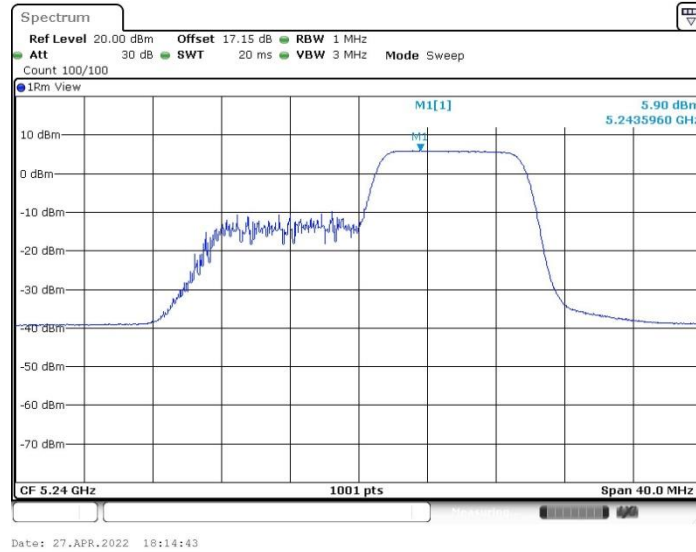
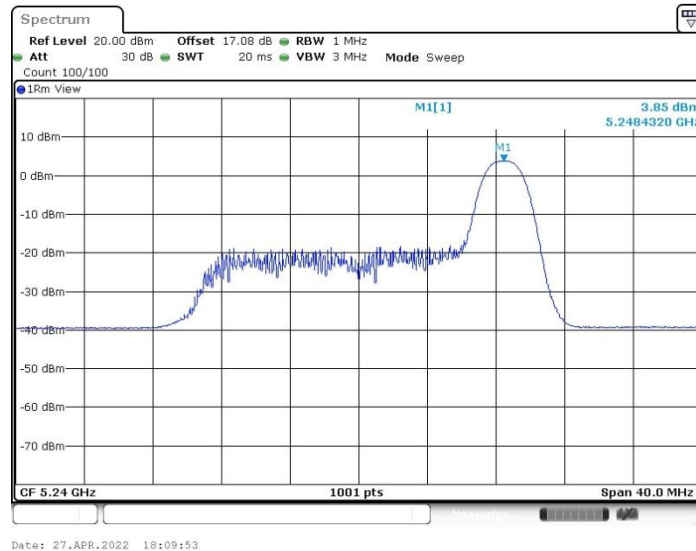




11AX20MIMO_Ant1_5240_106Tone_RU54

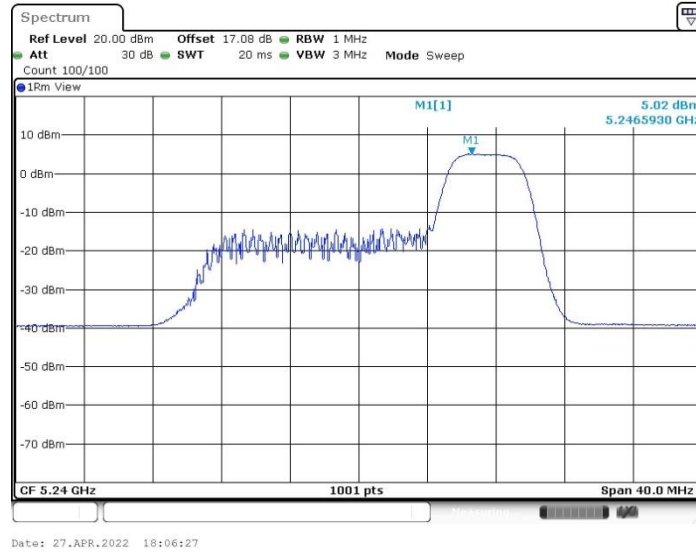


11AX20MIMO_Ant2_5240_26Tone_RU8

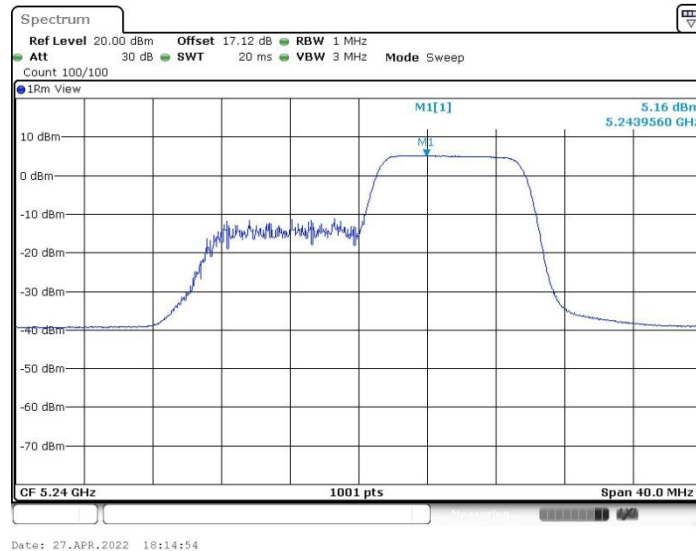


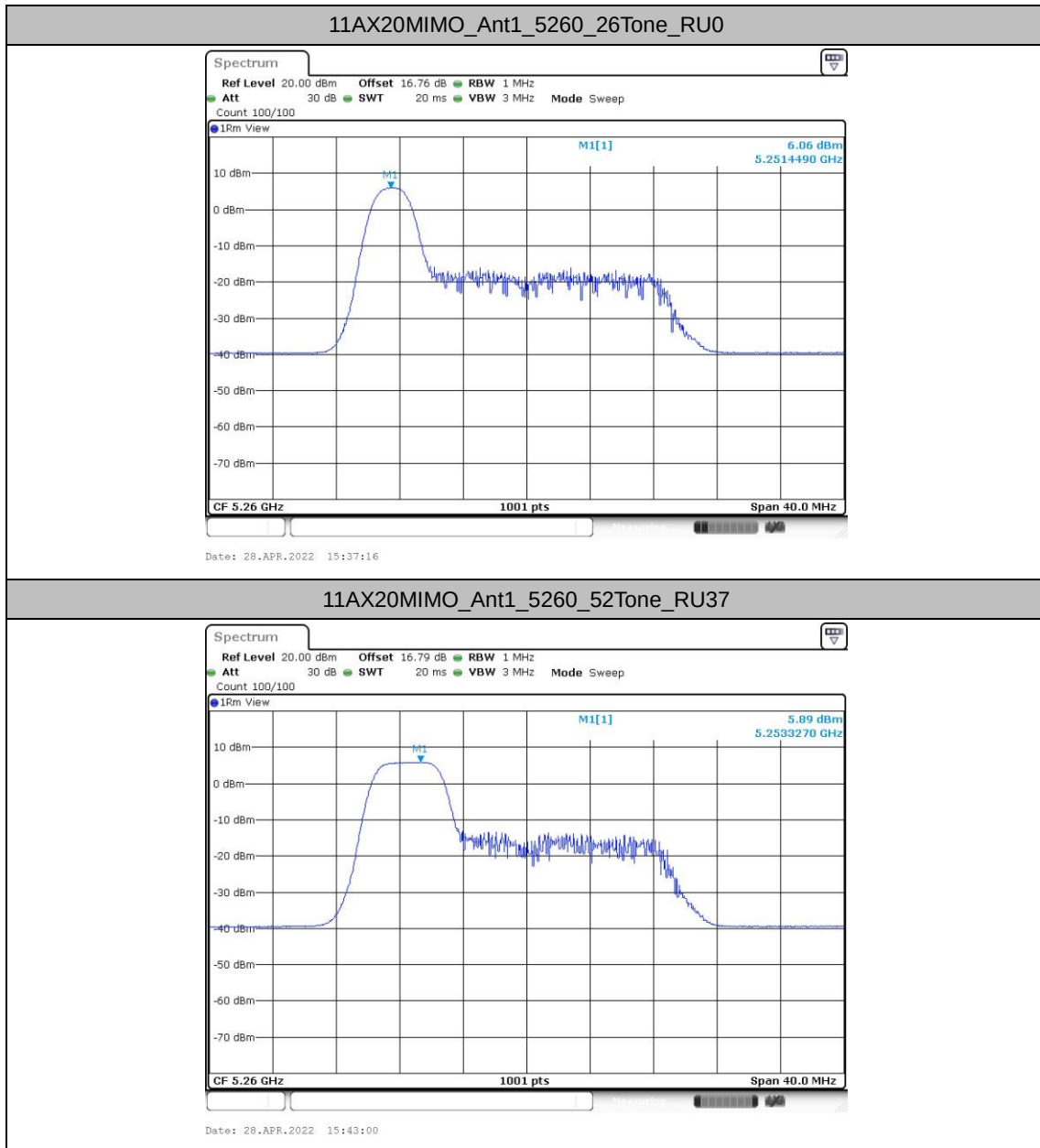


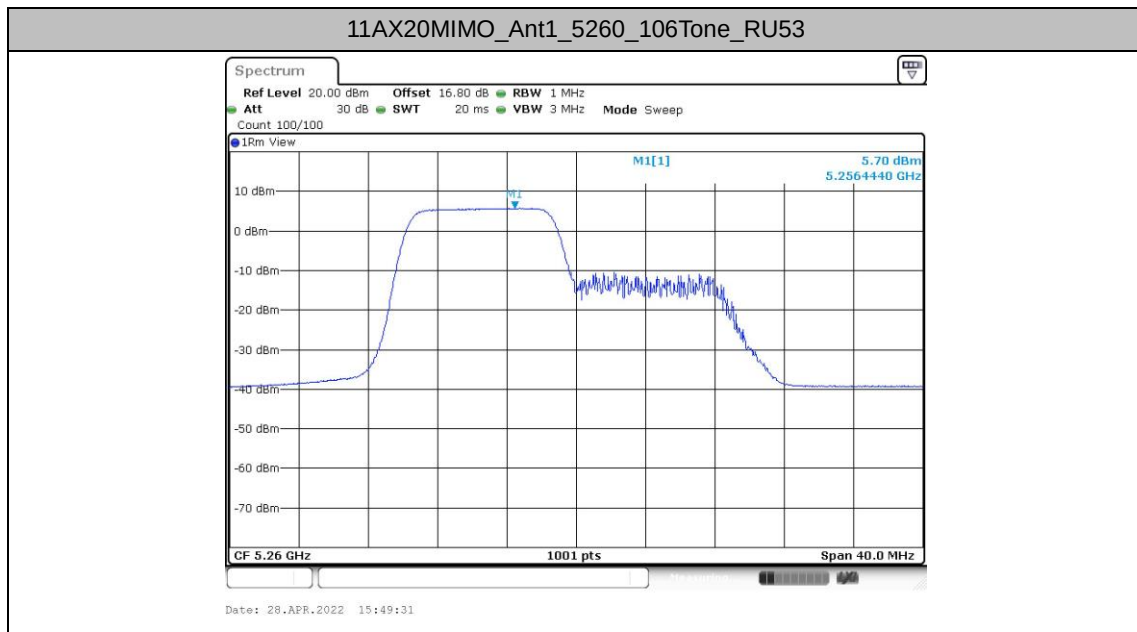
11AX20MIMO_Ant2_5240_52Tone_RU40

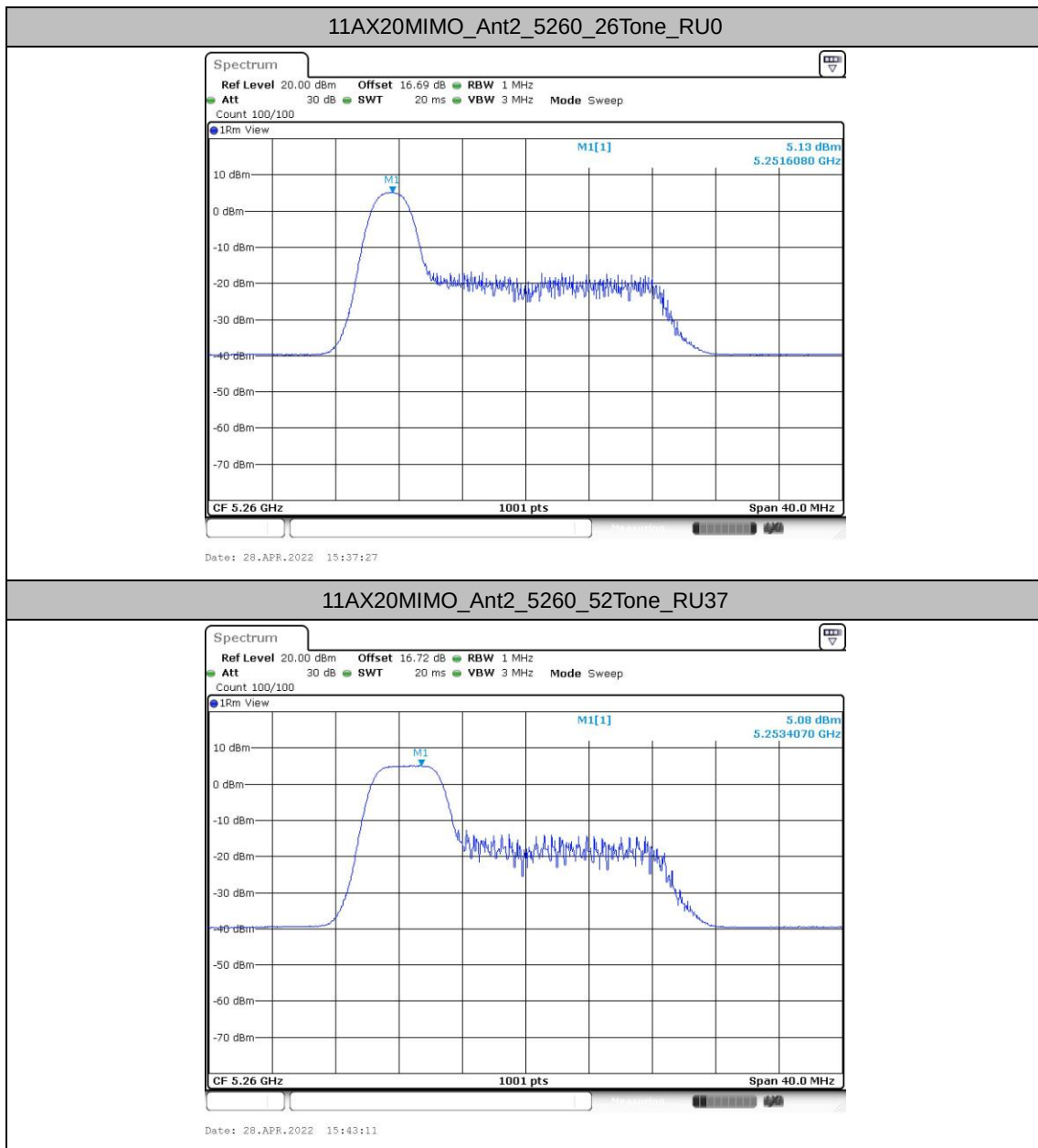


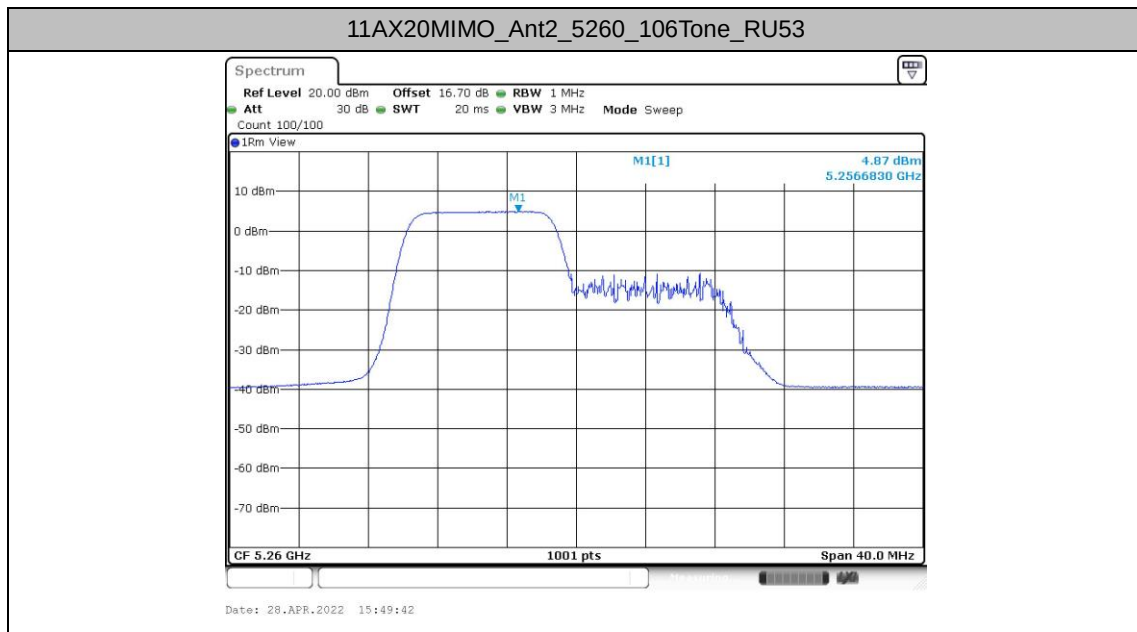
11AX20MIMO_Ant2_5240_106Tone_RU54

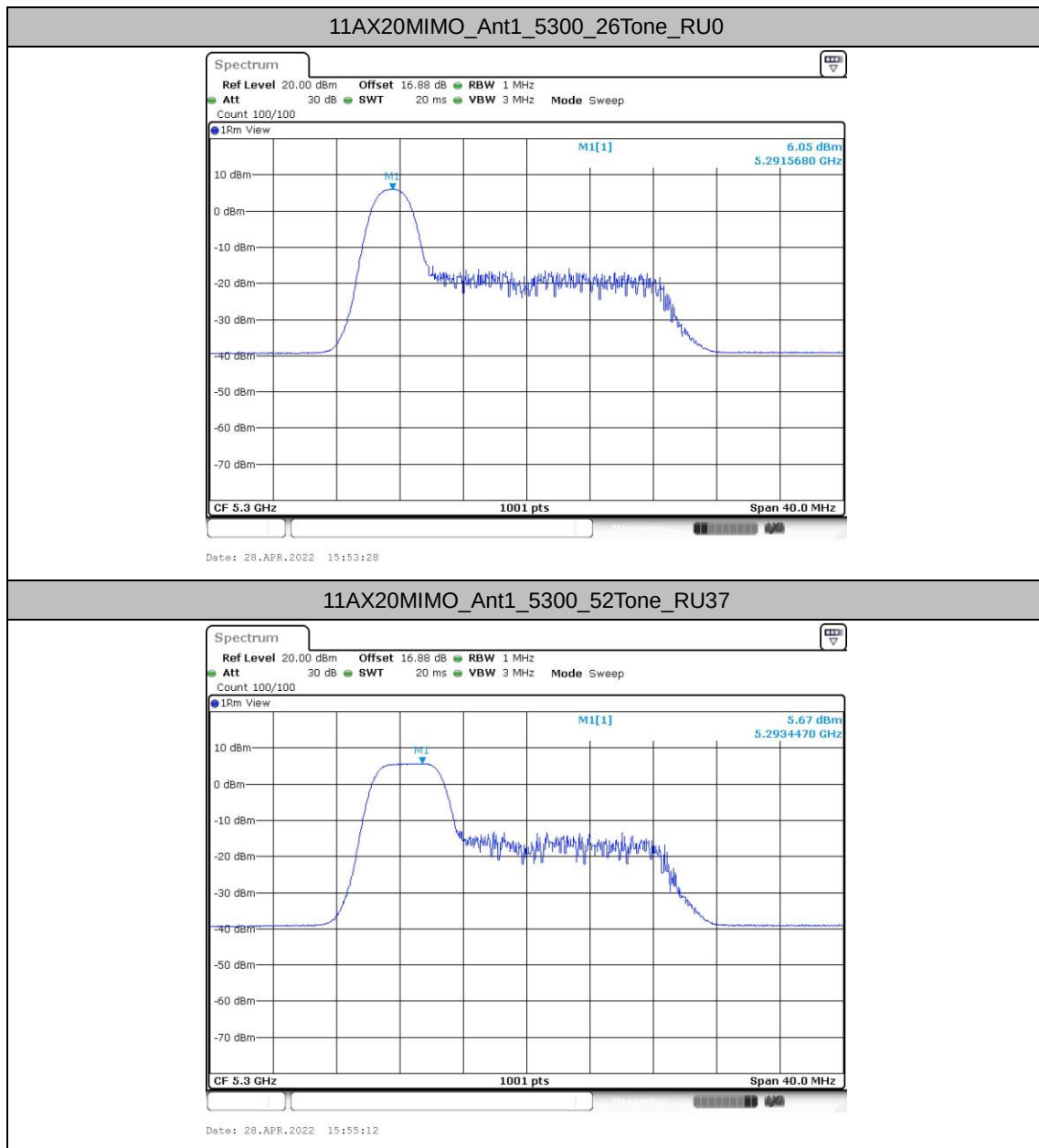


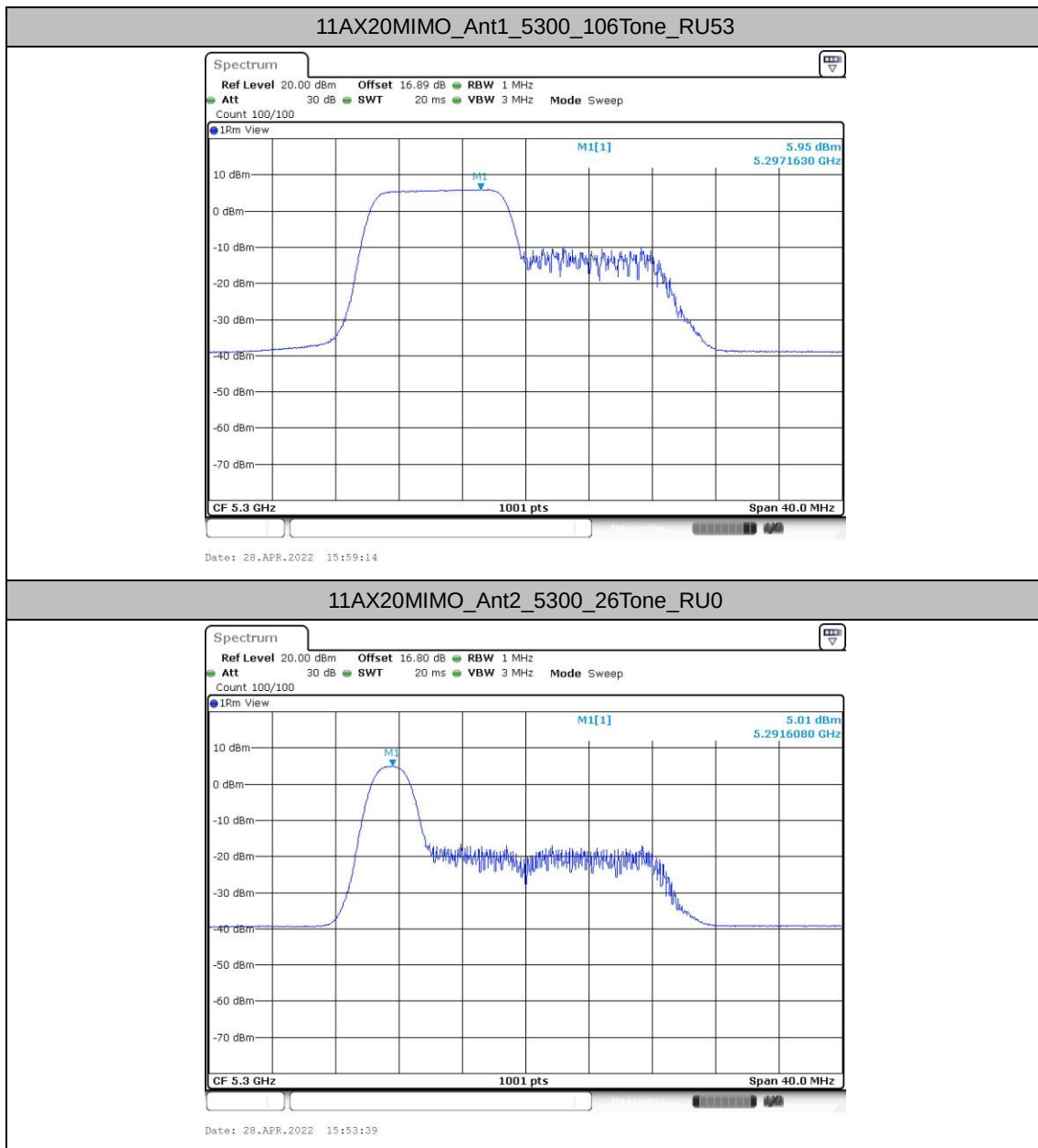






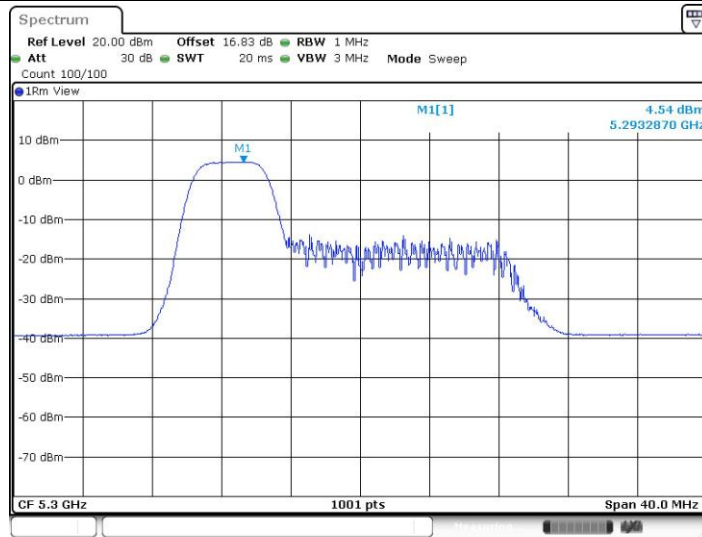






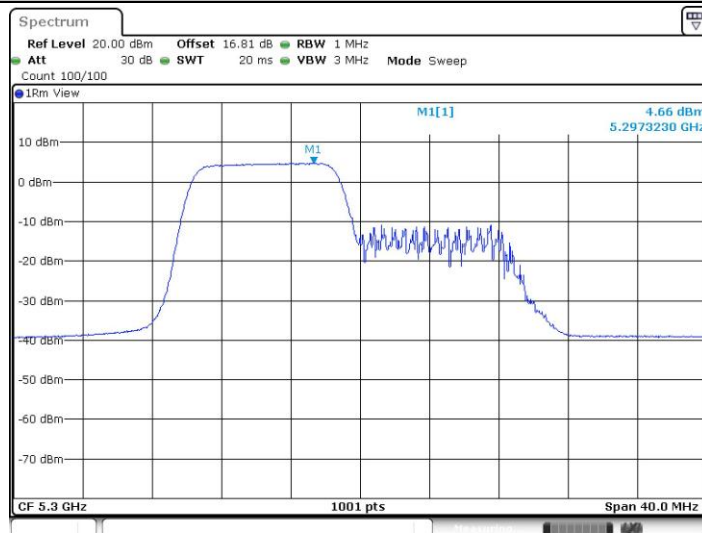


11AX20MIMO_Ant2_5300_52Tone_RU37

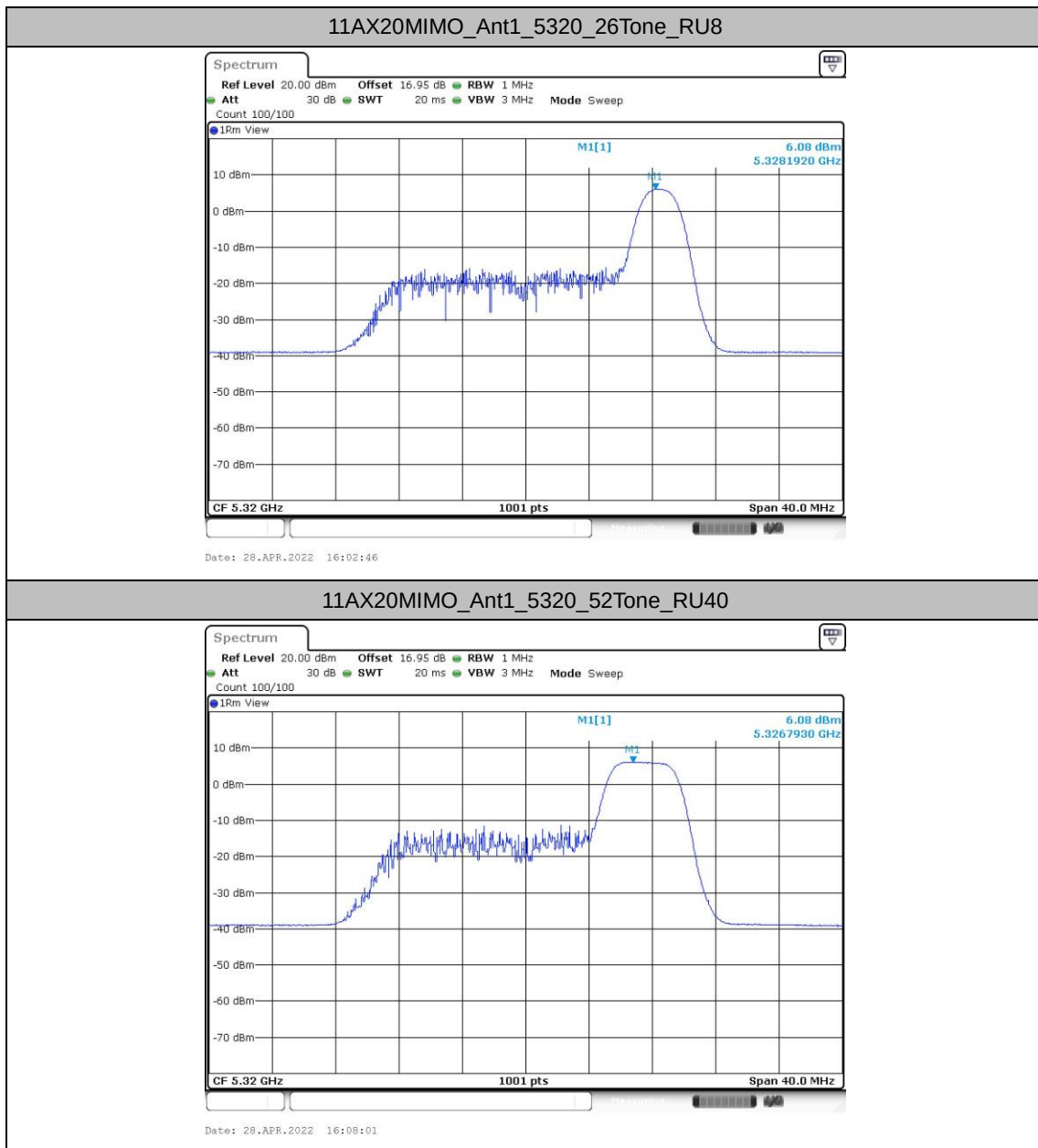


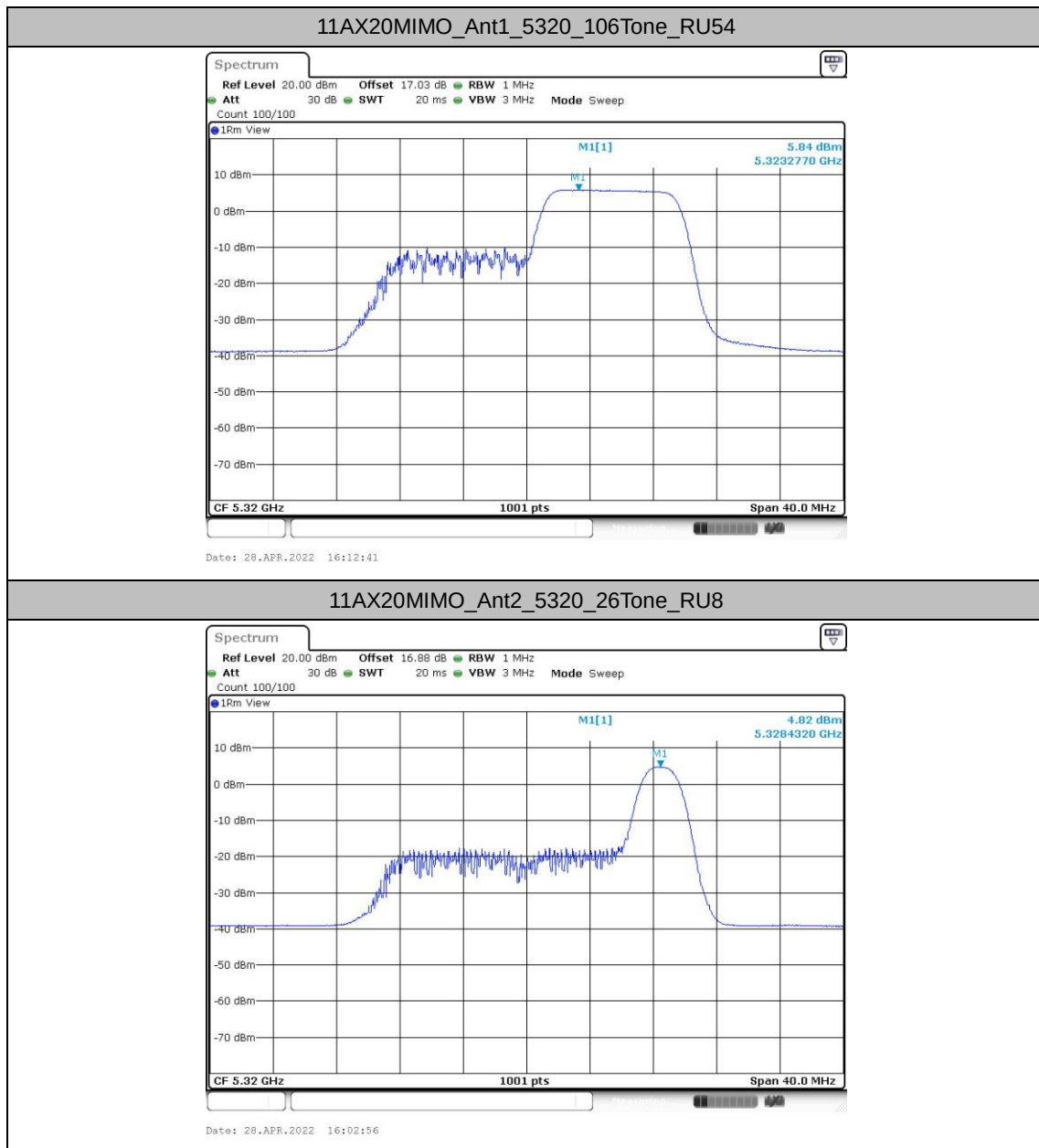
Date: 28.APR.2022 15:55:22

11AX20MIMO_Ant2_5300_106Tone_RU53



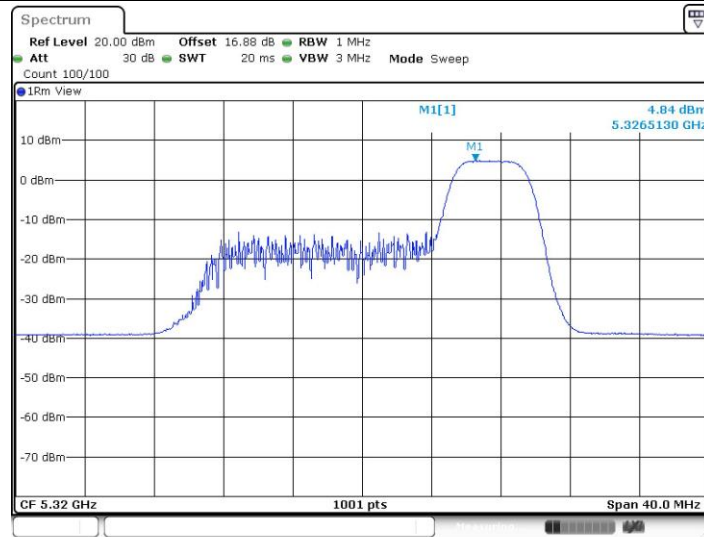
Date: 28.APR.2022 15:59:25





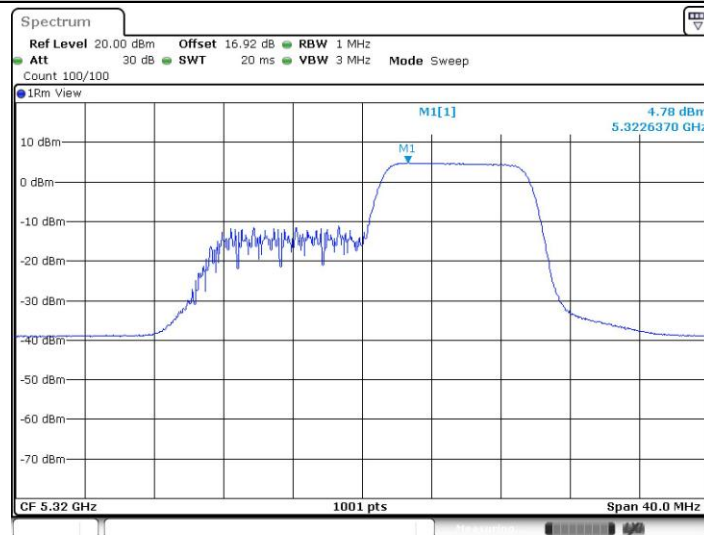


11AX20MIMO_Ant2_5320_52Tone_RU40

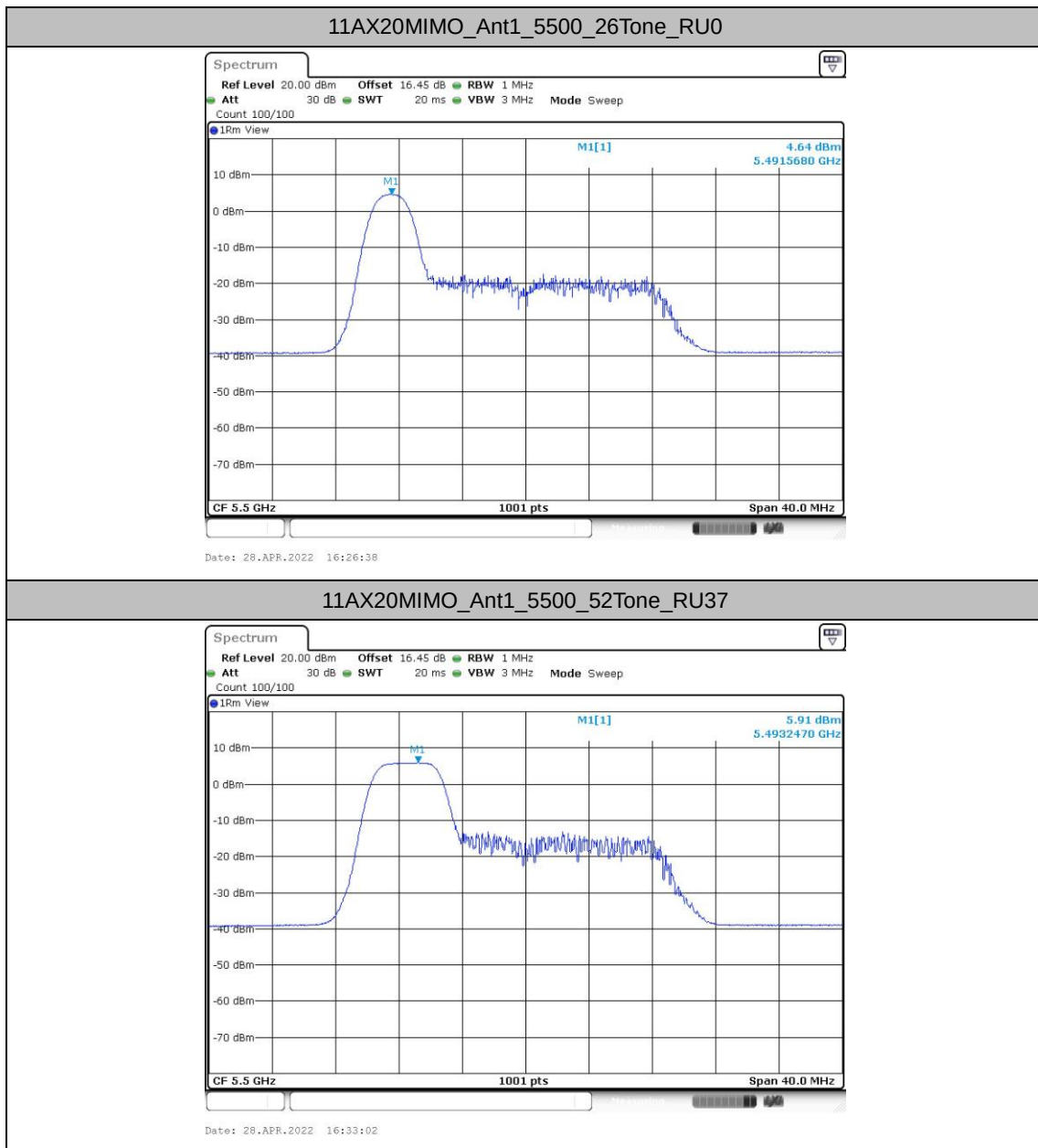


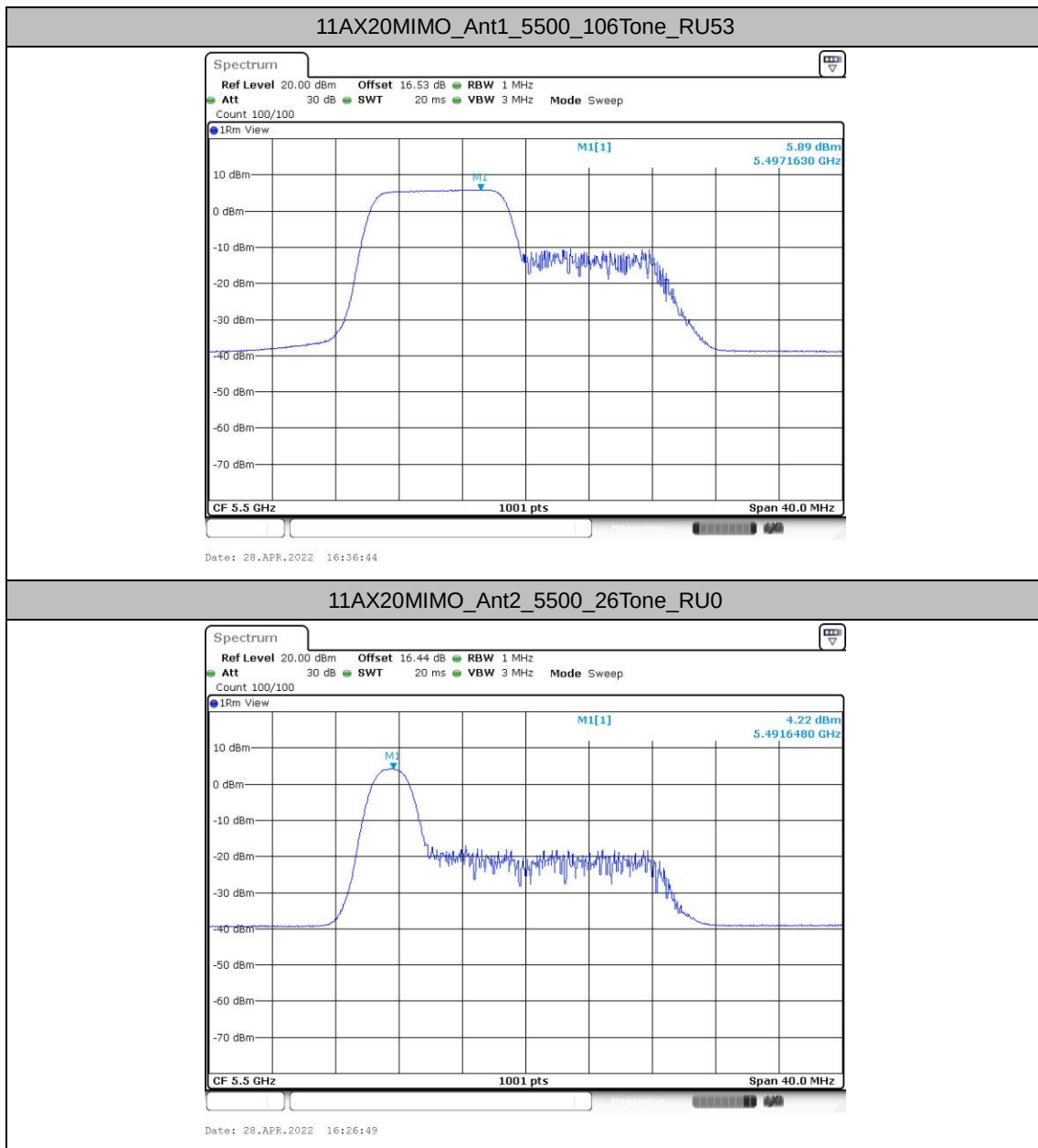
Date: 28.APR.2022 16:08:12

11AX20MIMO_Ant2_5320_106Tone_RU54



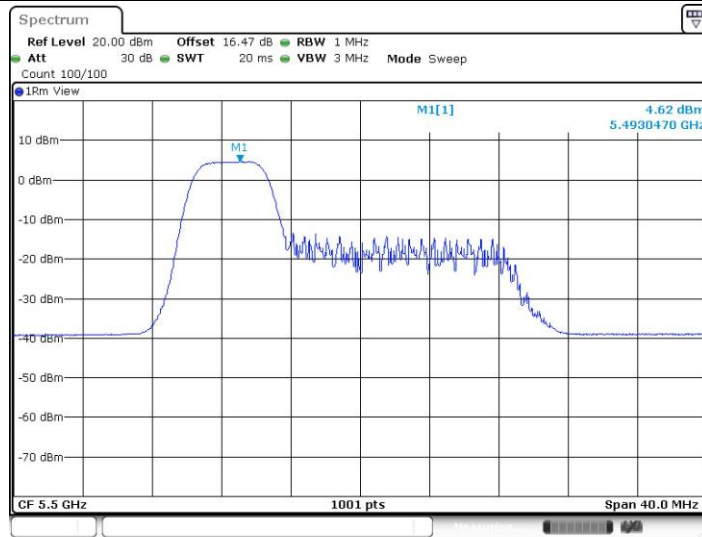
Date: 28.APR.2022 16:12:52





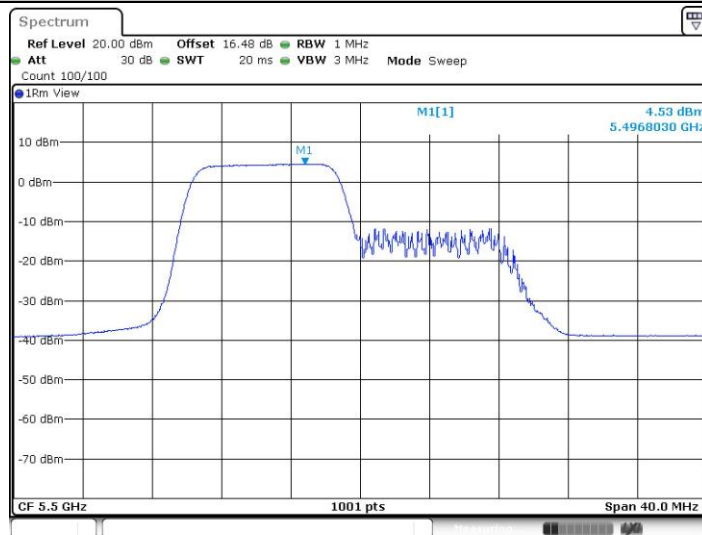


11AX20MIMO_Ant2_5500_52Tone_RU37

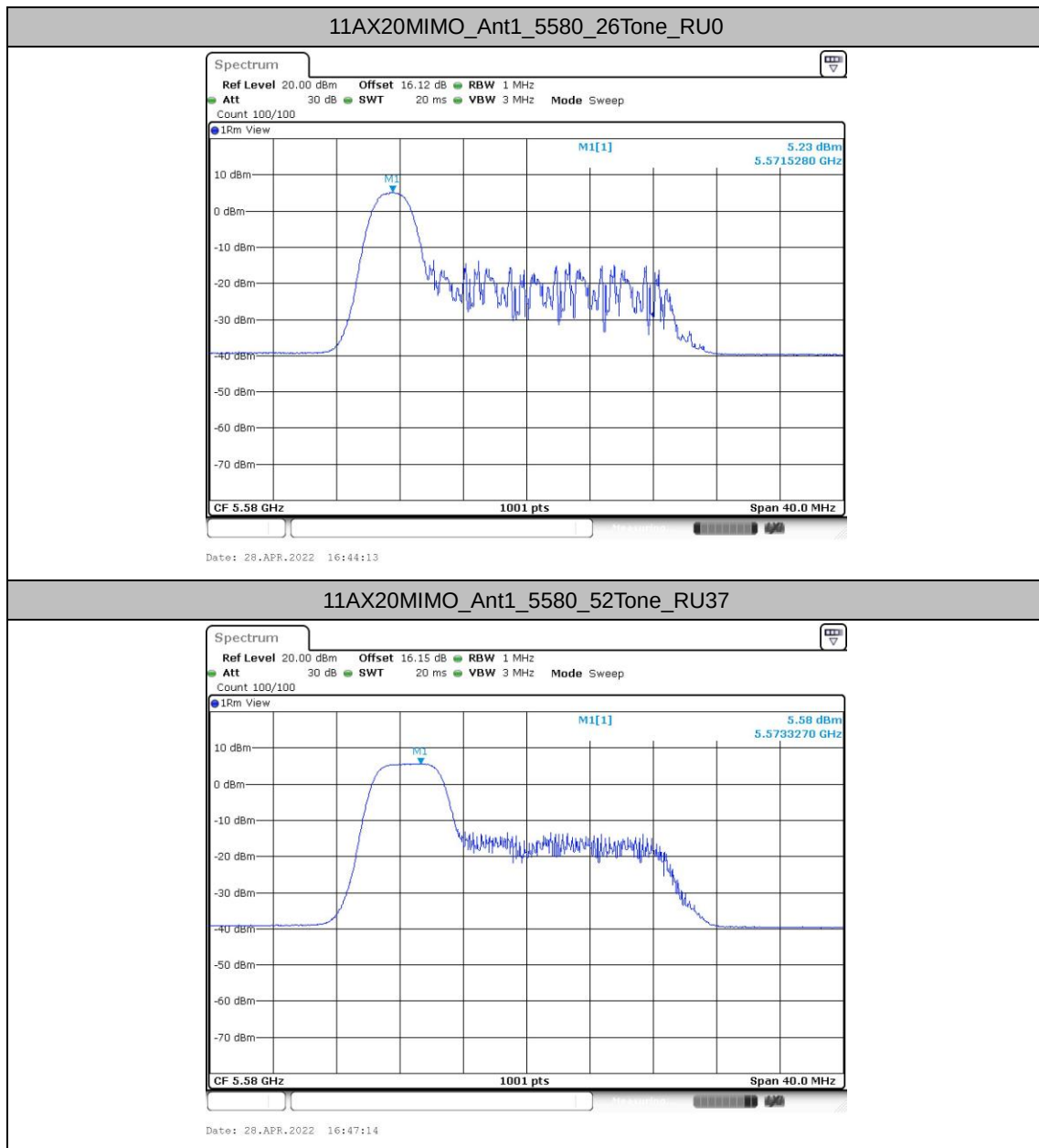


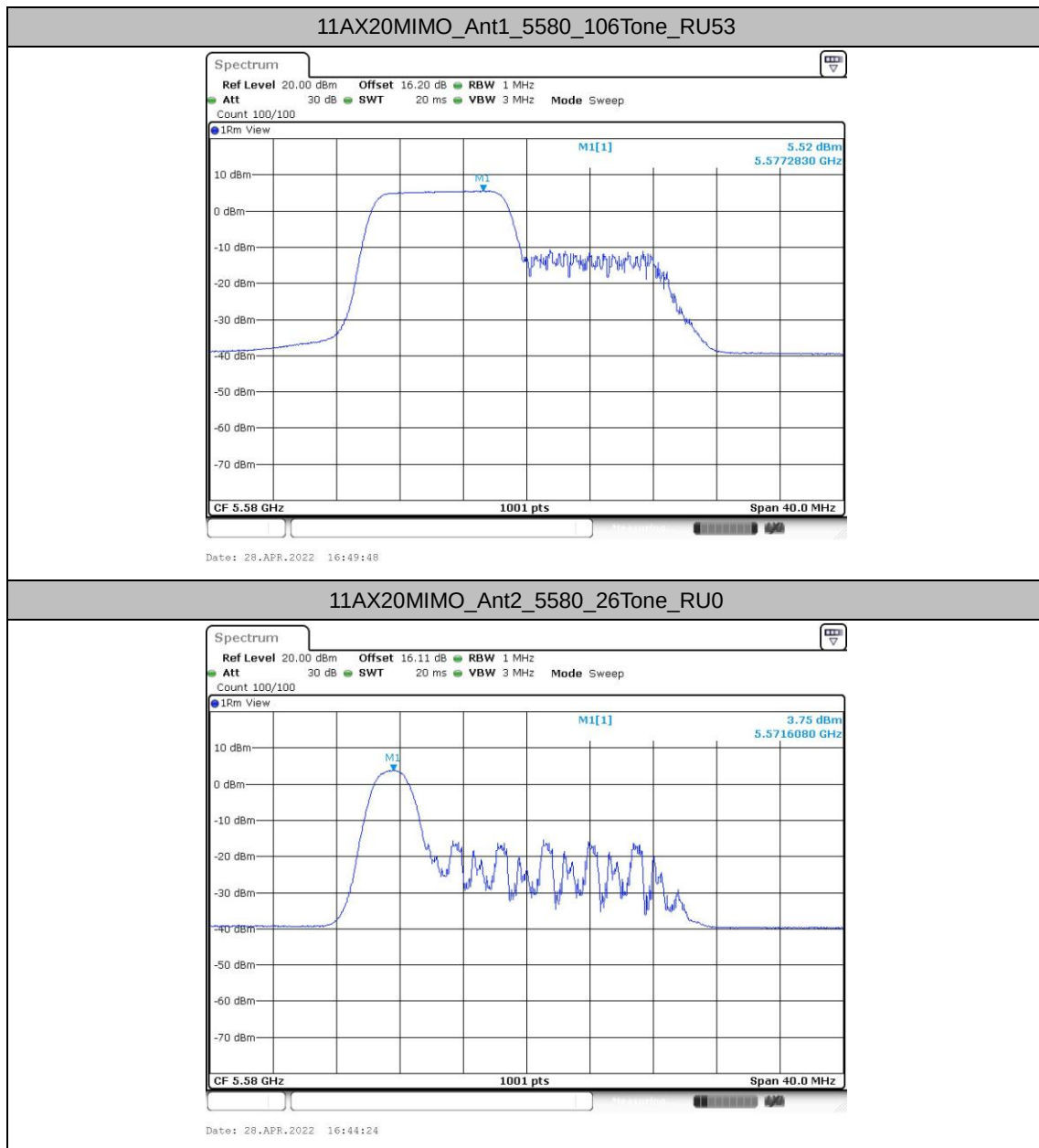
Date: 28.APR.2022 16:33:12

11AX20MIMO_Ant2_5500_106Tone_RU53



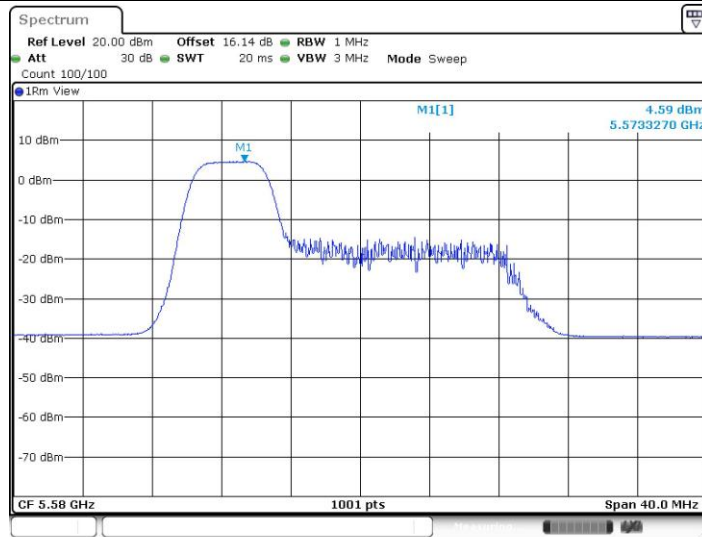
Date: 28.APR.2022 16:36:55





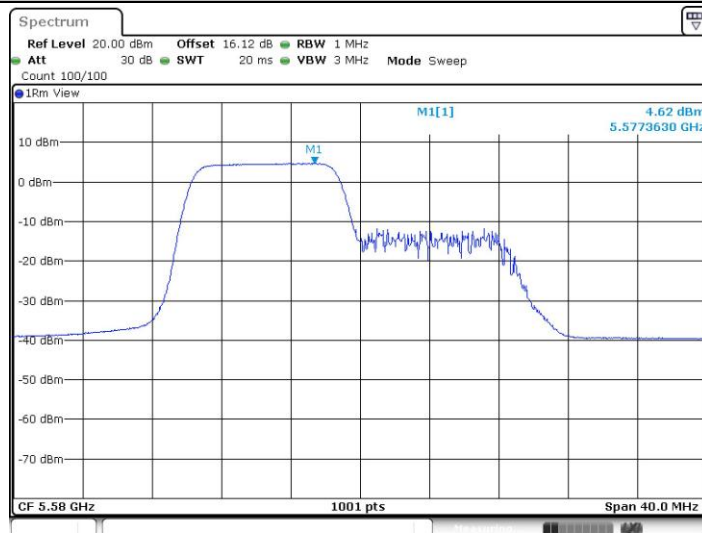


11AX20MIMO_Ant2_5580_52Tone_RU37

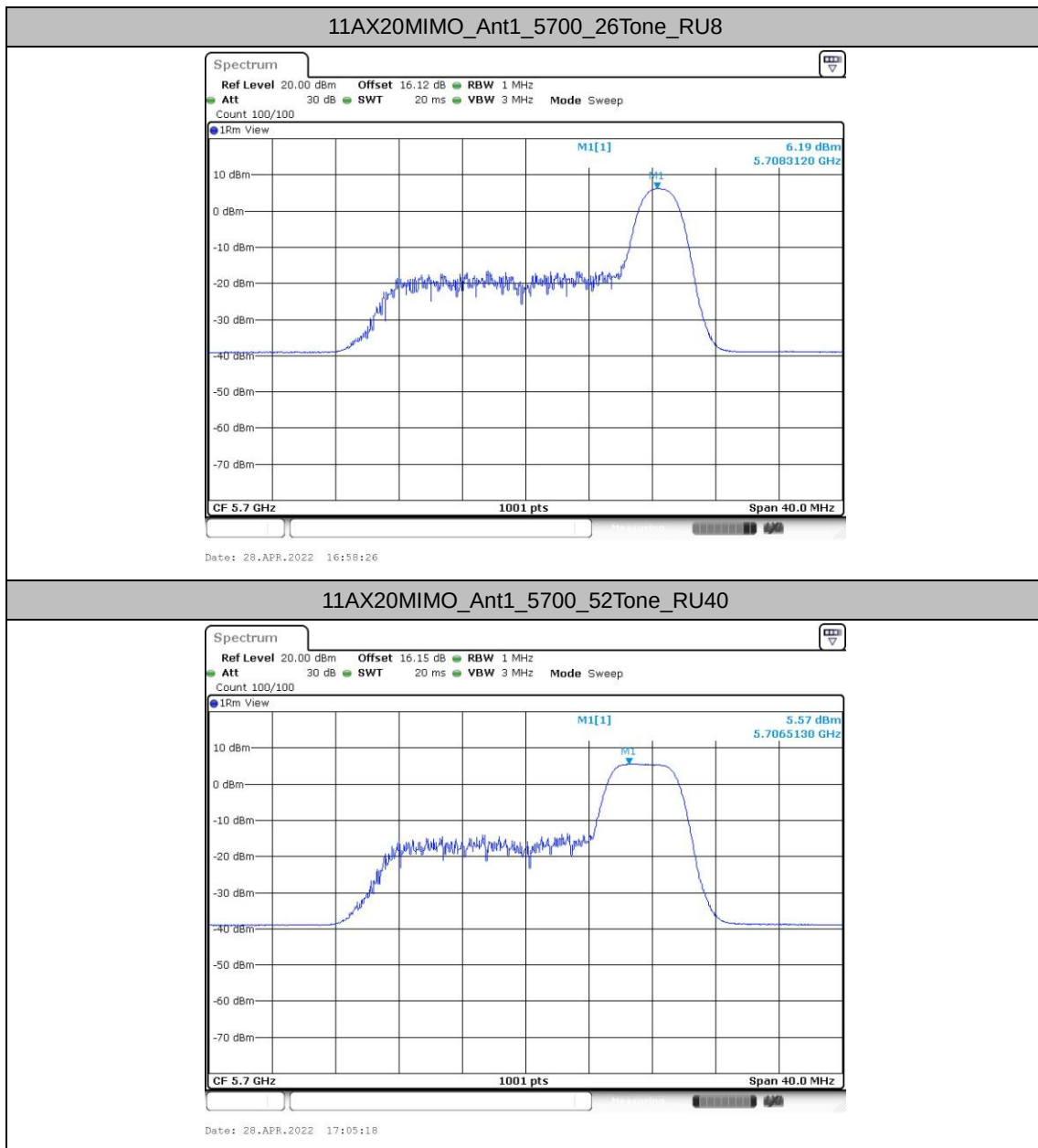


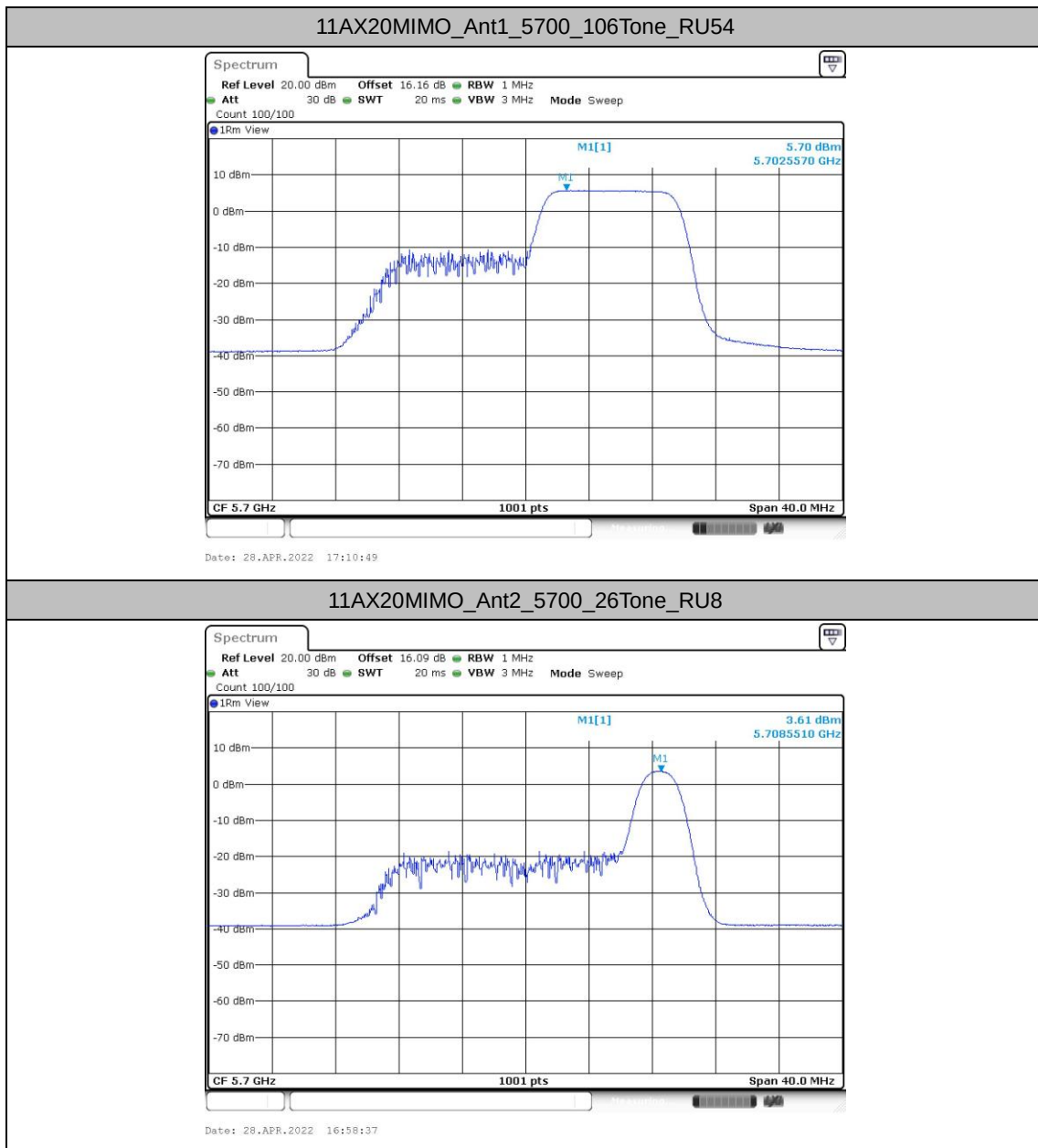
Date: 28.APR.2022 16:47:25

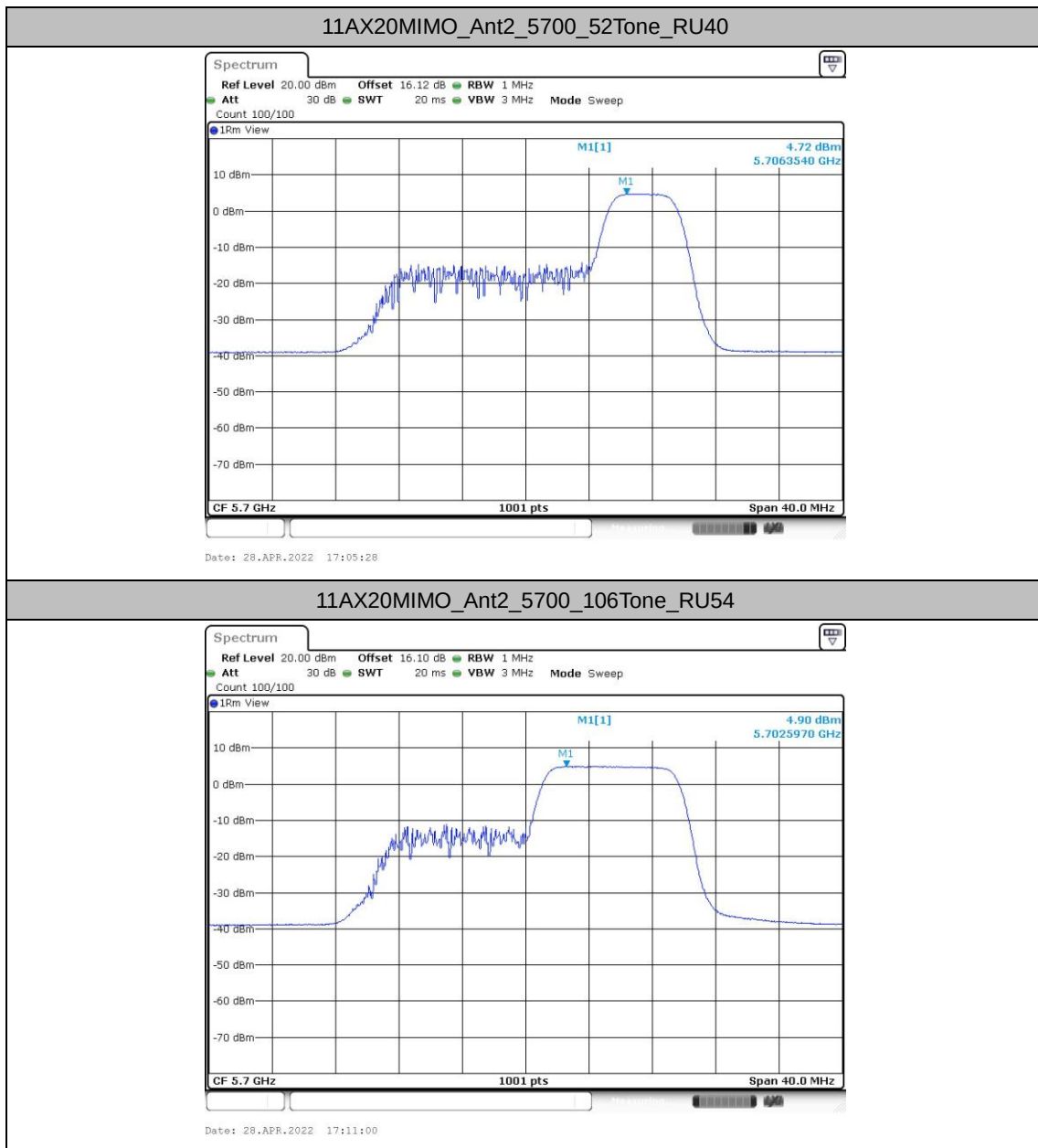
11AX20MIMO_Ant2_5580_106Tone_RU53



Date: 28.APR.2022 16:49:59



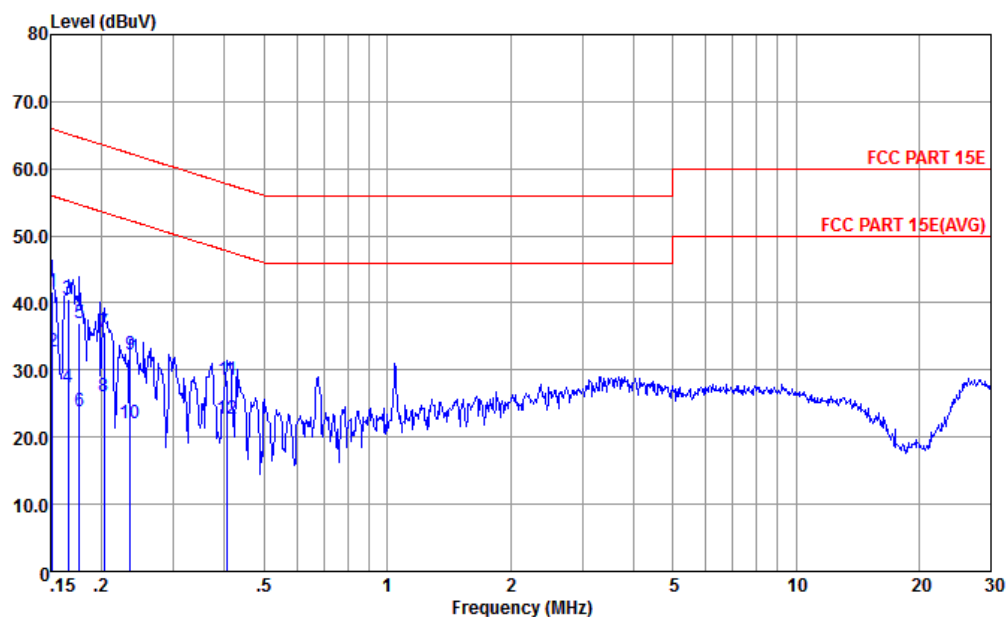






Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	24.2~25.6°C
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

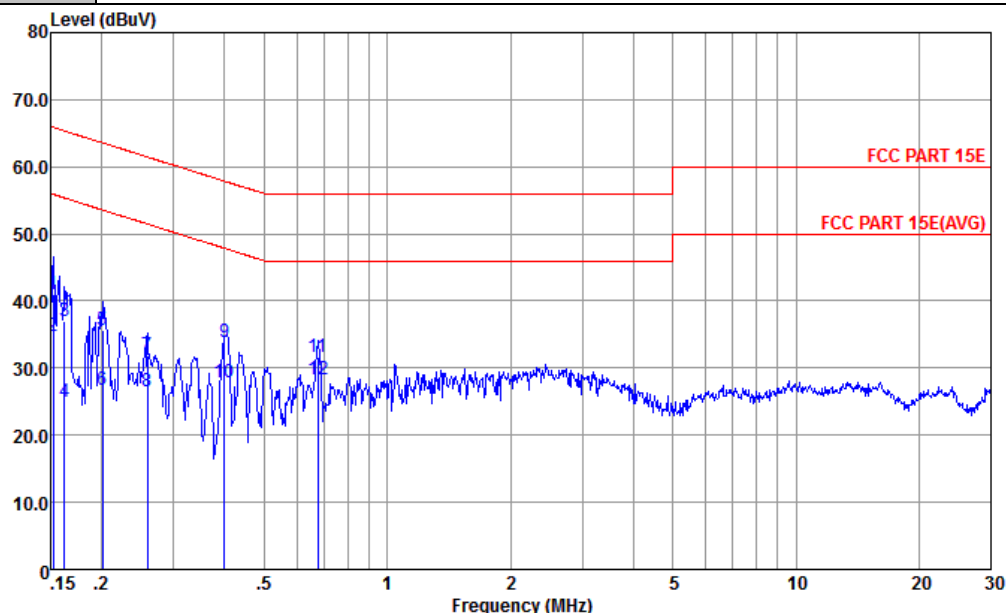


Site : CO01-KS
Condition : FCC PART 15E LISN-060105-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
		dBuV	dB	dBuV	dBuV	dB	dB	
1	0.152	41.60	-24.31	65.91	31.10	0.02	10.48	QP
2 *	0.152	32.70	-23.21	55.91	22.20	0.02	10.48	Average
3	0.166	40.67	-24.49	65.16	30.20	0.03	10.44	QP
4	0.166	27.37	-27.79	55.16	16.90	0.03	10.44	Average
5	0.177	37.05	-27.59	64.64	26.61	0.03	10.41	QP
6	0.177	23.75	-30.89	54.64	13.31	0.03	10.41	Average
7	0.203	35.70	-27.79	63.49	25.30	0.04	10.36	QP
8	0.203	26.00	-27.49	53.49	15.60	0.04	10.36	Average
9	0.235	32.29	-29.97	62.26	21.90	0.05	10.34	QP
10	0.235	21.99	-30.27	52.26	11.60	0.05	10.34	Average
11	0.406	28.55	-29.18	57.73	18.20	0.09	10.26	QP
12	0.406	22.65	-25.08	47.73	12.30	0.09	10.26	Average



Test Engineer :	Amos Zhang	Temperature :	24.2~25.6°C
		Relative Humidity :	37~39%
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 : FCC PART 15E LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1	0.152	41.08	-24.79	65.87	30.50	0.11	10.47	QP
2	0.152	34.78	-21.09	55.87	24.20	0.11	10.47	Average
3	0.162	37.05	-28.29	65.34	26.49	0.11	10.45	QP
4	0.162	24.85	-30.49	55.34	14.29	0.11	10.45	Average
5	0.201	35.76	-27.82	63.58	25.30	0.10	10.36	QP
6	0.201	26.76	-26.82	53.58	16.30	0.10	10.36	Average
7	0.259	31.93	-29.54	61.47	21.50	0.10	10.33	QP
8	0.259	26.63	-24.84	51.47	16.20	0.10	10.33	Average
9	0.400	33.87	-23.99	57.86	23.49	0.11	10.27	QP
10	0.400	27.87	-19.99	47.86	17.49	0.11	10.27	Average
11	0.675	31.55	-24.45	56.00	21.20	0.11	10.24	QP
12 *	0.675	28.25	-17.75	46.00	17.90	0.11	10.24	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

UNII-1- 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamplifier Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5141.28	59.42	-14.58	74	43.68	34.4	10.62	29.28	306	155	P	H
		5150	48.73	-5.27	54	33.02	34.4	10.62	29.31	306	155	A	H
	*	5176	108.3	-	-	92.54	34.47	10.63	29.34	306	155	P	H
	*	5176	100.74	-	-	84.98	34.47	10.63	29.34	306	155	A	H
		5148.16	64.38	-9.62	74	48.67	34.4	10.62	29.31	312	164	P	V
		5150	50.96	-3.04	54	35.25	34.4	10.62	29.31	312	164	A	V
	*	5176	114.76	-	-	99	34.47	10.63	29.34	312	164	P	V
	*	5176	107.97	-	-	92.21	34.47	10.63	29.34	312	164	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 36 5180MHz		10355	44.89	-23.41	68.3	58.43	37.39	15.55	66.48	100	0	P	H
		10355	44.06	-24.24	68.3	57.6	37.39	15.55	66.48	300	0	P	V
802.11a CH 44 5220MHz		10440	43.63	-24.67	68.3	56.28	37.48	16.25	66.38	100	360	P	H
		10440	44.06	-24.24	68.3	56.71	37.48	16.25	66.38	100	0	P	V
802.11a CH 48 5240MHz		10480	44.19	-24.11	68.3	56.69	37.54	16.28	66.32	300	0	P	H
		10480	44.34	-23.96	68.3	56.84	37.54	16.28	66.32	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 36 5180MHz		5144.96	59.1	-14.9	74	43.39	34.4	10.62	29.31	213	145	P	H
		5149.44	48.04	-5.96	54	32.33	34.4	10.62	29.31	213	145	A	H
	*	5176	105.46	-	-	89.7	34.47	10.63	29.34	213	145	P	H
	*	5176	97.14	-	-	81.38	34.47	10.63	29.34	213	145	A	H
		5143.04	60.21	-13.79	74	44.47	34.4	10.62	29.28	304	174	P	V
		5150	50.42	-3.58	54	34.71	34.4	10.62	29.31	304	174	A	V
	*	5176	113.56	-	-	97.8	34.47	10.63	29.34	304	174	P	V
	*	5176	104.79	-	-	89.03	34.47	10.63	29.34	304	174	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		10360	44.56	-23.74	68.3	57.41	37.41	16.2	66.46	300	0	P	H
CH 36 5180MHz		10360	43.88	-24.42	68.3	56.73	37.41	16.2	66.46	100	0	P	V
802.11ax HE20 Full		10440	44.3	-24	68.3	56.95	37.48	16.25	66.38	300	0	P	H
CH 44 5220MHz		10440	43.56	-24.74	68.3	56.21	37.48	16.25	66.38	100	0	P	V
802.11ax HE20 Full		10480	44.4	-23.9	68.3	56.9	37.54	16.28	66.32	300	0	P	H
CH 48 5240MHz		10480	43.63	-24.67	68.3	56.13	37.54	16.28	66.32	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 36 5180MHz		5149.76	59.03	-14.97	74	43.32	34.4	10.62	29.31	293	328	P	H
		5147.04	48.48	-5.52	54	32.77	34.4	10.62	29.31	293	328	A	H
	*	5170	116.15	-	-	100.43	34.43	10.63	29.34	293	328	P	H
	*	5170	108.33	-	-	92.61	34.43	10.63	29.34	293	328	A	H
		5146.88	64.8	-9.2	74	49.09	34.4	10.62	29.31	100	334	P	V
		5146.56	50.86	-3.14	54	35.15	34.4	10.62	29.31	100	334	A	V
	*	5170	122.51	-	-	106.79	34.43	10.63	29.34	100	334	P	V
	*	5170	114.43	-	-	98.71	34.43	10.63	29.34	100	334	A	V
802.11ax HE20 Partial 26/8 CH 48 5240MHz		5355	56.12	-17.88	74	40.31	34.5	10.83	29.52	100	0	P	H
		5350.14	46.16	-7.84	54	30.35	34.5	10.83	29.52	100	0	A	H
	*	5248	114.68	-	-	98.9	34.5	10.7	29.42	100	0	P	H
	*	5248	107.88	-	-	92.1	34.5	10.7	29.42	100	0	A	H
		5381.28	56.72	-17.28	74	40.9	34.5	10.87	29.55	150	20	P	V
		5351.22	47.17	-6.83	54	31.36	34.5	10.83	29.52	150	20	A	V
	*	5248	123.78	-	-	108	34.5	10.7	29.42	150	20	P	V
	*	5248	114.8	-	-	99.02	34.5	10.7	29.42	150	20	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 36 5180MHz		5121.92	58.88	-15.12	74	43.22	34.33	10.61	29.28	312	150	P	H
		5105.28	48.09	-5.91	54	32.45	34.3	10.6	29.26	312	150	A	H
	*	5170	110.74	-	-	95.02	34.43	10.63	29.34	312	150	P	H
	*	5170	102.6	-	-	86.88	34.43	10.63	29.34	312	150	A	H
		5138.72	59.9	-14.1	74	44.2	34.37	10.61	29.28	263	173	P	V
		5149.76	49.84	-4.16	54	34.13	34.4	10.62	29.31	263	173	A	V
	*	5170	118.27	-	-	102.55	34.43	10.63	29.34	263	173	P	V
	*	5170	110.9	-	-	95.18	34.43	10.63	29.34	263	173	A	V
802.11ax HE20 Partial 52/40 CH 48 5240MHz		5370.12	56.31	-17.69	74	40.48	34.5	10.85	29.52	112	79	P	H
		5350.14	46.29	-7.71	54	30.48	34.5	10.83	29.52	112	79	A	H
	*	5248	109.29	-	-	93.51	34.5	10.7	29.42	112	79	P	H
	*	5248	101.32	-	-	85.54	34.5	10.7	29.42	112	79	A	H
		5355.72	56.92	-17.08	74	41.11	34.5	10.83	29.52	263	171	P	V
		5352.48	46.81	-7.19	54	31	34.5	10.83	29.52	263	171	A	V
	*	5248	116.87	-	-	101.09	34.5	10.7	29.42	263	171	P	V
	*	5248	109.73	-	-	93.95	34.5	10.7	29.42	263	171	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 36 5180MHz		5145.44	57.78	-16.22	74	42.07	34.4	10.62	29.31	100	33	P	H
		5149.98	47.87	-6.13	54	32.16	34.4	10.62	29.31	100	33	A	H
	*	5176	108.05	-	-	92.29	34.47	10.63	29.34	100	33	P	H
	*	5176	98.78	-	-	83.02	34.47	10.63	29.34	100	33	A	H
		5149.92	60.23	-13.77	74	44.52	34.4	10.62	29.31	287	349	P	V
		5150	50.33	-3.67	54	34.62	34.4	10.62	29.31	287	349	A	V
	*	5176	119.17	-	-	103.41	34.47	10.63	29.34	287	349	P	V
	*	5176	112.03	-	-	96.27	34.47	10.63	29.34	287	349	A	V
802.11ax HE20 Partial 106/54 CH 48 5240MHz		5368.14	56.08	-17.92	74	40.25	34.5	10.85	29.52	314	129	P	H
		5350.86	46.15	-7.85	54	30.34	34.5	10.83	29.52	314	129	A	H
	*	5242	110.14	-	-	94.33	34.5	10.7	29.39	314	129	P	H
	*	5242	101.82	-	-	86.01	34.5	10.7	29.39	314	129	A	H
		5356.98	57.23	-16.77	74	41.42	34.5	10.83	29.52	247	177	P	V
		5352.3	47.27	-6.73	54	31.46	34.5	10.83	29.52	247	177	A	V
	*	5242	117.94	-	-	102.13	34.5	10.7	29.39	247	177	P	V
	*	5242	109.48	-	-	93.67	34.5	10.7	29.39	247	177	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full CH 38 5190MHz		5149.44	58.59	-15.41	74	42.88	34.4	10.62	29.31	306	332	P	H
		5149.98	48.39	-5.61	54	32.68	34.4	10.62	29.31	306	332	A	H
	*	5194	98.9	-	-	83.1	34.5	10.64	29.34	306	332	P	H
	*	5194	90.44	-	-	74.64	34.5	10.64	29.34	306	332	A	H
		5369.76	56.29	-17.71	74	40.46	34.5	10.85	29.52	306	332	P	H
		5351.4	45.93	-8.07	54	30.12	34.5	10.83	29.52	306	332	A	H
		5145.6	61.93	-12.07	74	46.22	34.4	10.62	29.31	298	360	P	V
		5150	50.95	-3.05	54	35.24	34.4	10.62	29.31	298	360	A	V
	*	5188	106.55	-	-	90.79	34.47	10.63	29.34	298	360	P	V
	*	5188	98.35	-	-	82.59	34.47	10.63	29.34	298	360	A	V
		5363.1	55.88	-18.12	74	40.05	34.5	10.85	29.52	298	360	P	V
		5353.74	46.26	-7.74	54	30.45	34.5	10.83	29.52	298	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full		10380	43.72	-24.58	68.3	56.52	37.43	16.21	66.44	300	0	P	H
CH 38 5190MHz		10380	44.37	-23.93	68.3	57.17	37.43	16.21	66.44	100	0	P	V
802.11ax HE40 Full		10460	45.91	-22.39	68.3	58.51	37.5	16.26	66.36	300	0	P	H
CH 46 5230MHz		10460	44.44	-23.86	68.3	57.04	37.5	16.26	66.36	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 42 5210MHz		5139.36	58.25	-15.75	74	42.55	34.37	10.61	29.28	301	323	P	H
		5146.72	47.91	-6.09	54	32.2	34.4	10.62	29.31	301	323	A	H
	*	5218	95.71	-	-	79.91	34.5	10.66	29.36	301	323	P	H
	*	5218	85.74	-	-	69.94	34.5	10.66	29.36	301	323	A	H
		5359.14	56.2	-17.8	74	40.39	34.5	10.83	29.52	301	323	P	H
		5352.84	45.81	-8.19	54	30	34.5	10.83	29.52	301	323	A	H
		5148.64	62.22	-11.78	74	46.51	34.4	10.62	29.31	251	355	P	V
		5149.92	50.3	-3.7	54	34.59	34.4	10.62	29.31	251	355	A	V
	*	5188	103.12	-	-	87.36	34.47	10.63	29.34	251	355	P	V
	*	5188	93.75	-	-	77.99	34.47	10.63	29.34	251	355	A	V
		5386.68	56.71	-17.29	74	40.89	34.5	10.87	29.55	251	355	P	V
		5351.94	46.36	-7.64	54	30.55	34.5	10.83	29.52	251	355	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-15150~5250MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		10421	43.1	-25.2	68.3	55.79	37.47	16.24	66.4	100	360	P	H
CH 42 5210MHz		10421	43.26	-25.04	68.3	55.95	37.47	16.24	66.4	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE160 Full CH 50 5250MHz		5140	58.95	-15.05	74	43.21	34.4	10.62	29.28	187	305	P	H
		5100.32	48.1	-5.9	54	32.46	34.3	10.6	29.26	187	305	A	H
	*	5266	92.17	-	-	76.37	34.5	10.72	29.42	187	305	P	H
	*	5266	84.15	-	-	68.35	34.5	10.72	29.42	187	305	A	H
		5362	56.04	-17.96	74	40.21	34.5	10.85	29.52	187	305	P	H
		5351.1	46.14	-7.86	54	30.33	34.5	10.83	29.52	187	305	A	H
		5146.4	59.09	-14.91	74	43.38	34.4	10.62	29.31	240	355	P	V
		5147.52	49.23	-4.77	54	33.52	34.4	10.62	29.31	240	355	A	V
	*	5284	98.94	-	-	83.14	34.5	10.74	29.44	240	355	P	V
	*	5284	89.76	-	-	73.96	34.5	10.74	29.44	240	355	A	V
		5372.4	57.18	-16.82	74	41.35	34.5	10.85	29.52	240	355	P	V
		5351.7	46.76	-7.24	54	30.95	34.5	10.83	29.52	240	355	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE160 Full		10498	43.9	-24.4	68.3	57.02	37.56	15.63	66.31	300	0	P	H
CH 50 5250MHz		10498	44.09	-24.21	68.3	57.21	37.56	15.63	66.31	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 64 5320MHz		5354.8	56.37	-17.63	74	40.56	34.5	10.83	29.52	323	129	P	H
		5352.1	46.75	-7.25	54	30.94	34.5	10.83	29.52	323	129	A	H
	*	5314	106.32	-	-	90.5	34.5	10.79	29.47	323	129	P	H
	*	5314	99.34	-	-	83.52	34.5	10.79	29.47	323	129	A	H
		5351.4	60.42	-13.58	74	44.61	34.5	10.83	29.52	300	173	P	V
		5350.1	50.29	-3.71	54	34.48	34.5	10.83	29.52	300	173	A	V
	*	5320	114.2	-	-	98.38	34.5	10.79	29.47	300	173	P	V
	*	5320	106.85	-	-	91.03	34.5	10.79	29.47	300	173	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 52 5260MHz		10520	45.64	-22.66	68.3	58.05	37.58	16.3	66.29	300	0	P	H
		10520	44.66	-23.64	68.3	57.07	37.58	16.3	66.29	100	0	P	V
802.11a CH 60 5300MHz		10600	44.52	-29.48	74	56.69	37.67	16.35	66.19	300	0	P	H
		10600	44.94	-29.06	74	57.11	37.67	16.35	66.19	100	0	P	V
802.11a CH 64 5320MHz		10640	43.54	-30.46	74	55.6	37.71	16.38	66.15	300	0	P	H
		10640	45.09	-28.91	74	57.15	37.71	16.38	66.15	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz		5356.2	58.51	-15.49	74	42.7	34.5	10.83	29.52	201	122	P	H
		5350	47.56	-6.44	54	31.75	34.5	10.83	29.52	201	122	A	H
	*	5326	108.33	-	-	92.53	34.5	10.79	29.49	201	122	P	H
	*	5326	98.81	-	-	83.01	34.5	10.79	29.49	201	122	A	H
		5351.7	63.14	-10.86	74	47.33	34.5	10.83	29.52	248	174	P	V
		5350	50.6	-3.4	54	34.79	34.5	10.83	29.52	248	174	A	V
	*	5326	113.15	-	-	97.35	34.5	10.79	29.49	248	174	P	V
	*	5326	105.12	-	-	89.32	34.5	10.79	29.49	248	174	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		10520	44.48	-23.82	68.3	56.89	37.58	16.3	66.29	300	0	P	H
CH 52 5260MHz		10520	43.82	-24.48	68.3	56.23	37.58	16.3	66.29	100	0	P	V
802.11ax HE20 Full		10600	43.76	-30.24	74	55.93	37.67	16.35	66.19	300	0	P	H
CH 60 5300MHz		10600.01	43.82	-30.18	74	55.99	37.67	16.35	66.19	100	0	P	V
802.11ax HE20 Full		10641	44.51	-29.49	74	56.57	37.71	16.38	66.15	300	0	P	H
CH 64 5320MHz		10641	44.53	-29.47	74	56.59	37.71	16.38	66.15	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 52 5260MHz		5120.64	58.19	-15.81	74	42.53	34.33	10.61	29.28	100	0	P	H
		5103.84	48.09	-5.91	54	32.45	34.3	10.6	29.26	100	0	A	H
	*	5254	115.03	-	-	99.25	34.5	10.7	29.42	100	0	P	H
	*	5254	107.81	-	-	92.03	34.5	10.7	29.42	100	0	A	H
		5118.24	60.19	-13.81	74	44.51	34.33	10.61	29.26	100	30	P	V
		5145.76	48.72	-5.28	54	33.01	34.4	10.62	29.31	100	30	A	V
	*	5254	123.82	-	-	108.04	34.5	10.7	29.42	100	30	P	V
	*	5254	115.18	-	-	99.4	34.5	10.7	29.42	100	30	A	V
802.11ax HE20 Partial 26/8 CH 64 5320MHz		5353.6	61.6	-12.4	74	45.79	34.5	10.83	29.52	100	15	P	H
		5353.6	47.29	-6.71	54	31.48	34.5	10.83	29.52	100	15	A	H
	*	5326	113.74	-	-	97.94	34.5	10.79	29.49	100	15	P	H
	*	5326	107.37	-	-	91.57	34.5	10.79	29.49	100	15	A	H
		5354.7	65.9	-8.1	74	50.09	34.5	10.83	29.52	200	80	P	V
		5353.7	50.73	-3.27	54	34.92	34.5	10.83	29.52	200	80	A	V
	*	5326	122.28	-	-	106.48	34.5	10.79	29.49	200	80	P	V
	*	5326	114.22	-	-	98.42	34.5	10.79	29.49	200	80	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 52 5260MHz		5123.36	58.89	-15.11	74	43.19	34.37	10.61	29.28	123	79	P	H
		5105.92	48.07	-5.93	54	32.39	34.33	10.61	29.26	123	79	A	H
	*	5254	111.36	-	-	95.58	34.5	10.7	29.42	123	79	P	H
	*	5254	102.01	-	-	86.23	34.5	10.7	29.42	123	79	A	H
		5128.48	59.29	-14.71	74	43.59	34.37	10.61	29.28	247	171	P	V
		5104.8	48.57	-5.43	54	32.93	34.3	10.6	29.26	247	171	A	V
	*	5254	118.85	-	-	103.07	34.5	10.7	29.42	247	171	P	V
	*	5254	105.95	-	-	90.17	34.5	10.7	29.42	247	171	A	V
802.11ax HE20 Partial 52/40 CH 64 5320MHz		5351.7	57.68	-16.32	74	41.87	34.5	10.83	29.52	100	121	P	H
		5350	47.61	-6.39	54	31.8	34.5	10.83	29.52	100	121	A	H
	*	5326	113.31	-	-	97.51	34.5	10.79	29.49	100	121	P	H
	*	5326	104.94	-	-	89.14	34.5	10.79	29.49	100	121	A	H
		5351	58.68	-15.32	74	42.87	34.5	10.83	29.52	252	172	P	V
		5350	48.63	-5.37	54	32.82	34.5	10.83	29.52	252	172	A	V
	*	5326	118.23	-	-	102.43	34.5	10.79	29.49	252	172	P	V
	*	5326	110.12	-	-	94.32	34.5	10.79	29.49	252	172	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 52 5260MHz		5121.12	59.07	-14.93	74	43.41	34.33	10.61	29.28	125	84	P	H
		5102.08	48.14	-5.86	54	32.5	34.3	10.6	29.26	125	84	A	H
	*	5254	110.2	-	-	94.42	34.5	10.7	29.42	125	84	P	H
	*	5254	102.32	-	-	86.54	34.5	10.7	29.42	125	84	A	H
		5138.4	59.23	-14.77	74	43.53	34.37	10.61	29.28	247	177	P	V
		5146.56	48.73	-5.27	54	33.02	34.4	10.62	29.31	247	177	A	V
	*	5260	118.3	-	-	102.5	34.5	10.72	29.42	247	177	P	V
	*	5260	110.22	-	-	94.42	34.5	10.72	29.42	247	177	A	V
802.11ax HE20 Partial 106/54 CH 64 5320MHz		5384.2	57.19	-16.81	74	41.37	34.5	10.87	29.55	100	65	P	H
		5350	47.03	-6.97	54	31.22	34.5	10.83	29.52	100	65	A	H
	*	5326	110.56	-	-	94.76	34.5	10.79	29.49	100	65	P	H
	*	5326	101.63	-	-	85.83	34.5	10.79	29.49	100	65	A	H
		5351	64.36	-9.64	74	48.55	34.5	10.83	29.52	238	180	P	V
		5350	49.63	-4.37	54	33.82	34.5	10.83	29.52	238	180	A	V
	*	5326	117.17	-	-	101.37	34.5	10.79	29.49	238	180	P	V
	*	5326	109.46	-	-	93.66	34.5	10.79	29.49	238	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full CH 62 5310MHz		5119.52	58.67	-15.33	74	43.01	34.33	10.61	29.28	240	331	P	H
		5106.24	48.06	-5.94	54	32.38	34.33	10.61	29.26	240	331	A	H
	*	5314	101.91	-	-	86.09	34.5	10.79	29.47	240	331	P	H
	*	5314	93.01	-	-	77.19	34.5	10.79	29.47	240	331	A	H
		5355.4	57.04	-16.96	74	41.23	34.5	10.83	29.52	240	331	P	H
		5350.1	46.56	-7.44	54	30.75	34.5	10.83	29.52	240	331	A	H
		5147.2	59.12	-14.88	74	43.41	34.4	10.62	29.31	247	0	P	V
		5105.92	48.41	-5.59	54	32.73	34.33	10.61	29.26	247	0	A	V
	*	5314	108.83	-	-	93.01	34.5	10.79	29.47	247	0	P	V
	*	5314	100.04	-	-	84.22	34.5	10.79	29.47	247	0	A	V
		5355.1	59.31	-14.69	74	43.5	34.5	10.83	29.52	247	0	P	V
		5350.4	48.68	-5.32	54	32.87	34.5	10.83	29.52	247	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-2A 5250~5350MHz****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full		10540	43.72	-24.58	68.3	56.08	37.6	16.31	66.27	300	0	P	H
CH 54 5270MHz		10540	44.8	-23.5	68.3	57.16	37.6	16.31	66.27	100	0	P	V
802.11ax HE40 Full		10620	43.81	-30.19	74	55.93	37.69	16.36	66.17	300	0	P	H
CH 62 5310MHz		10620	43.49	-30.51	74	55.61	37.69	16.36	66.17	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2A 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		5118.24	58.51	-15.49	74	42.83	34.33	10.61	29.26	100	346	P	H
		5102.72	48.08	-5.92	54	32.44	34.3	10.6	29.26	100	346	A	H
	*	5290	98.45	-	-	82.65	34.5	10.74	29.44	100	346	P	H
	*	5290	89.17	-	-	73.37	34.5	10.74	29.44	100	346	A	H
		5379.8	56.79	-17.21	74	40.97	34.5	10.87	29.55	100	346	P	H
		5350.3	46.64	-7.36	54	30.83	34.5	10.83	29.52	100	346	A	H
		5120.48	59.17	-14.83	74	43.51	34.33	10.61	29.28	237	355	P	V
		5115.52	48.56	-5.44	54	32.88	34.33	10.61	29.26	237	355	A	V
	*	5308	105.57	-	-	89.77	34.5	10.77	29.47	237	355	P	V
	*	5308	96.95	-	-	81.15	34.5	10.77	29.47	237	355	A	V
		5369.3	62.16	-11.84	74	46.33	34.5	10.85	29.52	237	355	P	V
		5350.1	49.39	-4.61	54	33.58	34.5	10.83	29.52	237	355	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		10575	43.19	-25.11	68.3	55.46	37.63	16.33	66.23	100	360	P	H
CH 58 5290MHz		10575	42.93	-25.37	68.3	55.2	37.63	16.33	66.23	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 100 5500MHz		5447.6	55.8	-18.2	74	39.9	34.53	10.97	29.6	301	227	P	H
		5464.24	56.36	-11.94	68.3	40.47	34.53	10.99	29.63	301	227	P	H
		5459.6	46.25	-7.75	54	30.38	34.53	10.97	29.63	301	227	A	H
	*	5506	97.11	-	-	81.2	34.55	11.04	29.68	301	227	P	H
	*	5506	89.26	-	-	73.35	34.55	11.04	29.68	301	227	A	H
		5447.6	57.96	-16.04	74	42.06	34.53	10.97	29.6	301	136	P	V
		5469.04	59.61	-8.69	68.3	43.72	34.53	10.99	29.63	301	136	P	V
		5459.28	48.09	-5.91	54	32.22	34.53	10.97	29.63	301	136	A	V
	*	5500	113.06	-	-	97.12	34.55	11.04	29.65	301	136	P	V
	*	5500	106.02	-	-	90.08	34.55	11.04	29.65	301	136	A	V
802.11a CH 140 5700MHz		5725.16	62.98	-5.32	68.3	46.6	34.85	11.32	29.79	320	199	P	H
	*	5698	109.41	-	-	93.15	34.78	11.28	29.8	320	199	P	H
	*	5698	101.72	-	-	85.46	34.78	11.28	29.8	320	199	A	H
		5726.04	64.18	-4.12	68.3	47.8	34.85	11.32	29.79	197	343	P	V
	*	5704	111.51	-	-	95.19	34.82	11.3	29.8	197	343	P	V
	*	5704	104.13	-	-	87.81	34.82	11.3	29.8	197	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 100 5500MHz		11000	43.88	-30.12	74	54.91	38.1	16.6	65.73	300	0	P	H
		11000	44.55	-29.45	74	55.58	38.1	16.6	65.73	100	0	P	V
802.11a CH 116 5580MHz		11160	44.87	-29.13	74	55.54	38.2	16.77	65.64	300	0	P	H
		11160	44.07	-29.93	74	54.74	38.2	16.77	65.64	100	0	P	V
802.11a CH 140 5700MHz		11400	45.01	-28.99	74	55.16	38.34	17.01	65.5	300	0	P	H
		11400	45.31	-28.69	74	55.46	38.34	17.01	65.5	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5401.2	55.68	-18.32	74	39.86	34.5	10.89	29.57	307	0	P	H
		5468.72	58.1	-10.2	68.3	42.21	34.53	10.99	29.63	307	0	P	H
		5459.92	46.68	-7.32	54	30.81	34.53	10.97	29.63	307	0	A	H
	*	5500	107.88	-	-	91.94	34.55	11.04	29.65	307	0	P	H
	*	5500	98.45	-	-	82.51	34.55	11.04	29.65	307	0	A	H
		5459.76	58.02	-15.98	74	42.15	34.53	10.97	29.63	338	28	P	V
		5469.68	60.26	-8.04	68.3	44.37	34.53	10.99	29.63	338	28	P	V
		5460	48.12	-5.88	54	32.25	34.53	10.97	29.63	338	28	A	V
	*	5494	112.01	-	-	96.1	34.54	11.02	29.65	338	28	P	V
	*	5494	102.54	-	-	86.63	34.54	11.02	29.65	338	28	A	V
802.11ax HE20 Full CH 140 5700MHz		5725.96	63.85	-4.45	68.3	47.47	34.85	11.32	29.79	322	114	P	H
	*	5692	108.95	-	-	92.69	34.78	11.28	29.8	322	114	P	H
	*	5692	99.21	-	-	82.95	34.78	11.28	29.8	322	114	A	H
		5725.16	65.12	-3.18	68.3	48.74	34.85	11.32	29.79	100	77	P	V
	*	5710	111.37	-	-	95.04	34.82	11.3	29.79	100	77	P	V
	*	5710	102.7	-	-	86.37	34.82	11.3	29.79	100	77	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		11000	44.05	-29.95	74	55.08	38.1	16.6	65.73	300	0	P	H
CH 100 5500MHz		11000	44.81	-29.19	74	55.84	38.1	16.6	65.73	100	0	P	V
802.11ax HE20 Full		11160	44.41	-29.59	74	55.08	38.2	16.77	65.64	300	0	P	H
CH 116 5580MHz		11160	45.28	-28.72	74	55.95	38.2	16.77	65.64	100	0	P	V
802.11ax HE20 Full		11400	44.75	-29.25	74	54.9	38.34	17.01	65.5	300	0	P	H
CH 140 5700MHz		11400	44.19	-29.81	74	54.34	38.34	17.01	65.5	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 100 5260MHz		5416.24	56.76	-17.24	74	40.91	34.51	10.91	29.57	100	0	P	H
		5466	64.66	-3.64	68.3	48.77	34.53	10.99	29.63	100	0	P	H
		5459.76	47.14	-6.86	54	31.27	34.53	10.97	29.63	100	0	A	H
	*	5494	114.38	-	-	98.47	34.54	11.02	29.65	100	0	P	H
	*	5494	108.3	-	-	92.39	34.54	11.02	29.65	100	0	A	H
		5431.6	57.78	-16.22	74	41.92	34.52	10.94	29.6	200	30	P	V
		5465.68	63.9	-4.4	68.3	48.01	34.53	10.99	29.63	200	30	P	V
		5457.84	48.5	-5.5	54	32.63	34.53	10.97	29.63	200	30	A	V
	*	5494	120.43	-	-	104.52	34.54	11.02	29.65	200	30	P	V
	*	5494	112.46	-	-	96.55	34.54	11.02	29.65	200	30	A	V
802.11ax HE20 Partial 26/8 CH 140 5700MHz		5739.48	59.21	-9.09	68.3	42.76	34.89	11.34	29.78	100	65	P	H
	*	5710	110.56	-	-	94.23	34.82	11.3	29.79	100	65	P	H
	*	5710	100.96	-	-	84.63	34.82	11.3	29.79	100	65	A	H
		5725.88	58.58	-9.72	68.3	42.2	34.85	11.32	29.79	345	192	P	V
	*	5710	113.2	-	-	96.87	34.82	11.3	29.79	345	192	P	V
	*	5710	105.41	-	-	89.08	34.82	11.3	29.79	345	192	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 100 5500MHz		5438.16	56.93	-17.07	74	41.07	34.52	10.94	29.6	100	121	P	H
		5461.68	56.36	-11.94	68.3	40.49	34.53	10.97	29.63	100	121	P	H
		5458.8	47.29	-6.71	54	31.42	34.53	10.97	29.63	100	121	A	H
	*	5494	112.49	-	-	96.58	34.54	11.02	29.65	100	121	P	H
	*	5494	102.93	-	-	87.02	34.54	11.02	29.65	100	121	A	H
		5357.36	57.07	-16.93	74	41.26	34.5	10.83	29.52	376	187	P	V
		5465.52	57.11	-11.19	68.3	41.22	34.53	10.99	29.63	376	187	P	V
		5459.92	47.44	-6.56	54	31.57	34.53	10.97	29.63	376	187	A	V
	*	5494	116.32	-	-	100.41	34.54	11.02	29.65	376	187	P	V
	*	5494	107.36	-	-	91.45	34.54	11.02	29.65	376	187	A	V
802.11ax HE20 Partial 52/40 CH 140 5700MHz		5726.36	58.18	-10.12	68.3	41.8	34.85	11.32	29.79	100	65	P	H
	*	5710	110.33	-	-	94	34.82	11.3	29.79	100	65	P	H
	*	5710	102.39	-	-	86.06	34.82	11.3	29.79	100	65	A	H
		5725.72	59.27	-9.03	68.3	42.89	34.85	11.32	29.79	347	193	P	V
	*	5710	114.47	-	-	98.14	34.82	11.3	29.79	347	193	P	V
	*	5710	106.57	-	-	90.24	34.82	11.3	29.79	347	193	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 100 5500MHz		5404.72	56.83	-17.17	74	41.01	34.5	10.89	29.57	384	20	P	H
		5467.6	56.74	-11.56	68.3	40.85	34.53	10.99	29.63	384	20	P	H
		5458.96	47.08	-6.92	54	31.21	34.53	10.97	29.63	384	20	A	H
	*	5500	108.66	-	-	92.72	34.55	11.04	29.65	384	20	P	H
	*	5500	101.13	-	-	85.19	34.55	11.04	29.65	384	20	A	H
		5409.84	59.05	-14.95	74	43.23	34.5	10.89	29.57	118	3	P	V
		5467.76	58.9	-9.4	68.3	43.01	34.53	10.99	29.63	118	3	P	V
		5459.6	48.64	-5.36	54	32.77	34.53	10.97	29.63	118	3	A	V
	*	5494	117.01	-	-	101.1	34.54	11.02	29.65	118	3	P	V
	*	5494	108.01	-	-	92.1	34.54	11.02	29.65	118	3	A	V
802.11ax HE20 Partial 106/54 CH 140 5700MHz		5729.08	60.78	-7.52	68.3	44.4	34.85	11.32	29.79	338	18	P	H
	*	5704	112.05	-	-	95.73	34.82	11.3	29.8	338	18	P	H
	*	5704	103.43	-	-	87.11	34.82	11.3	29.8	338	18	A	H
		5728.04	63.13	-5.17	68.3	46.75	34.85	11.32	29.79	158	8	P	V
	*	5704	116.05	-	-	99.73	34.82	11.3	29.8	158	8	P	V
	*	5704	106.69	-	-	90.37	34.82	11.3	29.8	158	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full CH 102 5510MHz		5459.12	56.62	-17.38	74	40.75	34.53	10.97	29.63	302	20	P	H
		5469.04	58.89	-9.41	68.3	43	34.53	10.99	29.63	302	20	P	H
		5460	47.41	-6.59	54	31.54	34.53	10.97	29.63	302	20	A	H
	*	5530	102.27	-	-	86.35	34.56	11.06	29.7	302	20	P	H
	*	5530	93.56	-	-	77.64	34.56	11.06	29.7	302	20	A	H
		5763	57.78	-10.52	68.3	41.27	34.93	11.35	29.77	302	20	P	H
		5458.32	59.96	-14.04	74	44.09	34.53	10.97	29.63	104	343	P	V
		5467.44	65.25	-3.05	68.3	49.36	34.53	10.99	29.63	104	343	P	V
		5460	49.82	-4.18	54	33.95	34.53	10.97	29.63	104	343	A	V
	*	5524	107.12	-	-	91.18	34.56	11.06	29.68	104	343	P	V
	*	5524	98.6	-	-	82.66	34.56	11.06	29.68	104	343	A	V
		5742.92	58.05	-10.25	68.3	41.6	34.89	11.34	29.78	104	343	P	V
802.11ax HE40 Full CH 134 5670MHz		5454.64	56.35	-17.65	74	40.48	34.53	10.97	29.63	299	36	P	H
		5468.72	56.07	-12.23	68.3	40.18	34.53	10.99	29.63	299	36	P	H
		5458.8	46.31	-7.69	54	30.44	34.53	10.97	29.63	299	36	A	H
	*	5662	105.11	-	-	88.96	34.71	11.24	29.8	299	36	P	H
	*	5662	96.01	-	-	79.86	34.71	11.24	29.8	299	36	A	H
		5727.16	59.85	-8.45	68.3	43.47	34.85	11.32	29.79	299	36	P	H
		5411.92	56.59	-17.41	74	40.74	34.51	10.91	29.57	147	21	P	V
		5464.56	56.19	-12.11	68.3	40.3	34.53	10.99	29.63	147	21	P	V
		5459.6	46.61	-7.39	54	30.74	34.53	10.97	29.63	147	21	A	V
	*	5680	109.74	-	-	93.53	34.75	11.26	29.8	147	21	P	V
	*	5680	102.63	-	-	86.42	34.75	11.26	29.8	147	21	A	V
		5725.32	64.14	-4.16	68.3	47.76	34.85	11.32	29.79	147	21	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full		11020	44.36	-29.64	74	55.35	38.11	16.62	65.72	300	0	P	H
CH 102 5510MHz		11020	43.63	-30.37	74	54.62	38.11	16.62	65.72	100	0	P	V
802.11ax HE40 Full		11100	44.95	-29.05	74	55.76	38.16	16.7	65.67	300	0	P	H
CH 110 5550MHz		11100	44.12	-29.88	74	54.93	38.16	16.7	65.67	100	0	P	V
802.11ax HE40 Full		11340	44.31	-29.69	74	54.61	38.3	16.94	65.54	300	0	P	H
CH 134 5670MHz		11340	44.5	-29.5	74	54.8	38.3	16.94	65.54	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		5362.64	56.67	-17.33	74	40.84	34.5	10.85	29.52	294	19	P	H
		5467.12	57	-11.3	68.3	41.11	34.53	10.99	29.63	294	19	P	H
		5460	47.35	-6.65	54	31.48	34.53	10.97	29.63	294	19	A	H
	*	5554	97.57	-	-	81.62	34.57	11.11	29.73	294	19	P	H
	*	5554	87.88	-	-	71.93	34.57	11.11	29.73	294	19	A	H
		5746.12	57.75	-10.55	68.3	41.3	34.89	11.34	29.78	294	19	P	H
		5445.36	59.7	-14.3	74	43.84	34.52	10.94	29.6	123	360	P	V
		5465.84	60.6	-7.7	68.3	44.71	34.53	10.99	29.63	123	360	P	V
		5459.76	49.97	-4.03	54	34.1	34.53	10.97	29.63	123	360	A	V
	*	5524	101.51	-	-	85.57	34.56	11.06	29.68	123	360	P	V
	*	5524	92.63	-	-	76.69	34.56	11.06	29.68	123	360	A	V
		5745.8	57.57	-10.73	68.3	41.12	34.89	11.34	29.78	123	360	P	V
802.11ax HE80 Full CH 122 5610MHz		5408.4	57.75	-16.25	74	41.93	34.5	10.89	29.57	300	18	P	H
		5466.16	57.12	-11.18	68.3	41.23	34.53	10.99	29.63	300	18	P	H
		5459.92	47.31	-6.69	54	31.44	34.53	10.97	29.63	300	18	A	H
	*	5614	104.86	-	-	88.85	34.6	11.19	29.78	300	18	P	H
	*	5614	95.13	-	-	79.12	34.6	11.19	29.78	300	18	A	H
		5737.48	58.68	-9.62	68.3	42.23	34.89	11.34	29.78	300	18	P	H
		5425.68	57.67	-16.33	74	41.85	34.51	10.91	29.6	224	138	P	V
		5466.16	56.86	-11.44	68.3	40.97	34.53	10.99	29.63	224	138	P	V
		5459.6	48.11	-5.89	54	32.24	34.53	10.97	29.63	224	138	A	V
	*	5626	108.52	-	-	92.45	34.64	11.21	29.78	224	138	P	V
	*	5626	98.79	-	-	82.72	34.64	11.21	29.78	224	138	A	V
		5732.68	59.9	-8.4	68.3	43.51	34.85	11.32	29.78	224	138	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		11059	44	-30	74	55.62	38.14	15.93	65.69	100	0	P	H
CH 106 5530MHz		11059	44.91	-29.09	74	56.53	38.14	15.93	65.69	100	360	P	V
802.11ax HE80 Full		11224	44.07	-29.93	74	54.63	38.23	16.82	65.61	100	360	P	H
CH 122 5610MHz		11224	43.48	-30.52	74	54.04	38.23	16.82	65.61	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2C 5470~5725MHz
WIFI 802.11ax H160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE160 Full CH 114 5570MHz		5455.44	56.78	-17.22	74	40.91	34.53	10.97	29.63	209	4	P	H
		5461.36	55.66	-12.64	68.3	39.79	34.53	10.97	29.63	209	4	P	H
		5458.48	46.81	-7.19	54	30.94	34.53	10.97	29.63	209	4	A	H
	*	5608	89.21	-	-	73.2	34.6	11.19	29.78	209	4	P	H
	*	5608	81.01	-	-	65	34.6	11.19	29.78	209	4	A	H
		5745.72	58.72	-9.58	68.3	42.27	34.89	11.34	29.78	209	4	P	H
		5457.36	62.11	-11.89	74	46.24	34.53	10.97	29.63	226	160	P	V
		5461.84	60.19	-8.11	68.3	44.32	34.53	10.97	29.63	226	160	P	V
		5458.48	50.67	-3.33	54	34.8	34.53	10.97	29.63	226	160	A	V
	*	5584	101.55	-	-	85.56	34.59	11.16	29.76	226	160	P	V
	*	5584	91.32	-	-	75.33	34.59	11.16	29.76	226	160	A	V
		5725.8	58.99	-9.31	68.3	42.61	34.85	11.32	29.79	226	160	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE160 Full		11140	44.24	-29.76	74	54.97	38.18	16.74	65.65	300	0	P	H
CH 114 5570MHz		11140	43.94	-30.06	74	54.67	38.18	16.74	65.65	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-2C - Straddle Channel****WIFI 802.11a (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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)
802.11a CH 144 5720MHz	*	5716	111.51	-	-	105.92	34.82	12.91	42.14	400	0	P	H
	*	5716	103.12	-	-	110.44	34.82	0	42.14	400	0	A	H
	*	5728	114.62	-	-	109.03	34.85	12.93	42.19	100	0	P	V
	*	5728	105.68	-	-	113.02	34.85	0	42.19	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-2C - Straddle Channel****WIFI 802.11a (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 144 5720MHz		11440	45.21	-28.79	74	55.29	38.36	17.04	65.48	300	0	P	H
		11440	45.34	-28.66	74	55.42	38.36	17.04	65.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - Straddle Channel
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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	*	5722	110.96	-	-	105.36	34.85	12.92	42.17	400	0	P	H
HE20 Full	*	5722	101.87	-	-	109.19	34.85	0	42.17	400	0	A	H
CH 144	*	5728	113.43	-	-	107.84	34.85	12.93	42.19	100	0	P	V
5720MHz	*	5728	105.45	-	-	112.79	34.85	0	42.19	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-2C - Straddle Channel****WIFI 802.11ax HE20 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full		11440	44.44	-29.56	74	54.52	38.36	17.04	65.48	300	0	P	H
CH 144 5720MHz		11440	44.46	-29.54	74	54.54	38.36	17.04	65.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C - Straddle Channel
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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	*	5728	107.52	-	-	101.93	34.85	12.93	42.19	400	0	P	H
HE40 Full	*	5728	98.96	-	-	106.3	34.85	0	42.19	400	0	A	H
CH 142	*	5698	110.38	-	-	104.8	34.78	12.88	42.08	100	0	P	V
5710MHz	*	5698	102.92	-	-	110.22	34.78	0	42.08	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-2C - Straddle Channel****WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 HE40 Full		11420	44.97	-29.03	74	55.09	38.35	17.02	65.49	300	0	P	H
CH 142 5710MHz		11420	44.16	-29.84	74	54.28	38.35	17.02	65.49	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-2C Straddle Channel
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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	*	5716	105	-	-	99.41	34.82	12.91	42.14	400	0	P	H
HE80 Full	*	5716	96.74	-	-	104.06	34.82	0	42.14	400	0	A	H
CH 138	*	5686	109.06	-	-	103.46	34.78	12.86	42.04	100	0	P	V
5690MHz	*	5686	101.52	-	-	108.78	34.78	0	42.04	100	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**UNII-2C - Straddle Channel****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		10380	43.5	-24.8	68.3	56.3	37.43	16.21	66.44	300	0	P	H
CH 138 5690MHz		10380	43.23	-25.07	68.3	56.03	37.43	16.21	66.44	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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)
802.11a LF		55.22	23.84	-16.16	40	40.69	13.45	0.96	31.26	-	-	P	H
		71.71	26.91	-13.09	40	44.86	12.75	1.19	31.89	-	-	P	H
		174.53	27.56	-15.94	43.5	40.72	16.04	2.13	31.33	-	-	P	H
		250.19	25.31	-20.69	46	35.53	18.58	2.56	31.36	-	-	P	H
		399.57	24.81	-21.19	46	31.1	21.68	3.26	31.23	-	-	P	H
		811.82	30.92	-15.08	46	31.3	26.23	4.64	31.25	-	-	P	H
		37.76	33.37	-6.63	40	43.1	21.1	0.69	31.52	-	-	P	V
		55.22	30.17	-9.83	40	46.27	14.2	0.96	31.26	-	-	P	V
		70.74	24.89	-15.11	40	42.34	13.27	1.18	31.9	-	-	P	V
		96.93	24.17	-19.33	43.5	37.02	17.47	1.59	31.91	-	-	P	V
		144.46	22.16	-21.34	43.5	34.04	17.57	1.93	31.38	-	-	P	V
		176.47	22.44	-21.06	43.5	34.77	16.86	2.14	31.33	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Co-location Mode

Co-location-- BLE(2M)_Ch39& WIFI 802.11a_CH36& NRF_CH38

2.4GHz 2400~2483.5MHz

BLE(2M) (Band Edge @ 3m)

BLE(2M)	Note	Frequency	Level	Over Limit	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)
BLE(2M) CH 39 2480MHz		2487.22	56.98	-17.02	74	48.25	32.12	7.28	30.67	173	19	P	H
		2483.5	46.54	-7.46	54	37.81	32.12	7.28	30.67	173	19	A	H
	*	2480	99.7	---	---	90.97	32.12	7.28	30.67	173	19	P	H
	*	2480	98.97	---	---	90.24	32.12	7.28	30.67	173	19	A	H
		2496.82	57.07	-16.93	74	48.2	32.15	7.32	30.6	185	144	P	V
		2483.5	46.81	-7.19	54	38.08	32.12	7.28	30.67	185	144	A	V
	*	2480	100.44	---	---	91.71	32.12	7.28	30.67	185	144	P	V
	*	2480	99.8	---	---	91.07	32.12	7.28	30.67	185	144	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**2.4GHz 2400~2483.5MHz****BLE(2M) (Harmonic @ 3m)**

BLE(2M)	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
BLE(2M) CH 39 2480MHz		4960	41.14	-32.86	74	61.98	34.1	10.51	65.45	300	0	P	H
		7440	41.7	-32.3	74	58.35	35.8	12.88	65.33	300	0	P	H
		4960	42.62	-31.38	74	63.46	34.1	10.51	65.45	100	0	P	V
		7440	42.29	-31.71	74	58.94	35.8	12.88	65.33	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1- 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 36 5180MHz		5120.16	58.39	-15.61	74	42.73	34.33	10.61	29.28	111	47	P	H
		5148.32	48.32	-5.68	54	32.61	34.4	10.62	29.31	111	47	A	H
	*	5182	106.89	---	---	91.13	34.47	10.63	29.34	111	47	P	H
	*	5182	100.51	---	---	84.75	34.47	10.63	29.34	111	47	A	H
		5145.92	62.35	-11.65	74	46.64	34.4	10.62	29.31	234	28	P	V
		5147.52	50.95	-3.05	54	35.24	34.4	10.62	29.31	234	28	A	V
	*	5188	114.68	---	---	98.92	34.47	10.63	29.34	234	28	P	V
	*	5188	107.57	---	---	91.81	34.47	10.63	29.34	234	28	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 36 5180MHz		10355	44.62	-23.68	68.3	58.16	37.39	15.55	66.48	300	0	P	H
		10355	45.3	-23	68.3	58.84	37.39	15.55	66.48	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

NRF (Band Edge @ 3m)

NRF	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
NRF CH 38 2478MHz		2485.66	56.79	-17.21	74	48.06	32.12	7.28	30.67	234	266	P	H
		2483.5	49.13	-4.87	54	40.4	32.12	7.28	30.67	234	266	A	H
	*	2478	102.04	---	---	93.31	32.12	7.28	30.67	234	266	P	H
	*	2478	101.46	---	---	92.73	32.12	7.28	30.67	234	266	A	H
		2486.74	56.53	-17.47	74	47.8	32.12	7.28	30.67	380	345	P	V
		2499.1	48.15	-5.85	54	39.28	32.15	7.32	30.6	380	345	A	V
	*	2480	95.82	---	---	87.09	32.12	7.28	30.67	380	345	P	V
	*	2480	95.06	---	---	86.33	32.12	7.28	30.67	380	345	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

NRF (Harmonic @ 3m)

NRF	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
NRF CH 38 2478MHz		4956	41.84	-32.16	74	62.68	34.1	10.51	65.45	300	0	P	H
		7434	41.7	-32.3	74	58.36	35.8	12.86	65.32	300	0	P	H
		4956	44.74	-29.26	74	65.58	34.1	10.51	65.45	100	0	P	V
		7434	42.29	-31.71	74	58.95	35.8	12.86	65.32	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Co-location-- WIFI 802.11 ax HE20 Full & WIFI 802.11a_CH36& NRF_CH38

2.4GHz 2400~2483.5MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preampl Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
CDD 1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
8802.11ax HE20 Full CH 11 2462MHz		2483.86	64.18	-9.82	74	55.45	32.12	7.28	30.67	142	56	P	H
		2483.5	49.09	-4.91	54	40.36	32.12	7.28	30.67	142	56	A	H
	*	2460	105.54	---	---	96.93	32.1	7.25	30.74	142	56	P	H
	*	2460	95.93	---	---	87.32	32.1	7.25	30.74	142	56	A	H
		2484.04	64.34	-9.66	74	55.61	32.12	7.28	30.67	174	19	P	V
		2483.5	50.92	-3.08	54	42.19	32.12	7.28	30.67	174	19	A	V
	*	2464	110.63	---	---	102.02	32.1	7.25	30.74	174	19	P	V
	*	2462	100.22	---	---	91.61	32.1	7.25	30.74	174	19	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**2.4GHz 2400~2483.5MHz****WIFI 802.11 ax HE20 Full (Harmonic @ 3m)**

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		4924	41	-33	74	61.88	34.1	10.46	65.44	300	0	P	H
HE20 Full		7386	42.56	-31.44	74	59.22	35.8	12.84	65.3	300	0	P	H
CH 11		4924	43.19	-30.81	74	64.07	34.1	10.46	65.44	100	0	P	V
2462MHz		7380	42.38	-31.62	74	59.03	35.8	12.84	65.29	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1- 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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 36 5180MHz		5144.8	58.82	-15.18	74	43.11	34.4	10.62	29.31	100	56	P	H
		5148.96	47.95	-6.05	54	32.24	34.4	10.62	29.31	100	56	A	H
	*	5182	106.45	---	---	90.69	34.47	10.63	29.34	100	56	P	H
	*	5182	99.13	---	---	83.37	34.47	10.63	29.34	100	56	A	H
		5149.6	62.79	-11.21	74	47.08	34.4	10.62	29.31	258	27	P	V
		5150	50.29	-3.71	54	34.58	34.4	10.62	29.31	258	27	A	V
	*	5182	114.08	---	---	98.32	34.47	10.63	29.34	258	27	P	V
	*	5182	106.96	---	---	91.2	34.47	10.63	29.34	258	27	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-1-5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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		10365	45.1	-23.2	68.3	58.59	37.41	15.56	66.46	300	0	P	H
CH 36 5180MHz		10365	44.02	-24.28	68.3	57.51	37.41	15.56	66.46	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

NRF (Band Edge @ 3m)

NRF	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
NRF CH 38 2478MHz		2483.74	58.87	-15.13	74	50.14	32.12	7.28	30.67	238	258	P	H
		2485.66	49.71	-4.29	54	40.98	32.12	7.28	30.67	238	258	A	H
	*	2478	102.99	---	---	94.26	32.12	7.28	30.67	238	258	P	H
	*	2478	102.41	---	---	93.68	32.12	7.28	30.67	238	258	A	H
		2484.7	59.74	-14.26	74	51.01	32.12	7.28	30.67	374	184	P	V
		2483.68	49.73	-4.27	54	41	32.12	7.28	30.67	374	184	A	V
	*	2478	91.69	---	---	82.96	32.12	7.28	30.67	374	184	P	V
	*	2478	91.07	---	---	82.34	32.12	7.28	30.67	374	184	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

NRF (Harmonic @ 3m)

NRF	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (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)
NRF CH 38 2478MHz		4956	41.74	-32.26	74	62.58	34.1	10.51	65.45	300	0	P	H
		7434	41.86	-32.14	74	58.52	35.8	12.86	65.32	300	0	P	H
		4950	44.74	-29.26	74	65.59	34.1	10.49	65.44	100	0	P	V
		7440	43.29	-30.71	74	59.94	35.8	12.88	65.33	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Note symbol

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



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	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)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		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. Over Limit(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. Over Limit(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 2390MHz:

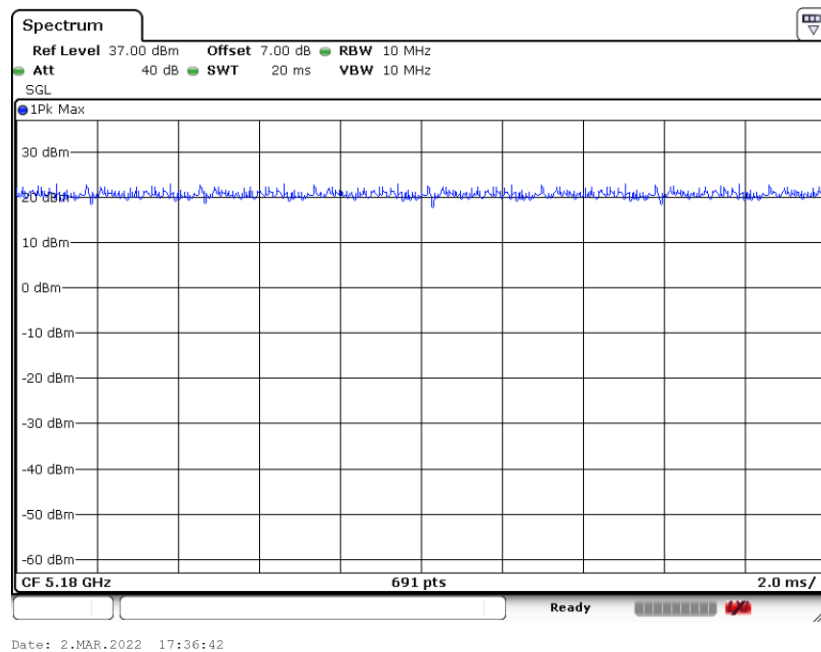
1. Level(dBμV/m)
 = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
 = 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
 = 43.54 (dBμV/m)
2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)
 = 43.54(dBμV/m) – 54(dBμV/m)
 = -10.46(dB)

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

Appendix D. Duty Cycle Plots

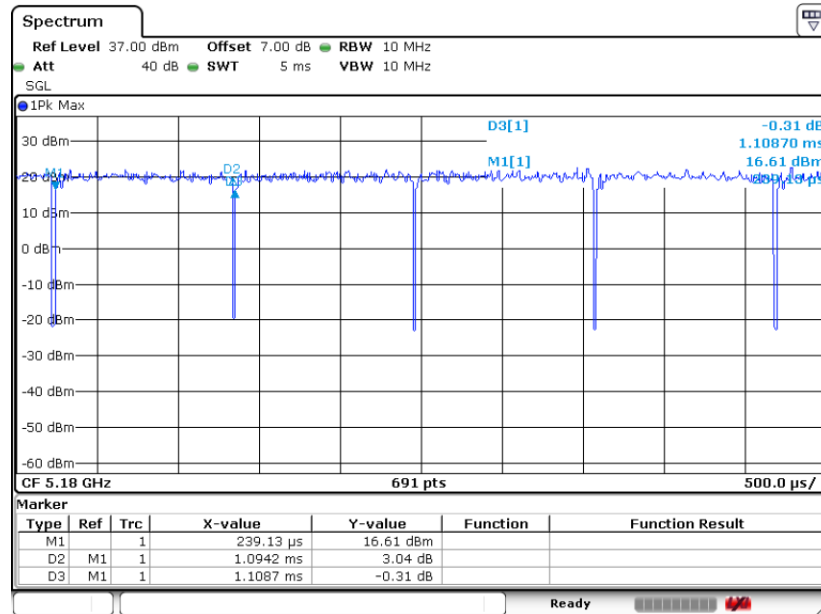
Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	100	-	-	10Hz
1+2	802.11ax HE20	98.69	-	-	10Hz
1+2	802.11ax HE40	98.68	-	-	10Hz
1+2	802.11ax HE80	98.63	-	-	10Hz
1+2	802.11ax HE160	98.62	-	-	10Hz
1+2	802.11ax HE20-26RU-1	99.02	-	-	10Hz
1+2	802.11ax HE20-52RU-1	98.96	-	-	10Hz
1+2	802.11ax HE20-106RU-1	98.87	-	-	10Hz

802.11a



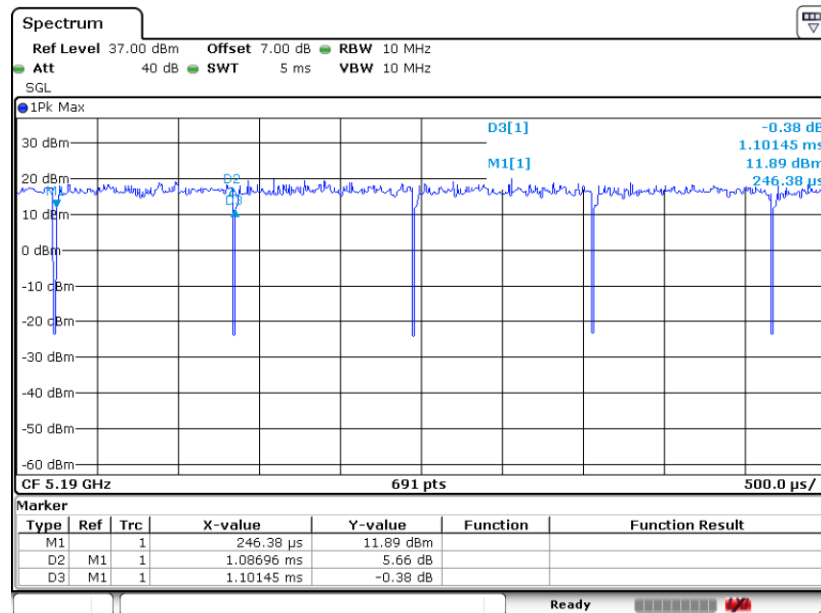


802.11ax HE20



Date: 2.MAR.2022 17:22:33

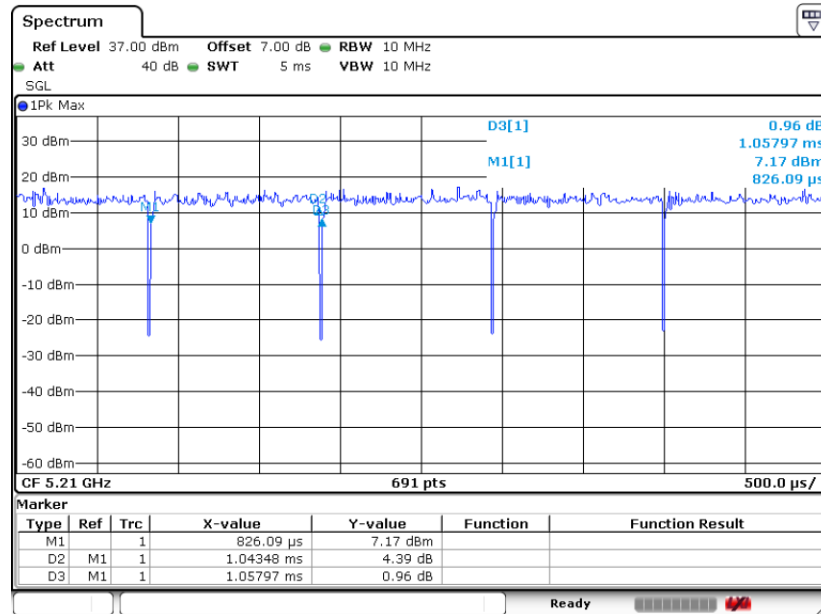
802.11ax HE40



Date: 2.MAR.2022 17:25:58

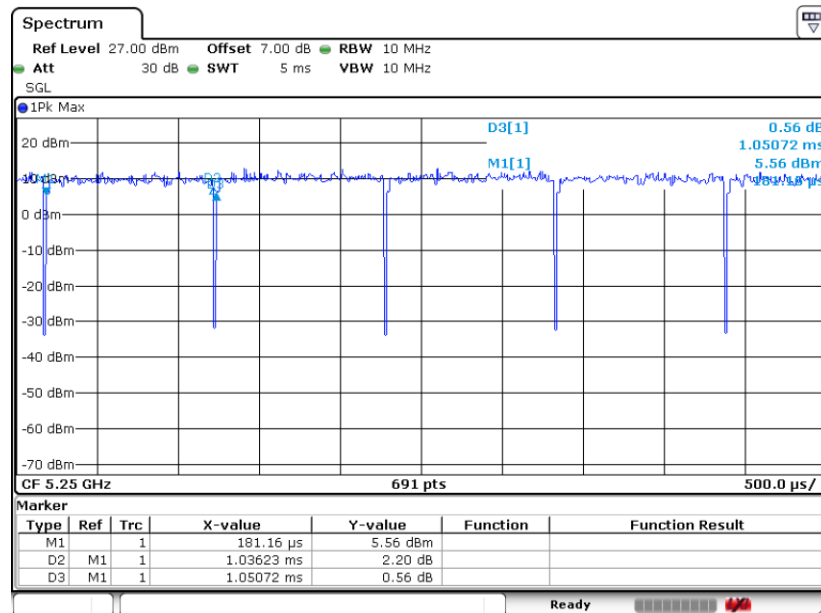


802.11ax HE80



Date: 2.MAR.2022 17:27:41

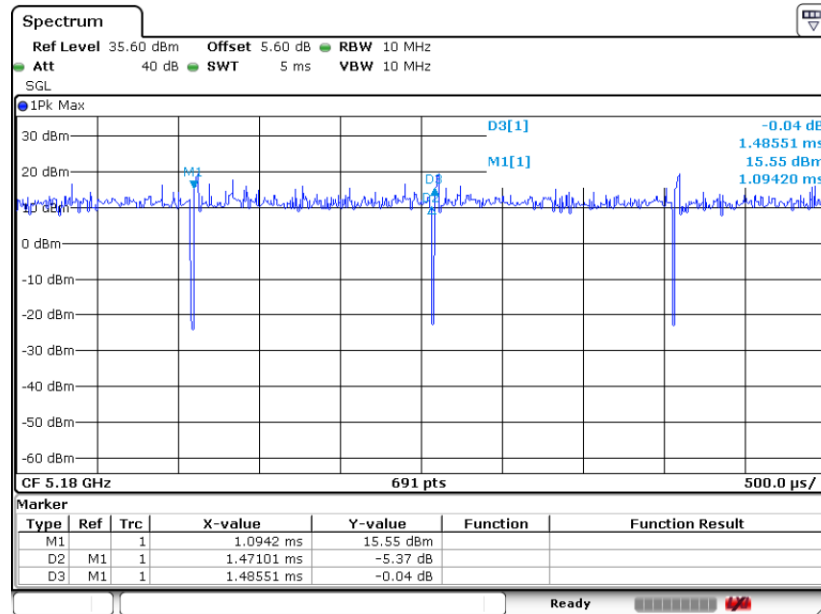
802.11ax HE160



Date: 2.MAR.2022 17:29:21

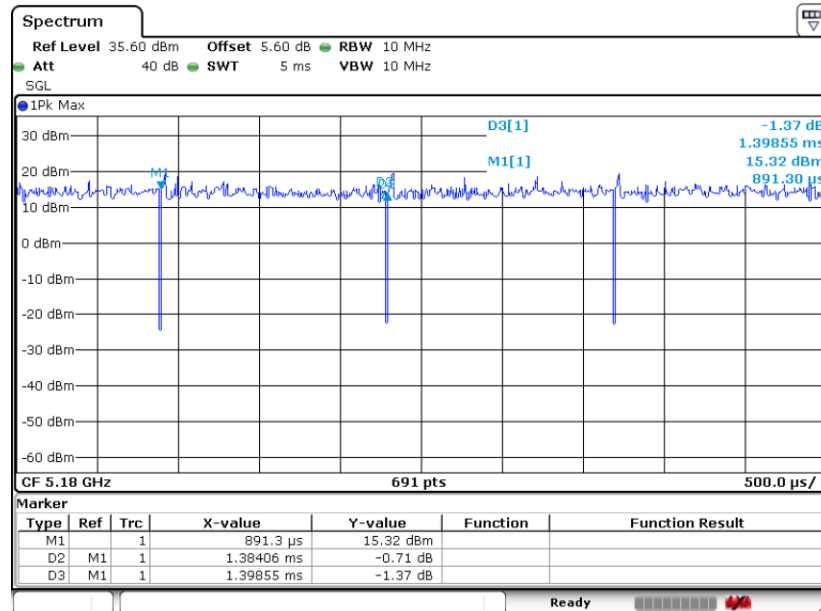


802.11ax HE20-26RU-1



Date: 3.MAR.2022 15:09:15

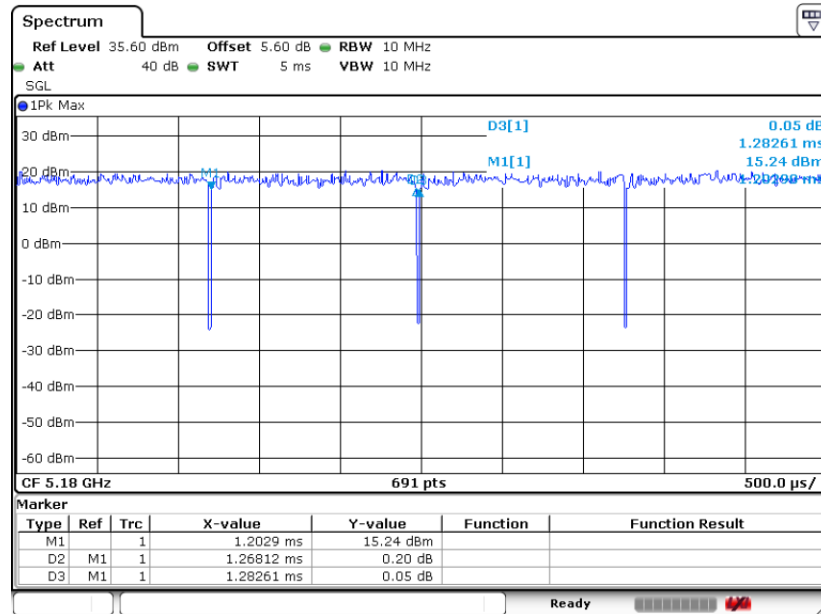
802.11ax HE20-52RU-1



Date: 3.MAR.2022 15:10:13



802.11ax HE20-106RU-1



Date: 3.MAR.2022 15:11:49