

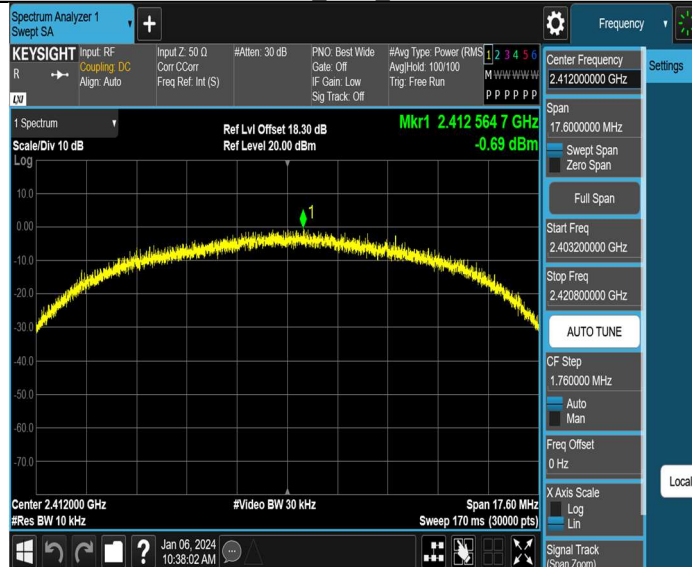
Appendix A: Test Results of Wi-Fi 802.11 b/g/n

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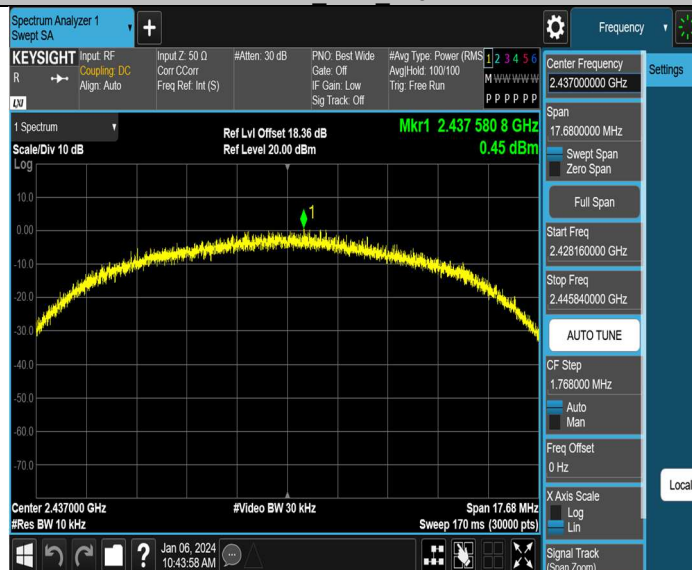
Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-0.69	≤8.00	PASS
		2437	0.45	≤8.00	PASS
		2462	0.74	≤8.00	PASS
11G	Ant1	2412	-6.32	≤8.00	PASS
		2437	-5.31	≤8.00	PASS
		2462	-5.09	≤8.00	PASS
11N20SISO	Ant1	2412	-6.63	≤8.00	PASS
		2437	-5.45	≤8.00	PASS
		2462	-5.95	≤8.00	PASS

11B Ant1 2412



11B Ant1 2437



11B 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	8.800	2407.600	2416.400	0.5	PASS
		2437	8.840	2432.480	2441.320	0.5	PASS
		2462	9.520	2457.280	2466.800	0.5	PASS
11G	Ant1	2412	15.800	2404.360	2420.160	0.5	PASS
		2437	15.120	2429.440	2444.560	0.5	PASS
		2462	15.040	2454.480	2469.520	0.5	PASS
11N20SISO	Ant1	2412	15.440	2404.440	2419.880	0.5	PASS
		2437	15.360	2429.200	2444.560	0.5	PASS
		2462	15.120	2454.440	2469.560	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



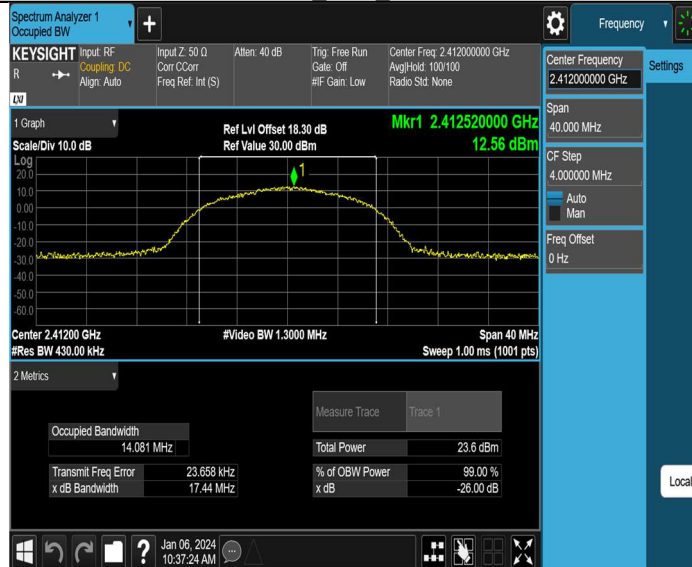
11N20SISO Ant1 2462



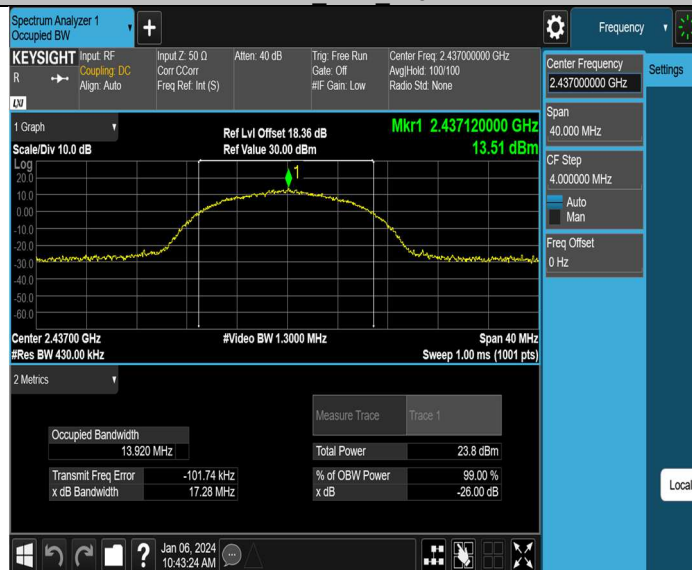
Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	14.081	2404.9832	2419.0642	---	PASS
		2437	13.920	2429.9383	2443.8583	---	PASS
		2462	13.851	2455.0626	2468.9136	---	PASS
11G	Ant1	2412	16.686	2403.6859	2420.3719	---	PASS
		2437	16.611	2428.6462	2445.2572	---	PASS
		2462	16.547	2453.7672	2470.3142	---	PASS
11N20SISO	Ant1	2412	17.812	2403.0858	2420.8978	---	PASS
		2437	17.708	2428.0985	2445.8065	---	PASS
		2462	17.626	2453.1748	2470.8008	---	PASS

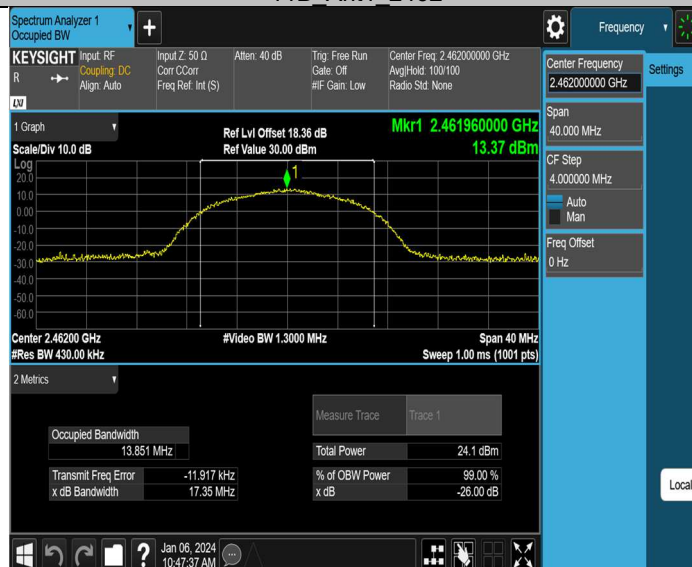
11B Ant1 2412

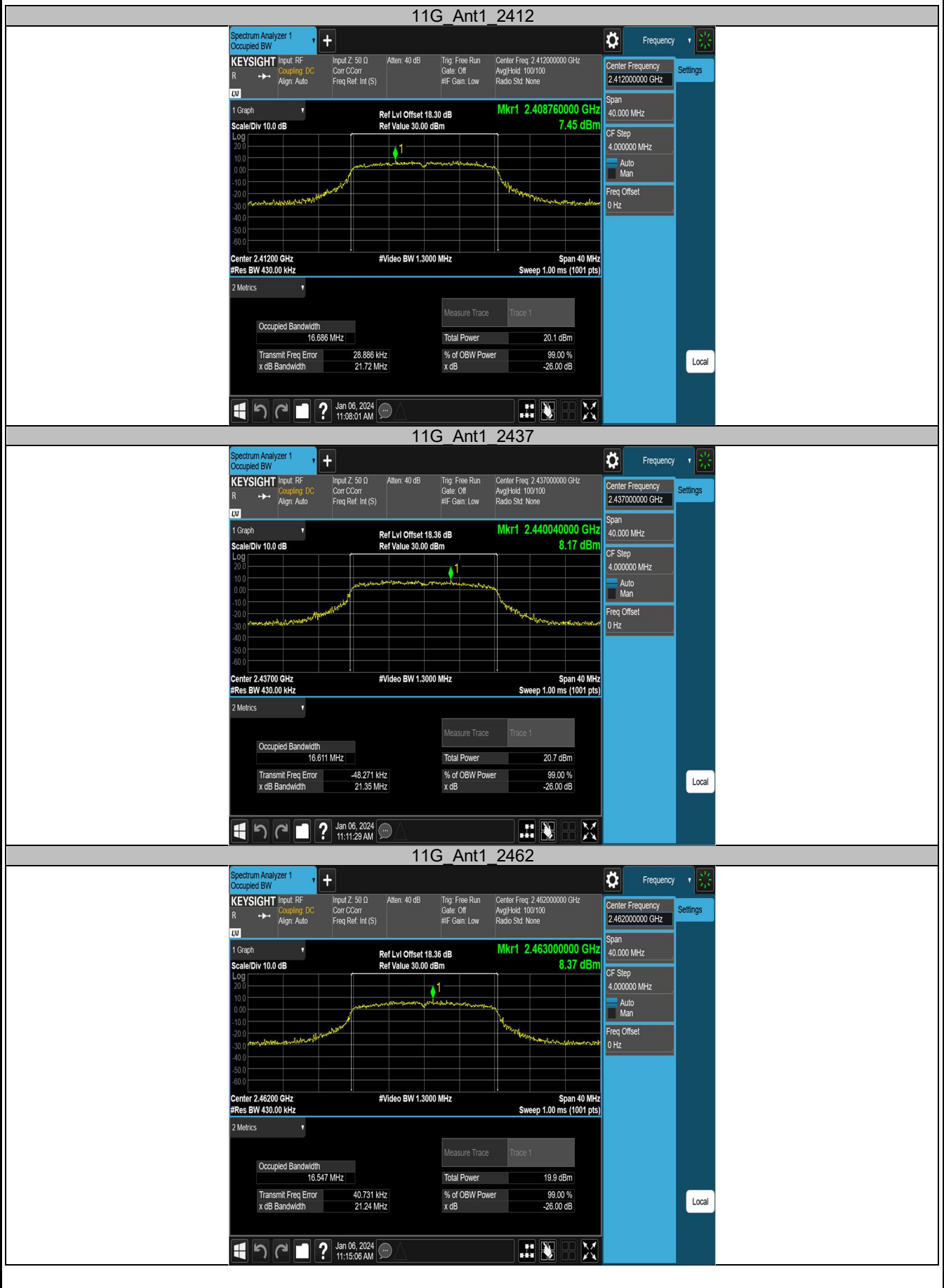


11B Ant1 2437



11B Ant1 2462







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	8.92	-33.89	≤-11.08	PASS
		High	2462	10.34	-40.17	≤-9.66	PASS
11G	Ant1	Low	2412	3.51	-32.06	≤-16.49	PASS
		High	2462	3.89	-39.83	≤-16.11	PASS
11N20SISO	Ant1	Low	2412	1.63	-31.24	≤-18.37	PASS
		High	2462	3.03	-40.18	≤-16.97	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

