

Appendix B: Test Results of 2.4GHz SDR

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

2.4GHz SDR, 1.4MHz BW

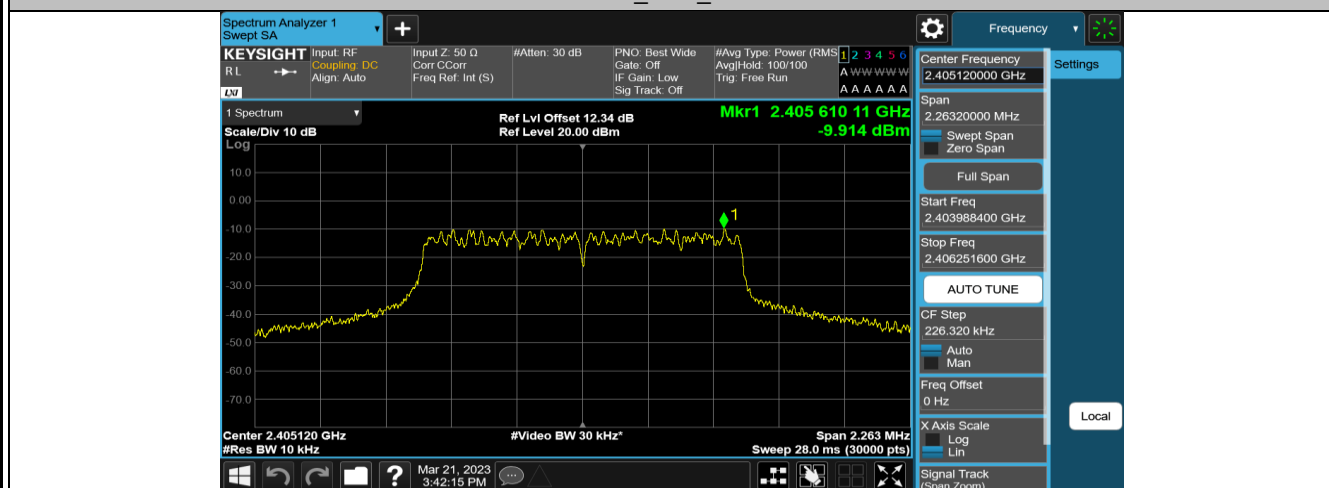
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4M	Ant1	2403.5	-10.43	≤8.00	PASS
		2435.5	-10.34	≤8.00	PASS
		2465.5	-10.84	≤8.00	PASS



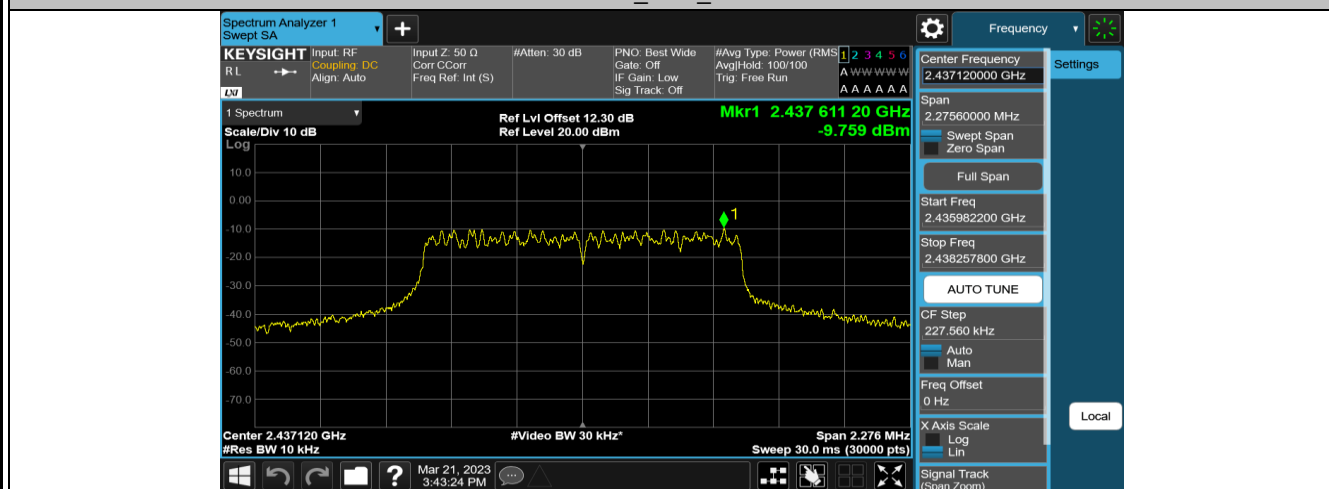
2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
1.4MCA	Ant1	2405.12	-9.91	≤8.00	PASS
		2437.12	-9.76	≤8.00	PASS
		2471.12	-10.37	≤8.00	PASS

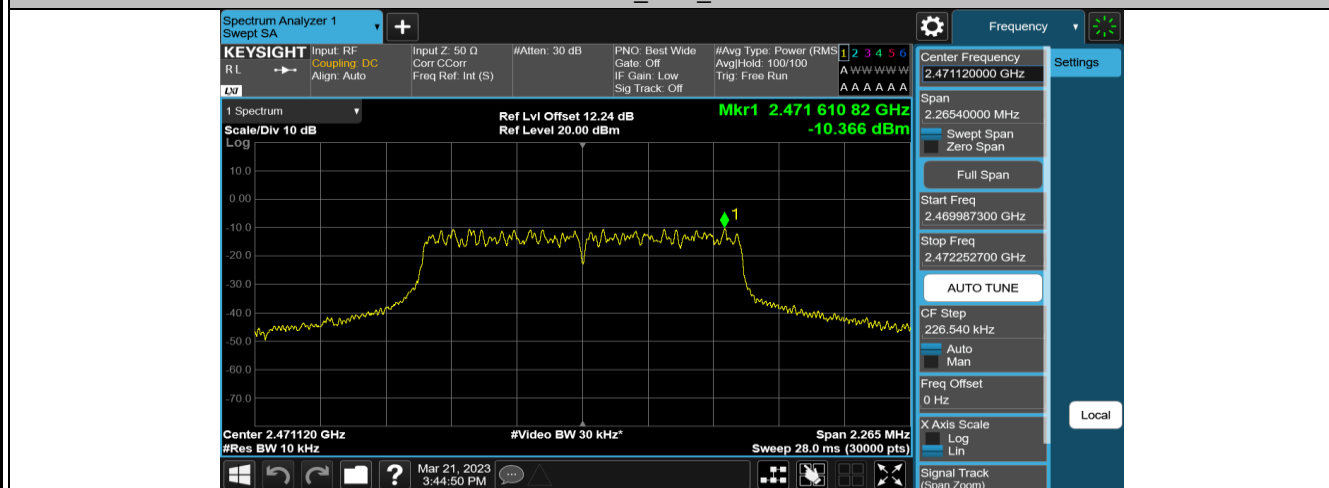
1.4MCA_Ant1_2405.12



1.4MCA_Ant1_2437.12

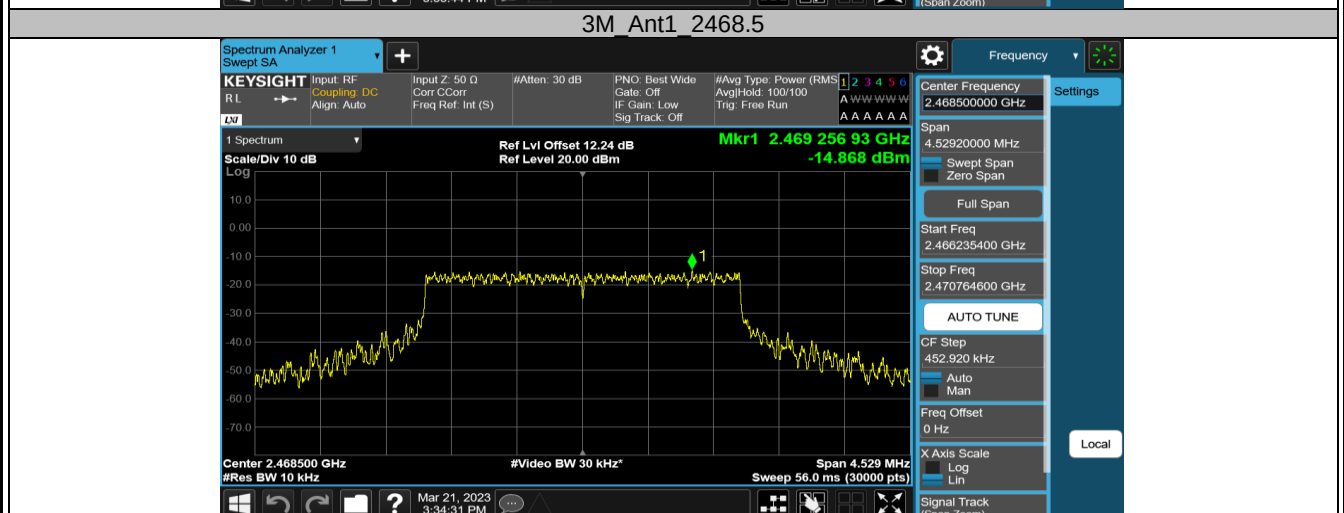
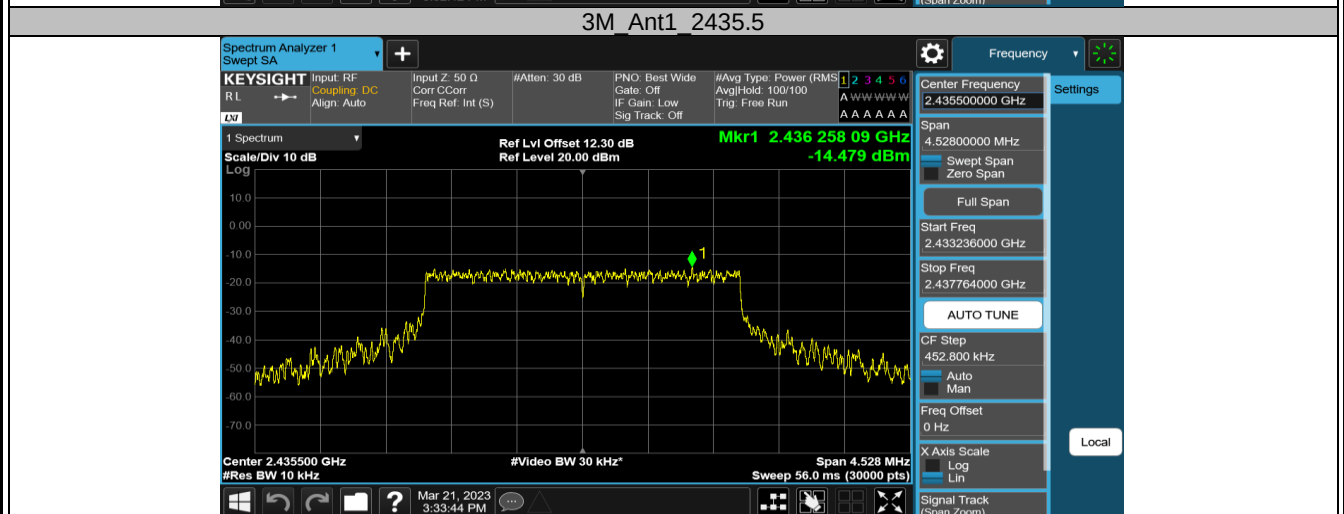
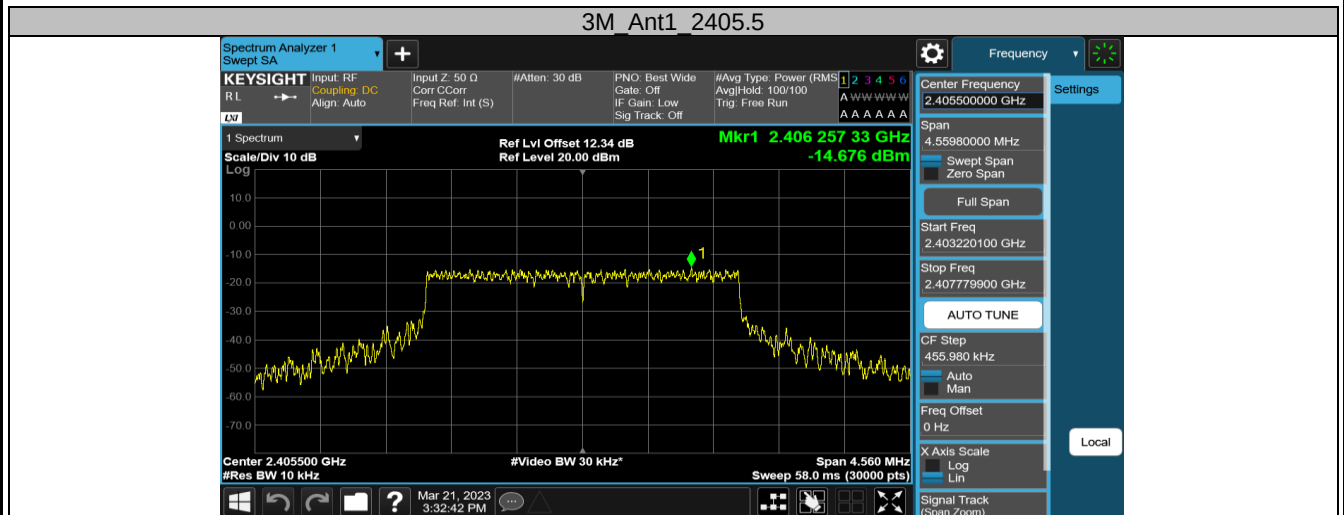


1.4MCA_Ant1_2471.12



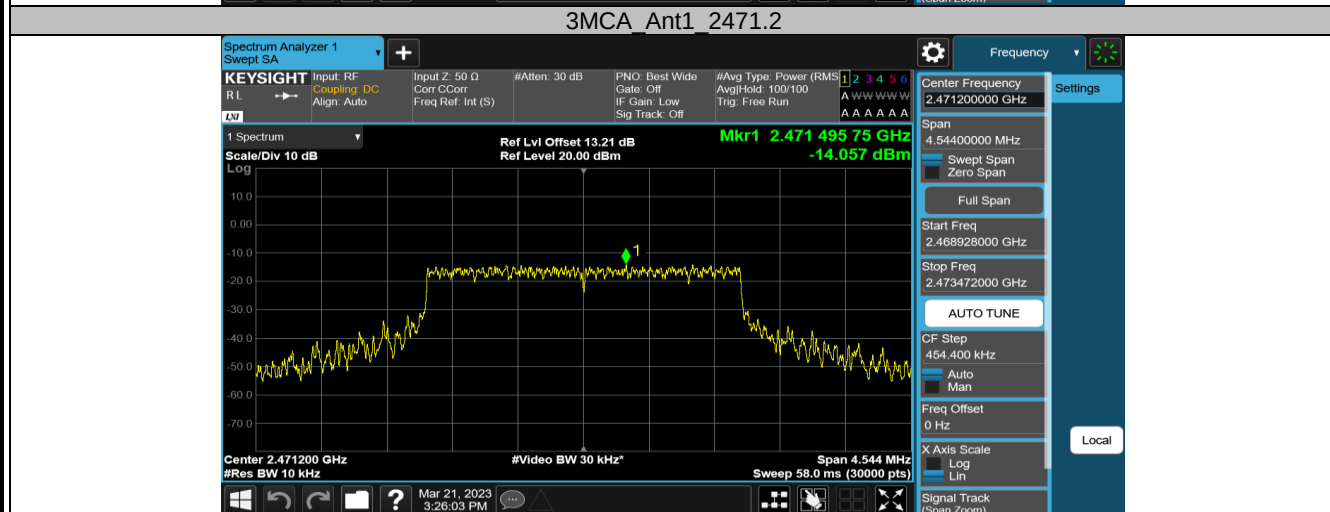
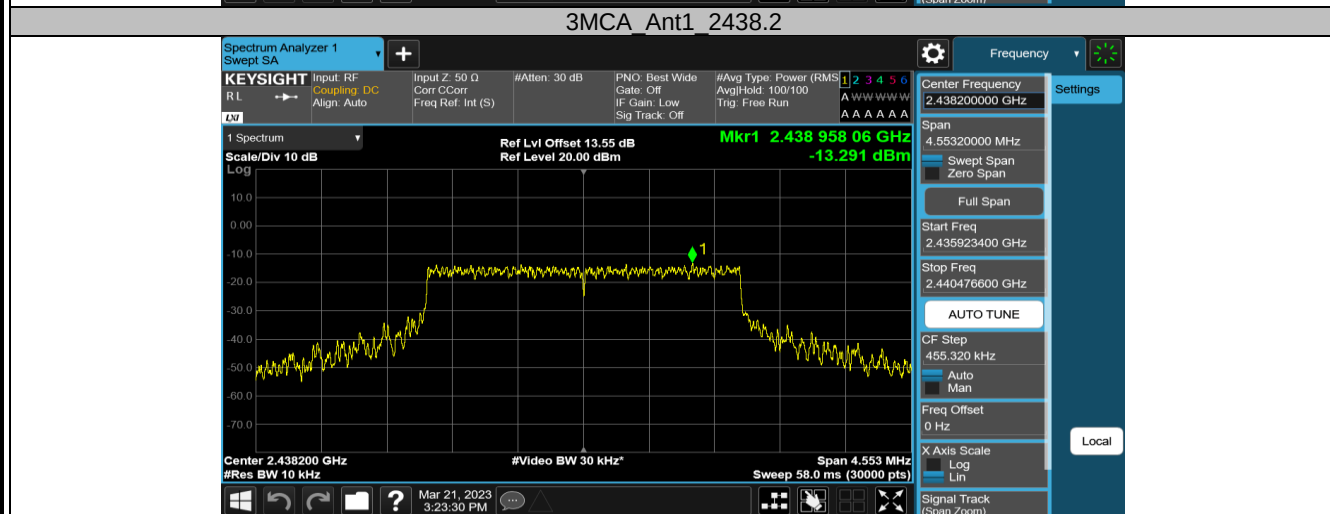
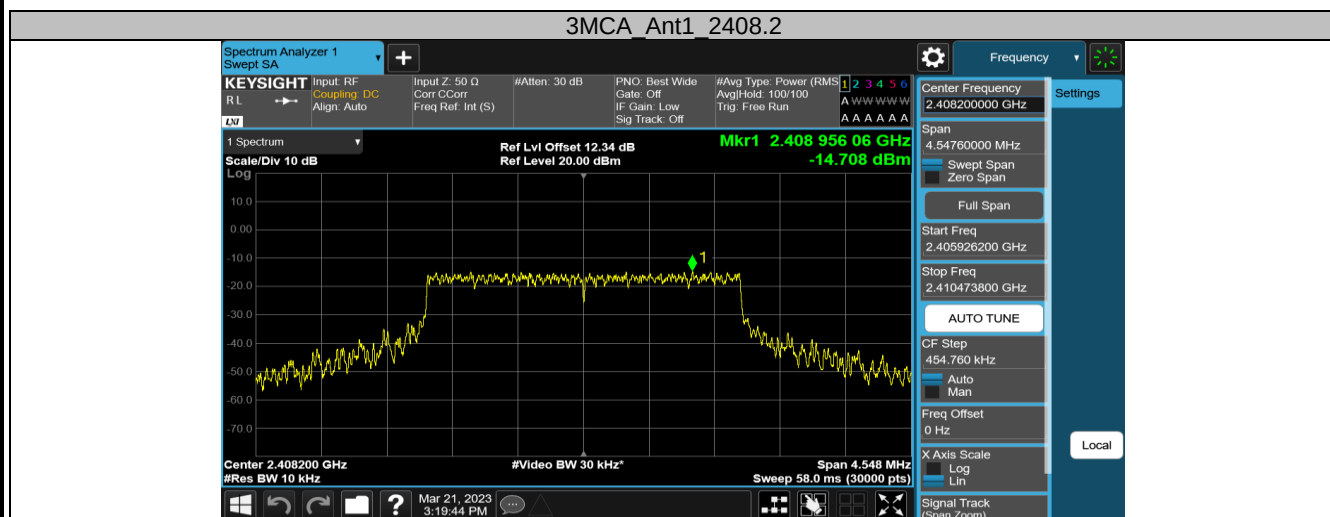
2.4GHz SDR, 3MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3M	Ant1	2405.5	-14.68	≤8.00	PASS
		2435.5	-14.48	≤8.00	PASS
		2468.5	-14.87	≤8.00	PASS



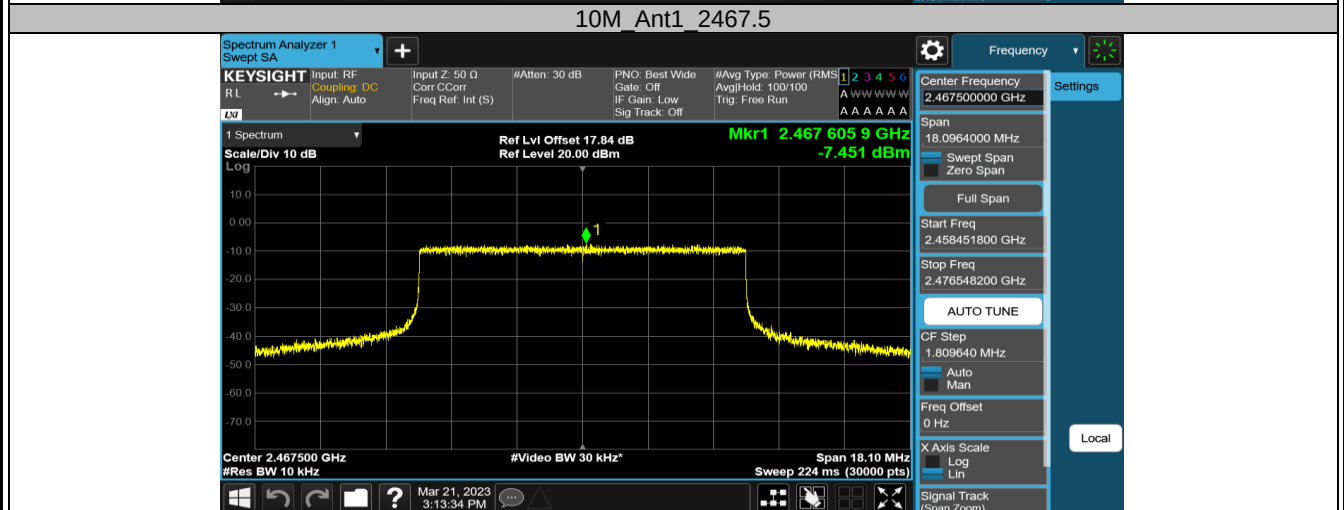
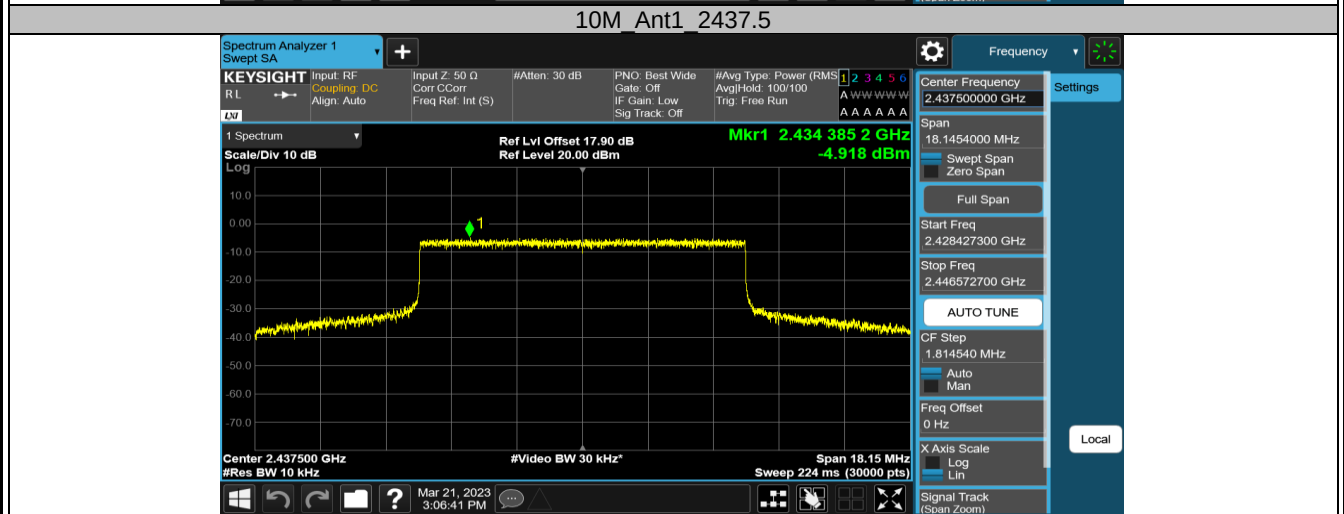
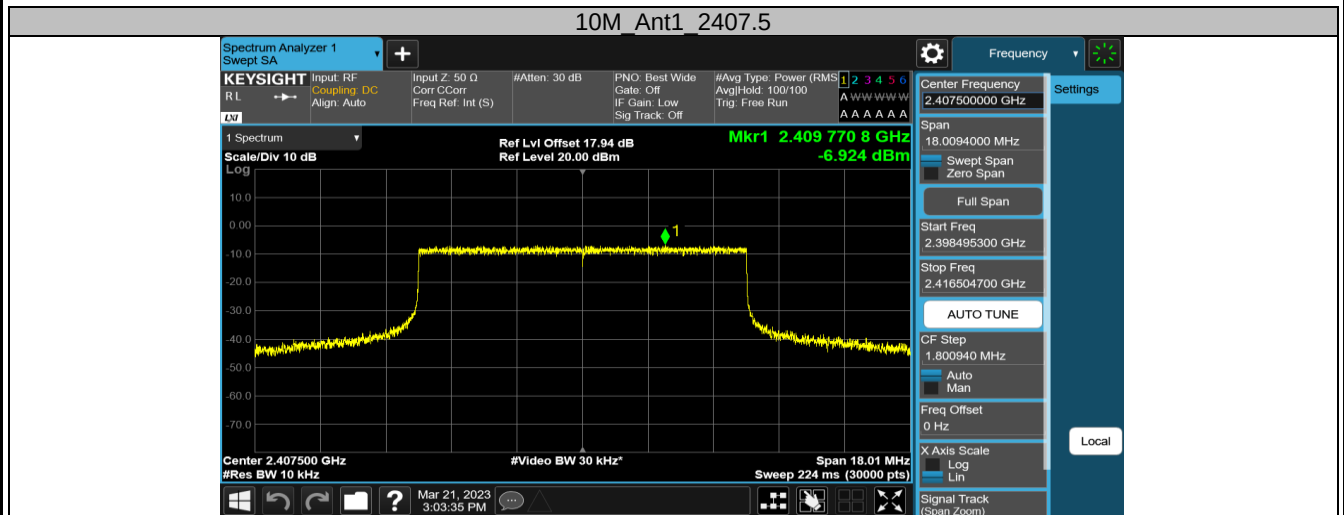
2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
3MCA	Ant1	2408.2	-14.71	≤8.00	PASS
		2438.2	-13.29	≤8.00	PASS
		2471.2	-14.06	≤8.00	PASS



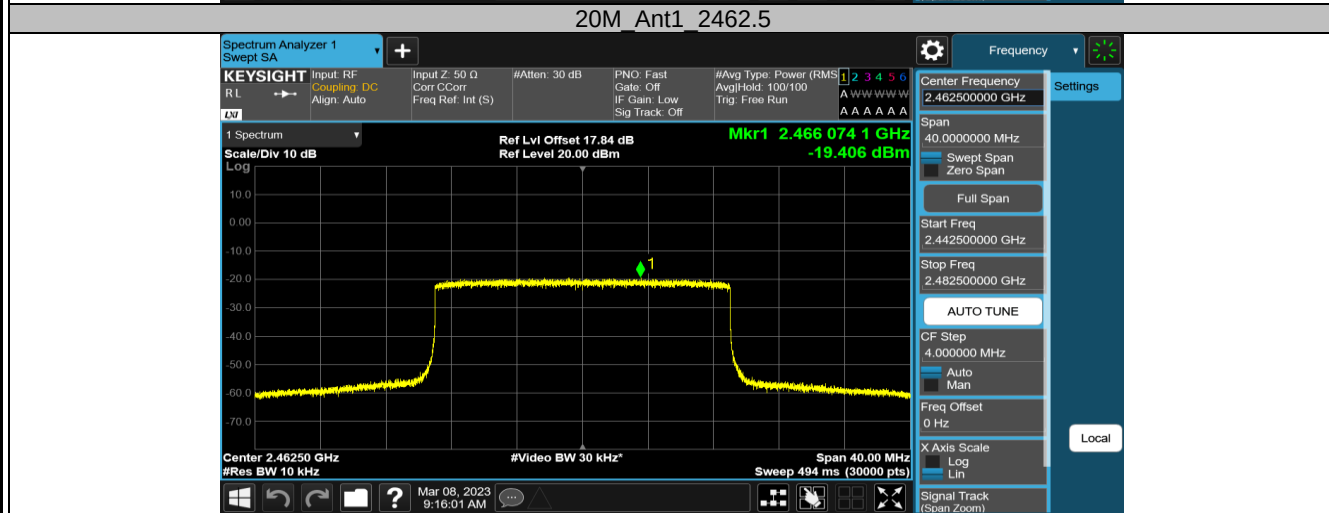
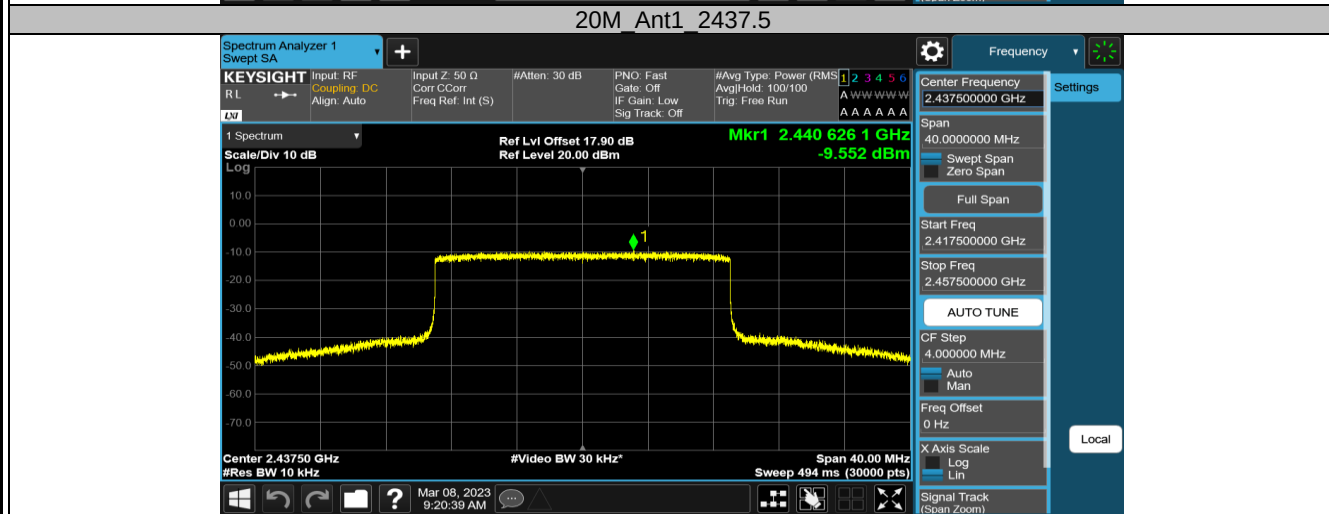
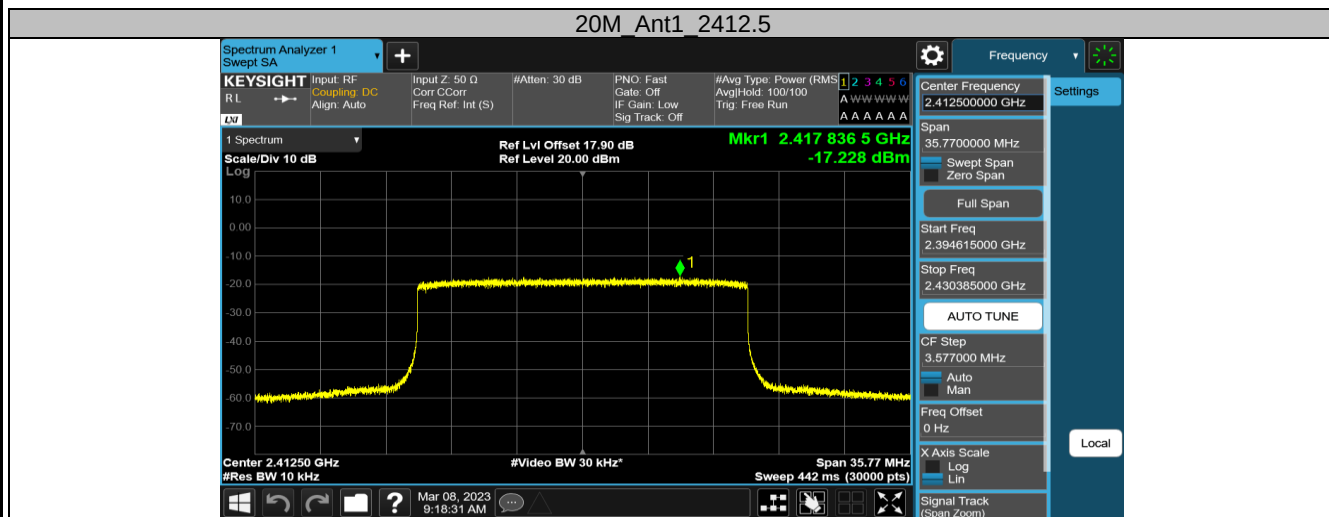
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
10M	Ant1	2407.5	-6.92	≤8.00	PASS
		2437.5	-4.92	≤8.00	PASS
		2467.5	-7.45	≤8.00	PASS



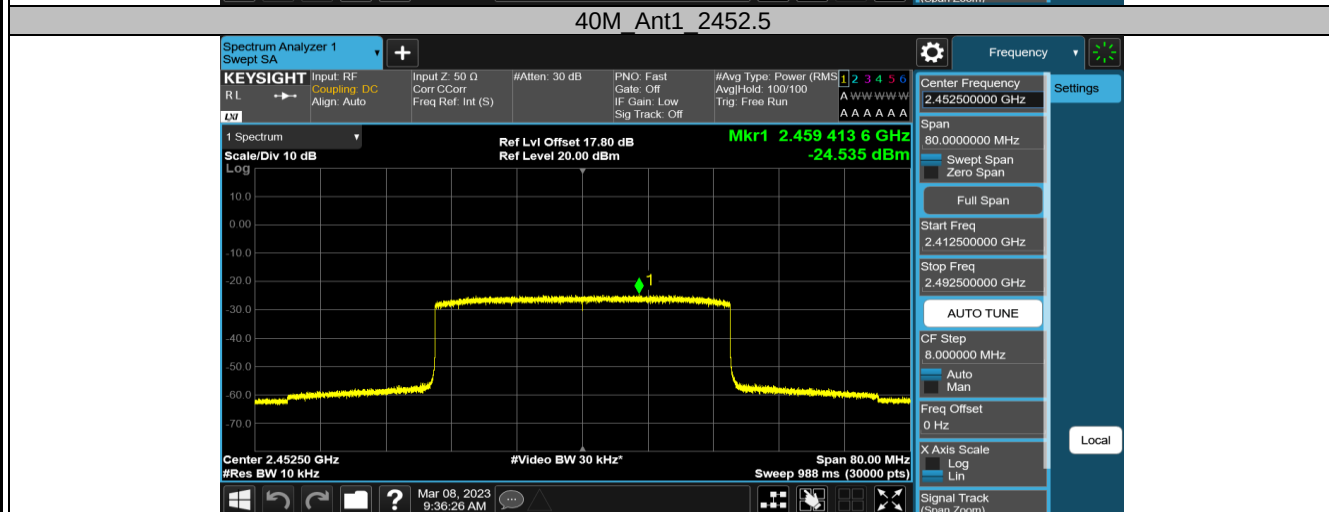
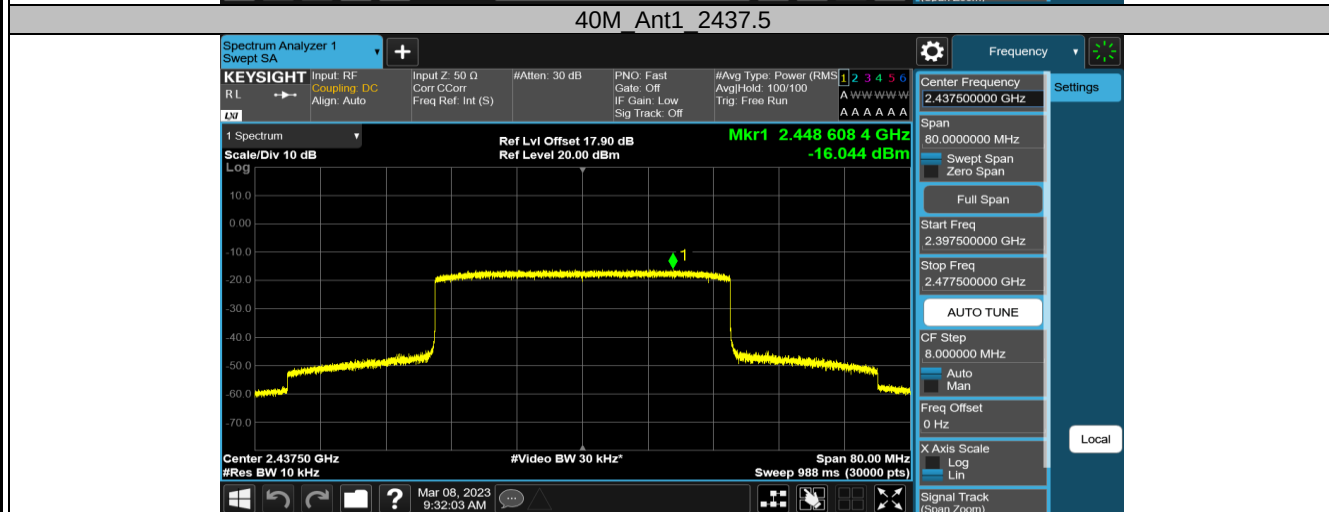
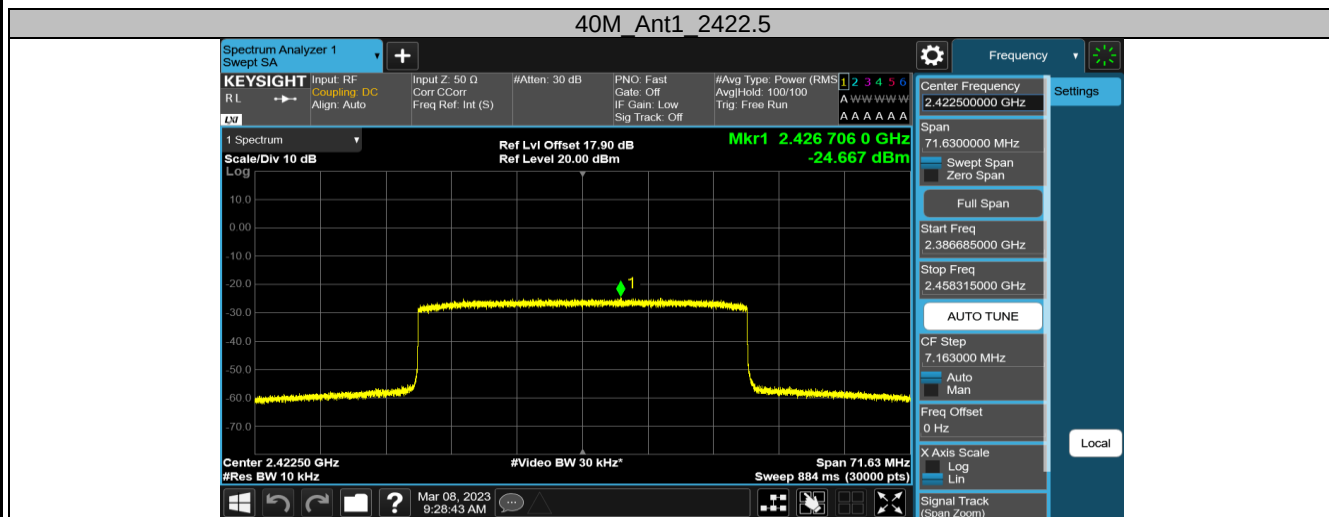
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
20M	Ant1	2412.5	-17.23	≤8.00	PASS
		2437.5	-9.55	≤8.00	PASS
		2462.5	-19.41	≤8.00	PASS



2.4GHz SDR, 40MHz BW

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
40M	Ant1	2422.5	-24.67	≤8.00	PASS
		2437.5	-16.04	≤8.00	PASS
		2452.5	-24.54	≤8.00	PASS

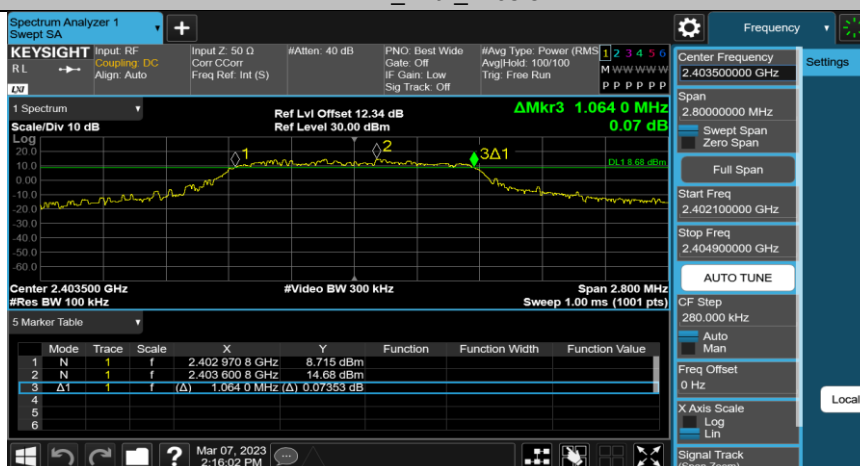


Appendix B.2: Test Results of 6dB Bandwidth

2.4GHz SDR, 1.4MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4M	Ant1	2403.5	1.064	2402.971	2404.035	0.5	PASS
		2435.5	1.075	2434.960	2436.035	0.5	PASS
		2465.5	1.072	2464.957	2466.029	0.5	PASS

1.4M_Ant1_2403.5



1.4M_Ant1_2435.5

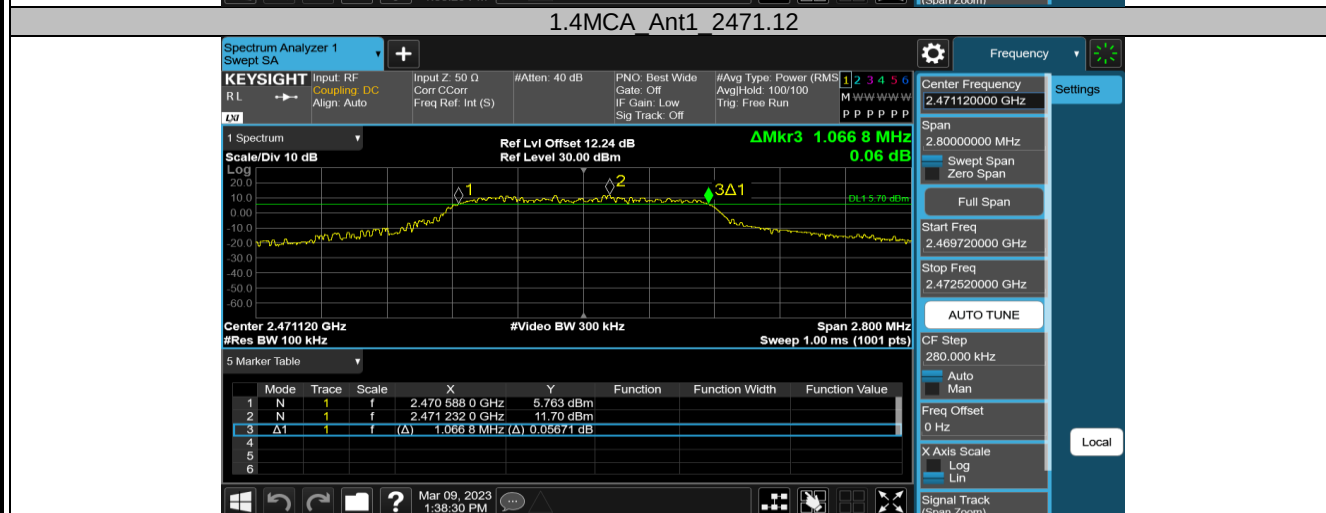
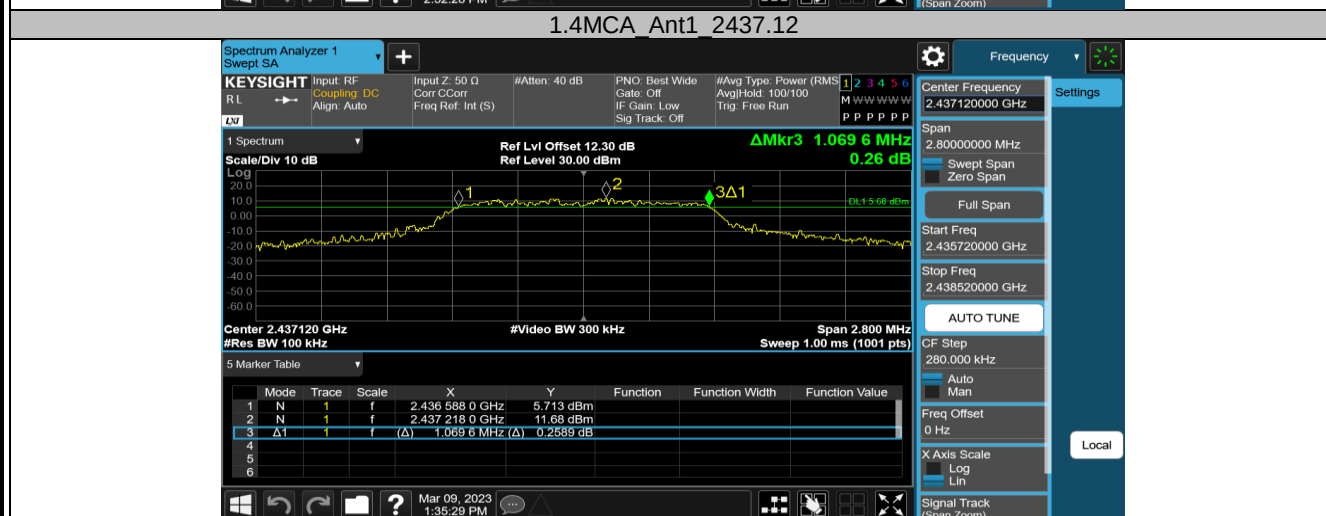
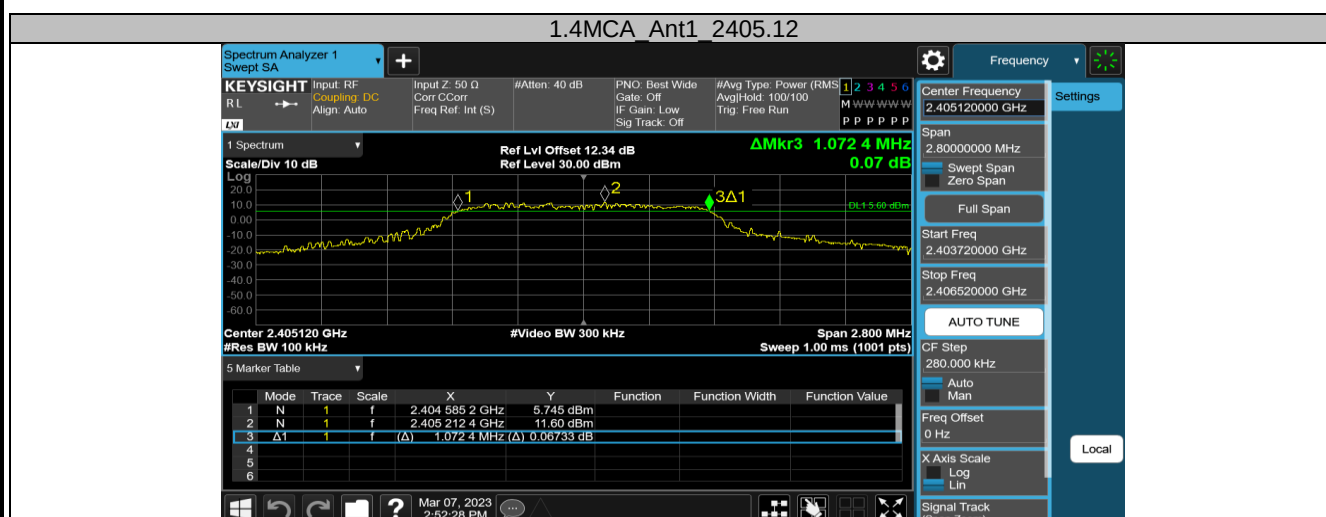


1.4M_Ant1_2465.5

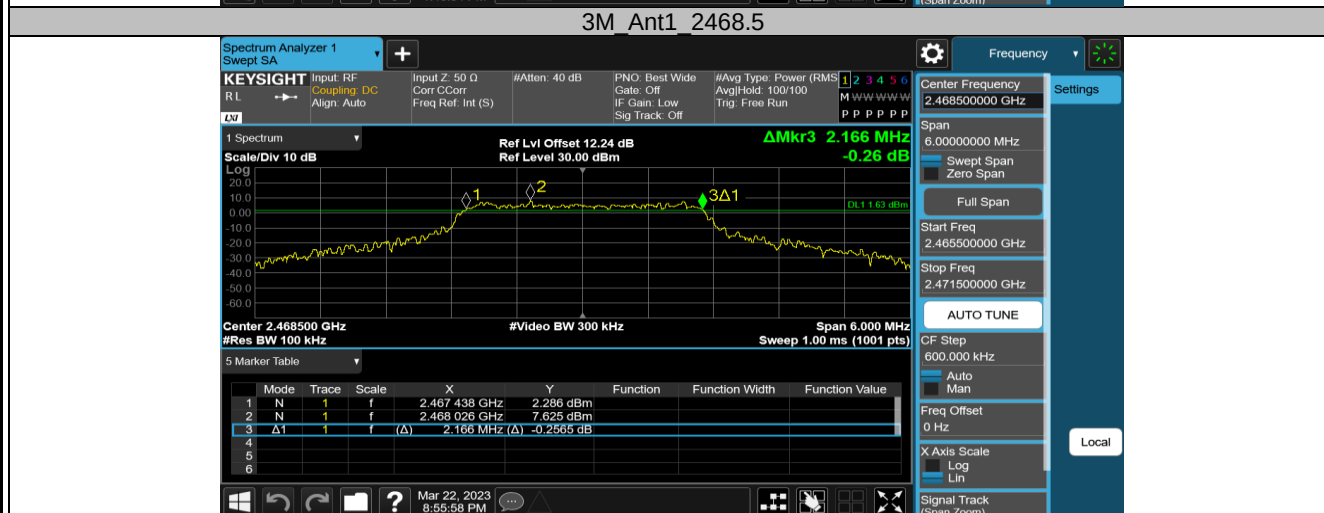
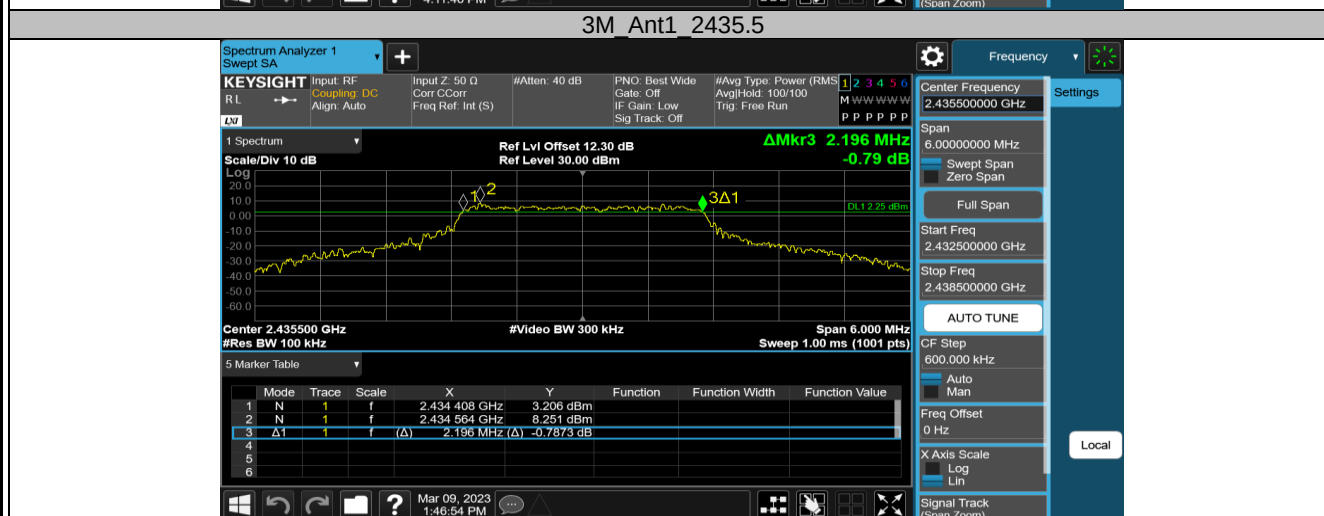
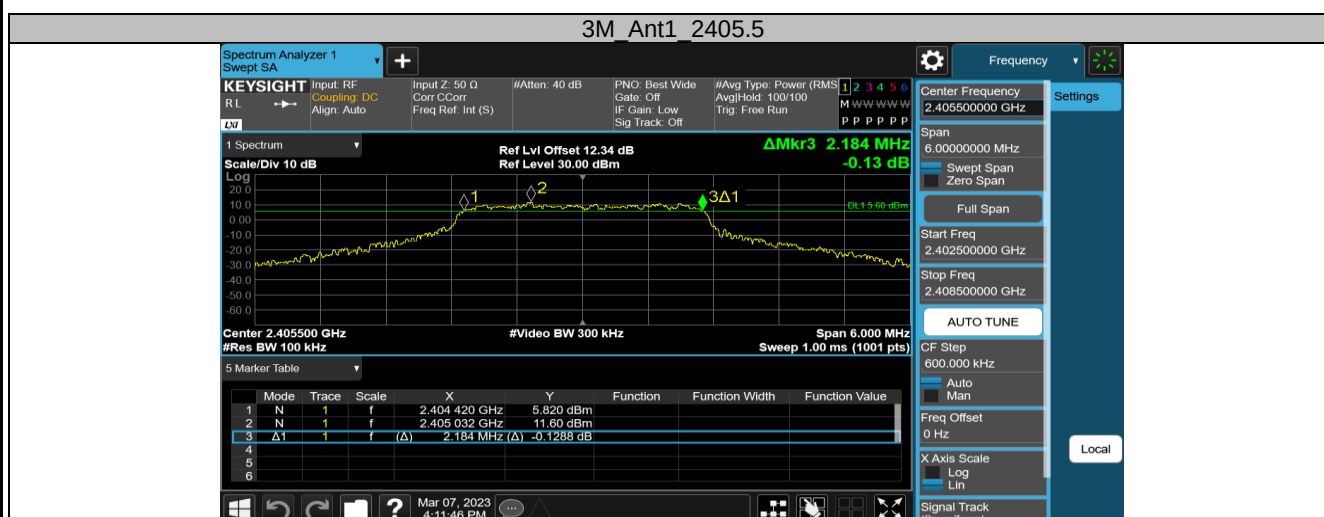


2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant1	2405.12	1.072	2404.585	2405.658	0.5	PASS
		2437.12	1.070	2436.588	2437.658	0.5	PASS
		2471.12	1.067	2470.588	2471.655	0.5	PASS

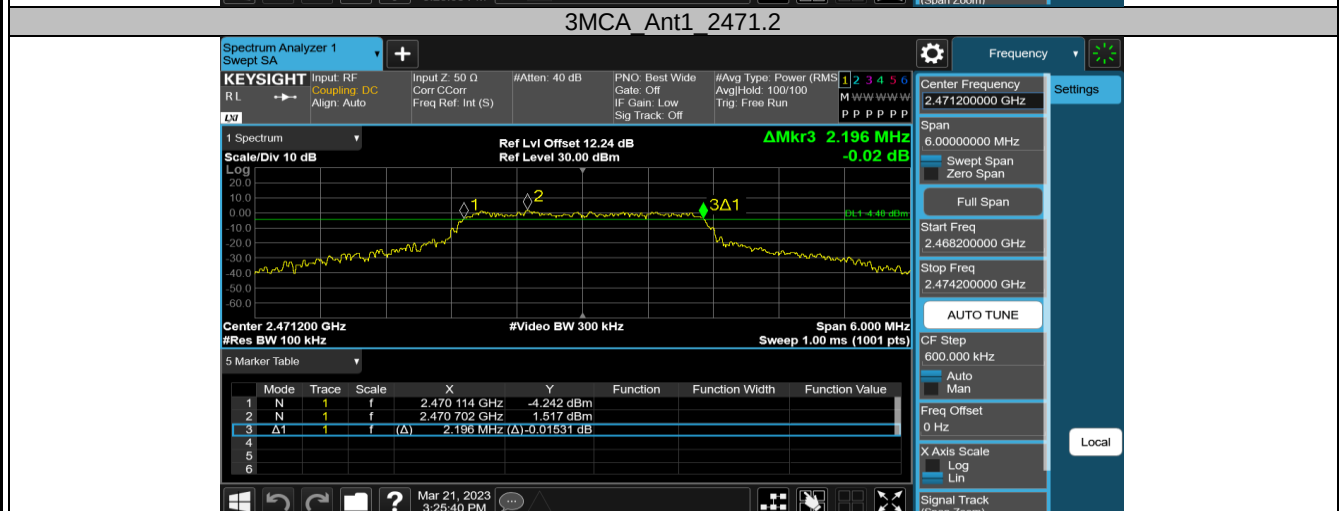
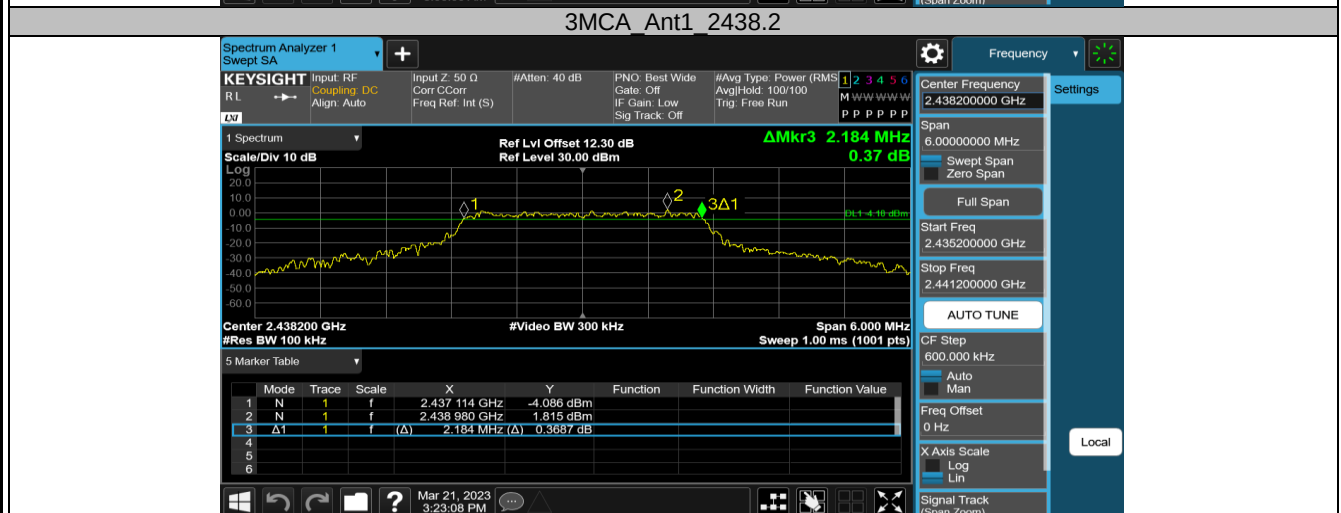
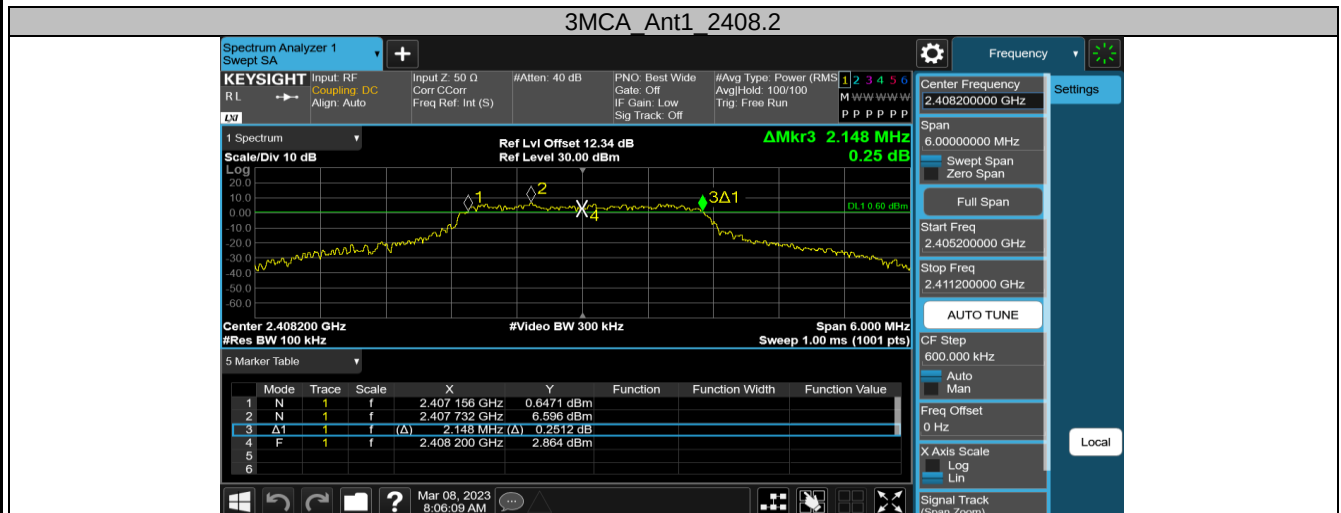


TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3M	Ant1	2405.5	2.184	2404.420	2406.604	0.5	PASS
		2435.5	2.196	2434.408	2436.604	0.5	PASS
		2468.5	2.166	2467.438	2469.604	0.5	PASS



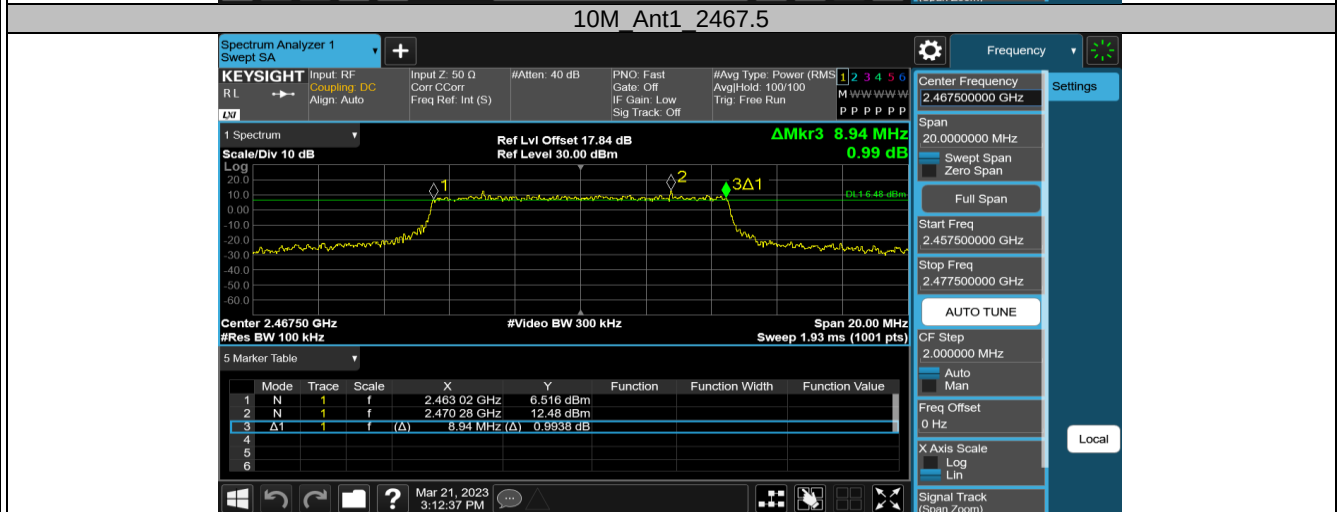
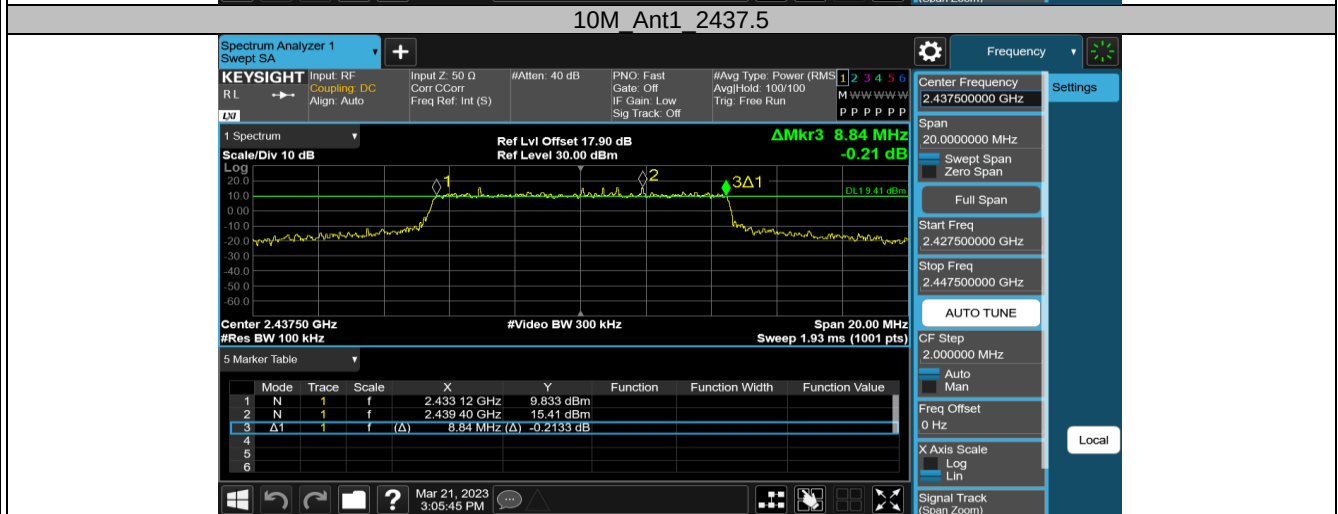
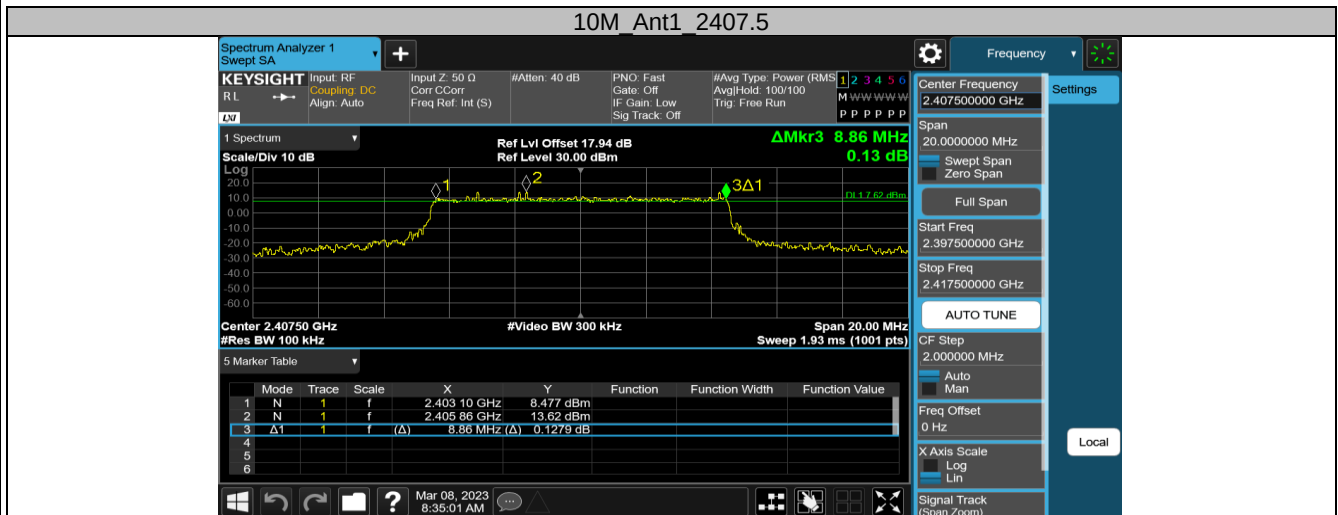
2.4GHz SDR, 3MHz BW CA mode

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
3MCA	Ant1	2408.2	2.148	2407.156	2409.304	0.5	PASS
		2438.2	2.184	2437.114	2439.298	0.5	PASS
		2471.2	2.196	2470.114	2472.310	0.5	PASS



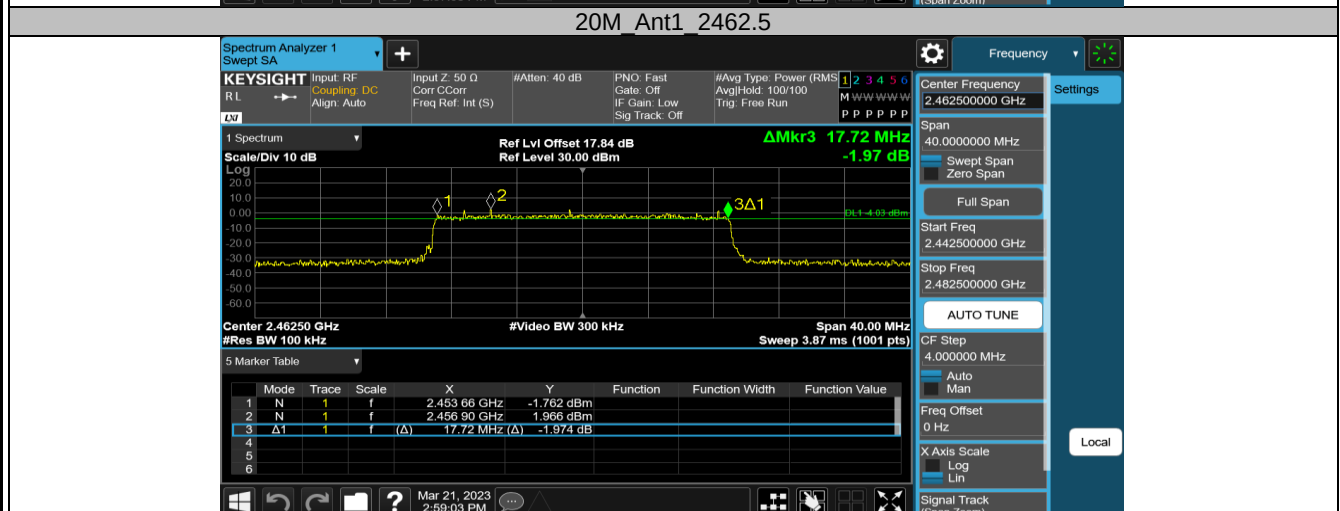
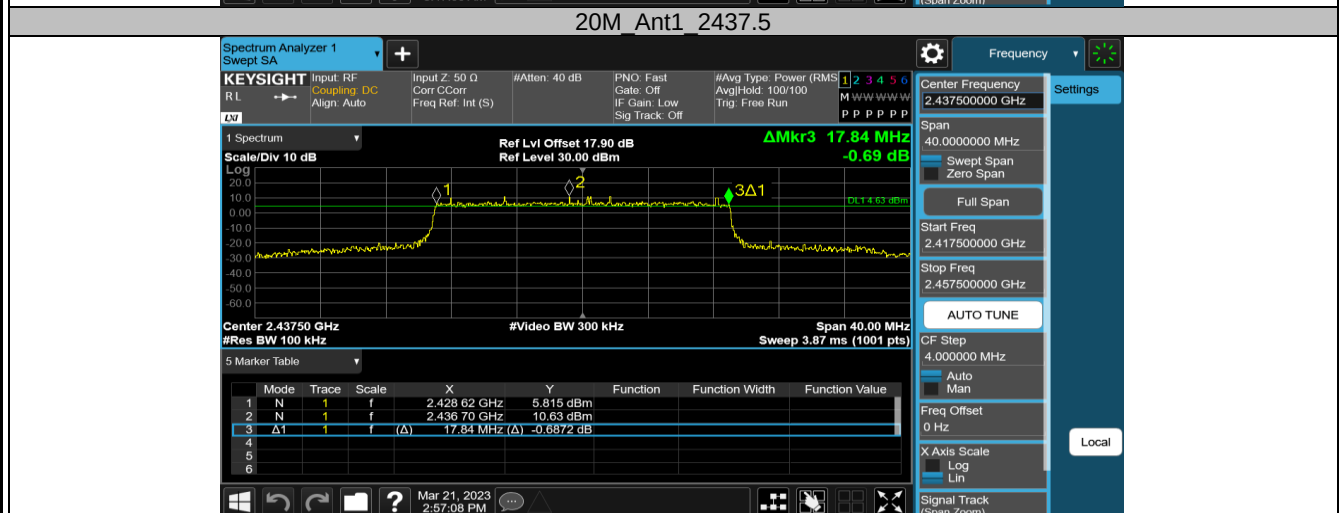
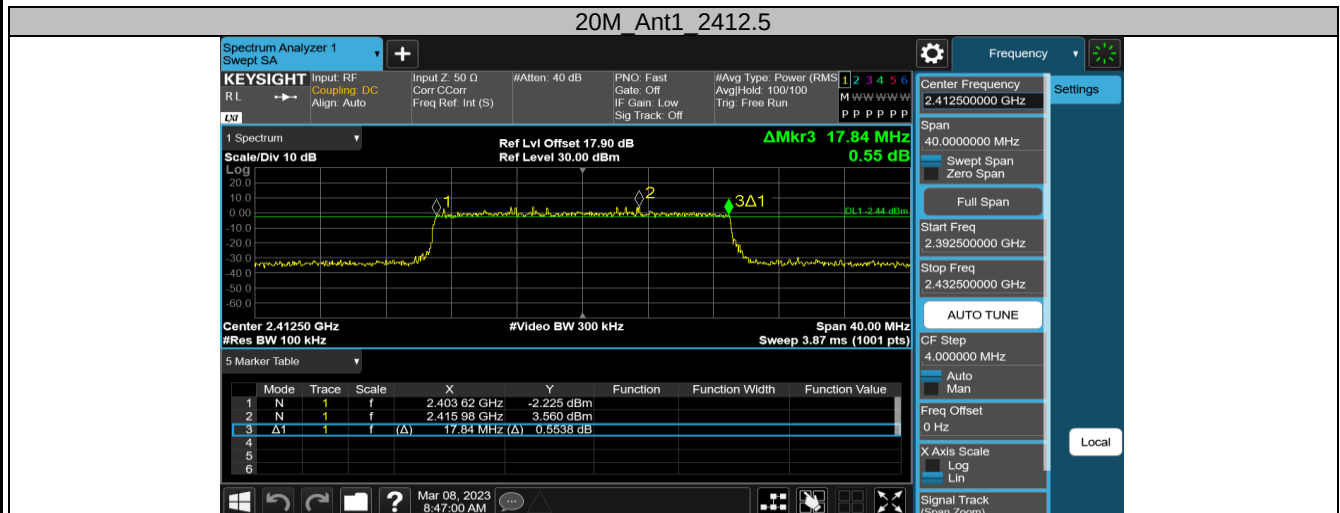
2.4GHz SDR, 10MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
10M	Ant1	2407.5	8.860	2403.100	2411.960	0.5	PASS
		2437.5	8.840	2433.120	2441.960	0.5	PASS
		2467.5	8.940	2463.020	2471.960	0.5	PASS



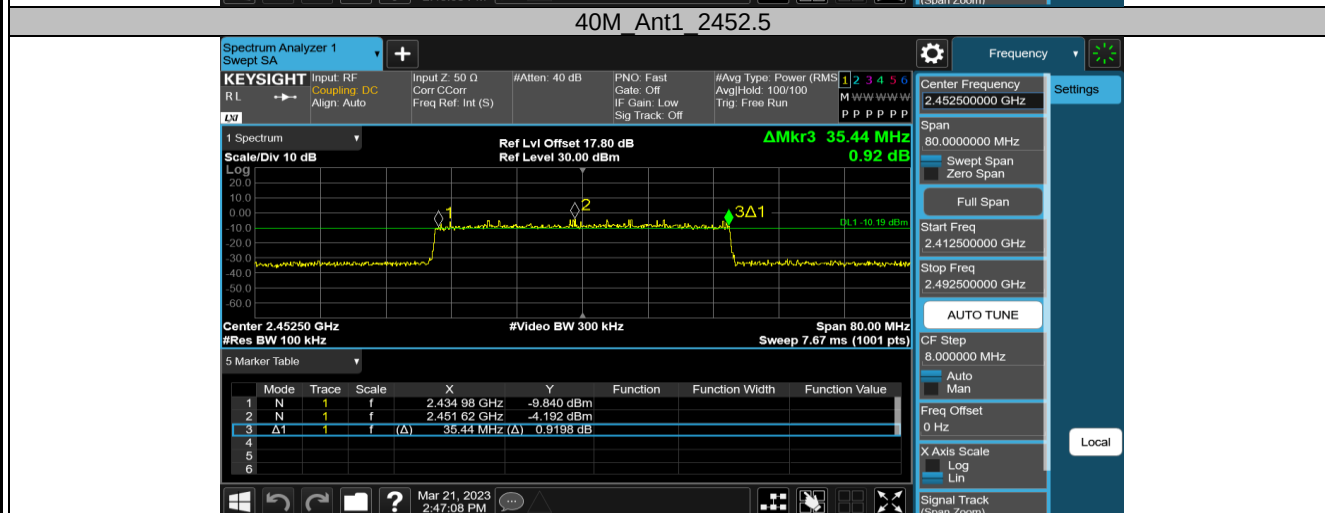
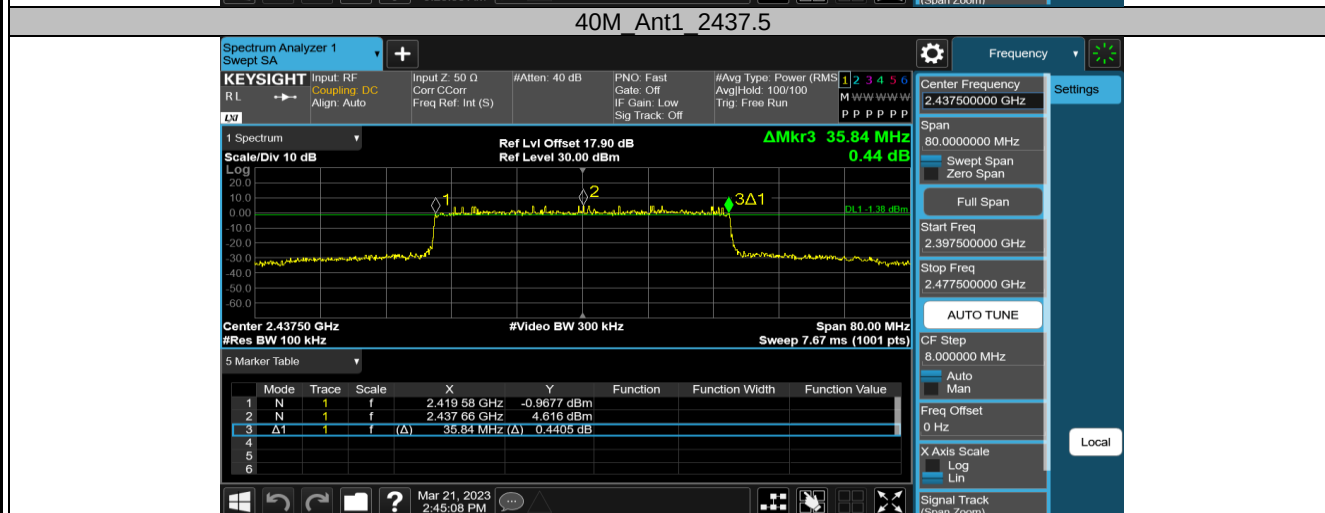
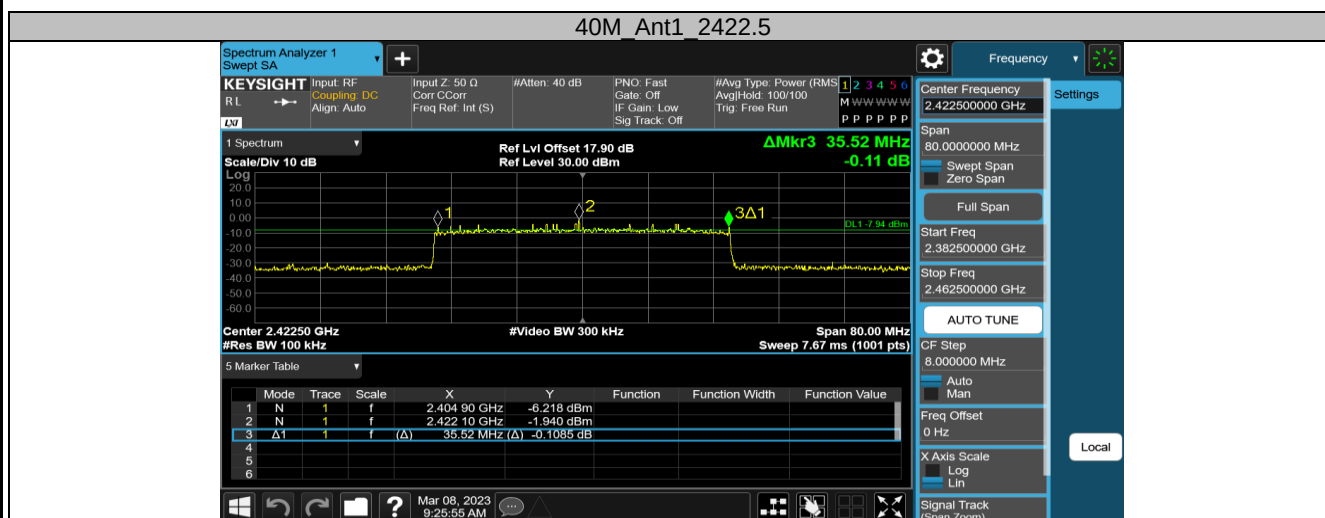
2.4GHz SDR, 20MHz BW

TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
20M	Ant1	2412.5	17.840	2403.620	2421.460	0.5	PASS
		2437.5	17.840	2428.620	2446.460	0.5	PASS
		2462.5	17.720	2453.660	2471.380	0.5	PASS



2.4GHz SDR, 40MHz BW

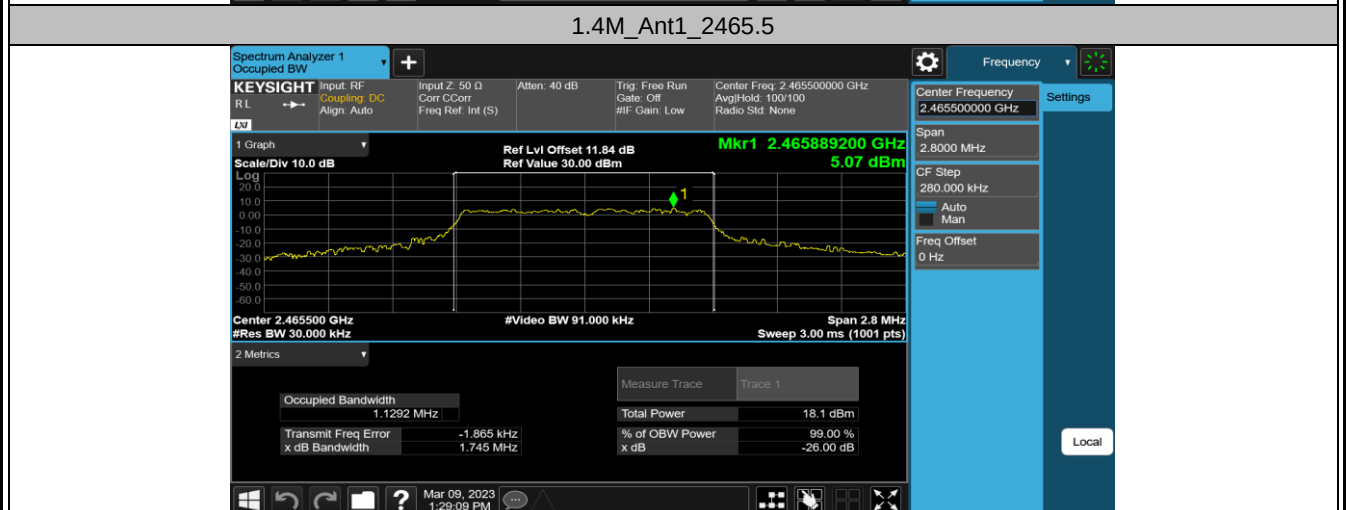
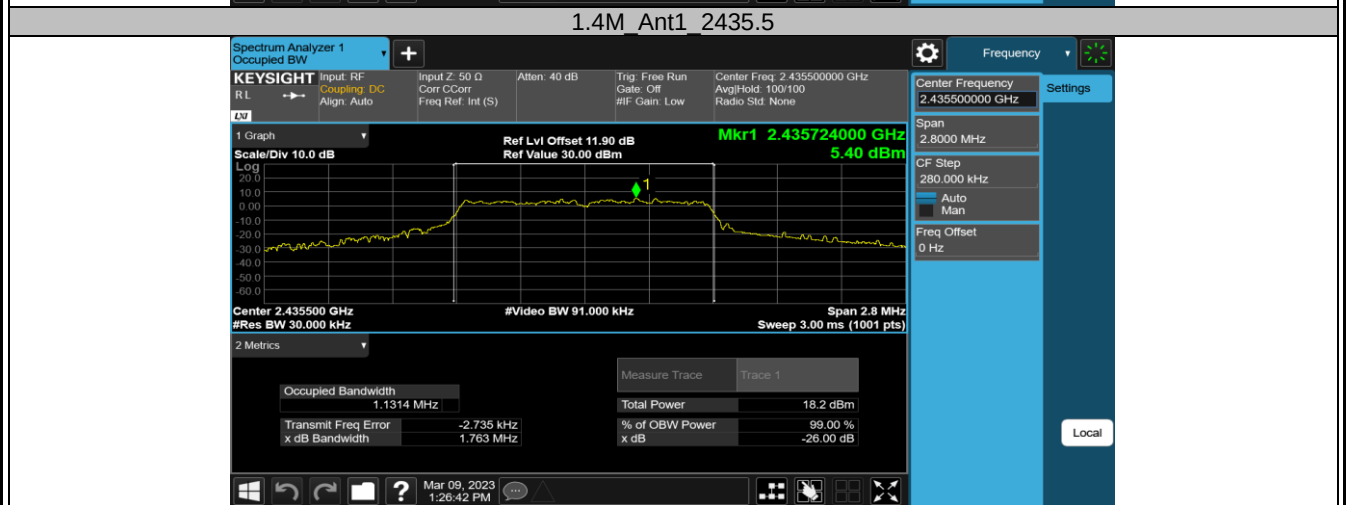
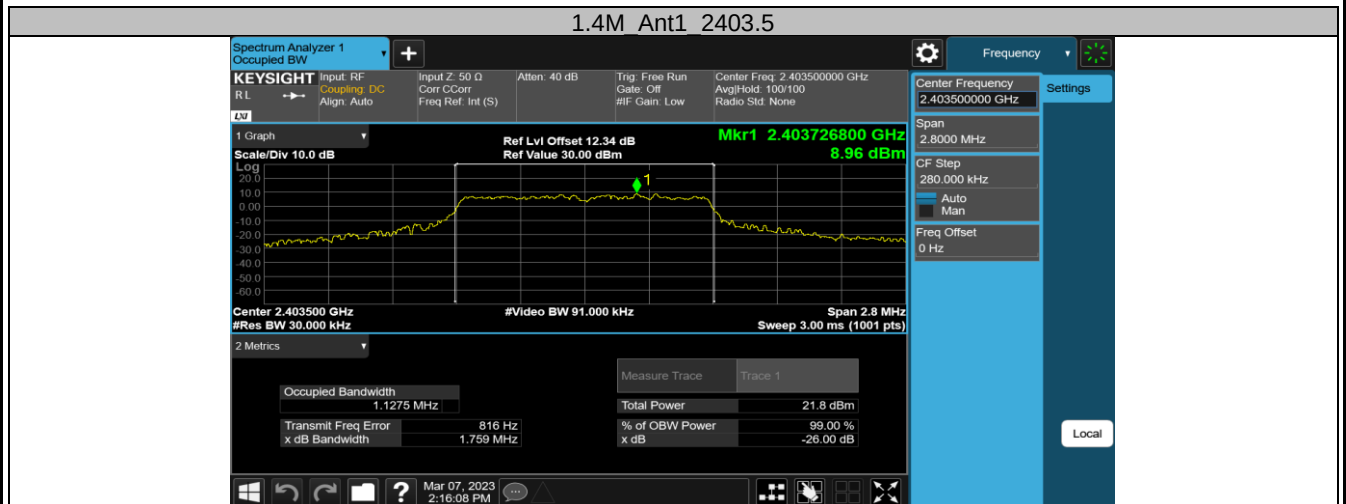
TestMode	Antenna	Channel	DTS BW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
40M	Ant1	2422.5	35.520	2404.900	2440.420	0.5	PASS
		2437.5	35.840	2419.580	2455.420	0.5	PASS
		2452.5	35.440	2434.980	2470.420	0.5	PASS



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	Ant1	2403.5	1.1275	2402.9371	2404.0646	---	PASS
		2435.5	1.1314	2434.9316	2436.0630	---	PASS
		2465.5	1.1292	2464.9335	2466.0627	---	PASS



2.4GHz SDR, 1.4MHz BW CA mode

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
1.4MCA	Ant1	2405.12	1.1316	2404.5525	2405.6841	---	PASS
		2437.12	1.1378	2436.5493	2437.6871	---	PASS
		2471.12	1.1327	2470.5508	2471.6835	---	PASS

