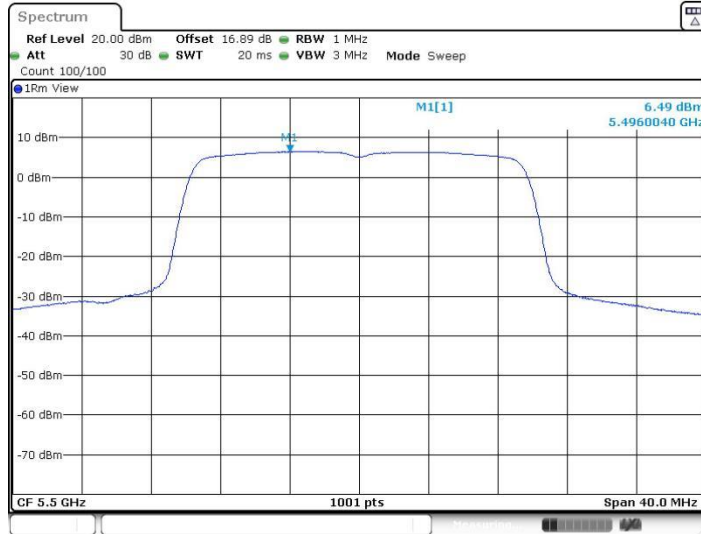


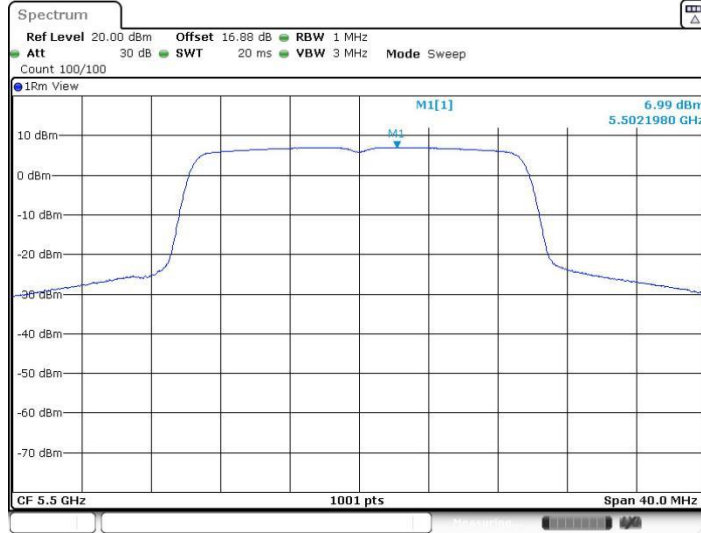


11AX20MIMO_Ant1_5500



Date: 11.JUN.2022 09:00:37

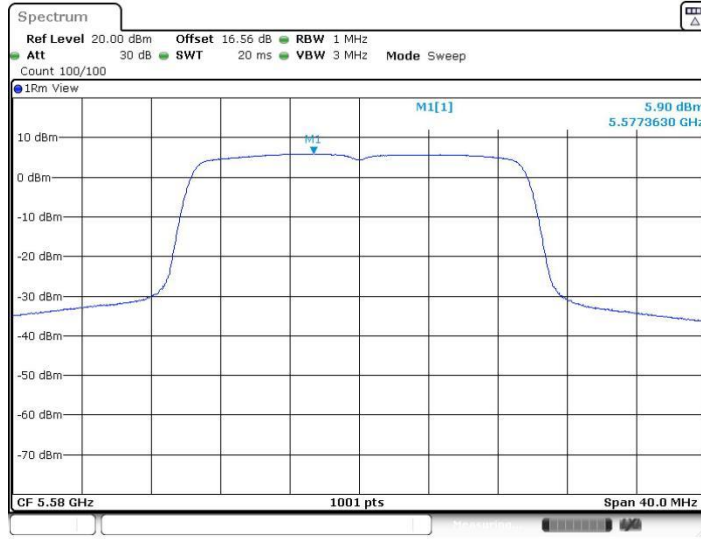
11AX20MIMO_Ant2_5500



Date: 11.JUN.2022 09:00:51

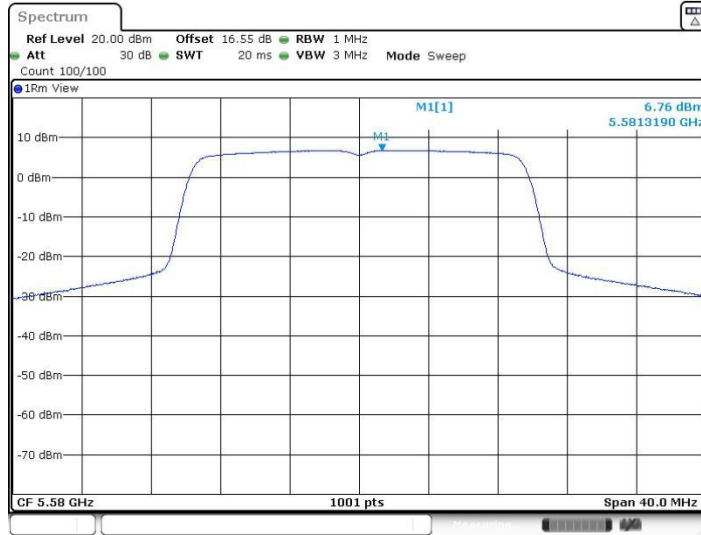


11AX20MIMO_Ant1_5580



Date: 11.JUN.2022 09:01:38

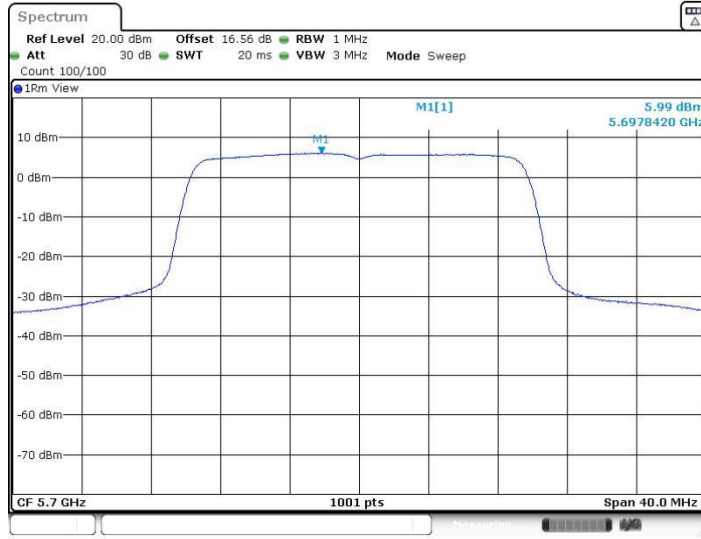
11AX20MIMO_Ant2_5580



Date: 11.JUN.2022 09:01:49

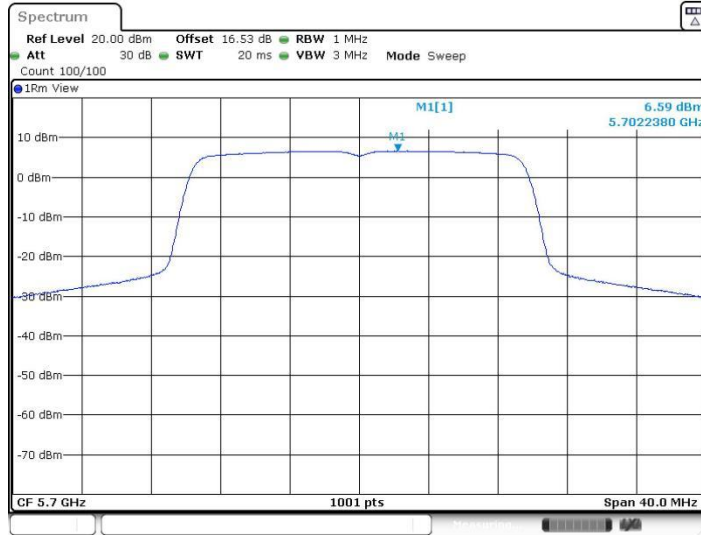


11AX20MIMO_Ant1_5700



Date: 11.JUN.2022 09:02:20

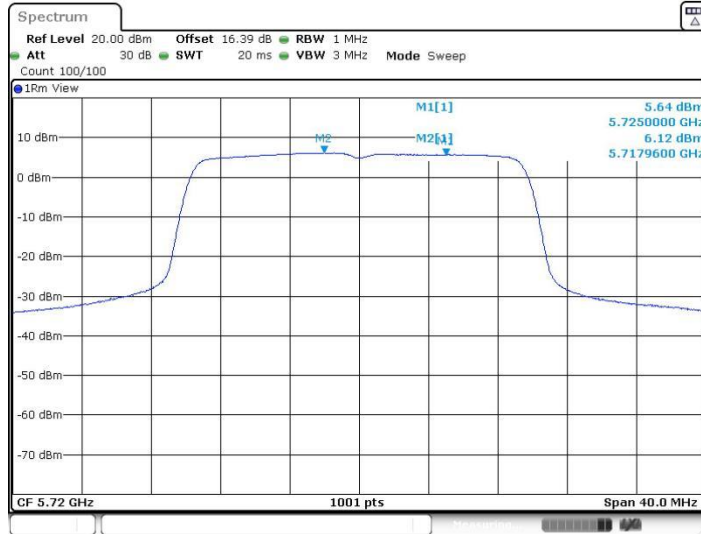
11AX20MIMO_Ant2_5700



Date: 11.JUN.2022 09:02:32

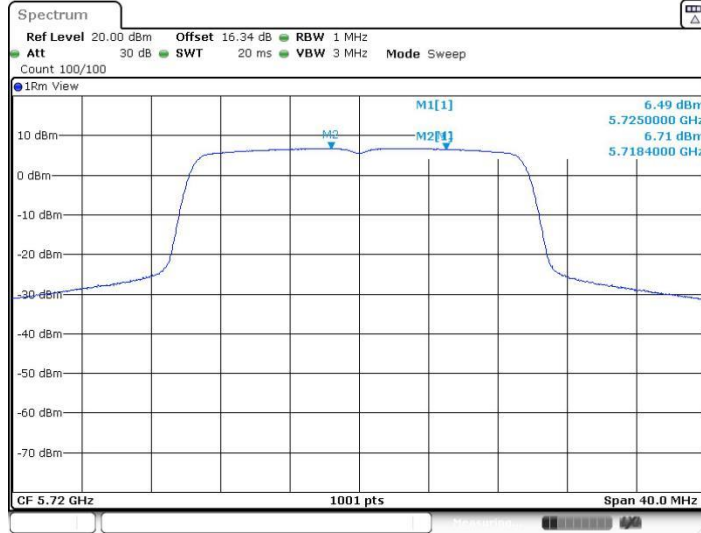


11AX20MIMO_Ant1_5720_UNII-2C



Date: 11.JUN.2022 08:20:13

11AX20MIMO_Ant2_5720_UNII-2C



Date: 11.JUN.2022 08:21:20

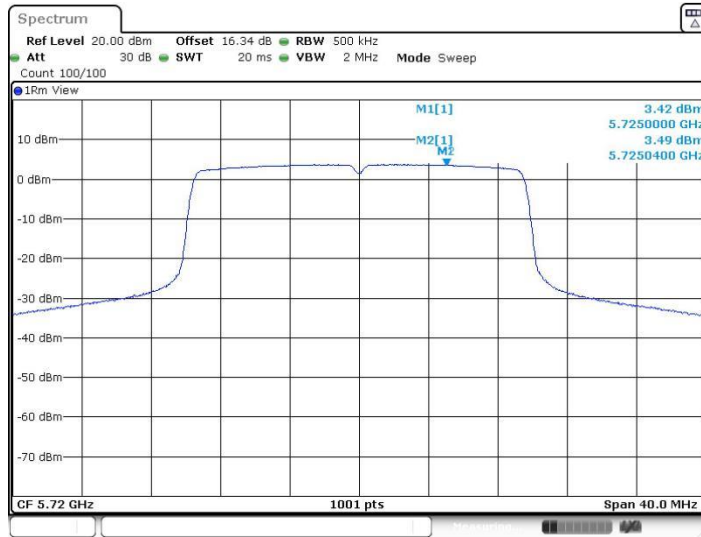


11AX20MIMO_Ant1_5720_UNII-3



Date: 11.JUN.2022 08:20:23

11AX20MIMO_Ant2_5720_UNII-3



Date: 11.JUN.2022 08:21:30



11AX20MIMO_Ant1_5785



Date: 11.JUN.2022 07:00:12

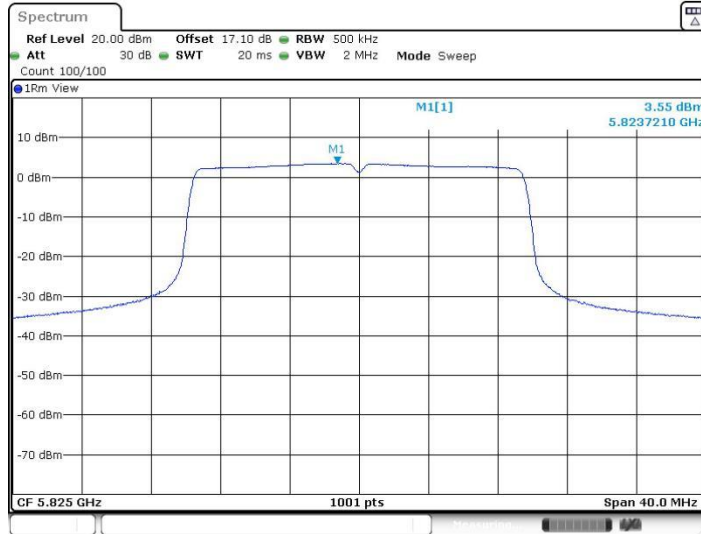
11AX20MIMO_Ant2_5785



Date: 11.JUN.2022 07:01:12



11AX20MIMO_Ant1_5825



Date: 11.JUN.2022 07:02:43

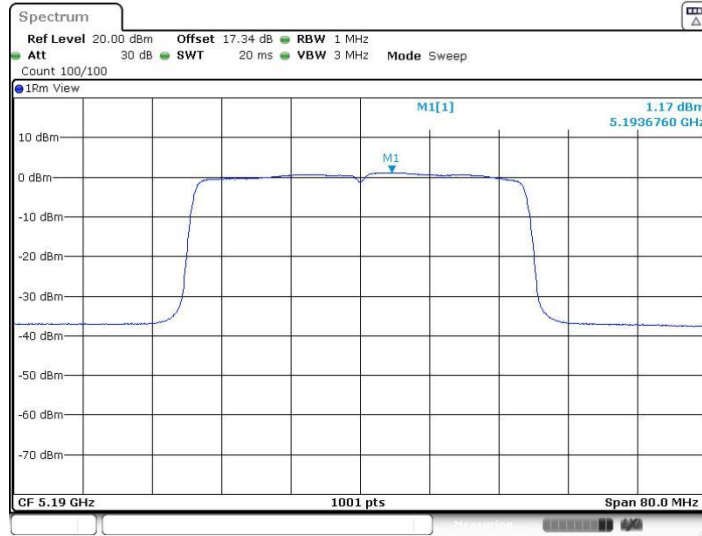
11AX20MIMO_Ant2_5825



Date: 11.JUN.2022 07:03:39

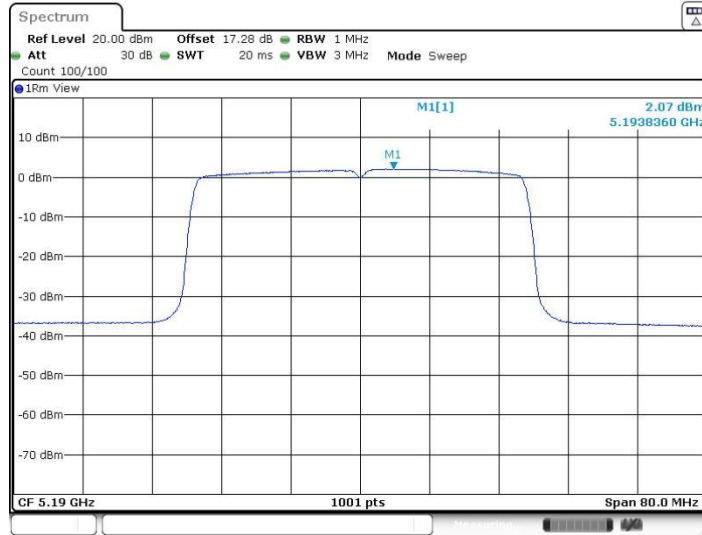


11AX40MIMO_Ant1_5190



Date: 21.JUN.2022 15:36:10

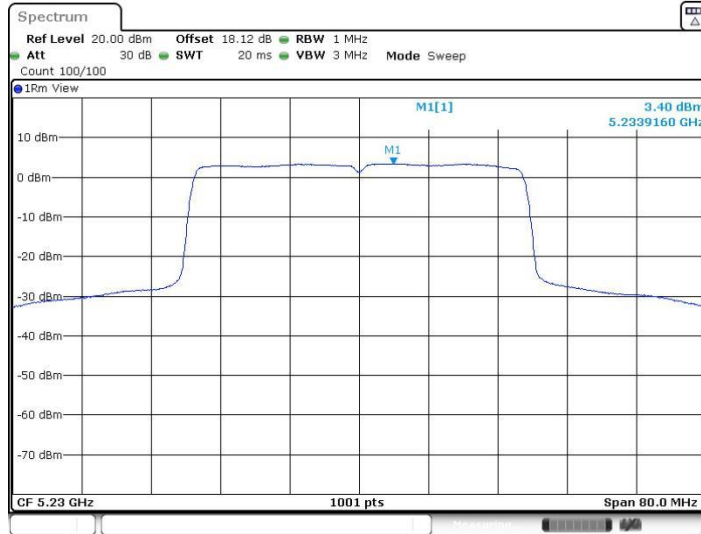
11AX40MIMO_Ant2_5190



Date: 21.JUN.2022 15:36:21

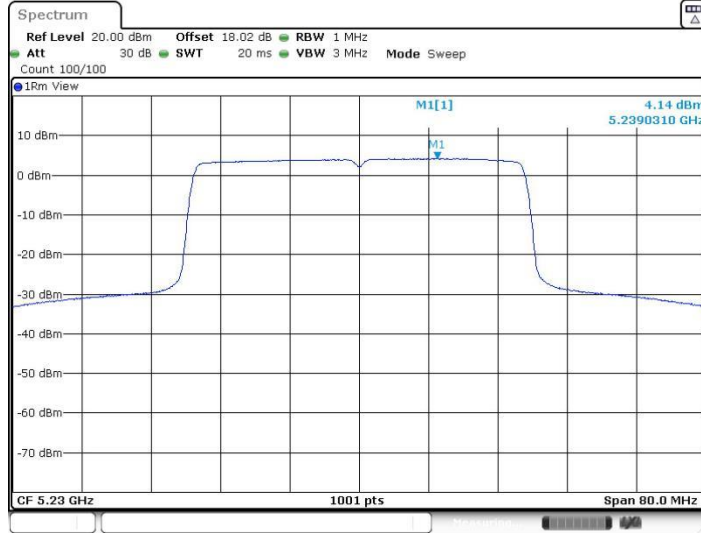


11AX40MIMO_Ant1_5230



Date: 11.JUN.2022 07:07:43

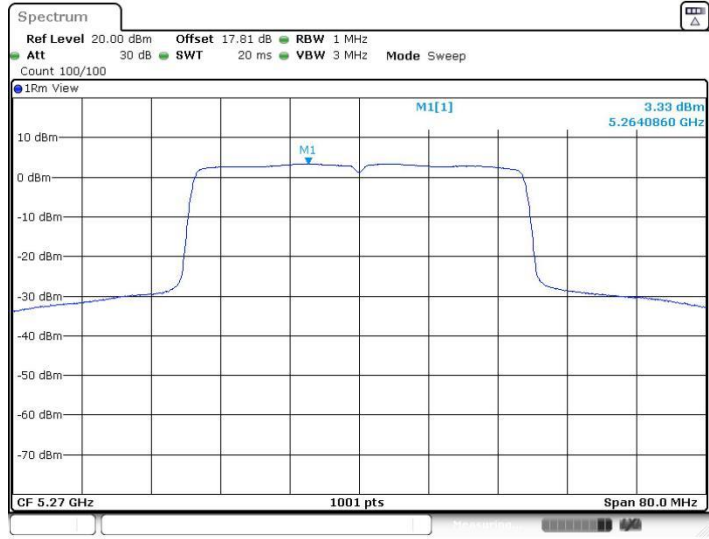
11AX40MIMO_Ant2_5230



Date: 11.JUN.2022 07:08:48

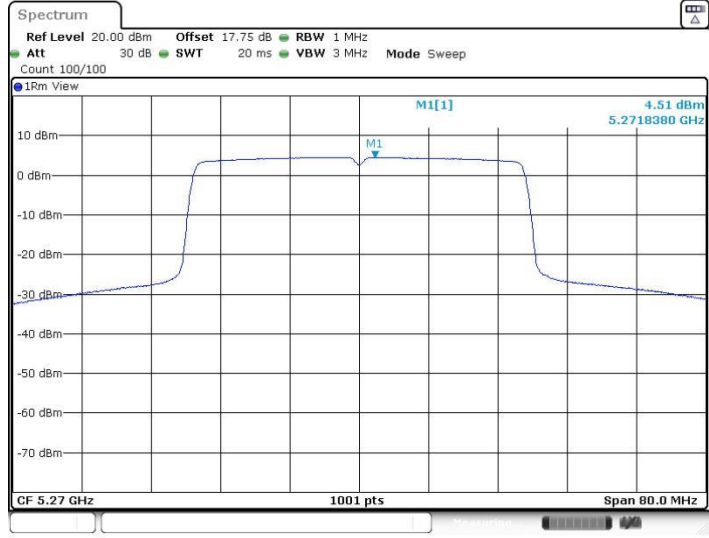


11AX40MIMO_Ant1_5270



Date: 11.JUN.2022 07:10:11

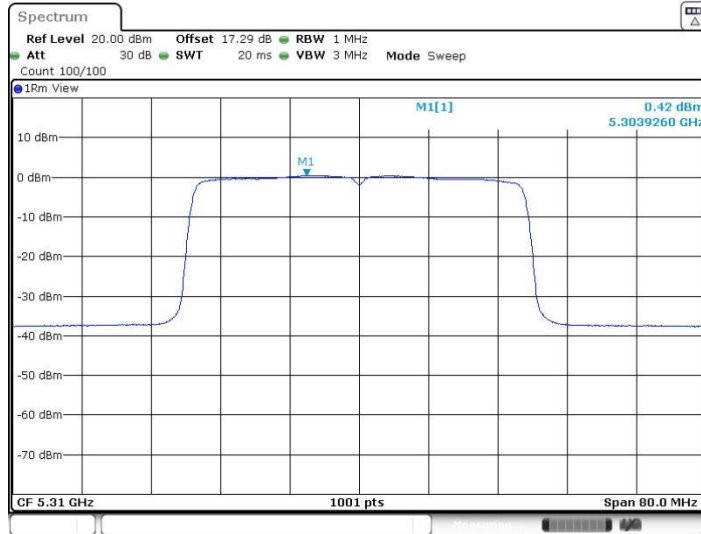
11AX40MIMO_Ant2_5270



Date: 11.JUN.2022 07:11:18

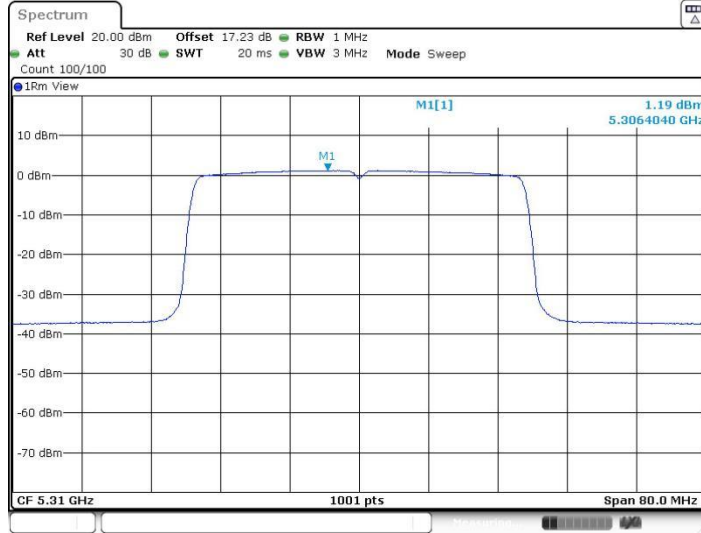


11AX40MIMO_Ant1_5310



Date: 21.JUN.2022 15:37:06

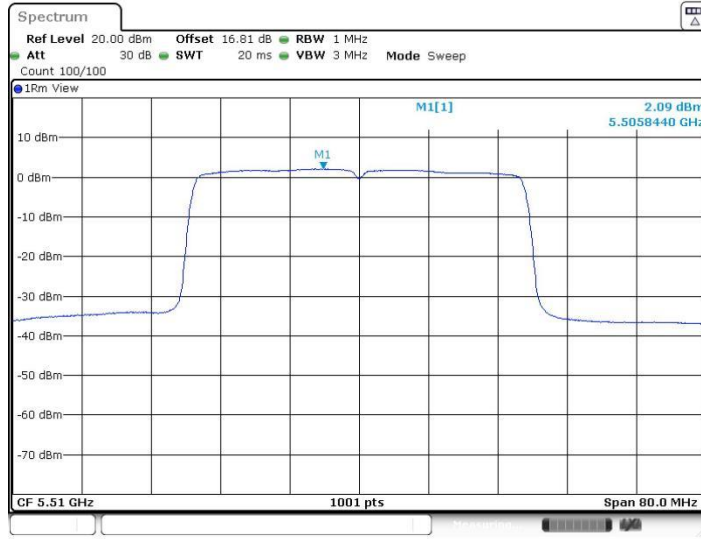
11AX40MIMO_Ant2_5310



Date: 21.JUN.2022 15:37:17

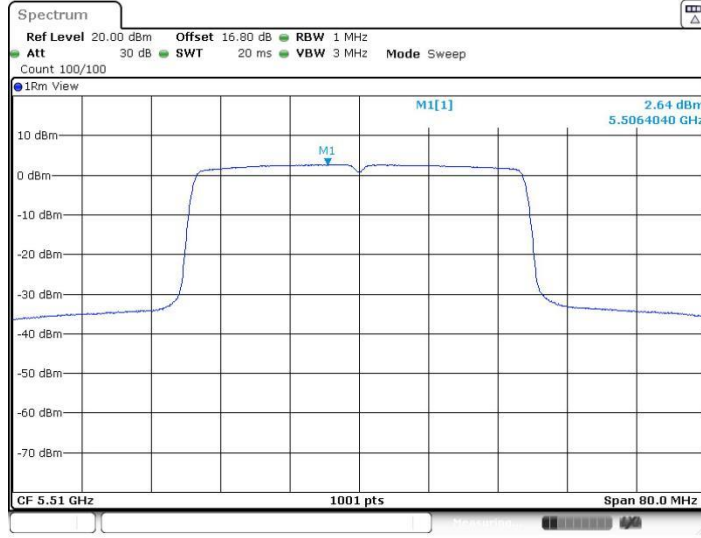


11AX40MIMO_Ant1_5510



Date: 21.JUN.2022 15:38:04

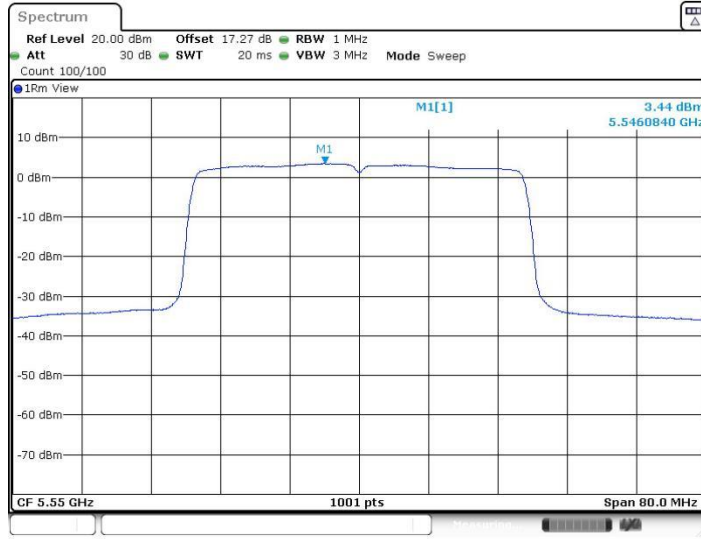
11AX40MIMO_Ant2_5510



Date: 21.JUN.2022 15:38:15

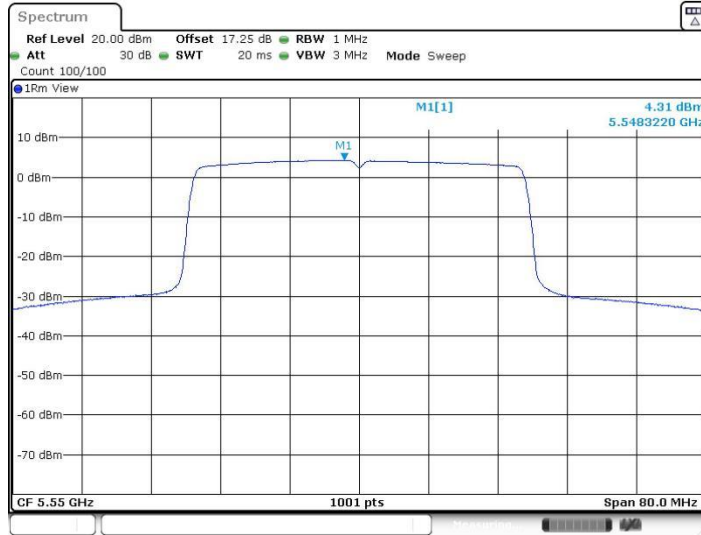


11AX40MIMO_Ant1_5550



Date: 11.JUN.2022 07:17:33

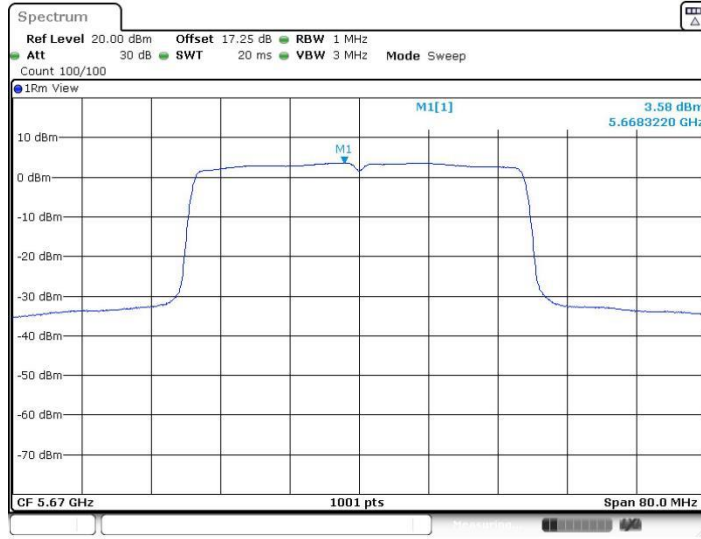
11AX40MIMO_Ant2_5550



Date: 11.JUN.2022 07:18:39



11AX40MIMO_Ant1_5670



Date: 11.JUN.2022 07:20:35

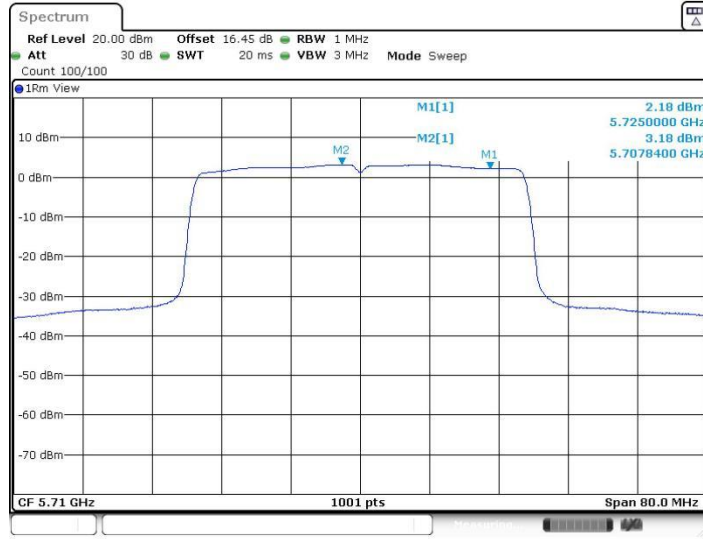
11AX40MIMO_Ant2_5670



Date: 11.JUN.2022 07:21:32

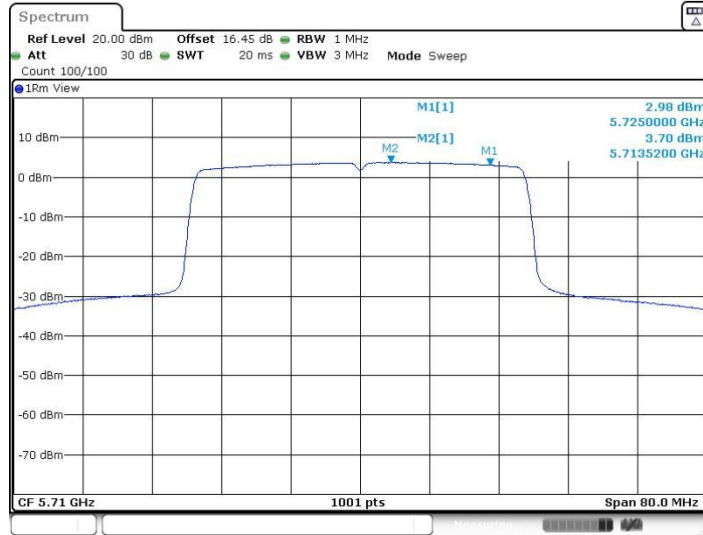


11AX40MIMO_Ant1_5710_UNII-2C

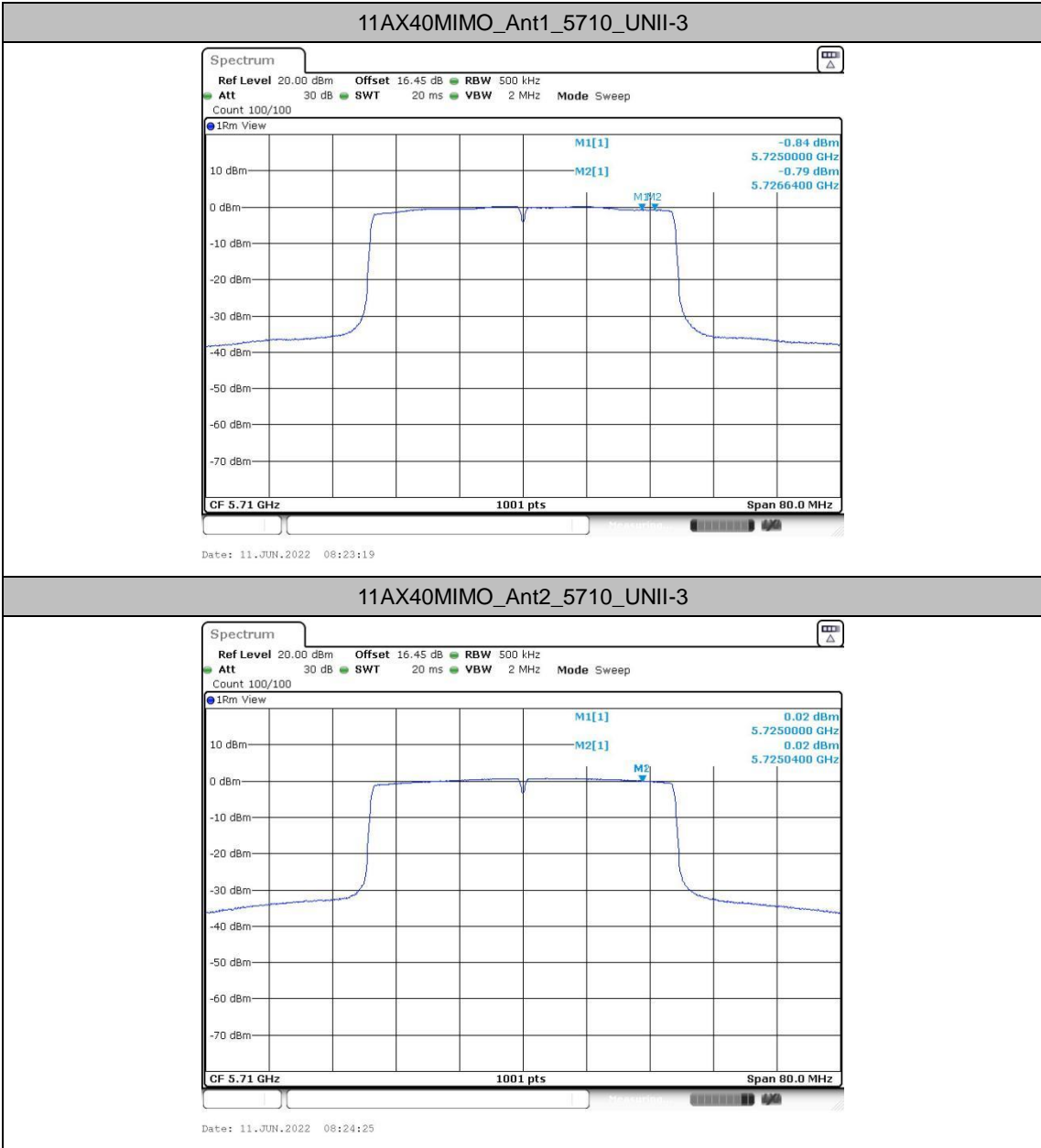


Date: 11.JUN.2022 08:23:09

11AX40MIMO_Ant2_5710_UNII-2C

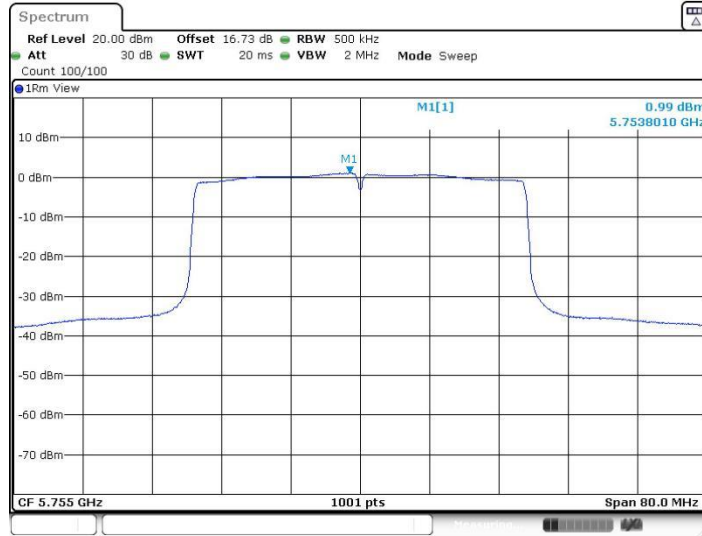


Date: 11.JUN.2022 08:24:15



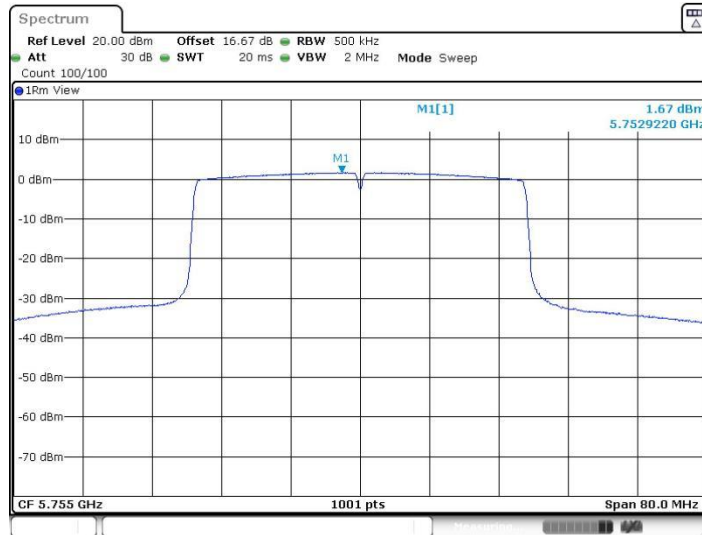


11AX40MIMO_Ant1_5755



Date: 11.JUN.2022 07:22:56

11AX40MIMO_Ant2_5755



Date: 11.JUN.2022 07:24:00



11AX40MIMO_Ant1_5795



Date: 11.JUN.2022 07:25:31

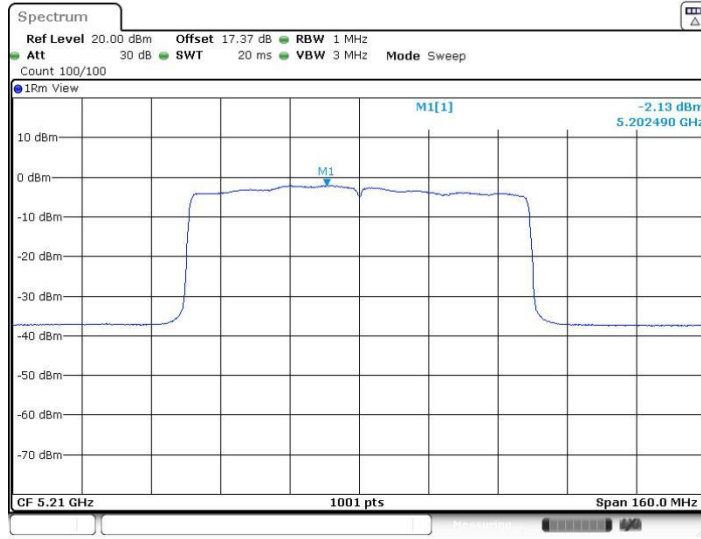
11AX40MIMO_Ant2_5795



Date: 11.JUN.2022 07:26:36



11AX80MIMO_Ant1_5210



Date: 21.JUN.2022 15:39:28

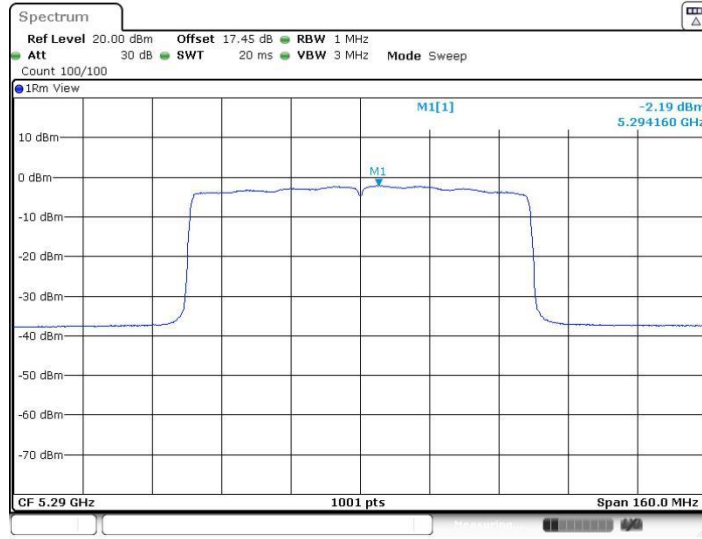
11AX80MIMO_Ant2_5210



Date: 21.JUN.2022 15:39:39

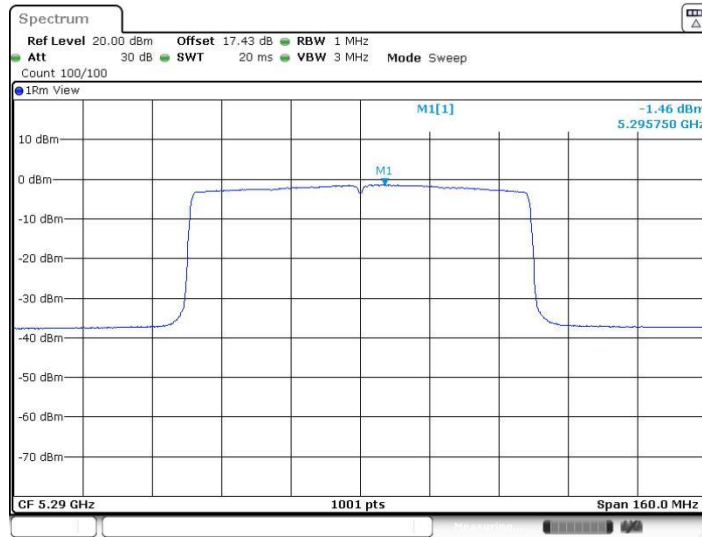


11AX80MIMO_Ant1_5290



Date: 21.JUN.2022 15:40:26

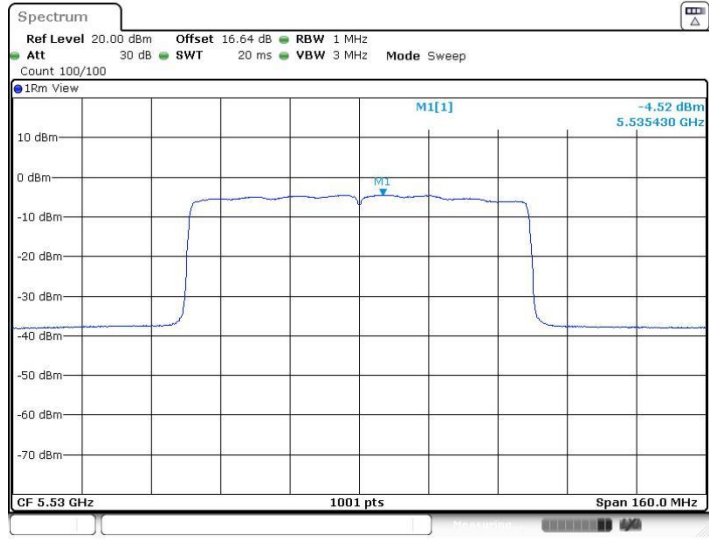
11AX80MIMO_Ant2_5290



Date: 21.JUN.2022 15:40:36



11AX80MIMO_Ant1_5530



Date: 21.JUN.2022 15:41:48

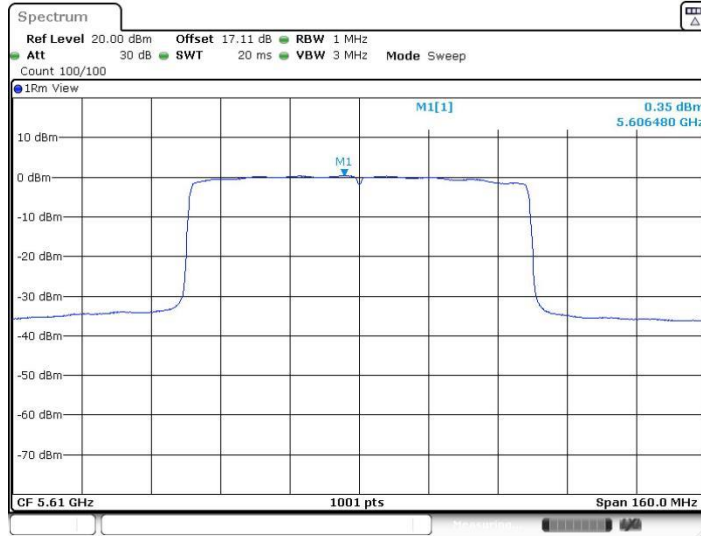
11AX80MIMO_Ant2_5530



Date: 21.JUN.2022 15:41:59



11AX80MIMO_Ant1_5610



Date: 11.JUN.2022 07:36:01

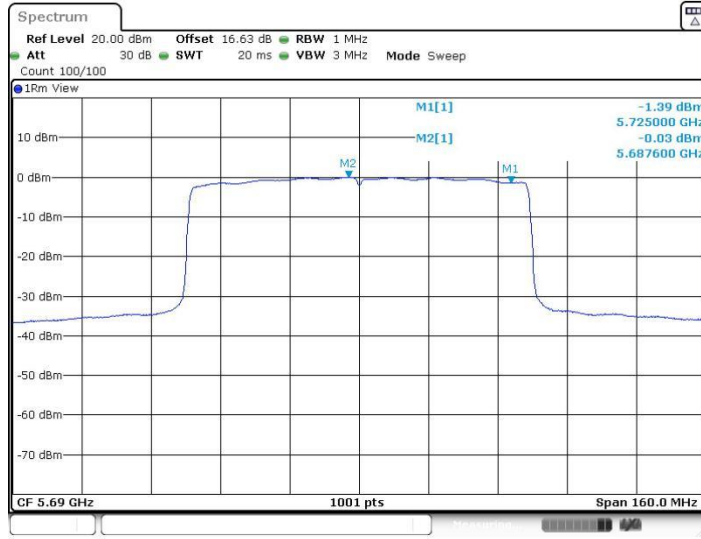
11AX80MIMO_Ant2_5610



Date: 11.JUN.2022 07:37:02

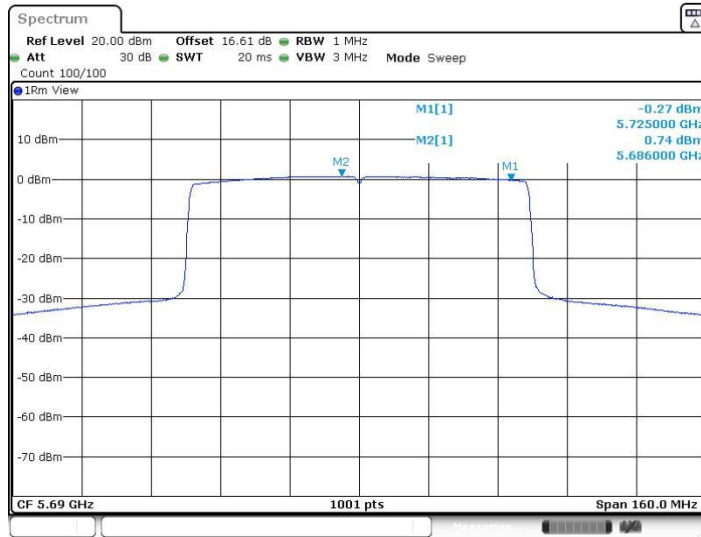


11AX80MIMO_Ant1_5690_UNII-2C



Date: 11.JUN.2022 08:26:02

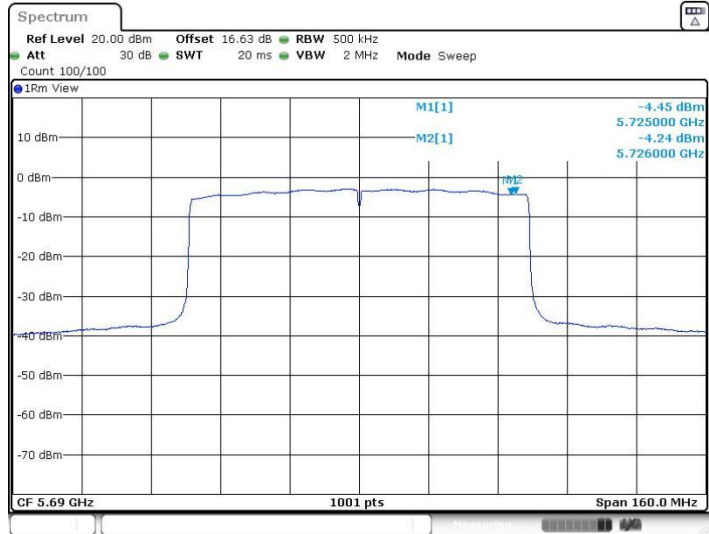
11AX80MIMO_Ant2_5690_UNII-2C



Date: 11.JUN.2022 08:27:16

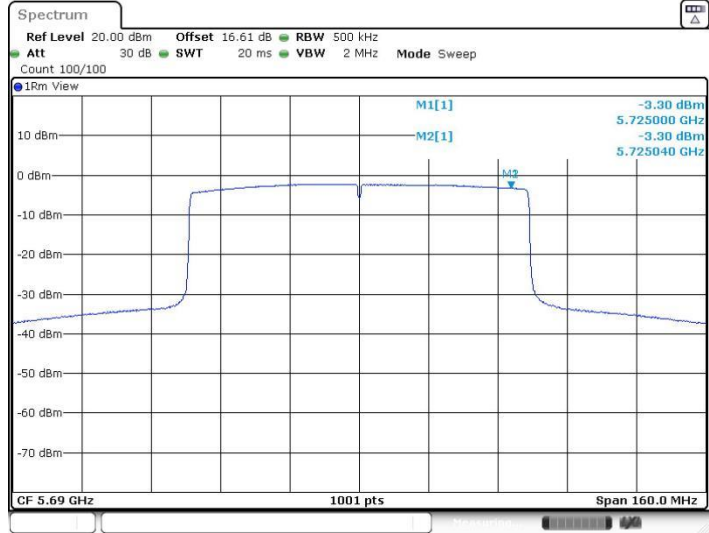


11AX80MIMO_Ant1_5690_UNII-3



Date: 11.JUN.2022 08:26:12

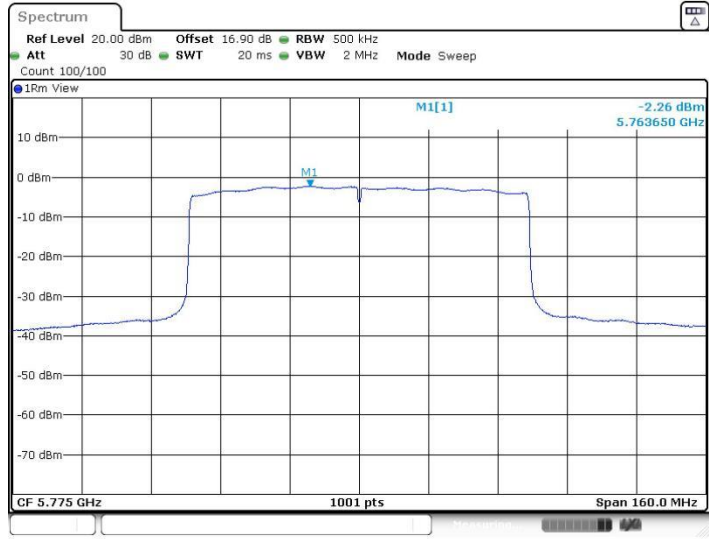
11AX80MIMO_Ant2_5690_UNII-3



Date: 11.JUN.2022 08:27:26

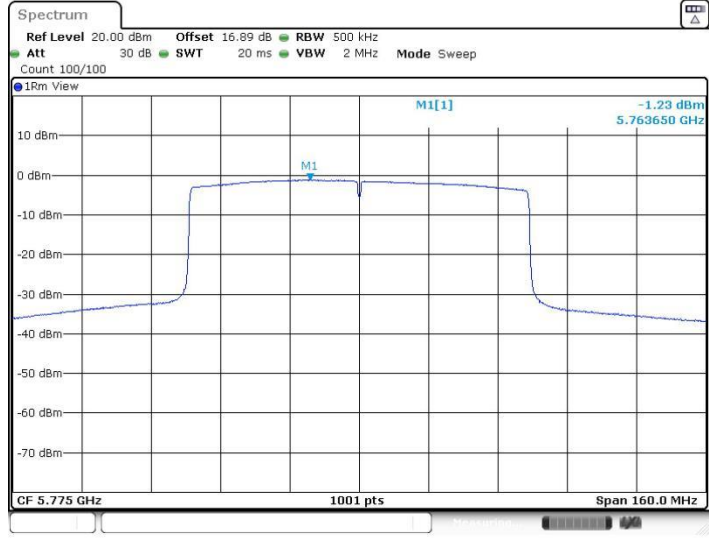


11AX80MIMO_Ant1_5775



Date: 11.JUN.2022 07:38:55

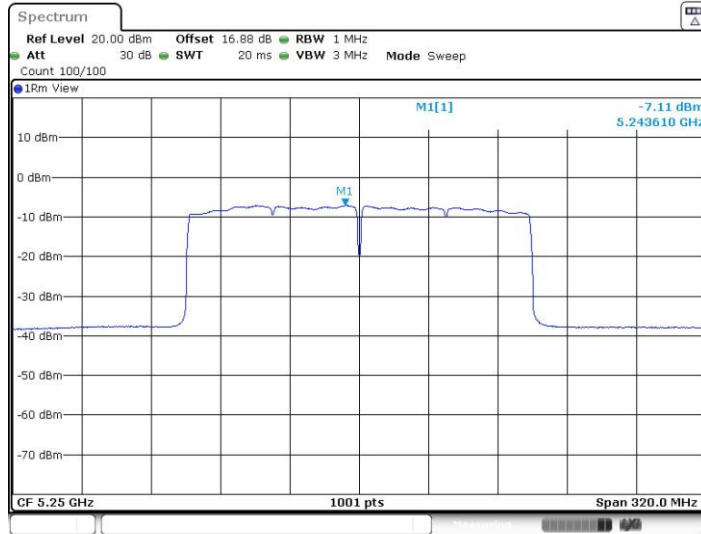
11AX80MIMO_Ant2_5775



Date: 11.JUN.2022 07:39:53

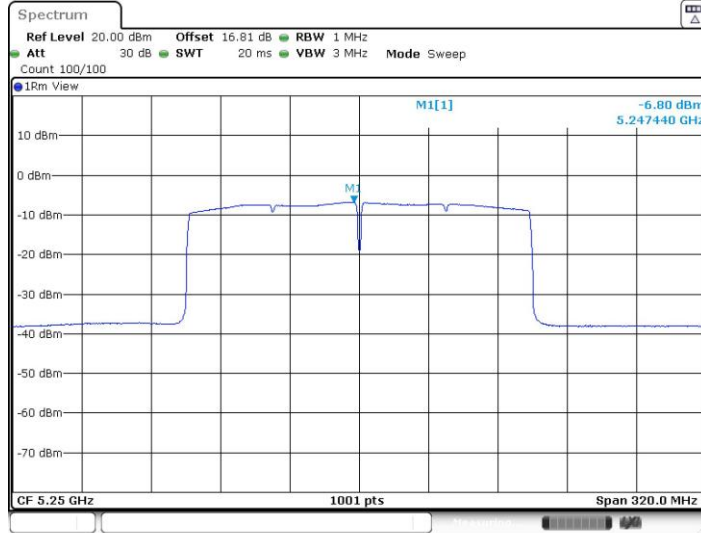


11AX160MIMO_Ant1_5250



Date: 9.JUL.2022 09:52:45

11AX160MIMO_Ant2_5250



Date: 9.JUL.2022 09:53:37



11AX160MIMO_Ant1_5570



Date: 9.JUL.2022 09:54:45

11AX160MIMO_Ant2_5570

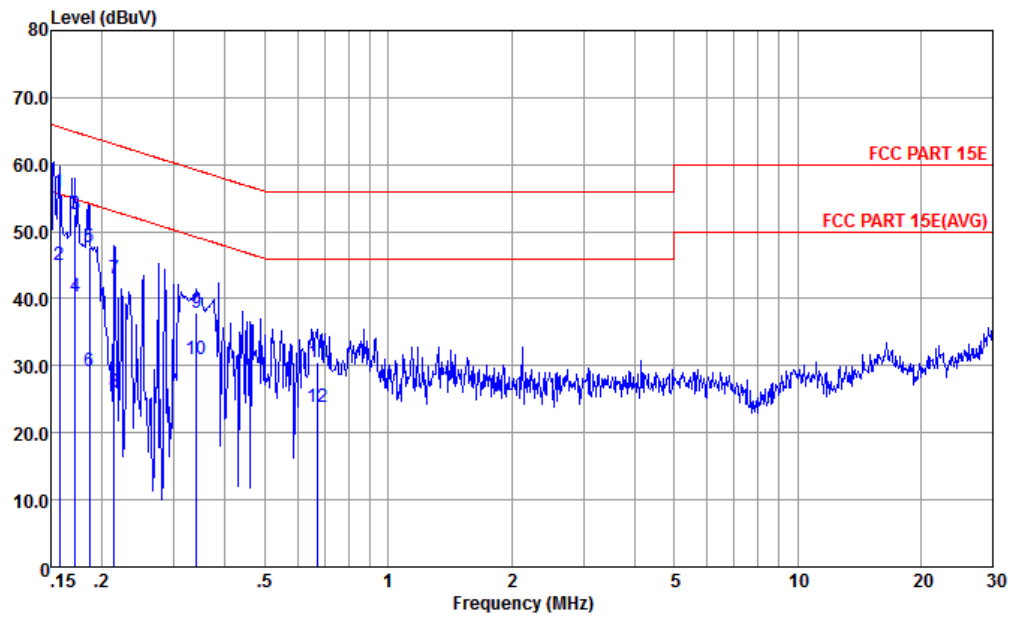


Date: 9.JUL.2022 09:55:35



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhao	Temperature :	25.3~26.2°C
		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.		

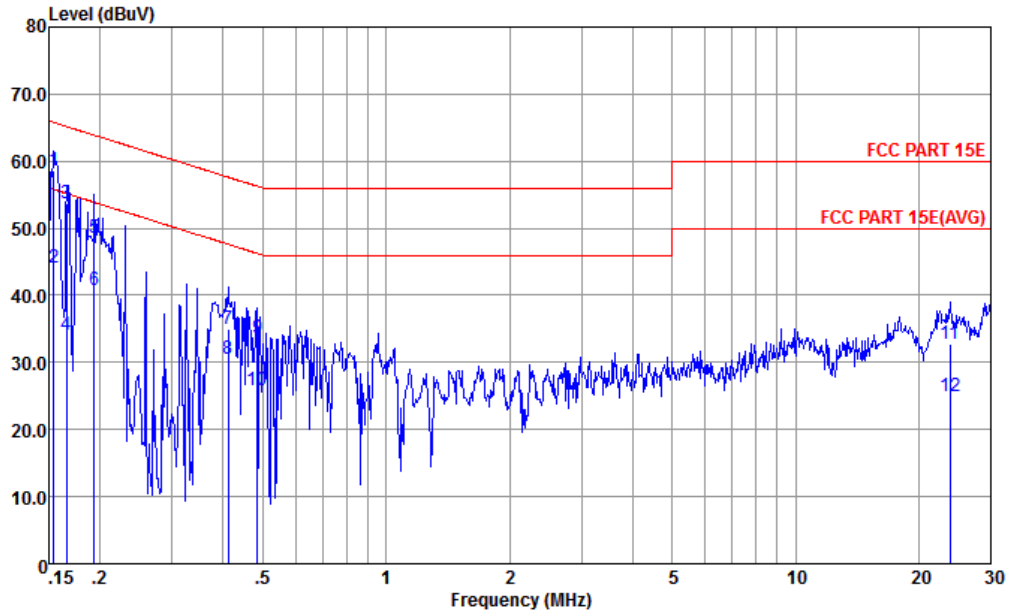


Site : CO01-KS
 Condition : FCC PART 15E LISN-060105-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.157	55.98	-9.62	65.60	45.50	0.02	10.46	QP
2	0.157	45.08	-10.52	55.60	34.60	0.02	10.46	Average
3	0.172	52.65	-12.21	64.86	42.20	0.03	10.42	QP
4	0.172	40.25	-14.61	54.86	29.80	0.03	10.42	Average
5	0.186	47.63	-16.57	64.20	37.20	0.04	10.39	QP
6	0.186	29.23	-24.97	54.20	18.80	0.04	10.39	Average
7	0.214	42.90	-20.15	63.05	32.50	0.05	10.35	QP
8	0.214	26.00	-27.05	53.05	15.60	0.05	10.35	Average
9	0.341	37.87	-21.31	59.18	27.50	0.08	10.29	QP
10	0.341	30.97	-18.21	49.18	20.60	0.08	10.29	Average
11	0.672	30.55	-25.45	56.00	20.20	0.11	10.24	QP
12	0.672	23.85	-22.15	46.00	13.50	0.11	10.24	Average



Test Engineer :	Amos Zhao	Temperature :	25.3~26.2°C
		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 : FCC PART 15E LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1 *	0.154	58.68	-7.10	65.78	48.10	0.11	10.47	QP
2	0.154	44.18	-11.60	55.78	33.60	0.11	10.47	Average
3	0.166	53.65	-11.51	65.16	43.10	0.11	10.44	QP
4	0.166	34.15	-21.01	55.16	23.60	0.11	10.44	Average
5	0.193	48.68	-15.21	63.89	38.20	0.10	10.38	QP
6	0.193	40.78	-13.11	53.89	30.30	0.10	10.38	Average
7	0.410	34.97	-22.67	57.64	24.60	0.11	10.26	QP
8	0.410	30.57	-17.07	47.64	20.20	0.11	10.26	Average
9	0.484	33.65	-22.62	56.27	23.30	0.11	10.24	QP
10	0.484	25.95	-20.32	46.27	15.60	0.11	10.24	Average
11	23.888	32.81	-27.19	60.00	21.60	0.66	10.55	QP
12	23.888	25.01	-24.99	50.00	13.80	0.66	10.55	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- 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	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.44	63.63	-10.37	74	47.92	34.4	10.62	29.31	100	280	P	H
		5150	50.92	-3.08	54	35.21	34.4	10.62	29.31	100	280	A	H
	*	5188	109.32	-	-	93.56	34.47	10.63	29.34	100	280	P	H
		5188	102.19	-	-	86.43	34.47	10.63	29.34	100	280	A	H
		5149.92	62.94	-11.06	74	47.23	34.4	10.62	29.31	318	263	P	V
		5150	50.98	-3.02	54	35.27	34.4	10.62	29.31	318	263	A	V
	*	5188	109.36	-	-	93.6	34.47	10.63	29.34	318	263	P	V
		5188	103.67	-	-	87.91	34.47	10.63	29.34	318	263	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	45.81	-22.49	68.3	59.3	37.41	15.56	66.46	100	360	P	H
		10360	45.64	-22.66	68.3	59.13	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.												



UNII-1 5150~5250MHz
WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 2+6	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		5121.6	58.84	-15.16	74	43.18	34.33	10.61	29.28	100	334	P	H
		5102.24	48.08	-5.92	54	32.44	34.3	10.6	29.26	100	334	A	H
		5170	109.5	-	-	93.78	34.43	10.63	29.34	100	334	P	H
		5170	102.31	-	-	86.59	34.43	10.63	29.34	100	334	A	H
		5115.52	58.11	-15.89	74	42.43	34.33	10.61	29.26	314	72	P	V
		5101.44	48	-6	54	32.36	34.3	10.6	29.26	314	72	A	V
		5170	108.86	-	-	93.14	34.43	10.63	29.34	314	72	P	V
		5170	101.92	-	-	86.2	34.43	10.63	29.34	314	72	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 HE80 Full (Band Edge @ 3m)

WIFI Ant. 2+6	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		5134.56	61.12	-12.88	74	45.42	34.37	10.61	29.28	100	88	P	H
		5144.64	50.61	-3.39	54	34.9	34.4	10.62	29.31	100	88	A	H
	*	5206	102.25	-	-	86.47	34.5	10.64	29.36	100	88	P	H
		5206	94.11	-	-	78.33	34.5	10.64	29.36	100	88	A	H
		5360.94	56.2	-17.8	74	40.37	34.5	10.85	29.52	100	88	P	H
		5352.84	45.95	-8.05	54	30.14	34.5	10.83	29.52	100	88	A	H
		5138.08	60.37	-13.63	74	44.67	34.37	10.61	29.28	283	85	P	V
		5150	50.37	-3.63	54	34.66	34.4	10.62	29.31	283	85	A	V
	*	5200	101.21	-	-	85.43	34.5	10.64	29.36	283	85	P	V
		5200	93.15	-	-	77.37	34.5	10.64	29.36	283	85	A	V
		5387.94	56.37	-17.63	74	40.55	34.5	10.87	29.55	283	85	P	V
		5350.14	45.92	-8.08	54	30.11	34.5	10.83	29.52	283	85	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 HE80 Full (Harmonic @ 3m)

WIFI Ant. 2+6	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	44.91	-23.39	68.3	58.25	37.47	15.59	66.4	100	360	P	H
CH 42 5210MHz		10421	45.73	-22.57	68.3	59.07	37.47	15.59	66.4	300	360	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. 2+6	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		5136	61.75	-12.25	74	46.05	34.37	10.61	29.28	100	90	P	H
		5144.8	50.69	-3.31	54	34.98	34.4	10.62	29.31	100	90	A	H
	*	5284	99.78	-	-	83.98	34.5	10.74	29.44	100	90	P	H
		5284	91.1	-	-	75.3	34.5	10.74	29.44	100	90	A	H
		5363.46	60.33	-13.67	74	44.5	34.5	10.85	29.52	100	90	P	H
		5373.54	49.39	-4.61	54	33.59	34.5	10.85	29.55	100	90	A	H
		5139.68	60.54	-13.46	74	44.8	34.4	10.62	29.28	306	85	P	V
		5140	50.04	-3.96	54	34.3	34.4	10.62	29.28	306	85	A	V
	*	5260	98.61	-	-	82.81	34.5	10.72	29.42	306	85	P	V
		5260	90.4	-	-	74.6	34.5	10.72	29.42	306	85	A	V
	5368.32	59.52	-14.48	74	43.69	34.5	10.85	29.52	306	85	P	V	
	5369.58	49.1	-4.9	54	33.27	34.5	10.85	29.52	306	85	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. 2+6	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	45.53	-22.77	68.3	58.65	37.56	15.63	66.31	100	0	P	H
CH 50 5250MHz		10498	44.24	-24.06	68.3	57.36	37.56	15.63	66.31	100	360	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 Partial 996 (Band Edge @ 3m)

WIFI Ant. 2+6	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 Partial 996/S67 CH 50 5250MHz		5127.52	65.45	-8.55	74	49.75	34.37	10.61	29.28	100	301	P	H
		5147.68	48.48	-5.52	54	32.77	34.4	10.62	29.31	100	301	A	H
		5236	97.63	-	-	81.84	34.5	10.68	29.39	100	301	P	H
		5236	88.79	-	-	73	34.5	10.68	29.39	100	301	A	H
		5352.7	61.12	-12.88	74	45.31	34.5	10.83	29.52	100	301	P	H
		5353.5	46.23	-7.77	54	30.42	34.5	10.83	29.52	100	301	A	H
		5140.48	62.56	-11.44	74	46.82	34.4	10.62	29.28	312	84	P	V
		5140	48.6	-5.4	54	32.86	34.4	10.62	29.28	312	84	A	V
		5188	97.14	-	-	81.38	34.47	10.63	29.34	312	84	P	V
		5188	88	-	-	72.24	34.47	10.63	29.34	312	84	A	V
	5352.5	60.17	-13.83	74	44.36	34.5	10.83	29.52	312	84	P	V	
	5350	46.22	-7.78	54	30.41	34.5	10.83	29.52	312	84	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 Partial 242 (Band Edge @ 3m)

WIFI Ant. 2+6	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 Partial 242/62 CH 62 5310MHz		5134.72	57.57	-16.43	74	41.87	34.37	10.61	29.28	100	271	P	H
		5101.12	47.9	-6.1	54	32.26	34.3	10.6	29.26	100	271	A	H
		5320	107.76	-	-	91.94	34.5	10.79	29.47	100	271	P	H
		5320	99.86	-	-	84.04	34.5	10.79	29.47	100	271	A	H
		5355.4	69.11	-4.89	74	53.3	34.5	10.83	29.52	100	271	P	H
		5355.8	50.76	-3.24	54	34.95	34.5	10.83	29.52	100	271	A	H
		5109.76	58.1	-15.9	74	42.42	34.33	10.61	29.26	296	263	P	V
		5100.48	47.91	-6.09	54	32.27	34.3	10.6	29.26	296	263	A	V
		5320	106.88	-	-	91.06	34.5	10.79	29.47	296	263	P	V
		5320	99.54	-	-	83.72	34.5	10.79	29.47	296	263	A	V
		5354.2	70.71	-3.29	74	54.9	34.5	10.83	29.52	296	263	P	V
		5350	48.31	-5.69	54	32.5	34.5	10.83	29.52	296	263	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. 2+6	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		5453.36	58.25	-15.75	74	42.38	34.53	10.97	29.63	103	87	P	H
		5466.16	62.79	-5.51	68.3	46.9	34.53	10.99	29.63	103	87	P	H
		5460	48.42	-5.58	54	32.55	34.53	10.97	29.63	103	87	A	H
	*	5524	107.42	-	-	91.48	34.56	11.06	29.68	103	87	P	H
		5524	98.88	-	-	82.94	34.56	11.06	29.68	103	87	A	H
		5758.12	57.82	-10.48	68.3	41.31	34.93	11.35	29.77	103	87	P	H
		5459.28	58.74	-15.26	74	42.87	34.53	10.97	29.63	300	89	P	V
		5467.44	64.76	-3.54	68.3	48.87	34.53	10.99	29.63	300	89	P	V
		5458.32	48.55	-5.45	54	32.68	34.53	10.97	29.63	300	89	A	V
	*	5506	103.96	-	-	88.05	34.55	11.04	29.68	300	89	P	V
		5506	96.54	-	-	80.63	34.55	11.04	29.68	300	89	A	V
		5749.32	58.1	-10.2	68.3	41.65	34.89	11.34	29.78	300	89	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. 2+6	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		11015	44.91	-29.09	74	56.61	38.11	15.91	65.72	300	360	P	H
		11015	44.87	-29.13	74	56.57	38.11	15.91	65.72	100	360	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 Partial 484 (Band Edge @ 3m)

WIFI Ant. 2+6	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 Partial 484/65 CH 106 5530MHz		5435.76	61.69	-12.31	74	45.83	34.52	10.94	29.6	101	265	P	H
		5469.04	64.13	-4.17	68.3	48.24	34.53	10.99	29.63	101	265	P	H
		5456.24	46.8	-7.2	54	30.93	34.53	10.97	29.63	101	265	A	H
		5506	104.4	-	-	88.49	34.55	11.04	29.68	101	265	P	H
		5506	95.07	-	-	79.16	34.55	11.04	29.68	101	265	A	H
		5759.64	57.85	-10.45	68.3	41.34	34.93	11.35	29.77	101	265	P	H
		5459.76	63.35	-10.65	74	47.48	34.53	10.97	29.63	295	263	P	V
		5463.44	65.26	-3.04	68.3	49.37	34.53	10.99	29.63	295	263	P	V
		5459.12	47.01	-6.99	54	31.14	34.53	10.97	29.63	295	263	A	V
		5500	103.43	-	-	87.49	34.55	11.04	29.65	295	263	P	V
	5500	93.87	-	-	77.93	34.55	11.04	29.65	295	263	A	V	
	5728.92	59	-9.3	68.3	42.62	34.85	11.32	29.79	295	263	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 Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a LF		30	23.55	-16.45	40	30.67	24.8	0.88	32.8	-	-	P	H
		63.95	30.96	-9.04	40	50.82	11.8	1.27	32.93	-	-	P	H
		160.95	37.77	-5.73	43.5	52.14	16.53	2.02	32.92	-	-	P	H
		317.12	32.59	-13.41	46	43.15	19.55	2.86	32.97	-	-	P	H
		381.14	34.53	-11.47	46	43.3	21.08	3.12	32.97	-	-	P	H
		612	29.79	-16.21	46	33.3	25.82	3.95	33.28	-	-	P	H
		67.83	29.12	-10.88	40	48.76	11.98	1.31	32.93	-	-	P	V
		184.23	34.89	-8.61	43.5	50.19	15.49	2.17	32.96	-	-	P	V
		209.45	37.82	-5.68	43.5	52.98	15.51	2.32	32.99	-	-	P	V
		247.28	39.55	-6.45	46	51.74	18.29	2.53	33.01	-	-	P	V
		372.41	33.39	-12.61	46	42.43	20.83	3.09	32.96	-	-	P	V
	557.68	32.95	-13.05	46	37.32	25.19	3.77	33.33	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



UNII-3 - 5725~5850MHz

WIFI 802.11ax HE20_Full (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.	
2+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 165 5825MHz		5824	108.25	-	-	91.55	35.05	11.41	29.76	100	236	P	H
		5824	101.1	-	-	84.4	35.05	11.41	29.76	100	236	P	H
		5854	64.03	-49.15	113.18	47.25	35.1	11.43	29.75	100	236	P	H
		5855.69	62.44	-48.27	110.71	45.66	35.1	11.43	29.75	100	236	P	H
		5884.8	58.15	-39.87	98.02	41.39	35.12	11.44	29.8	100	236	P	H
		5985.2	58.02	-10.28	68.3	41.1	35.27	11.51	29.86	100	236	A	H
		5818	107.2	-	-	90.53	35.03	11.4	29.76	297	97	P	V
		5818	96.89	-	-	80.22	35.03	11.4	29.76	297	97	P	V
		5850	64.57	-57.73	122.3	47.82	35.08	11.42	29.75	297	97	P	V
		5858	57.44	-52.62	110.06	40.68	35.1	11.43	29.77	297	97	P	V
		5904.8	58.24	-24.97	83.21	41.4	35.17	11.47	29.8	297	97	P	V
	5946	59.05	-9.25	68.3	42.18	35.22	11.49	29.84	297	97	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

UNII-3 5725~5850MHz

WIFI 802.11ax HE20_Full (Harmonic @ 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.	
2+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 165 5825MHz		11653	44.75	-29.25	74	55.38	38.5	16.23	65.36	100	0	P	H
		11653	44.94	-29.06	74	55.57	38.5	16.23	65.36	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 2+6	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 106/54 CH 165 5825MHz		5836	108.75	-	-	92.04	35.05	11.41	29.75	100	235	P	H
		5836	98.55	-	-	81.84	35.05	11.41	29.75	100	235	P	H
		5850.4	56.49	-64.9	121.39	39.74	35.08	11.42	29.75	100	235	P	H
		5858.8	57.6	-52.23	109.83	40.84	35.1	11.43	29.77	100	235	P	H
		5878	58.46	-44.61	103.07	41.67	35.12	11.44	29.77	100	235	P	H
		5964	57.75	-10.55	68.3	40.86	35.25	11.5	29.86	100	235	A	H
		5830	105.94	-	-	89.24	35.05	11.41	29.76	295	100	P	V
		5830	97.71	-	-	81.01	35.05	11.41	29.76	295	100	P	V
		5851.2	56.81	-62.75	119.56	40.06	35.08	11.42	29.75	295	100	P	V
		5869.6	57.95	-48.86	106.81	41.19	35.1	11.43	29.77	295	100	P	V
	5894	59.02	-32.18	91.2	42.22	35.15	11.45	29.8	295	100	P	V	
	5933.2	58.57	-9.73	68.3	41.71	35.2	11.48	29.82	295	100	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-3 5725~5850MHz
WIFI 802.11ax HE40_Full (Band Edge @ 3m)

WIFI Ant. 2+6	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 159 5795MHz		5647.2	56.51	-11.79	68.3	40.42	34.67	11.23	29.81	100	235	P	H
		5685.6	57.47	-37.21	94.68	41.21	34.78	11.28	29.8	100	235	P	H
		5702	57.55	-48.31	105.86	41.23	34.82	11.3	29.8	100	235	P	H
		5720	56.11	-54.79	110.9	39.73	34.85	11.32	29.79	100	235	P	H
		5806	107.43	-	-	90.76	35.03	11.4	29.76	100	235	P	H
		5806	99.01	-	-	82.34	35.03	11.4	29.76	100	235	A	H
		5850	59.58	-62.72	122.3	42.83	35.08	11.42	29.75	100	235	P	H
		5865.2	58.04	-50	108.04	41.28	35.1	11.43	29.77	100	235	P	H
		5886.4	58.22	-38.62	96.84	41.46	35.12	11.44	29.8	100	235	P	H
		5947.2	58.99	-9.31	68.3	42.12	35.22	11.49	29.84	100	235	P	H
		5628.8	57.25	-11.05	68.3	41.21	34.64	11.21	29.81	313	100	P	V
		5697.6	57.71	-45.82	103.53	41.45	34.78	11.28	29.8	313	100	P	V
		5707.6	57.11	-50.32	107.43	40.78	34.82	11.3	29.79	313	100	P	V
		5720.8	56.69	-56.03	112.72	40.31	34.85	11.32	29.79	313	100	P	V
		5788	102.96	-	-	86.33	35	11.39	29.76	313	100	P	V
		5788	95.22	-	-	78.59	35	11.39	29.76	313	100	A	V
		5850.8	56.5	-63.98	120.48	39.75	35.08	11.42	29.75	313	100	P	V
		5873.2	57.36	-48.44	105.8	40.57	35.12	11.44	29.77	313	100	P	V
	5922.8	58.45	-11.47	69.92	41.59	35.2	11.48	29.82	313	100	P	V	
	5973.6	57.63	-10.67	68.3	40.71	35.27	11.51	29.86	313	100	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



UNII-3 5725~5850MHz
WIFI 802.11ax HE40_Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 2+6, 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). Rows include test results for 802.11ax HE40 Full and CH 159 5795MHz, and a Remark section.



UNII-3 5725~5850MHz
WIFI 802.11ax HE40_Partial 242 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 2+6, 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). Rows include test data for frequencies from 5621.6 to 5941.2 MHz and a Remark section at the bottom.



UNII-3 5725~5850MHz
WIFI 802.11ax HE80_Full (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 2+6, 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). Rows include test data for 802.11ax HE80 Full CH 155 5775MHz and a Remark section.



UNII-3 5725~5850MHz
WIFI 802.11ax HE80_Full (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 2+6, 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). It contains two rows of test data for 802.11ax HE80 Full and CH 155 5775MHz.

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



UNII-3 5725~5850MHz
WIFI 802.11ax HE80_Partial 484 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 2+6, 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). Rows include test data for frequencies from 5630 to 5948.8 MHz and a Remark section at the bottom.



Emission below 1GHz

WIFI 802.11ax HE80_Partial 484 (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2+6		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
WIFI 802.11ax HE80 _Partial 484 LF		35.82	28	-12	40	38.08	21.82	0.97	32.87	-	-	P	H
		73.65	25.12	-14.88	40	44.01	12.66	1.36	32.91	-	-	P	H
		191.02	28.45	-15.05	43.5	44.02	15.19	2.21	32.97	-	-	P	H
		288.02	26.22	-19.78	46	37.45	19.04	2.73	33	-	-	P	H
		384.05	25.5	-20.5	46	34.19	21.16	3.13	32.98	-	-	P	H
		607.15	31.41	-14.59	46	34.98	25.77	3.94	33.28	-	-	P	H
		33.88	36.45	-3.55	40	45.47	22.88	0.94	32.84	-	-	P	V
		73.65	26.92	-13.08	40	45.81	12.66	1.36	32.91	-	-	P	V
		199.75	28.23	-15.27	43.5	44.15	14.8	2.27	32.99	-	-	P	V
		320.03	24.56	-21.44	46	35.04	19.6	2.88	32.96	-	-	P	V
		508.21	28.86	-17.14	46	34.63	24	3.6	33.37	-	-	P	V
	607.15	34.73	-11.27	46	38.3	25.77	3.94	33.28	-	-	P	V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Co-location

BLE(2M)_Ch39 Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link
(Band Edge @ 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	*	2488.78	57.15	-16.85	74	48.35	32.15	7.32	30.67	195	124	P	H
	*	2483.5	48.39	-5.61	54	39.66	32.12	7.28	30.67	195	124	A	H
		2480	97.98	-	-	89.25	32.12	7.28	30.67	195	124	P	H
		2480	93.86	-	-	85.13	32.12	7.28	30.67	195	124	A	H
	*	2494.54	57.5	-16.5	74	48.63	32.15	7.32	30.6	376	244	P	V
	*	2485.24	47.99	-6.01	54	39.26	32.12	7.28	30.67	376	244	A	V
		2480	94.23	-	-	85.5	32.12	7.28	30.67	376	244	P	V
		2480	92.22	-	-	83.49	32.12	7.28	30.67	376	244	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE(2M)_Ch39 Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link
(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		4965	41.2	-32.8	74	62.04	34.1	10.51	65.45	300	0	P	H
		7440	42.2	-31.8	74	58.85	35.8	12.88	65.33	300	0	P	H
		4965	41.18	-32.82	74	62.02	34.1	10.51	65.45	100	0	P	V
		7440	41.48	-32.52	74	58.13	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.												



**BLE(2M)_Ch39 Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link
(Band Edge @ 3m)**

WIFI	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)
802.11a CH 36 5180MHz		5146.88	59.9	-14.1	74	44.19	34.4	10.62	29.31	100	273	P	H
		5150	48.94	-5.06	54	33.23	34.4	10.62	29.31	100	273	A	H
	*	5176	109.12	-	-	93.36	34.47	10.63	29.34	100	273	P	H
		5176	101.36	-	-	85.6	34.47	10.63	29.34	100	273	A	H
		5150	65.03	-8.97	74	49.32	34.4	10.62	29.31	299	260	P	V
		5150	50.35	-3.65	54	34.64	34.4	10.62	29.31	299	260	A	V
	*	5188	110.21	-	-	94.45	34.47	10.63	29.34	299	260	P	V
		5188	102.93	-	-	87.17	34.47	10.63	29.34	299	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**BLE(2M)_Ch39 Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link
(Harmonic @ 3m)**

WIFI	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)
802.11a CH 36 5180MHz		10355	44.5	-23.8	68.3	58.04	37.39	15.55	66.48	100	0	P	H
		10355	44.39	-23.91	68.3	57.93	37.39	15.55	66.48	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11 ax HE40 Full Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link

(Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Limit Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 09 2452MHz		2484.64	67.07	-6.93	74	58.34	32.12	7.28	30.67	359	111	P	H
		2485.72	47.85	-6.15	54	39.12	32.12	7.28	30.67	359	111	A	H
	*	2436	108.27	-	-	99.84	32.05	7.19	30.81	359	111	P	H
	*	2436	98.1	-	-	89.67	32.05	7.19	30.81	359	111	A	H
		2483.92	62.65	-11.35	74	53.92	32.12	7.28	30.67	338	227	P	V
		2483.5	47.96	-6.04	54	39.23	32.12	7.28	30.67	338	227	A	V
	*	2440	103.27	-	-	94.78	32.08	7.22	30.81	338	227	P	V
	2440	93.83	-	-	85.34	32.08	7.22	30.81	338	227	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11 ax HE40 Full Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link

(Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Limit Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full CH 09 2452MHz		4905	39.96	-34.04	74	60.86	34.1	10.44	65.44	100	360	P	H
		7350	42.19	-31.81	74	58.84	35.8	12.83	65.28	100	360	P	H
		4904	40.32	-33.68	74	61.22	34.1	10.44	65.44	100	0	P	V
		7350	41.64	-32.36	74	58.29	35.8	12.83	65.28	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11 ax HE40 Full Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link

(Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.52	64.02	-9.98	74	48.31	34.4	10.62	29.31	100	93	P	H
		5150	49.71	-4.29	54	34	34.4	10.62	29.31	100	93	A	H
	*	5182	108.44	-	-	92.68	34.47	10.63	29.34	100	93	P	H
		5182	101.31	-	-	85.55	34.47	10.63	29.34	100	93	A	H
		5149.76	62.75	-11.25	74	47.04	34.4	10.62	29.31	355	259	P	V
		5150	49.85	-4.15	54	34.14	34.4	10.62	29.31	355	259	A	V
	*	5176	106.96	-	-	91.2	34.47	10.63	29.34	355	259	P	V
		5176	99.43	-	-	83.67	34.47	10.63	29.34	355	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11 ax HE40 Full Tx & WIFI 802.11a CH36 Tx & Part 96 _B48_BW_20M Link

(Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10355	44.43	-23.87	68.3	57.97	37.39	15.55	66.48	300	0	P	H
		10355	46.11	-22.19	68.3	59.65	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.												



Note symbol

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



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		(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)

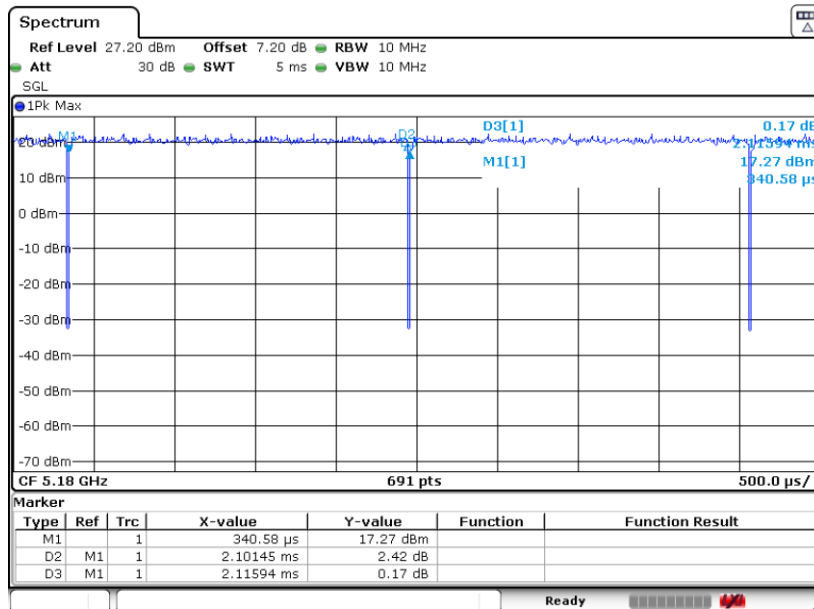
Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	99.32	-	-	10Hz
802.11ax HE20	100	-	-	10Hz
802.11ax HE40	100	-	-	10HZ
802.11ax HE80	100	-	-	10HZ
802.11ax HE160	100	-	-	10HZ

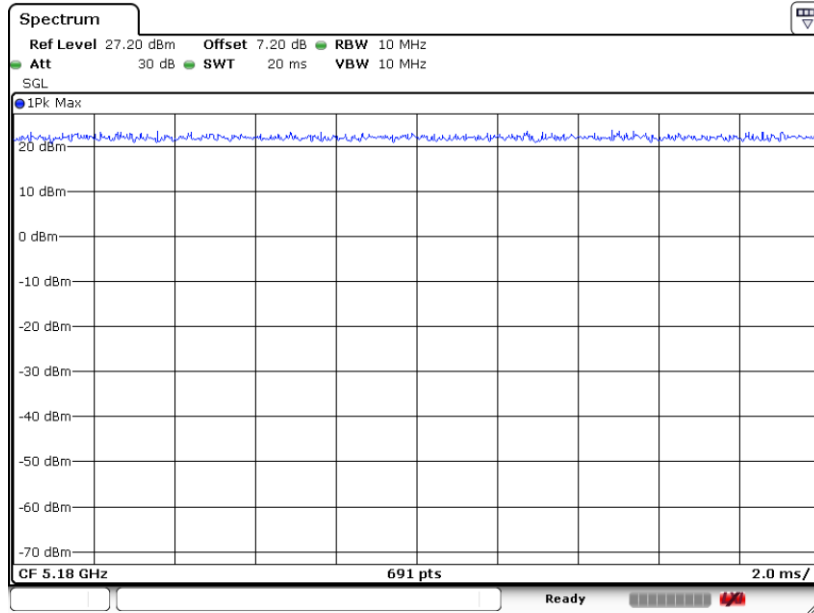
802.11a



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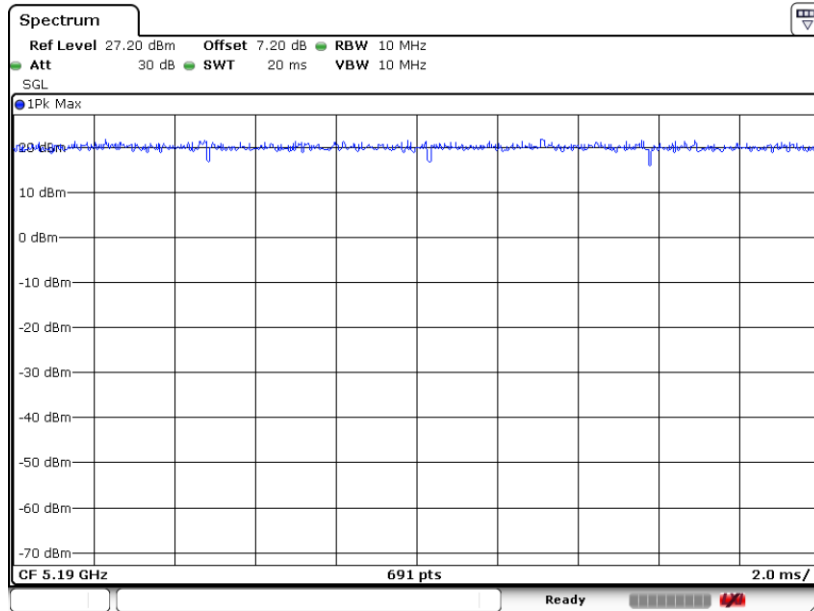


802.11ax HE20



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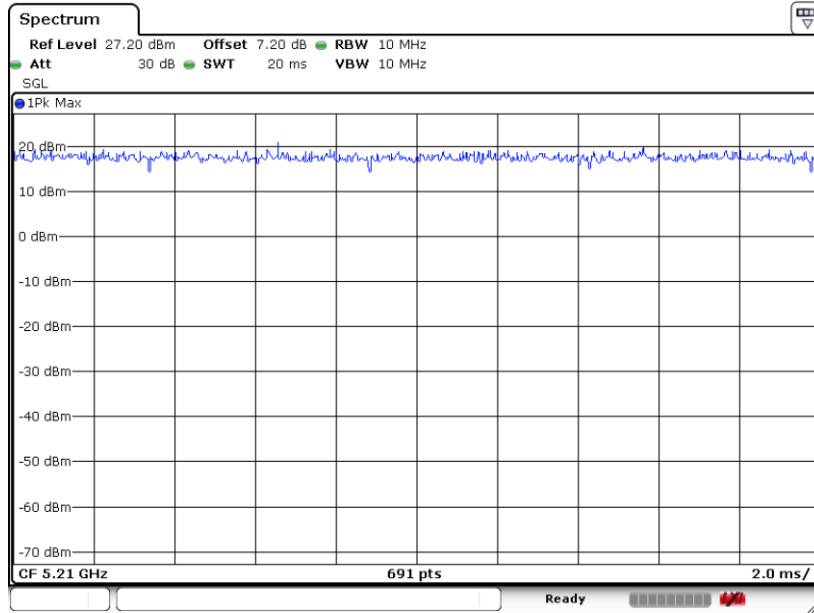
802.11ax HE40



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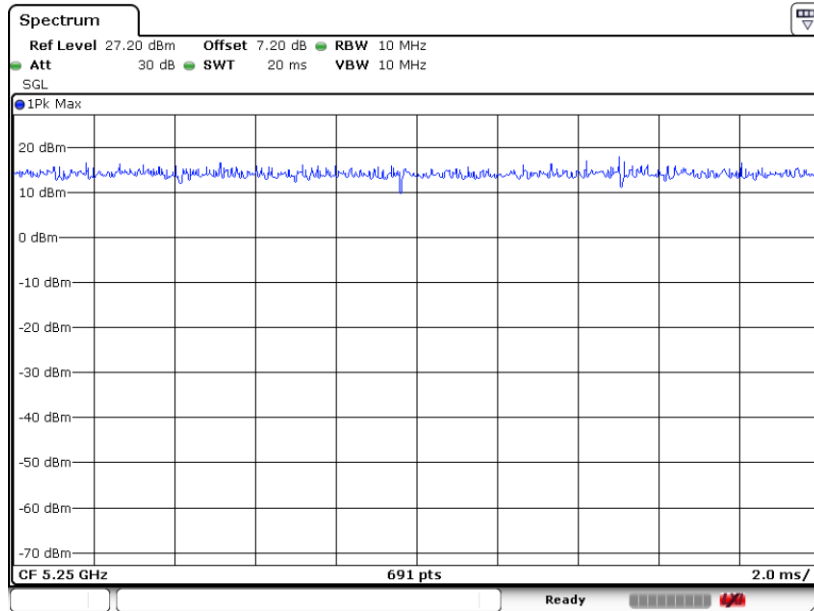


802.11ax HE80



Date: 9.JUN.2022 03:17:56

802.11ax HE160



Date: 9.JUN.2022 03:19:18