

Appendix A: Test Results of 2.4GHz Wi-Fi

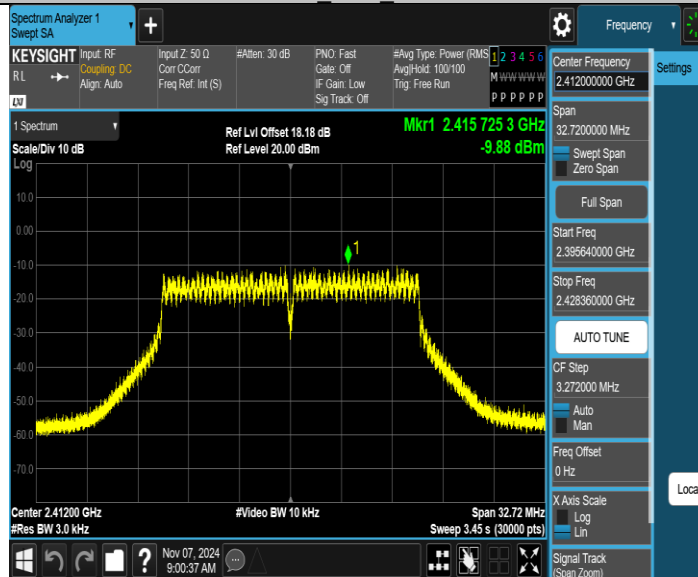
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Appendix A.1: Test Results of Conducted Power Spectral Density

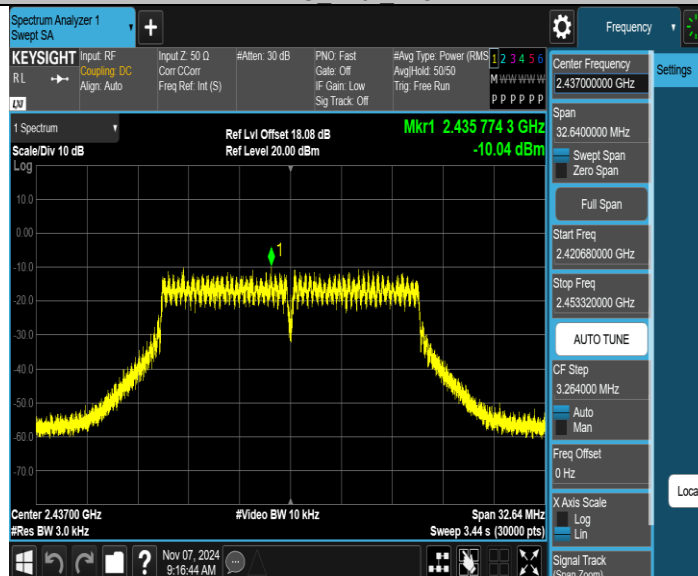
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.88	≤8.00	PASS
		2437	-4.96	≤8.00	PASS
		2462	-6.17	≤8.00	PASS
11G	Ant1	2412	-9.88	≤8.00	PASS
		2437	-10.04	≤8.00	PASS
		2462	-10.54	≤8.00	PASS
11N20SISO	Ant1	2412	-10.57	≤8.00	PASS
		2437	-10.41	≤8.00	PASS
		2462	-10.49	≤8.00	PASS
11N40SISO	Ant1	2422	-12.14	≤8.00	PASS
		2437	-12.21	≤8.00	PASS
		2452	-12.46	≤8.00	PASS



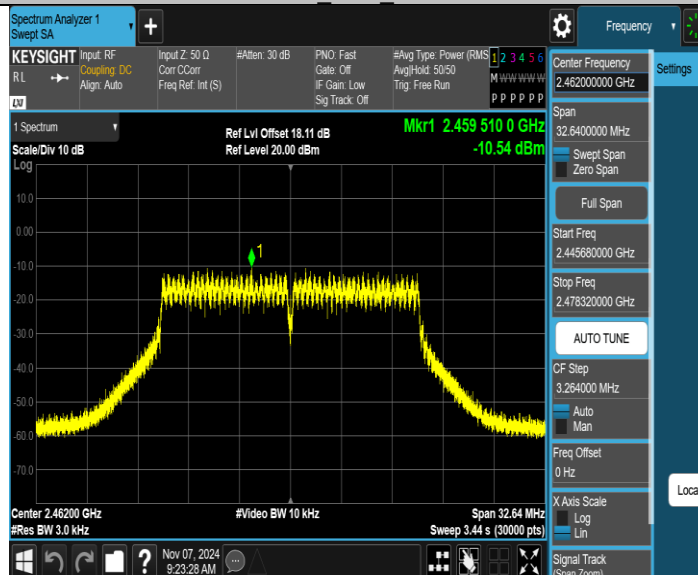
11G Ant1 2412



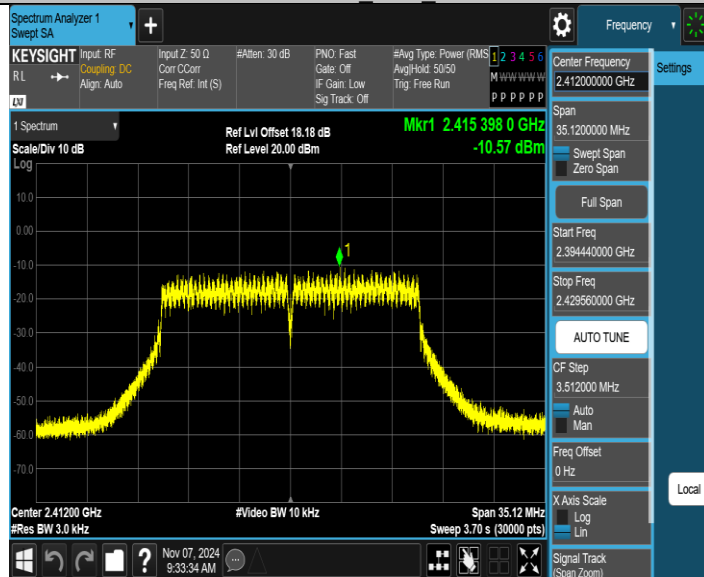
11G Ant1 2437



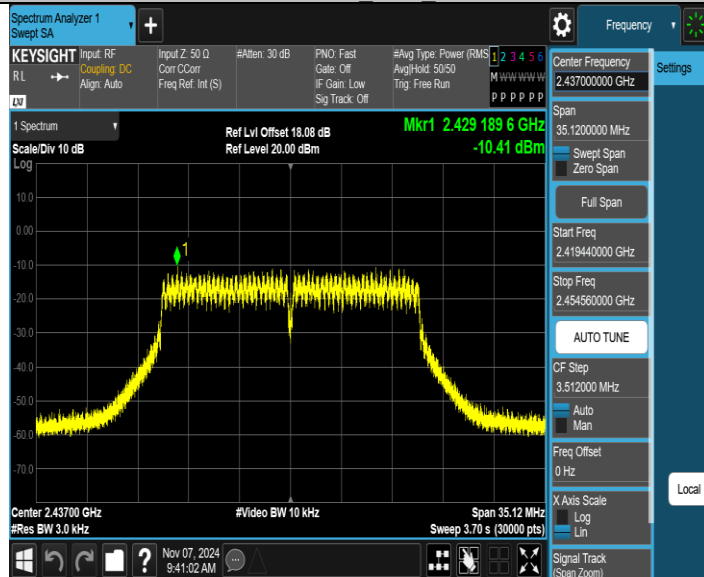
11G Ant1 2462



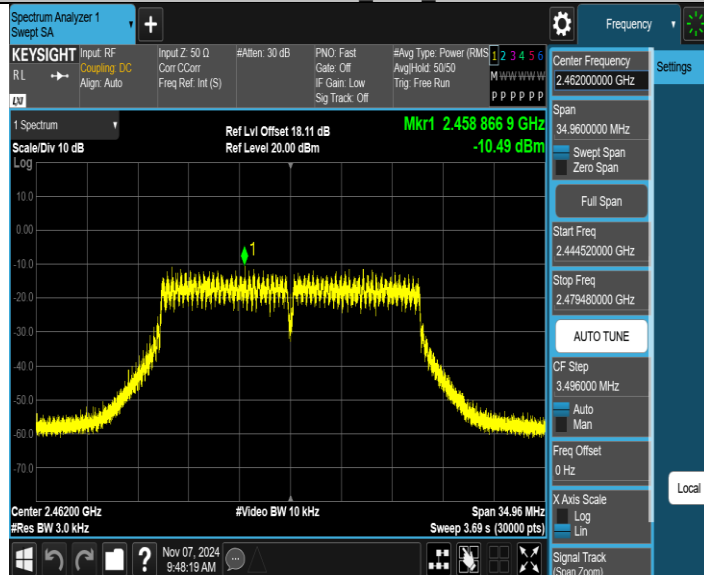
11N20SISO Ant1 2412



11N20SISO Ant1 2437



11N20SISO Ant1 2462





Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.040	2408.000	2416.040	0.5	PASS
		2437	7.560	2433.000	2440.560	0.5	PASS
		2462	9.040	2457.440	2466.480	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	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	2428.200	2445.760	0.5	PASS
		2462	17.480	2453.240	2470.720	0.5	PASS
11N40SISO	Ant1	2422	34.640	2405.120	2439.760	0.5	PASS
		2437	35.680	2419.080	2454.760	0.5	PASS
		2452	35.280	2434.240	2469.520	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



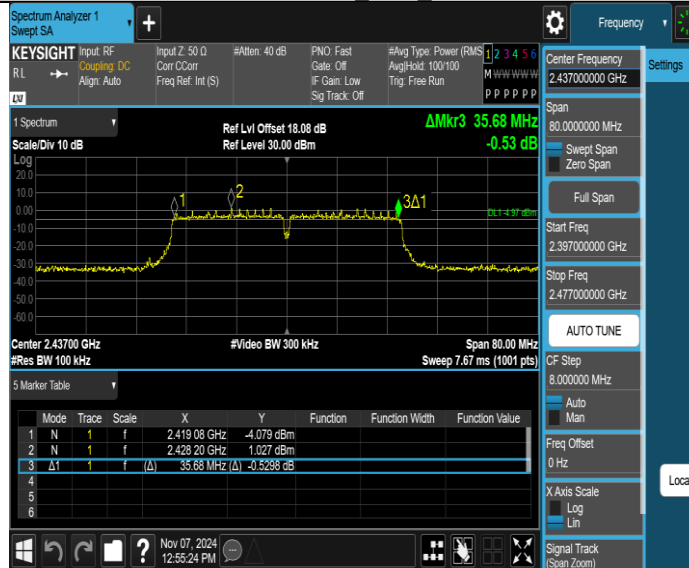
11N20SISO Ant1 2462



11N40SISO Ant1 2422



11N40SISO Ant1 2437



11N40SISO Ant1 2452



Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.694	2405.2322	2418.9262	---	PASS
		2437	13.750	2430.1159	2443.8659	---	PASS
		2462	13.775	2455.0861	2468.8611	---	PASS
11G	Ant1	2412	17.035	2403.5430	2420.5780	---	PASS
		2437	17.138	2428.3875	2445.5255	---	PASS
		2462	17.102	2453.4158	2470.5178	---	PASS
11N20SISO	Ant1	2412	18.025	2403.0509	2421.0759	---	PASS
		2437	18.146	2427.9627	2446.1087	---	PASS
		2462	18.098	2452.9225	2471.0205	---	PASS
11N40SISO	Ant1	2422	36.294	2403.9177	2440.2117	---	PASS
		2437	36.508	2418.8011	2455.3091	---	PASS
		2452	36.443	2433.7500	2470.1930	---	PASS







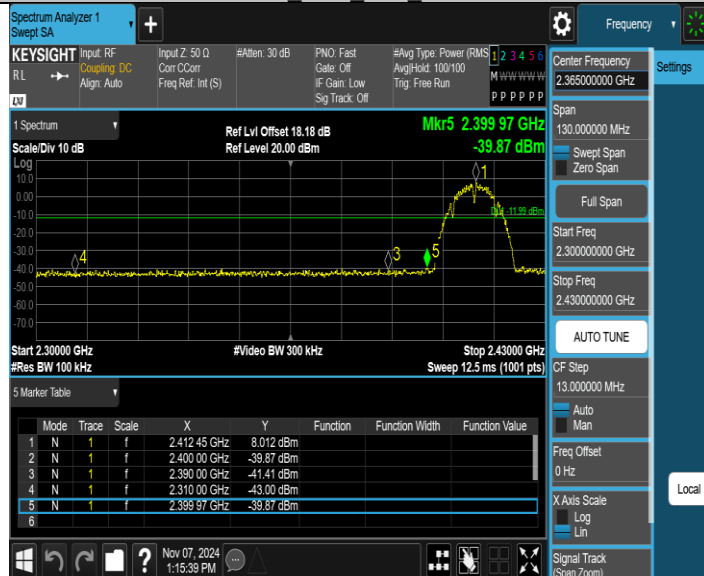


Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Band Edge

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.01	-39.87	≤-11.99	PASS
		High	2462	7.29	-39.53	≤-12.71	PASS
11G	Ant1	Low	2412	3.85	-35.9	≤-16.15	PASS
		High	2462	3.33	-39.62	≤-16.67	PASS
11N20SISO	Ant1	Low	2412	4.13	-35.82	≤-15.87	PASS
		High	2462	3.53	-39.39	≤-16.47	PASS
11N40SISO	Ant1	Low	2422	1.04	-33.73	≤-18.96	PASS
		High	2452	1.57	-40.08	≤-18.43	PASS

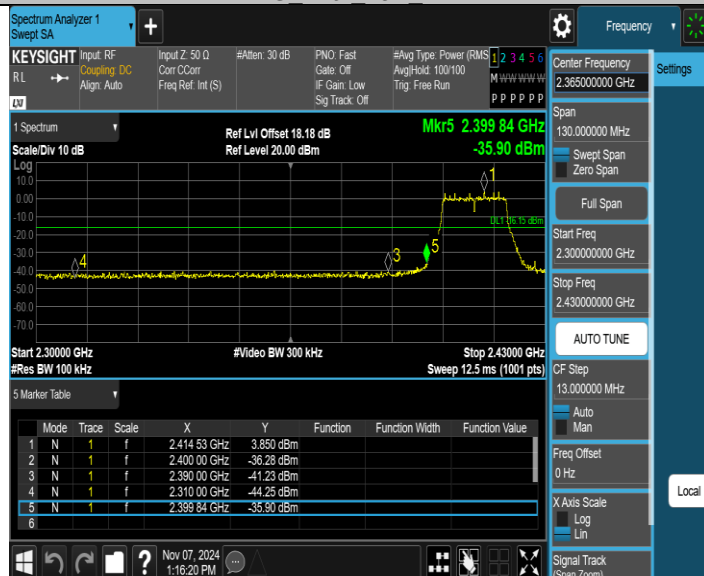
11B Ant1 Low 2412



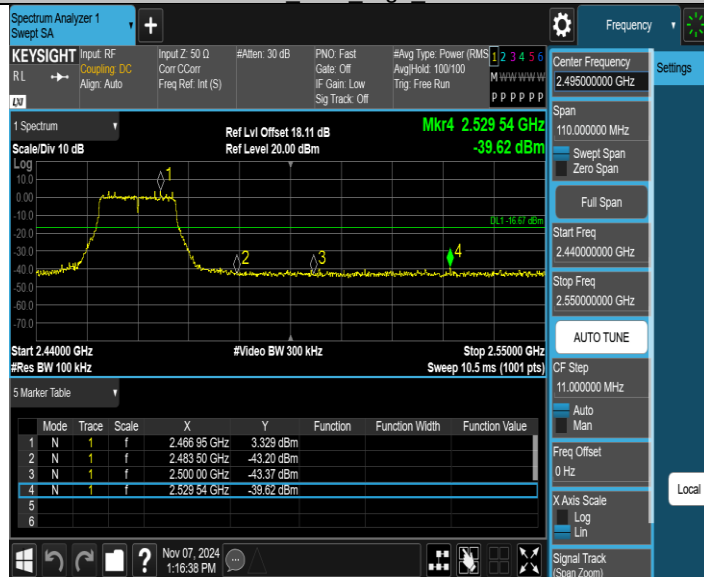
11B Ant1 High 2462



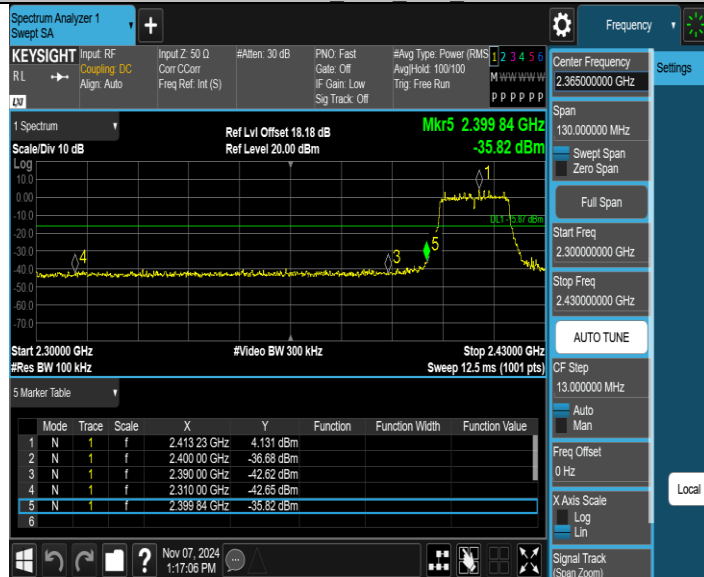
11G Ant1 Low 2412



11G Ant1 High 2462



11N20SISO Ant1 Low 2412



11N20SISO Ant1 High 2462



