

Appendix A: Test Results of 2.4GHz SDR

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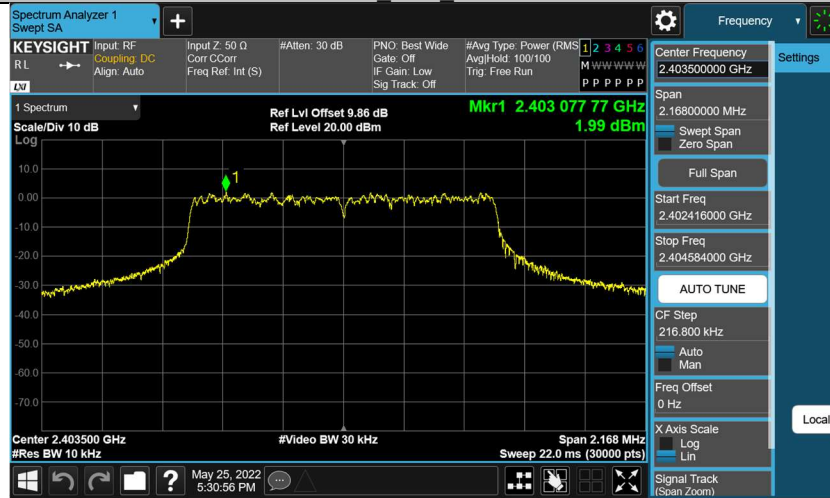
Note: All testing were carried out on SISO mode and MIMO mode, but only the worst case was presented in this report.

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

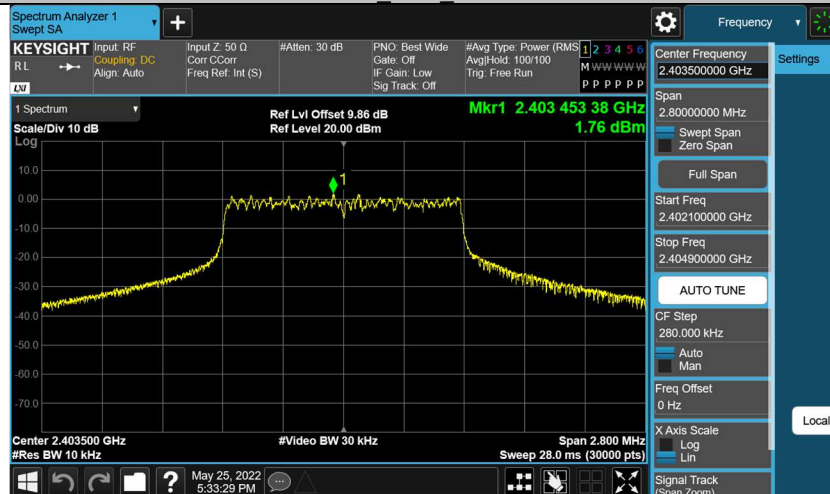
2.4GHz SDR, 1.4MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M	2403.5	Ant0	1.99	≤8.00	PASS
		Ant1	1.76	≤8.00	PASS
		Total	4.89	≤8.00	PASS
	2435.5	Ant0	2.40	≤8.00	PASS
		Ant1	2.64	≤8.00	PASS
		Total	5.53	≤8.00	PASS
	2469.5	Ant0	2.38	≤8.00	PASS
		Ant1	2.33	≤8.00	PASS
		Total	5.37	≤8.00	PASS

1.4M Ant0 2403.5

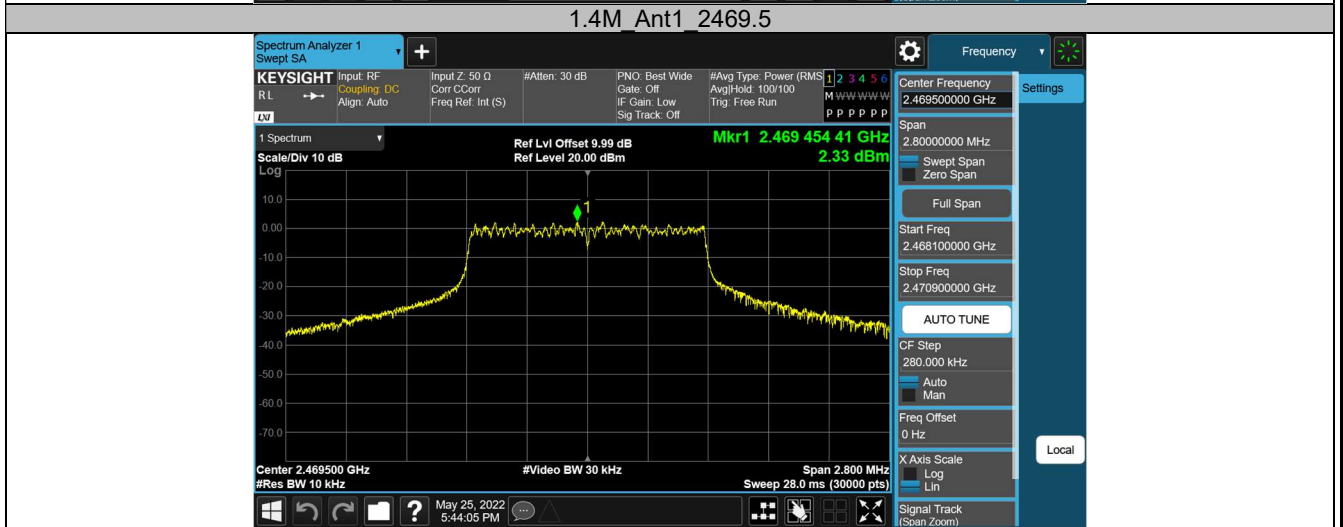
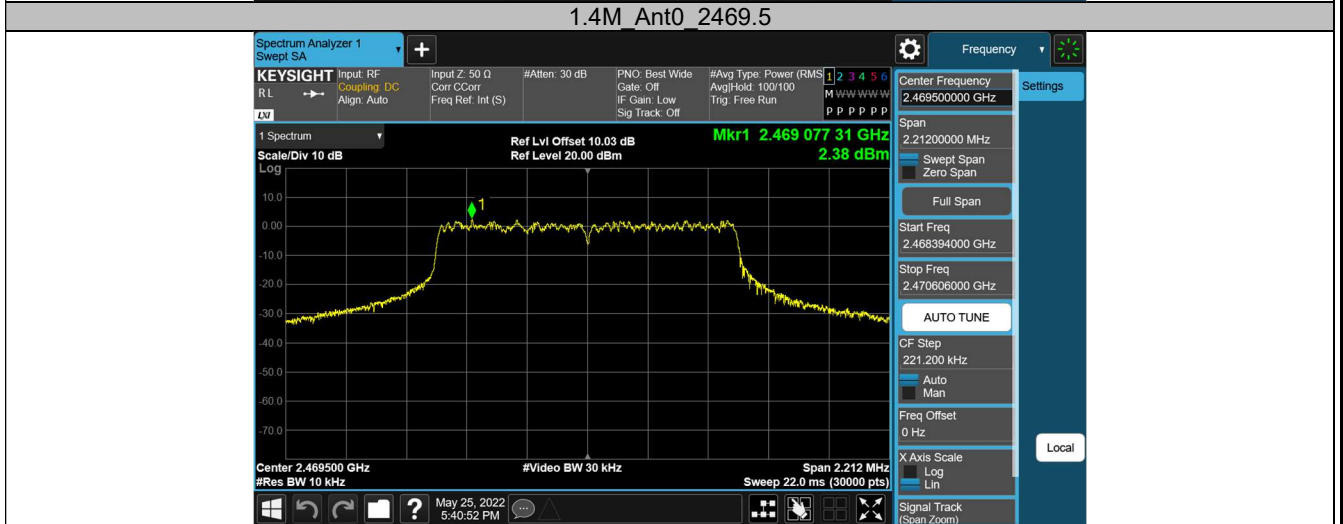
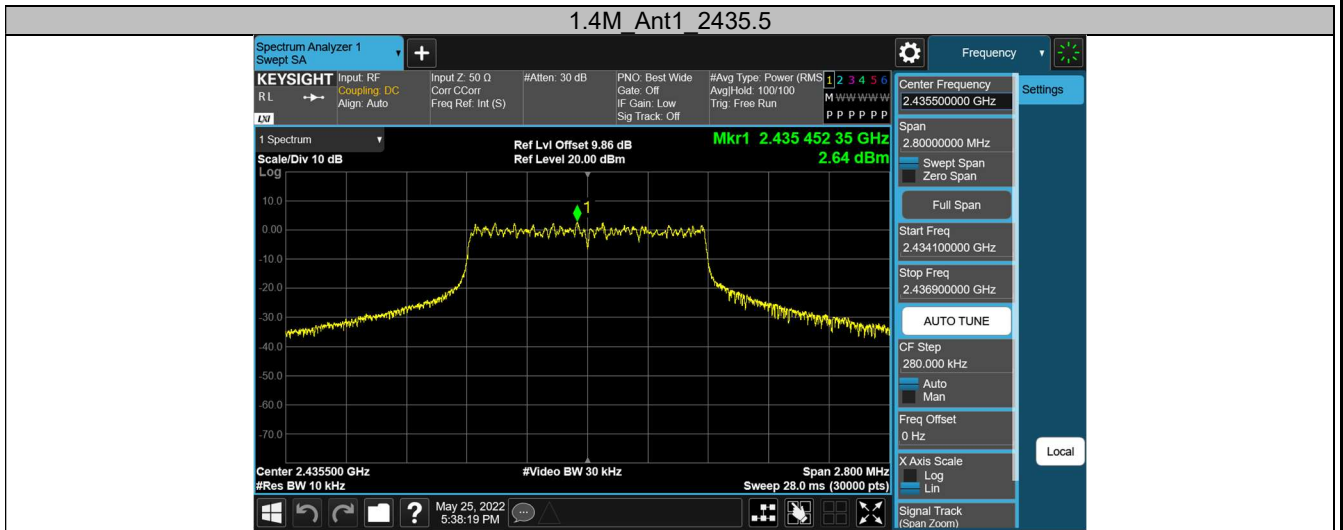


1.4M Ant1 2403.5



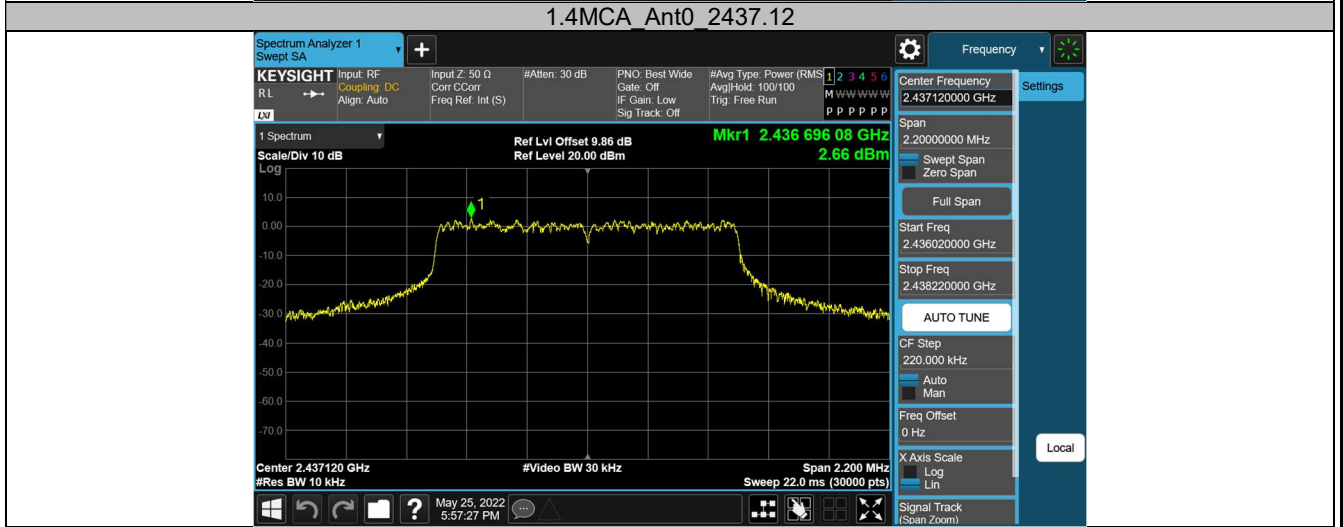
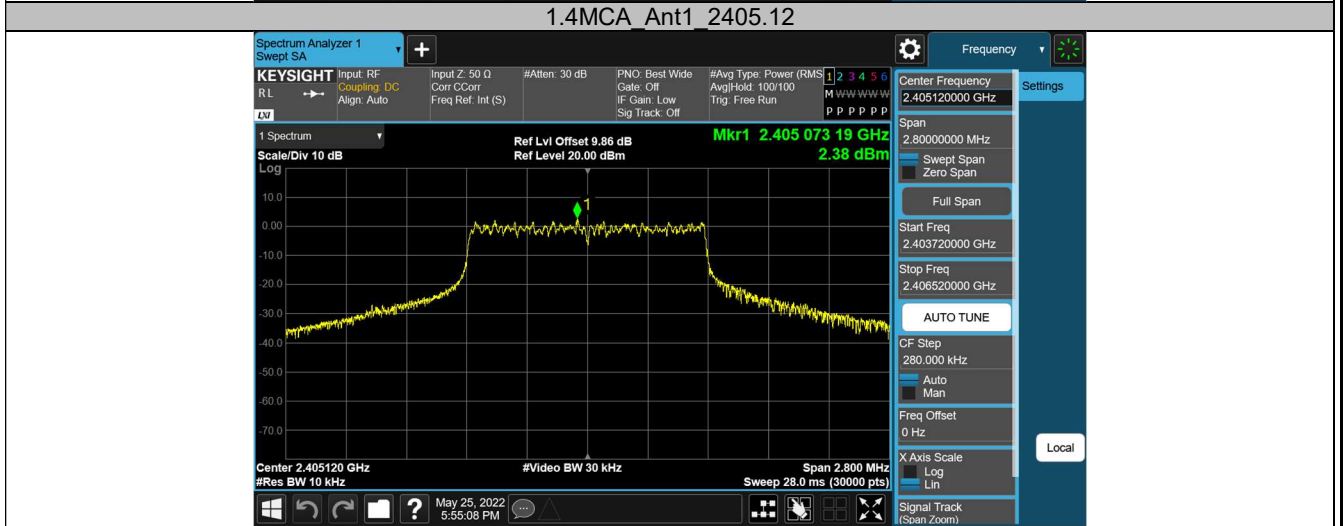
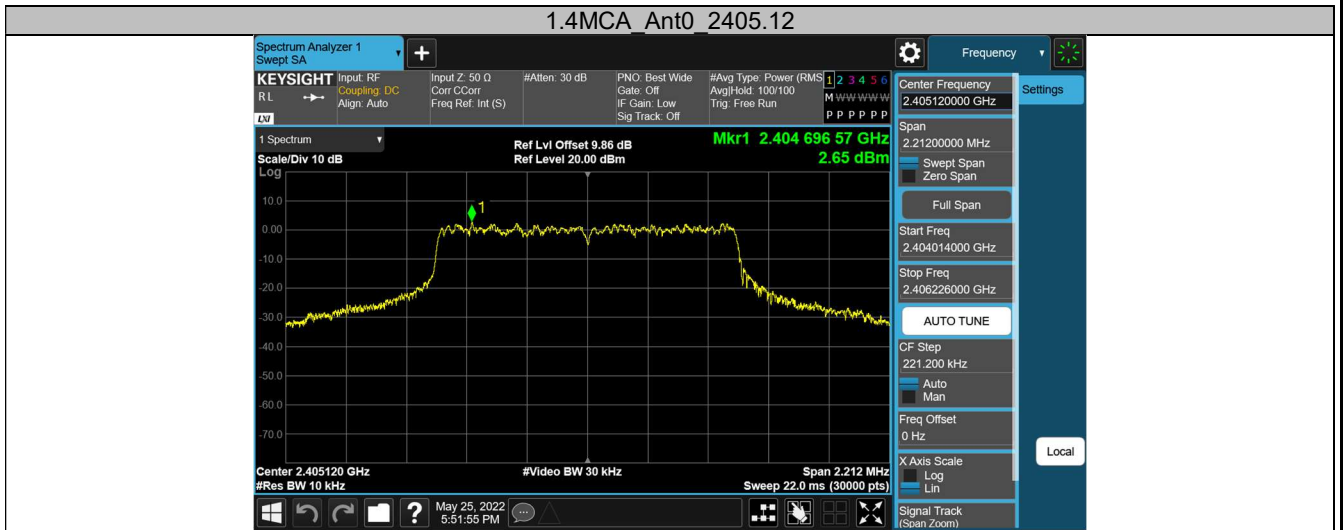
1.4M Ant0 2435.5

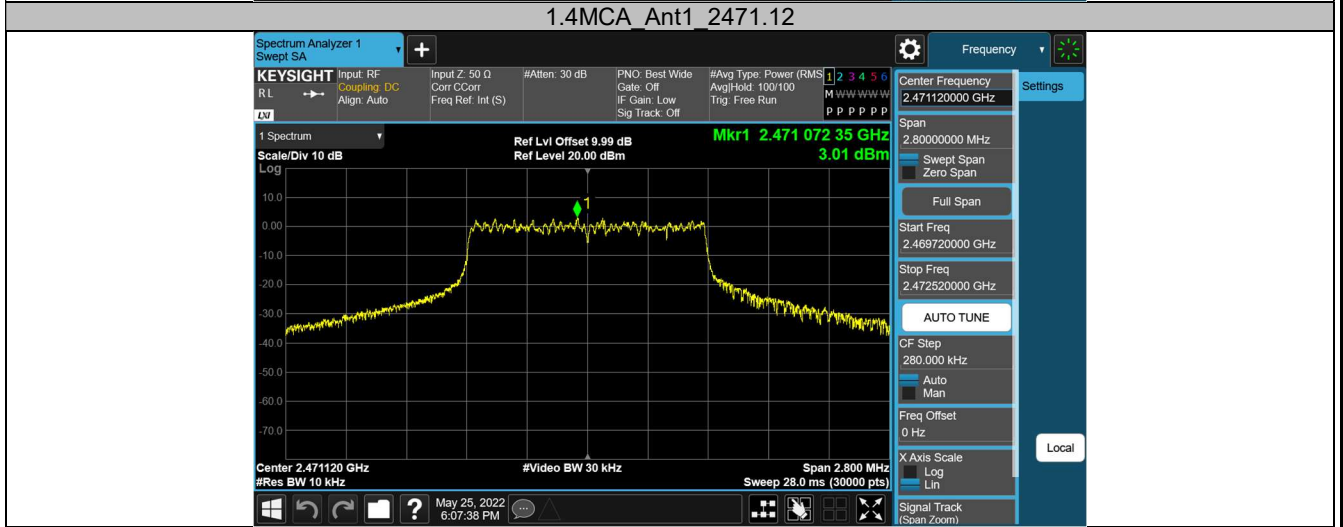
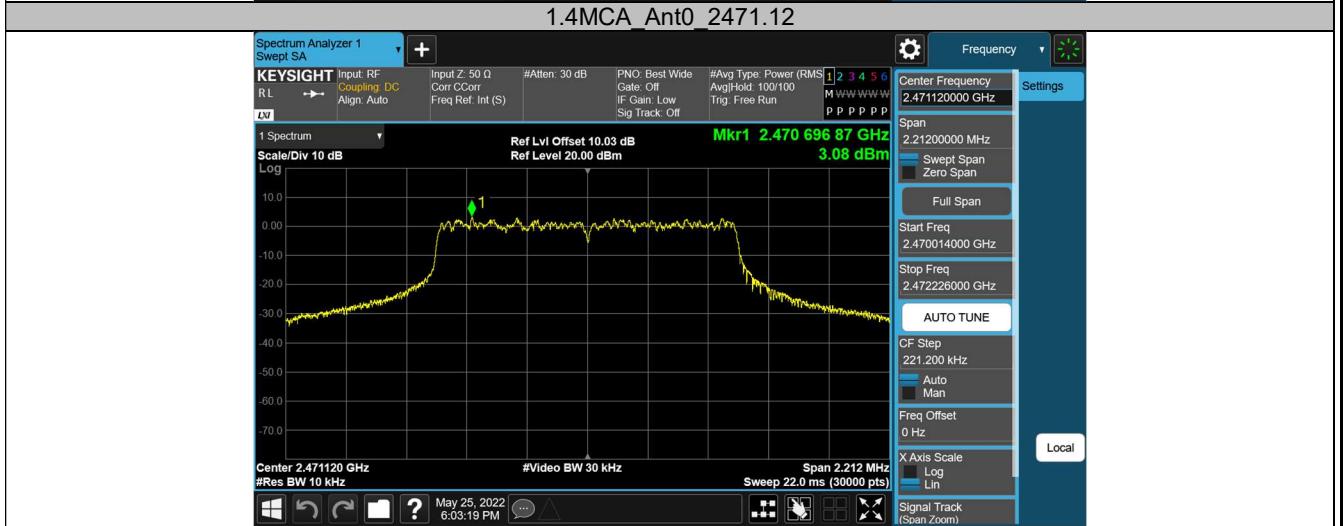
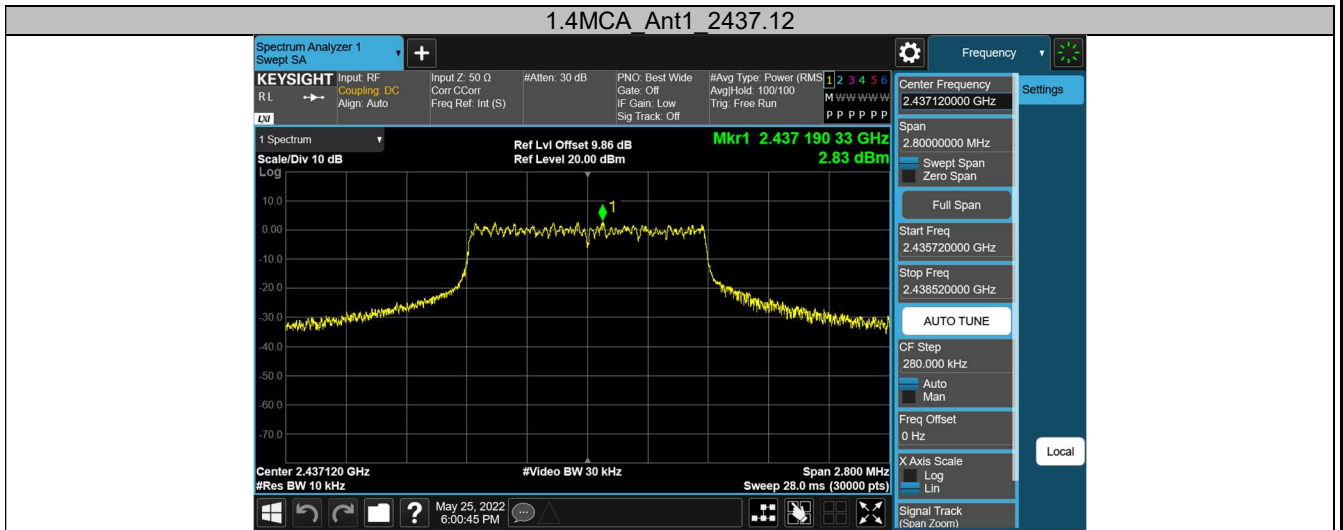




2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4MCA	2405.12	Ant0	2.65	≤8.00	PASS
		Ant1	2.38	≤8.00	PASS
		Total	5.53	≤8.00	PASS
	2437.12	Ant0	2.66	≤8.00	PASS
		Ant1	2.83	≤8.00	PASS
		Total	5.76	≤8.00	PASS
	2471.12	Ant0	3.08	≤8.00	PASS
		Ant1	3.01	≤8.00	PASS
		Total	6.06	≤8.00	PASS

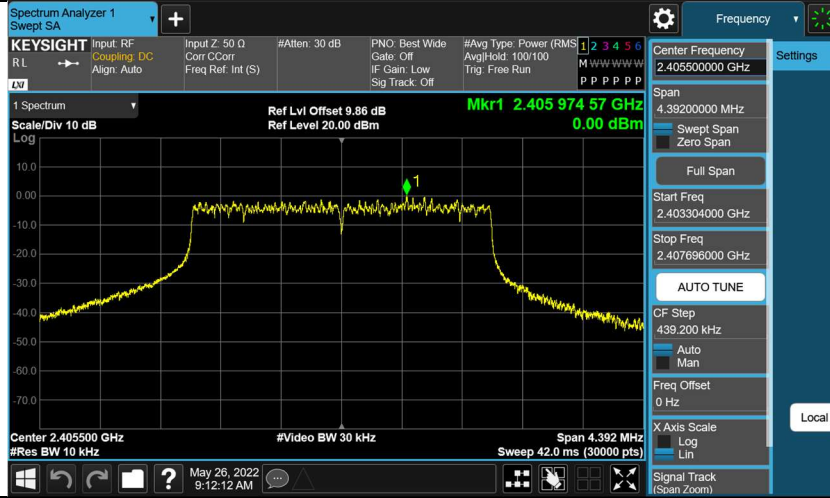




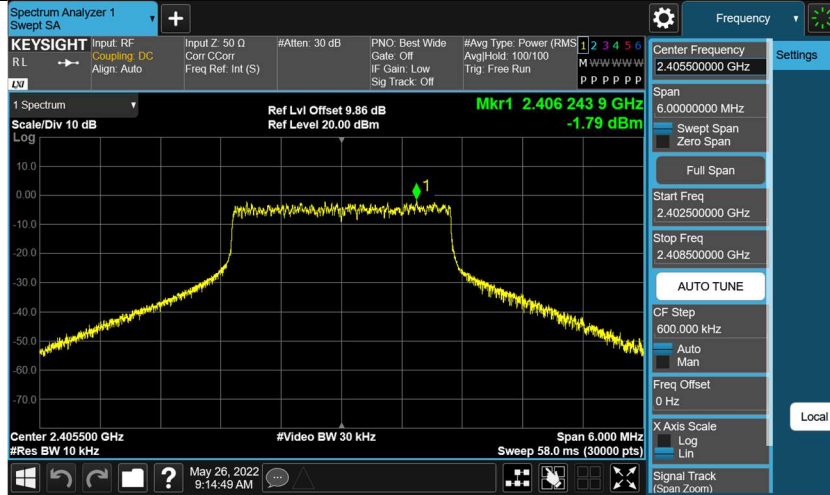
2.4GHz SDR, 3MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M	2405.5	Ant0	0	≤8.00	PASS
		Ant1	-1.79	≤8.00	PASS
		Total	2.21	≤8.00	PASS
	2435.5	Ant0	0.53	≤8.00	PASS
		Ant1	-0.35	≤8.00	PASS
		Total	3.12	≤8.00	PASS
	2468.5	Ant0	0.87	≤8.00	PASS
		Ant1	-0.68	≤8.00	PASS
		Total	3.17	≤8.00	PASS

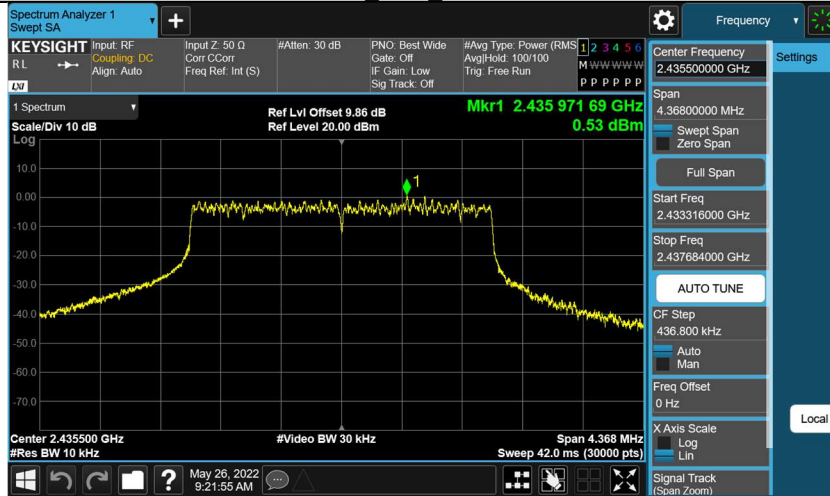
3M_Ant0_2405.5

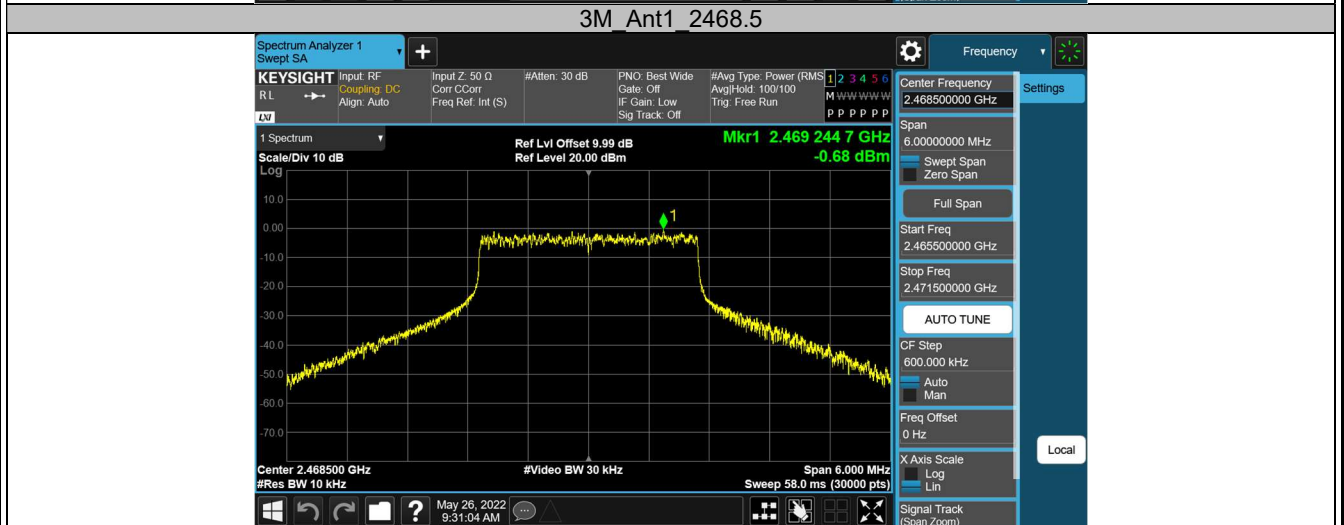
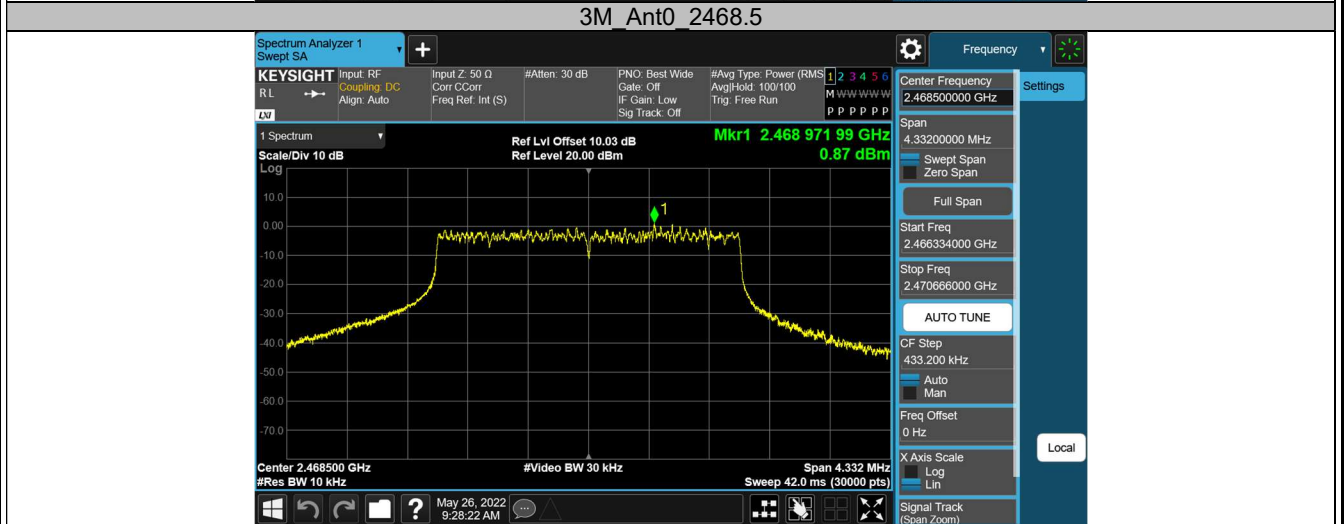
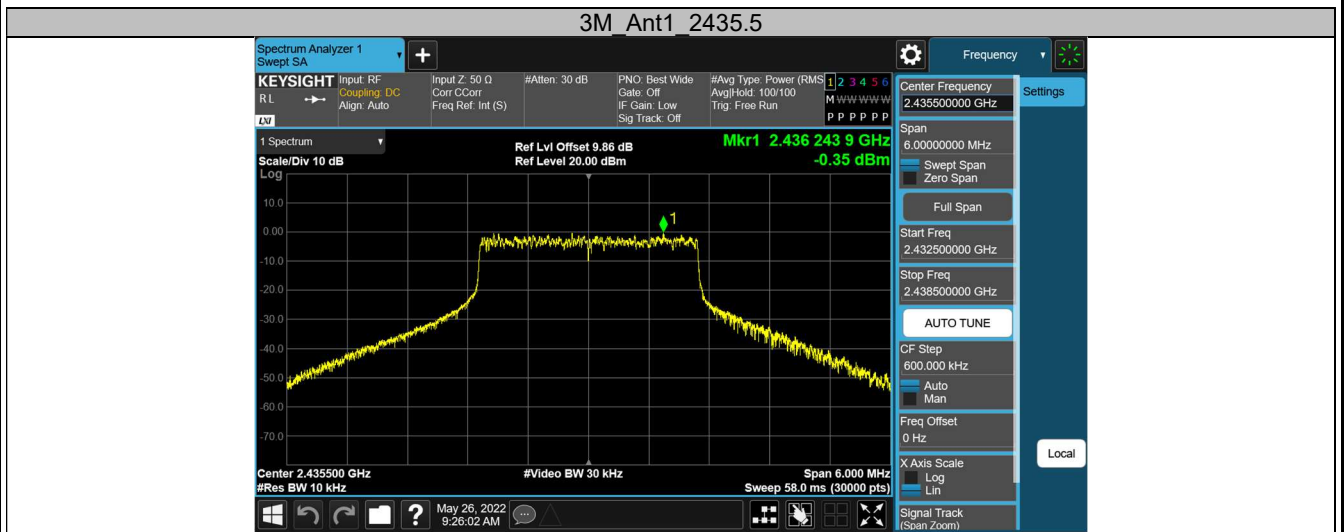


3M_Ant1_2405.5



3M_Ant0_2435.5

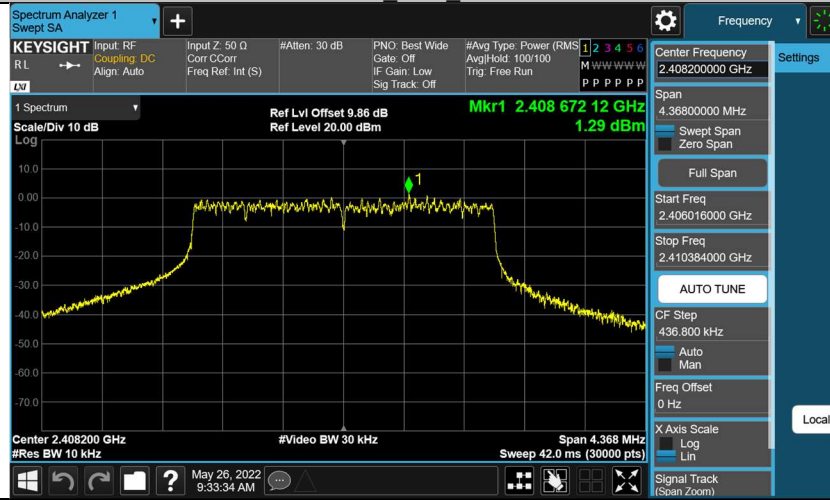




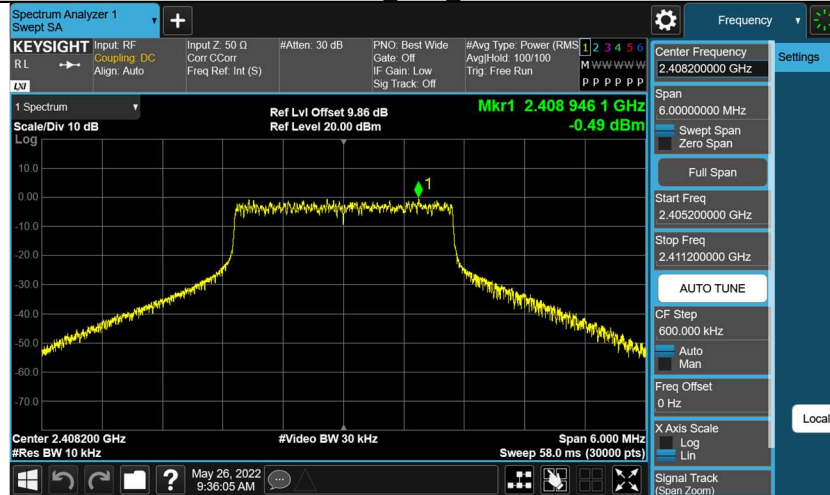
2.4GHz SDR, 3MHz BW CA mode

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3MCA	2408.2	Ant0	1.29	≤8.00	PASS
		Ant1	-0.49	≤8.00	PASS
		Total	3.50	≤8.00	PASS
	2438.2	Ant0	1.32	≤8.00	PASS
		Ant1	-0.32	≤8.00	PASS
		Total	3.59	≤8.00	PASS
	2471.2	Ant0	1.60	≤8.00	PASS
		Ant1	-0.13	≤8.00	PASS
		Total	3.83	≤8.00	PASS

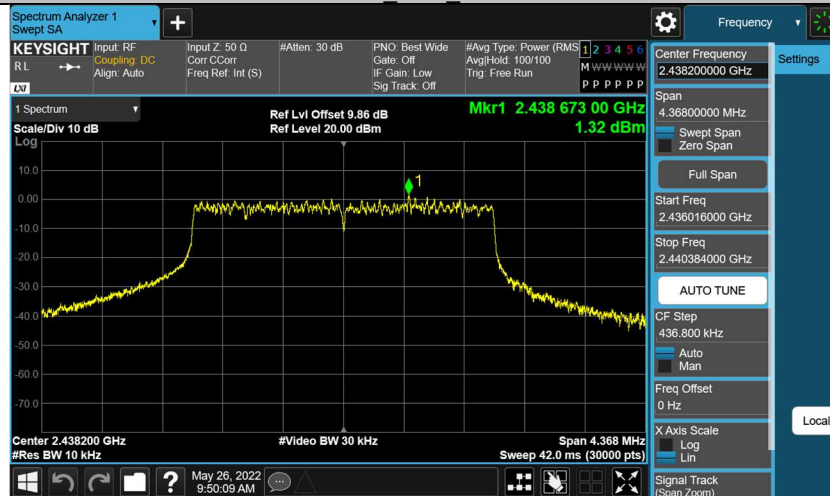
3MCA Ant0 2408.2

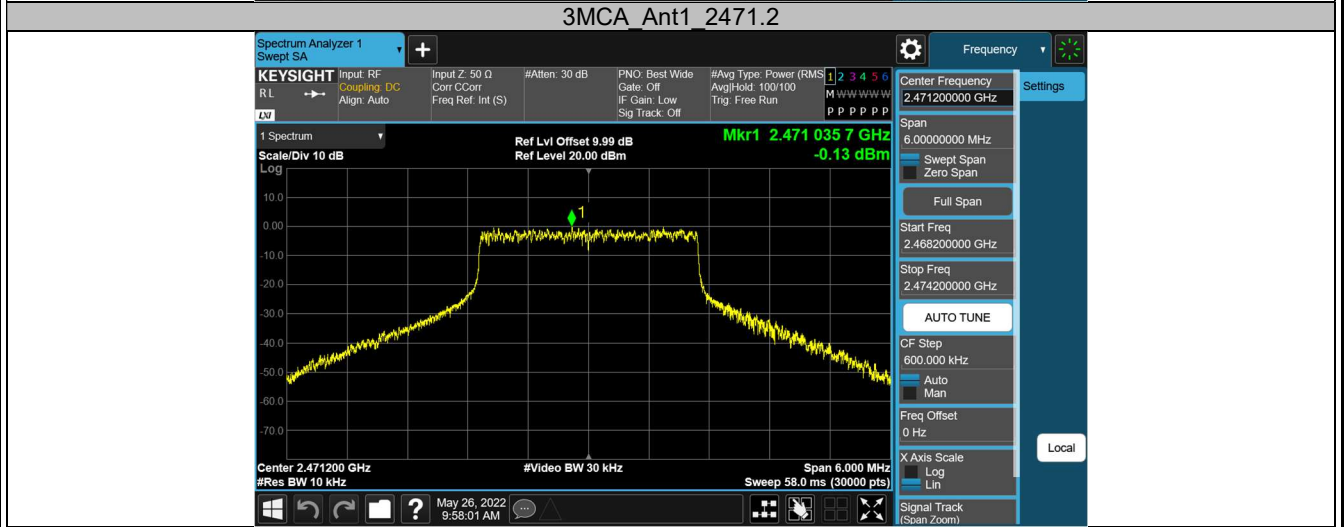
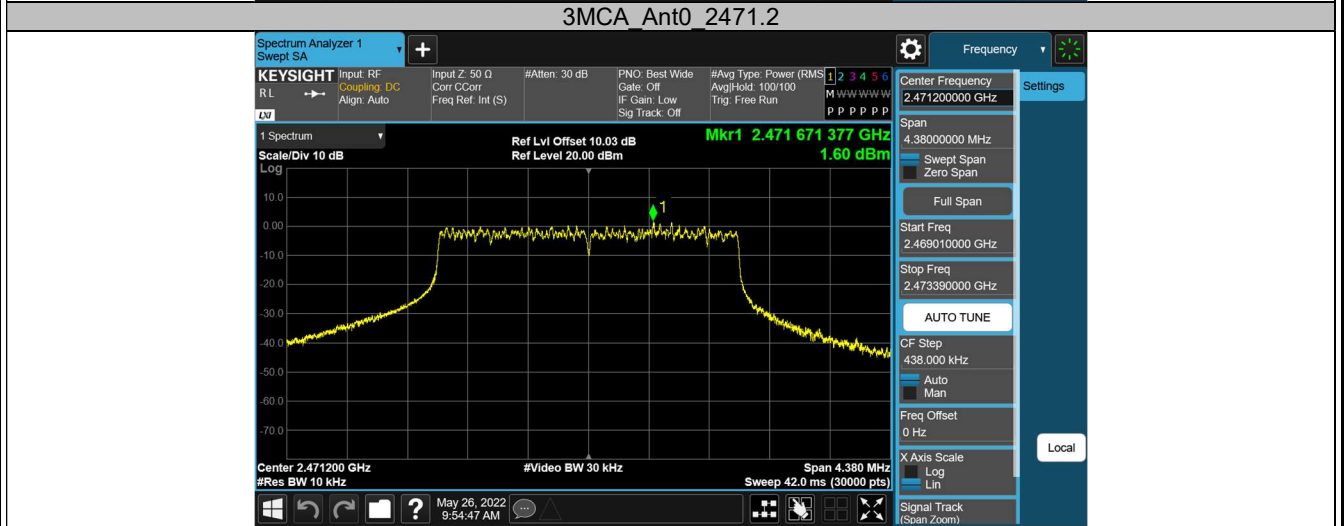


3MCA Ant1 2408.2



3MCA Ant0 2438.2

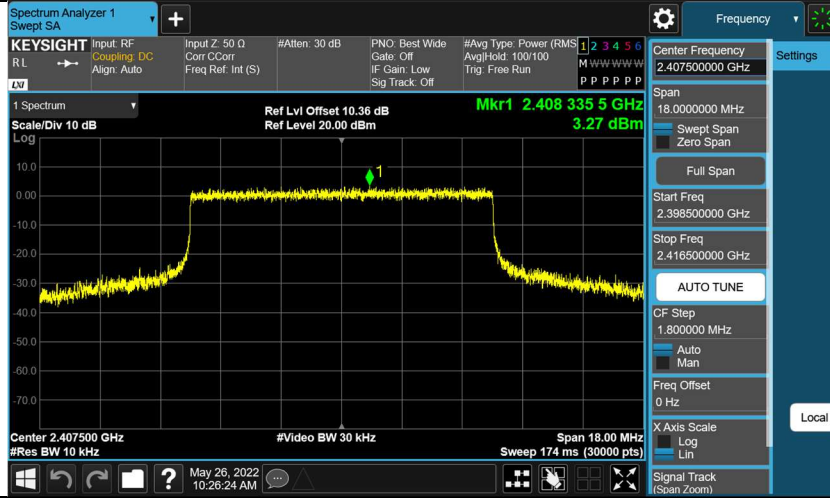




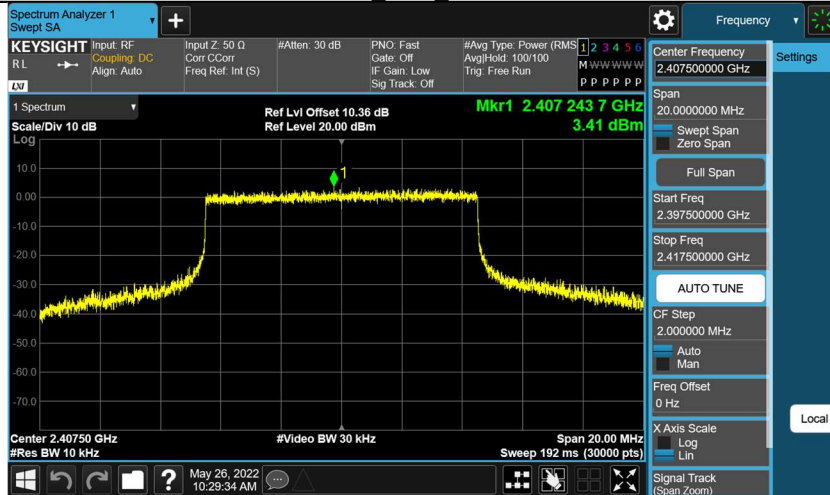
2.4GHz SDR, 10MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M	2407.5	Ant0	3.27	≤8.00	PASS
		Ant1	3.41	≤8.00	PASS
		Total	6.35	≤8.00	PASS
	2437.5	Ant0	4.68	≤8.00	PASS
		Ant1	3.96	≤8.00	PASS
		Total	7.34	≤8.00	PASS
	2467.5	Ant0	3.86	≤8.00	PASS
		Ant1	3.65	≤8.00	PASS
		Total	6.77	≤8.00	PASS

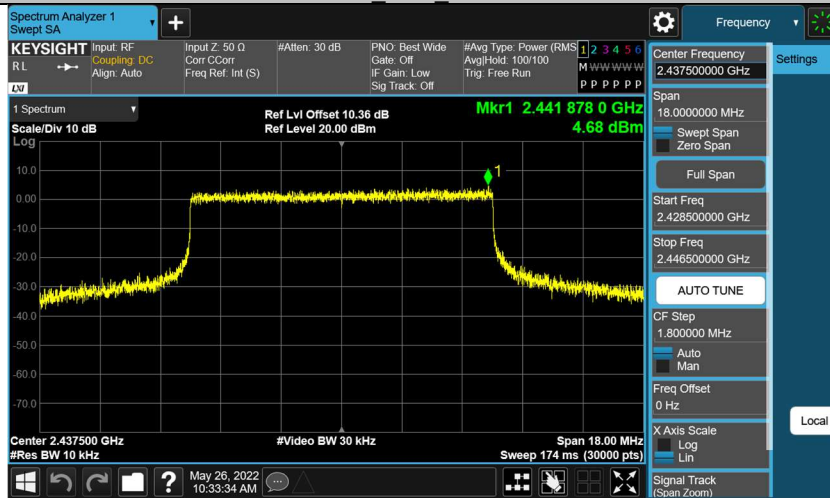
10M Ant0_2407.5



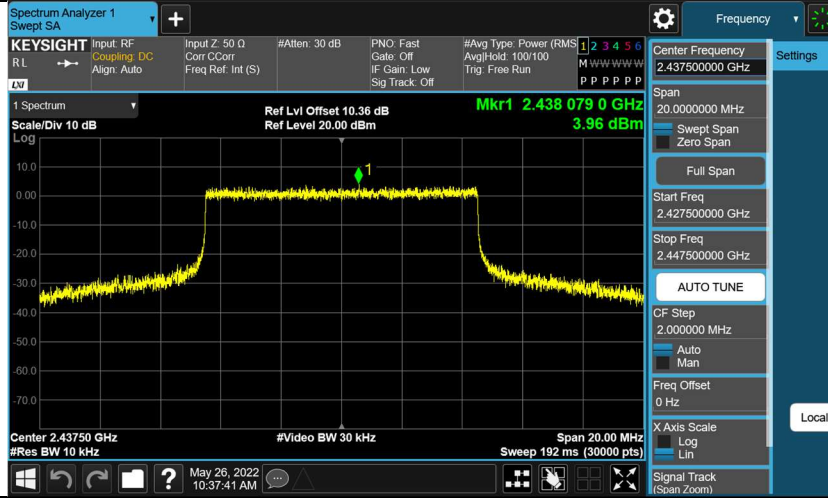
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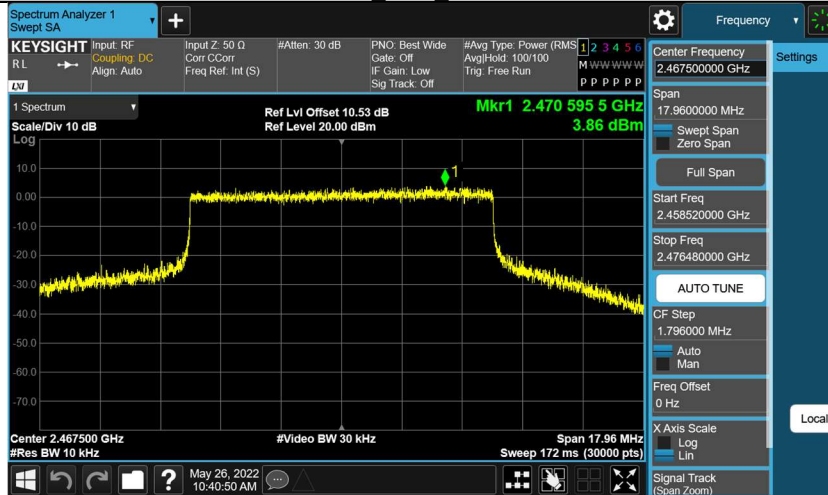
10M Ant0_2437.5



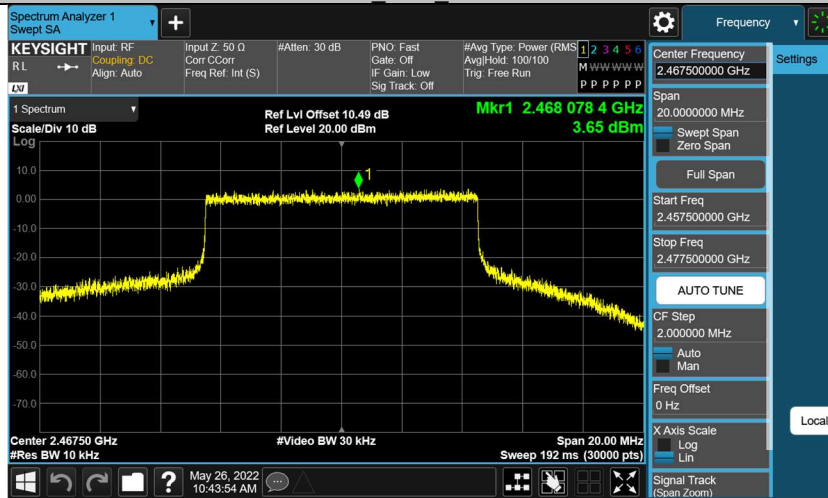
10M Ant1 2437.5



10M Ant0 2467.5



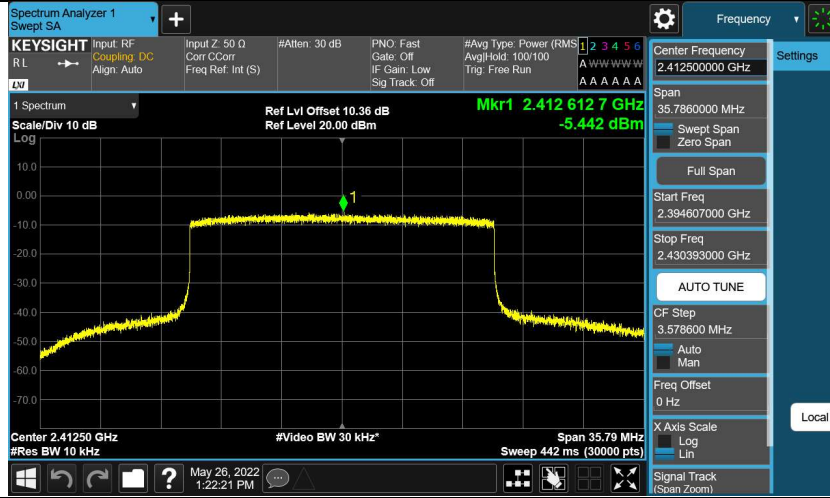
10M Ant1 2467.5



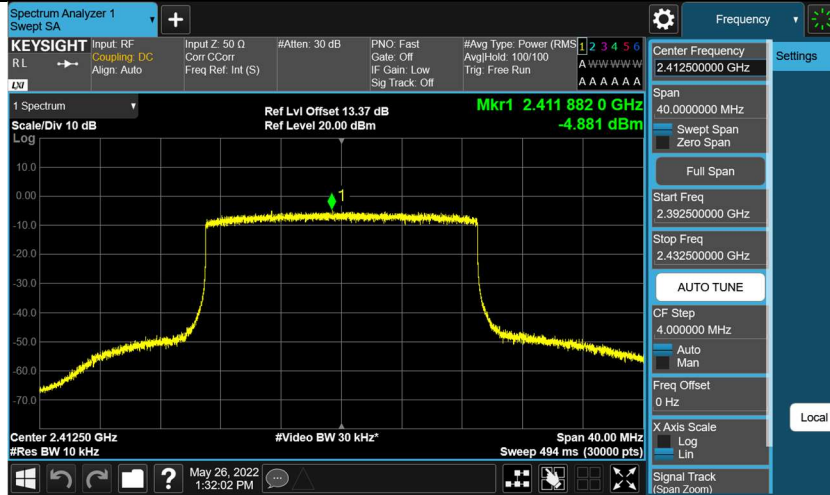
2.4GHz SDR, 20MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M	2412.5	Ant0	-5.44	≤8.00	PASS
		Ant1	-4.88	≤8.00	PASS
		Total	-2.14	≤8.00	PASS
	2437.5	Ant0	-2.04	≤8.00	PASS
		Ant1	-2.30	≤8.00	PASS
		Total	0.84	≤8.00	PASS
	2462.5	Ant0	-5.54	≤8.00	PASS
		Ant1	-4.86	≤8.00	PASS
		Total	-2.18	≤8.00	PASS

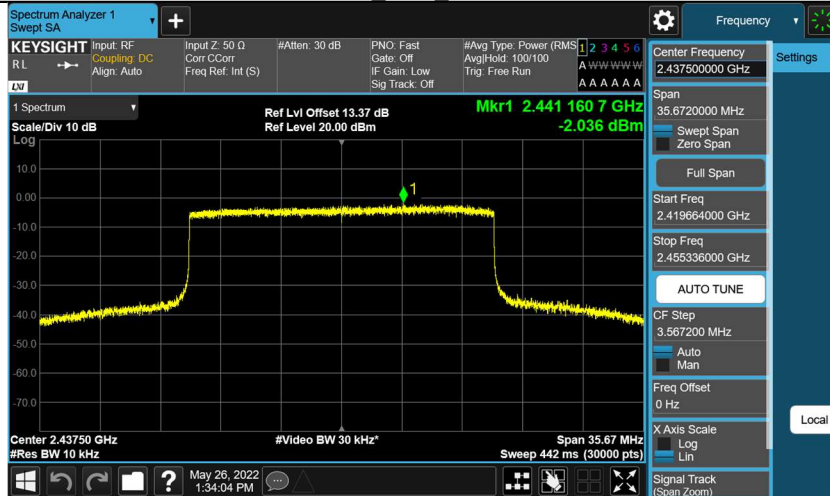
20M Ant0 2412.5



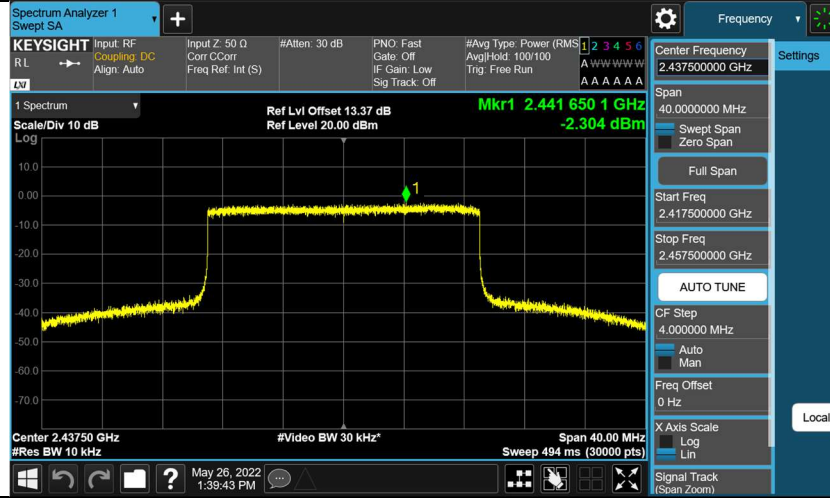
20M Ant1 2412.5



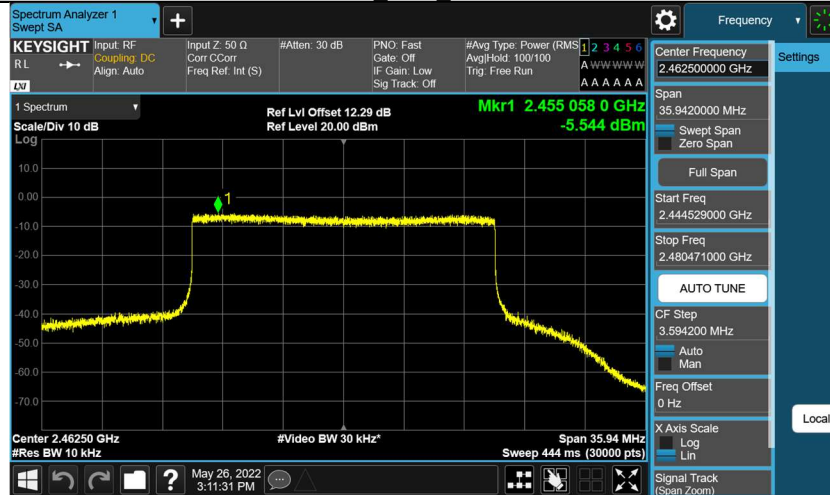
20M Ant0 2437.5



20M Ant1 2437.5



20M Ant0 2462.5



20M Ant1 2462.5

