

Appendix C: Test Results of Wi-Fi 802.11 b/g/n

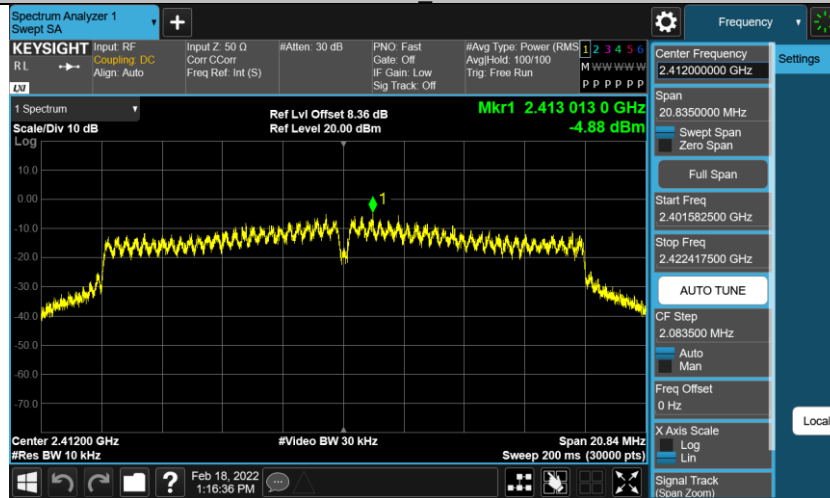
APPENDIX C: TEST RESULTS OF WI-FI 802.11 B/G/N.....	1
APPENDIX C.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
APPENDIX C.2: TEST RESULTS OF 6DB BANDWIDTH.....	7
APPENDIX C.3: TEST RESULTS OF 99% BANDWIDTH	12
APPENDIX C.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH.....	17
Conducted Spurious Emission	17
Band Edge.....	30
APPENDIX C.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS.....	34
30MHz - 1GHz.....	34
Above 1GHz.....	36
APPENDIX C.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS	60

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

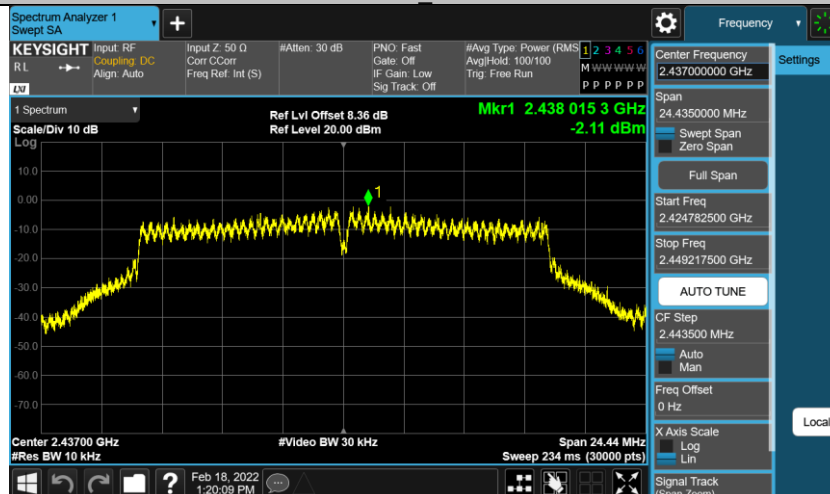
TestMode	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	-5.13	≤8	PASS
	2437	-1.69	≤8	PASS
	2462	-5.8	≤8	PASS
11G	2412	-4.88	≤8	PASS
	2437	-2.11	≤8	PASS
	2462	-5.13	≤8	PASS
11N20	2412	-5.86	≤8	PASS
	2437	-2.72	≤8	PASS
	2462	-5.77	≤8	PASS
11N40	2422	-10.46	≤8	PASS
	2437	-6.59	≤8	PASS
	2452	-10.15	≤8	PASS



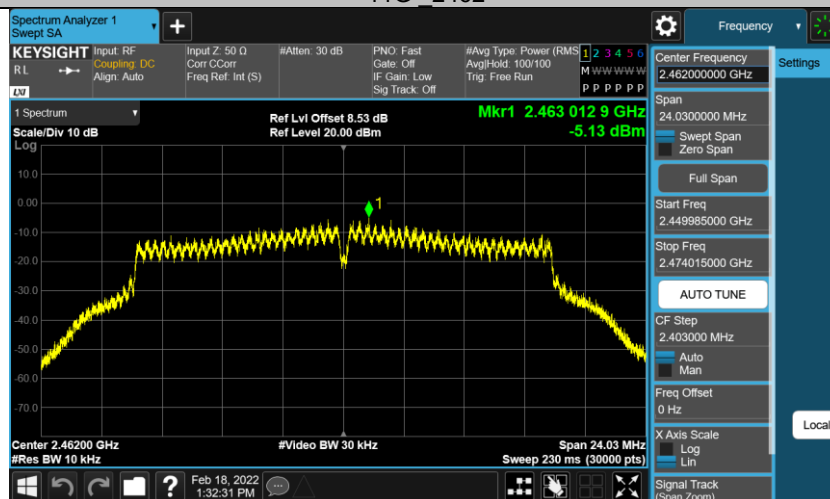
11G_2412



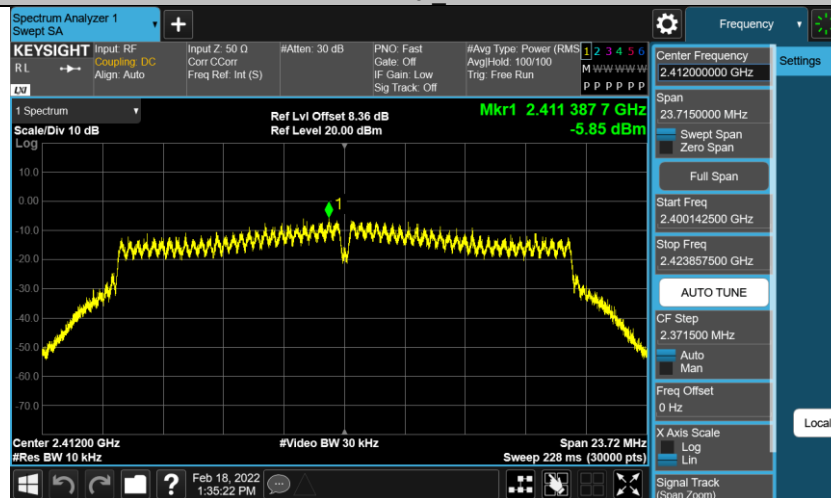
11G_2437



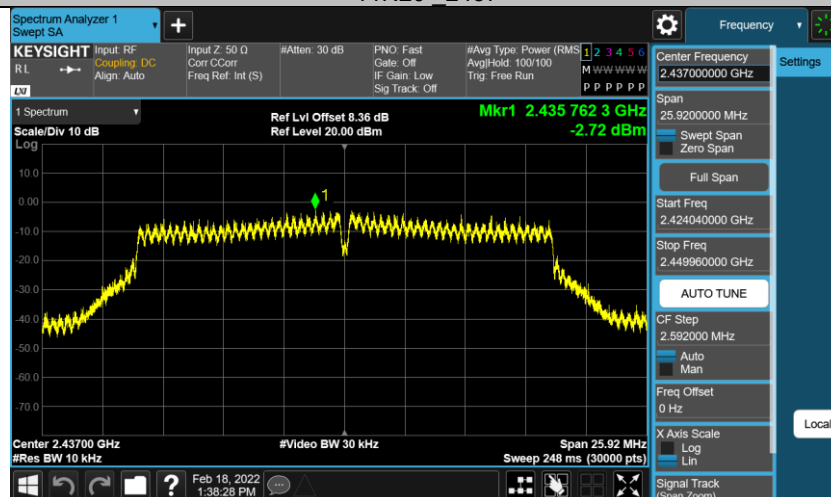
11G_2462



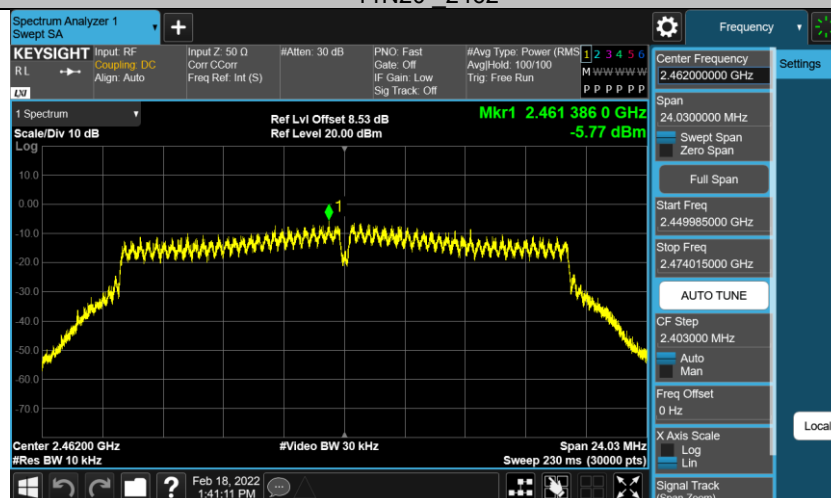
11N20_2412



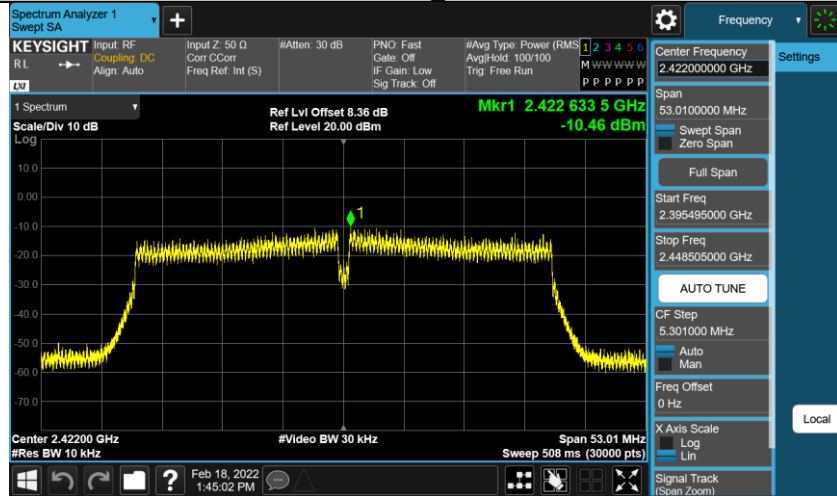
11N20_2437



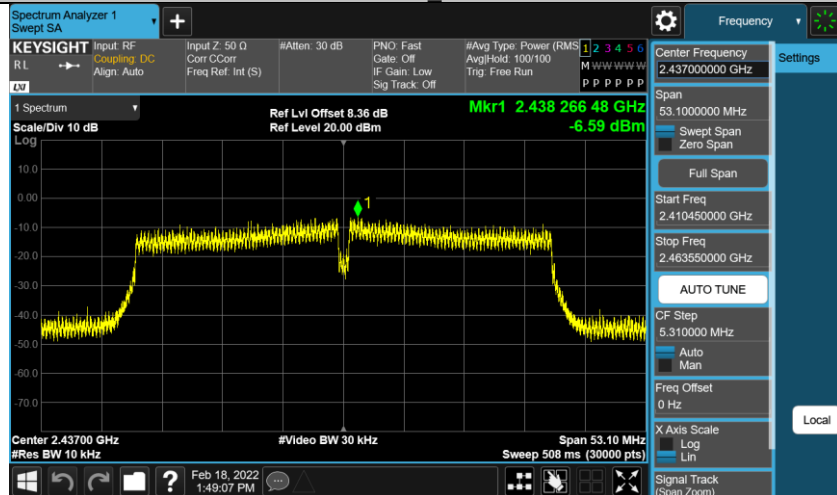
11N20_2462



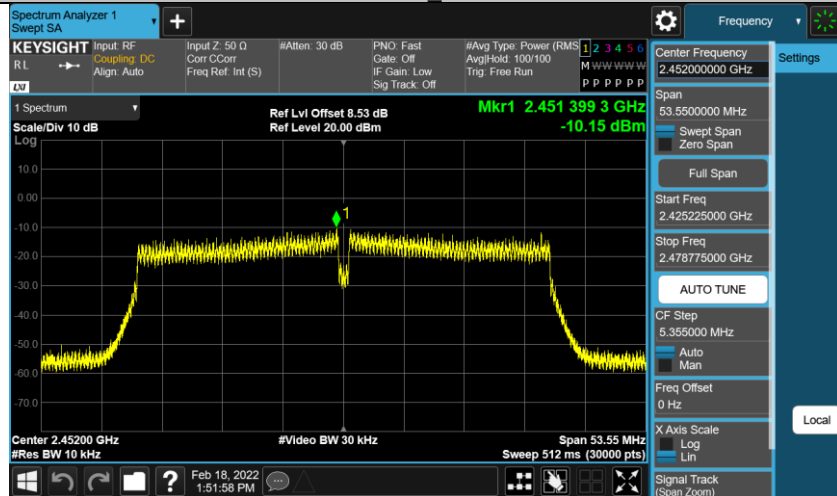
11N40_2422



11N40_2437



11N40_2452



Appendix C.2: Test Results of 6dB Bandwidth

TestMode	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	8.520	2407.500	2416.020	0.5	PASS
	2437	8.550	2432.500	2441.050	0.5	PASS
	2462	8.070	2457.980	2466.050	0.5	PASS
11G	2412	13.890	2405.670	2419.560	0.5	PASS
	2437	16.290	2428.870	2445.160	0.5	PASS
	2462	16.020	2454.170	2470.190	0.5	PASS
11N20	2412	15.810	2404.590	2420.400	0.5	PASS
	2437	17.280	2428.510	2445.790	0.5	PASS
	2462	16.020	2454.530	2470.550	0.5	PASS
11N40	2422	35.340	2404.540	2439.880	0.5	PASS
	2437	35.400	2419.480	2454.880	0.5	PASS
	2452	35.700	2434.480	2470.180	0.5	PASS

11B 2412

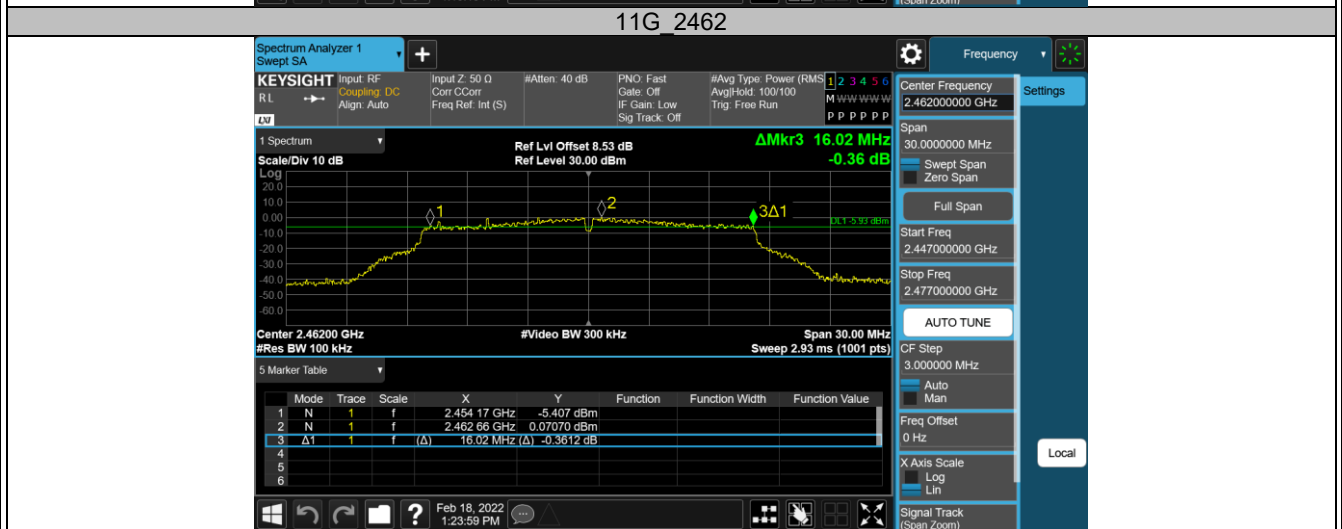
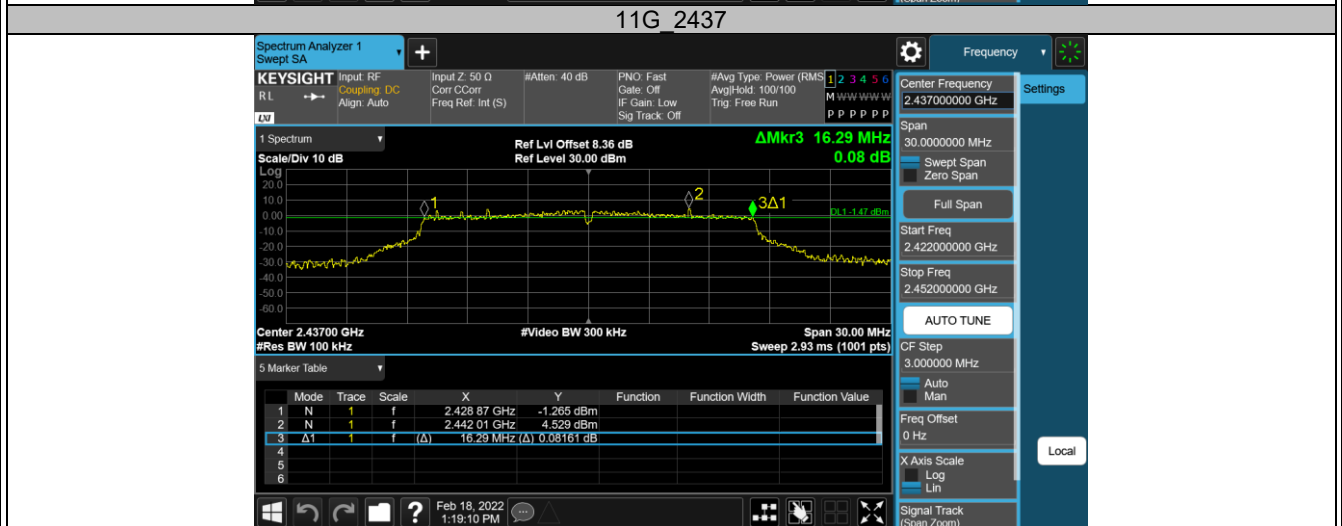
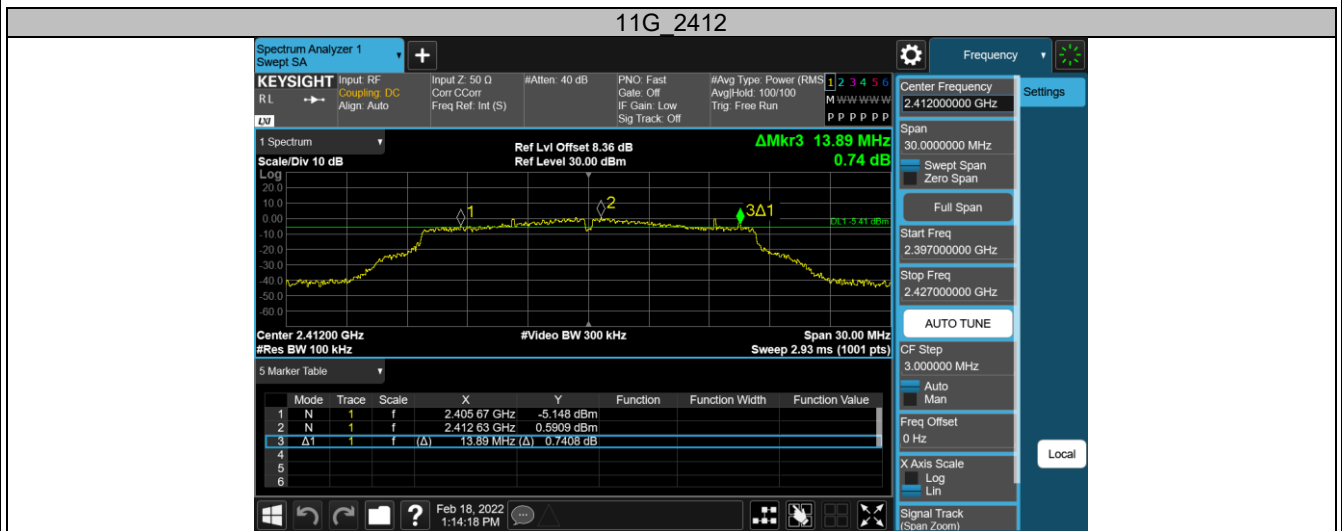


11B 2437

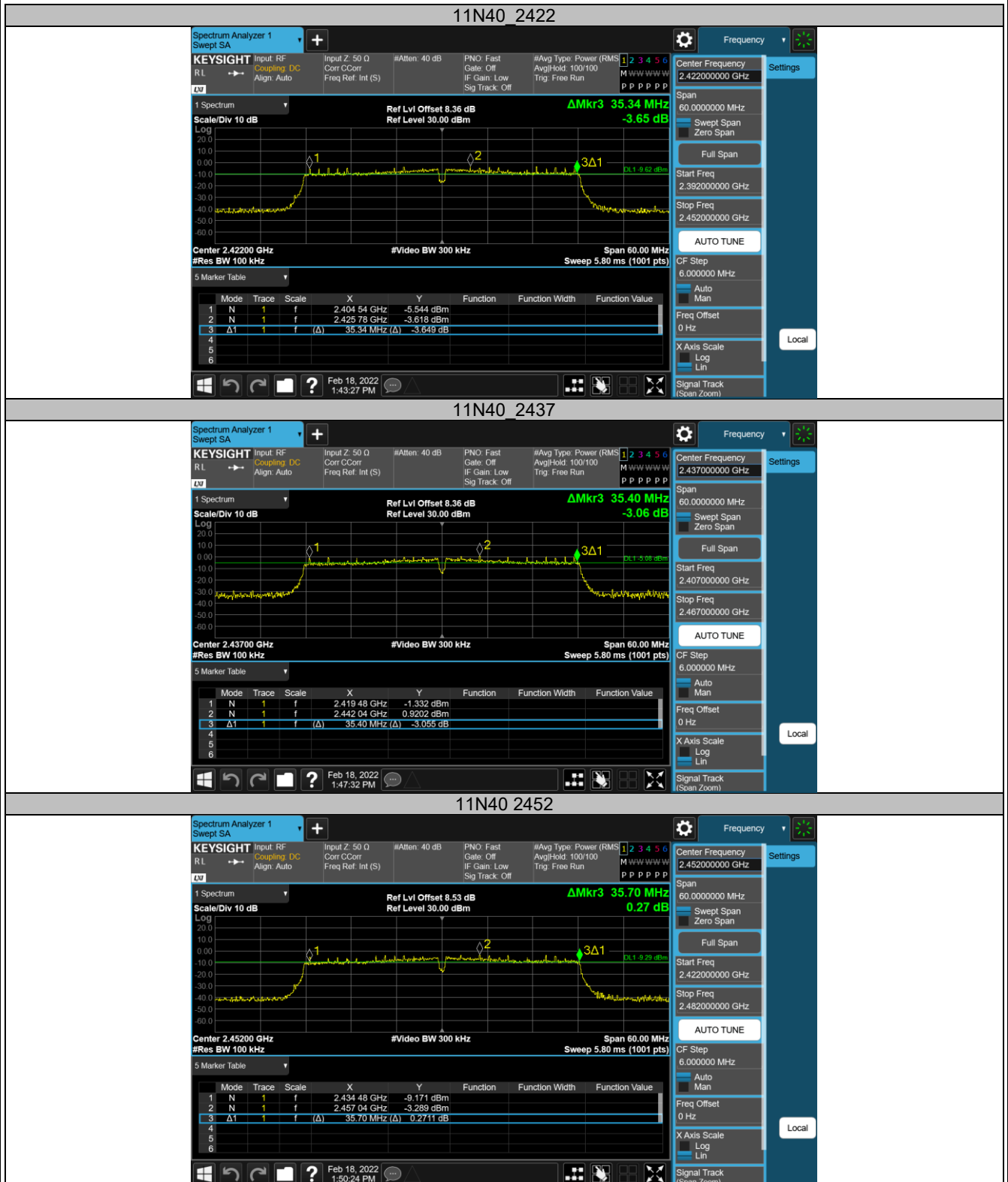


11B 2462





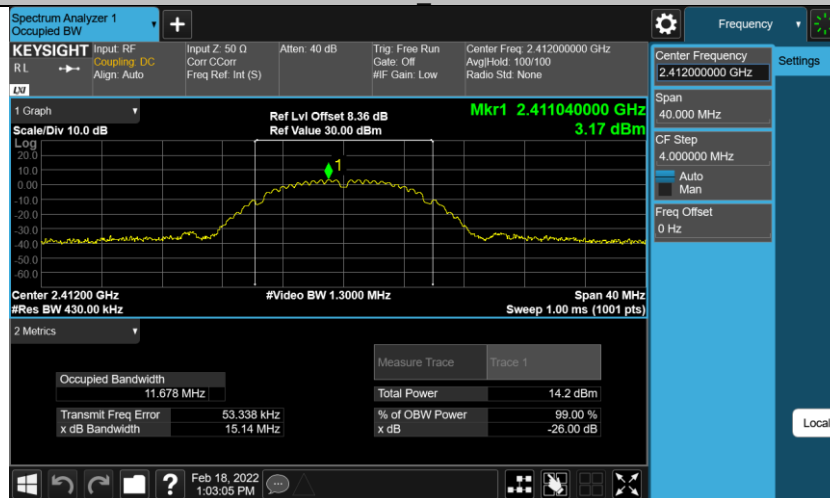




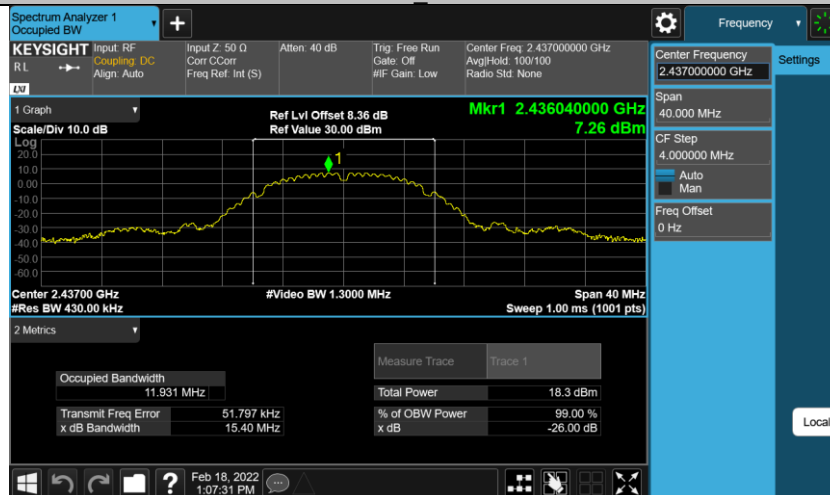
Appendix C.3: Test Results of 99% Bandwidth

TestMode	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	2412	2412	11.678	2406.214	2417.892	PASS
	2437	2437	11.931	2431.086	2443.017	PASS
	2462	2462	11.691	2456.240	2467.931	PASS
11G	2412	2412	16.903	2403.603	2420.506	PASS
	2437	2437	17.215	2428.445	2445.660	PASS
	2462	2462	16.889	2453.598	2470.487	PASS
11N20	2412	2412	17.932	2403.127	2421.059	PASS
	2437	2437	18.210	2427.937	2446.147	PASS
	2462	2462	17.884	2453.163	2471.047	PASS
11N40	2422	2422	36.319	2403.905	2440.224	PASS
	2437	2437	36.430	2418.883	2455.313	PASS
	2452	2452	36.286	2433.970	2470.256	PASS

11B_2412



11B_2437



11B_2462

