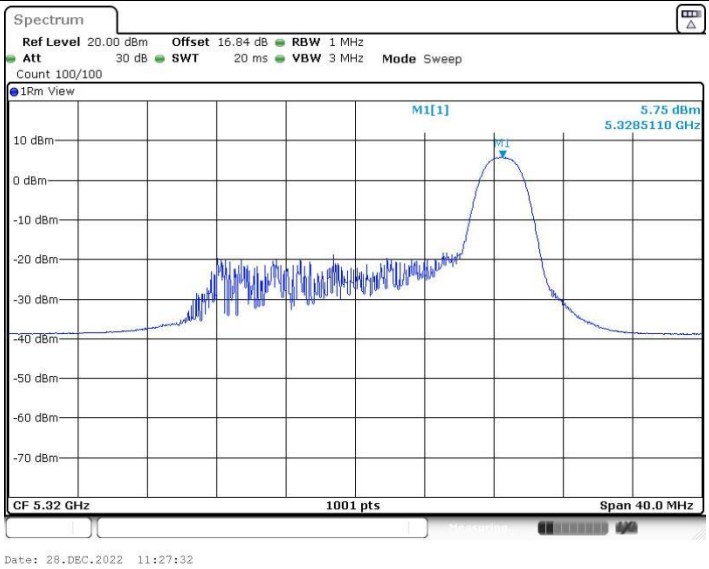

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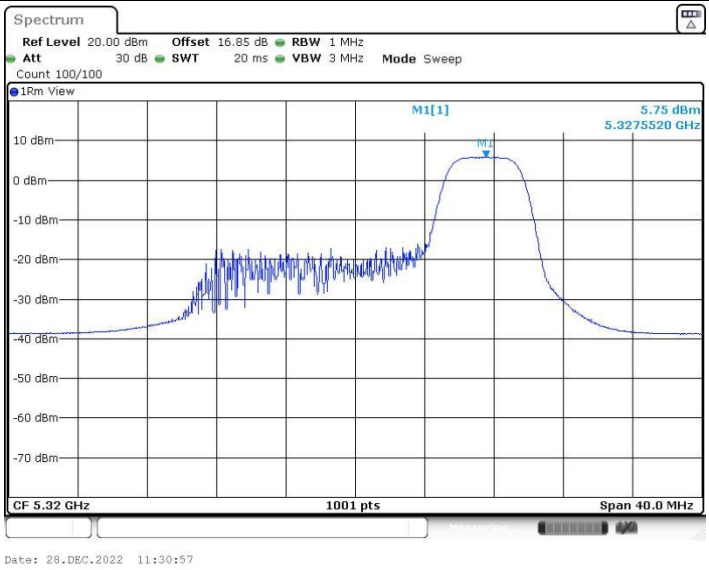

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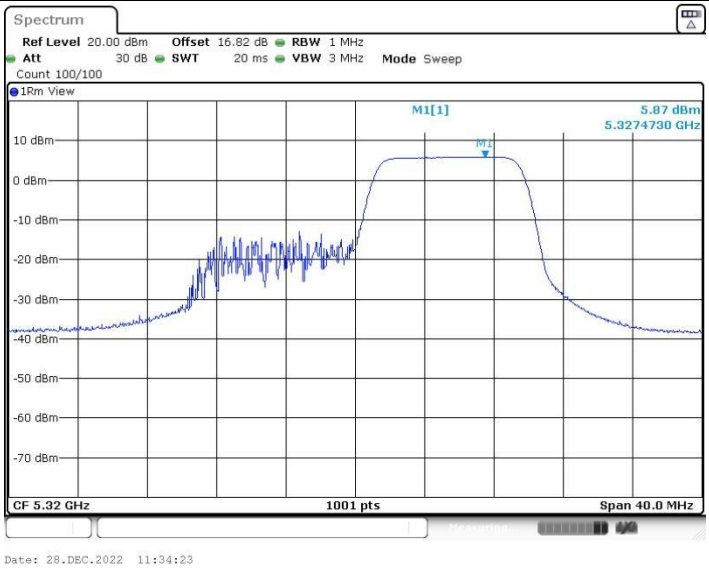

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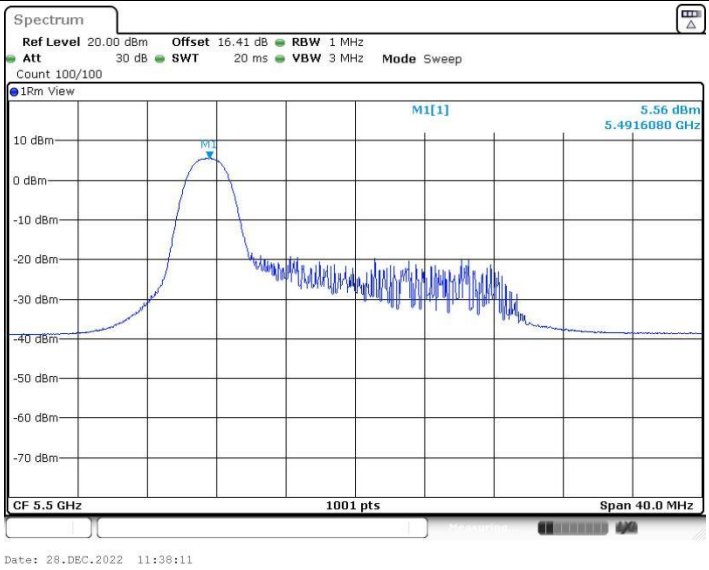

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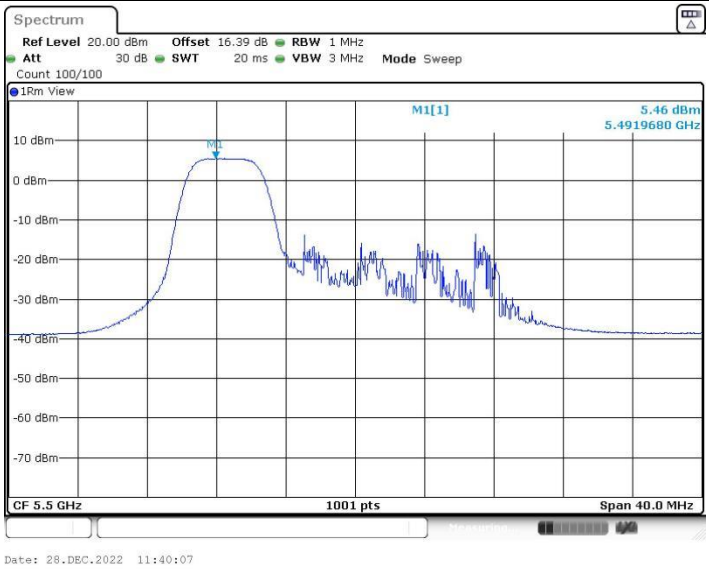

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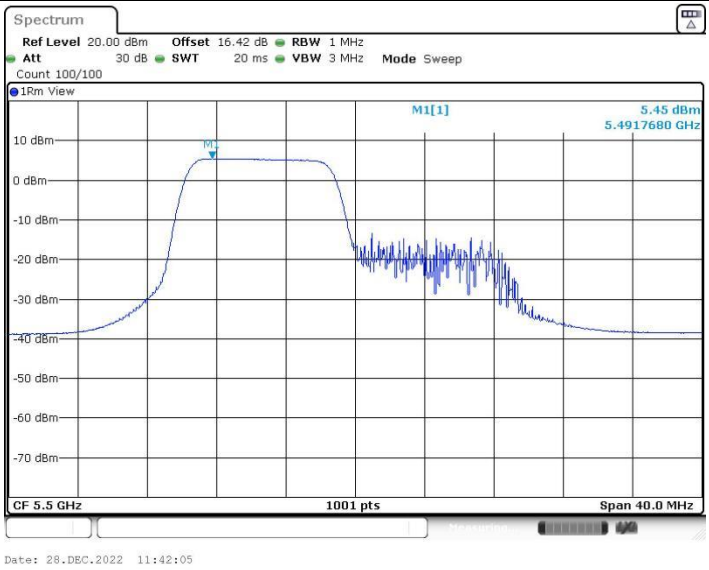

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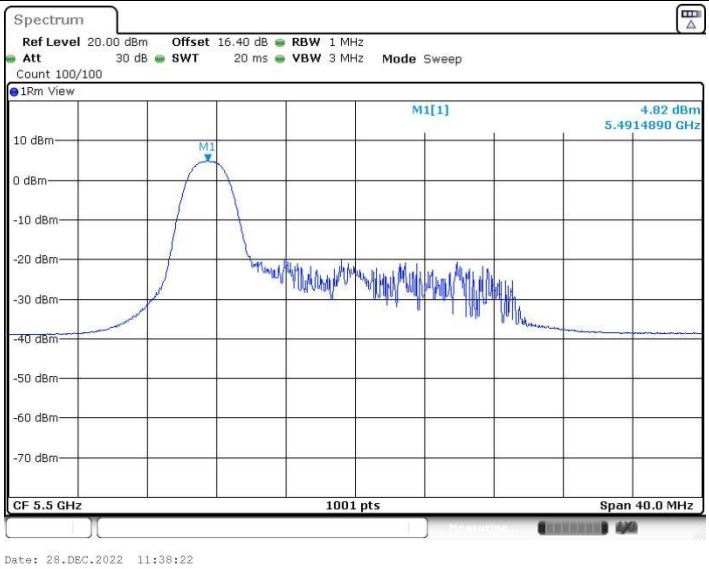

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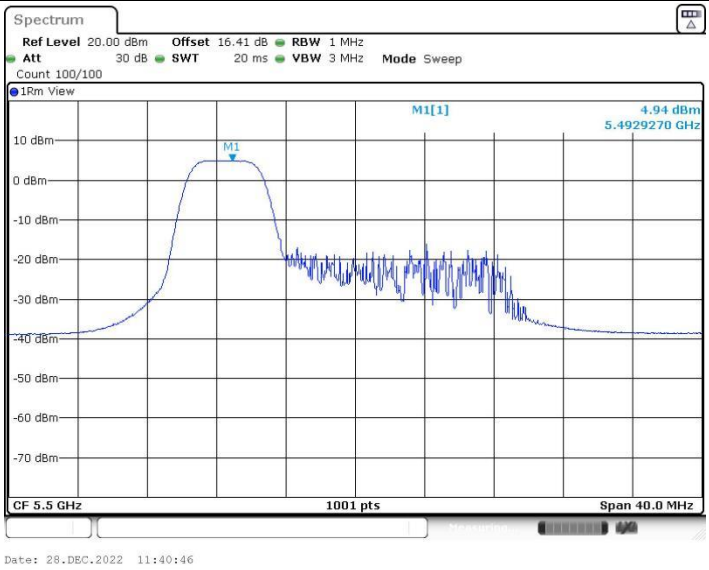

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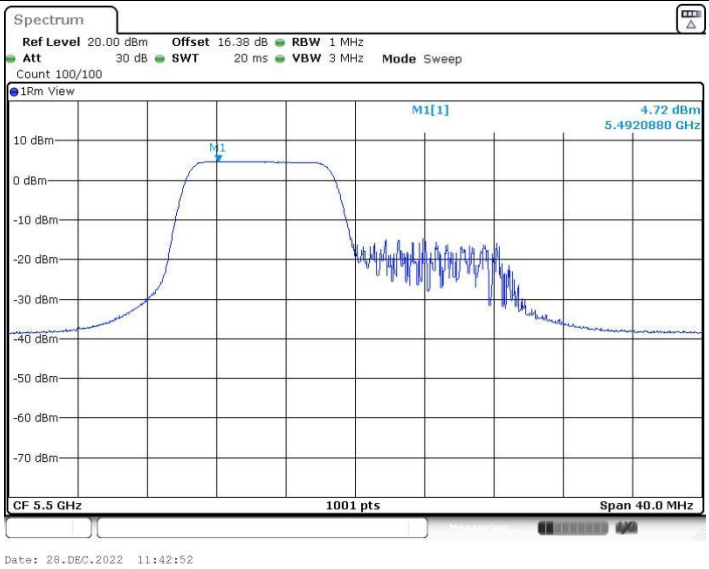

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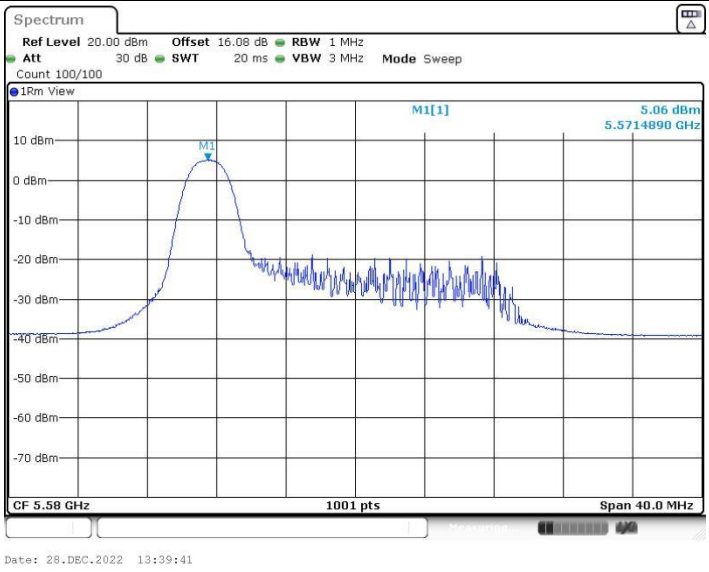

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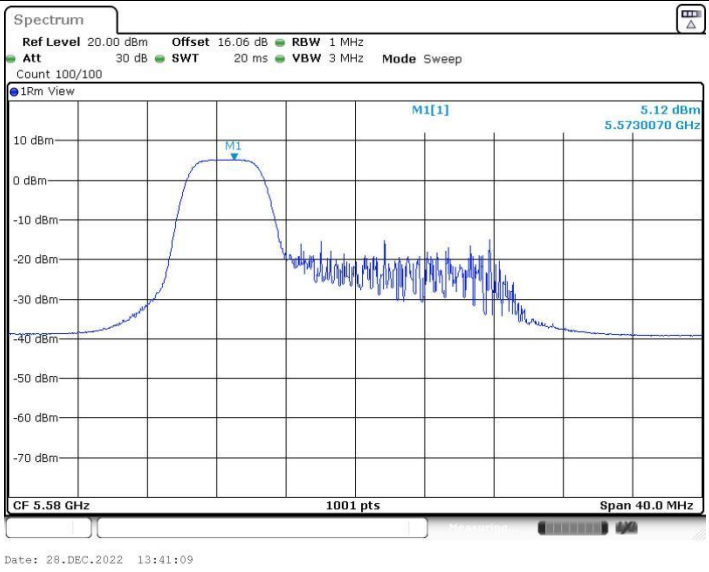

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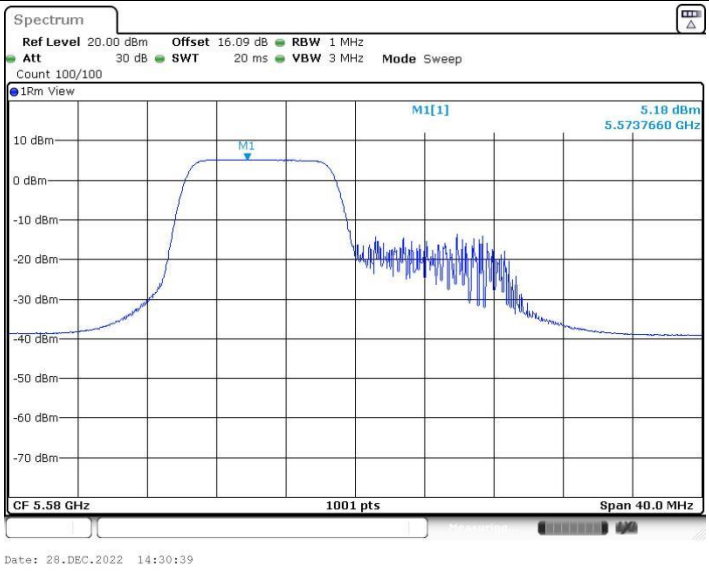

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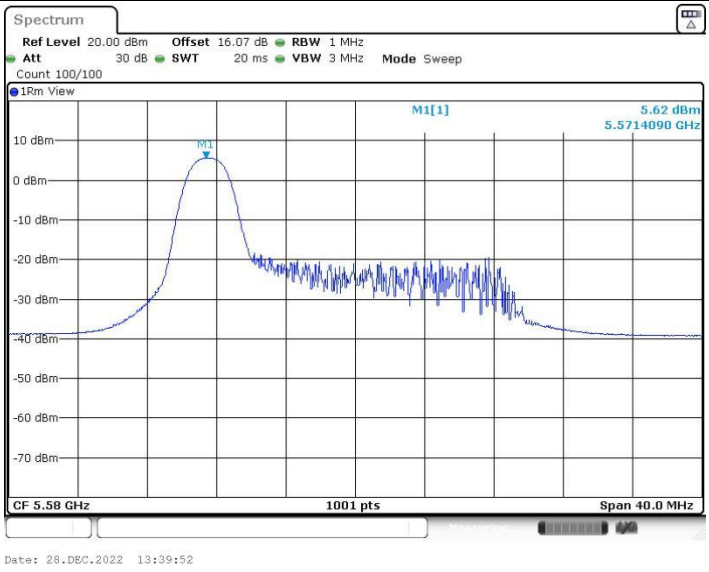

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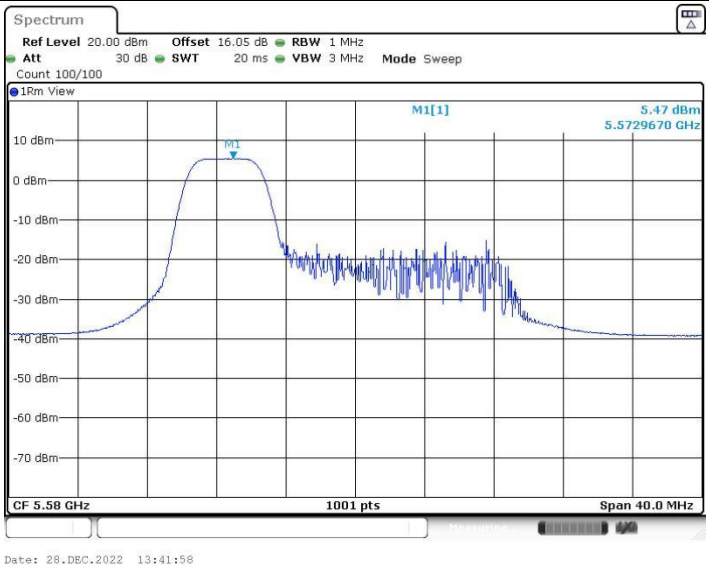

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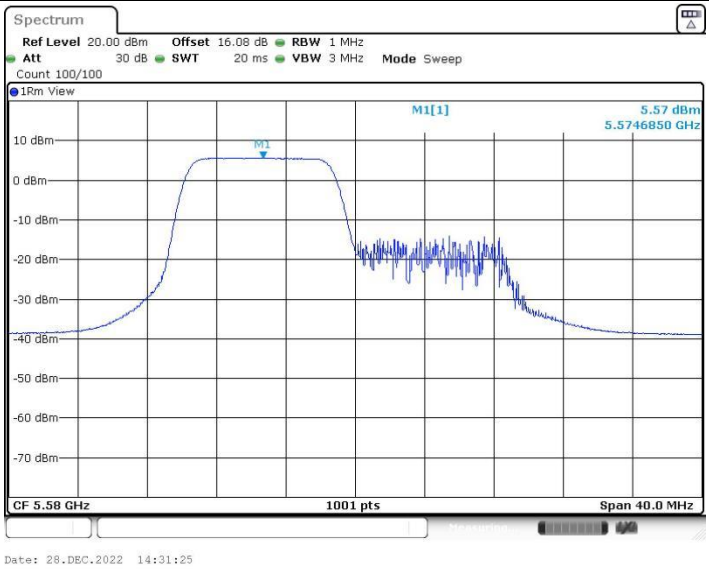

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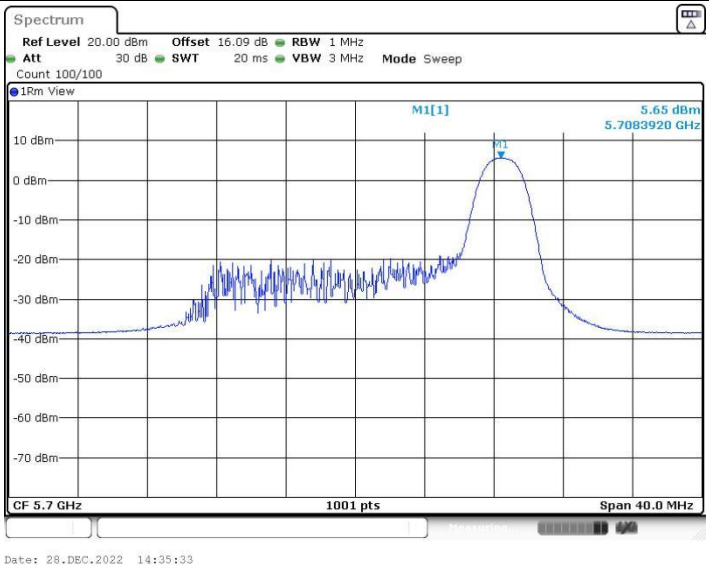

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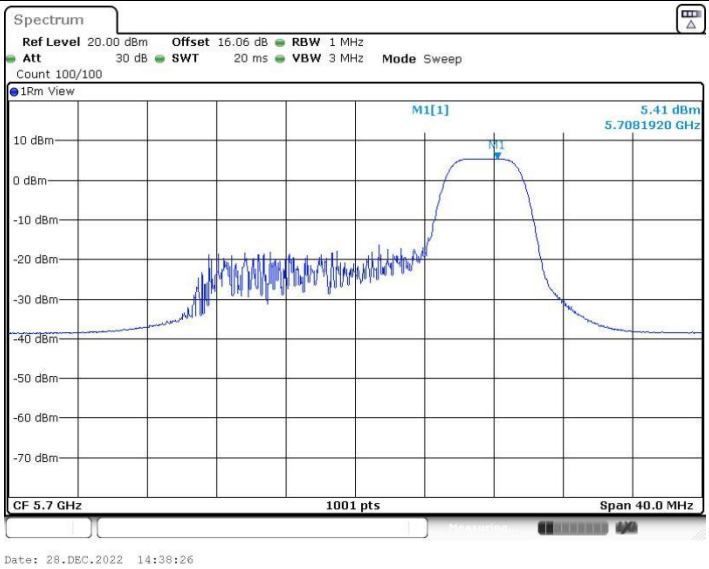

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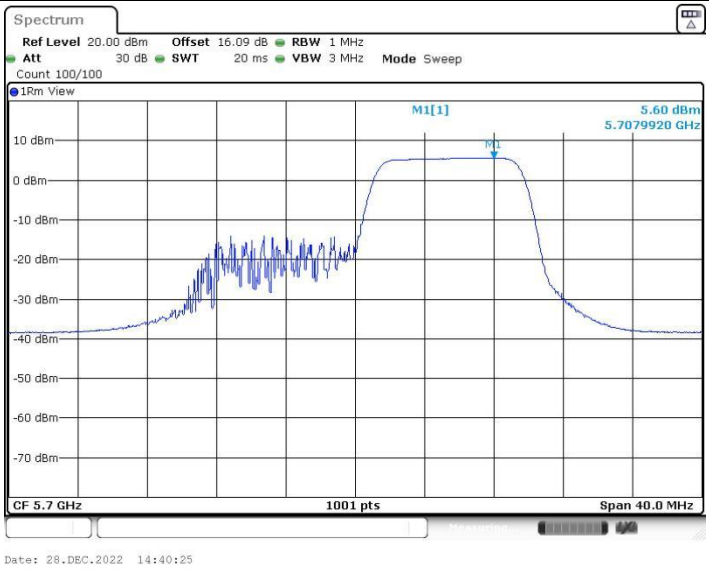

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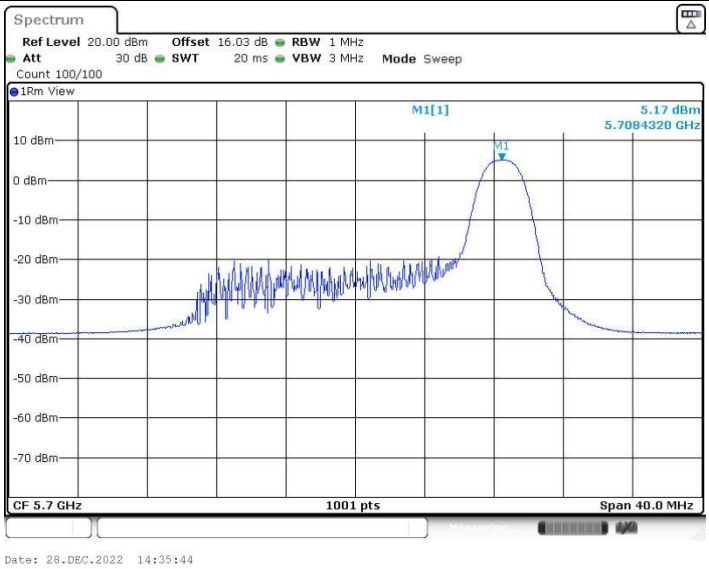

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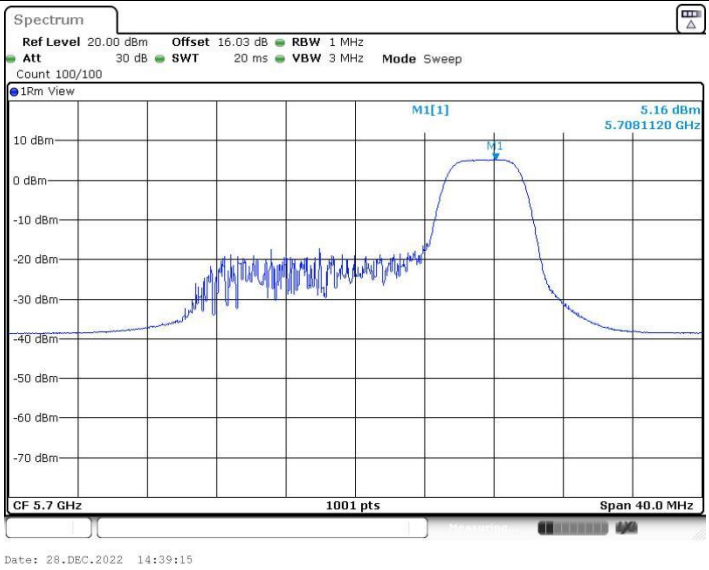

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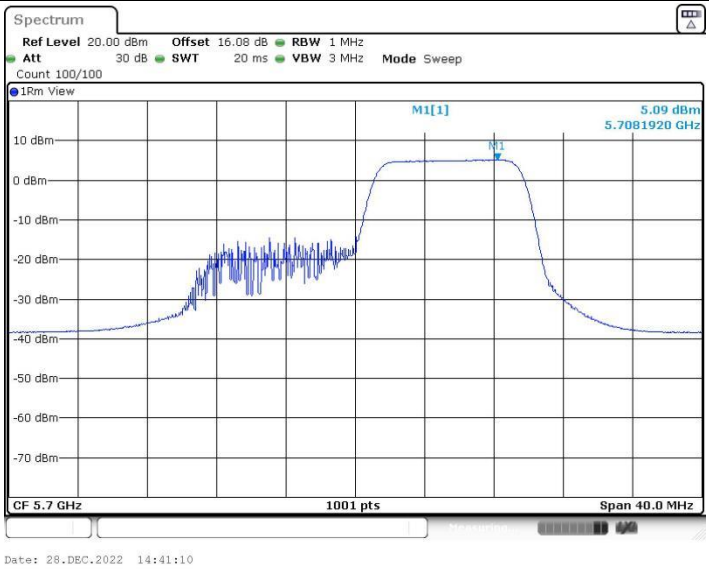

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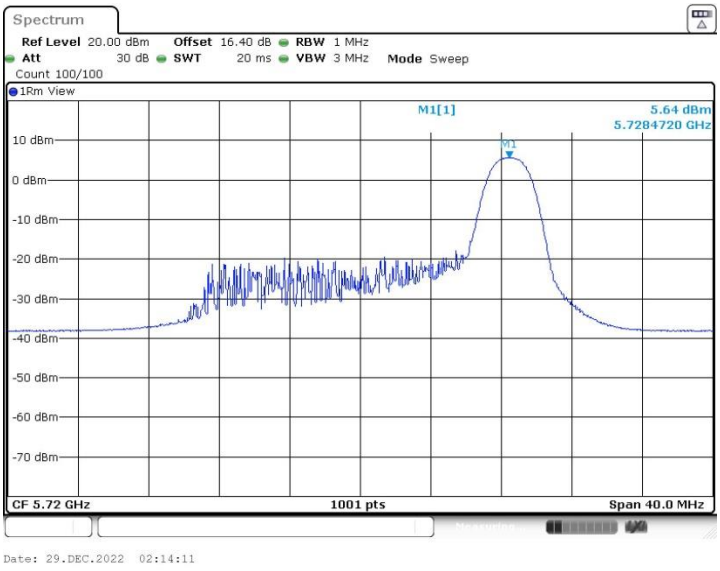

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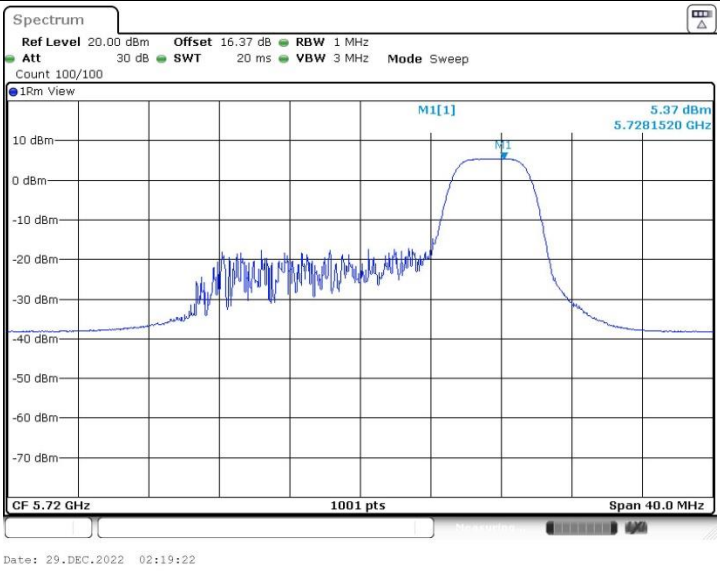

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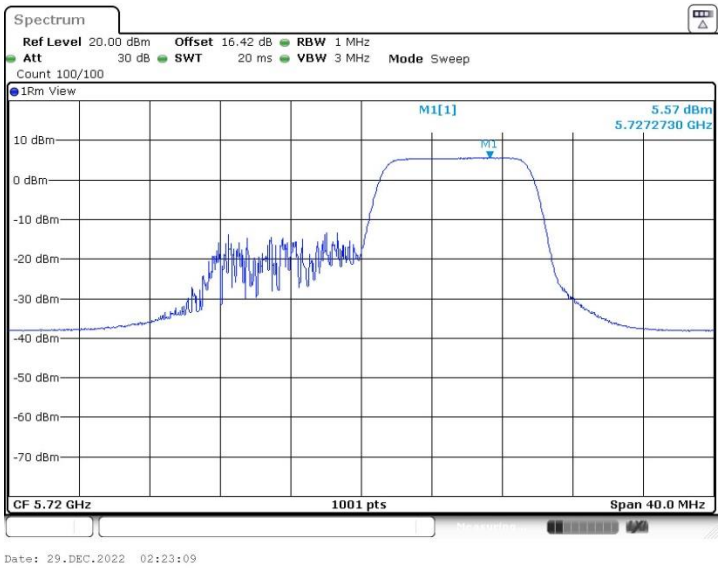

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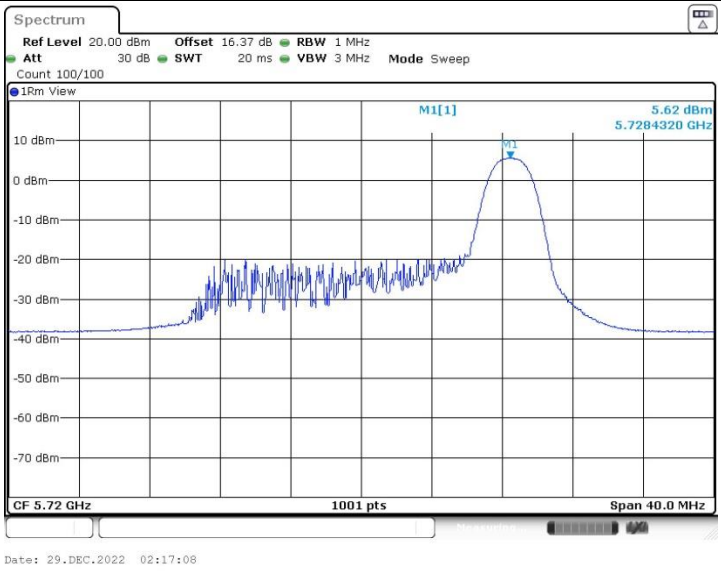

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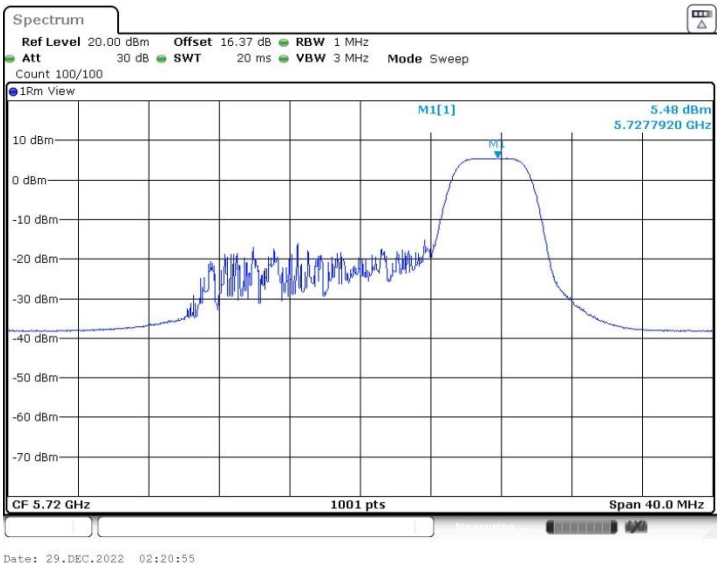

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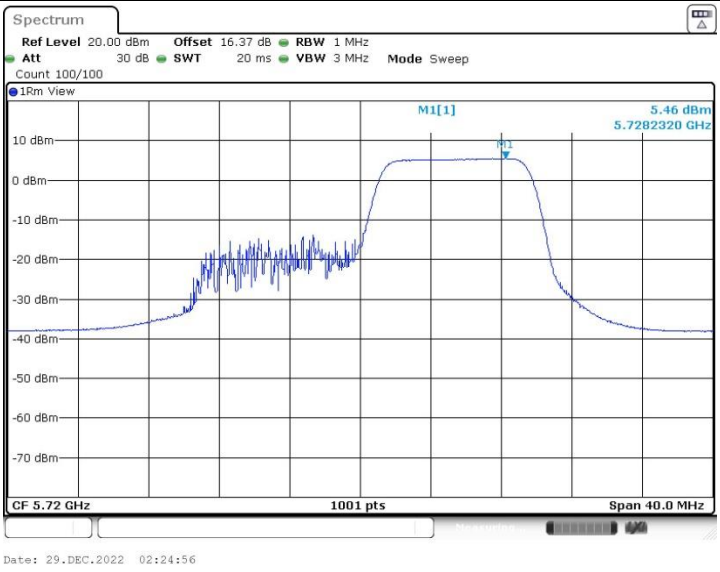

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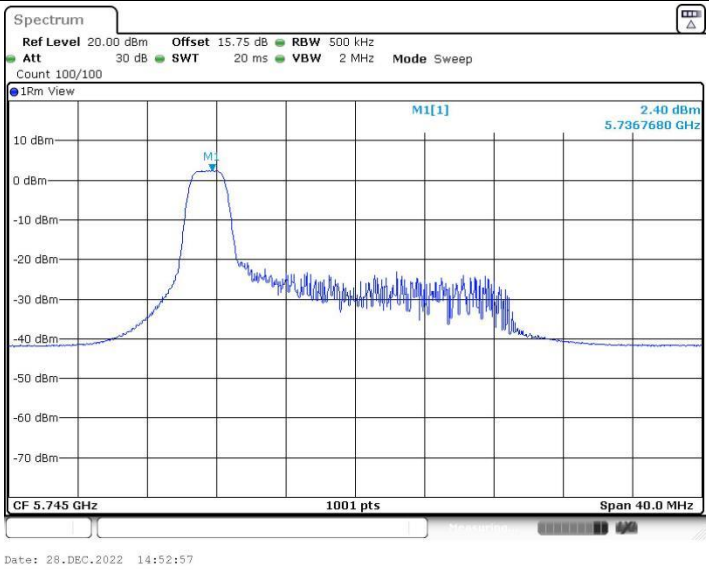

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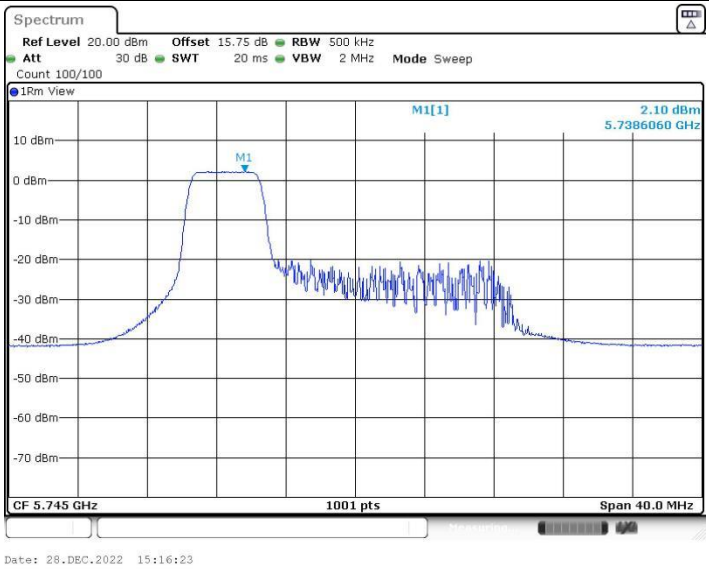

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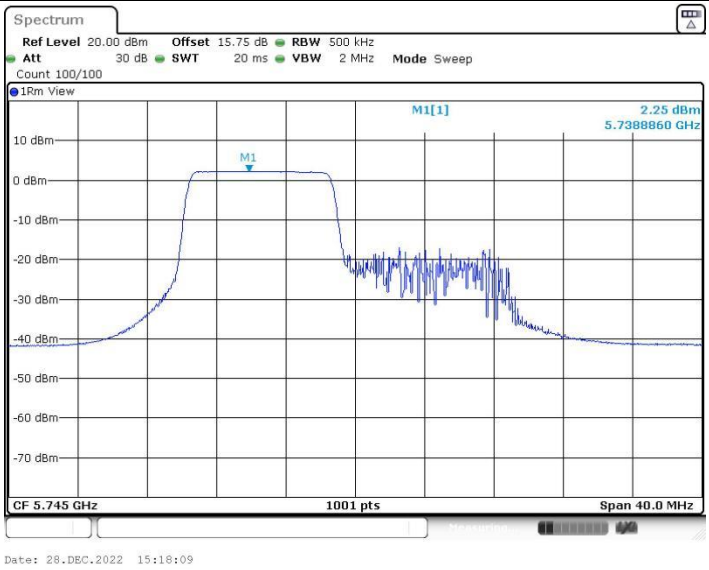

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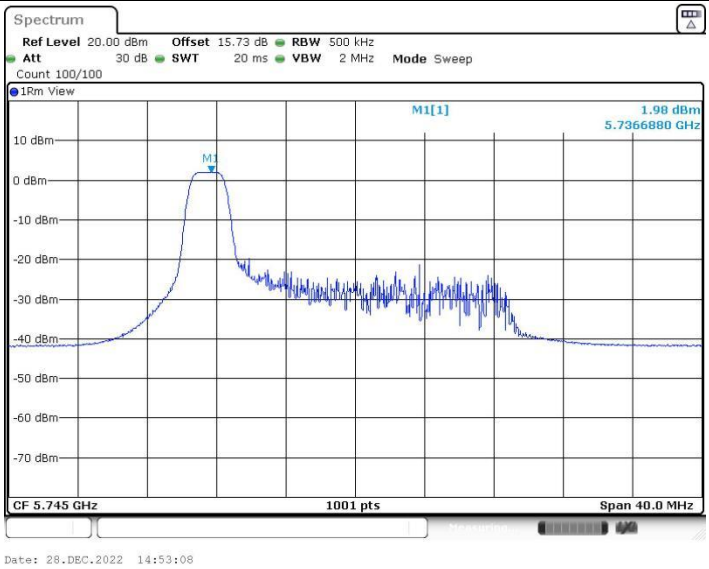

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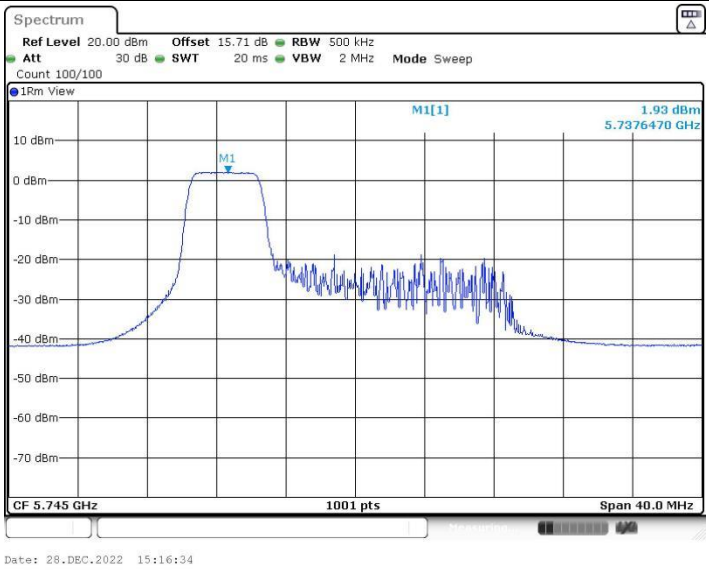

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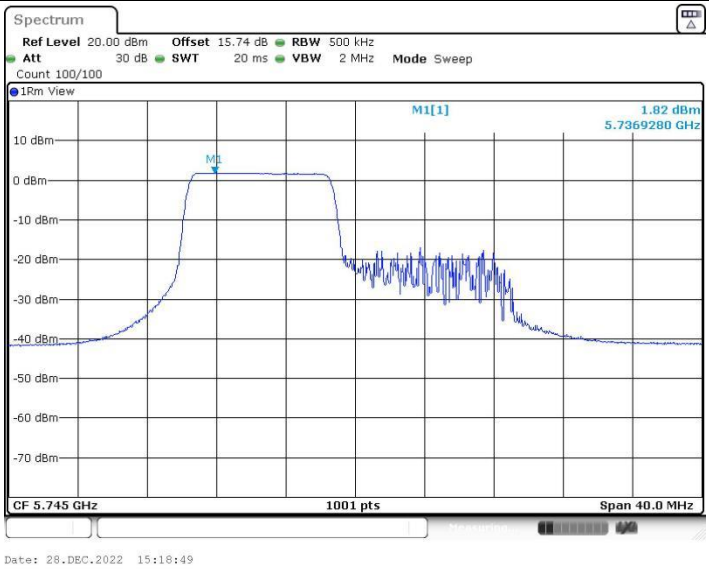

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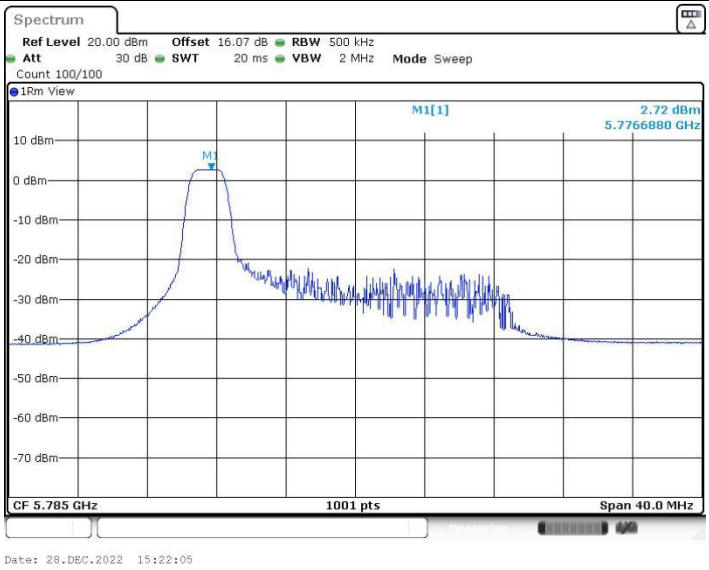

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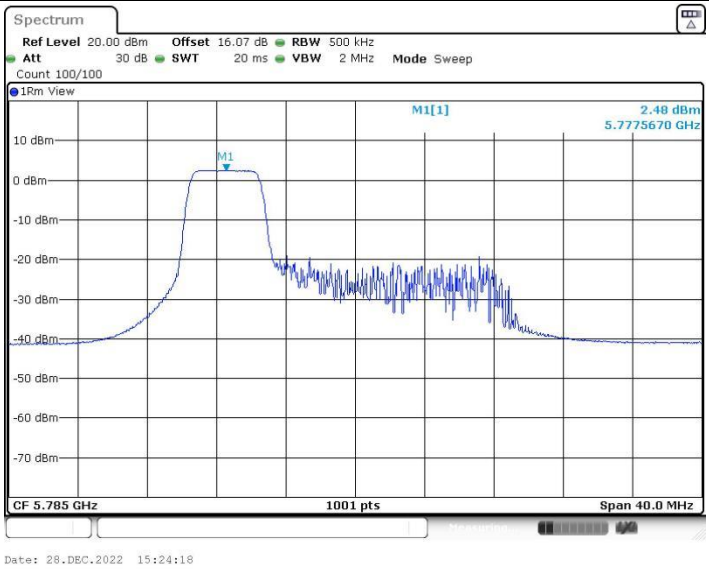

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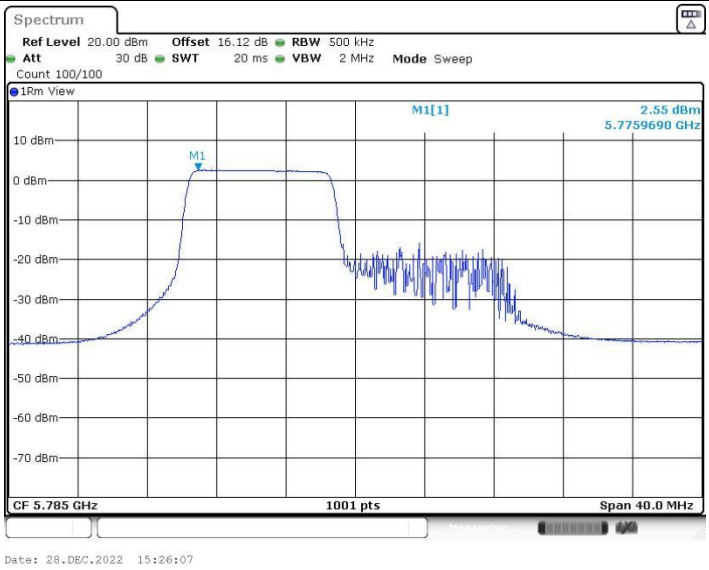

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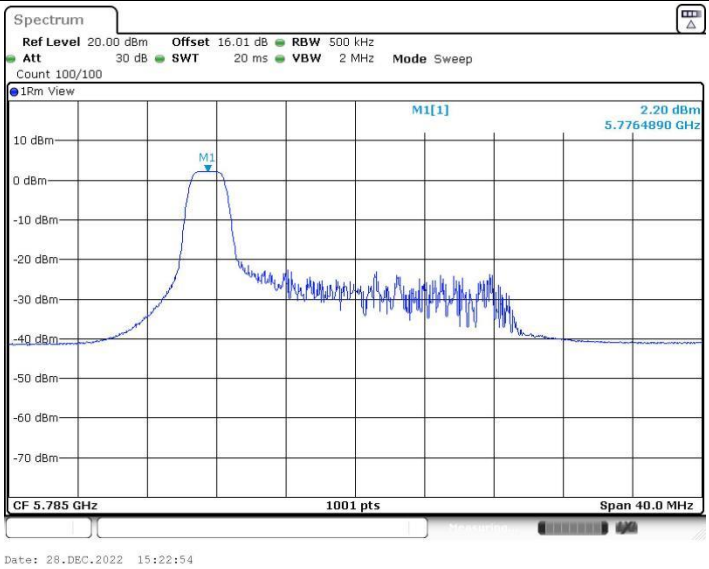

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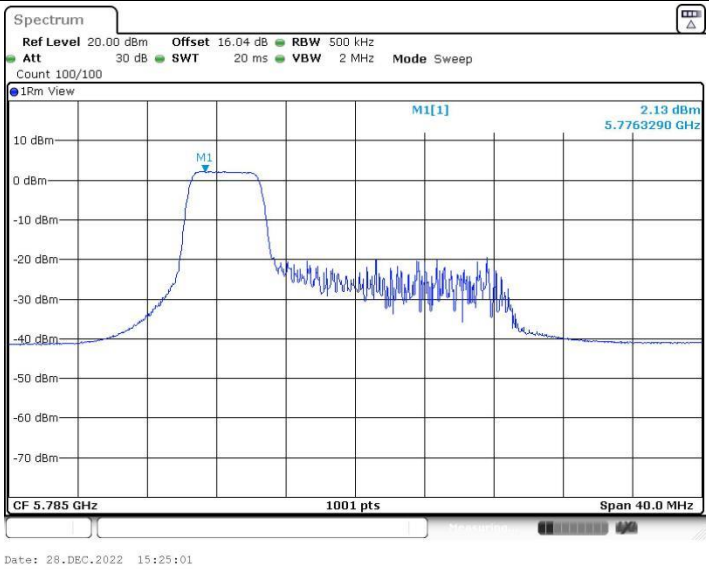

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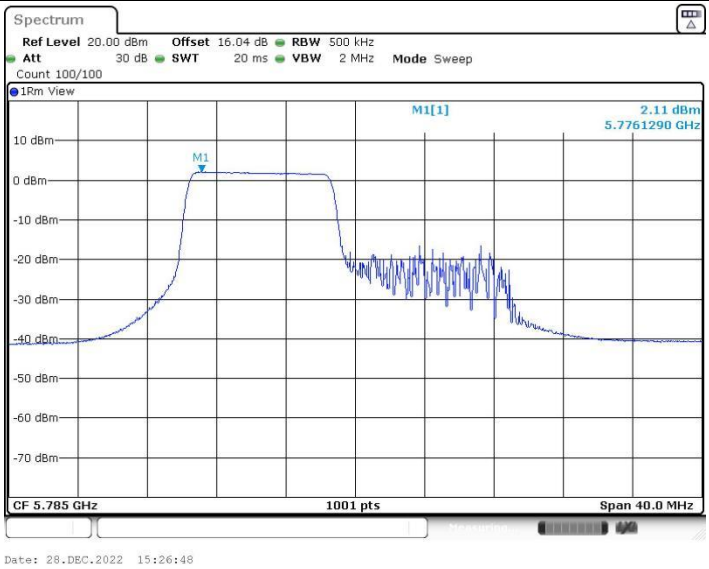

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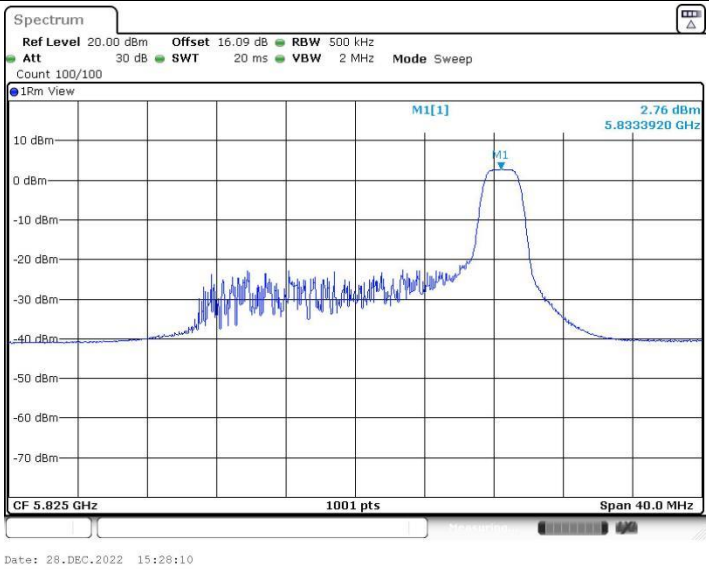

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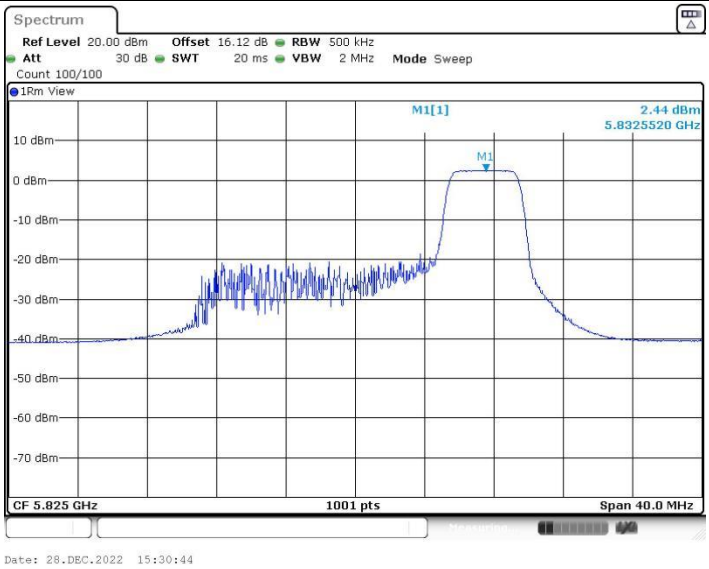

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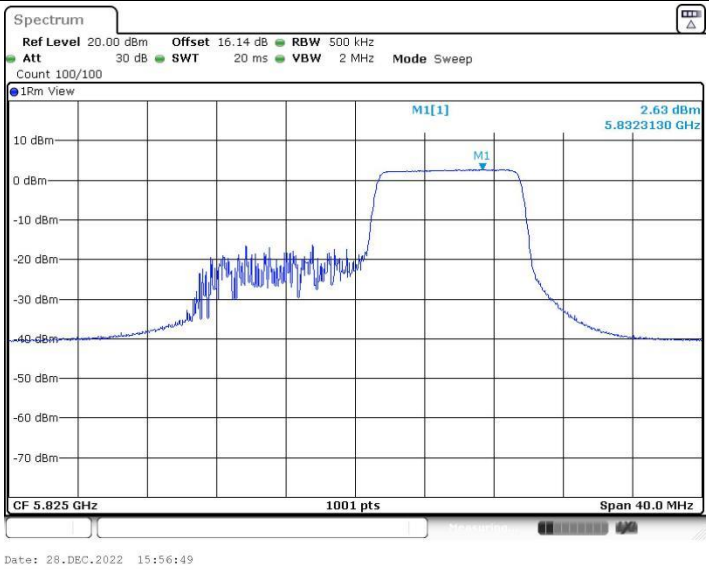

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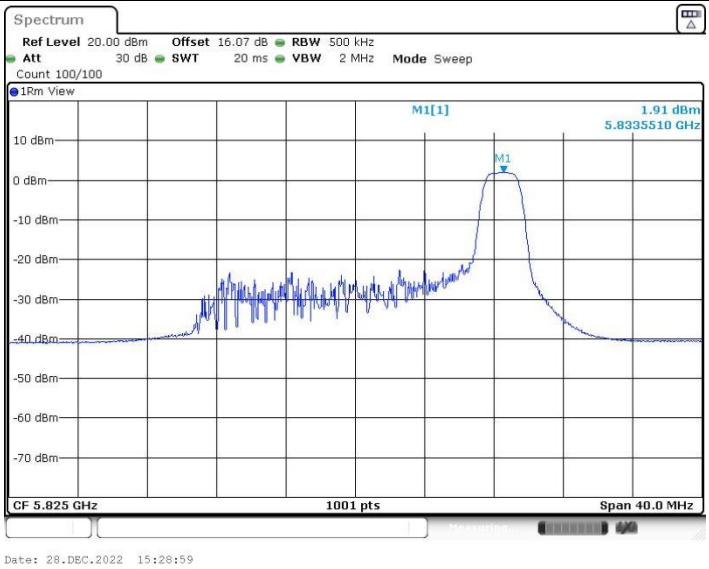
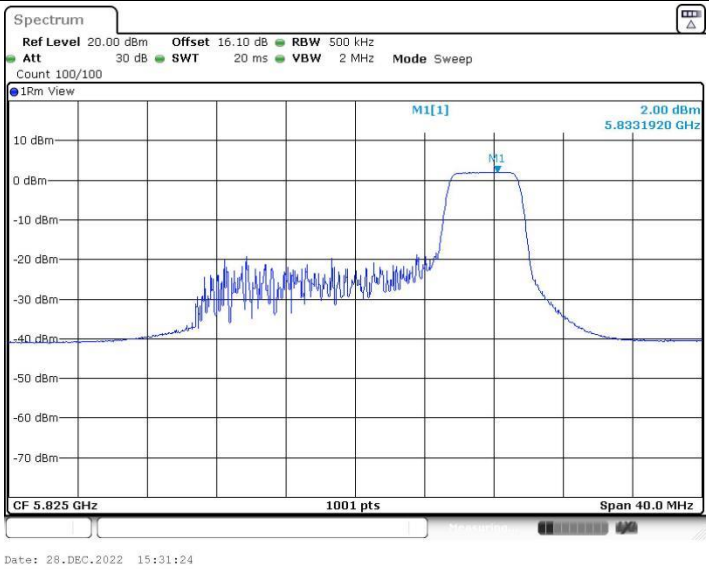
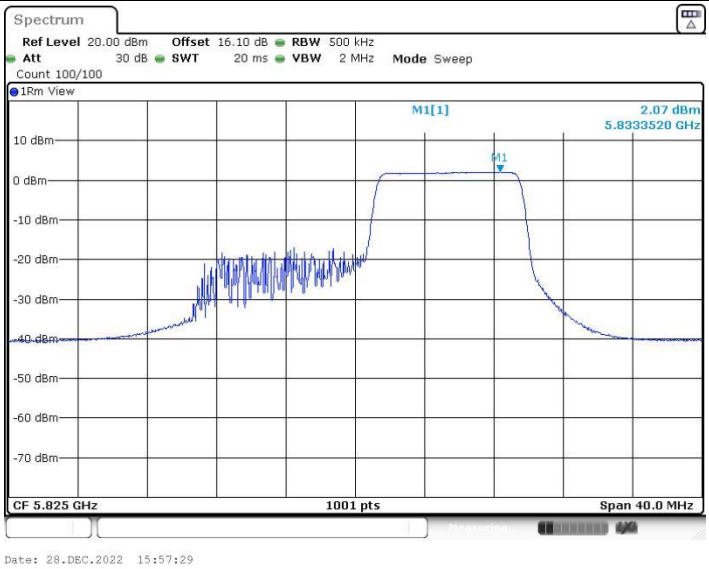
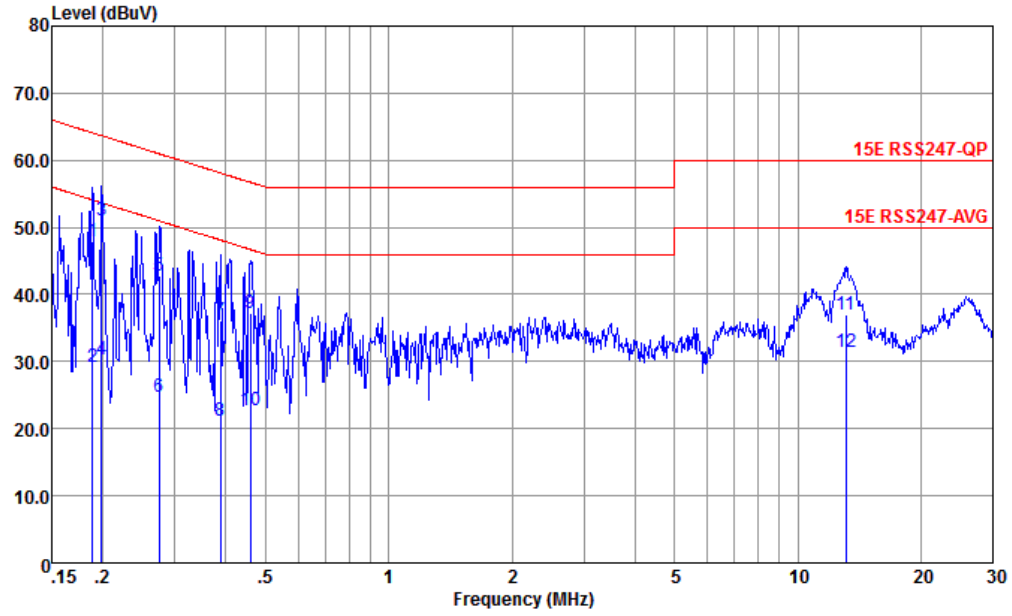


11AX20MIMO_Ant4_5825_52Tone_RU40


11AX20MIMO_Ant4_5825_106Tone_RU54


Appendix B. AC Conducted Emission Test Results

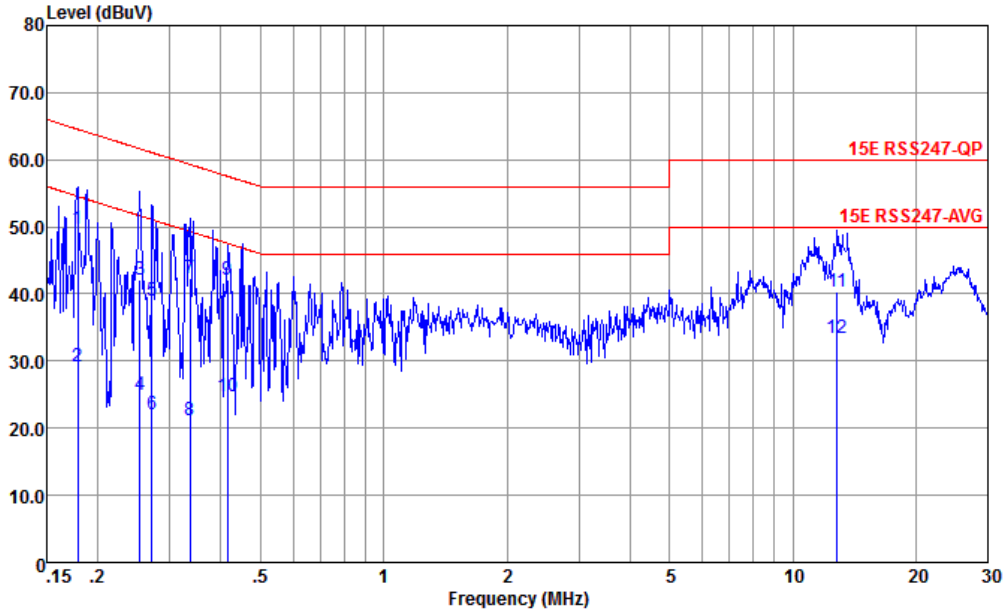
Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060103-L LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.188	47.92	-16.19	64.11	37.20	0.30	10.42	QP
2		0.188	29.22	-24.89	54.11	18.50	0.30	10.42	Average
3	*	0.199	50.94	-12.73	63.67	40.20	0.32	10.42	QP
4		0.199	30.34	-23.33	53.67	19.60	0.32	10.42	Average
5		0.274	42.84	-18.14	60.98	32.20	0.27	10.37	QP
6		0.274	24.84	-26.14	50.98	14.20	0.27	10.37	Average
7		0.387	36.19	-21.93	58.12	25.59	0.29	10.31	QP
8		0.387	21.09	-27.03	48.12	10.49	0.29	10.31	Average
9		0.459	37.11	-19.60	56.71	26.61	0.26	10.24	QP
10		0.459	22.71	-24.00	46.71	12.21	0.26	10.24	Average
11		13.127	37.10	-22.90	60.00	25.50	0.51	11.09	QP
12		13.127	31.50	-18.50	50.00	19.90	0.51	11.09	Average

Test Engineer :	Amos Zhang	**Temperature :**	25.3~26.2℃
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
Condition : 15E RSS247-QP LISN-060103-N NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	*	0.179	49.64	-14.91	64.55	38.91	0.31	10.42	QP
2		0.179	29.24	-25.31	54.55	18.51	0.31	10.42	Average
3		0.253	42.21	-19.43	61.64	31.50	0.33	10.38	QP
4		0.253	24.91	-26.73	51.64	14.20	0.33	10.38	Average
5		0.272	38.91	-22.16	61.07	28.20	0.34	10.37	QP
6		0.272	22.01	-29.06	51.07	11.30	0.34	10.37	Average
7		0.336	42.24	-17.07	59.31	31.60	0.31	10.33	QP
8		0.336	21.14	-28.17	49.31	10.50	0.31	10.33	Average
9		0.415	42.06	-15.49	57.55	31.50	0.28	10.28	QP
10		0.415	24.66	-22.89	47.55	14.10	0.28	10.28	Average
11		12.852	40.35	-19.65	60.00	28.80	0.49	11.06	QP
12		12.852	33.45	-16.55	50.00	21.90	0.49	11.06	Average

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)

Appendix C. Radiated Spurious Emission

U-NII-1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.16	56.17	-17.83	74	46.57	34.54	7.91	32.85	103	306	P	H
		5147.42	49.81	-4.19	54	40.21	34.54	7.91	32.85	103	306	A	H
	*	5180	105.34	-	-	95.77	34.53	7.93	32.89	103	306	P	H
	*	5180	99.03	-	-	89.46	34.53	7.93	32.89	103	306	A	H
		5148.2	58.16	-15.84	74	48.56	34.54	7.91	32.85	145	185	P	V
		5148.46	48.47	-5.53	54	38.87	34.54	7.91	32.85	145	185	A	V
	*	5180	104.4	-	-	94.83	34.53	7.93	32.89	145	185	P	V
	*	5180	98.03	-	-	88.46	34.53	7.93	32.89	145	185	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

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.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	49.17	-19.13	68.3	51.9	39.72	10.73	53.18	-	-	P	H
		15540	50.44	-23.56	74	50.37	41.74	12.72	54.39	-	-	P	H
		10360	49.43	-18.87	68.3	52.16	39.72	10.73	53.18	-	-	P	V
		15540	50.53	-23.47	74	50.46	41.74	12.72	54.39	-	-	P	V
802.11a CH 44 5220MHz		10440	48.45	-19.85	68.3	51.17	39.76	10.79	53.27	-	-	P	H
		15660	50.15	-23.85	74	50.12	41.86	12.72	54.55	-	-	P	H
		10440	48.44	-19.86	68.3	51.16	39.76	10.79	53.27	-	-	P	V
		15660	50.47	-23.53	74	50.44	41.86	12.72	54.55	-	-	P	V
802.11a CH 48 5240MHz		10480	48.24	-20.06	68.3	50.97	39.79	10.82	53.34	-	-	P	H
		15720	49.49	-24.51	74	49.49	41.92	12.72	54.64	-	-	P	H
		10480	47.77	-20.53	68.3	50.5	39.79	10.82	53.34	-	-	P	V
		15720	49.54	-24.46	74	49.54	41.92	12.72	54.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5145.86	58.21	-15.79	74	48.61	34.54	7.91	32.85	100	305	P	H
		5145.34	50.07	-3.93	54	40.47	34.54	7.91	32.85	100	305	A	H
802.11ax	*	5180	105.25	-	-	95.68	34.53	7.93	32.89	100	305	P	H
HE20 Full	*	5180	99.08	-	-	89.51	34.53	7.93	32.89	100	305	A	H
CH 36		5147.68	62.53	-11.47	74	52.93	34.54	7.91	32.85	145	185	P	V
5180MHz		5146.38	49.9	-4.1	54	40.3	34.54	7.91	32.85	145	185	A	V
	*	5180	106.16	-	-	96.59	34.53	7.93	32.89	145	185	P	V
	*	5180	101.02	-	-	91.45	34.53	7.93	32.89	145	185	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE20 Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		10360	48.26	-20.04	68.3	50.99	39.72	10.73	53.18	-	-	P	H
HE20 Full		15540	49.71	-24.29	74	49.64	41.74	12.72	54.39	-	-	P	H
CH 36		10360	49.23	-19.07	68.3	51.96	39.72	10.73	53.18	-	-	P	V
5180MHz		15540	50.16	-23.84	74	50.09	41.74	12.72	54.39	-	-	P	V
802.11ax		10440	47.83	-20.47	68.3	50.55	39.76	10.79	53.27	-	-	P	H
HE20 Full		15660	49.97	-24.03	74	49.94	41.86	12.72	54.55	-	-	P	H
CH 44		10440	48.42	-19.88	68.3	51.14	39.76	10.79	53.27	-	-	P	V
5220MHz		15660	51.07	-22.93	74	51.04	41.86	12.72	54.55	-	-	P	V
802.11ax		10480	47.95	-20.35	68.3	50.68	39.79	10.82	53.34	-	-	P	H
HE20 Full		15720	49.85	-24.15	74	49.85	41.92	12.72	54.64	-	-	P	H
CH 48		10480	48.49	-19.81	68.3	51.22	39.79	10.82	53.34	-	-	P	V
5240MHz		15720	50.58	-23.42	74	50.58	41.92	12.72	54.64	-	-	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5146.64	59.77	-14.23	74	50.17	34.54	7.91	32.85	254	243	P	H
		5147.16	50.22	-3.78	54	40.62	34.54	7.91	32.85	254	243	A	H
	*	5190	102.89	-	-	93.33	34.52	7.93	32.89	254	243	P	H
802.11ax	*	5190	97	-	-	87.44	34.52	7.93	32.89	254	243	A	H
HE40 Full		5425.56	48.47	-25.53	74	38.83	34.43	8.48	33.27	254	243	P	H
CH 38		5357.52	38.19	-15.81	54	28.54	34.46	8.38	33.19	254	243	A	H
5190MHz		5147.42	57.33	-16.67	74	47.73	34.54	7.91	32.85	100	267	P	V
		5147.68	48.88	-5.12	54	39.28	34.54	7.91	32.85	100	267	A	V
	*	5190	100.41	-	-	90.85	34.52	7.93	32.89	100	267	P	V
	*	5190	94.18	-	-	84.62	34.52	7.93	32.89	100	267	A	V

		5390.56	47.76	-26.24	74	38.07	34.44	8.48	33.23	100	267	P	V
		5391.12	38.05	-15.95	54	28.36	34.44	8.48	33.23	100	267	A	V
		5147.94	53.27	-20.73	74	43.67	34.54	7.91	32.85	254	244	P	H
		5147.16	43.89	-10.11	54	34.29	34.54	7.91	32.85	254	244	A	H
	*	5230	103.48	-	-	93.99	34.51	7.96	32.98	254	244	P	H
	*	5230	96.95	-	-	87.46	34.51	7.96	32.98	254	244	A	H
802.11ax		5390.64	47.85	-26.15	74	38.16	34.44	8.48	33.23	254	244	P	H
HE40 Full		5355.36	38.58	-15.42	54	28.93	34.46	8.38	33.19	254	244	A	H
CH 46		5148.46	51.96	-22.04	74	42.36	34.54	7.91	32.85	100	267	P	V
5230MHz		5147.16	43.02	-10.98	54	33.42	34.54	7.91	32.85	100	267	A	V
	*	5230	101.79	-	-	92.3	34.51	7.96	32.98	100	267	P	V
	*	5230	95.92	-	-	86.43	34.51	7.96	32.98	100	267	A	V
		5359.44	48.21	-25.79	74	38.56	34.46	8.38	33.19	100	267	P	V
		5355.36	38.21	-15.79	54	28.56	34.46	8.38	33.19	100	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 4+5	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		10380	47.97	-20.33	68.3	50.69	39.73	10.76	53.21	-	-	P	H
HE40 Full		15570	50.62	-23.38	74	50.57	41.77	12.72	54.44	-	-	P	H
CH 38		10380	48.59	-19.71	68.3	51.31	39.73	10.76	53.21	-	-	P	V
5190MHz		15570	50.01	-23.99	74	49.96	41.77	12.72	54.44	-	-	P	V
802.11ax		10460	47.94	-20.36	68.3	50.63	39.78	10.82	53.29	-	-	P	H
HE40 Full		15690	49.65	-24.35	74	49.64	41.89	12.72	54.6	-	-	P	H
CH 46		10460	48.88	-19.42	68.3	51.57	39.78	10.82	53.29	-	-	P	V
5230MHz		15690	49.76	-24.24	74	49.75	41.89	12.72	54.6	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant.	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)
4+5													
		5147.68	57.98	-16.02	74	48.38	34.54	7.91	32.85	266	243	P	H
		5146.38	50.94	-3.06	54	41.34	34.54	7.91	32.85	266	243	A	H
	*	5210	98.14	-	-	88.6	34.52	7.96	32.94	266	243	P	H
	*	5210	91.77	-	-	82.23	34.52	7.96	32.94	266	243	A	H
802.11ax		5351.28	48.31	-25.69	74	38.66	34.46	8.38	33.19	266	243	P	H
HE80 Full		5355.6	38.31	-15.69	54	28.66	34.46	8.38	33.19	266	243	A	H
CH 42		5144.82	56.44	-17.56	74	46.84	34.54	7.91	32.85	100	269	P	V
5210MHz		5146.38	49.35	-4.65	54	39.75	34.54	7.91	32.85	100	269	A	V
	*	5210	96.02	-	-	86.48	34.52	7.96	32.94	100	269	P	V
	*	5210	89.67	-	-	80.13	34.52	7.96	32.94	100	269	A	V
		5377.2	47.05	-26.95	74	37.45	34.45	8.38	33.23	100	269	P	V
		5385.84	38.09	-15.91	54	28.49	34.45	8.38	33.23	100	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant.	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)
4+5													
802.11ax		10420	48.05	-20.25	68.3	50.76	39.75	10.79	53.25	-	-	P	H
HE80 Full		15630	49.82	-24.18	74	49.8	41.83	12.72	54.53	-	-	P	H
CH 42		10420	48.34	-19.96	68.3	51.05	39.75	10.79	53.25	-	-	P	V
5210MHz		15630	50.61	-23.39	74	50.59	41.83	12.72	54.53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5250MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5146.38	58.93	-15.07	74	49.33	34.54	7.91	32.85	244	248	P	H
		5135.72	50.69	-3.31	54	41.04	34.55	7.91	32.81	244	248	P	H
	*	5250	95.38	-	-	85.84	34.5	8.06	33.02	244	248	A	H
	*	5250	88.78	-	-	79.24	34.5	8.06	33.02	244	248	P	H
802.11ax		5377.92	49.92	-24.08	74	40.32	34.45	8.38	33.23	244	248	A	H
HE160 Full		5354.64	41.62	-12.38	54	31.97	34.46	8.38	33.19	244	248	P	H
CH 50		5147.94	58.77	-15.23	74	49.17	34.54	7.91	32.85	100	267	P	V
5250MHz		5146.9	50.53	-3.47	54	40.93	34.54	7.91	32.85	100	267	P	V
	*	5250	92.87	-	-	83.33	34.5	8.06	33.02	100	267	A	V
	*	5250	86.78	-	-	77.24	34.5	8.06	33.02	100	267	P	V
		5357.76	49.61	-24.39	74	39.96	34.46	8.38	33.19	100	267	A	V
		5356.8	39.63	-14.37	54	29.98	34.46	8.38	33.19	100	267	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5250MHz

WIFI 802.11ax HE160 Full (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.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		10500	47.61	-20.69	68.3	50.33	39.8	10.84	53.36	-	-	P	H
HE160 Full		15750	50.43	-23.57	74	50.46	41.95	12.71	54.69	-	-	P	H
CH 50		10500	47.64	-20.66	68.3	50.36	39.8	10.84	53.36	-	-	P	V
5250MHz		15750	49.3	-24.7	74	49.33	41.95	12.71	54.69	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a	*	5320	104.82	-	-	95.19	34.47	8.27	33.11	106	305	P	H
CH 64	*	5320	99.09	-	-	89.46	34.47	8.27	33.11	106	305	A	H
5320MHz		5357.12	55.21	-18.79	74	45.56	34.46	8.38	33.19	106	305	P	H
		5351.36	46.69	-7.31	54	37.04	34.46	8.38	33.19	106	305	A	H
	*	5320	103.45	-	-	93.82	34.47	8.27	33.11	119	186	P	V
	*	5320	96.79	-	-	87.16	34.47	8.27	33.11	119	186	A	V
		5350.88	55.13	-18.87	74	45.48	34.46	8.38	33.19	119	186	P	V
		5351.52	45.83	-8.17	54	36.18	34.46	8.38	33.19	119	186	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10560	48.87	-19.43	68.3	51.67	39.76	10.87	53.43	-	-	P	H
		15840	49.89	-24.11	74	49.94	42.04	12.71	54.8	-	-	P	H
		10560	48.2	-20.1	68.3	51	39.76	10.87	53.43	-	-	P	V
		15840	50	-24	74	50.05	42.04	12.71	54.8	-	-	P	V
802.11a CH 60 5300MHz		10600	48.45	-25.55	74	51.3	39.74	10.9	53.49	-	-	P	H
		15900	49.2	-24.8	74	49.26	42.1	12.71	54.87	-	-	P	H
		10600	47.96	-26.04	74	50.81	39.74	10.9	53.49	-	-	P	V
		15900	48.84	-25.16	74	48.9	42.1	12.71	54.87	-	-	P	V
802.11a CH 64 5320MHz		10640	49.02	-24.98	74	51.91	39.72	10.93	53.54	-	-	P	H
		15960	49.33	-24.67	74	49.43	42.16	12.7	54.96	-	-	P	H
		10640	49.21	-24.79	74	52.1	39.72	10.93	53.54	-	-	P	V
		15960	49.76	-24.24	74	49.86	42.16	12.7	54.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 64 5320MHz	*	5320	105.37	-	-	95.74	34.47	8.27	33.11	105	303	P	H
	*	5320	99.1	-	-	89.47	34.47	8.27	33.11	105	303	A	H
		5353.76	56.97	-17.03	74	47.32	34.46	8.38	33.19	105	303	P	H
		5352.16	47.47	-6.53	54	37.82	34.46	8.38	33.19	105	303	A	H
	*	5320	105.32	-	-	95.69	34.47	8.27	33.11	120	188	P	V
	*	5320	99.09	-	-	89.46	34.47	8.27	33.11	120	188	A	V
		5355.68	55.31	-18.69	74	45.66	34.46	8.38	33.19	120	188	P	V
		5353.12	46.71	-7.29	54	37.06	34.46	8.38	33.19	120	188	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 4+5	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		10560	48.83	-19.47	68.3	51.63	39.76	10.87	53.43	-	-	P	H
HE20 Full		15840	49.94	-24.06	74	49.99	42.04	12.71	54.8	-	-	P	H
CH 52		10560	48.59	-19.71	68.3	51.39	39.76	10.87	53.43	-	-	P	V
5260MHz		15840	50.55	-23.45	74	50.6	42.04	12.71	54.8	-	-	P	V
802.11ax		10600	48.09	-25.91	74	50.94	39.74	10.9	53.49	-	-	P	H
HE20 Full		15900	49.25	-24.75	74	49.31	42.1	12.71	54.87	-	-	P	H
CH 60		10600	48.15	-25.85	74	51	39.74	10.9	53.49	-	-	P	V
5300MHz		15900	49.47	-24.53	74	49.53	42.1	12.71	54.87	-	-	P	V
802.11ax		10640	49.69	-24.31	74	52.58	39.72	10.93	53.54	-	-	P	H
HE20 Full		15960	49.3	-24.7	74	49.4	42.16	12.7	54.96	-	-	P	H
CH 64		10640	48.65	-25.35	74	51.54	39.72	10.93	53.54	-	-	P	V
5320MHz		15960	49.23	-24.77	74	49.33	42.16	12.7	54.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4+5		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
		5059.5	49.02	-24.98	74	39.26	34.58	7.86	32.68	259	241	P	H
		5136.85	40.07	-13.93	54	30.42	34.55	7.91	32.81	259	241	A	H
	*	5270	104.3	-	-	94.77	34.49	8.06	33.02	259	241	P	H
	*	5270	97.68	-	-	88.15	34.49	8.06	33.02	259	241	A	H
802.11ax		5355.12	50.14	-23.86	74	40.49	34.46	8.38	33.19	259	241	P	H
HE40 Full		5355.36	40.96	-13.04	54	31.31	34.46	8.38	33.19	259	241	A	H
CH 54		5035	49.01	-24.99	74	39.23	34.59	7.83	32.64	100	264	P	V
5270MHz		5147.35	39.76	-14.24	54	30.16	34.54	7.91	32.85	100	264	A	V
	*	5270	101.37	-	-	91.84	34.49	8.06	33.02	100	264	P	V
	*	5270	94.67	-	-	85.14	34.49	8.06	33.02	100	264	A	V
		5355.36	47.69	-26.31	74	38.04	34.46	8.38	33.19	100	264	P	V
		5355.12	39.89	-14.11	54	30.24	34.46	8.38	33.19	100	264	A	V
		5061.25	49.21	-24.79	74	39.45	34.58	7.86	32.68	252	243	P	H
		5049.7	39.62	-14.38	54	29.86	34.58	7.86	32.68	252	243	A	H
	*	5310	103.03	-	-	93.39	34.48	8.27	33.11	252	243	P	H
	*	5310	96.78	-	-	87.14	34.48	8.27	33.11	252	243	A	H
802.11ax		5354.64	58.11	-15.89	74	48.46	34.46	8.38	33.19	252	243	P	H
HE40 Full		5354.88	50.68	-3.32	54	41.03	34.46	8.38	33.19	252	243	A	H
CH 62		5080.85	48.24	-25.76	74	38.52	34.57	7.88	32.73	106	264	P	V
5310MHz		5047.6	39.58	-14.42	54	29.82	34.58	7.86	32.68	106	264	A	V
	*	5310	99.92	-	-	90.28	34.48	8.27	33.11	106	264	P	V
	*	5310	93.81	-	-	84.17	34.48	8.27	33.11	106	264	A	V
		5354.4	58.43	-15.57	74	48.78	34.46	8.38	33.19	106	264	P	V
		5356.08	47.9	-6.1	54	38.25	34.46	8.38	33.19	106	264	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		10540	47.94	-20.36	68.3	50.7	39.78	10.87	53.41	-	-	P	H
HE40 Full		15810	49.45	-24.55	74	49.48	42.01	12.71	54.75	-	-	P	H
CH 54		10540	48.63	-19.67	68.3	51.39	39.78	10.87	53.41	-	-	P	V
5270MHz		15810	49.55	-24.45	74	49.58	42.01	12.71	54.75	-	-	P	V
802.11ax		10620	47.98	-26.02	74	50.84	39.73	10.93	53.52	-	-	P	H
HE40 Full		15930	48.7	-25.3	74	48.78	42.13	12.7	54.91	-	-	P	H
CH 62		10620	48.3	-25.7	74	51.16	39.73	10.93	53.52	-	-	P	V
5310MHz		15930	49.24	-24.76	74	49.32	42.13	12.7	54.91	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5144.9	51.19	-22.81	74	41.59	34.54	7.91	32.85	252	245	P	H
		5146.3	42.48	-11.52	54	32.88	34.54	7.91	32.85	252	245	A	H
	*	5290	100.13	-	-	90.54	34.48	8.17	33.06	252	245	P	H
	*	5290	94.24	-	-	84.65	34.48	8.17	33.06	252	245	A	H
802.11ax		5355.84	59.87	-14.13	74	50.22	34.46	8.38	33.19	252	245	P	H
HE80 Full		5355.36	49.72	-4.28	54	40.07	34.46	8.38	33.19	252	245	A	H
CH 58		5106.05	48.99	-25.01	74	39.32	34.56	7.88	32.77	132	265	P	V
5290MHz		5148.4	41.19	-12.81	54	31.59	34.54	7.91	32.85	132	265	A	V
	*	5290	96.79	-	-	87.2	34.48	8.17	33.06	132	265	P	V
	*	5290	90.85	-	-	81.26	34.48	8.17	33.06	132	265	A	V
		5356.56	55.38	-18.62	74	45.73	34.46	8.38	33.19	132	265	P	V
		5357.28	46.34	-7.66	54	36.69	34.46	8.38	33.19	132	265	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+5	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 HE80 Full CH 58 5290MHz		10580	48.87	-19.43	68.3	51.69	39.75	10.9	53.47	-	-	P	H
		15870	49.95	-24.05	74	50.01	42.07	12.71	54.84	-	-	P	H
		10580	49	-19.3	68.3	51.82	39.75	10.9	53.47	-	-	P	V
		15870	51.14	-22.86	74	51.2	42.07	12.71	54.84	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5356.88	48.28	-25.72	74	38.63	34.46	8.38	33.19	100	300	P	H
		5469.52	54.52	-13.78	68.3	45.09	34.41	8.38	33.36	100	300	P	H
		5459.99	38.63	-15.37	54	29.14	34.42	8.43	33.36	100	300	A	H
	*	5500	104.84	-	-	95.46	34.4	8.38	33.4	100	300	P	H
	*	5500	98.52	-	-	89.14	34.4	8.38	33.4	100	300	A	H
		5458.48	48.28	-25.72	74	38.79	34.42	8.43	33.36	137	188	P	V
		5467.28	50.17	-18.13	68.3	40.74	34.41	8.38	33.36	137	188	P	V
		5426.96	38.41	-15.59	54	28.82	34.43	8.43	33.27	137	188	A	V
	*	5500	104.2	-	-	94.82	34.4	8.38	33.4	137	188	P	V
	*	5500	98.53	-	-	89.15	34.4	8.38	33.4	137	188	A	V
802.11a CH 140 5700MHz	*	5700	105.4	-	-	95.27	34.84	8.65	33.36	100	300	P	H
	*	5700	99.59	-	-	89.46	34.84	8.65	33.36	100	300	A	H
		5725.4	59.48	-8.82	68.3	49.28	34.9	8.65	33.35	100	300	P	H
	*	5700	102.53	-	-	92.4	34.84	8.65	33.36	138	192	P	V
	*	5700	96.6	-	-	86.47	34.84	8.65	33.36	138	192	A	V
		5726.2	56.41	-11.89	68.3	46.21	34.9	8.65	33.35	138	192	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	48.16	-25.84	74	51.46	39.5	11.2	54	-	-	P	H
		16500	52.24	-16.06	68.3	50.42	42.5	12.9	53.58	-	-	P	H
		11000	48.24	-25.76	74	51.54	39.5	11.2	54	-	-	P	V
		16500	51.94	-16.36	68.3	50.12	42.5	12.9	53.58	-	-	P	V
802.11a CH 116 5580MHz		11160	48.09	-25.91	74	51.22	39.47	11.3	53.9	-	-	P	H
		16740	50.39	-17.91	68.3	47.83	42.45	13.02	52.91	-	-	P	H
		11160	47.52	-26.48	74	50.65	39.47	11.3	53.9	-	-	P	V
		16740	51.31	-16.99	68.3	48.75	42.45	13.02	52.91	-	-	P	V
802.11a CH 140 5700MHz		11400	47.98	-26.02	74	50.91	39.42	11.41	53.76	-	-	P	H
		17100	52.05	-16.25	68.3	48.79	42.38	13.15	52.27	-	-	P	H
		11400	47.65	-26.35	74	50.58	39.42	11.41	53.76	-	-	P	V
		17100	50.9	-17.4	68.3	47.64	42.38	13.15	52.27	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 100 5500MHz		5459.44	49.25	-24.75	74	39.76	34.42	8.43	33.36	100	301	P	H
		5469.2	57.38	-10.92	68.3	47.95	34.41	8.38	33.36	100	301	P	H
		5460	39.78	-14.22	54	30.29	34.42	8.43	33.36	100	301	A	H
	*	5500	105.65	-	-	96.27	34.4	8.38	33.4	100	301	P	H
	*	5500	99.84	-	-	90.46	34.4	8.38	33.4	100	301	A	H
		5426.64	48.82	-25.18	74	39.23	34.43	8.43	33.27	126	187	P	V
		5469.68	52.36	-15.94	68.3	42.93	34.41	8.38	33.36	126	187	P	V
		5460	38.67	-15.33	54	29.18	34.42	8.43	33.36	126	187	A	V
	*	5500	104.41	-	-	95.03	34.4	8.38	33.4	126	187	P	V
	*	5500	98.84	-	-	89.46	34.4	8.38	33.4	126	187	A	V

	*	5700	104.32	-	-	94.19	34.84	8.65	33.36	100	299	P	H
802.11ax	*	5700	98.58	-	-	88.45	34.84	8.65	33.36	100	299	A	H
HE20 Full		5727.08	55.64	-12.66	68.3	45.44	34.9	8.65	33.35	100	299	P	H
CH 140	*	5700	101.86	-	-	91.73	34.84	8.65	33.36	149	195	P	V
5700MHz	*	5700	95.26	-	-	85.13	34.84	8.65	33.36	149	195	A	V
		5725.96	55.4	-12.9	68.3	45.2	34.9	8.65	33.35	149	195	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE20 (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11000	47.26	-26.74	74	50.56	39.5	11.2	54	-	-	P	H
HE20 Full		16500	51.29	-17.01	68.3	49.47	42.5	12.9	53.58	-	-	P	H
CH 100		11000	48.62	-25.38	74	51.92	39.5	11.2	54	-	-	P	V
5500MHz		16500	52.93	-15.37	68.3	51.11	42.5	12.9	53.58	-	-	P	V
802.11ax		11160	48.27	-25.73	74	51.4	39.47	11.3	53.9	-	-	P	H
HE20 Full		16740	51.08	-17.22	68.3	48.52	42.45	13.02	52.91	-	-	P	H
CH 116		11160	48.38	-25.62	74	51.51	39.47	11.3	53.9	-	-	P	V
5580MHz		16740	50.93	-17.37	68.3	48.37	42.45	13.02	52.91	-	-	P	V
802.11ax		11400	47.48	-26.52	74	50.41	39.42	11.41	53.76	-	-	P	H
HE20 Full		17100	51	-17.3	68.3	47.74	42.38	13.15	52.27	-	-	P	H
CH 140		11400	47.97	-26.03	74	50.9	39.42	11.41	53.76	-	-	P	V
5700MHz		17100	52.82	-15.48	68.3	49.56	42.38	13.15	52.27	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5455.6	53.79	-20.21	74	44.3	34.42	8.43	33.36	255	240	P	H
		5465.2	61.91	-6.39	68.3	52.43	34.41	8.43	33.36	255	240	P	H
		5455.6	44.8	-9.2	54	35.31	34.42	8.43	33.36	255	240	A	H
	*	5510	104.26	-	-	94.92	34.42	8.32	33.4	255	240	P	H
802.11ax	*	5510	97.77	-	-	88.43	34.42	8.32	33.4	255	240	A	H
HE40 Full		5729.09	48.44	-19.86	68.3	38.24	34.9	8.65	33.35	255	240	P	H
CH 102		5456.56	50.12	-23.88	74	40.63	34.42	8.43	33.36	131	262	P	V
5510MHz		5468.08	57.62	-10.68	68.3	48.19	34.41	8.38	33.36	131	262	P	V
		5457.52	42.78	-11.22	54	33.29	34.42	8.43	33.36	131	262	A	V
	*	5510	99.32	-	-	89.98	34.42	8.32	33.4	131	262	P	V
	*	5510	92.51	-	-	83.17	34.42	8.32	33.4	131	262	A	V
		5757.125	48.14	-20.16	68.3	37.72	34.97	8.8	33.35	131	262	P	V
		5421.04	48.44	-25.56	74	38.8	34.43	8.48	33.27	253	243	P	H
		5461.84	47.94	-20.36	68.3	38.45	34.42	8.43	33.36	253	243	P	H
		5428.24	38.82	-15.18	54	29.28	34.43	8.43	33.32	253	243	A	H
	*	5550	103.15	-	-	93.76	34.51	8.27	33.39	253	243	P	H
802.11ax	*	5550	96.63	-	-	87.24	34.51	8.27	33.39	253	243	A	H
HE40 Full		5737.28	48.13	-20.17	68.3	37.91	34.92	8.65	33.35	253	243	P	H
CH 110		5457.52	48.66	-25.34	74	39.17	34.42	8.43	33.36	100	264	P	V
5550MHz		5463.04	47.19	-21.11	68.3	37.71	34.41	8.43	33.36	100	264	P	V
		5424.64	38.15	-15.85	54	28.51	34.43	8.48	33.27	100	264	A	V
	*	5550	99.77	-	-	90.38	34.51	8.27	33.39	100	264	P	V
	*	5550	93.53	-	-	84.14	34.51	8.27	33.39	100	264	A	V
		5738.54	49.27	-19.03	68.3	38.9	34.92	8.8	33.35	100	264	P	V

		5411.6	47.38	-26.62	74	37.73	34.44	8.48	33.27	254	245	P	H
		5469.35	46.19	-22.11	68.3	36.76	34.41	8.38	33.36	254	245	P	H
		5388.15	38.15	-15.85	54	28.46	34.44	8.48	33.23	254	245	A	H
	*	5670	101.78	-	-	91.87	34.77	8.51	33.37	254	245	P	H
802.11ax	*	5670	95.06	-	-	85.15	34.77	8.51	33.37	254	245	A	H
HE40 Full		5727.025	51.57	-16.73	68.3	41.37	34.9	8.65	33.35	254	245	P	H
CH 134		5428.05	48.23	-25.77	74	38.69	34.43	8.43	33.32	100	273	P	V
5670MHz		5467.25	47.08	-21.22	68.3	37.65	34.41	8.38	33.36	100	273	P	V
		5390.95	38.03	-15.97	54	28.34	34.44	8.48	33.23	100	273	A	V
	*	5670	100.24	-	-	90.33	34.77	8.51	33.37	100	273	P	V
	*	5670	94.05	-	-	84.14	34.77	8.51	33.37	100	273	A	V
		5725.45	50.14	-18.16	68.3	39.94	34.9	8.65	33.35	100	273	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE40 Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11020	47.57	-26.43	74	50.84	39.5	11.22	53.99	-	-	P	H
HE40 Full		16530	50.17	-18.13	68.3	48.24	42.49	12.92	53.48	-	-	P	H
CH 102		11020	48.19	-25.81	74	51.46	39.5	11.22	53.99	-	-	P	V
5510MHz		16530	49.4	-18.9	68.3	47.47	42.49	12.92	53.48	-	-	P	V
802.11ax		11100	47.86	-26.14	74	51.06	39.48	11.26	53.94	-	-	P	H
HE40 Full		16650	49.96	-18.34	68.3	47.67	42.47	12.97	53.15	-	-	P	H
CH 110		11100	48.25	-25.75	74	51.45	39.48	11.26	53.94	-	-	P	V
5550MHz		16650	50.84	-17.46	68.3	48.55	42.47	12.97	53.15	-	-	P	V
802.11ax		11340	47.47	-26.53	74	50.47	39.43	11.37	53.8	-	-	P	H
HE40 Full		17010	51.97	-16.33	68.3	48.65	42.4	13.13	52.21	-	-	P	H
CH 134		11340	46.45	-27.55	74	49.45	39.43	11.37	53.8	-	-	P	V
5670MHz		17010	51.45	-16.85	68.3	48.13	42.4	13.13	52.21	-	-	P	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 4+5	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)
		5454.4	58.94	-15.06	74	49.45	34.42	8.43	33.36	243	244	P	H
		5467.36	61.06	-7.24	68.3	51.63	34.41	8.38	33.36	243	244	P	H
		5454.64	49.12	-4.88	54	39.63	34.42	8.43	33.36	243	244	A	H
	*	5530	99.62	-	-	90.23	34.47	8.32	33.4	243	244	P	H
802.11ax	*	5530	94.03	-	-	84.64	34.47	8.32	33.4	243	244	A	H
HE80 Full		5739.17	49.27	-19.03	68.3	38.89	34.93	8.8	33.35	243	244	P	H
CH 106		5456.32	55.67	-18.33	74	46.18	34.42	8.43	33.36	120	276	P	V
5530MHz		5466.4	57.5	-10.8	68.3	48.07	34.41	8.38	33.36	120	276	P	V
		5455.84	45.92	-8.08	54	36.43	34.42	8.43	33.36	120	276	A	V
	*	5530	96.64	-	-	87.25	34.47	8.32	33.4	120	276	P	V
	*	5530	90.66	-	-	81.27	34.47	8.32	33.4	120	276	A	V
		5742.005	48.55	-19.75	68.3	38.17	34.93	8.8	33.35	120	276	P	V
		5362.72	47.66	-26.34	74	38.02	34.45	8.38	33.19	261	242	P	H
		5462.32	47.39	-20.91	68.3	37.9	34.42	8.43	33.36	261	242	P	H
		5456.32	38.41	-15.59	54	28.92	34.42	8.43	33.36	261	242	A	H
	*	5610	100.32	-	-	90.84	34.64	8.22	33.38	261	242	P	H
802.11ax	*	5610	93.72	-	-	84.24	34.64	8.22	33.38	261	242	A	H
HE80 Full		5762.55	48.85	-19.45	68.3	38.42	34.98	8.8	33.35	261	242	P	H
CH 122		5393.2	48.5	-25.5	74	38.81	34.44	8.48	33.23	113	264	P	V
5610MHz		5466.4	47.3	-21	68.3	37.87	34.41	8.38	33.36	113	264	P	V
		5389.84	38.1	-15.9	54	28.41	34.44	8.48	33.23	113	264	A	V
	*	5610	97.72	-	-	88.24	34.64	8.22	33.38	113	264	P	V
	*	5610	91.72	-	-	82.24	34.64	8.22	33.38	113	264	A	V
		5728.425	49.46	-18.84	68.3	39.26	34.9	8.65	33.35	113	264	P	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 4+5	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 HE80 Full CH 106 5530MHz		11060	47.38	-26.62	74	50.61	39.49	11.24	53.96	-	-	P	H
		16590	51.9	-16.4	68.3	49.81	42.48	12.95	53.34	-	-	P	H
		11060	48.19	-25.81	74	51.42	39.49	11.24	53.96	-	-	P	V
		16590	51.51	-16.79	68.3	49.42	42.48	12.95	53.34	-	-	P	V
802.11ax HE80 Full CH 122 5610MHz		11220	49.32	-24.68	74	52.41	39.46	11.32	53.87	-	-	P	H
		16830	50.37	-17.93	68.3	47.56	42.43	13.05	52.67	-	-	P	H
		11220	47.92	-26.08	74	51.01	39.46	11.32	53.87	-	-	P	V
		16830	51.5	-16.8	68.3	48.69	42.43	13.05	52.67	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5570MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5459.92	53.2	-20.8	74	43.71	34.42	8.43	33.36	100	301	P	H
		5461.36	54.09	-14.21	68.3	44.6	34.42	8.43	33.36	100	301	P	H
		5459.92	44.66	-9.34	54	35.17	34.42	8.43	33.36	100	301	A	H
	*	5570	93.37	-	-	83.94	34.55	8.27	33.39	100	301	P	H
802.11ax	*	5570	86.59	-	-	77.16	34.55	8.27	33.39	100	301	A	H
HE160 Full		5741.375	51.56	-16.74	68.3	41.18	34.93	8.8	33.35	100	301	P	H
CH 114		5458	54.37	-19.63	74	44.88	34.42	8.43	33.36	200	264	P	V
5570MHz		5468.08	53.59	-14.71	68.3	44.16	34.41	8.38	33.36	200	264	P	V
		5458	44.87	-9.13	54	35.38	34.42	8.43	33.36	200	264	A	V
	*	5570	92.07	-	-	82.64	34.55	8.27	33.39	200	264	P	V
	*	5570	85.89	-	-	76.46	34.55	8.27	33.39	200	264	A	V
		5728.145	52.25	-16.05	68.3	42.05	34.9	8.65	33.35	200	264	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5570MHz

WIFI 802.11ax HE160 Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11140	49.1	-24.9	74	52.27	39.47	11.28	53.92	-	-	P	H
HE160 Full		16710	51.69	-16.61	68.3	49.24	42.46	13	53.01	-	-	P	H
CH 114		11140	49.14	-24.86	74	52.31	39.47	11.28	53.92	-	-	P	V
5570MHz		16710	51.37	-16.93	68.3	48.92	42.46	13	53.01	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE80 Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		30.317	29.1	-10.9	40	45.04	17.56	1.21	34.71	-	-	P	H
HE80 Full		148.441	22.17	-21.33	43.5	35.73	18.82	2.32	34.7	-	-	P	H
LF		219.845	27.96	-18.04	46	43.17	16.63	2.86	34.7	-	-	P	H
		304.61	29.72	-16.28	46	41.86	19.23	3.23	34.6	-	-	P	H
		354.183	32.34	-13.66	46	43.19	20.31	3.43	34.59	-	-	P	H
		763.376	30.07	-15.93	46	32.87	27.66	3.91	34.37	-	-	P	H
		30.424	25.95	-14.05	40	41.89	17.56	1.21	34.71	-	-	P	V
		85.598	21.67	-18.33	40	40.14	14.34	1.95	34.76	-	-	P	V
		170.195	27.16	-16.34	43.5	41.67	17.75	2.44	34.7	-	-	P	V
		195.137	27.61	-15.89	43.5	43.34	16.28	2.69	34.7	-	-	P	V
		280.024	27.53	-18.47	46	40.53	18.51	3.13	34.64	-	-	P	V
		354.183	28.09	-17.91	46	38.94	20.31	3.43	34.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

U-NII-1 - 5150~5250MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5127.4	48.85	-25.15	74	39.2	34.55	7.91	32.81	125	17	P	H
		5049.14	39.43	-14.57	54	29.67	34.58	7.86	32.68	125	17	A	H
	*	5180	103.83	-	-	94.26	34.53	7.93	32.89	125	17	P	H
	*	5180	97.8	-	-	88.23	34.53	7.93	32.89	125	17	A	H
		5078	49.24	-24.76	74	39.52	34.57	7.88	32.73	100	267	P	V
		5017.94	39.42	-14.58	54	29.64	34.59	7.83	32.64	100	267	A	V
	*	5180	103.22	-	-	93.65	34.53	7.93	32.89	100	267	P	V
	*	5180	97	-	-	87.43	34.53	7.93	32.89	100	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5069.42	50.89	-23.11	74	41.19	34.57	7.86	32.73	124	17	P	H
		5018.72	39.47	-14.53	54	29.69	34.59	7.83	32.64	124	17	A	H
	*	5180	103.65	-	-	94.08	34.53	7.93	32.89	124	17	P	H
	*	5180	97.73	-	-	88.16	34.53	7.93	32.89	124	17	A	H
		5060.84	50.57	-23.43	74	40.81	34.58	7.86	32.68	100	280	P	V
	*	5020.28	39.5	-14.5	54	29.72	34.59	7.83	32.64	100	280	A	V
	*	5180	104.26	-	-	94.69	34.53	7.93	32.89	100	280	P	V
		5180	98.03	-	-	88.46	34.53	7.93	32.89	100	280	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5022.36	50.09	-23.91	74	40.31	34.59	7.83	32.64	126	18	P	H
802.11ax		5050.18	39.47	-14.53	54	29.71	34.58	7.86	32.68	126	18	A	H
HE20	*	5180	104.21	-	-	94.64	34.53	7.93	32.89	126	18	P	H
Partial	*	5180	97.73	-	-	88.16	34.53	7.93	32.89	126	18	A	H
106/53		5038.48	50.31	-23.69	74	40.55	34.58	7.86	32.68	109	196	P	V
CH 36		5048.62	39.46	-14.54	54	29.7	34.58	7.86	32.68	109	196	A	V
5180MHz	*	5180	102.93	-	-	93.36	34.53	7.93	32.89	109	196	P	V
	*	5180	96.72	-	-	87.15	34.53	7.93	32.89	109	196	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A - 5250~5350MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4+5		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ax HE20 Partial 26/8 CH 64 5230MHz	*	5320	99.27	-	-	89.64	34.47	8.27	33.11	122	16	P	H
	*	5320	93.09	-	-	83.46	34.47	8.27	33.11	122	16	A	H
		5390.72	46.96	-27.04	74	37.27	34.44	8.48	33.23	122	16	P	H
		5390.08	37.67	-16.33	54	27.98	34.44	8.48	33.23	122	16	A	H
	*	5320	99.78	-	-	90.15	34.47	8.27	33.11	106	200	P	V
	*	5320	93.77	-	-	84.14	34.47	8.27	33.11	106	200	A	V
		5430.08	48.17	-25.83	74	38.63	34.43	8.43	33.32	106	200	P	V
		5387.2	37.69	-16.31	54	28.09	34.45	8.38	33.23	106	200	A	V

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5320	100.07	-	-	90.44	34.47	8.27	33.11	123	16	P	H
802.11ax	*	5320	93.89	-	-	84.26	34.47	8.27	33.11	123	16	A	H
HE20		5429.92	48.28	-25.72	74	38.74	34.43	8.43	33.32	123	16	P	H
Partial		5388.16	37.74	-16.26	54	28.05	34.44	8.48	33.23	123	16	A	H
52/40	*	5320	101.9	-	-	92.27	34.47	8.27	33.11	108	199	P	V
CH 64	*	5320	96.1	-	-	86.47	34.47	8.27	33.11	108	199	A	V
5320MHz		5377.28	48.56	-25.44	74	38.96	34.45	8.38	33.23	108	199	P	V
		5387.84	37.79	-16.21	54	28.1	34.44	8.48	33.23	108	199	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2A 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5320	101.88	-	-	92.25	34.47	8.27	33.11	122	17	P	H
802.11ax	*	5320	95.8	-	-	86.17	34.47	8.27	33.11	122	17	A	H
HE20		5351.52	61.36	-12.64	74	51.71	34.46	8.38	33.19	122	17	P	H
Partial		5350.56	40.55	-13.45	54	30.9	34.46	8.38	33.19	122	17	A	H
106/54	*	5320	103.38	-	-	93.75	34.47	8.27	33.11	109	199	P	V
CH 64	*	5320	96.8	-	-	87.17	34.47	8.27	33.11	109	199	A	V
5320MHz		5351.68	63.6	-10.4	74	53.95	34.46	8.38	33.19	109	199	P	V
		5354.72	38.69	-15.31	54	29.04	34.46	8.38	33.19	109	199	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4+5		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5410.96	47.51	-26.49	74	37.86	34.44	8.48	33.27	100	121	P	H
		5467.6	46.47	-21.83	68.3	37.04	34.41	8.38	33.36	100	121	P	H
		5387.28	37.64	-16.36	54	28.04	34.45	8.38	33.23	100	121	A	H
	*	5500	98.45	-	-	89.07	34.4	8.38	33.4	100	121	P	H
	*	5500	92.83	-	-	83.45	34.4	8.38	33.4	100	121	A	H
		5415.28	48.22	-25.78	74	38.58	34.43	8.48	33.27	100	199	P	V
		5462.8	46.38	-21.92	68.3	36.9	34.41	8.43	33.36	100	199	P	V
		5388.72	37.65	-16.35	54	27.96	34.44	8.48	33.23	100	199	A	V
	*	5500	98.84	-	-	89.46	34.4	8.38	33.4	100	199	P	V
	*	5500	92.84	-	-	83.46	34.4	8.38	33.4	100	199	A	V
802.11ax HE20 Partial 26/8 CH 140 5700MHz	*	5700	99.5	-	-	89.37	34.84	8.65	33.36	100	121	P	H
	*	5700	93.59	-	-	83.46	34.84	8.65	33.36	100	121	A	H
		5745.32	50.26	-18.04	68.3	39.87	34.94	8.8	33.35	100	121	P	H
	*	5700	100.01	-	-	89.88	34.84	8.65	33.36	100	208	P	V
	*	5700	93.6	-	-	83.47	34.84	8.65	33.36	100	208	A	V
		5745.8	49.87	-18.43	68.3	39.48	34.94	8.8	33.35	100	208	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5389.04	49.03	-24.97	74	39.34	34.44	8.48	33.23	126	23	P	H
		5464.24	48.1	-20.2	68.3	38.62	34.41	8.43	33.36	126	23	P	H
802.11ax		5388.4	37.67	-16.33	54	27.98	34.44	8.48	33.23	126	23	A	H
HE20	*	5500	99.16	-	-	89.78	34.4	8.38	33.4	126	23	P	H
Partial	*	5500	92.54	-	-	83.16	34.4	8.38	33.4	126	23	A	H
52/37		5357.68	48.2	-25.8	74	38.55	34.46	8.38	33.19	100	199	P	V
CH 100		5460.56	47.45	-20.85	68.3	37.96	34.42	8.43	33.36	100	199	P	V
5500MHz		5390.48	37.71	-16.29	54	28.02	34.44	8.48	33.23	100	199	A	V
	*	5500	99.37	-	-	89.99	34.4	8.38	33.4	100	199	P	V
	*	5500	92.52	-	-	83.14	34.4	8.38	33.4	100	199	A	V
802.11ax	*	5700	98.45	-	-	88.32	34.84	8.65	33.36	103	17	P	H
HE20	*	5700	92.75	-	-	82.62	34.84	8.65	33.36	103	17	A	H
Partial		5727.16	50.46	-17.84	68.3	40.26	34.9	8.65	33.35	103	17	P	H
52/40	*	5700	101.31	-	-	91.18	34.84	8.65	33.36	136	202	P	V
CH 140	*	5700	95.45	-	-	85.32	34.84	8.65	33.36	136	202	A	V
5700MHz		5729.96	51.36	-16.94	68.3	41.15	34.91	8.65	33.35	136	202	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5457.84	48.37	-25.63	74	38.88	34.42	8.43	33.36	104	18	P	H
		5470	50.99	-17.31	68.3	41.56	34.41	8.38	33.36	104	18	P	H
802.11ax		5387.28	37.7	-16.3	54	28.1	34.45	8.38	33.23	104	18	A	H
HE20	*	5500	97.24	-	-	87.86	34.4	8.38	33.4	104	18	P	H
Partial	*	5500	90.84	-	-	81.46	34.4	8.38	33.4	104	18	A	H
106/53		5457.52	49.16	-24.84	74	39.67	34.42	8.43	33.36	104	201	P	V
CH 100		5469.68	51.89	-16.41	68.3	42.46	34.41	8.38	33.36	104	201	P	V
5500MHz		5390.16	37.71	-16.29	54	28.02	34.44	8.48	33.23	104	201	A	V
	*	5500	100.37	-	-	90.99	34.4	8.38	33.4	104	201	P	V
	*	5500	93.86	-	-	84.48	34.4	8.38	33.4	104	201	A	V
802.11ax	*	5700	98.81	-	-	88.68	34.84	8.65	33.36	100	17	P	H
HE20	*	5700	92.6	-	-	82.47	34.84	8.65	33.36	100	17	A	H
Partial		5725.32	54.83	-13.47	68.3	44.63	34.9	8.65	33.35	100	17	P	H
106/54	*	5700	102.07	-	-	91.94	34.84	8.65	33.36	139	202	P	V
CH 140	*	5700	95.29	-	-	85.16	34.84	8.65	33.36	139	202	A	V
5700MHz		5726.2	57.71	-10.59	68.3	47.51	34.9	8.65	33.35	139	202	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

U-NII-3 - 5725~5850MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 149 5745MHz		5611.8	51.75	-16.55	68.3	37.38	34.87	10.05	30.55	100	114	P	H
		5675.8	51.93	-35.45	87.38	37.43	34.98	10.09	30.57	100	114	P	H
		5719.2	50.39	-60.19	110.58	35.8	35.06	10.12	30.59	100	114	P	H
		5725	53.61	-68.59	122.2	39.02	35.06	10.12	30.59	100	114	P	H
	*	5745	104.44	-	-	89.81	35.09	10.14	30.6	100	114	P	H
	*	5745	97.17	-	-	82.54	35.09	10.14	30.6	100	114	A	H
		5613	51.36	-16.94	68.3	36.99	34.87	10.05	30.55	100	89	P	V
		5697	50.43	-52.57	103	35.92	35	10.09	30.58	100	89	P	V
		5718.8	50.17	-60.29	110.46	35.58	35.06	10.12	30.59	100	89	P	V
		5723.6	51.52	-67.49	119.01	36.93	35.06	10.12	30.59	100	89	P	V
	*	5745	100.56	-	-	85.93	35.09	10.14	30.6	100	89	P	V
	*	5745	93.62	-	-	78.99	35.09	10.14	30.6	100	89	A	V

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 165 5825MHz	*	5825	104.74	-	-	89.96	35.22	10.19	30.63	100	115	P	H
	*	5825	97.35	-	-	82.57	35.22	10.19	30.63	100	115	A	H
		5850.4	51.86	-69.43	121.29	37.06	35.25	10.19	30.64	100	115	P	H
		5855.6	52.12	-58.51	110.63	37.27	35.28	10.21	30.64	100	115	P	H
		5899.6	51.87	-35.09	86.96	36.96	35.33	10.24	30.66	100	115	P	H
		5932	52.1	-16.2	68.3	37.14	35.39	10.24	30.67	100	115	P	H
	*	5825	100.8	-	-	86.02	35.22	10.19	30.63	100	84	P	V
	*	5825	94.01	-	-	79.23	35.22	10.19	30.63	100	84	A	V
		5852.6	50.89	-65.38	116.27	36.09	35.25	10.19	30.64	100	84	P	V
		5861.8	51.2	-57.69	108.89	36.35	35.28	10.21	30.64	100	84	P	V
		5918	51.75	-21.61	73.36	36.81	35.36	10.24	30.66	100	84	P	V
		5937.4	51.66	-16.64	68.3	36.68	35.39	10.26	30.67	100	84	P	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

U-NII-3 5725~5850MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 4+5	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 149 5745MHz		11490	49.16	-24.84	74	54.79	38.58	13.7	57.91	-	-	P	H
		17235	50.43	-17.87	68.3	49.44	41.29	16.53	56.83	-	-	P	H
		11490	49.14	-24.86	74	54.77	38.58	13.7	57.91	-	-	P	V
		17235	50.45	-17.85	68.3	49.46	41.29	16.53	56.83	-	-	P	V
802.11a CH 157 5785MHz		11570	48.74	-25.26	74	54.27	38.68	13.7	57.91	-	-	P	H
		17355	50.31	-17.99	68.3	49.42	41.34	16.5	56.95	-	-	P	H
		11570	49.51	-24.49	74	55.04	38.68	13.7	57.91	-	-	P	V
		17355	50.85	-17.45	68.3	49.96	41.34	16.5	56.95	-	-	P	V
802.11a CH 165 5825MHz		11590	49.13	-24.87	74	54.66	38.7	13.69	57.92	-	-	P	H
		17385	50.25	-18.05	68.3	49.38	41.36	16.49	56.98	-	-	P	H
		11590	49.37	-24.63	74	54.9	38.7	13.69	57.92	-	-	P	V
		17385	50.38	-17.92	68.3	49.51	41.36	16.49	56.98	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4+5		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
		5600.4	50.29	-18.01	68.3	35.91	34.87	10.05	30.54	100	117	P	H
		5663.8	50.78	-27.74	78.52	36.31	34.95	10.09	30.57	100	117	P	H
		5718.6	50.62	-59.79	110.41	36.03	35.06	10.12	30.59	100	117	P	H
		5724.8	56.43	-65.31	121.74	41.84	35.06	10.12	30.59	100	117	P	H
802.11ax	*	5745	104.28	-	-	89.65	35.09	10.14	30.6	100	117	P	H
HE20	*	5745	97.25	-	-	82.62	35.09	10.14	30.6	100	117	A	H
CH 149		5609	51	-17.3	68.3	36.62	34.87	10.05	30.54	100	81	P	V
5745MHz		5694.6	50.79	-50.44	101.23	36.28	35	10.09	30.58	100	81	P	V
		5703.4	51.63	-54.52	106.15	37.06	35.03	10.12	30.58	100	81	P	V
		5723.6	53.17	-65.84	119.01	38.58	35.06	10.12	30.59	100	81	P	V
	*	5745	100.8	-	-	86.17	35.09	10.14	30.6	100	81	P	V
	*	5745	94.2	-	-	79.57	35.09	10.14	30.6	100	81	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5825	104.66	-	-	89.88	35.22	10.19	30.63	100	114	P	H
	*	5825	97.41	-	-	82.63	35.22	10.19	30.63	100	114	A	H
		5851	51.17	-68.75	119.92	36.37	35.25	10.19	30.64	100	114	P	H
		5858.8	51.7	-58.03	109.73	36.85	35.28	10.21	30.64	100	114	P	H
802.11ax		5882.6	52.34	-47.22	99.56	37.47	35.31	10.21	30.65	100	114	P	H
HE20		5948.4	53.28	-15.02	68.3	38.28	35.42	10.26	30.68	100	114	P	H
CH 165	*	5825	100.26	-	-	85.48	35.22	10.19	30.63	100	83	P	V
5825MHz	*	5825	93.26	-	-	78.48	35.22	10.19	30.63	100	83	A	V
		5851	51.09	-68.83	119.92	36.29	35.25	10.19	30.64	100	83	P	V
		5870.2	52.92	-53.62	106.54	38.08	35.28	10.21	30.65	100	83	P	V
		5880.6	52	-49.04	101.04	37.13	35.31	10.21	30.65	100	83	P	V
		5938.8	52.03	-16.27	68.3	37.02	35.42	10.26	30.67	100	83	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE20_Partial 26 (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11490	48.77	-25.23	74	54.4	38.58	13.7	57.91	-	-	P	H
HE20		17235	50.63	-17.67	68.3	49.64	41.29	16.53	56.83	-	-	P	H
CH 149		11490	48.55	-25.45	74	54.18	38.58	13.7	57.91	-	-	P	V
5745MHz		17235	50.74	-17.56	68.3	49.75	41.29	16.53	56.83	-	-	P	V
802.11ax		11570	49.8	-24.2	74	55.33	38.68	13.7	57.91	-	-	P	H
HE20		17355	50.48	-17.82	68.3	49.59	41.34	16.5	56.95	-	-	P	H
CH 157		11570	48.51	-25.49	74	54.04	38.68	13.7	57.91	-	-	P	V
5785MHz		17355	50.92	-17.38	68.3	50.03	41.34	16.5	56.95	-	-	P	V
802.11ax		11650	48.71	-25.29	74	54.18	38.77	13.69	57.93	-	-	P	H
HE20		17475	50.95	-17.35	68.3	50.16	41.39	16.47	57.07	-	-	P	H
CH 165		11650	50.25	-23.75	74	55.72	38.77	13.69	57.93	-	-	P	V

5825MHz		17475	50.71	-17.59	68.3	49.92	41.39	16.47	57.07	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		**(MHz)**	**(dBµV/m)**	**(dB)**	**(dBµV/m)**	**(dBµV)**	**(dB/m)**	**(dB)**	**(dB)**	**(cm)**	**(deg)**	**(P/A)**	**(H/V)**
		5605.8	51.78	-16.52	68.3	37.4	34.87	10.05	30.54	100	114	P	H
		5683	52.93	-39.76	92.69	38.43	34.98	10.09	30.57	100	114	P	H
		5716	57.89	-51.79	109.68	43.33	35.03	10.12	30.59	100	114	P	H
		5724.4	60.25	-60.58	120.83	45.66	35.06	10.12	30.59	100	114	P	H
	*	5755	100.11	-	-	85.46	35.11	10.14	30.6	100	114	P	H
	*	5755	93.18	-	-	78.53	35.11	10.14	30.6	100	114	A	H
		5854.6	50.98	-60.73	111.71	36.15	35.28	10.19	30.64	100	114	P	H
		5858.6	52	-57.79	109.79	37.15	35.28	10.21	30.64	100	114	P	H
802.11ax		5899.8	51.95	-34.86	86.81	37.04	35.33	10.24	30.66	100	114	P	H
HE40 Full		5927.4	53.21	-15.09	68.3	38.25	35.39	10.24	30.67	100	114	P	H
CH 151		5612.4	52.66	-15.64	68.3	38.29	34.87	10.05	30.55	100	84	P	V
5755MHz		5662.4	52.06	-25.42	77.48	37.59	34.95	10.09	30.57	100	84	P	V
		5719.8	55.92	-54.82	110.74	41.33	35.06	10.12	30.59	100	84	P	V
		5722.6	57.44	-59.29	116.73	42.85	35.06	10.12	30.59	100	84	P	V
	*	5755	97.53	-	-	82.88	35.11	10.14	30.6	100	84	P	V
	*	5755	90.02	-	-	75.37	35.11	10.14	30.6	100	84	A	V
		5851.4	52.17	-66.84	119.01	37.37	35.25	10.19	30.64	100	84	P	V
		5867.8	51.7	-55.51	107.21	36.85	35.28	10.21	30.64	100	84	P	V
		5905.2	52.7	-30.11	82.81	37.76	35.36	10.24	30.66	100	84	P	V
		5932.2	52.25	-16.05	68.3	37.29	35.39	10.24	30.67	100	84	P	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 159 5795MHz		5601	51.97	-16.33	68.3	37.59	34.87	10.05	30.54	100	115	P	H
		5650.8	52.04	-16.85	68.89	37.58	34.95	10.07	30.56	100	115	P	H
		5701.8	51.66	-54.04	105.7	37.09	35.03	10.12	30.58	100	115	P	H
		5720.2	51.07	-60.19	111.26	36.48	35.06	10.12	30.59	100	115	P	H
	*	5795	99.39	-	-	84.68	35.17	10.16	30.62	100	115	P	H
	*	5795	92.29	-	-	77.58	35.17	10.16	30.62	100	115	A	H
		5852.8	50.5	-65.32	115.82	35.7	35.25	10.19	30.64	100	115	P	H
		5869.6	51.65	-55.06	106.71	36.81	35.28	10.21	30.65	100	115	P	H
		5913.2	52.98	-23.92	76.9	38.04	35.36	10.24	30.66	100	115	P	H
		5926.2	52.26	-16.04	68.3	37.3	35.39	10.24	30.67	100	115	P	H
		5621.4	51.57	-16.73	68.3	37.18	34.89	10.05	30.55	100	87	P	V
		5692.8	52.74	-47.17	99.91	38.23	35	10.09	30.58	100	87	P	V
		5702.8	51.29	-54.7	105.99	36.72	35.03	10.12	30.58	100	87	P	V
		5722.2	50.71	-65.11	115.82	36.12	35.06	10.12	30.59	100	87	P	V
	*	5795	97.6	-	-	82.89	35.17	10.16	30.62	100	87	P	V
	*	5795	90.19	-	-	75.48	35.17	10.16	30.62	100	87	A	V
		5851.2	51.02	-68.44	119.46	36.22	35.25	10.19	30.64	100	87	P	V
		5873	51.36	-54.4	105.76	36.49	35.31	10.21	30.65	100	87	P	V
		5900.6	53.01	-33.21	86.22	38.1	35.33	10.24	30.66	100	87	P	V
		5925.4	52.87	-15.43	68.3	37.91	35.39	10.24	30.67	100	87	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE40_Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11510	48.82	-25.18	74	54.42	38.6	13.7	57.9	-	-	P	H
HE40 Full		17265	50.13	-18.17	68.3	49.17	41.31	16.52	56.87	-	-	P	H
CH 151		11510	49.5	-24.5	74	55.1	38.6	13.7	57.9	-	-	P	V
5755MHz		17265	50.07	-18.23	68.3	49.11	41.31	16.52	56.87	-	-	P	V
802.11ax		11590	49.49	-24.51	74	55.02	38.7	13.69	57.92	-	-	P	H
HE40 Full		17385	50.5	-17.8	68.3	49.63	41.36	16.49	56.98	-	-	P	H
CH 159		11590	48.98	-25.02	74	54.51	38.7	13.69	57.92	-	-	P	V
5795MHz		17385	50.96	-17.34	68.3	50.09	41.36	16.49	56.98	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE80_Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5629.2	52.2	-16.1	68.3	37.79	34.89	10.07	30.55	100	114	P	H
		5695.4	55.68	-46.14	101.82	41.17	35	10.09	30.58	100	114	P	H
		5718.2	58.17	-52.13	110.3	43.58	35.06	10.12	30.59	100	114	P	H
		5724.8	58.33	-63.41	121.74	43.74	35.06	10.12	30.59	100	114	P	H
	*	5775	97.78	-	-	83.11	35.14	10.14	30.61	100	114	P	H
	*	5775	90.84	-	-	76.17	35.14	10.14	30.61	100	114	A	H
		5852.2	51.29	-65.89	117.18	36.49	35.25	10.19	30.64	100	114	P	H
		5858.4	52.28	-57.57	109.85	37.43	35.28	10.21	30.64	100	114	P	H
802.11ax		5913.4	52.25	-24.51	76.76	37.31	35.36	10.24	30.66	100	114	P	H
HE80 Full		5946.6	52.21	-16.09	68.3	37.2	35.42	10.26	30.67	100	114	P	H
CH 155		5602.4	51.8	-16.5	68.3	37.42	34.87	10.05	30.54	100	89	P	V
5775MHz		5693.8	53.69	-46.95	100.64	39.18	35	10.09	30.58	100	89	P	V
		5712.2	55.23	-53.39	108.62	40.66	35.03	10.12	30.58	100	89	P	V
		5721	56.67	-56.41	113.08	42.08	35.06	10.12	30.59	100	89	P	V
	*	5775	94.76	-	-	80.09	35.14	10.14	30.61	100	89	P	V
	*	5775	87.14	-	-	72.47	35.14	10.14	30.61	100	89	A	V
		5851.2	52.09	-67.37	119.46	37.29	35.25	10.19	30.64	100	89	P	V
		5872.8	51.62	-54.2	105.82	36.75	35.31	10.21	30.65	100	89	P	V
		5897.2	52.61	-36.12	88.73	37.7	35.33	10.24	30.66	100	89	P	V
		5938	52.26	-16.04	68.3	37.28	35.39	10.26	30.67	100	89	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE80_Full (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11550	49.86	-24.14	74	55.41	38.66	13.7	57.91	-	-	P	H
HE80 Full		17325	50.21	-18.09	68.3	49.3	41.33	16.5	56.92	-	-	P	H
CH 155		11550	50.89	-23.11	74	56.44	38.66	13.7	57.91	-	-	P	V
5775MHz		17325	50.38	-17.92	68.3	49.47	41.33	16.5	56.92	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE20 Full (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.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		30.105	29.81	-10.19	40	45.74	17.56	1.21	34.7	-	-	P	H
HE20 Full		75.182	19.53	-20.47	40	36.46	15.94	1.88	34.75	-	-	P	H
LF		219.845	29.75	-16.25	46	44.96	16.63	2.86	34.7	-	-	P	H
		268.485	30.66	-15.34	46	44.09	18.15	3.08	34.66	-	-	P	H
		352.943	32.29	-13.71	46	43.16	20.29	3.43	34.59	-	-	P	H
		638.369	28.08	-17.92	46	32.74	26.21	3.65	34.52	-	-	P	H
		30.531	27.19	-12.81	40	42.89	17.78	1.23	34.71	-	-	P	V
		37.68	23.28	-16.72	40	37.77	19.04	1.32	34.85	-	-	P	V
		73.103	22.33	-17.67	40	38.73	16.51	1.86	34.77	-	-	P	V
		170.793	28.55	-14.95	43.5	43.06	17.75	2.44	34.7	-	-	P	V
		281.008	27.79	-18.21	46	40.75	18.54	3.14	34.64	-	-	P	V
		354.183	27.39	-18.61	46	38.24	20.31	3.43	34.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

U-NII-3 - 5725~5850MHz

WIFI 802.11ax HE20_Partial 26 (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/0 CH 149 5745MHz		5625.2	47.41	-20.89	68.3	37.75	34.68	8.36	33.38	197	298	P	H
		5679	48.29	-41.45	89.74	38.36	34.79	8.51	33.37	197	298	P	H
		5712.8	47.99	-60.8	108.79	37.83	34.87	8.65	33.36	197	298	P	H
		5720.6	48.68	-63.49	112.17	38.49	34.89	8.65	33.35	197	298	P	H
	*	5745	100.66	-	-	90.27	34.94	8.8	33.35	197	298	P	H
	*	5745	93.89	-	-	83.5	34.94	8.8	33.35	197	298	A	H
		5622.2	49.36	-18.94	68.3	39.71	34.67	8.36	33.38	100	146	P	V
		5676	49.35	-38.18	87.53	39.42	34.79	8.51	33.37	100	146	P	V
		5709	48.27	-59.45	107.72	38.12	34.86	8.65	33.36	100	146	P	V
		5723.6	47.41	-71.6	119.01	37.22	34.89	8.65	33.35	100	146	P	V
	*	5745	103.61	-	-	93.22	34.94	8.8	33.35	100	146	P	V
	*	5745	95.29	-	-	84.9	34.94	8.8	33.35	100	146	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 26/8 CH 165 5825MHz	*	5825	102.29	-	-	91.61	35.12	8.89	33.33	106	296	P	H
	*	5825	94.87	-	-	84.19	35.12	8.89	33.33	106	296	A	H
		5853.4	49.75	-64.7	114.45	39.01	35.18	8.89	33.33	106	296	P	H
		5873	49.1	-56.66	105.76	38.36	35.22	8.85	33.33	106	296	P	H
		5880	49.46	-52.03	101.49	38.7	35.24	8.85	33.33	106	296	P	H
		5928.8	49.87	-18.43	68.3	39.04	35.34	8.8	33.31	106	296	P	H
	*	5825	98.6	-	-	87.92	35.12	8.89	33.33	100	147	P	V
	*	5825	91.07	-	-	80.39	35.12	8.89	33.33	100	147	A	V
		5852.4	48.1	-68.63	116.73	37.36	35.18	8.89	33.33	100	147	P	V
		5862.8	48.94	-59.67	108.61	38.22	35.2	8.85	33.33	100	147	P	V
		5898.6	49.82	-37.88	87.7	39.06	35.28	8.8	33.32	100	147	P	V
		5927.2	50.08	-18.22	68.3	39.25	35.34	8.8	33.31	100	147	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE20_Partial 52 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5636.4	47.86	-20.44	68.3	38.17	34.7	8.36	33.37	242	184	P	H
		5681	48.71	-42.51	91.22	38.77	34.8	8.51	33.37	242	184	P	H
		5703.2	48.4	-57.7	106.1	38.26	34.85	8.65	33.36	242	184	P	H
802.11ax		5723.6	47.44	-71.57	119.01	37.25	34.89	8.65	33.35	242	184	P	H
HE20	*	5745	102.01	-	-	91.62	34.94	8.8	33.35	242	184	P	H
Partial	*	5745	93.99	-	-	83.6	34.94	8.8	33.35	242	184	A	H
52/37		5617.6	48.44	-19.86	68.3	38.94	34.66	8.22	33.38	100	276	P	V
CH 149		5671.4	48.35	-35.78	84.13	38.43	34.78	8.51	33.37	100	276	P	V
5745MHz		5713.2	48.57	-60.33	108.9	38.4	34.87	8.65	33.35	100	276	P	V
		5724.8	47.54	-74.2	121.74	37.35	34.89	8.65	33.35	100	276	P	V
	*	5745	101.75	-	-	91.36	34.94	8.8	33.35	100	276	P	V
	*	5745	93.89	-	-	83.5	34.94	8.8	33.35	100	276	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial 52/40 CH 165 5825MHz	*	5825	105.07	-	-	94.39	35.12	8.89	33.33	100	301	P	H
	*	5825	97.57	-	-	86.89	35.12	8.89	33.33	100	301	A	H
		5851	49.41	-70.51	119.92	38.68	35.17	8.89	33.33	100	301	P	H
		5866.6	50.66	-56.89	107.55	39.93	35.21	8.85	33.33	100	301	P	H
		5877	49.46	-54.25	103.71	38.71	35.23	8.85	33.33	100	301	P	H
		5949	49.68	-18.62	68.3	38.84	35.39	8.76	33.31	100	301	P	H
	*	5825	100.24	-	-	89.56	35.12	8.89	33.33	111	150	P	V
	*	5825	93.07	-	-	82.39	35.12	8.89	33.33	111	150	A	V
		5852.6	47.85	-68.42	116.27	37.11	35.18	8.89	33.33	111	150	P	V
		5858.4	49.23	-60.62	109.85	38.52	35.19	8.85	33.33	111	150	P	V
		5885.6	50.33	-47	97.33	39.56	35.25	8.85	33.33	111	150	P	V
		5933.4	49.17	-19.13	68.3	38.33	35.35	8.8	33.31	111	150	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

U-NII-3 5725~5850MHz

WIFI 802.11ax HE20_Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 4+5		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
		5622	48.24	-20.06	68.3	38.59	34.67	8.36	33.38	128	300	P	H
		5660.2	49.89	-25.96	75.85	40.15	34.75	8.36	33.37	128	300	P	H
		5714.6	50.87	-58.42	109.29	40.7	34.87	8.65	33.35	128	300	P	H
802.11ax		5721.6	59.23	-55.22	114.45	49.04	34.89	8.65	33.35	128	300	P	H
HE20	*	5745	102.69	-	-	92.3	34.94	8.8	33.35	128	300	P	H
Partial	*	5745	94.58	-	-	84.19	34.94	8.8	33.35	128	300	A	H
106/53		5629.2	48.44	-19.86	68.3	38.78	34.68	8.36	33.38	100	277	P	V
CH 149		5699.8	48.89	-56.16	105.05	38.76	34.84	8.65	33.36	100	277	P	V
5745MHz		5719	56.57	-53.95	110.52	46.39	34.88	8.65	33.35	100	277	P	V
		5724	49.26	-70.66	119.92	39.07	34.89	8.65	33.35	100	277	P	V
	*	5745	102.22	-	-	91.83	34.94	8.8	33.35	100	277	P	V
	*	5745	94.99	-	-	84.6	34.94	8.8	33.35	100	277	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
4+5		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
	*	5825	103.43	-	-	92.75	35.12	8.89	33.33	100	301	P	H
	*	5825	96.77	-	-	86.09	35.12	8.89	33.33	100	301	A	H
		5854.6	49.61	-62.1	111.71	38.87	35.18	8.89	33.33	100	301	P	H
802.11ax		5866.4	49.5	-58.11	107.61	38.77	35.21	8.85	33.33	100	301	P	H
HE20		5897.6	50.01	-38.43	88.44	39.26	35.27	8.8	33.32	100	301	P	H
Partial		5934	50.3	-18	68.3	39.5	35.35	8.76	33.31	100	301	P	H
106/54	*	5825	102.53	-	-	91.85	35.12	8.89	33.33	100	269	P	V
CH 165	*	5825	95.57	-	-	84.89	35.12	8.89	33.33	100	269	A	V
5825MHz		5850.4	51.69	-69.6	121.29	40.96	35.17	8.89	33.33	100	269	P	V
		5858.6	49.83	-59.96	109.79	39.12	35.19	8.85	33.33	100	269	P	V
		5881	50.02	-50.72	100.74	39.26	35.24	8.85	33.33	100	269	P	V
		5930.4	49.82	-18.48	68.3	38.98	35.35	8.8	33.31	100	269	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		11440	47.37	-26.63	74	50.27	39.41	11.43	53.74	-	-	P	H
		17160	52.47	-15.83	68.3	49.27	42.37	13.15	52.32	-	-	P	H
		11440	47.06	-26.94	74	49.96	39.41	11.43	53.74	-	-	P	V
		17160	52.22	-16.08	68.3	49.02	42.37	13.15	52.32	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802. 11ax HE20 (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802. 11ax HE20 CH 144 5720MHz		11440	47.34	-26.66	74	50.24	39.41	11.43	53.74	-	-	P	H
		17160	52.04	-16.26	68.3	48.84	42.37	13.15	52.32	-	-	P	H
		11440	47.33	-26.67	74	50.23	39.41	11.43	53.74	-	-	P	V
		17160	52.57	-15.73	68.3	49.37	42.37	13.15	52.32	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802. 11ax HE40 (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802. 11ax		11420	46.79	-27.21	74	49.71	39.42	11.41	53.75	-	-	P	H
HE40		17130	52.27	-16.03	68.3	49.04	42.37	13.15	52.29	-	-	P	H
CH 142		11420	47.05	-26.95	74	49.97	39.42	11.41	53.75	-	-	P	V
5710MHz		17130	53.2	-15.1	68.3	49.97	42.37	13.15	52.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

U-NII-2C - Straddle Channel

WIFI 802. 11ax HE80 (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.	
4+5		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802. 11ax		11380	46.96	-27.04	74	49.92	39.42	11.39	53.77	-	-	P	H
HE80		17070	51.04	-17.26	68.3	47.76	42.39	13.14	52.25	-	-	P	H
CH 138		11380	47.4	-26.6	74	50.36	39.42	11.39	53.77	-	-	P	V
5690MHz		17070	51.88	-16.42	68.3	48.6	42.39	13.14	52.25	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

<Simultaneous transmission>

802.11ax HE80_CH42 + Band 48 Link + BLE_TX_2Mbps_CH39 (Ant.4)

(Band Edge @ 3m)

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
Co-location		5131.3	56.85	-17.15	74	49.3	31.98	8.51	32.94	100	246	P	H
		5150	45.36	-8.64	54	37.83	31.99	8.51	32.97	100	246	A	H
	*	5210	94.63	-	-	87.03	32.03	8.65	33.08	100	246	P	H
	*	5210	86.73	-	-	79.13	32.03	8.65	33.08	100	246	A	H
		5400.96	46.4	-27.6	74	38.02	32.14	9.66	33.42	100	246	P	H
		5393.28	35.32	-18.68	54	26.93	32.14	9.66	33.41	100	246	A	H
		5146.38	55.17	-18.83	74	47.63	31.99	8.51	32.96	104	250	P	V
		5145.6	45.08	-8.92	54	37.54	31.99	8.51	32.96	104	250	A	V
	*	5210	91.8	-	-	84.2	32.03	8.65	33.08	104	250	P	V
	*	5210	84.81	-	-	77.21	32.03	8.65	33.08	104	250	A	V
		5425.44	46.32	-27.68	74	37.97	32.16	9.66	33.47	104	250	P	V
		5454	35.2	-18.8	54	26.87	32.17	9.68	33.52	104	250	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBµV/m)	(dB)	Line (dBµV/m)	Level (dBµV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
Co-location	*	2480	94.08	-	-	94.69	27.83	5.46	33.9	100	133	P	H
	*	2480	92.32	-	-	92.93	27.83	5.46	33.9	100	133	A	H
		2483.92	49.02	-24.98	74	49.61	27.85	5.46	33.9	100	133	P	H
		2496.36	41.01	-12.99	54	41.56	27.89	5.46	33.9	100	133	A	H
	*	2480	82.97	-	-	83.58	27.83	5.46	33.9	309	338	P	V
	*	2480	81.17	-	-	81.78	27.83	5.46	33.9	309	338	A	V
		2487.04	49.29	-24.71	74	49.87	27.86	5.46	33.9	309	338	P	V
		2489.64	41.09	-12.91	54	41.67	27.86	5.46	33.9	309	338	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11ax HE80_CH42 + Band 48 Link + BLE_TX_2Mbps_CH39 (Ant.5)

(Band Edge @ 3m)

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location		5132.08	56.28	-17.72	74	48.73	31.98	8.51	32.94	100	247	P	H
		5142.48	45.36	-8.64	54	37.82	31.99	8.51	32.96	100	247	A	H
	*	5210	94.96	-	-	87.36	32.03	8.65	33.08	100	247	P	H
	*	5210	87.71	-	-	80.11	32.03	8.65	33.08	100	247	A	H
		5354.88	46.92	-27.08	74	38.69	32.11	9.46	33.34	100	247	P	H
		5395.44	36.03	-17.97	54	27.64	32.14	9.66	33.41	100	247	A	H
		5147.16	55.64	-18.36	74	48.1	31.99	8.51	32.96	100	260	P	V
		5146.64	45.3	-8.7	54	37.76	31.99	8.51	32.96	100	260	A	V
	*	5210	93.98	-	-	86.38	32.03	8.65	33.08	100	260	P	V
	*	5210	86.75	-	-	79.15	32.03	8.65	33.08	100	260	A	V
		5419.44	46.36	-27.64	74	38	32.15	9.66	33.45	100	260	P	V
		5400.72	35.58	-18.42	54	27.2	32.14	9.66	33.42	100	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location	*	2480	101.29	-	-	101.9	27.83	5.46	33.9	100	255	P	H
	*	2480	99.49	-	-	100.1	27.83	5.46	33.9	100	255	A	H
		2483.56	49.12	-24.88	74	49.72	27.84	5.46	33.9	100	255	P	H
		2486.84	41.08	-12.92	54	41.66	27.86	5.46	33.9	100	255	A	H
	*	2480	97.87	-	-	98.48	27.83	5.46	33.9	396	294	P	V
	*	2480	95.92	-	-	96.53	27.83	5.46	33.9	396	294	A	V
		2485.4	48.67	-25.33	74	49.26	27.85	5.46	33.9	396	294	P	V
		2483.8	40.77	-13.23	54	41.37	27.84	5.46	33.9	396	294	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11ax HE80_CH42 + Band 48 Link + 802.11g_TX_CH11

(Band Edge @ 3m)

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location		5143.78	56.04	-17.96	74	48.5	31.99	8.51	32.96	100	307	P	H
		5142.48	45.92	-8.08	54	38.38	31.99	8.51	32.96	100	307	A	H
	*	5210	96.06	-	-	88.46	32.03	8.65	33.08	100	307	P	H
	*	5210	90.29	-	-	82.69	32.03	8.65	33.08	100	307	A	H
		5393.52	46.24	-27.76	74	37.85	32.14	9.66	33.41	100	307	P	H
		5350.56	36.17	-17.83	54	27.93	32.11	9.46	33.33	100	307	A	H
		5147.68	56.25	-17.75	74	48.72	31.99	8.51	32.97	100	281	P	V
		5145.6	46.5	-7.5	54	38.96	31.99	8.51	32.96	100	281	A	V
	*	5210	94.59	-	-	86.99	32.03	8.65	33.08	100	281	P	V
	*	5210	88.25	-	-	80.65	32.03	8.65	33.08	100	281	A	V
		5423.52	45.97	-28.03	74	37.62	32.15	9.66	33.46	100	281	P	V
		5397.6	35.96	-18.04	54	27.58	32.14	9.66	33.42	100	281	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant.	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location	*	2462	111.5	-	-	112.21	27.77	5.41	33.89	100	326	P	H
	*	2462	103.32	-	-	104.03	27.77	5.41	33.89	100	326	A	H
		2485.6	61.28	-12.72	74	61.87	27.85	5.46	33.9	100	326	P	H
		2485.4	50.24	-3.76	54	50.83	27.85	5.46	33.9	100	326	A	H
	*	2462	108.92	-	-	109.63	27.77	5.41	33.89	293	98	P	V
	*	2462	100.98	-	-	101.69	27.77	5.41	33.89	293	98	A	V
		2483.64	60.96	-13.04	74	61.56	27.84	5.46	33.9	293	98	P	V
		2483.52	50.34	-3.66	54	50.94	27.84	5.46	33.9	293	98	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11ax HE80_CH42 + Band 48 Link + BLE_TX_2Mbps_CH39 (Ant.4)

(Harmonic @ 3m)

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location		4960	44.48	-29.52	74	37	31.83	8.41	32.76	-	-	P	H
		7440	45.27	-28.73	74	49.02	36.34	10.17	50.26	-	-	P	H
		10420	49.07	-19.23	68.3	47.19	39.09	12.12	49.33	-	-	P	H
		15630	49.2	-24.8	74	46.17	38.76	14.62	50.35	-	-	P	H
		4960	43.97	-30.03	74	36.49	31.83	8.41	32.76	-	-	P	V
		7440	46.14	-27.86	74	49.89	36.34	10.17	50.26	-	-	P	V
		10420	50.41	-17.89	68.3	48.53	39.09	12.12	49.33	-	-	P	V
		15630	49.36	-24.64	74	46.33	38.76	14.62	50.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11ax HE80_CH42 + Band 48 Link + BLE_TX_2Mbps_CH39(Ant.5)

(Harmonic @ 3m)

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location		4960	44.15	-29.85	74	36.67	31.83	8.41	32.76	-	-	P	H
		7440	45.95	-28.05	74	49.7	36.34	10.17	50.26	-	-	P	H
		10420	49.47	-18.83	68.3	47.59	39.09	12.12	49.33	-	-	P	H
		15630	48.43	-25.57	74	45.4	38.76	14.62	50.35	-	-	P	H
		4960	44.62	-29.38	74	37.14	31.83	8.41	32.76	-	-	P	V
		7440	44.89	-29.11	74	48.64	36.34	10.17	50.26	-	-	P	V
		10420	49.08	-19.22	68.3	47.2	39.09	12.12	49.33	-	-	P	V
		15630	48.02	-25.98	74	44.99	38.76	14.62	50.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

802.11ax HE80_CH42 + Band 48 Link + 802.11g_TX_CH11

(Harmonic @ 3m)

	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Co-location		4924	49.35	-24.65	74	41.88	31.76	8.53	32.82	-	-	P	H
		7386	44.86	-29.14	74	48.52	36.29	10.18	50.13	-	-	P	H
		10420	49.25	-19.05	68.3	47.37	39.09	12.12	49.33	-	-	P	H
		15630	50.66	-23.34	74	47.63	38.76	14.62	50.35	-	-	P	H
		4924	47.27	-26.73	74	39.8	31.76	8.53	32.82	-	-	P	V
		7386	44.47	-29.53	74	48.13	36.29	10.18	50.13	-	-	P	V
		10420	50.04	-18.26	68.3	48.16	39.09	12.12	49.33	-	-	P	V
		15630	50.07	-23.93	74	47.04	38.76	14.62	50.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

*	**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 **Margin** 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:

Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	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 @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

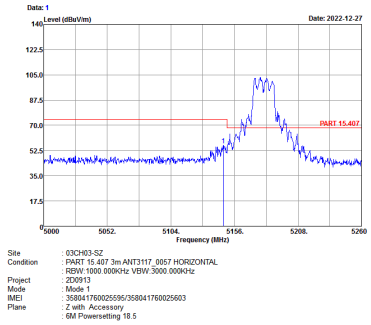
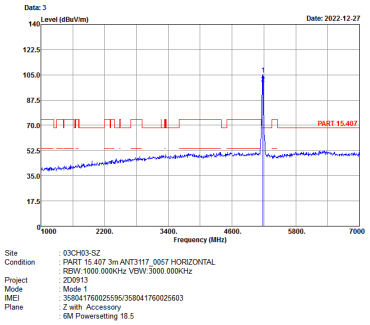
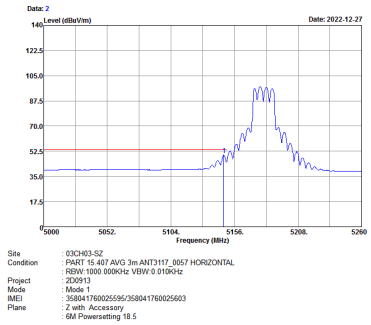
Appendix D. Radiated Spurious Emission

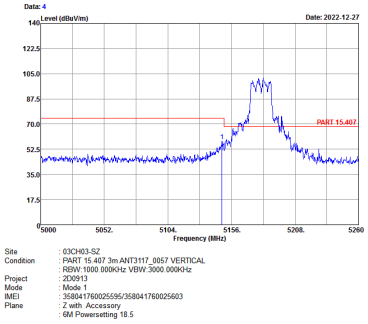
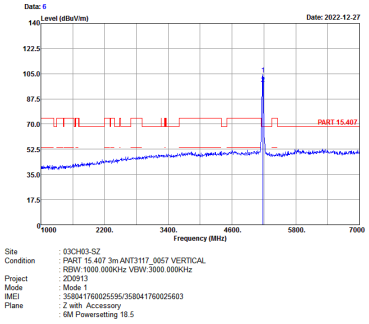
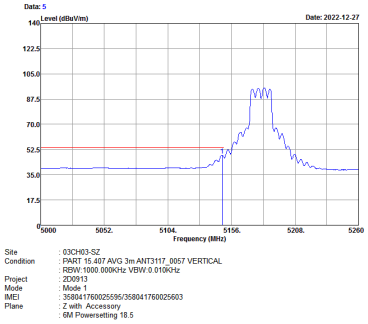
Note symbol

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

U-NII-1 - 5150~5250MHz

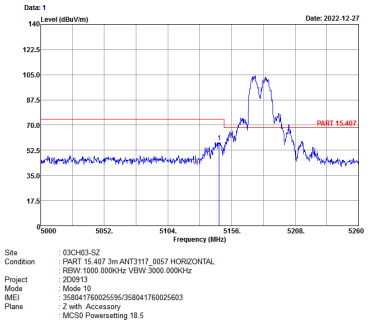
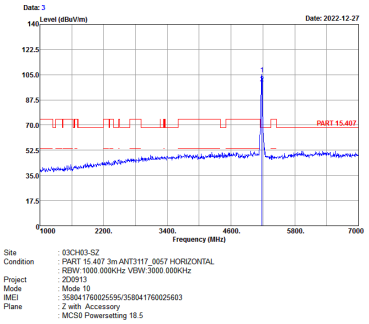
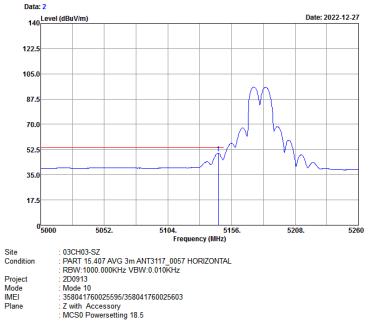
WIFI 802.11a (Band Edge @ 3m)

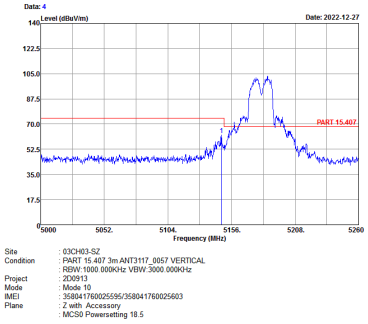
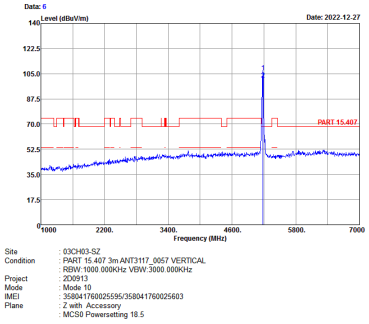
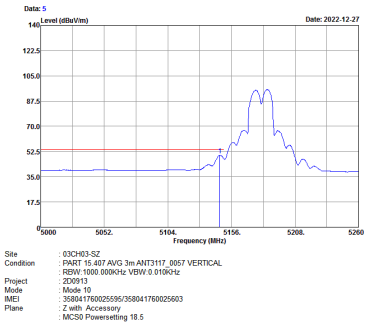
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

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

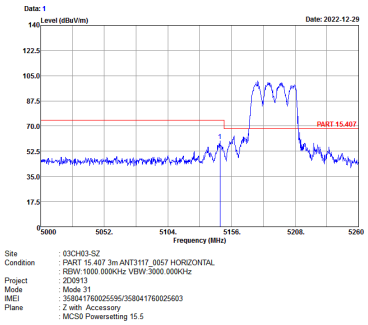
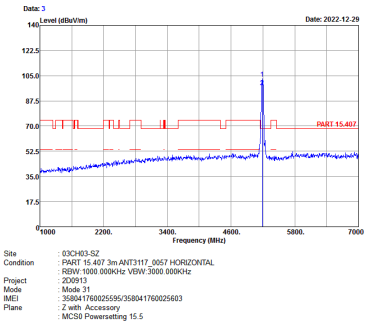
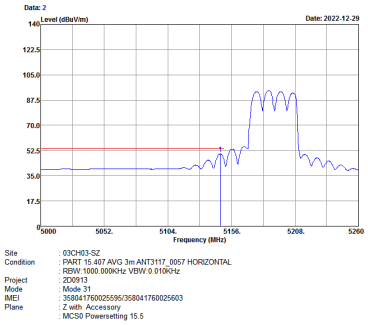
U-NII-1 5150~5250MHz

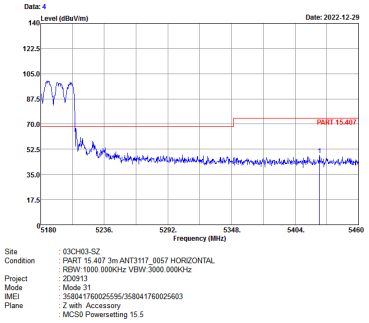
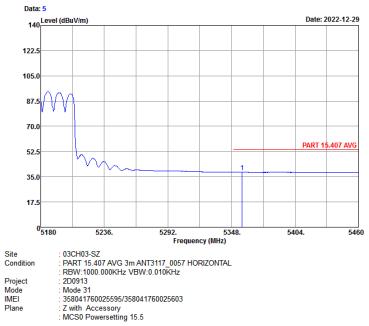
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

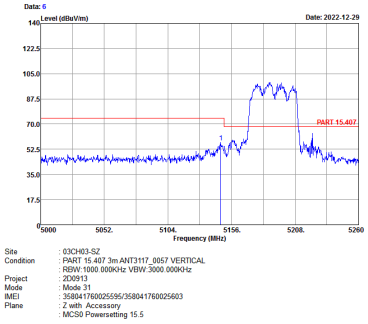
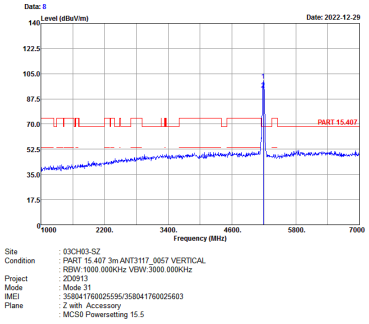
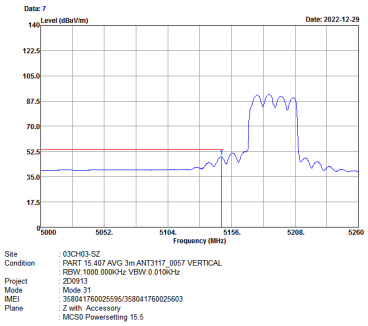
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

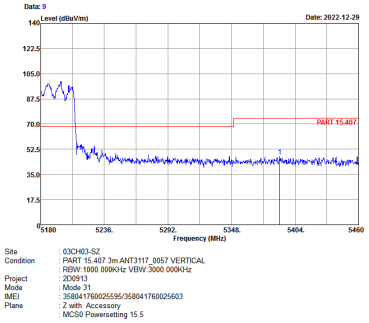
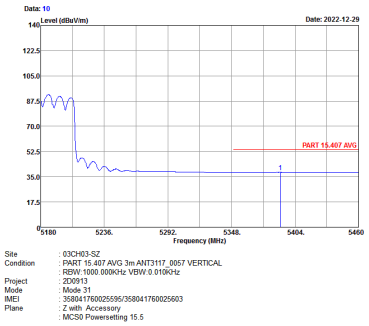
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH36 5180MHz	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

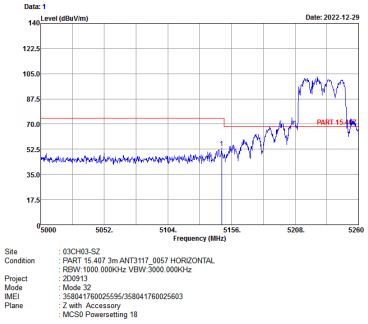
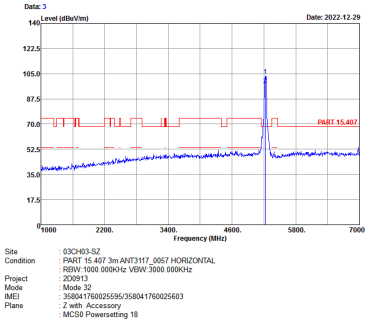
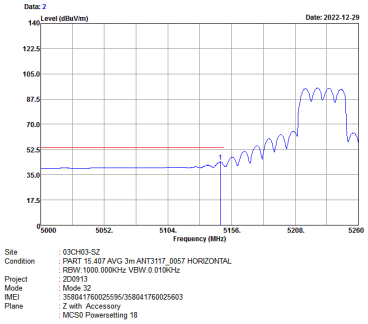
U-NII-1 5150~5250MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

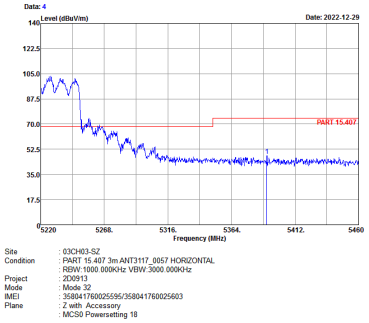
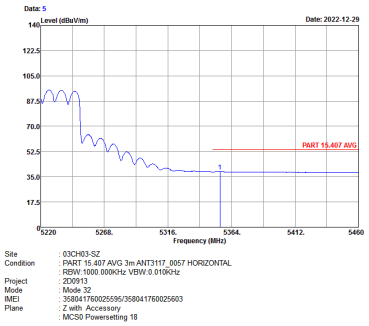
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

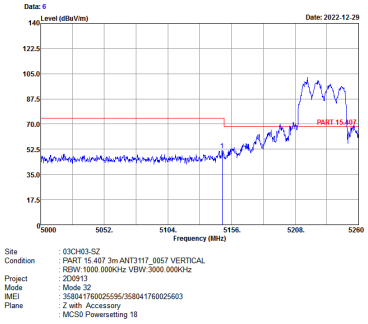
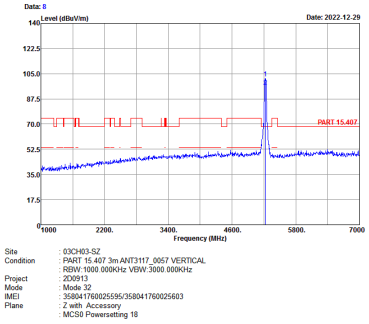
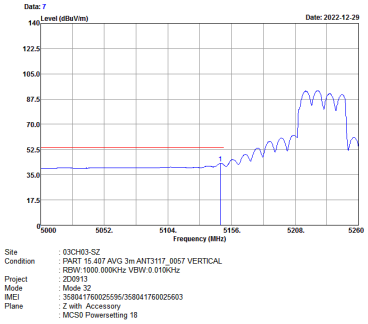
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

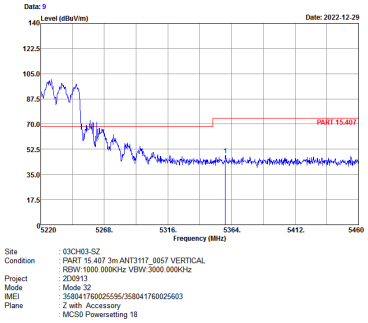
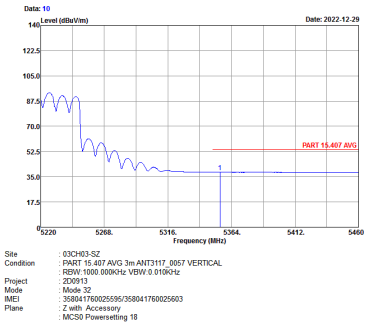
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH38 5190MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank

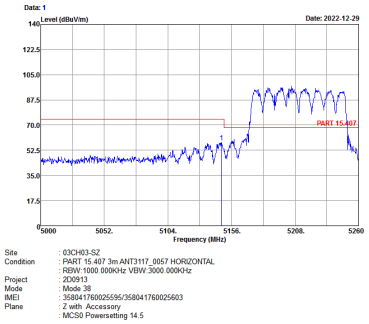
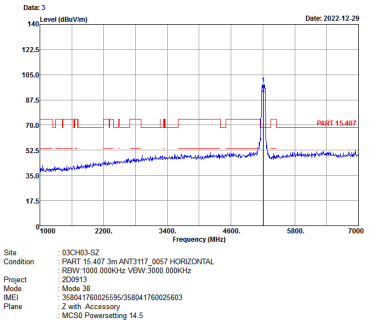
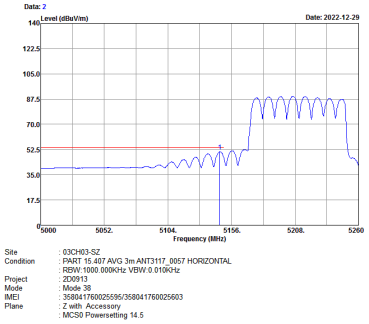
WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
4+5	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - L	
4+5	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH46 5230MHz - R	
4+5	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

U-NII-1 5150~5250MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	U-NII-1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH42 5210MHz - L	
4+5	Horizontal	Fundamental
Peak		
Avg.		Left blank