

Appendix A: Test Results of 2.4GHz SDR

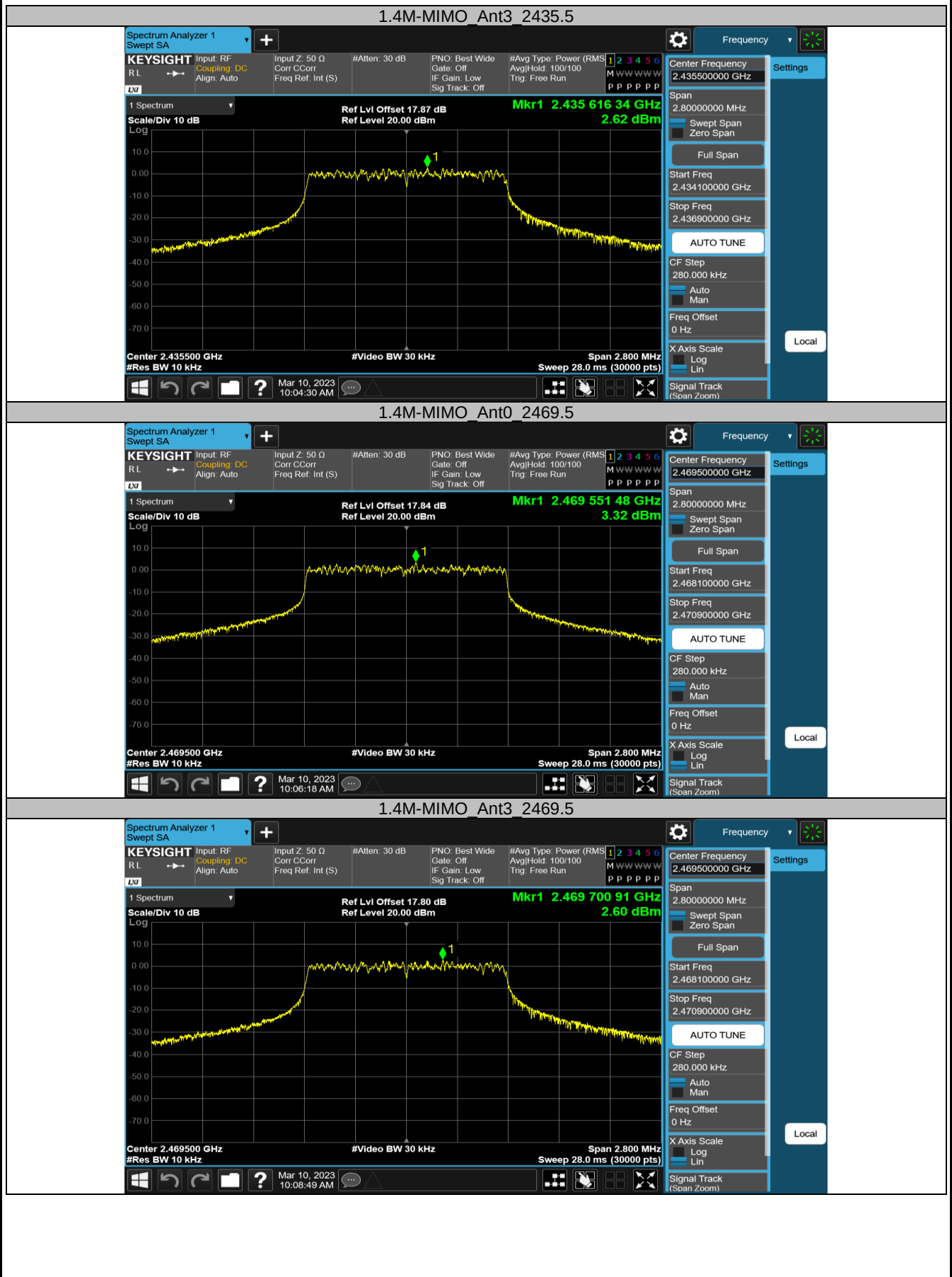
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Appendix A.1: Test Results of Conducted Power Spectral Density

2.4GHz SDR, 1.4MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M-MIMO	2403.5	Ant0	2.97	≤8.00	PASS
		Ant3	2.35	≤8.00	PASS
		Total	5.68	≤8.00	PASS
	2435.5	Ant0	3.28	≤8.00	PASS
		Ant3	2.62	≤8.00	PASS
		Total	5.97	≤8.00	PASS
	2469.5	Ant0	3.32	≤8.00	PASS
		Ant3	2.60	≤8.00	PASS
		Total	5.99	≤8.00	PASS

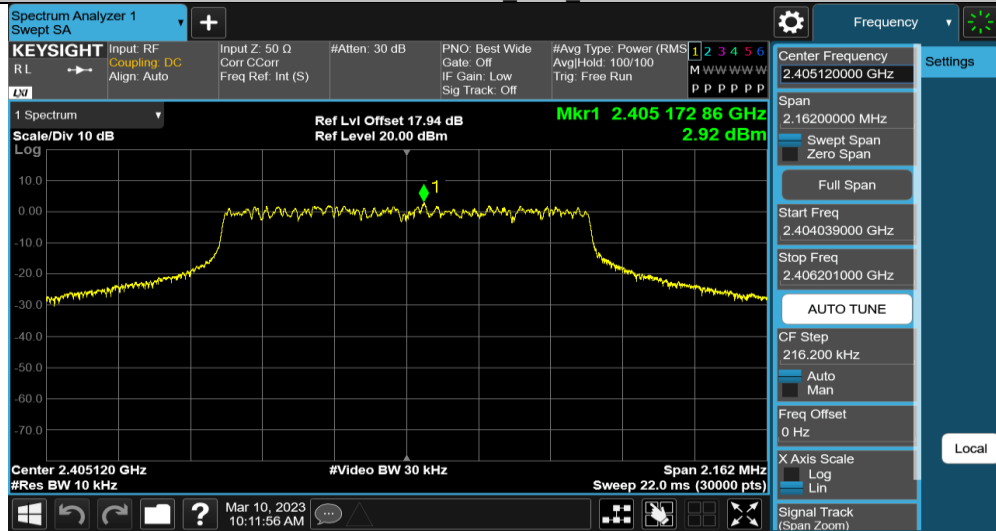




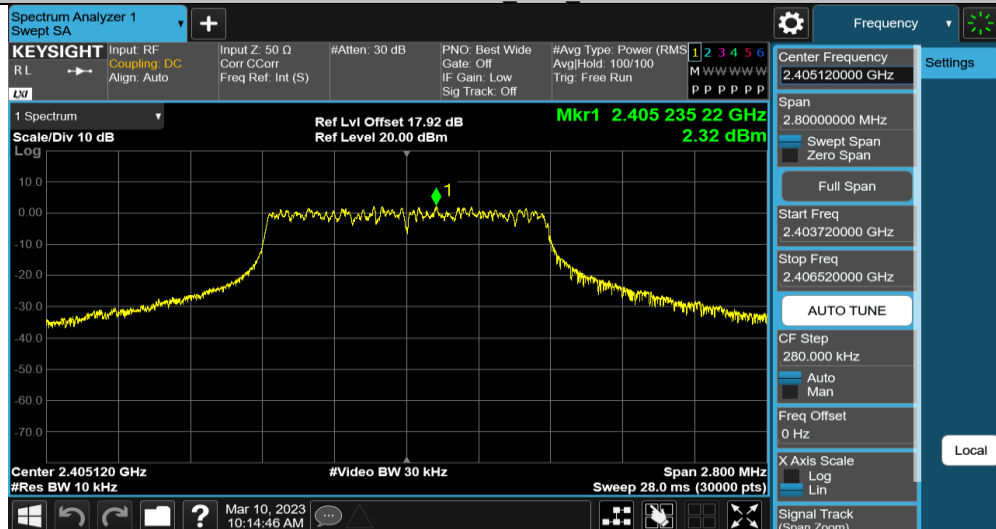
2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4MCA-MIMO	2405.12	Ant0	2.92	≤8.00	PASS
		Ant3	2.32	≤8.00	PASS
		Total	5.64	≤8.00	PASS
	2437.12	Ant0	3.28	≤8.00	PASS
		Ant3	2.79	≤8.00	PASS
		Total	6.05	≤8.00	PASS
	2471.12	Ant0	3.49	≤8.00	PASS
		Ant3	2.86	≤8.00	PASS
		Total	6.20	≤8.00	PASS

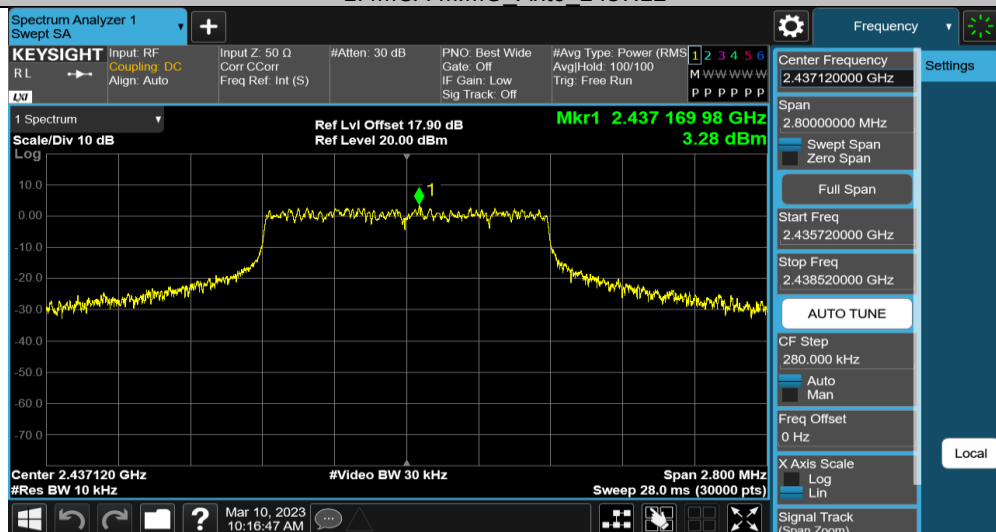
1.4MCA-MIMO Ant0 2405.12



1.4MCA-MIMO Ant3 2405.12



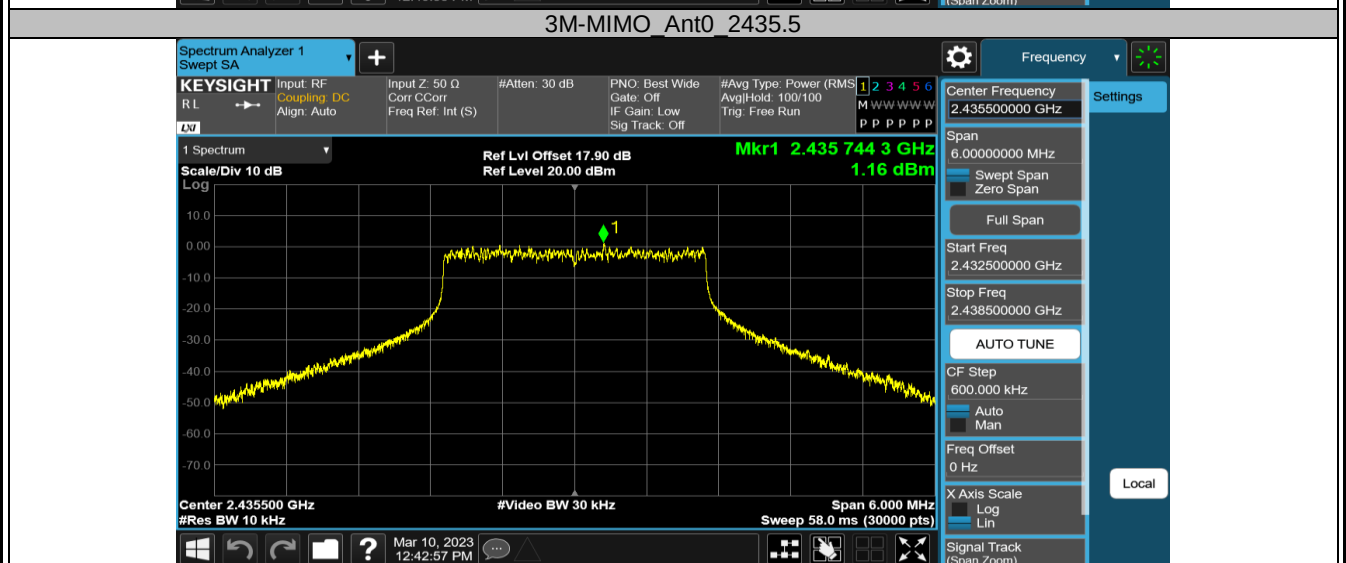
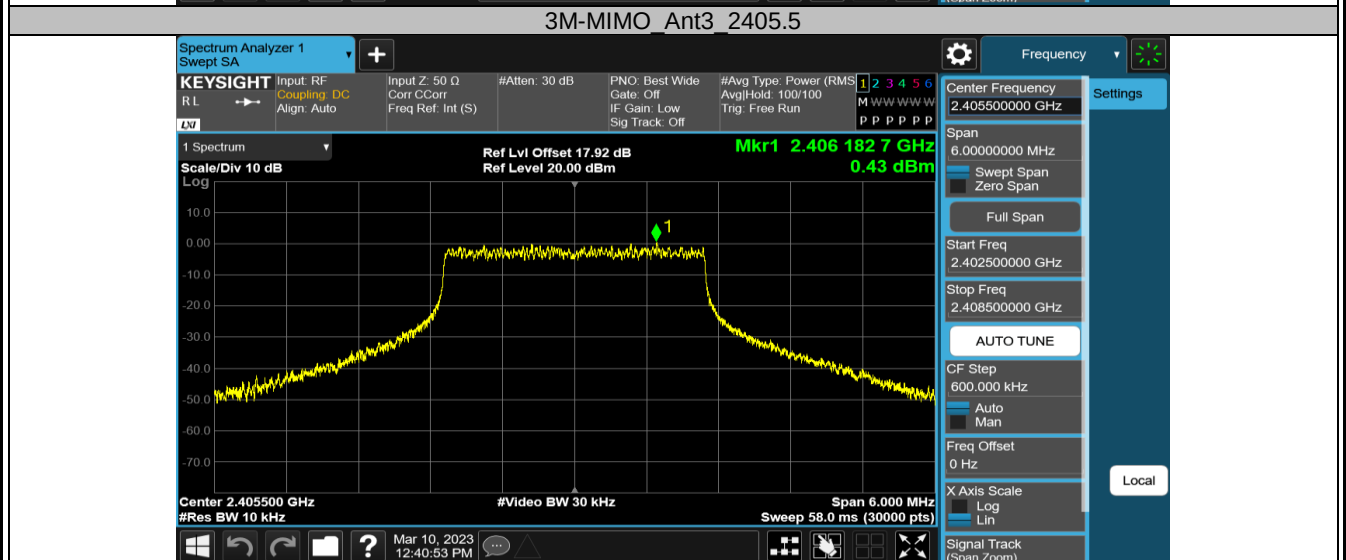
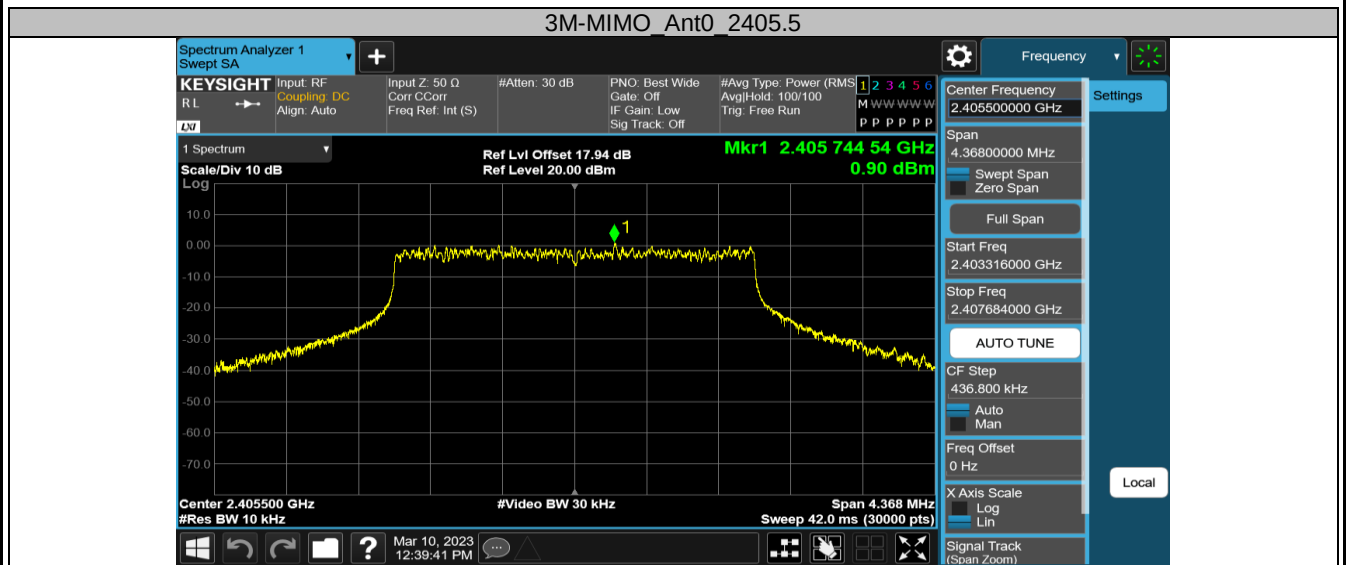
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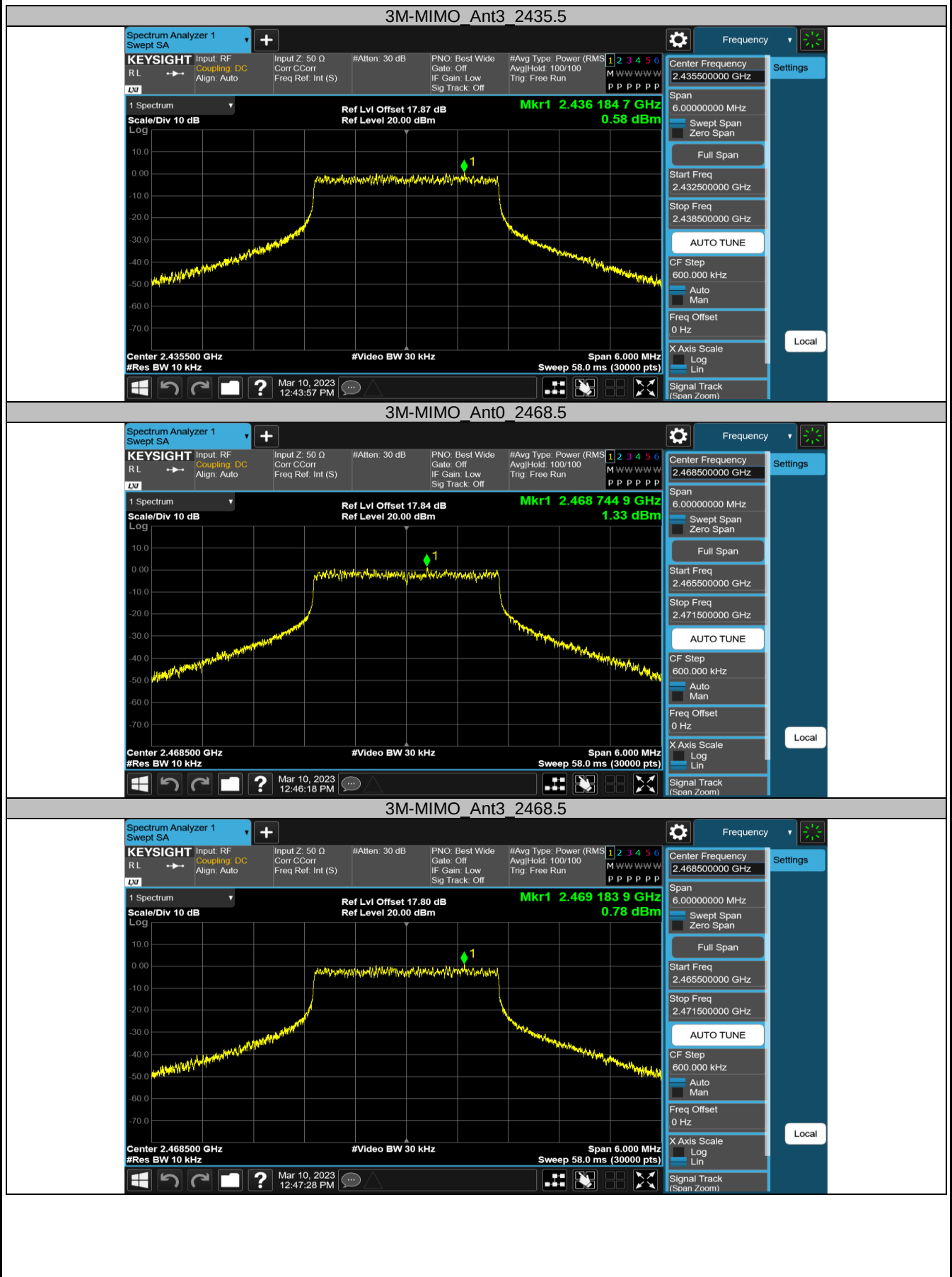




2.4GHz SDR, 3MHz BW

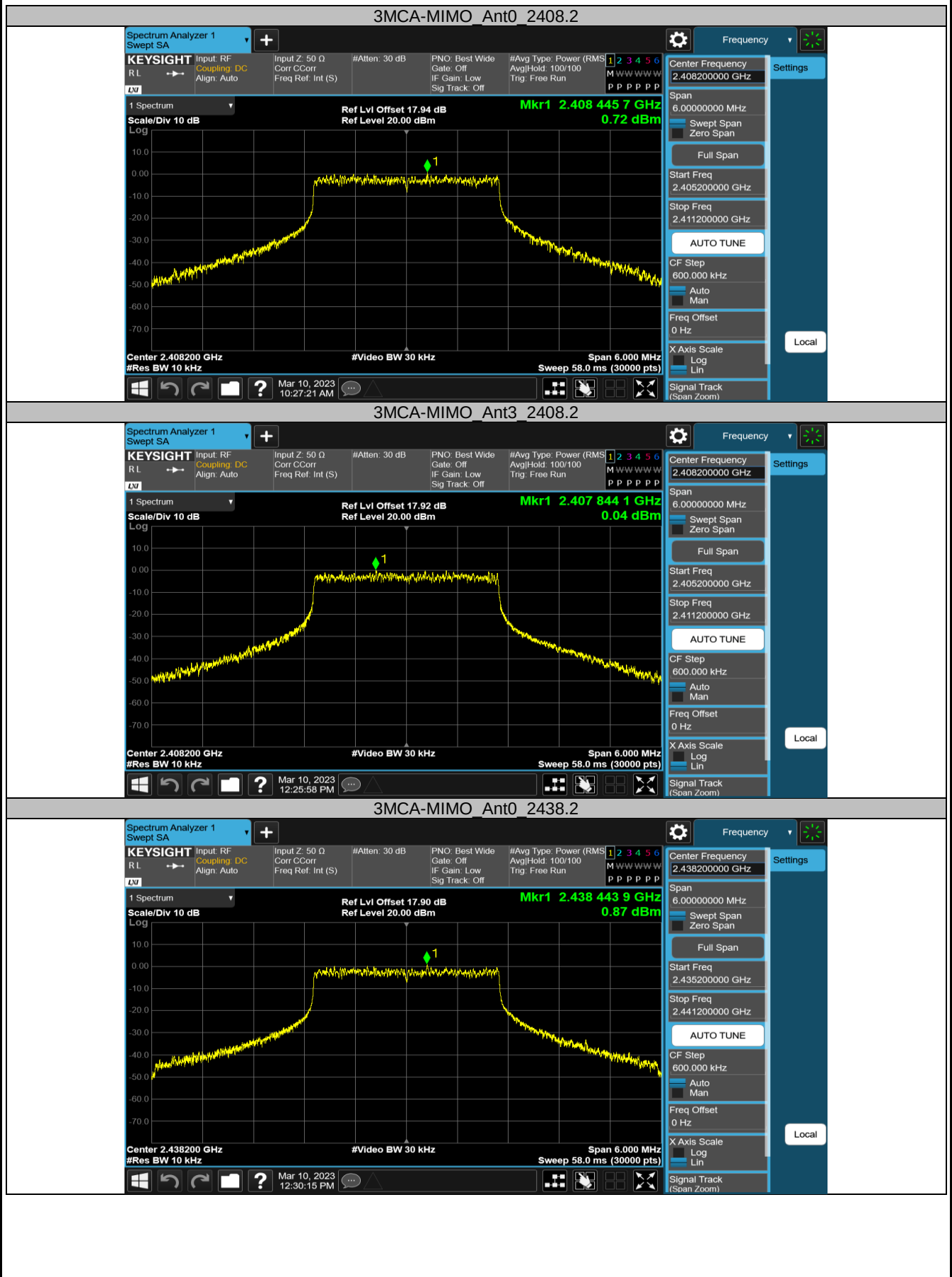
TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M-MIMO	2405.5	Ant0	0.90	≤8.00	PASS
		Ant3	0.43	≤8.00	PASS
		Total	3.68	≤8.00	PASS
	2435.5	Ant0	1.16	≤8.00	PASS
		Ant3	0.59	≤8.00	PASS
		Total	3.89	≤8.00	PASS
	2468.5	Ant0	1.33	≤8.00	PASS
		Ant3	0.78	≤8.00	PASS
		Total	4.07	≤8.00	PASS





2.4GHz SDR, 3MHz BW CA mode

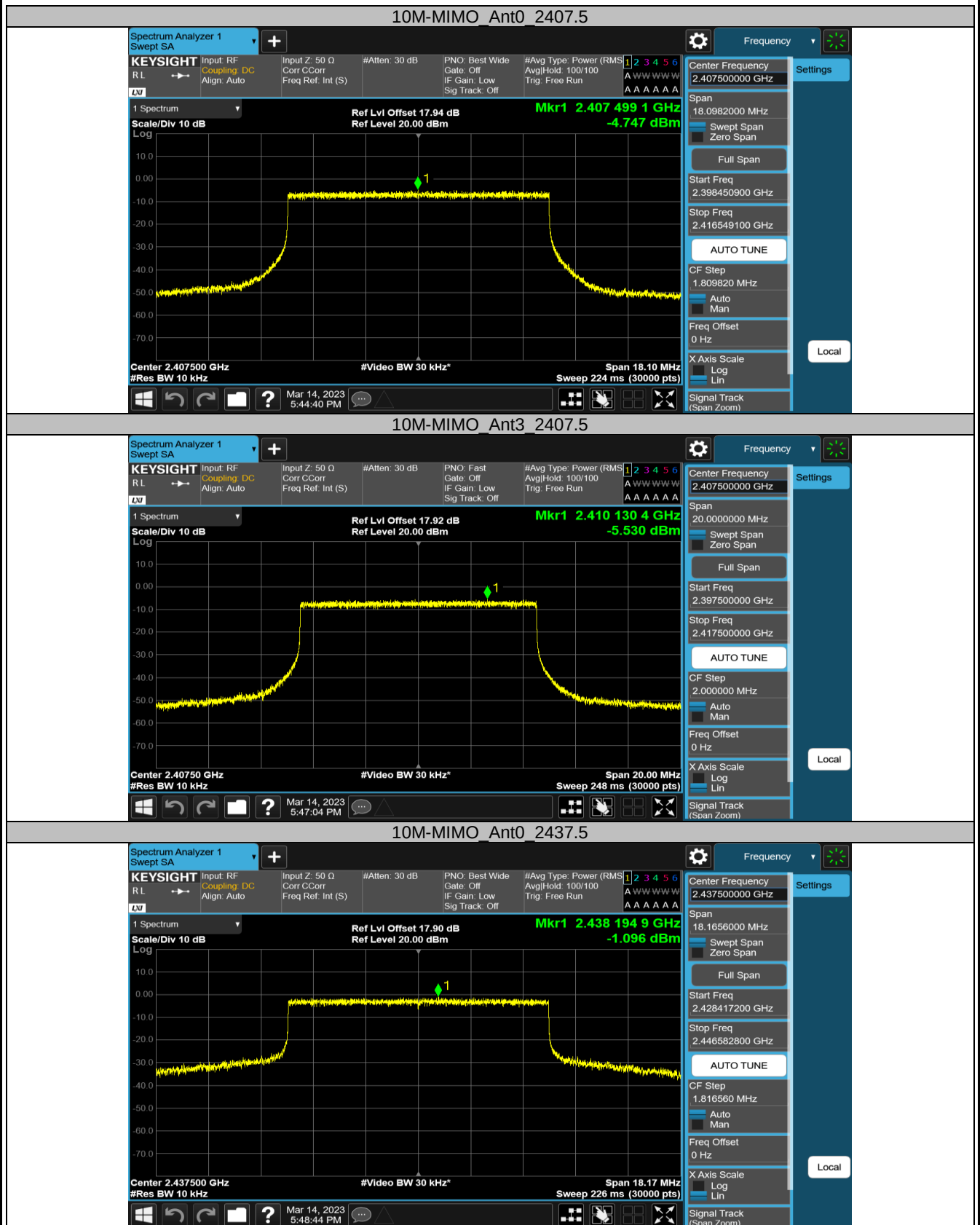
TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3MCA-MIMO	2408.2	Ant0	0.72	≤8.00	PASS
		Ant3	0.04	≤8.00	PASS
		Total	3.40	≤8.00	PASS
	2438.2	Ant0	0.87	≤8.00	PASS
		Ant3	0.37	≤8.00	PASS
		Total	3.64	≤8.00	PASS
	2471.2	Ant0	1.03	≤8.00	PASS
		Ant3	0.41	≤8.00	PASS
		Total	3.74	≤8.00	PASS





2.4GHz SDR, 10MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M-MIMO	2407.5	Ant0	-4.75	≤8.00	PASS
		Ant3	-5.53	≤8.00	PASS
		Total	-2.11	≤8.00	PASS
	2437.5	Ant0	-1.10	≤8.00	PASS
		Ant3	-2.79	≤8.00	PASS
		Total	1.15	≤8.00	PASS
	2467.5	Ant0	-6.28	≤8.00	PASS
		Ant3	-6.06	≤8.00	PASS
		Total	-3.16	≤8.00	PASS

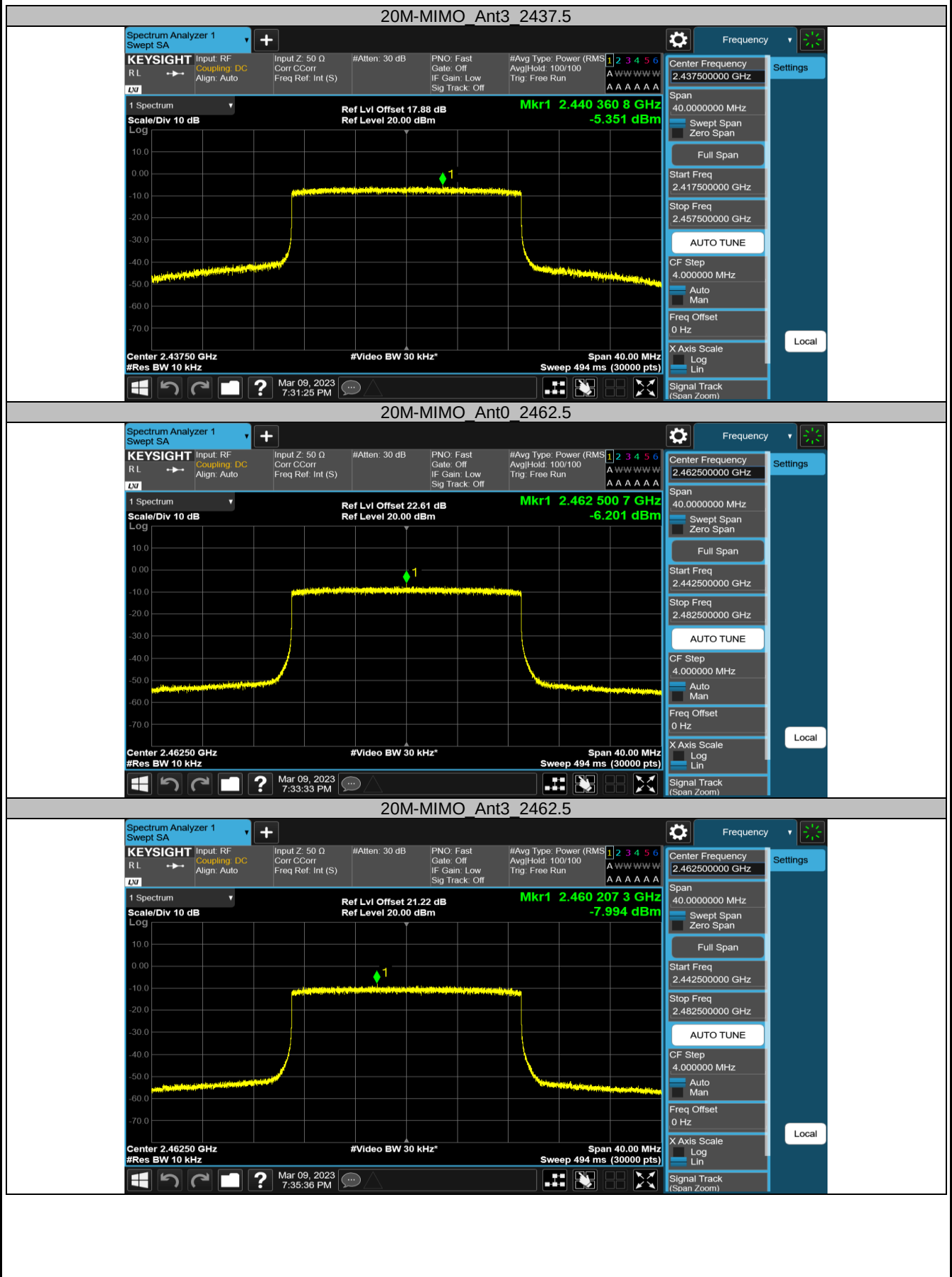




2.4GHz SDR, 20MHz BW

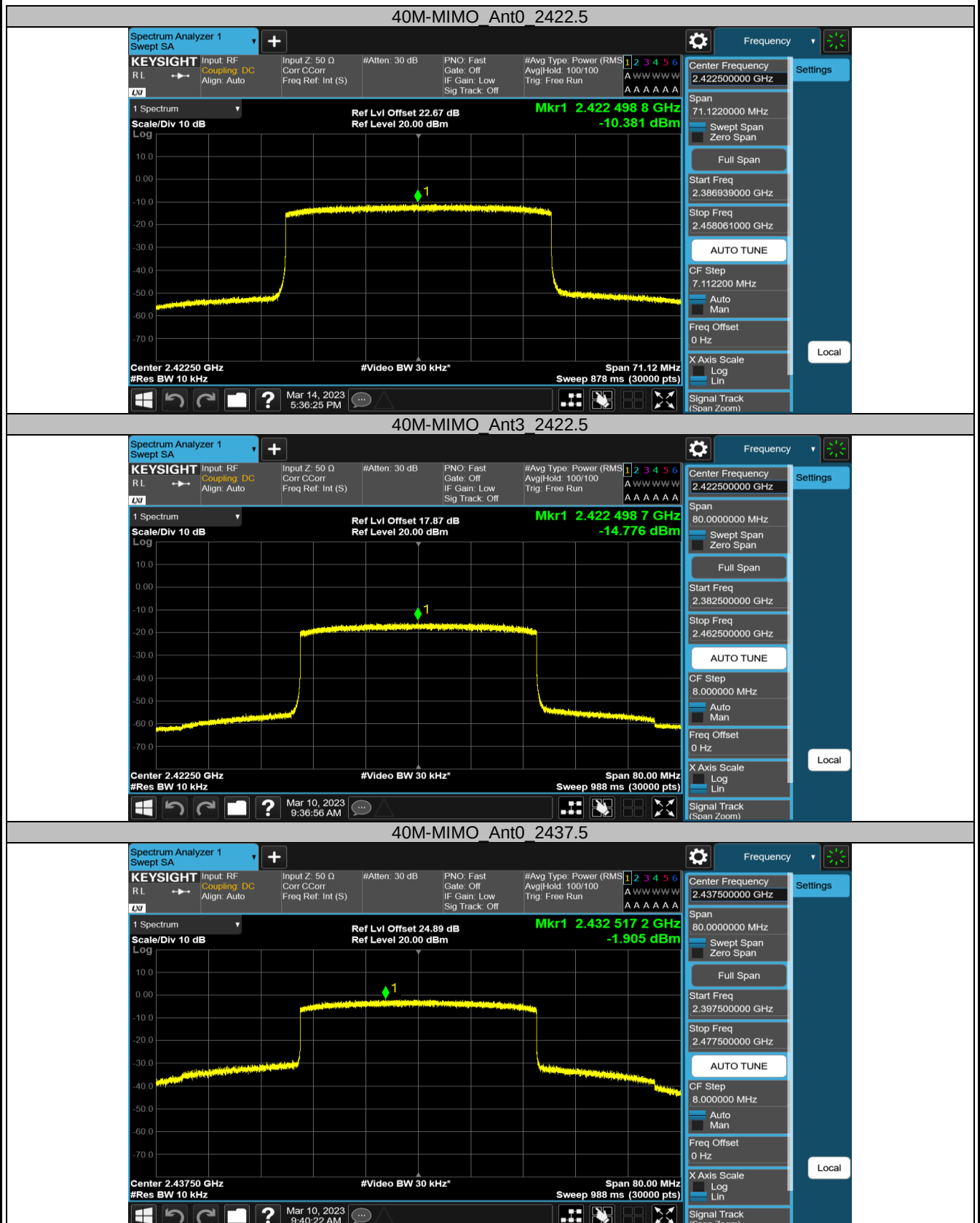
TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M-MIMO	2412.5	Ant0	-5.58	≤8.00	PASS
		Ant3	-5.59	≤8.00	PASS
		Total	-2.57	≤8.00	PASS
	2437.5	Ant0	-3.90	≤8.00	PASS
		Ant3	-5.35	≤8.00	PASS
		Total	-1.55	≤8.00	PASS
	2462.5	Ant0	-6.20	≤8.00	PASS
		Ant3	-7.99	≤8.00	PASS
		Total	-3.99	≤8.00	PASS





2.4GHz SDR, 40MHz BW

TestMode	Channel	Antenna	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
40M-MIMO	2422.5	Ant0	-10.38	≤8.00	PASS
		Ant3	-14.78	≤8.00	PASS
		Total	-9.03	≤8.00	PASS
	2437.5	Ant0	-1.91	≤8.00	PASS
		Ant3	-6.11	≤8.00	PASS
		Total	-0.51	≤8.00	PASS
	2452.5	Ant0	-17.03	≤8.00	PASS
		Ant3	-14.76	≤8.00	PASS
		Total	-12.74	≤8.00	PASS





Appendix A.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	Ant0	2403.5	1.075	2402.968	2404.043	0.5	PASS
		2435.5	1.072	2434.965	2436.038	0.5	PASS
		2469.5	1.075	2468.971	2470.046	0.5	PASS

1.4M-MIMO Ant0 2403.5



1.4M-MIMO Ant0 2435.5



1.4M-MIMO Ant0 2469.5

