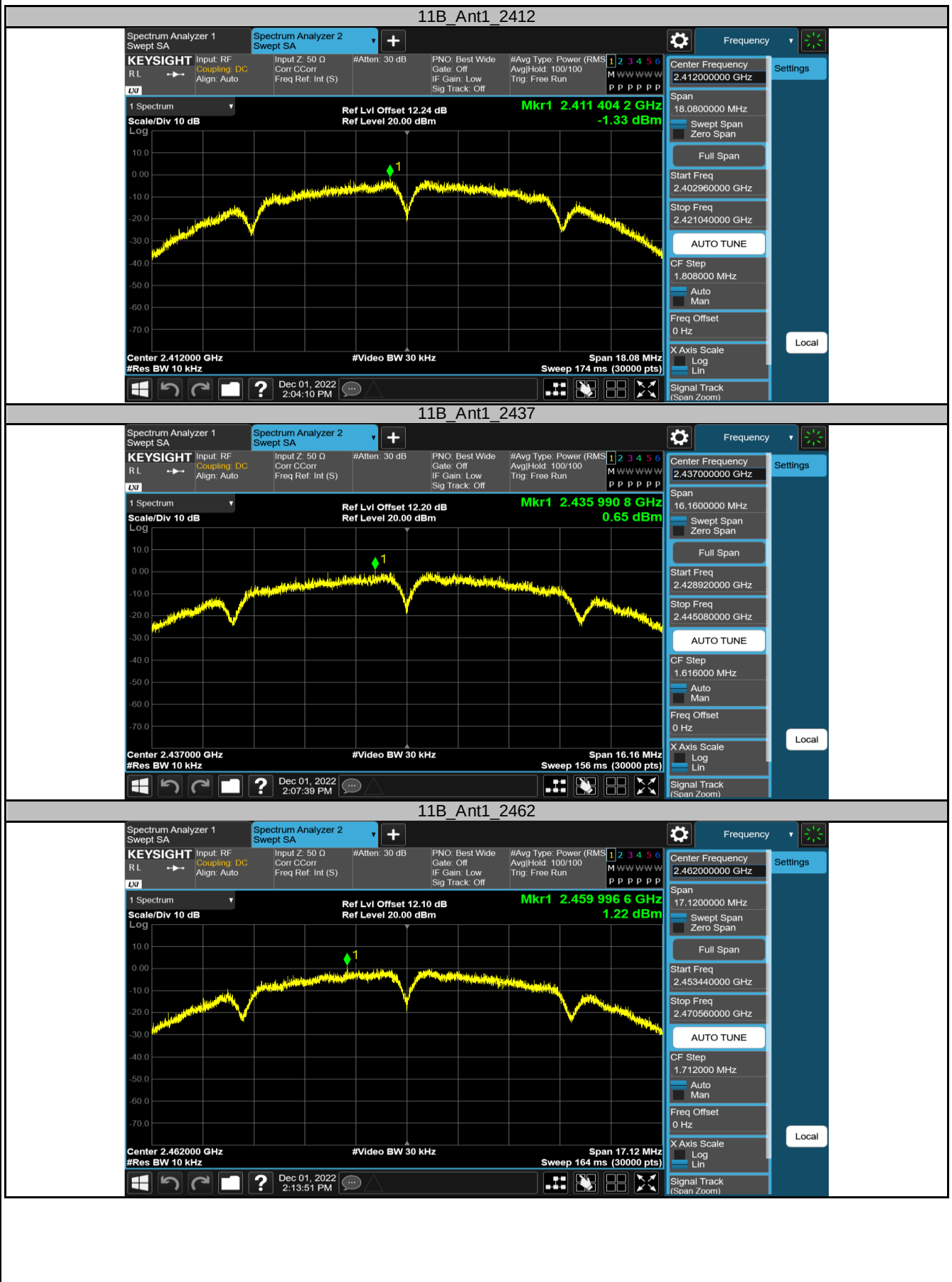


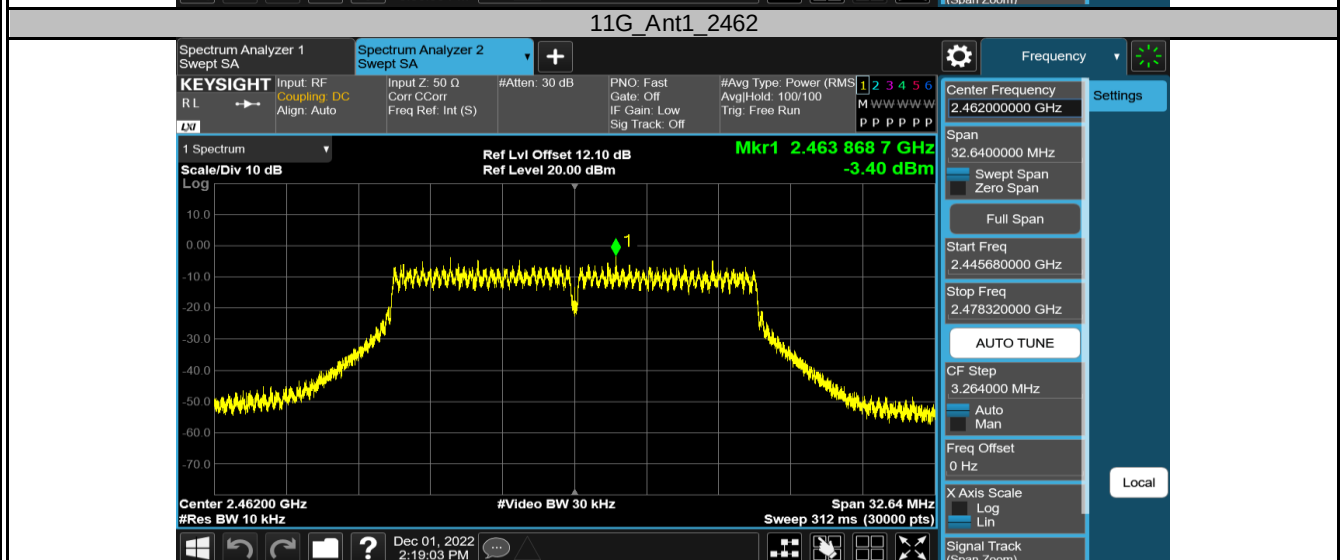
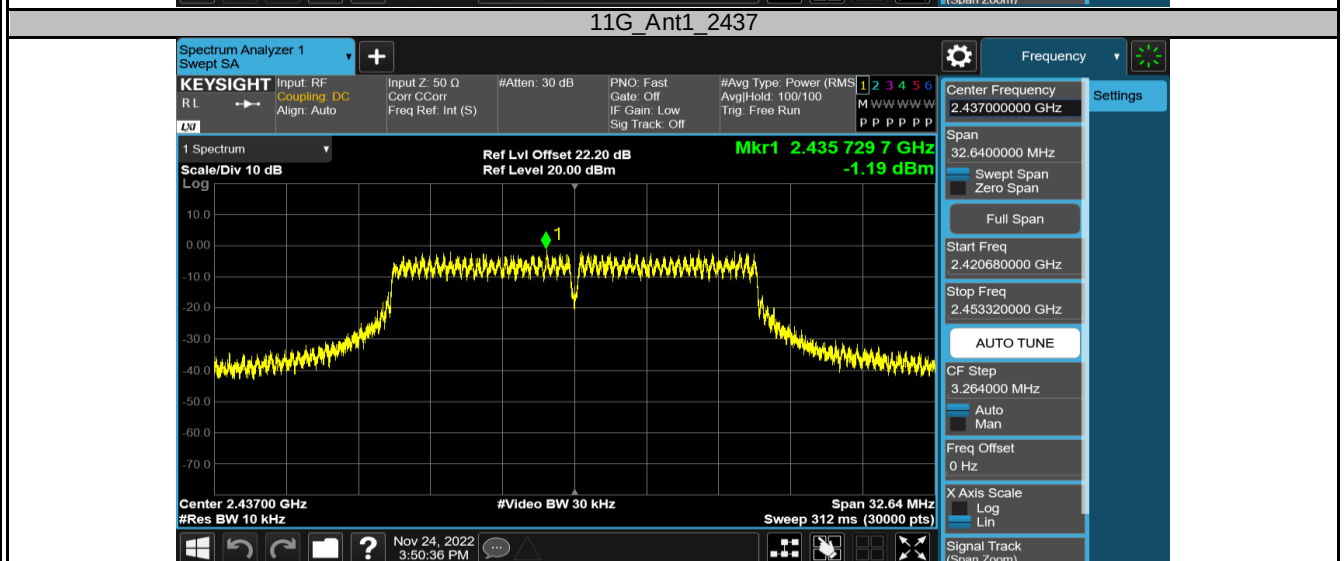
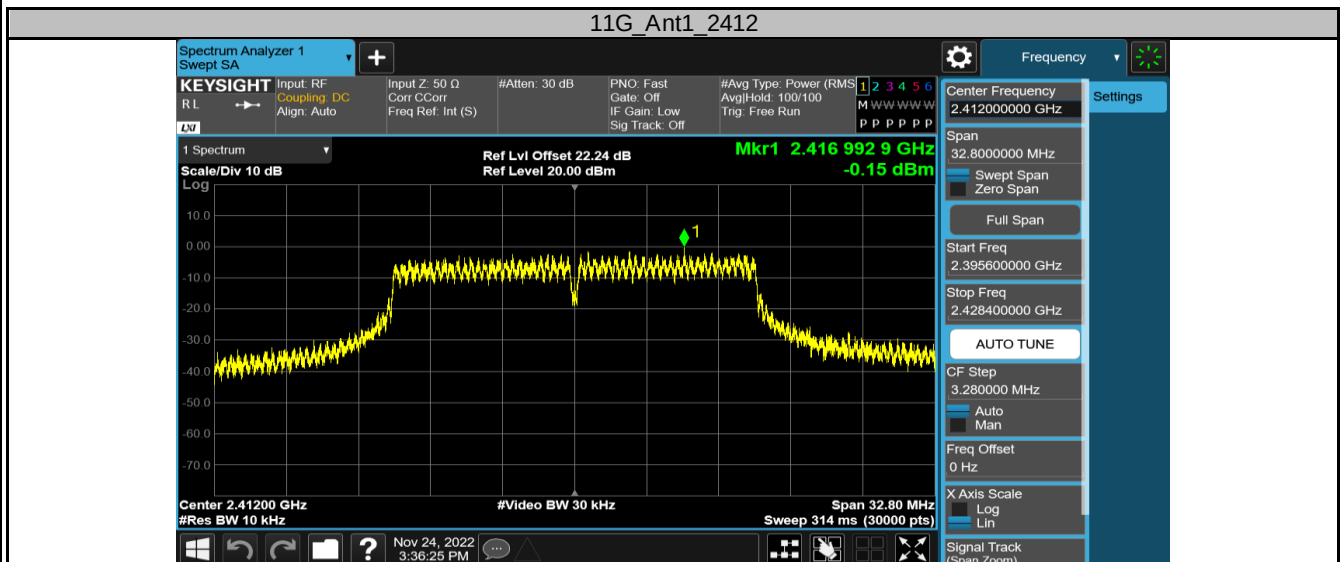
Appendix B: Test Results

APPENDIX B: TEST RESULTS.....	1
APPENDIX B.1: TEST RESULTS OF CONDUCTED POWER SPECTRAL DENSITY	2
APPENDIX B.2: TEST RESULTS OF 6dB BANDWIDTH	7
APPENDIX B.3: TEST RESULTS OF 99% BANDWIDTH.....	12
APPENDIX B.4: TEST RESULTS OF CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100 kHz BANDWIDTH.....	17
<i>Band Edge.....</i>	<i>17</i>
<i>Conducted Spurious Emission.....</i>	<i>20</i>
APPENDIX B.5: TEST RESULTS OF RADIATED SPURIOUS EMISSIONS	33
30MHz - 1GHz (Worst case).....	33
1GHz - 18GHz.....	35
APPENDIX B.6: TEST RESULTS OF RADIATED EMISSIONS IN RESTRICTED BANDS.....	59
<i>Wi-Fi 802.11 b mode, 1 Mbps.....</i>	<i>59</i>
<i>Wi-Fi 802.11 g mode, 6 Mbps.....</i>	<i>63</i>
<i>Wi-Fi 802.11 n(HT20) mode, MCS0.....</i>	<i>67</i>
<i>Wi-Fi 802.11 n(HT40) mode, MCS0.....</i>	<i>71</i>
APPENDIX B.7: TEST RESULTS OF CONDUCTED EMISSION.....	75

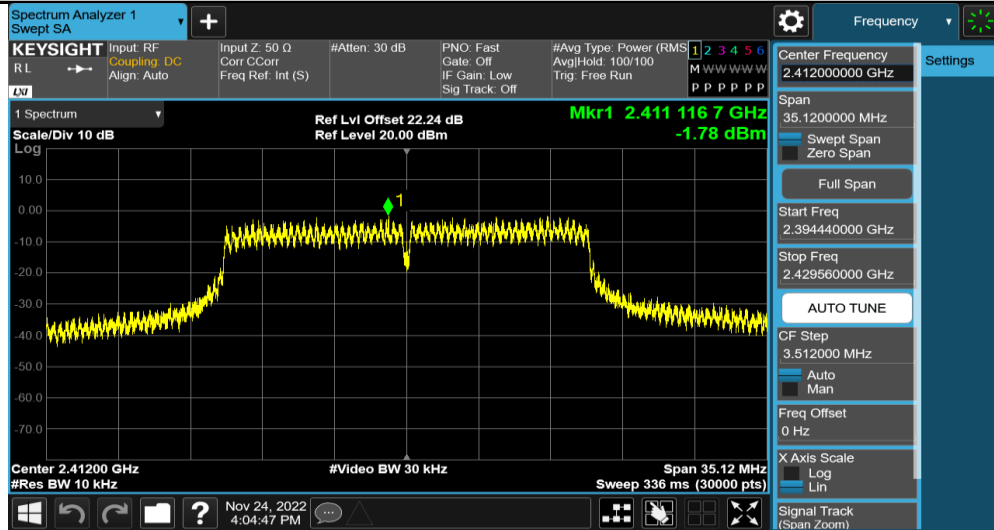
Appendix B.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-1.33	≤8.00	PASS
		2437	0.65	≤8.00	PASS
		2462	1.22	≤8.00	PASS
11G	Ant1	2412	-0.15	≤8.00	PASS
		2437	-1.19	≤8.00	PASS
		2462	-3.40	≤8.00	PASS
11N20SISO	Ant1	2412	-1.78	≤8.00	PASS
		2437	-0.60	≤8.00	PASS
		2462	-5.37	≤8.00	PASS
11N40SISO	Ant1	2422	-3.73	≤8.00	PASS
		2437	-5.18	≤8.00	PASS
		2452	-8.53	≤8.00	PASS

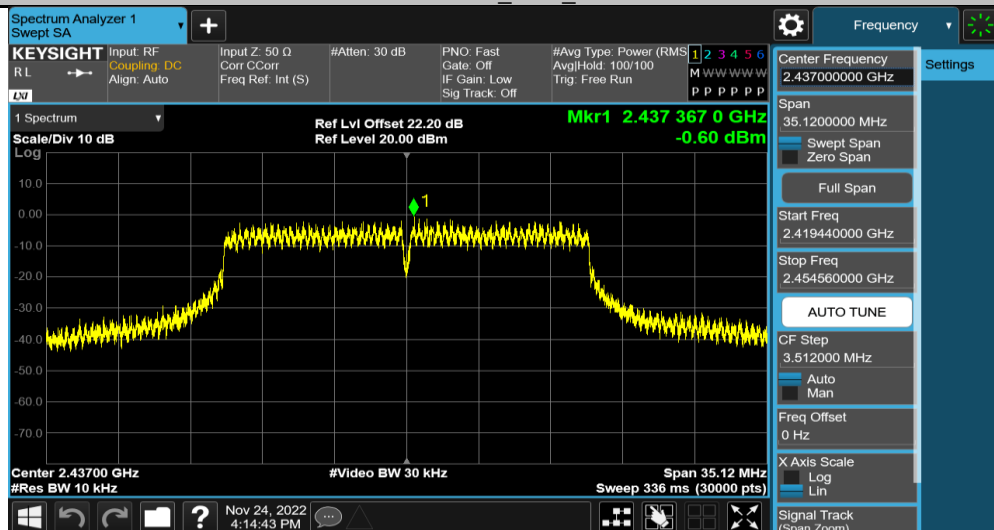




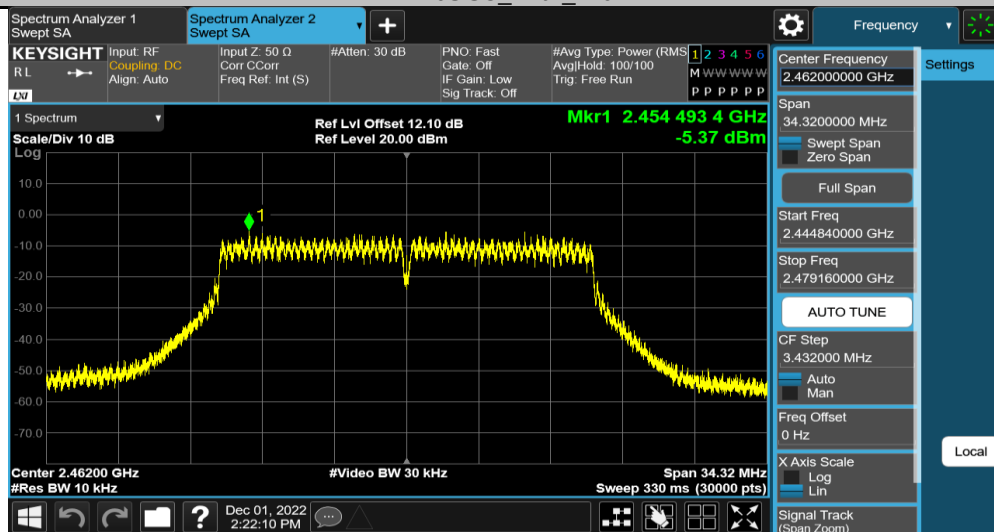
11N20SISO_Ant1_2412



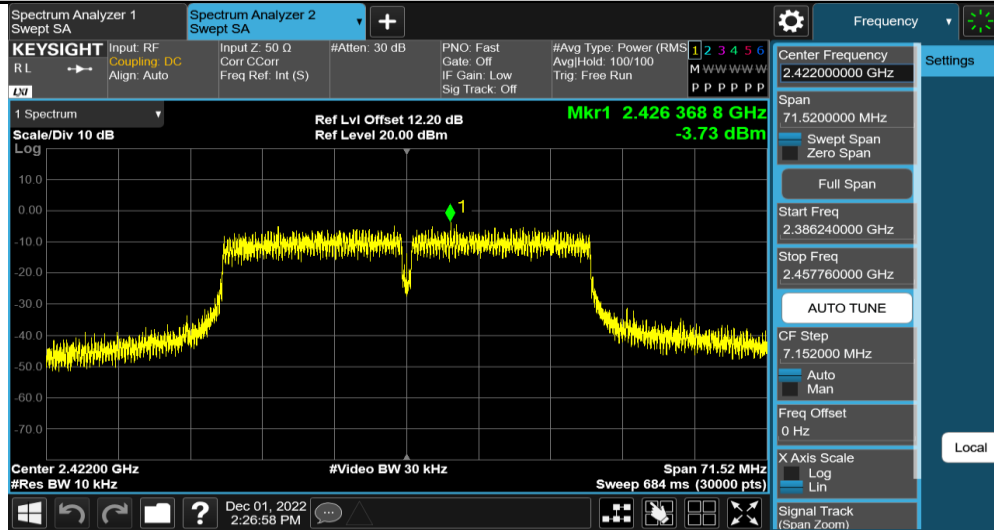
11N20SISO_Ant1_2437



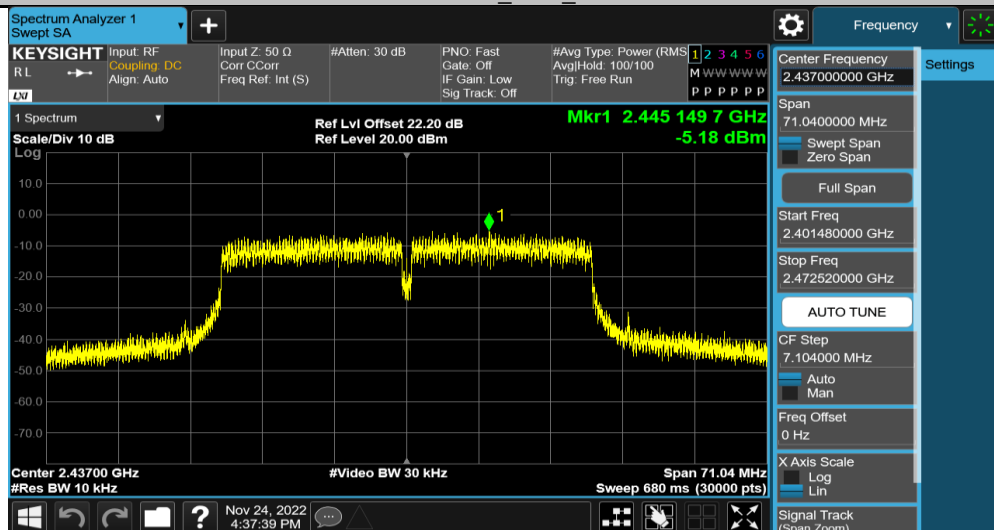
11N20SISO_Ant1_2462



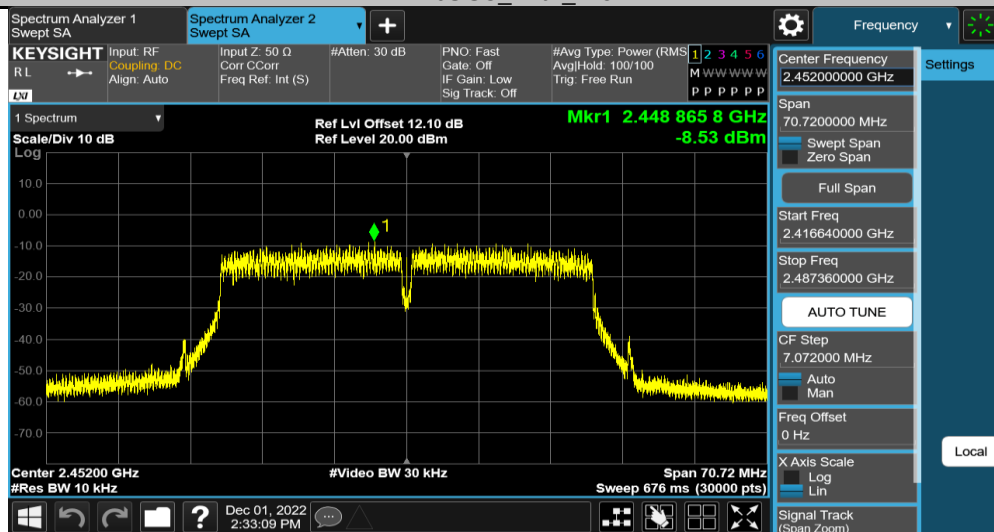
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



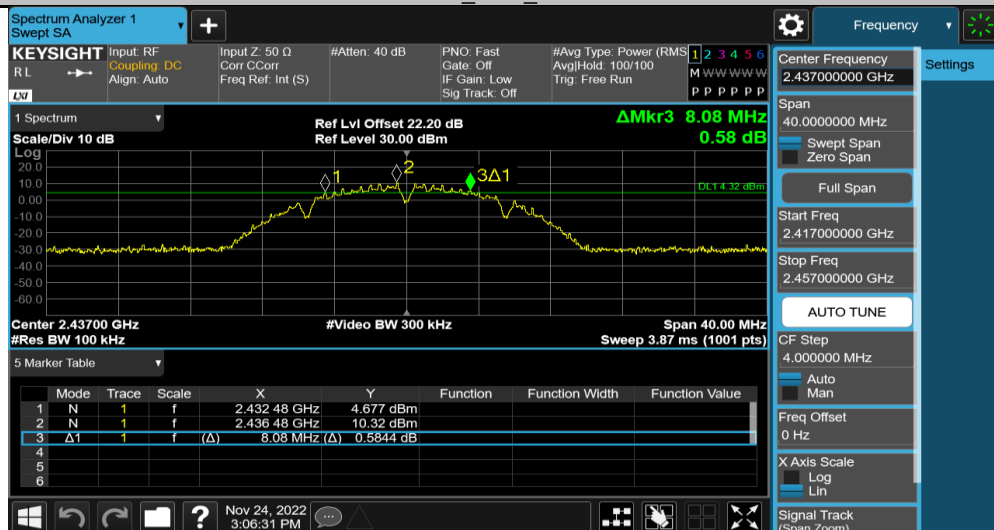
Appendix B.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.480	2416.520	0.5	PASS
		2437	8.080	2432.480	2440.560	0.5	PASS
		2462	8.560	2457.960	2466.520	0.5	PASS
11G	Ant1	2412	16.400	2403.840	2420.240	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.160	2453.240	2470.400	0.5	PASS
11N40SISO	Ant1	2422	35.760	2404.400	2440.160	0.5	PASS
		2437	35.520	2419.400	2454.920	0.5	PASS
		2452	35.360	2434.240	2469.600	0.5	PASS

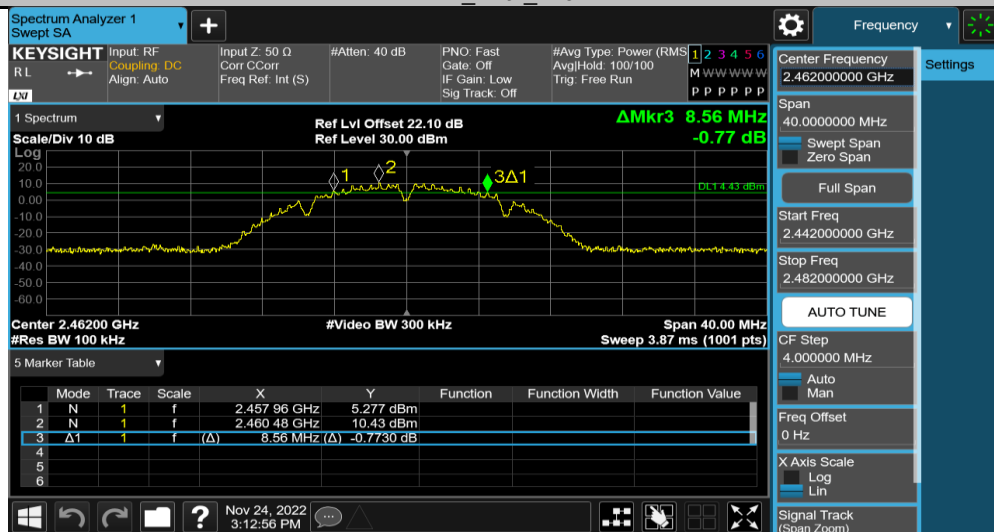
11B_Ant1_2412



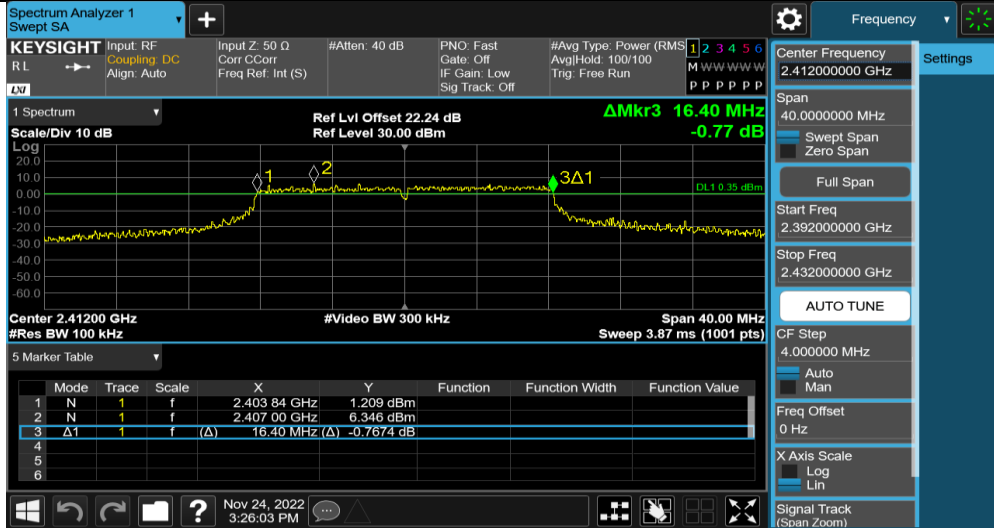
11B_Ant1_2437



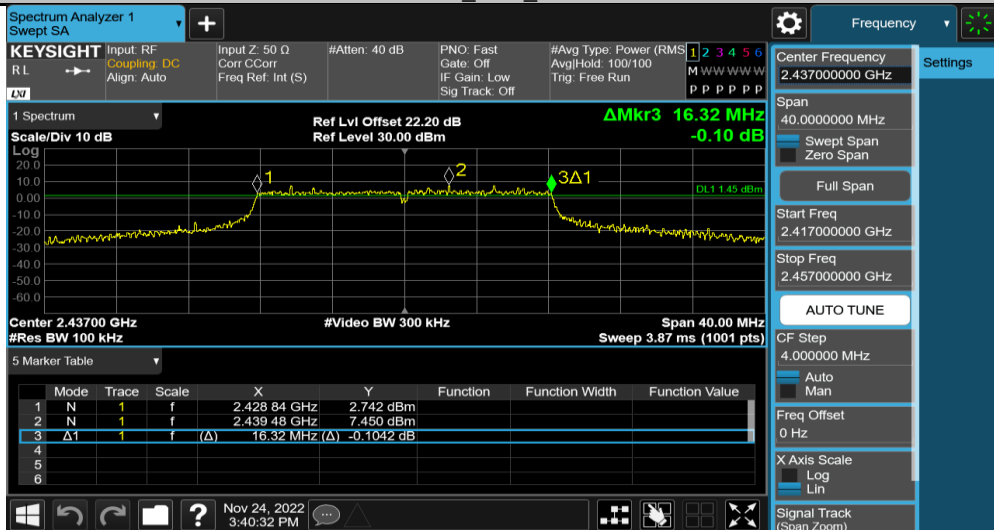
11B_Ant1_2462



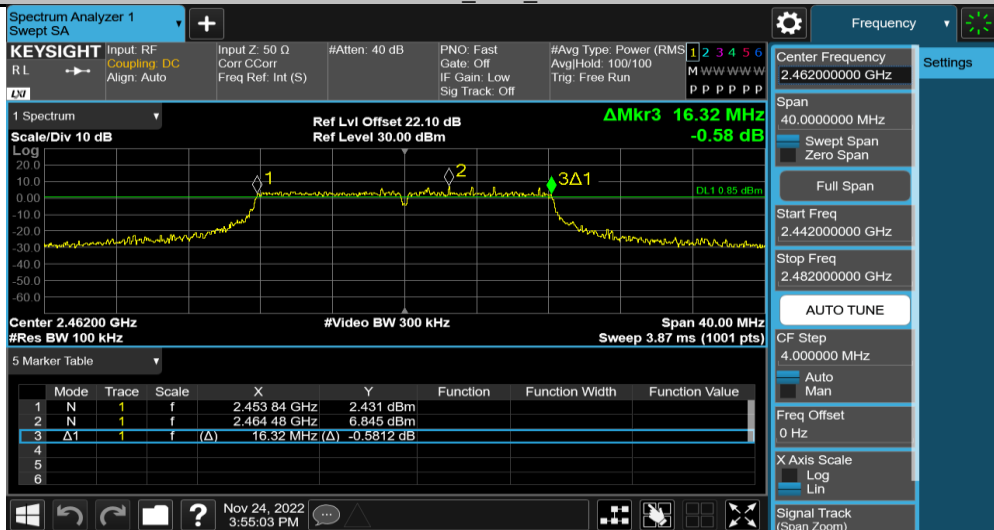
11G_Ant1_2412



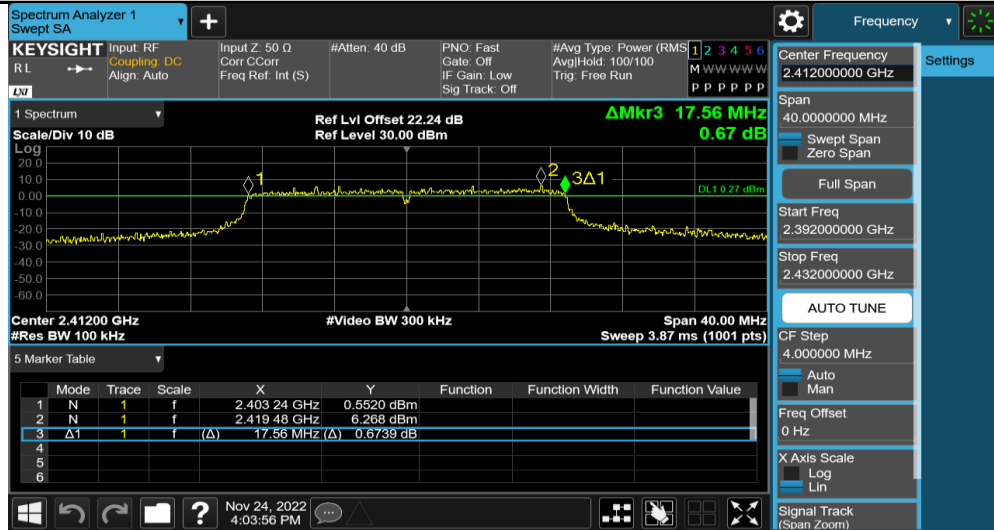
11G_Ant1_2437



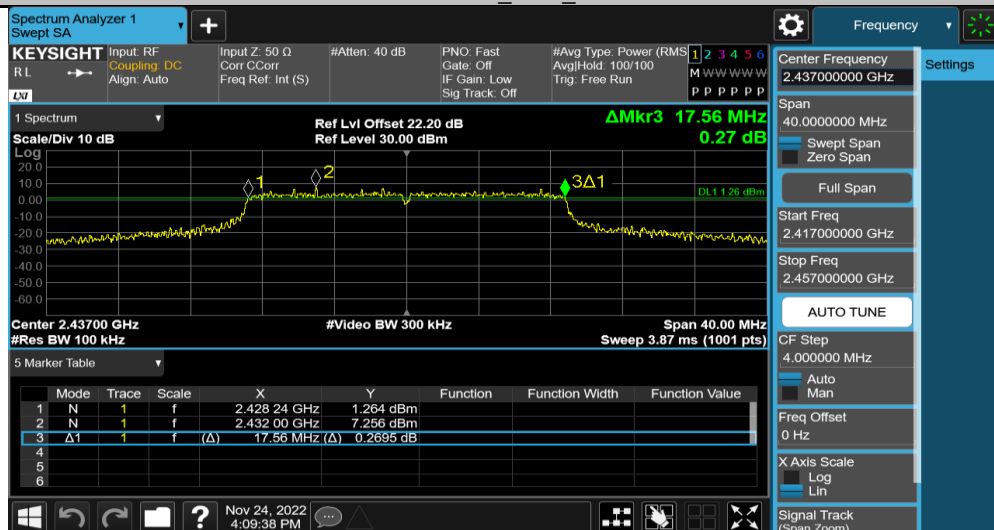
11G_Ant1_2462



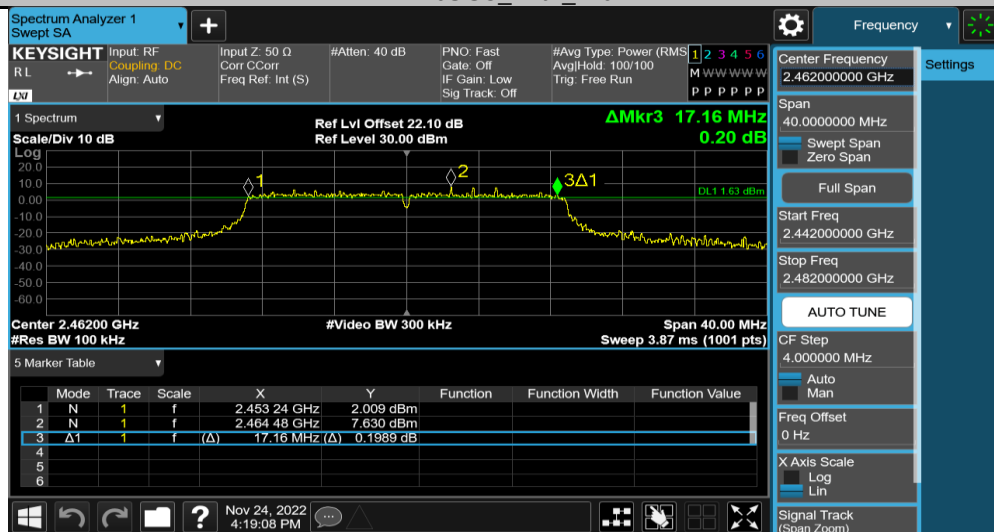
11N20SISO_Ant1_2412



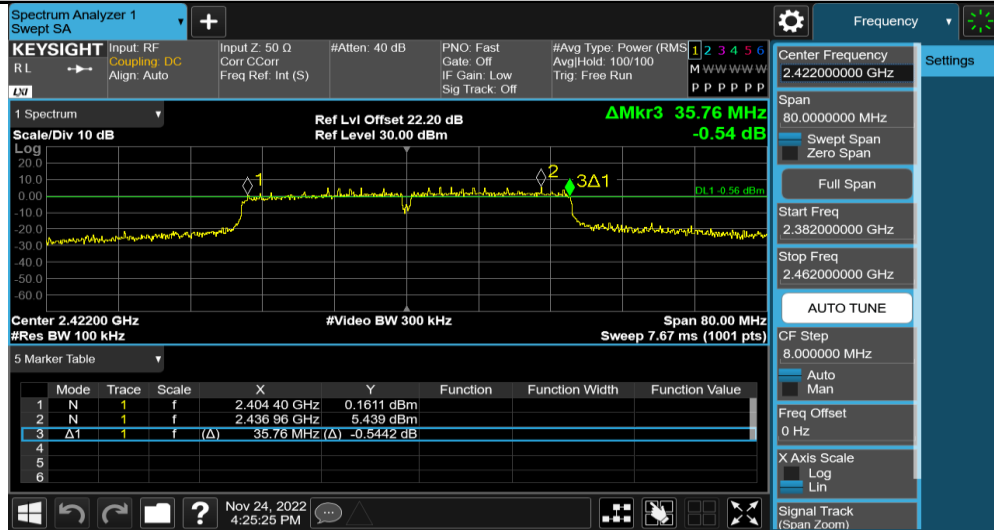
11N20SISO_Ant1_2437



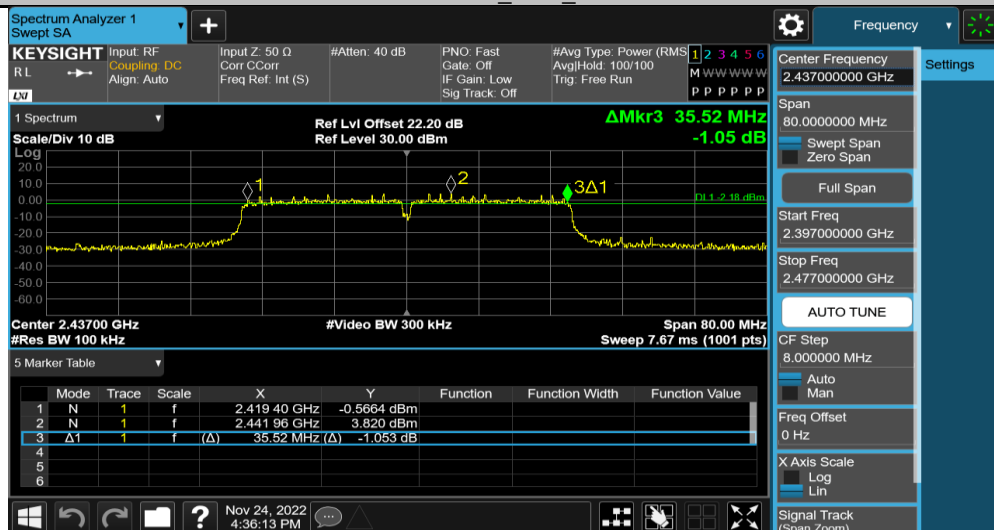
11N20SISO_Ant1_2462



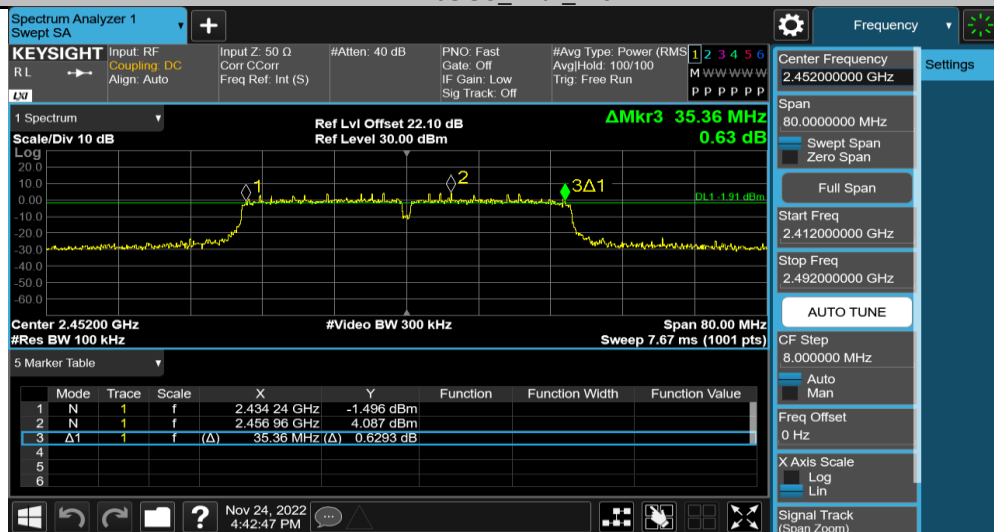
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



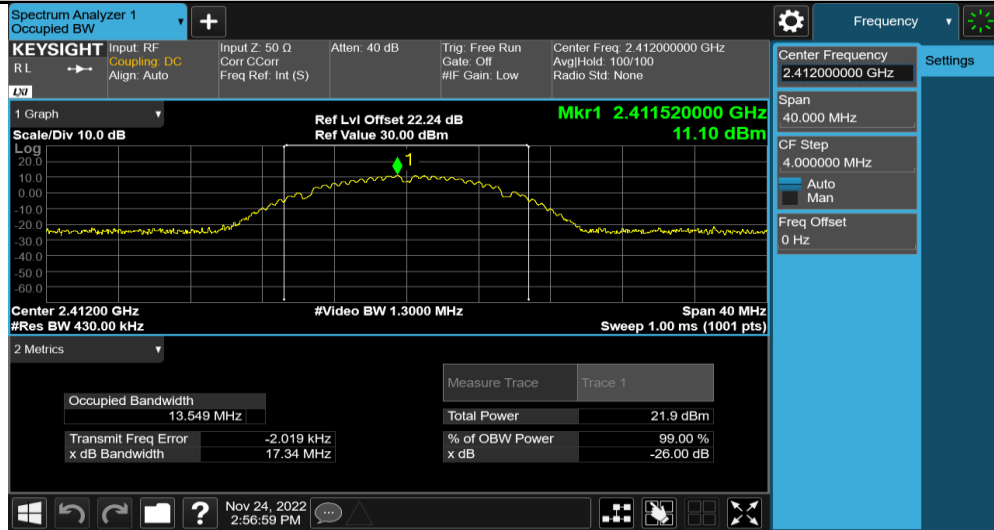
11N40SISO_Ant1_2452



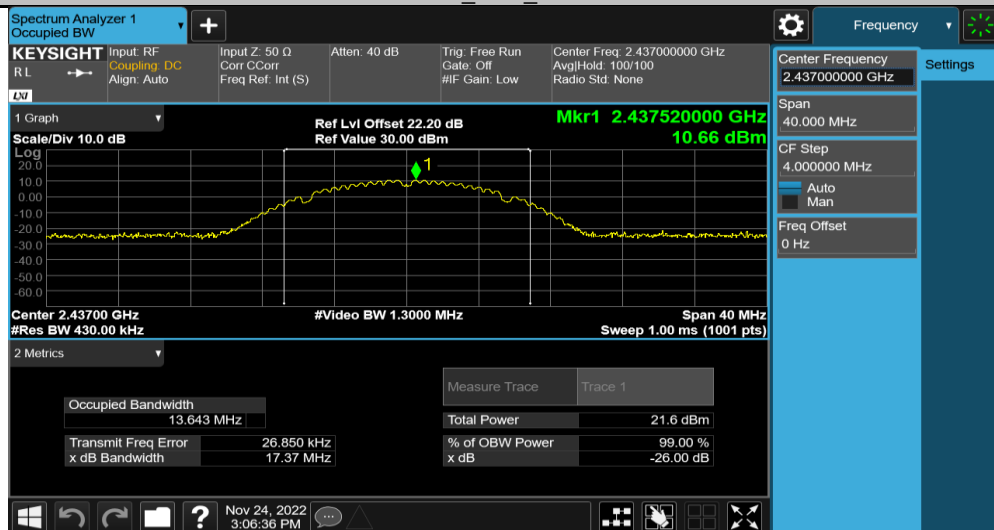
Appendix B.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.549	2405.2235	2418.7725	---	PASS
		2437	13.643	2430.2054	2443.8484	---	PASS
		2462	13.631	2455.2053	2468.8363	---	PASS
11G	Ant1	2412	18.072	2403.3761	2421.4481	---	PASS
		2437	17.788	2428.2478	2446.0358	---	PASS
		2462	17.243	2453.3366	2470.5796	---	PASS
11N20SISO	Ant1	2412	18.441	2402.9968	2421.4378	---	PASS
		2437	18.665	2427.7333	2446.3983	---	PASS
		2462	18.189	2452.9354	2471.1244	---	PASS
11N40SISO	Ant1	2422	37.566	2403.8987	2441.4647	---	PASS
		2437	36.567	2418.8517	2455.4187	---	PASS
		2452	36.345	2433.8500	2470.1950	---	PASS

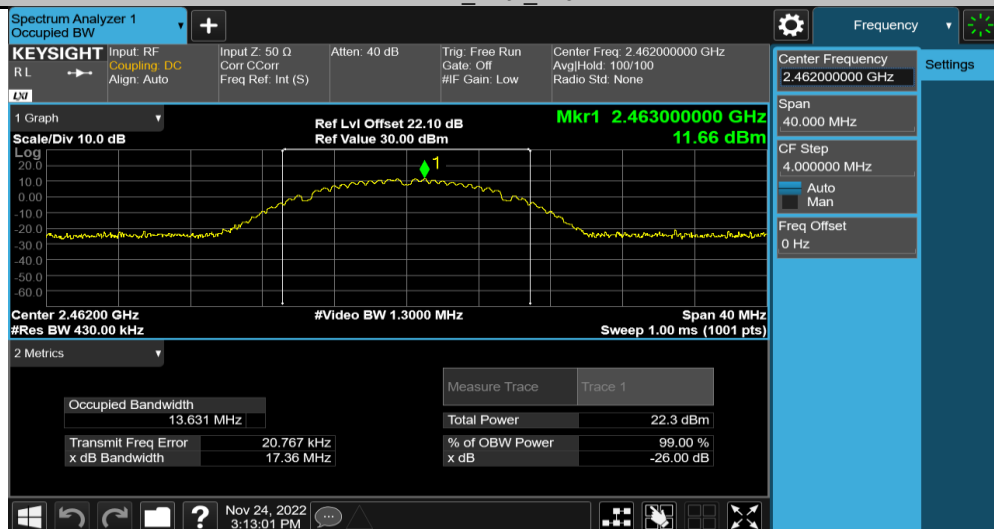
11B_Ant1_2412



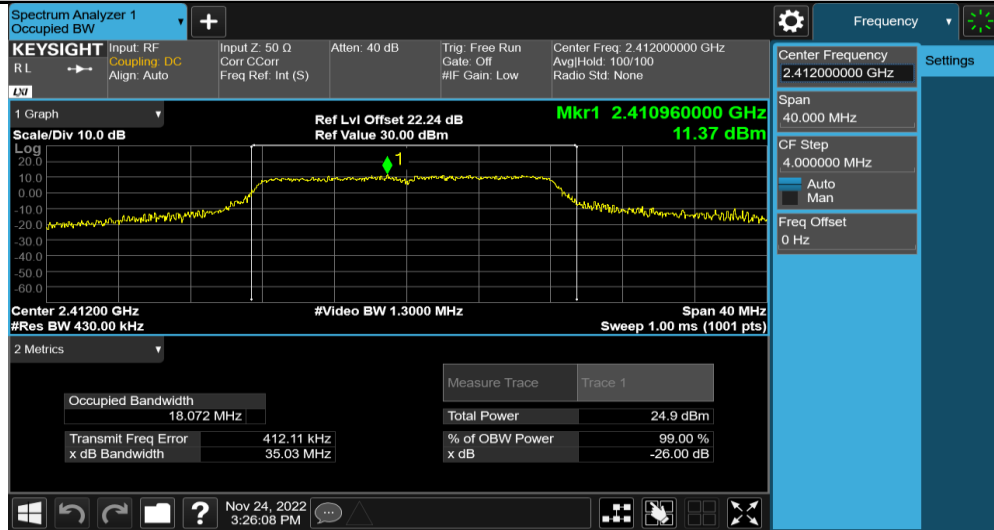
11B_Ant1_2437



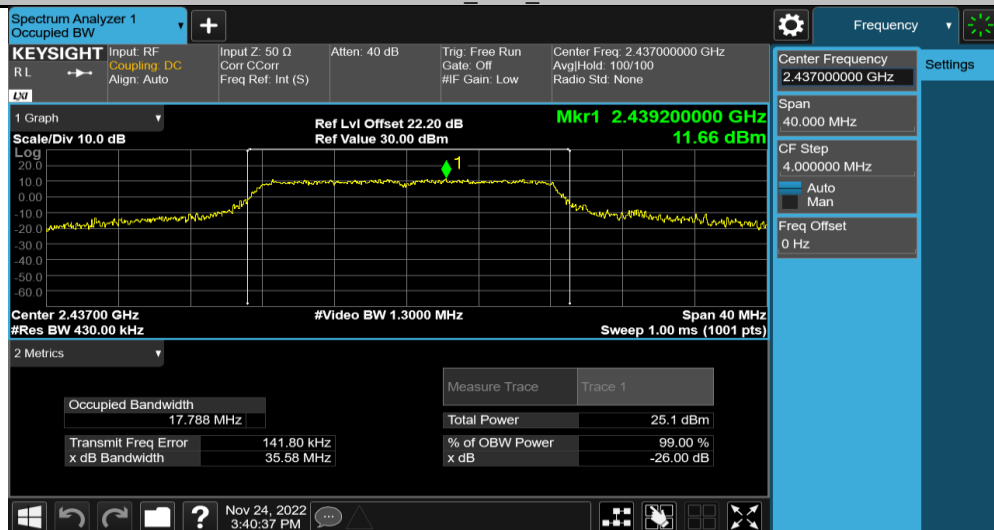
11B_Ant1_2462



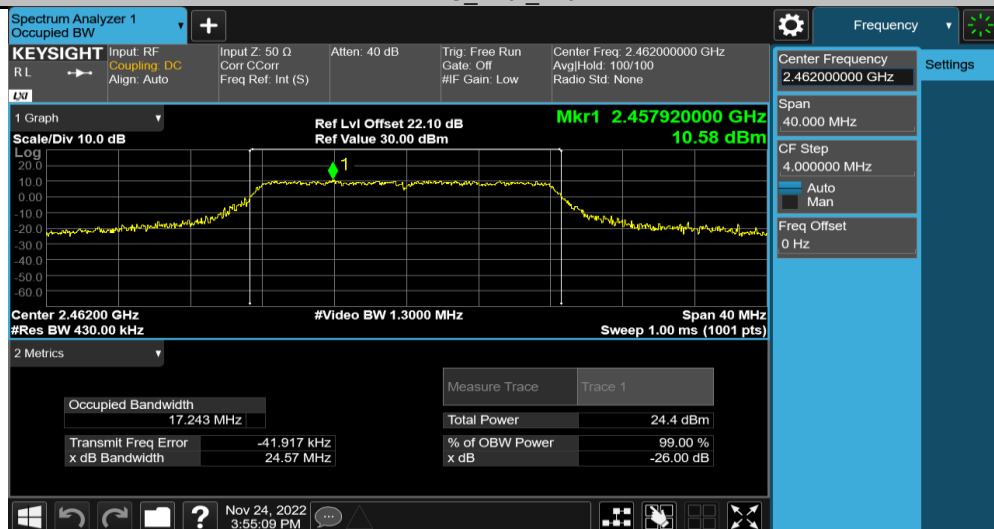
11G_Ant1_2412



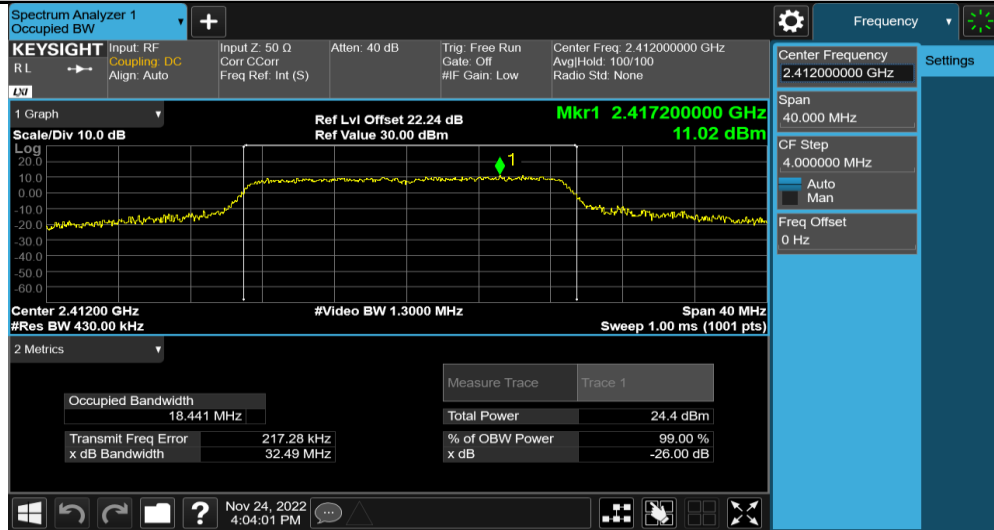
11G_Ant1_2437



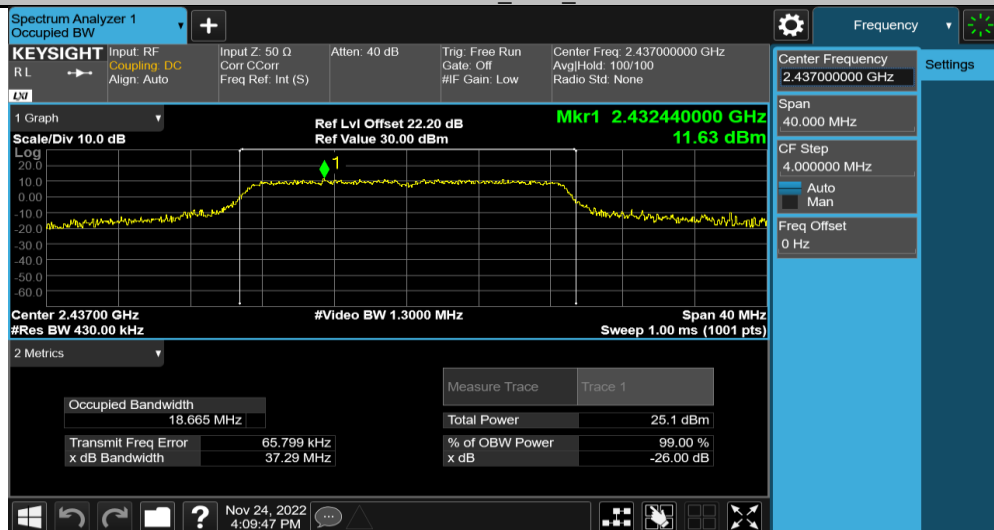
11G_Ant1_2462



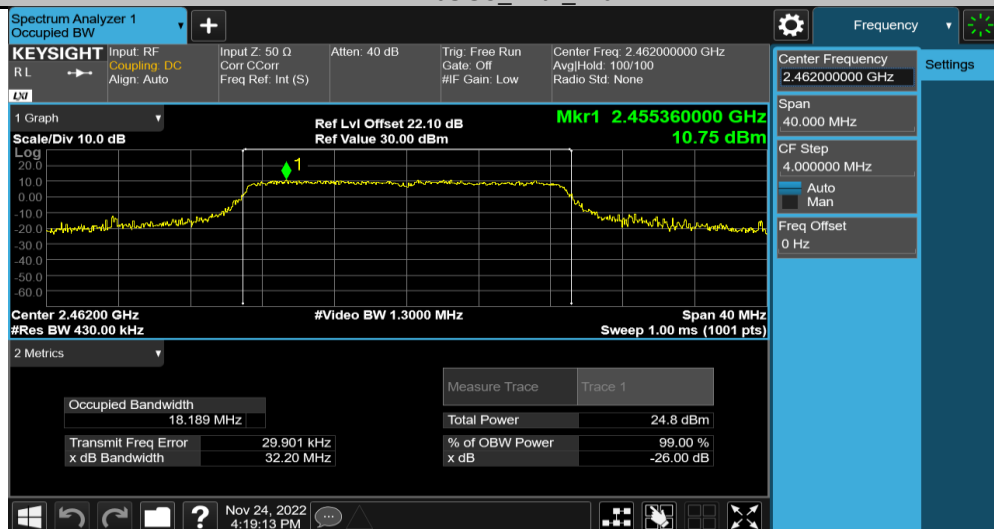
11N20SISO_Ant1_2412



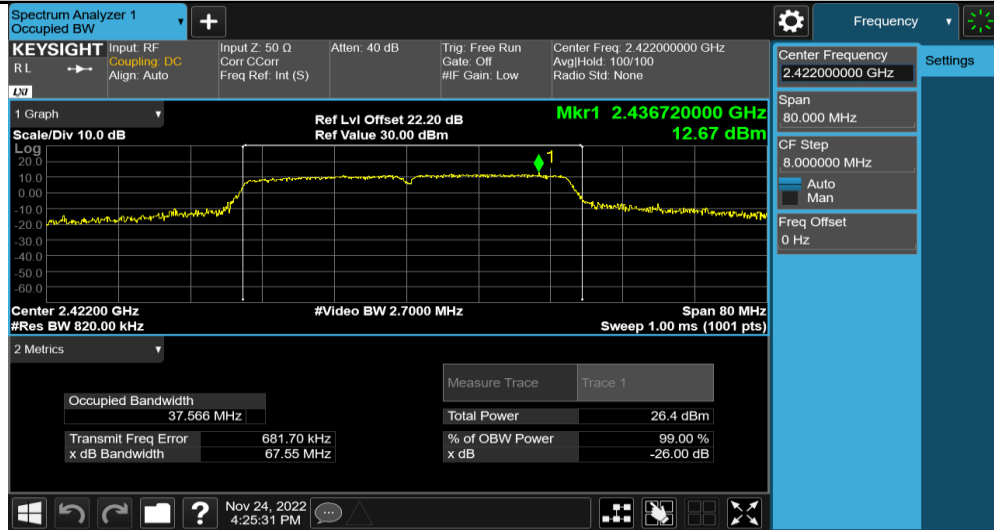
11N20SISO_Ant1_2437



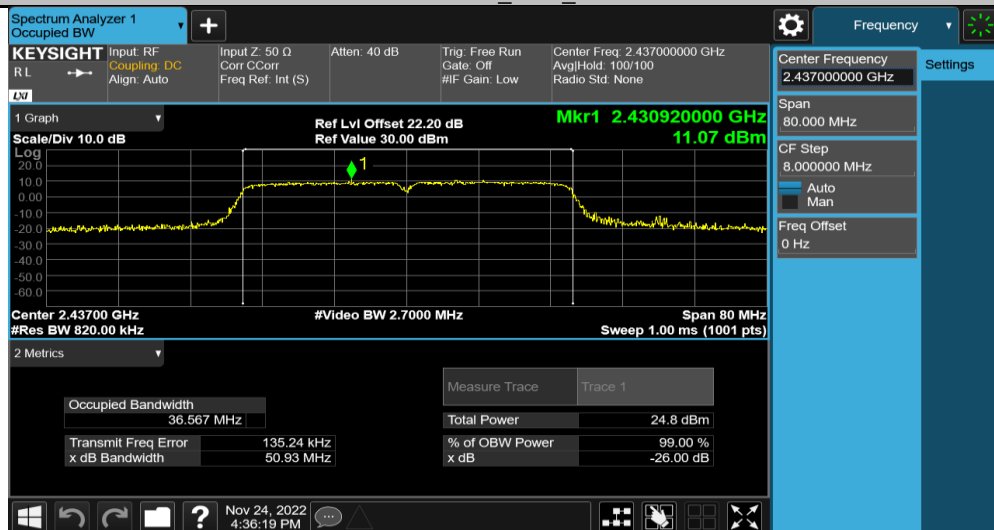
11N20SISO_Ant1_2462



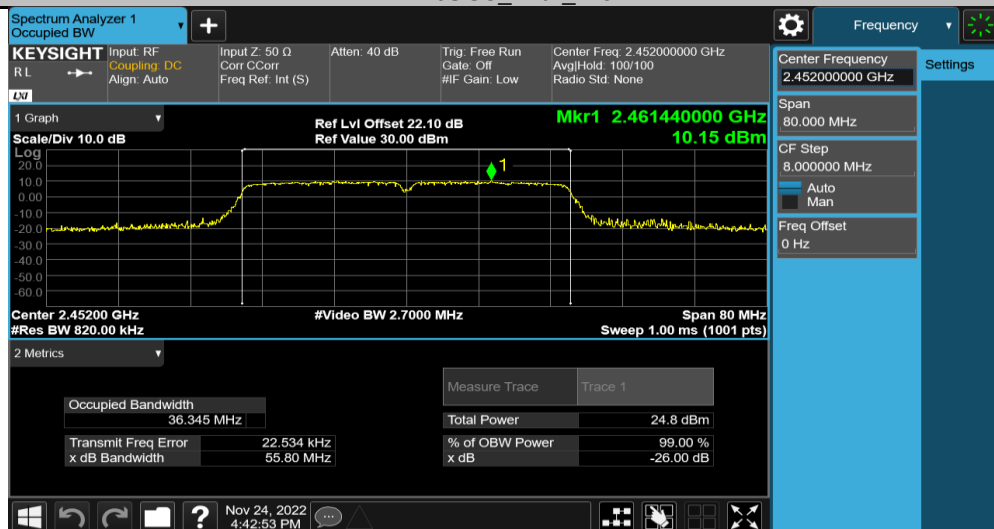
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

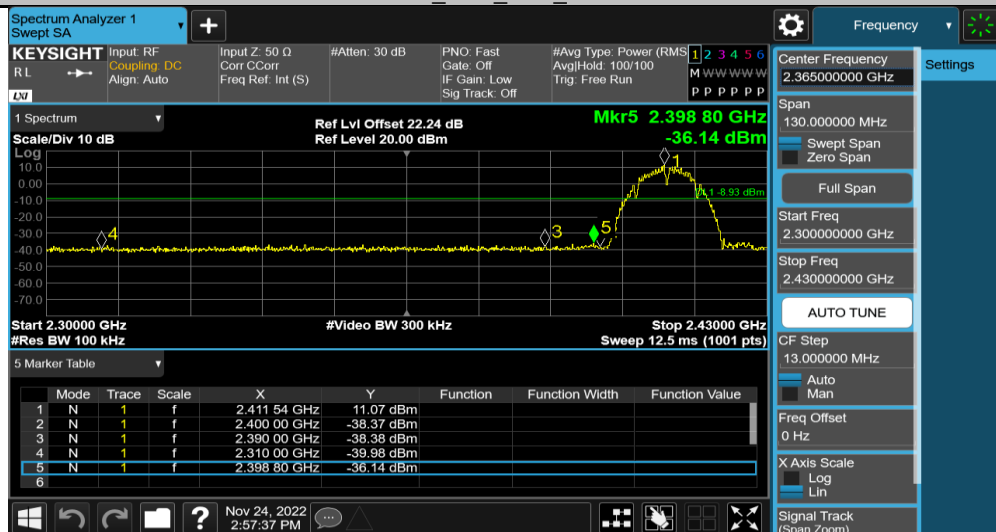


Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

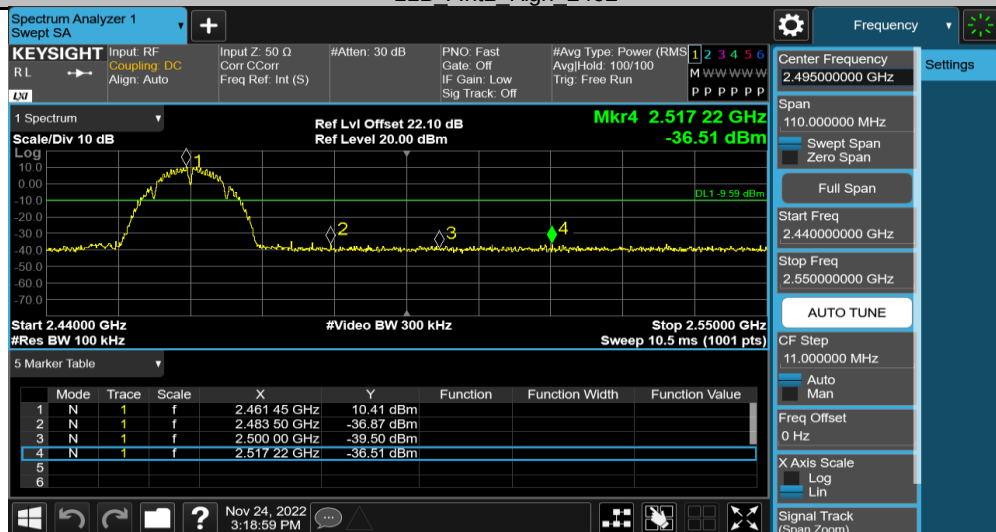
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	11.07	-36.14	≤-8.93	PASS
		High	2462	10.41	-36.51	≤-9.59	PASS
11G	Ant1	Low	2412	5.77	-21.42	≤-14.23	PASS
		High	2462	6.91	-35.22	≤-13.09	PASS
11N20SISO	Ant1	Low	2412	7.65	-22.06	≤-12.35	PASS
		High	2462	7.85	-30.29	≤-12.15	PASS
11N40SISO	Ant1	Low	2422	4.55	-23.04	≤-15.45	PASS
		High	2452	4.28	-28.38	≤-15.72	PASS

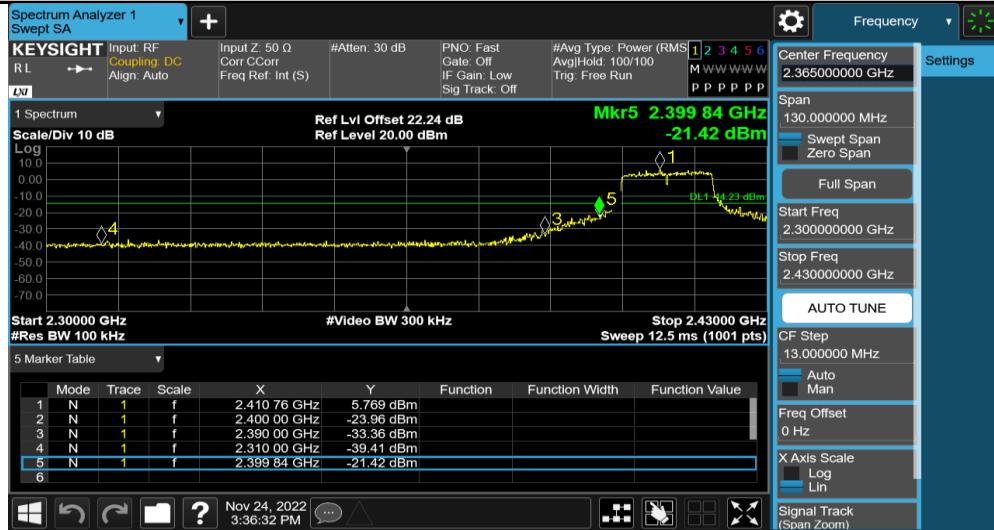
11B_Ant1_Low_2412



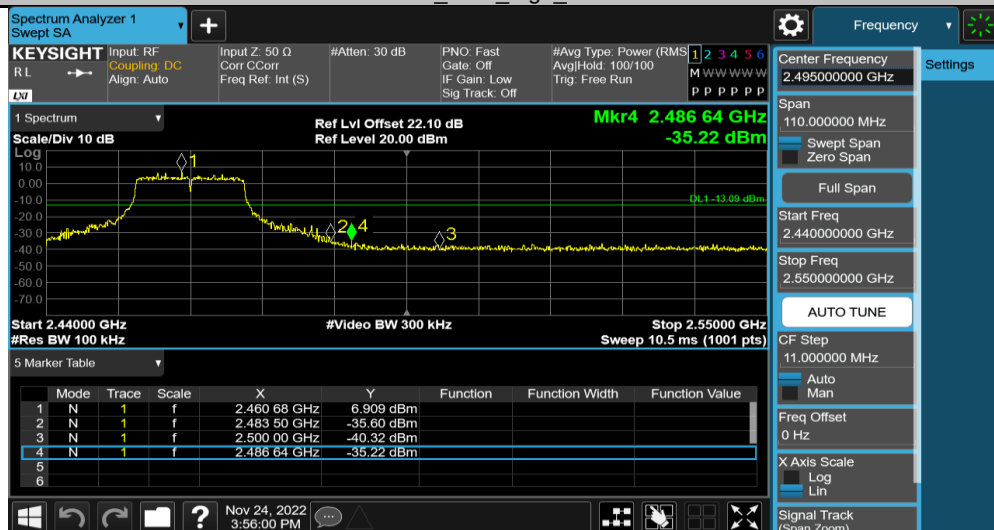
11B_Ant1_High_2462



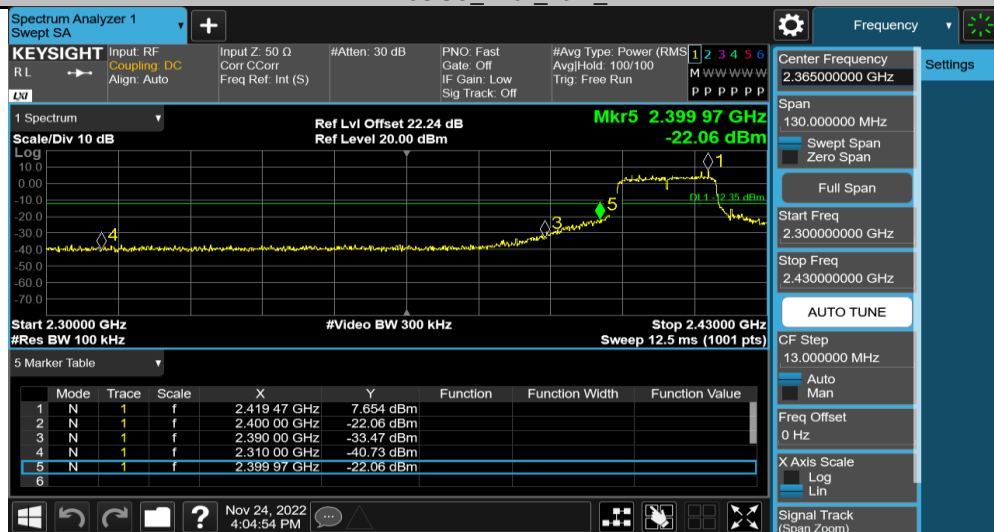
11G_Ant1_Low_2412



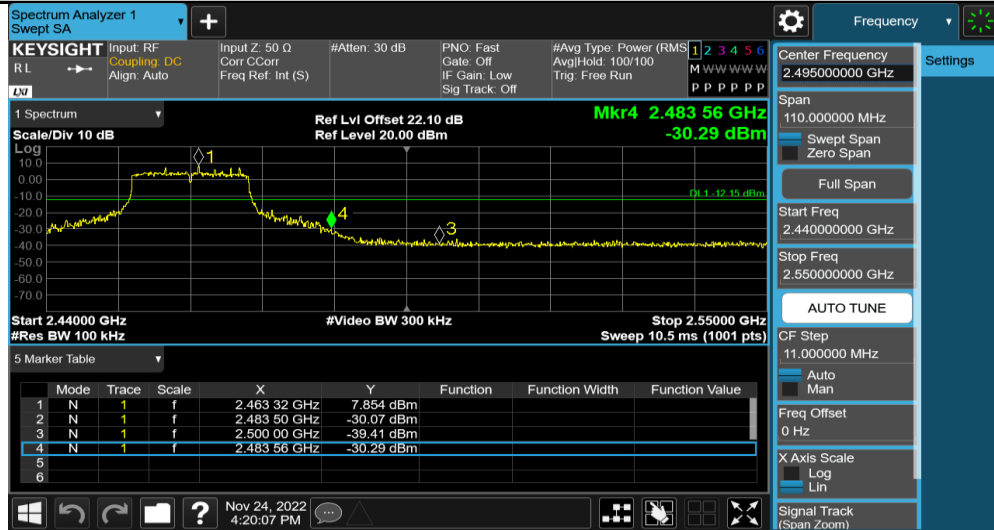
11G_Ant1_High_2462



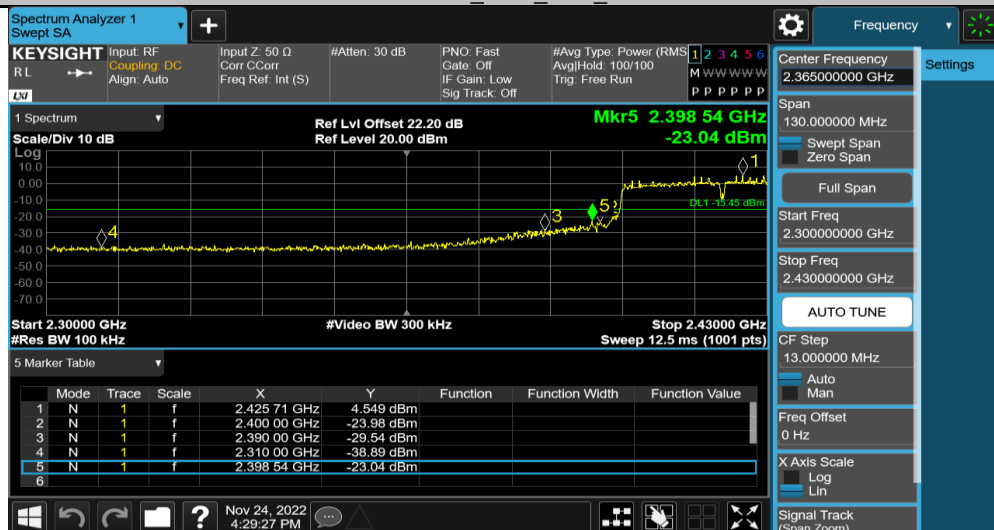
11N20ISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

