

Appendix B: Test Results of 2.4GHz SDR

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Note: All testing were carried out on SISO mode and MIMO mode, but only the worst case was presented in this report.

Appendix B.1: Test Results of Conducted Power Spectral Density

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M-MIMO	Ant1	2403.5	4.34	≤8.00	PASS
	Ant2		3.94	≤8.00	PASS
	Total		7.15	≤8.00	PASS
	Ant1	2435.5	3.76	≤8.00	PASS
	Ant2		3.64	≤8.00	PASS
	Total		6.71	≤8.00	PASS
	Ant1	2469.5	2.77	≤8.00	PASS
	Ant2		3.09	≤8.00	PASS
	Total		5.94	≤8.00	PASS

1.4M-MIMO Ant1 2403.5



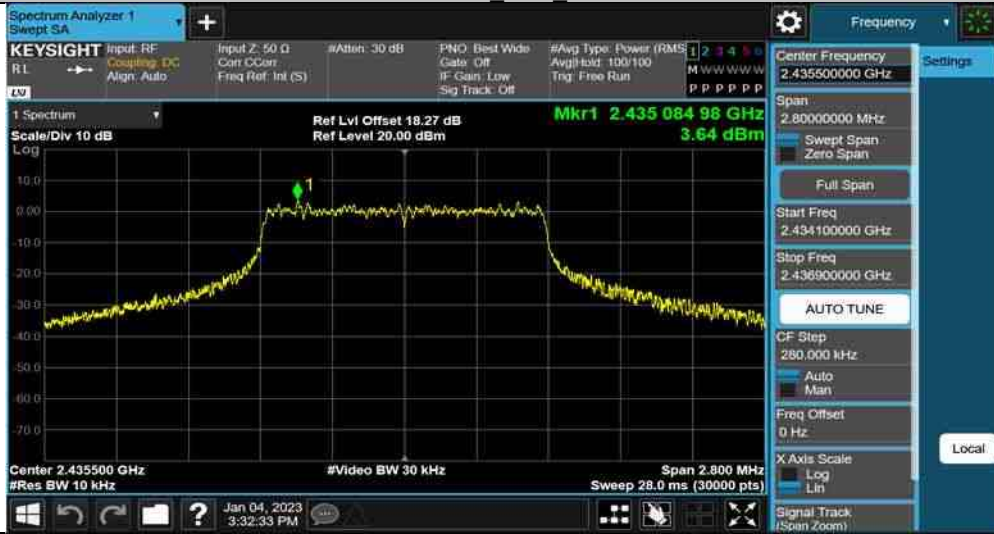
1.4M-MIMO Ant2 2403.5



1.4M-MIMO Ant1 2435.5



1.4M-MIMO Ant2 2435.5



1.4M-MIMO Ant1 2469.5



1.4M-MIMO Ant2 2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4MCA-MIMO	Ant1	2405.12	2.82	≤8.00	PASS
	Ant2		2.20	≤8.00	PASS
	Total		5.53	≤8.00	PASS
	Ant1	2437.12	3.82	≤8.00	PASS
	Ant2		4.24	≤8.00	PASS
	Total		7.05	≤8.00	PASS
	Ant1	2471.12	2.54	≤8.00	PASS
	Ant2		3.01	≤8.00	PASS
	Total		5.79	≤8.00	PASS

1.4MCA-MIMO Ant1 2405.12



1.4MCA-MIMO Ant2 2405.12



1.4MCA-MIMO Ant1 2437.12



1.4MCA-MIMO Ant2 2437.12



1.4MCA-MIMO Ant1 2471.12



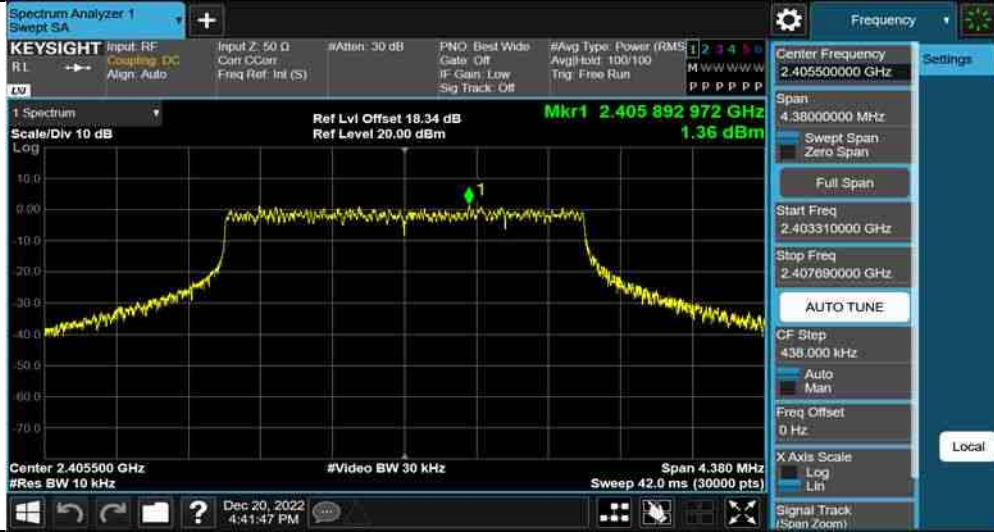
1.4MCA-MIMO Ant2 2471.12



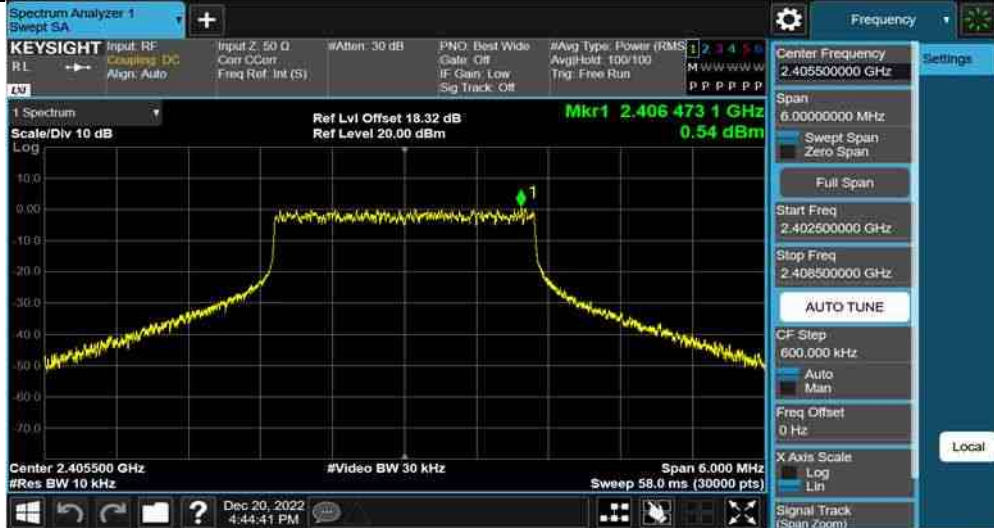
2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M-MIMO	Ant1	2405.5	1.36	≤8.00	PASS
	Ant2		0.54	≤8.00	PASS
	Total		3.98	≤8.00	PASS
	Ant1	2435.5	1.09	≤8.00	PASS
	Ant2		1.30	≤8.00	PASS
	Total		4.21	≤8.00	PASS
	Ant1	2468.5	0.01	≤8.00	PASS
	Ant2		0.29	≤8.00	PASS
	Total		3.16	≤8.00	PASS

3M-MIMO Ant1 2405.5



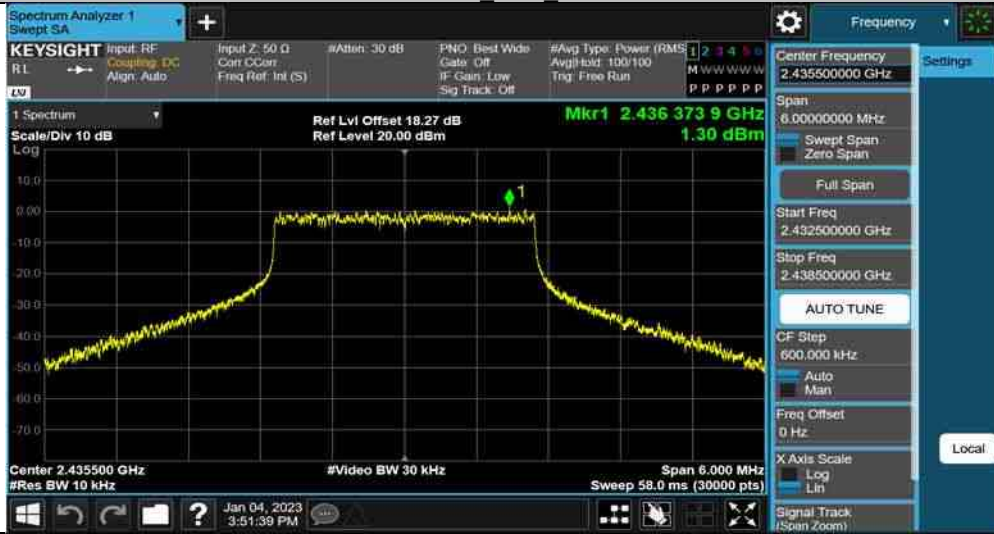
3M-MIMO Ant2 2405.5



3M-MIMO Ant1 2435.5



3M-MIMO_Ant2_2435.5



3M-MIMO_Ant1_2468.5



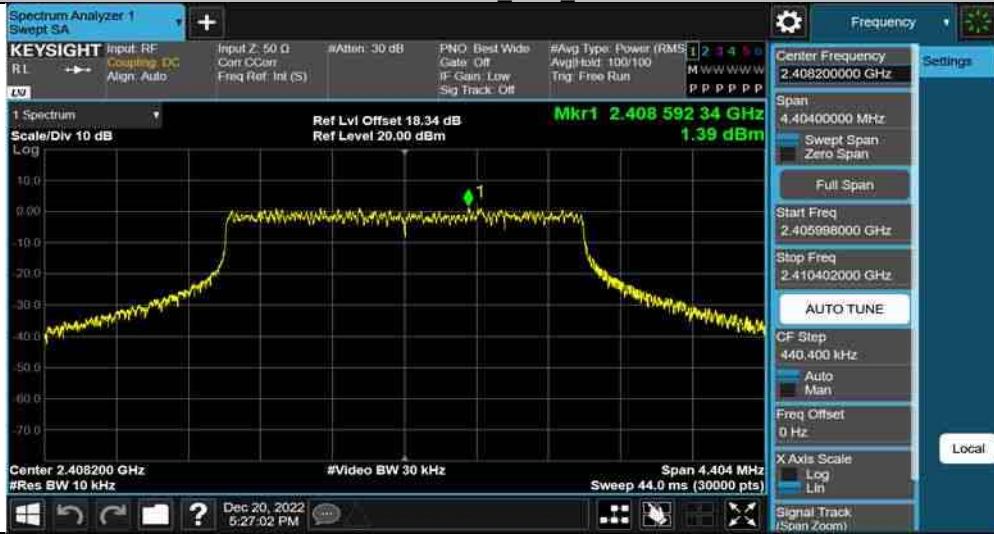
3M-MIMO_Ant2_2468.5



2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3MCA-MIMO	Ant1	2408.2	1.39	≤8.00	PASS
	Ant2		1.18	≤8.00	PASS
	Total		4.30	≤8.00	PASS
	Ant1	2438.2	1.32	≤8.00	PASS
	Ant2		1.47	≤8.00	PASS
	Total		4.41	≤8.00	PASS
	Ant1	2471.2	-0.18	≤8.00	PASS
	Ant2		-0.24	≤8.00	PASS
	Total		2.80	≤8.00	PASS

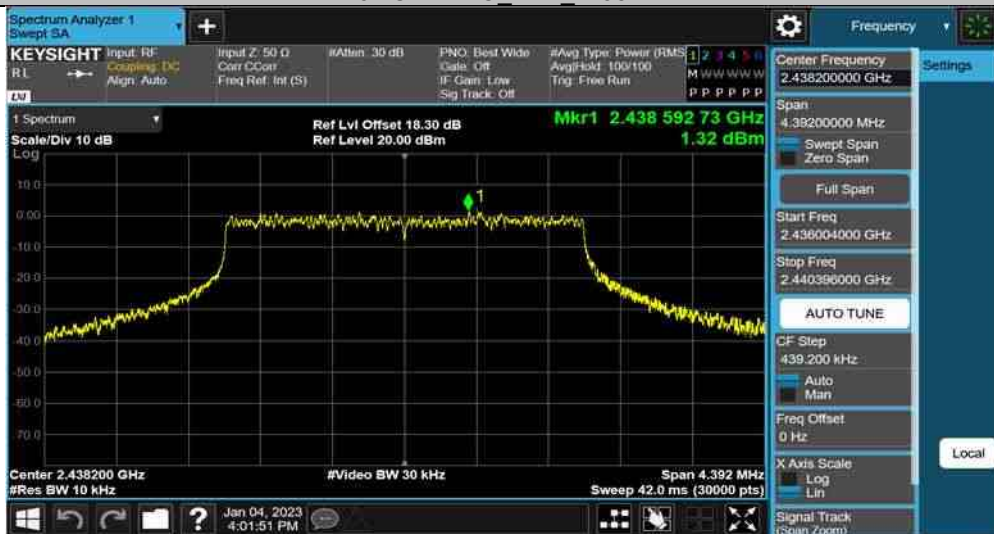
3MCA-MIMO Ant1 2408.2



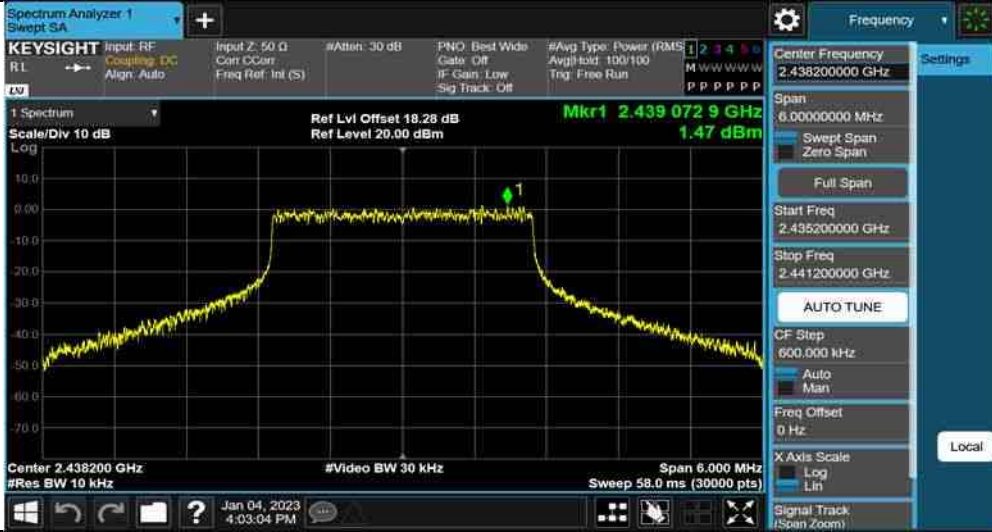
3MCA-MIMO Ant2 2408.2



3MCA-MIMO Ant1 2438.2



3MCA-MIMO_Ant2_2438.2



3MCA-MIMO_Ant1_2471.2



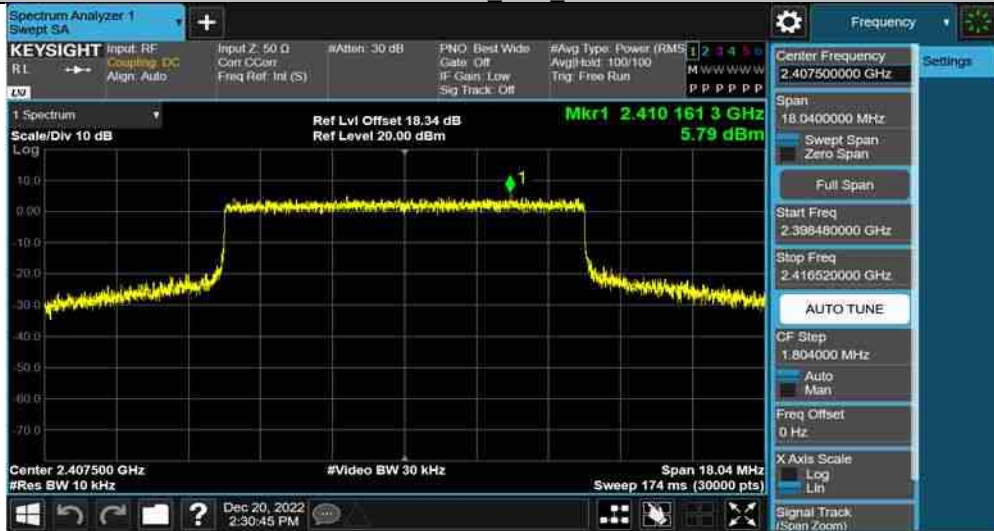
3MCA-MIMO_Ant2_2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M-MIMO	Ant1	2407.5	5.79	≤8.00	PASS
	Ant2		5.07	≤8.00	PASS
	Total		8.46	≤8.00	PASS
	Ant1	2437.5	5.76	≤8.00	PASS
	Ant2		5.69	≤8.00	PASS
	Total		8.74	≤8.00	PASS
	Ant1	2467.5	4.28	≤8.00	PASS
	Ant2		4.62	≤8.00	PASS
	Total		7.46	≤8.00	PASS

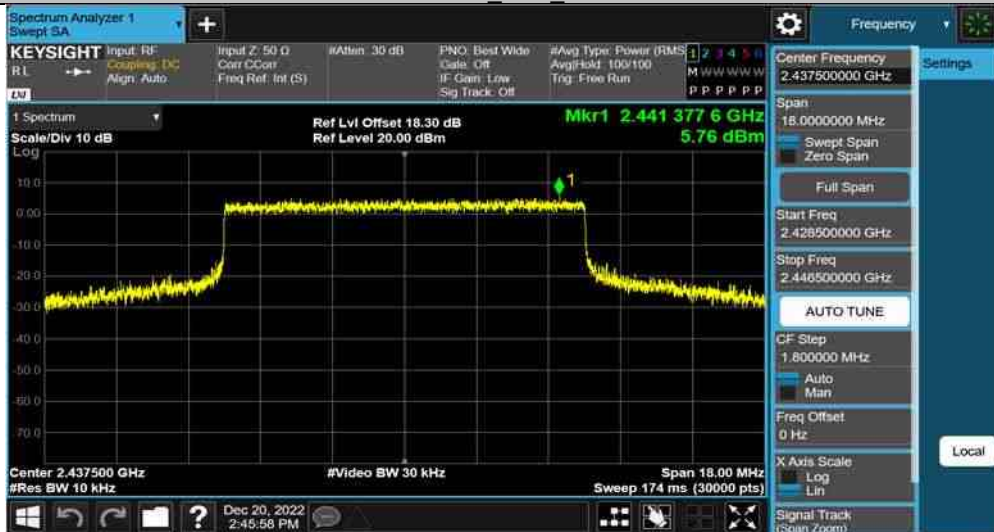
10M-MIMO Ant1 2407.5



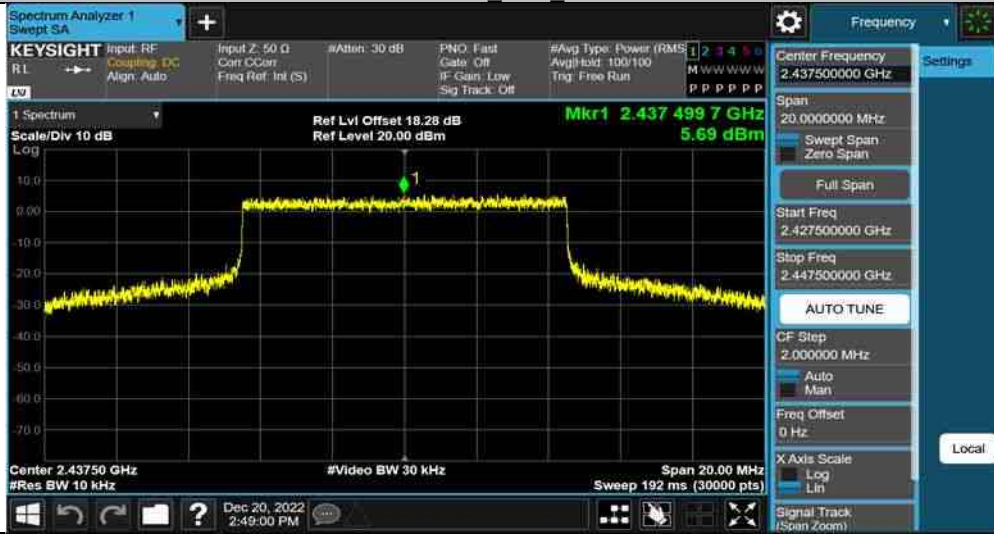
10M-MIMO Ant2 2407.5



10M-MIMO Ant1 2437.5



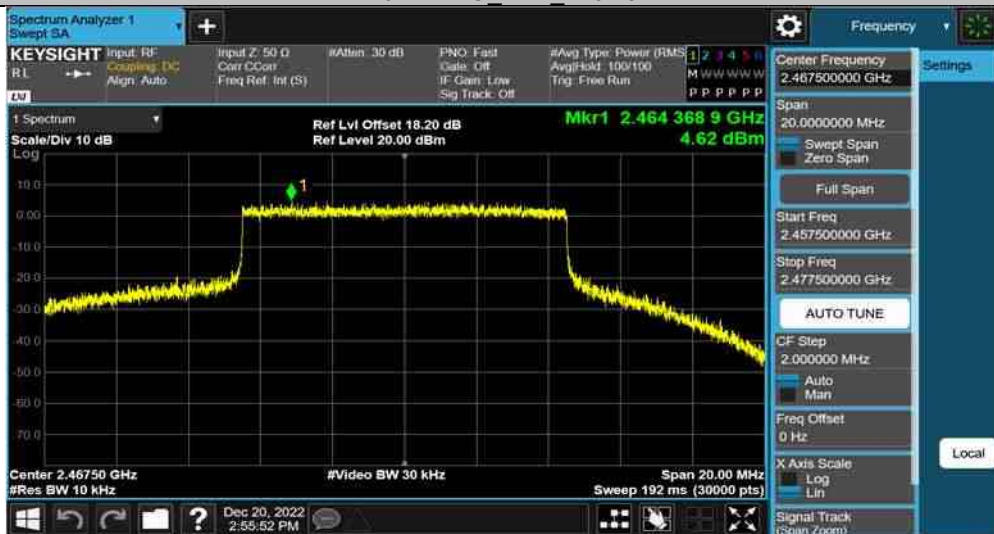
10M-MIMO Ant2 2437.5



10M-MIMO Ant1 2467.5



10M-MIMO Ant2 2467.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M-MIMO	Ant1	2412.5	-6.35	≤8.00	PASS
	Ant2		-5.67	≤8.00	PASS
	Total		-2.99	≤8.00	PASS
	Ant1	2437.5	-2.96	≤8.00	PASS
	Ant2		-2.20	≤8.00	PASS
	Total		0.45	≤8.00	PASS
	Ant1	2462.5	-7.08	≤8.00	PASS
	Ant2		-6.07	≤8.00	PASS
	Total		-3.54	≤8.00	PASS

20M-MIMO Ant1 2412.5



20M-MIMO Ant2 2412.5



20M-MIMO Ant1 2437.5



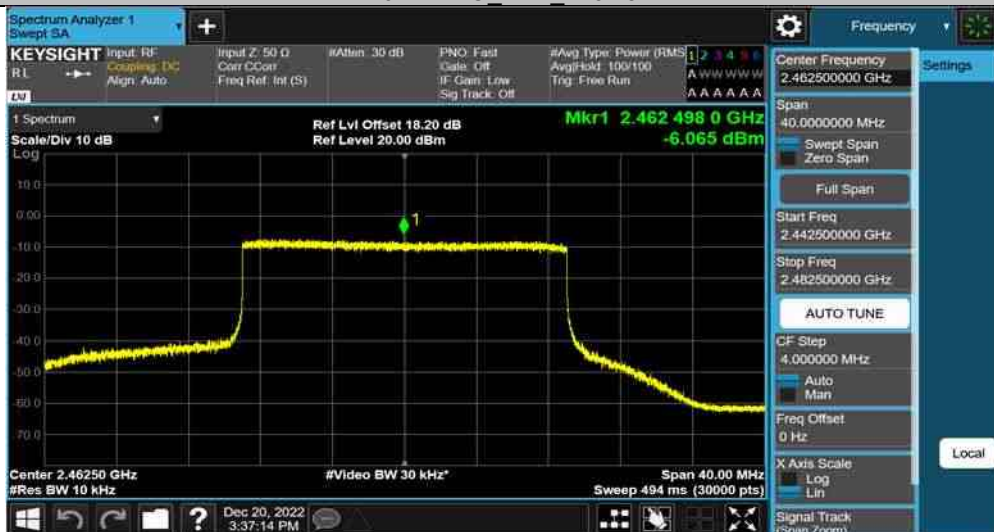
20M-MIMO Ant2 2437.5



20M-MIMO Ant1 2462.5



20M-MIMO Ant2 2462.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
40M-MIMO	Ant1	2422.5	-7.81	≤8.00	PASS
	Ant2		-10.28	≤8.00	PASS
	Total		-5.86	≤8.00	PASS
	Ant1	2437.5	-2.55	≤8.00	PASS
	Ant2		-3.60	≤8.00	PASS
	Total		-0.03	≤8.00	PASS
	Ant1	2452.5	-9.06	≤8.00	PASS
	Ant2		-10.68	≤8.00	PASS
	Total		-6.78	≤8.00	PASS

40M-MIMO Ant1 2422.5



40M-MIMO Ant2 2422.5



40M-MIMO Ant1 2437.5



40M-MIMO Ant2 2437.5



40M-MIMO Ant1 2452.5



40M-MIMO Ant2 2452.5



Appendix B.2: Test Results of 6dB Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-MIMO	Ant1	2403.5	1.098	2402.957	2404.054	0.5	PASS
		2435.5	1.100	2434.957	2436.057	0.5	PASS
		2469.5	1.067	2468.979	2470.046	0.5	PASS



1.4M-MIMO Ant1 2469.5



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA-MIMO	Ant1	2405.12	1.061	2404.591	2405.652	0.5	PASS
		2437.12	1.070	2436.594	2437.663	0.5	PASS
		2471.12	1.078	2470.580	2471.658	0.5	PASS

1.4MCA-MIMO Ant1 2405.12



1.4MCA-MIMO Ant1 2437.12



1.4MCA-MIMO Ant1 2471.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M-MIMO	Ant1	2405.5	2.190	2404.408	2406.598	0.5	PASS
		2435.5	2.196	2434.408	2436.604	0.5	PASS
		2468.5	2.196	2467.408	2469.604	0.5	PASS

3M-MIMO_Ant1_2405.5



3M-MIMO_Ant1_2435.5





2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA-MIMO	Ant1	2408.2	2.202	2407.102	2409.304	0.5	PASS
		2438.2	2.196	2437.108	2439.304	0.5	PASS
		2471.2	2.196	2470.102	2472.298	0.5	PASS

3MCA-MIMO Ant1 2408.2



3MCA-MIMO Ant1 2438.2



3MCA-MIMO Ant1 2471.2



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M-MIMO	Ant1	2407.5	9.020	2403.000	2412.020	0.5	PASS
		2437.5	9.000	2433.000	2442.000	0.5	PASS
		2467.5	8.960	2463.000	2471.960	0.5	PASS

10M-MIMO Ant1 2407.5



10M-MIMO Ant1 2437.5



10M-MIMO Ant1 2467.5



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M-MIMO	Ant1	2412.5	17.920	2403.540	2421.460	0.5	PASS
		2437.5	17.760	2428.620	2446.380	0.5	PASS
		2462.5	18.000	2453.500	2471.500	0.5	PASS

20M-MIMO Ant1 2412.5



20M-MIMO Ant1 2437.5



20M-MIMO Ant1 2462.5



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M-MIMO	Ant1	2422.5	35.920	2404.580	2440.500	0.5	PASS
		2437.5	36.000	2419.500	2455.500	0.5	PASS
		2452.5	36.000	2434.500	2470.500	0.5	PASS

40M-MIMO Ant1 2422.5



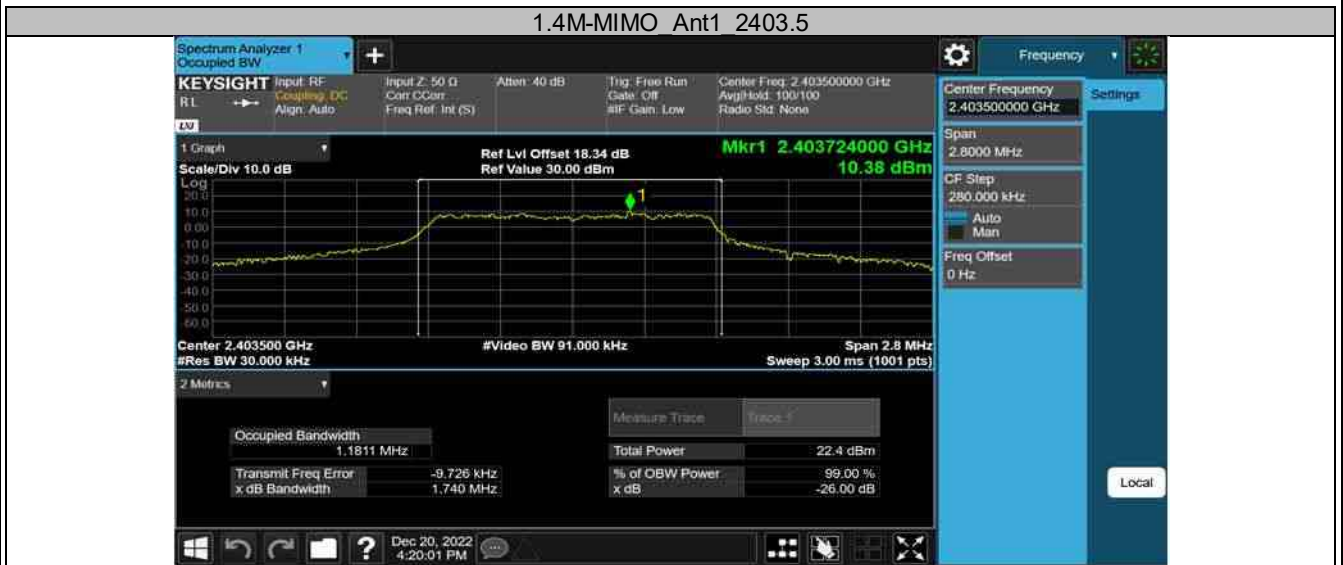
40M-MIMO Ant1 2437.5



Appendix B.3: Test Results of 99% Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M-MIMO	Ant1	2403.5	1.1811	2402.8997	2404.0808	---	PASS
		2435.5	1.1771	2434.8974	2436.0745	---	PASS
		2469.5	1.1809	2468.8939	2470.0748	---	PASS

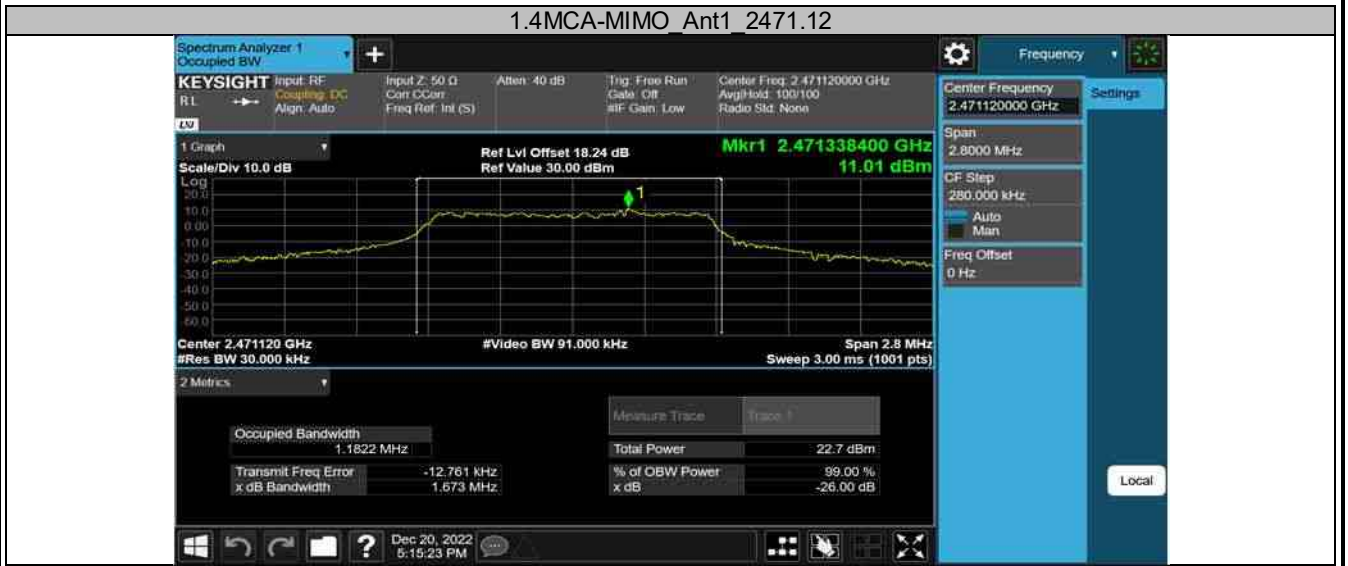




2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA-MIMO	Ant1	2405.12	1.1780	2404.5216	2405.6996	---	PASS
		2437.12	1.1864	2436.5140	2437.7004	---	PASS
		2471.12	1.1822	2470.5161	2471.6983	---	PASS





2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M-MIMO	Ant1	2405.5	2.2571	2404.3881	2406.6452	---	PASS
		2435.5	2.2528	2434.3932	2436.6460	---	PASS
		2468.5	2.2503	2467.3969	2469.6472	---	PASS

3M-MIMO_Ant1_2405.5



3M-MIMO_Ant1_2435.5





2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA-MIMO	Ant1	2408.2	2.2381	2407.0984	2409.3365	---	PASS
		2438.2	2.2492	2437.0924	2439.3416	---	PASS
		2471.2	2.2452	2470.0861	2472.3313	---	PASS





2.4GHz SDR, 10MHz BW

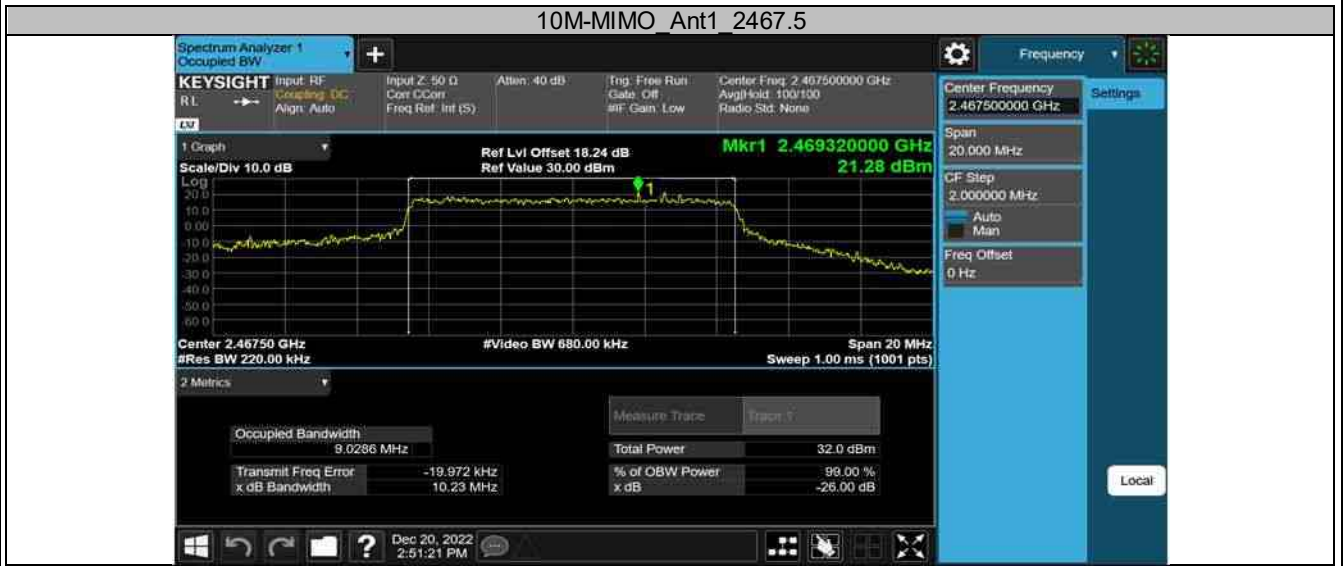
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M-MIMO	Ant1	2407.5	9.0376	2402.9956	2412.0332	---	PASS
		2437.5	9.0365	2433.0000	2442.0365	---	PASS
		2467.5	9.0286	2462.9657	2471.9943	---	PASS

10M-MIMO Ant1 2407.5



10M-MIMO Ant1 2437.5





2.4GHz SDR, 20MHz BW

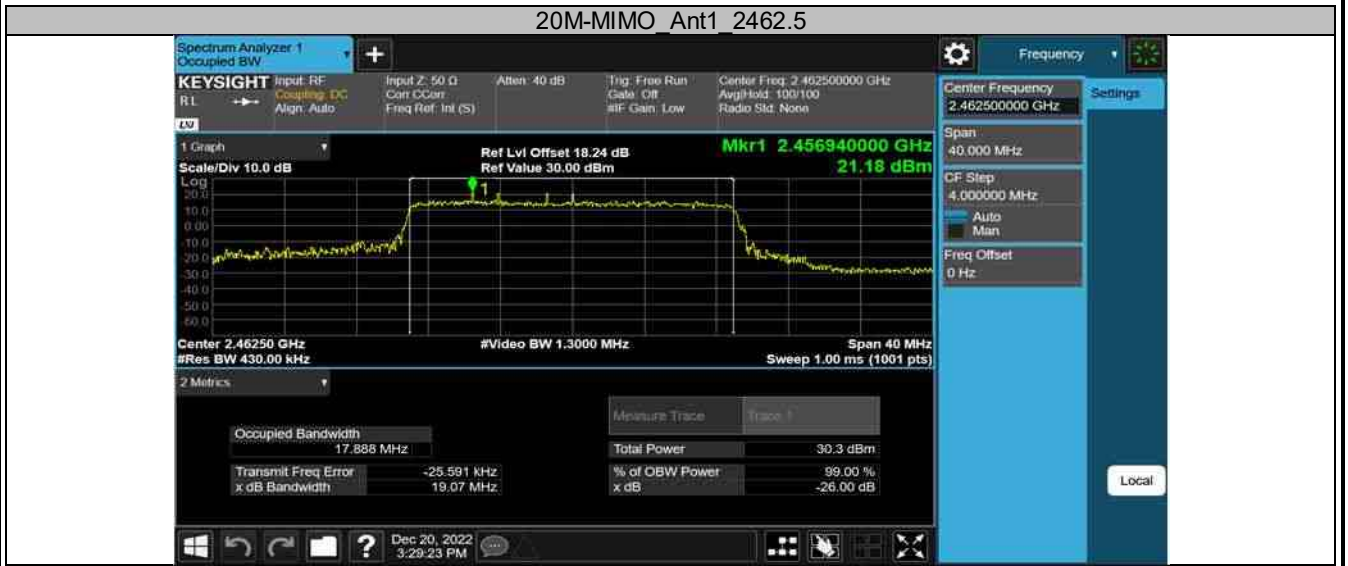
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M-MIMO	Ant1	2412.5	17.761	2403.6327	2421.3937	---	PASS
		2437.5	17.928	2428.5783	2446.5063	---	PASS
		2462.5	17.888	2453.5304	2471.4184	---	PASS

20M-MIMO Ant1 2412.5



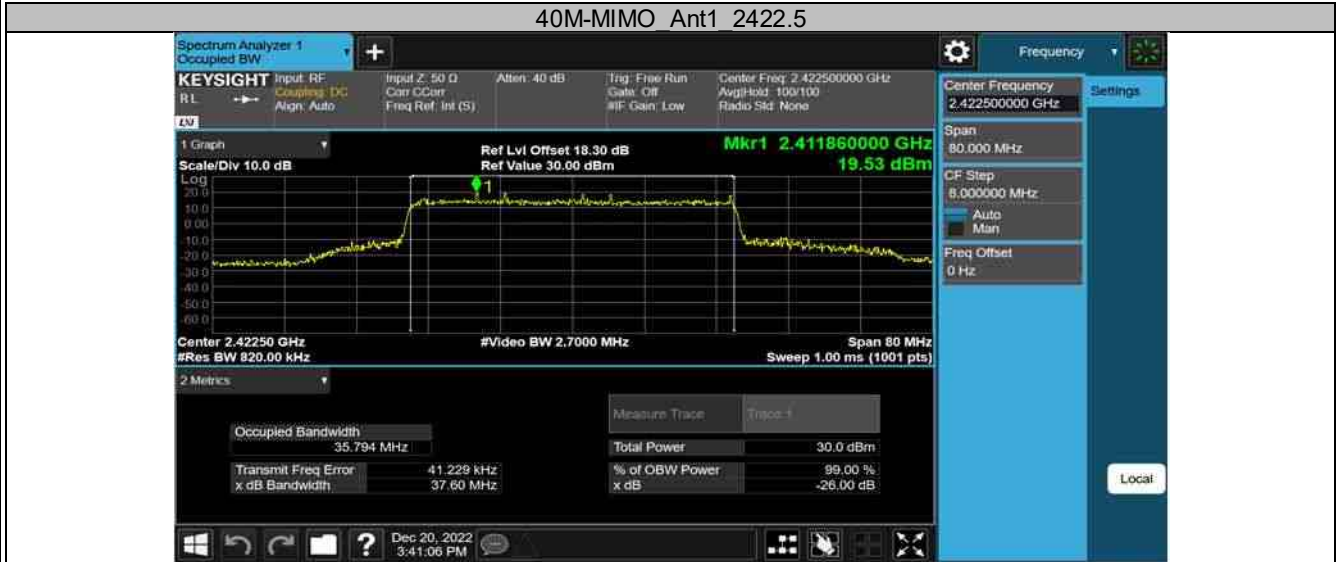
20M-MIMO Ant1 2437.5





2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M-MIMO	Ant1	2422.5	35.794	2404.6442	2440.4382	---	PASS
		2437.5	35.778	2419.5825	2455.3605	---	PASS
		2452.5	35.754	2434.4735	2470.2275	---	PASS





Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Bandedge

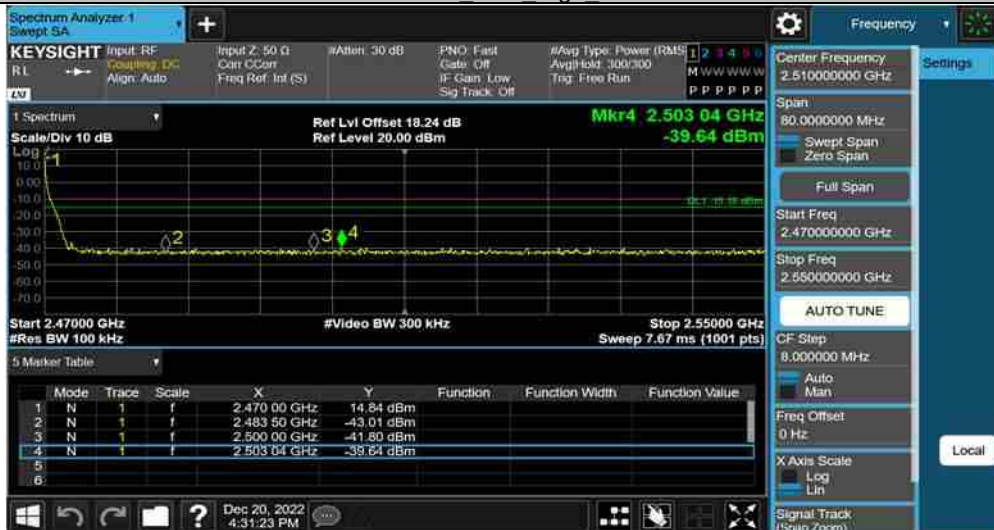
2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M-MIMO	Ant1	Low	2403.5	16.98	-38.34	≤-13.02	PASS
		High	2469.5	14.84	-39.64	≤-15.16	PASS

1.4M-MIMO Ant1 Low 2403.5



1.4M-MIMO Ant1 High 2469.5



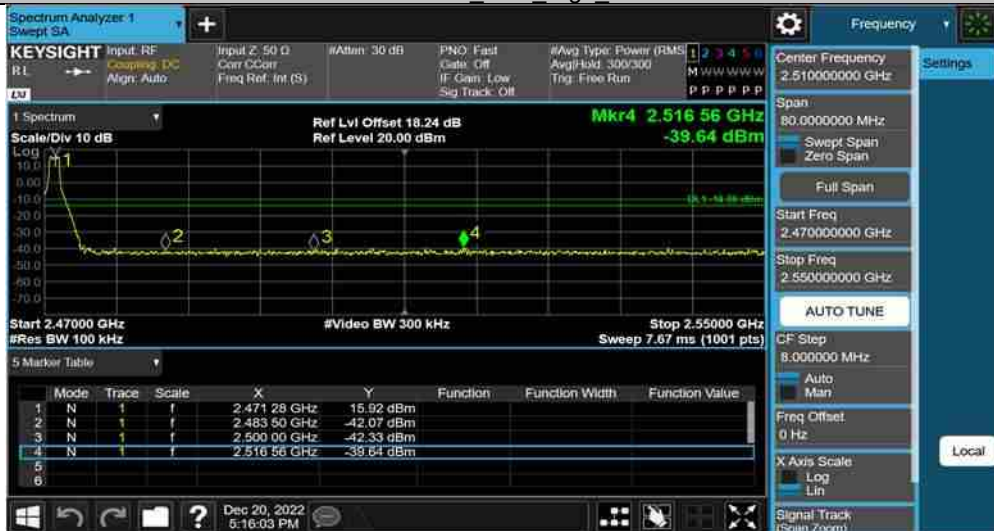
2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4MCA-MIMO	Ant1	Low	2405.12	14.57	-39.13	≤-15.43	PASS
		High	2471.12	15.92	-39.64	≤-14.08	PASS

1.4MCA-MIMO Ant1 Low 2405.12

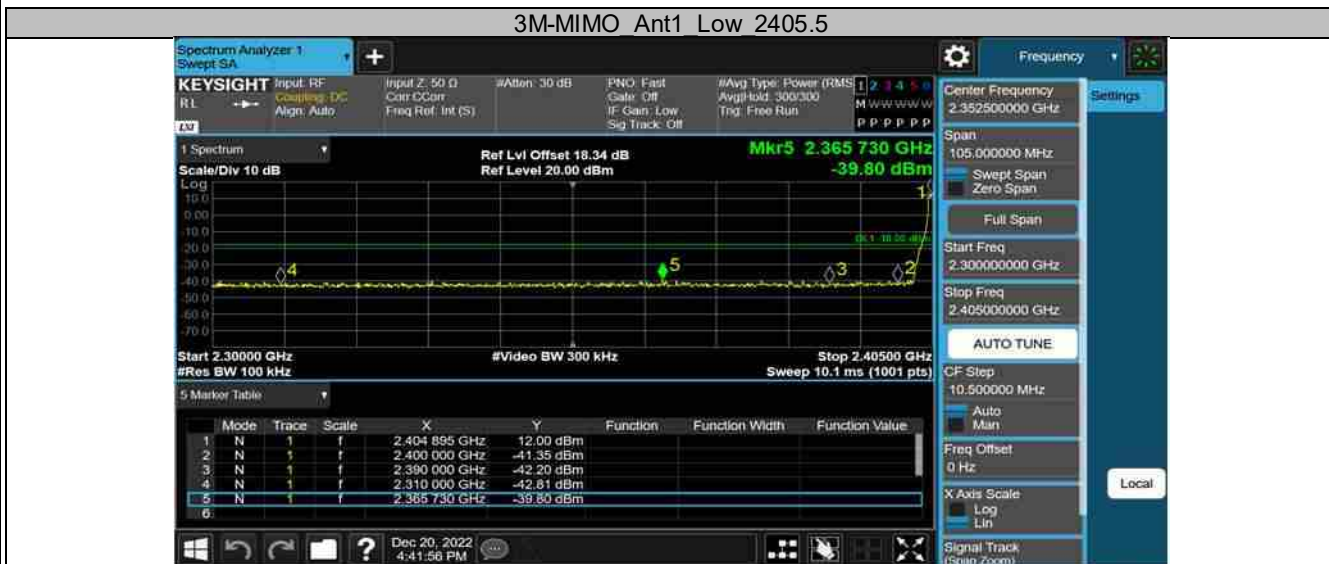


1.4MCA-MIMO Ant1 High 2471.12



2.4GHz SDR, 3MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M-MIMO	Ant1	Low	2405.5	12.00	-39.8	≤-18	PASS
		High	2468.5	-5.77	-39.79	≤-35.77	PASS



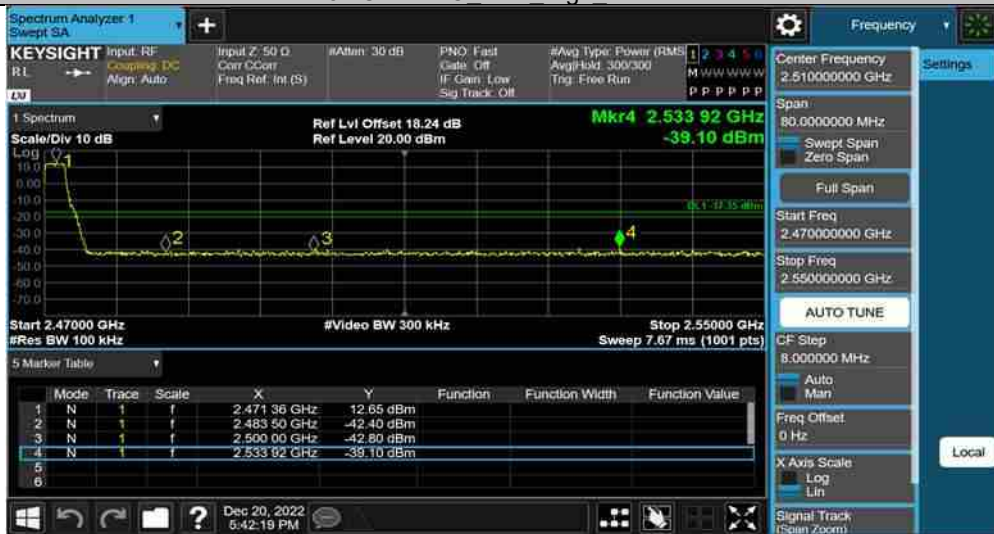
2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3MCA-MIMO	Ant1	Low	2408.2	12.64	-40.04	≤-17.36	PASS
		High	2471.2	12.66	-39.1	≤-17.35	PASS

3MCA-MIMO Ant1 Low 2408.2



3MCA-MIMO Ant1 High 2471.2



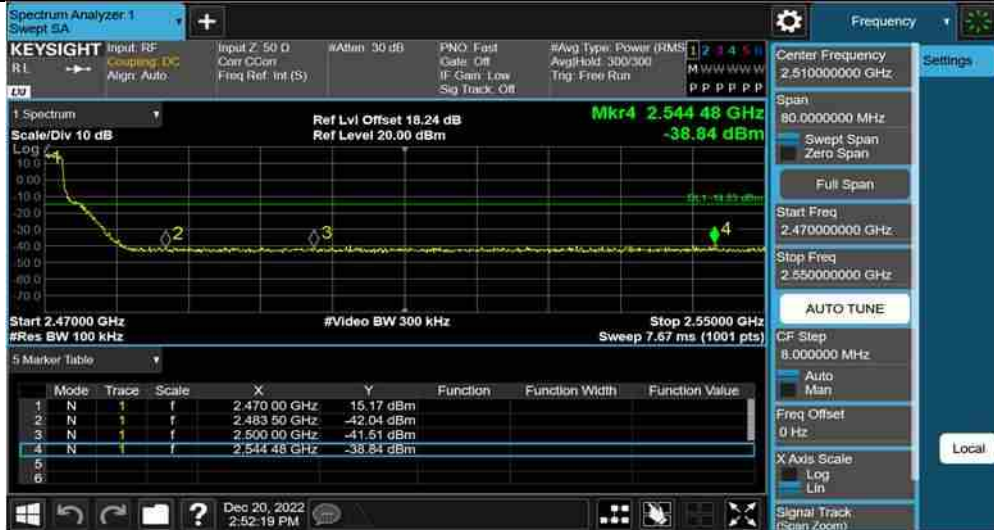
2.4GHz SDR, 10MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M-MIMO	Ant1	Low	2407.5	19.40	-11.32	≤-10.61	PASS
		High	2467.5	15.17	-38.84	≤-14.83	PASS

10M-MIMO Ant1 Low 2407.5



10M-MIMO Ant1 High 2467.5



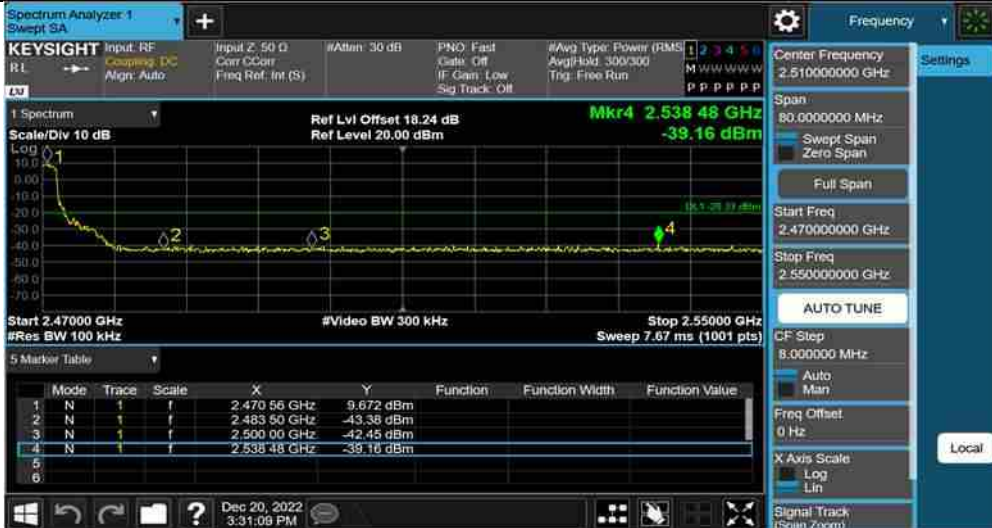
2.4GHz SDR, 20MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M-MIMO	Ant1	Low	2412.5	9.52	-22.55	≤-20.48	PASS
		High	2462.5	9.67	-39.16	≤-20.33	PASS

20M-MIMO Ant1 Low 2412.5



20M-MIMO Ant1 High 2462.5



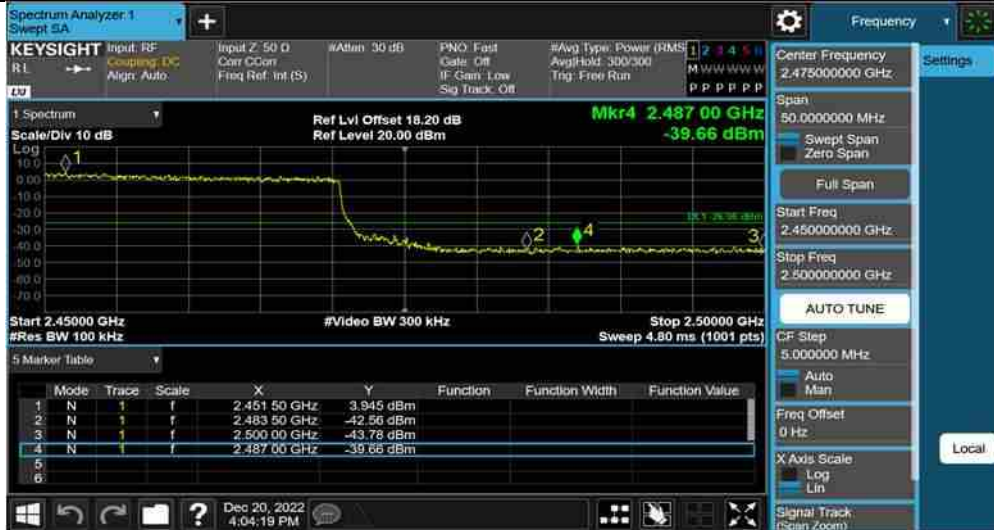
2.4GHz SDR, 40MHz BW

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40M-MIMO	Ant1	Low	2422.5	7.09	-24.07	≤-22.91	PASS
		High	2452.5	3.95	-39.66	≤-26.06	PASS

40M-MIMO Ant1 High 2422.5



40M-MIMO Ant1 High 2452.5



Conducted Spurious Emission

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4M-MIMO	Ant1	2403.5	Reference	13.14	13.14	---	PASS
			30~1000	13.14	-41.49	≤-16.86	PASS
			1000~26500	13.14	-32.49	≤-16.86	PASS
		2435.5	Reference	15.20	15.20	---	PASS
			30~1000	15.20	-41.3	≤-14.8	PASS
			1000~26500	15.20	-32.17	≤-14.8	PASS
		2469.5	Reference	15.05	15.05	---	PASS
			30~1000	15.05	-41.04	≤-14.95	PASS
			1000~26500	15.05	-32.32	≤-14.95	PASS

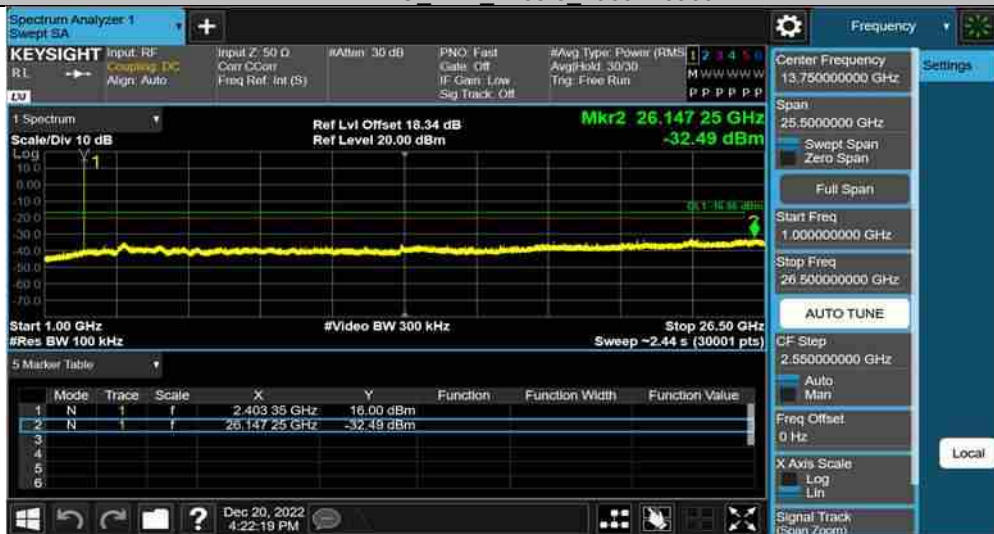
1.4M-MIMO Ant1_2403.5 0~Reference



1.4M-MIMO Ant1_2403.5 30~1000



1.4M-MIMO Ant1_2403.5 1000~26500



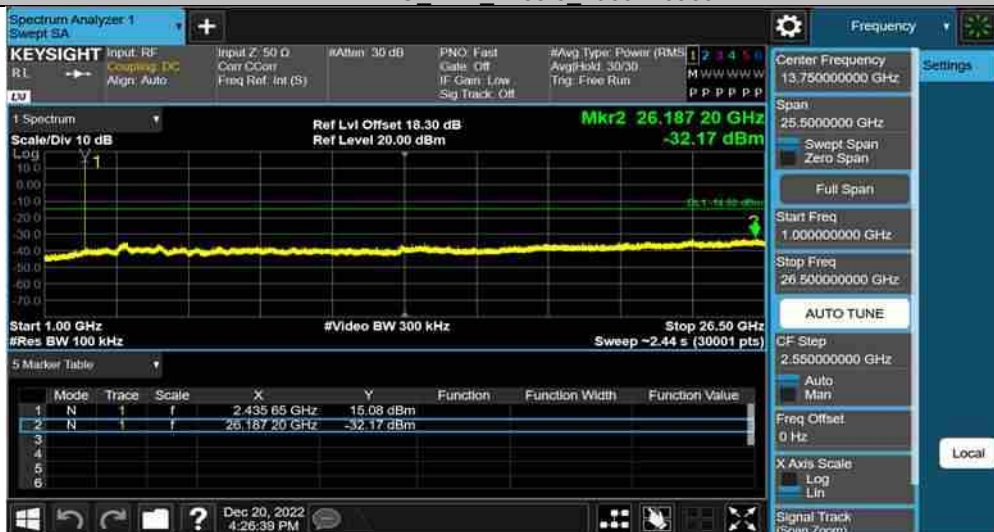
1.4M-MIMO Ant1_2435.5 0~Reference



1.4M-MIMO Ant1_2435.5 30~1000



1.4M-MIMO Ant1_2435.5 1000~26500



1.4M-MIMO Ant1_2469.5 0~Reference



1.4M-MIMO Ant1_2469.5 30~1000



1.4M-MIMO Ant1_2469.5 1000~26500



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
1.4MCA-MIMO	Ant1	2405.12	Reference	13.53	13.53	---	PASS
			30~1000	13.53	-41.71	≤-16.47	PASS
			1000~26500	13.53	-32.09	≤-16.47	PASS
		2437.12	Reference	16.03	16.03	---	PASS
			30~1000	16.03	-41.35	≤-13.97	PASS
			1000~26500	16.03	-31.94	≤-13.97	PASS
		2471.12	Reference	15.99	15.99	---	PASS
			30~1000	15.99	-40.46	≤-14.01	PASS
			1000~26500	15.99	-32.07	≤-14.01	PASS

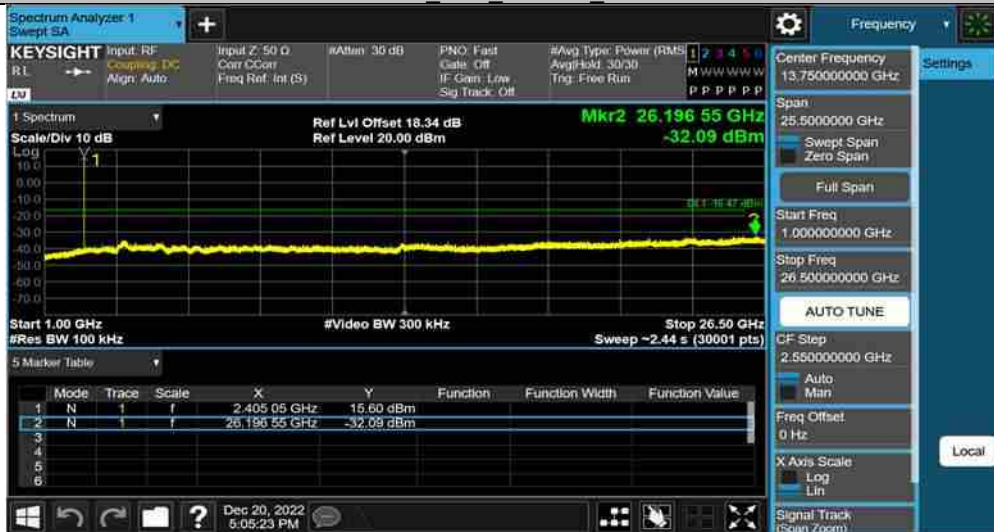
1.4MCA-MIMO Ant1 2405.12 0~Reference

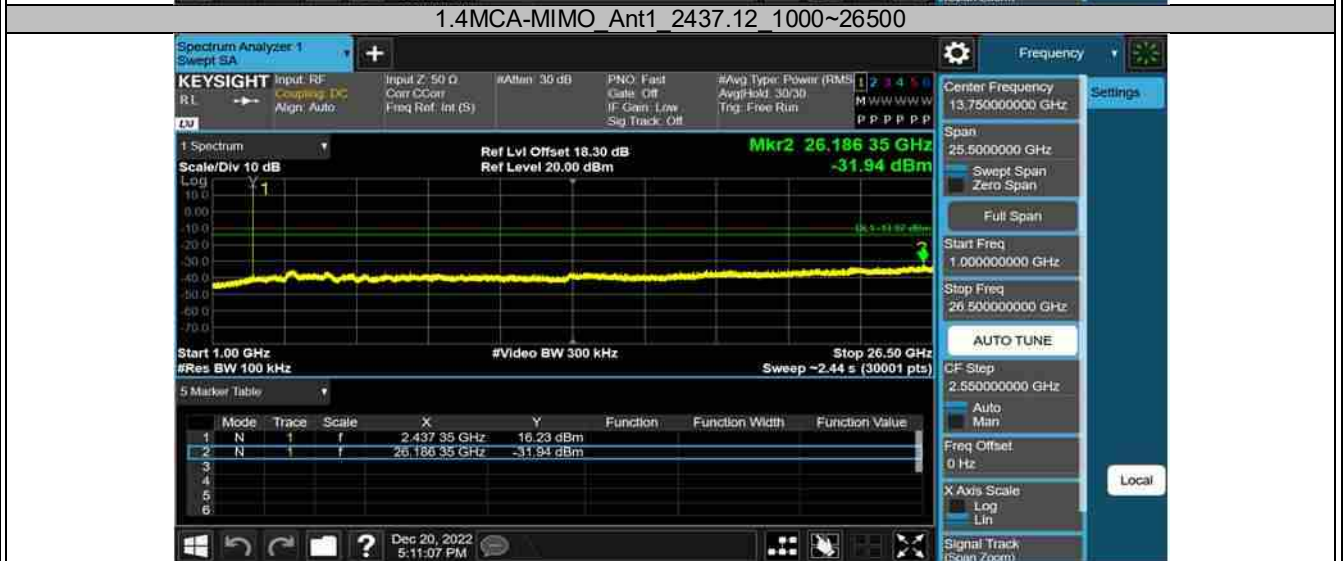
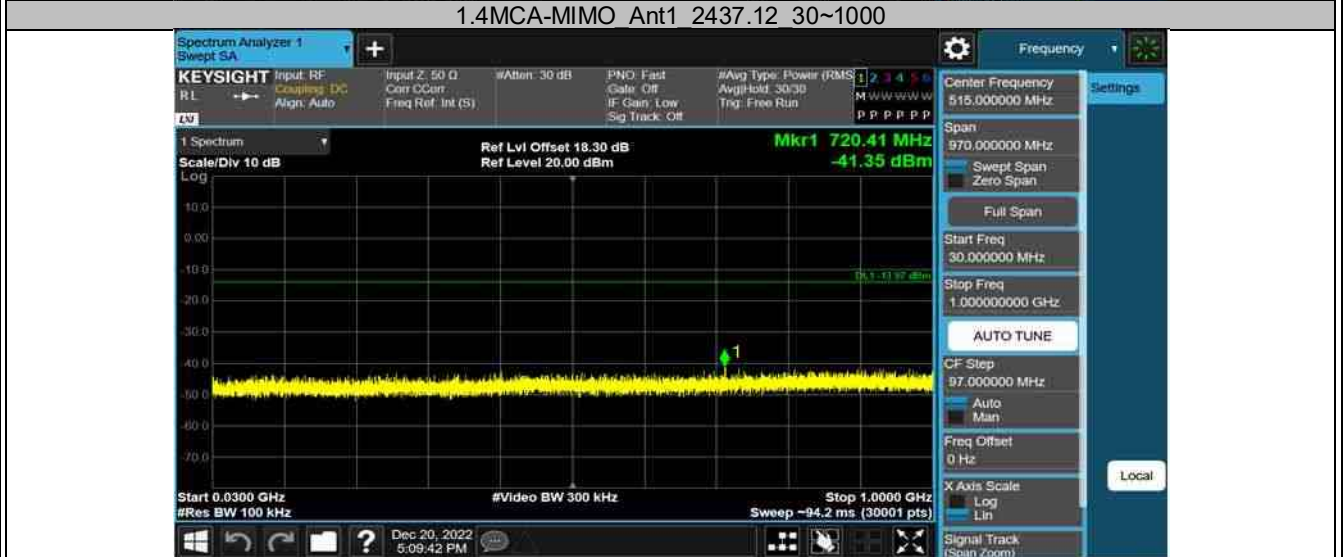
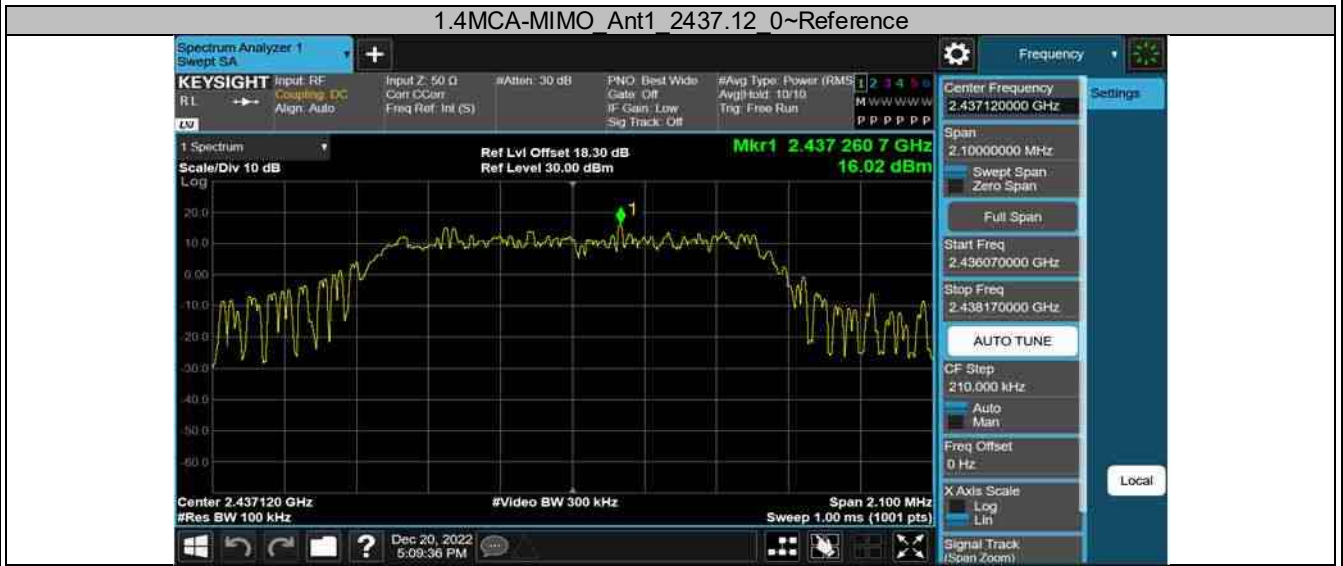


1.4MCA-MIMO Ant1 2405.12 30~1000



1.4MCA-MIMO Ant1 2405.12 1000~26500





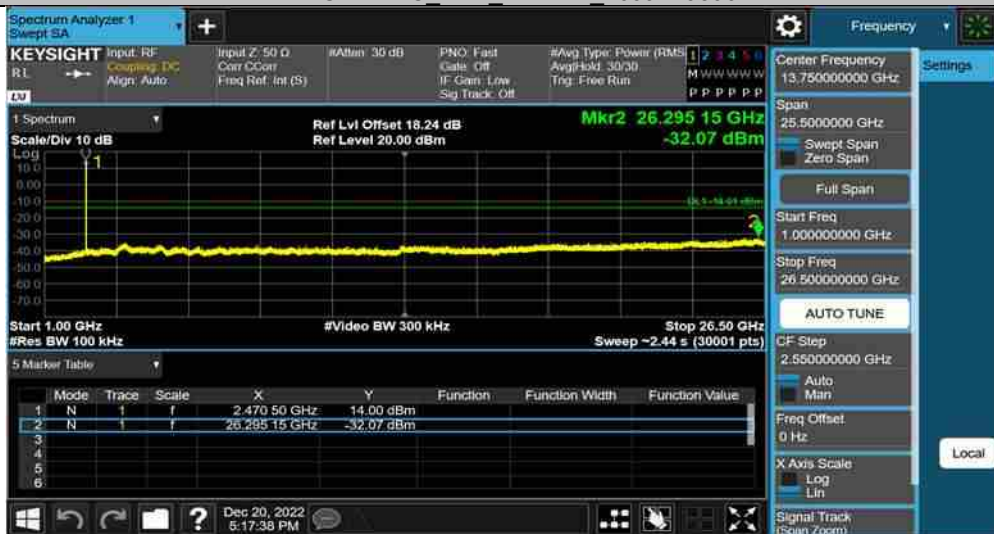
1.4MCA-MIMO Ant1 2471.12_0~Reference



1.4MCA-MIMO Ant1 2471.12_30~1000



1.4MCA-MIMO Ant1 2471.12_1000~26500



2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3M-MIMO	Ant1	2405.5	Reference	11.80	11.80	---	PASS
			30~1000	11.80	-41.14	≤-18.2	PASS
			1000~26500	11.80	-32.62	≤-18.2	PASS
		2435.5	Reference	12.22	12.22	---	PASS
			30~1000	12.22	-41.53	≤-17.78	PASS
			1000~26500	12.22	-32.54	≤-17.78	PASS
		2468.5	Reference	10.88	10.88	---	PASS
			30~1000	10.88	-40.83	≤-19.12	PASS
			1000~26500	10.88	-31.64	≤-19.12	PASS

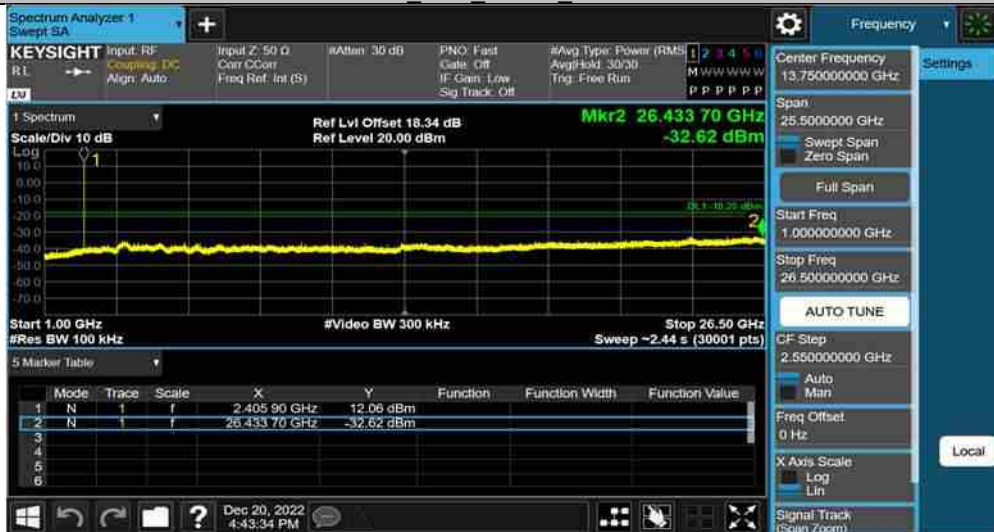
3M-MIMO Ant1 2405.5 0~Reference



3M-MIMO Ant1 2405.5 30~1000



3M-MIMO Ant1 2405.5 1000~26500



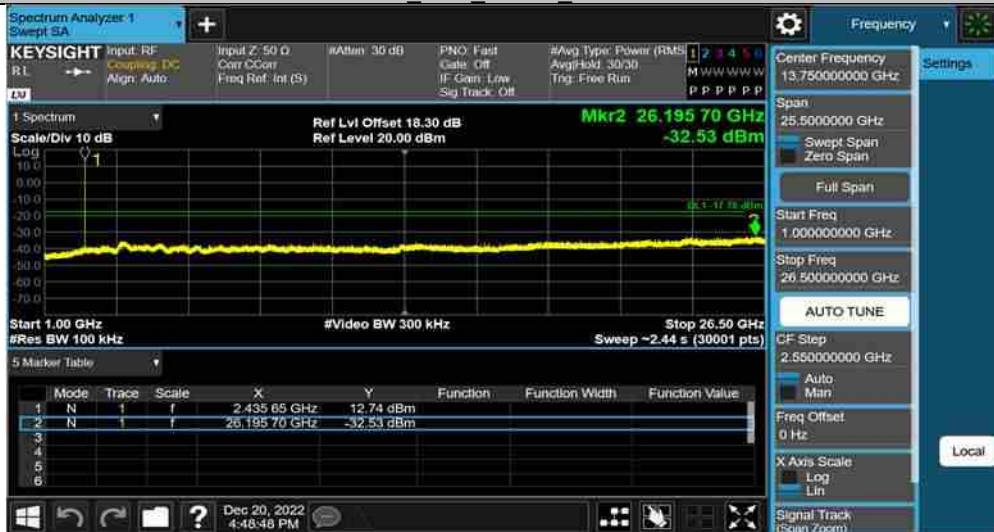
3M-MIMO Ant1 2435.5 0~Reference



3M-MIMO Ant1 2435.5 30~1000



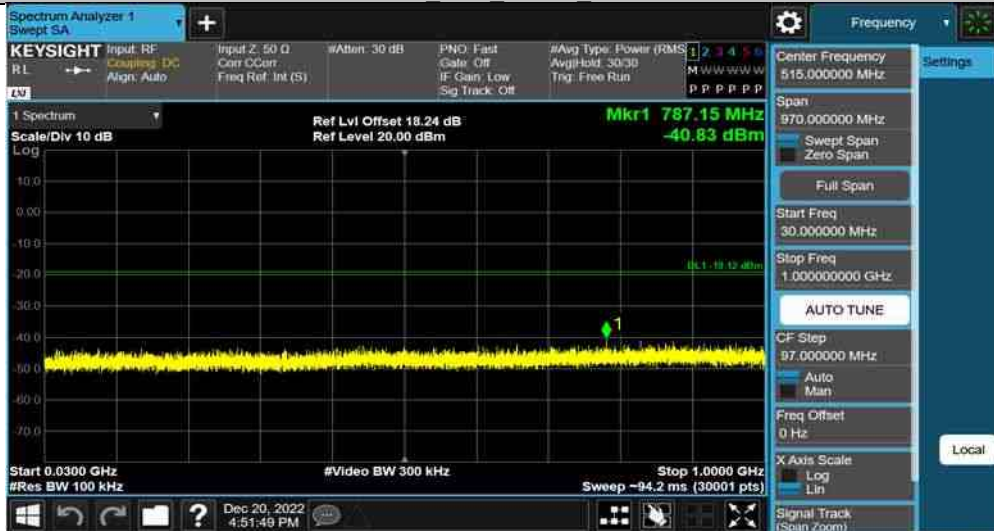
3M-MIMO Ant1 2435.5 1000~26500



3M-MIMO Ant1 2468.5 0~Reference



3M-MIMO Ant1 2468.5 30~1000



3M-MIMO Ant1 2468.5 1000~26500



2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
3MCA-MIMO	Ant1	2408.2	Reference	11.11	11.11	---	PASS
			30~1000	11.11	-41.58	≤-18.89	PASS
			1000~26500	11.11	-32.05	≤-18.89	PASS
		2438.2	Reference	12.75	12.75	---	PASS
			30~1000	12.75	-41.27	≤-17.25	PASS
			1000~26500	12.75	-32.15	≤-17.25	PASS
		2471.2	Reference	12.54	12.54	---	PASS
			30~1000	12.54	-41.58	≤-17.46	PASS
			1000~26500	12.54	-32.1	≤-17.46	PASS

3MCA-MIMO Ant1 2408.2 0~Reference



3MCA-MIMO Ant1 2408.2 30~1000



3MCA-MIMO Ant1 2408.2 1000~26500



3MCA-MIMO Ant1 2438.2 0~Reference



3MCA-MIMO Ant1 2438.2 30~1000



3MCA-MIMO Ant1 2438.2 1000~26500



3MCA-MIMO Ant1 2471.2 0~Reference



3MCA-MIMO Ant1 2471.2 30~1000



3MCA-MIMO Ant1 2471.2 1000~26500



2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
10M-MIMO	Ant1	2407.5	Reference	14.72	14.72	---	PASS
			30~1000	14.72	-41.47	≤-15.28	PASS
			1000~26500	14.72	-32.38	≤-15.28	PASS
		2437.5	Reference	16.31	16.31	---	PASS
			30~1000	16.31	-41.38	≤-13.69	PASS
			1000~26500	16.31	-32.39	≤-13.69	PASS
		2467.5	Reference	14.96	14.96	---	PASS
			30~1000	14.96	-41.82	≤-15.04	PASS
			1000~26500	14.96	-32.22	≤-15.04	PASS

10M-MIMO Ant1 2407.5 0~Reference



10M-MIMO Ant1 2407.5 30~1000



10M-MIMO Ant1 2407.5 1000~26500



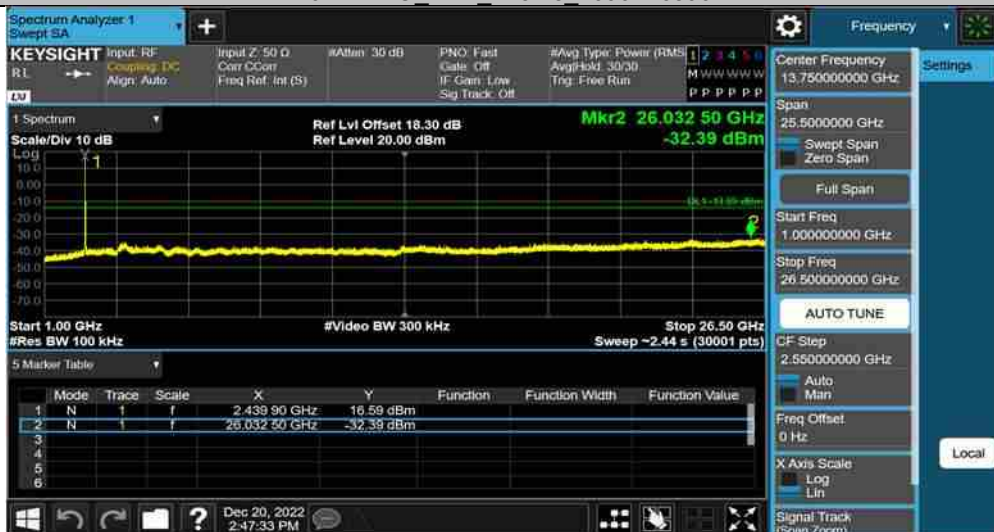
10M-MIMO Ant1 2437.5 0~Reference



10M-MIMO Ant1 2437.5 30~1000



10M-MIMO Ant1 2437.5 1000~26500



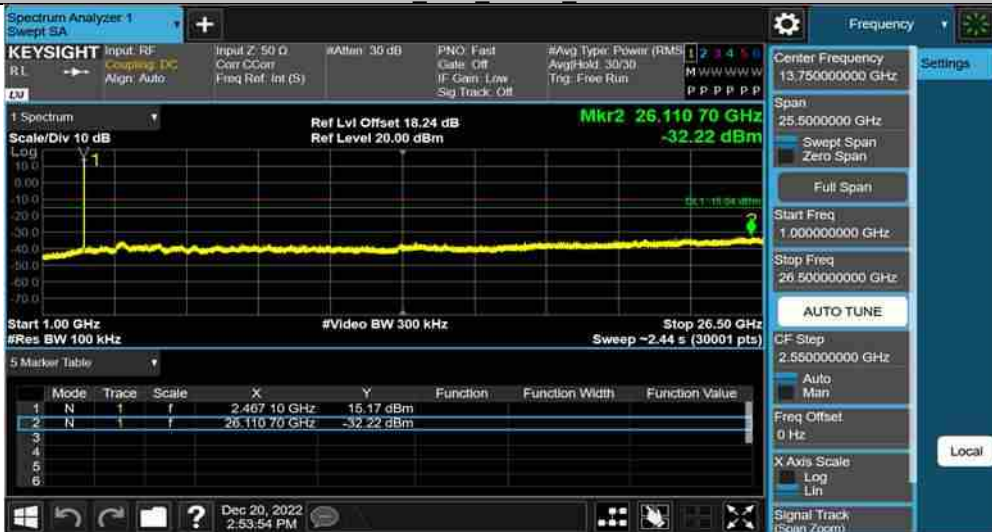
10M-MIMO Ant1 2467.5 0~Reference



10M-MIMO Ant1 2467.5 30~1000



10M-MIMO Ant1 2467.5 1000~26500



2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
20M-MIMO	Ant1	2412.5	Reference	9.56	9.56	---	PASS
			30~1000	9.56	-41.24	≤-20.44	PASS
			1000~26500	9.56	-31.49	≤-20.44	PASS
		2437.5	Reference	13.13	13.13	---	PASS
			30~1000	13.13	-41.69	≤-16.87	PASS
			1000~26500	13.13	-32.18	≤-16.87	PASS
		2462.5	Reference	9.46	9.46	---	PASS
			30~1000	9.46	-41.63	≤-20.54	PASS
			1000~26500	9.46	-31.99	≤-20.54	PASS

20M-MIMO Ant1 2412.5 0~Reference



20M-MIMO Ant1 2412.5 30~1000



20M-MIMO Ant1 2412.5 1000~26500



20M-MIMO Ant1 2437.5 0~Reference



20M-MIMO Ant1 2437.5 30~1000



20M-MIMO Ant1 2437.5 1000~26500



20M-MIMO Ant1 2462.5 0~Reference



20M-MIMO Ant1 2462.5 30~1000



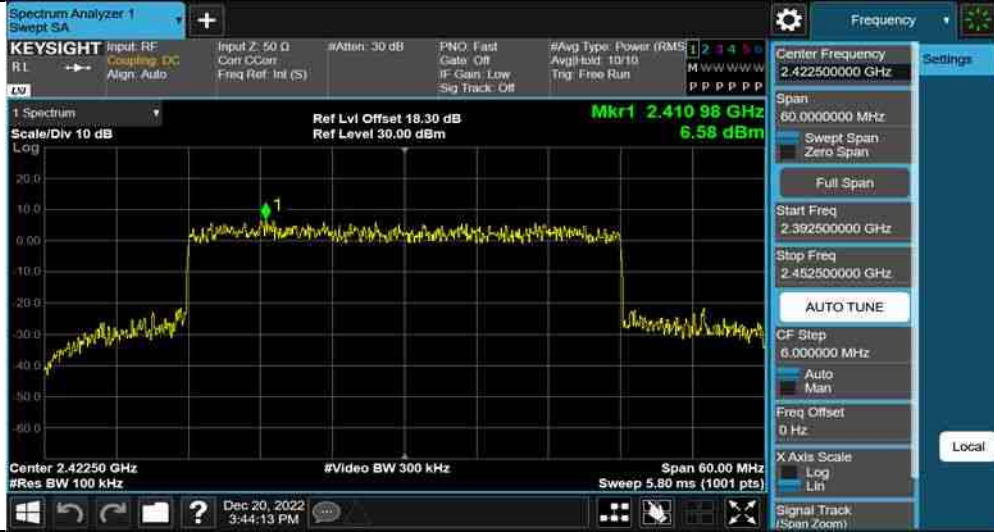
20M-MIMO Ant1 2462.5 1000~26500



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
40M-MIMO	Ant1	2422.5	Reference	6.58	6.58	---	PASS
			30~1000	6.58	-41.53	≤-23.42	PASS
			1000~26500	6.58	-32.79	≤-23.42	PASS
		2437.5	Reference	9.19	9.19	---	PASS
			30~1000	9.19	-41.73	≤-20.81	PASS
			1000~26500	9.19	-32.27	≤-20.81	PASS
		2452.5	Reference	4.21	4.21	---	PASS
			30~1000	4.21	-41.49	≤-25.79	PASS
			1000~26500	4.21	-32.15	≤-25.79	PASS

40M-MIMO Ant1 2422.5 0~Reference



40M-MIMO Ant1 2422.5 30~1000



40M-MIMO Ant1 2422.5 1000~26500



40M-MIMO Ant1 2437.5 0~Reference



40M-MIMO Ant1 2437.5 30~1000



40M-MIMO Ant1 2437.5 1000~26500



40M-MIMO Ant1 2452.5 0~Reference



40M-MIMO Ant1 2452.5 30~1000



40M-MIMO Ant1 2452.5 1000~26500



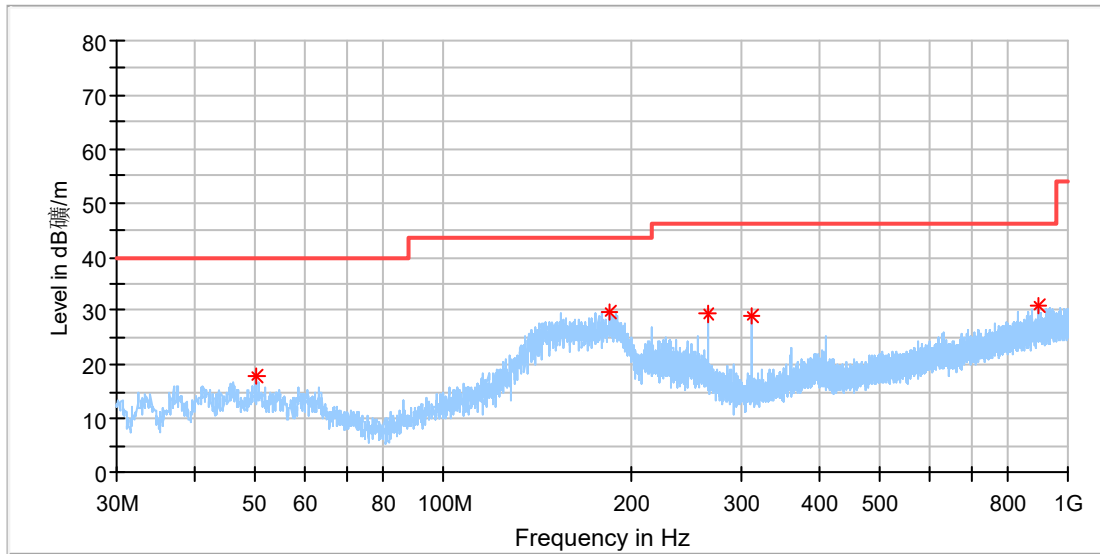
Appendix B.5: Test Results of Radiated Spurious Emissions

Note: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

30MHz - 1GHz

EUT Information

EUT Name:	DJI Mavic 3 Pro Cine
Model:	L2E
Test Mode:	SDR 2.4G_1.4M_2435.5MHz
Order No/Sample No:	168400062/A003384103-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

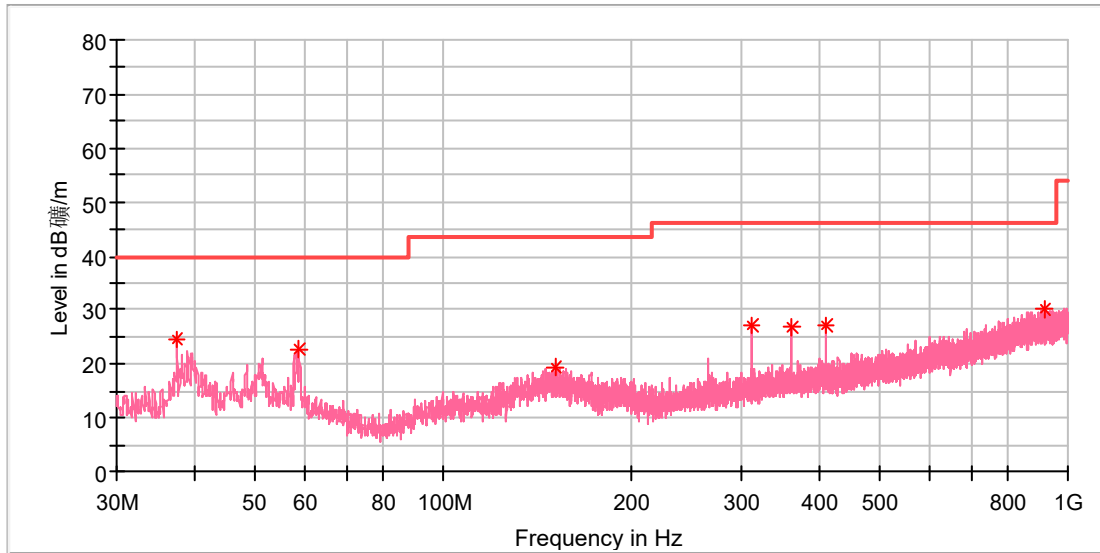
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
50.273000	17.94	40.00	22.06	100.0	H	122.0	-18.3
184.472500	29.81	43.50	13.69	100.0	H	264.0	-20.1
264.012500	29.21	46.00	16.79	100.0	H	270.0	-17.0
312.027500	28.88	46.00	17.12	100.0	H	290.0	-15.9
892.815000	30.83	46.00	15.17	100.0	H	93.0	-5.0

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2435.5MHz
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.517500	24.51	40.00	15.49	100.0	V	260.0	-21.0
58.518000	22.80	40.00	17.20	100.0	V	207.0	-18.8
151.395500	19.38	43.50	24.12	100.0	V	207.0	-22.1
312.027500	27.15	46.00	18.85	100.0	V	4.0	-15.9
360.042500	26.75	46.00	19.25	100.0	V	302.0	-14.6
408.009000	27.31	46.00	18.69	100.0	V	330.0	-13.5
917.695500	30.01	46.00	15.99	100.0	V	110.0	-4.8

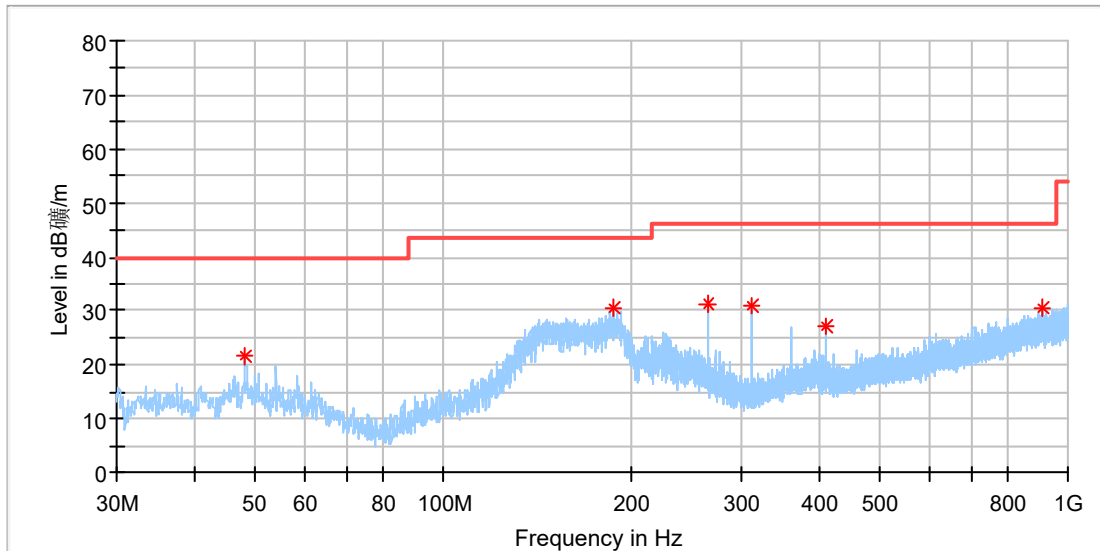
Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

30MHz - 1GHz for co-location

EUT Information

EUT Name:	DJI Mavic 3 Pro Cine
Model:	L2E
Test Mode:	SDR 2.4G_1.4M_2403.5MHz+WIFI 2.4G_11b_Ch6
Order No/Sample No:	168400062/A003384103-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

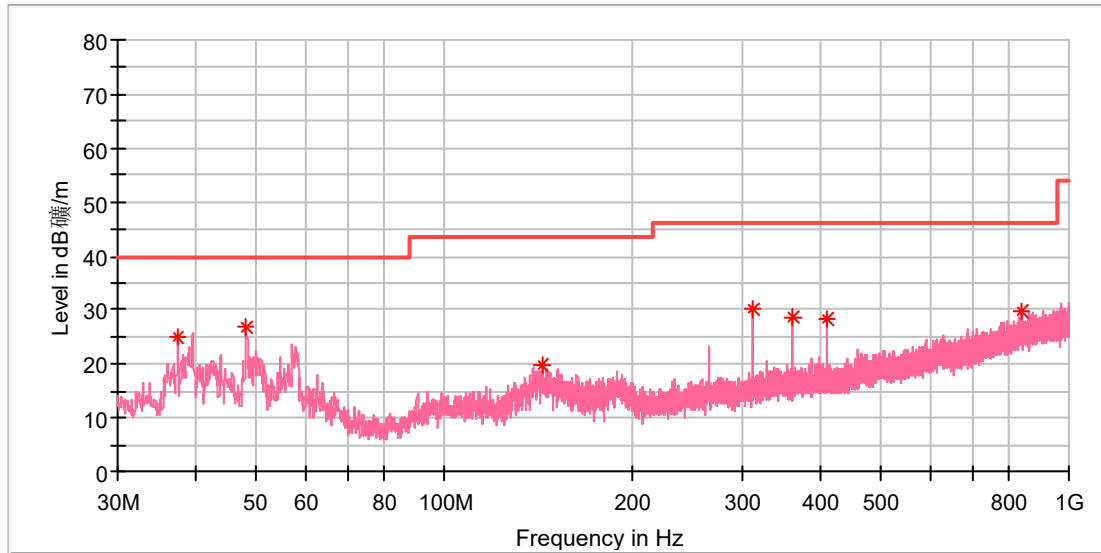
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.236000	21.60	40.00	18.40	100.0	H	69.0	-18.4
187.382500	30.36	43.50	13.14	100.0	H	240.0	-19.8
264.012500	31.22	46.00	14.78	100.0	H	82.0	-17.0
312.027500	31.05	46.00	14.95	100.0	H	75.0	-15.9
408.009000	27.00	46.00	19.00	100.0	H	275.0	-13.5
907.122500	30.36	46.00	15.64	100.0	H	317.0	-4.9

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2403.5MHz+WIFI 2.4G_11b_Ch6
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

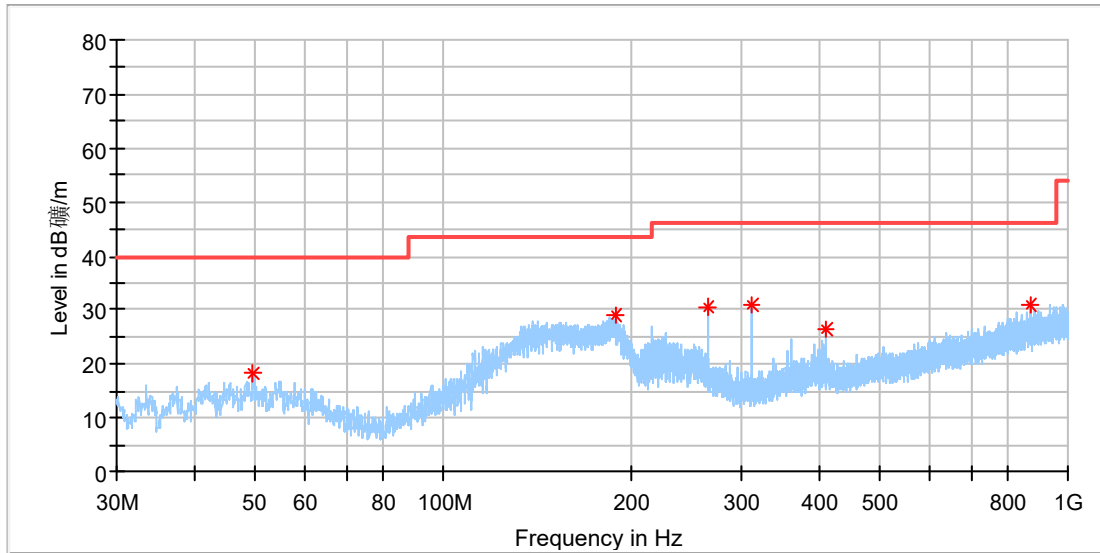
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
37.469000	25.05	40.00	14.95	100.0	V	0.0	-21.0
48.236000	26.91	40.00	13.09	100.0	V	0.0	-18.4
143.732500	19.62	43.50	23.88	100.0	V	186.0	-22.2
312.027500	30.32	46.00	15.68	100.0	V	2.0	-15.9
359.994000	28.55	46.00	17.45	100.0	V	0.0	-14.6
408.009000	28.44	46.00	17.56	100.0	V	17.0	-13.5
838.640500	29.66	46.00	16.34	100.0	V	342.0	-5.7

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2435.5MHz+WIFI 5.8G_11a_Ch157
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC part 15C
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

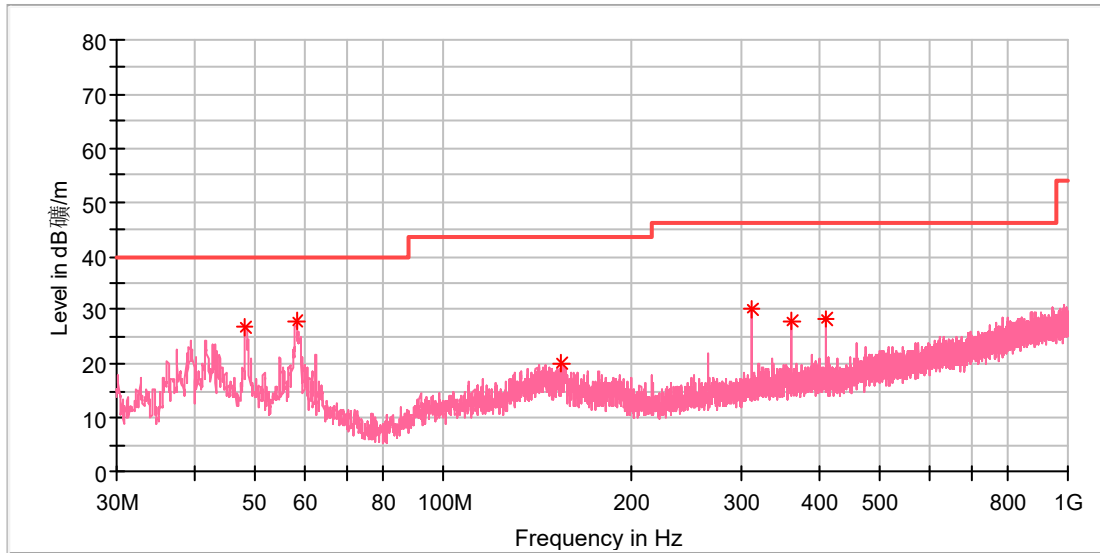
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.642500	18.07	40.00	21.93	100.0	H	239.0	-18.3
188.352500	28.95	43.50	14.55	100.0	H	266.0	-19.7
264.012500	30.61	46.00	15.39	100.0	H	95.0	-17.0
312.027500	30.91	46.00	15.09	100.0	H	232.0	-15.9
408.009000	26.46	46.00	19.54	100.0	H	95.0	-13.5
870.068500	30.84	46.00	15.16	100.0	H	192.0	-5.2

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2435.5MHz+WIFI 5.8G_11a_Ch157
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC part 15C
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.284500	26.89	40.00	13.11	100.0	V	30.0	-18.4
58.178500	27.93	40.00	12.07	100.0	V	197.0	-18.8
154.208500	20.15	43.50	23.35	100.0	V	359.0	-22.0
312.027500	30.25	46.00	15.75	100.0	V	155.0	-15.9
359.994000	27.77	46.00	18.23	100.0	V	211.0	-14.6
408.009000	28.17	46.00	17.83	100.0	V	155.0	-13.5

Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

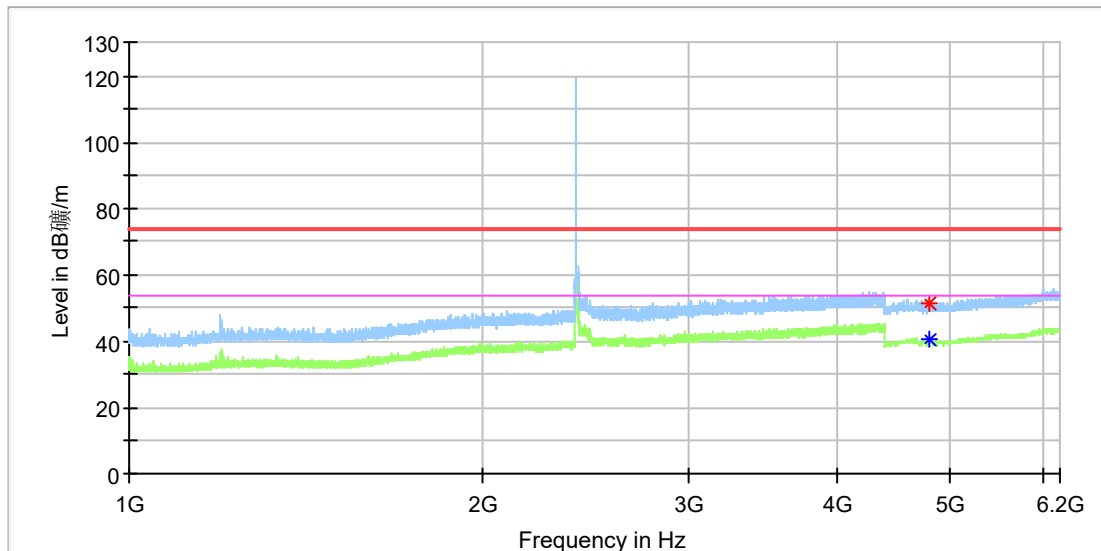
Note: The highest waveform in the figure is 2.4GHz SDR Fundamental.

1GHz - 18GHz

2.4GHz SDR, 1.4MHz BW

EUT Information

EUT Name:	DJI Mavic 3 Pro Cine
Model:	L2E
Test Mode:	SDR 2.4G_1.4M_2403.5MHz
Order No/Sample No:	168400062/A003384103-004
Test Voltage:	Battery
Remark:	Temp 23 Humi:53%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

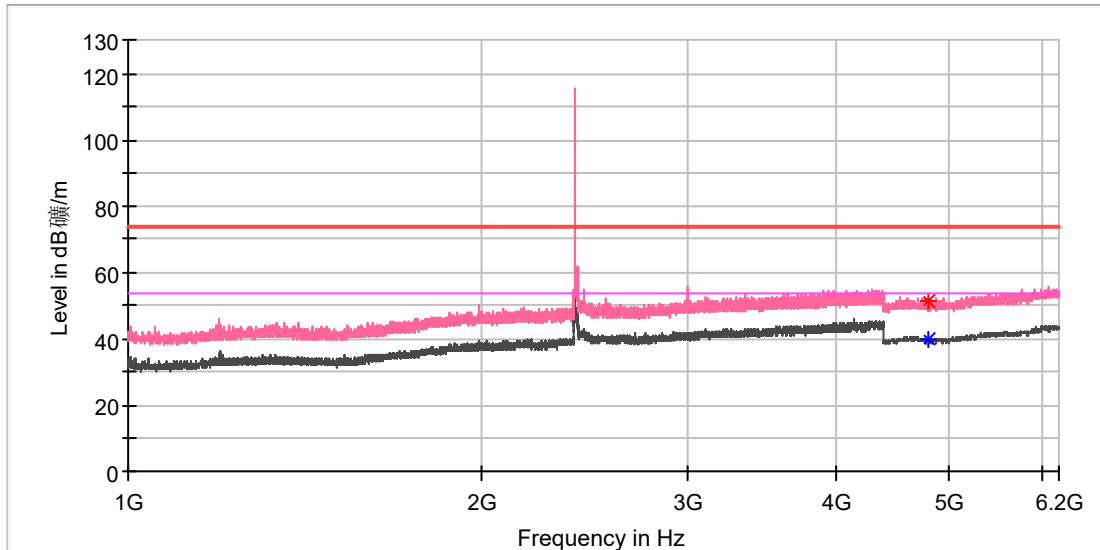
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4806.500000	---	40.75	54.00	13.25	100.0	H	339.0	11.8
4807.000000	51.60	---	74.00	22.40	100.0	H	185.0	11.8

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2403.5MHz
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

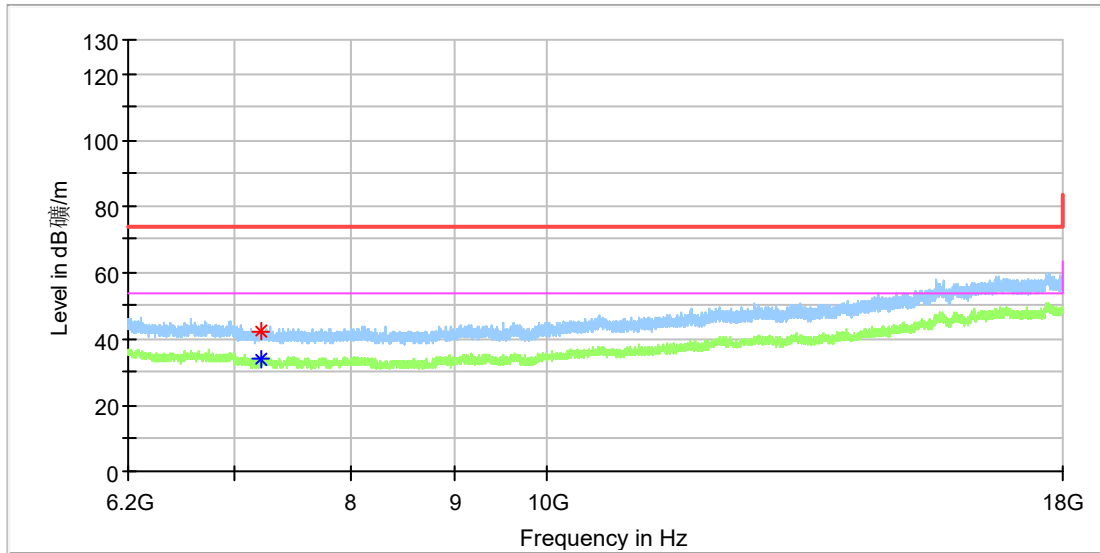
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4803.000000	51.49	---	74.00	22.51	100.0	V	305.0	11.8
4807.000000	---	40.18	54.00	13.82	100.0	V	88.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2403.5MHz
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

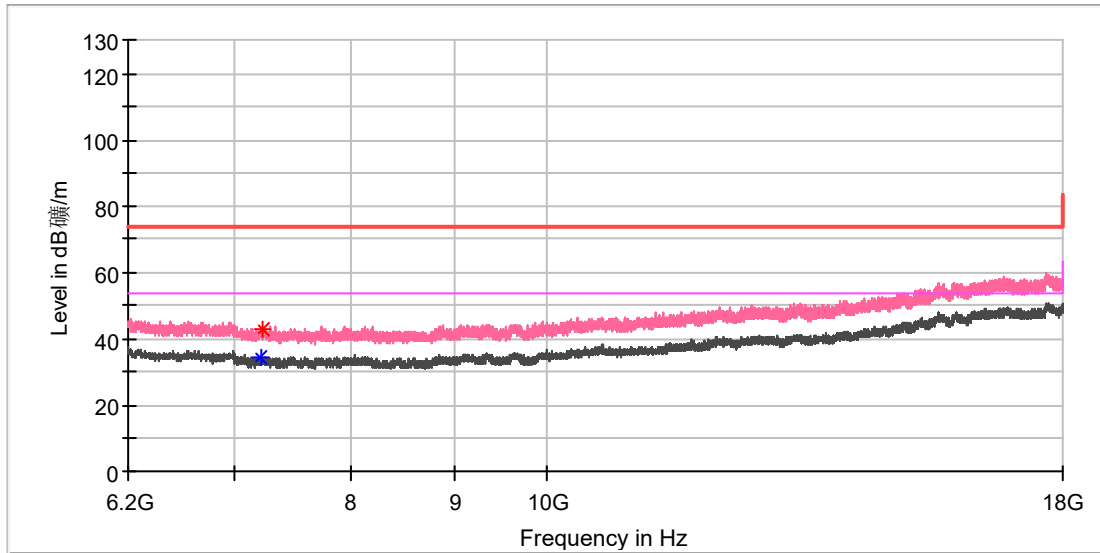
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7203.983333	---	34.06	54.00	19.94	100.0	H	9.0	8.8
7204.475000	42.40	---	74.00	31.60	100.0	H	9.0	8.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
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Critical Freqs

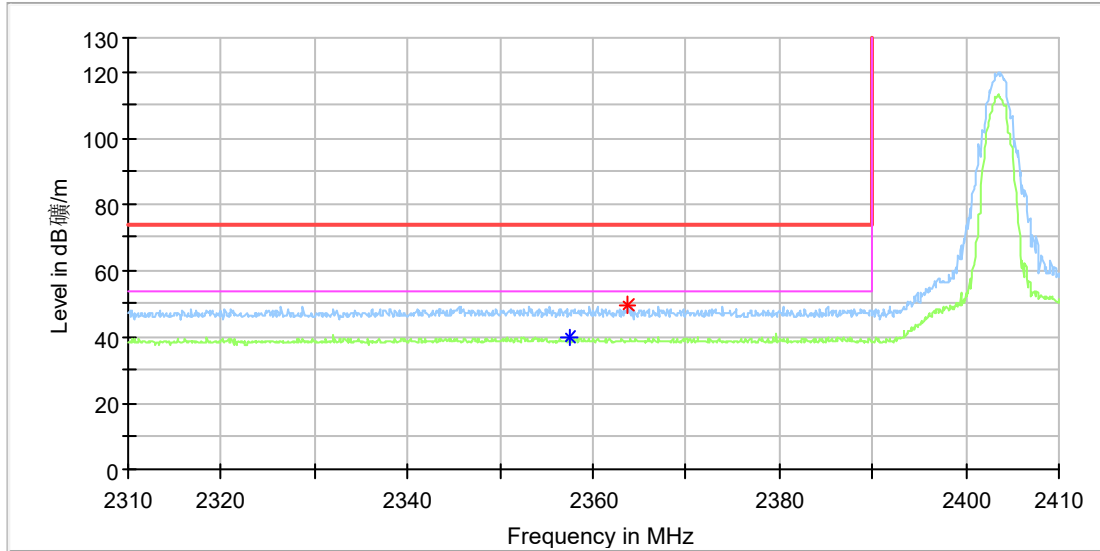
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7215.783333	---	34.35	54.00	19.65	100.0	V	201.0	8.7
7224.633333	42.94	---	74.00	31.06	100.0	V	311.0	8.7

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2403.5MHz
 Order No/Sample No: 168400062/A003384103-004
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Critical Freqs

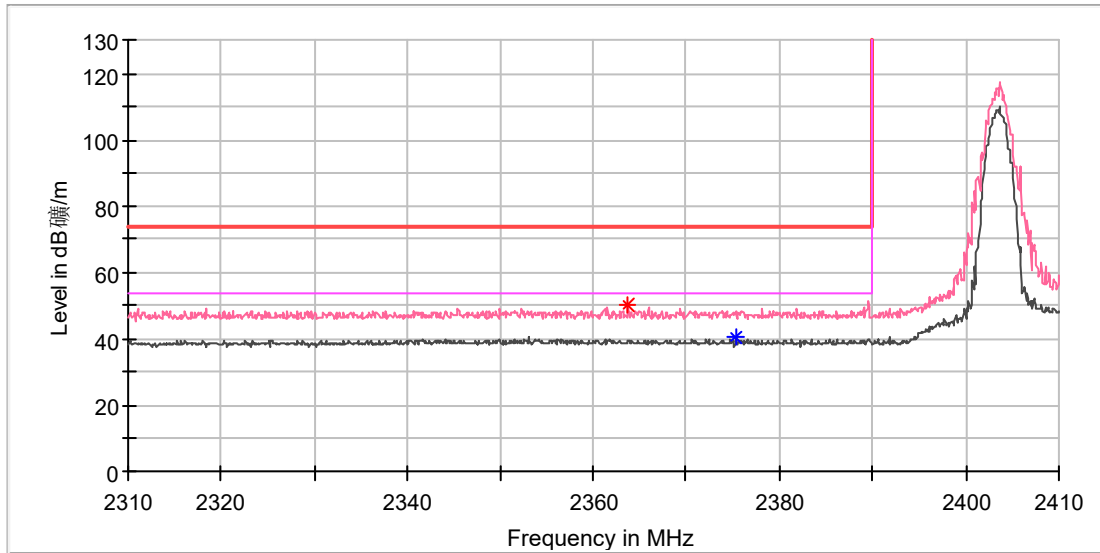
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2357.400000	---	40.18	54.00	13.82	100.0	H	0.0	6.9
2363.700000	49.63	---	74.00	24.37	100.0	H	275.0	6.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2403.5MHz
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

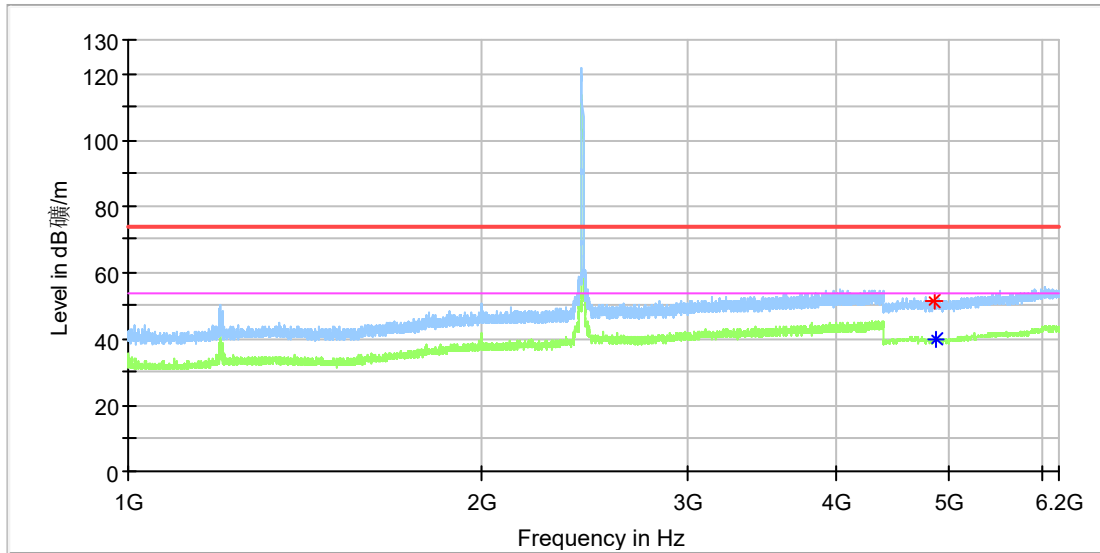
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2363.700000	49.90	---	74.00	24.10	100.0	V	110.0	6.9
2375.300000	---	40.29	54.00	13.71	100.0	V	0.0	6.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2435.5MHz
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

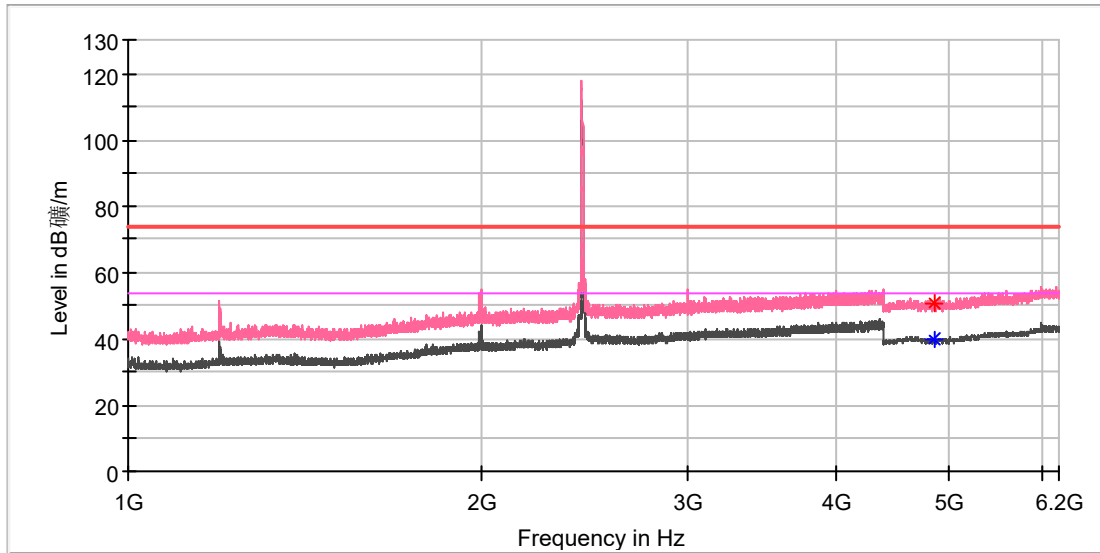
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4860.500000	51.54	---	74.00	22.46	100.0	H	6.0	11.8
4872.500000	---	39.82	54.00	14.18	100.0	H	293.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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EUT Information

EUT Name: DJI Mavic 3 Pro Cine
 Model: L2E
 Test Mode: SDR 2.4G_1.4M_2435.5MHz
 Order No/Sample No: 168400062/A003384103-004
 Test Voltage: Battery
 Remark: Temp 23 Humi:53%
 Test Standard: FCC 15.247
 Tested By: Kei Zhang
 Reviewed By: Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4855.500000	---	40.04	54.00	13.96	100.0	V	122.0	11.8
4867.000000	50.68	---	74.00	23.32	100.0	V	331.0	11.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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