

Appendix C: Test Results of 2.4GHz Wi-Fi

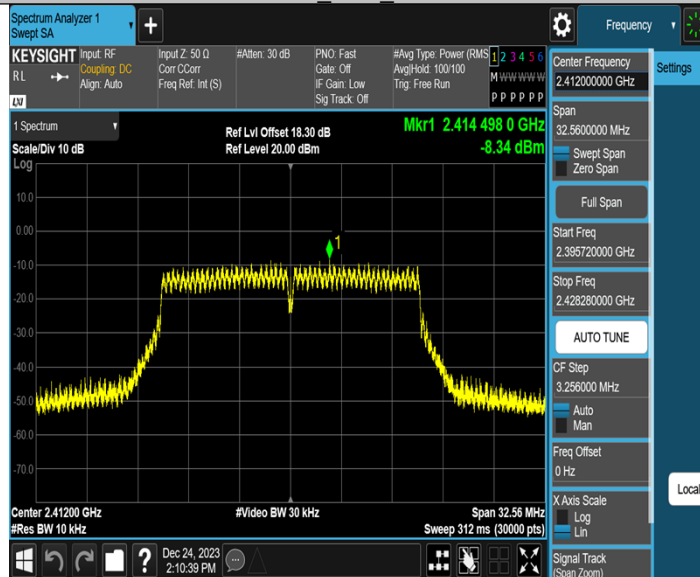
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Appendix C.1: Test Results of Conducted Power Spectral Density

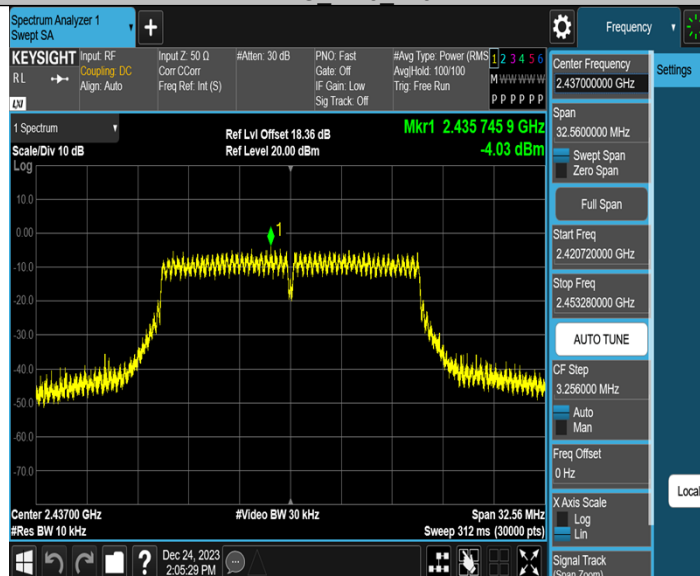
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant3	2412	-5.76	≤8.00	PASS
		2437	0.72	≤8.00	PASS
		2462	-1.86	≤8.00	PASS
11G	Ant3	2412	-8.34	≤8.00	PASS
		2437	-4.03	≤8.00	PASS
		2462	-6.87	≤8.00	PASS
11N20SISO	Ant3	2412	-7.69	≤8.00	PASS
		2437	-3.30	≤8.00	PASS
		2462	-7.09	≤8.00	PASS
11N40SISO	Ant3	2422	-5.18	≤8.00	PASS
		2437	-4.97	≤8.00	PASS
		2452	-6.18	≤8.00	PASS



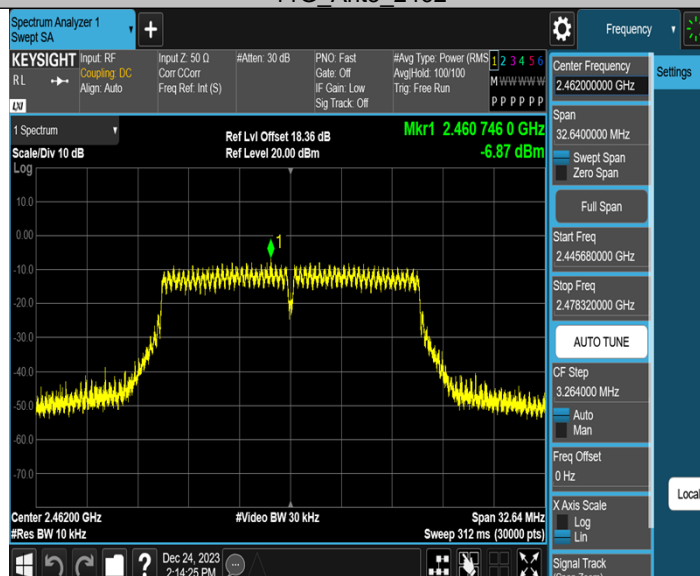
11G_Ant3_2412



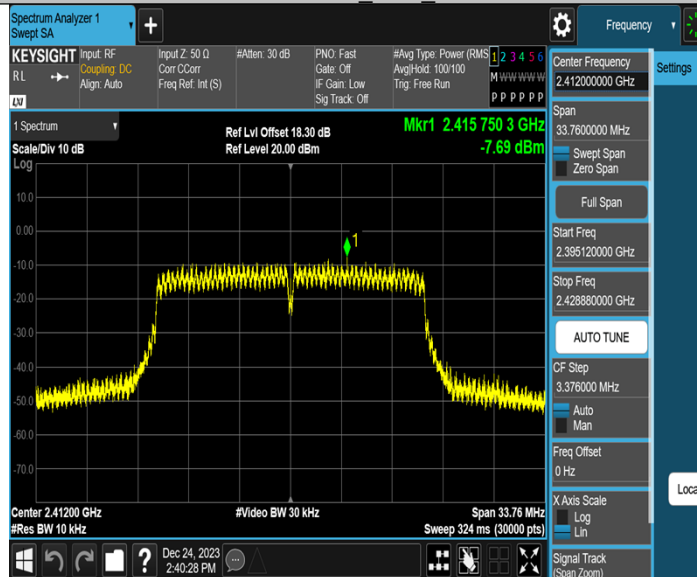
11G_Ant3_2437



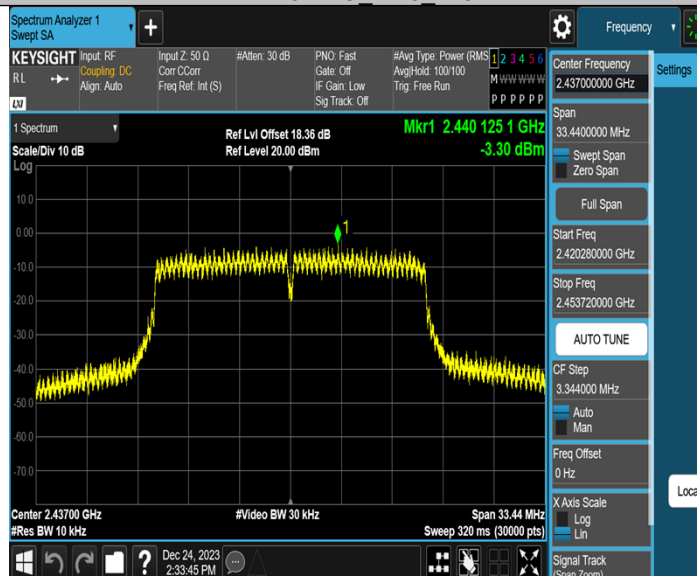
11G_Ant3_2462



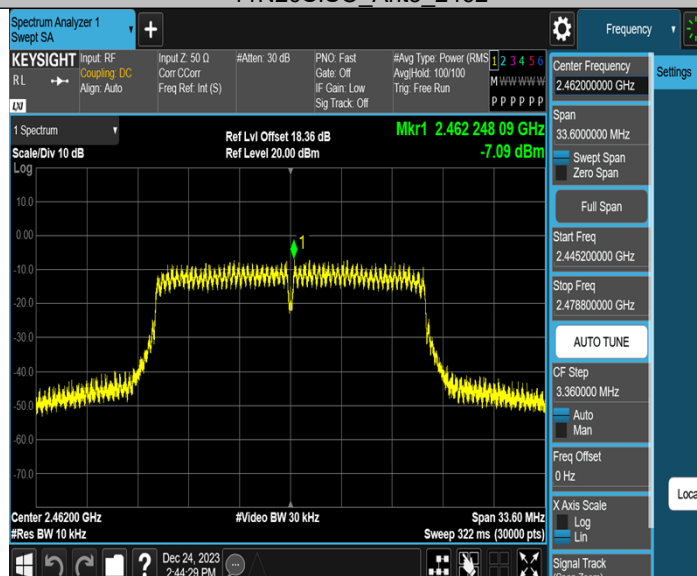
11N20SISO Ant3 2412



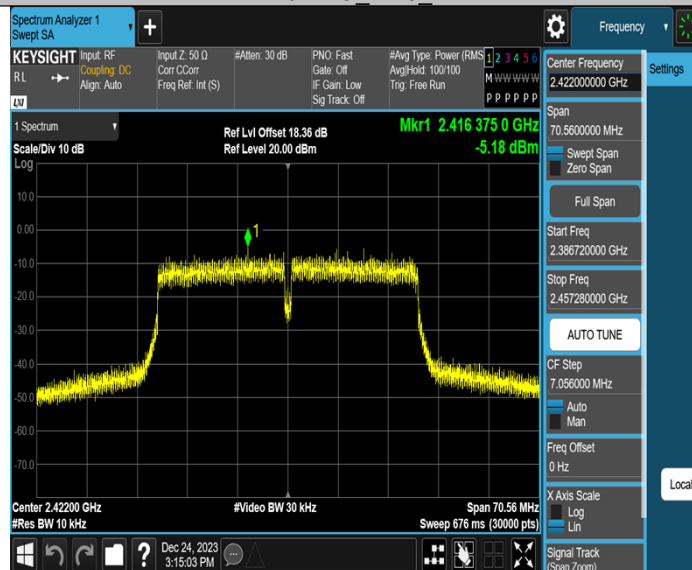
11N20SISO Ant3 2437



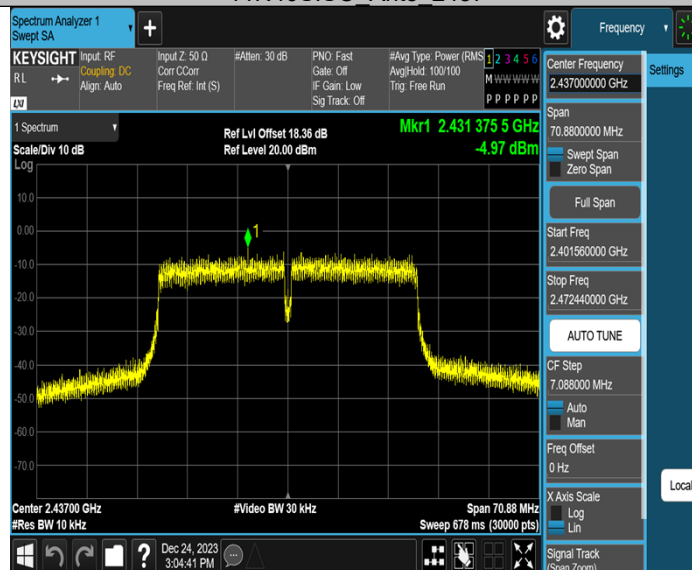
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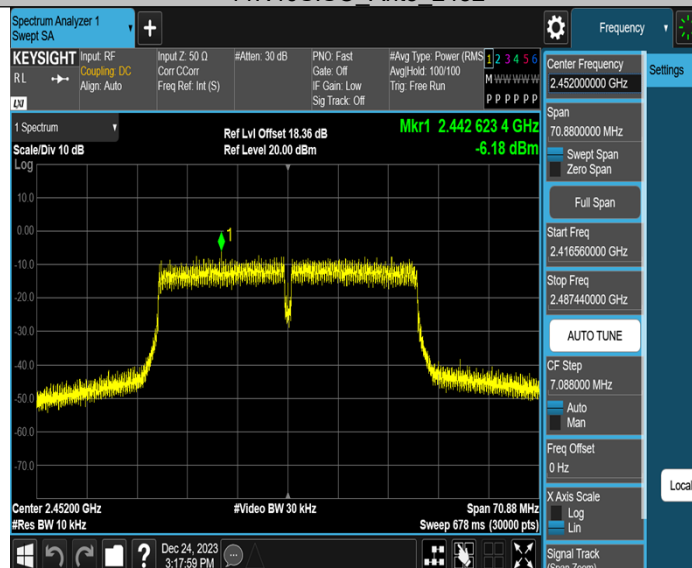
11N40SISO Ant3 2422



11N40SISO Ant3 2437



11N40SISO Ant3 2452



Appendix C.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant3	2412	8.560	2407.960	2416.520	0.5	PASS
		2437	8.120	2432.960	2441.080	0.5	PASS
		2462	8.560	2457.960	2466.520	0.5	PASS
11G	Ant3	2412	16.280	2403.880	2420.160	0.5	PASS
		2437	16.280	2428.880	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant3	2412	16.880	2403.520	2420.400	0.5	PASS
		2437	16.720	2428.760	2445.480	0.5	PASS
		2462	16.800	2453.600	2470.400	0.5	PASS
11N40SISO	Ant3	2422	35.280	2404.400	2439.680	0.5	PASS
		2437	35.440	2419.480	2454.920	0.5	PASS
		2452	35.440	2434.480	2469.920	0.5	PASS

11B_Ant3 2412

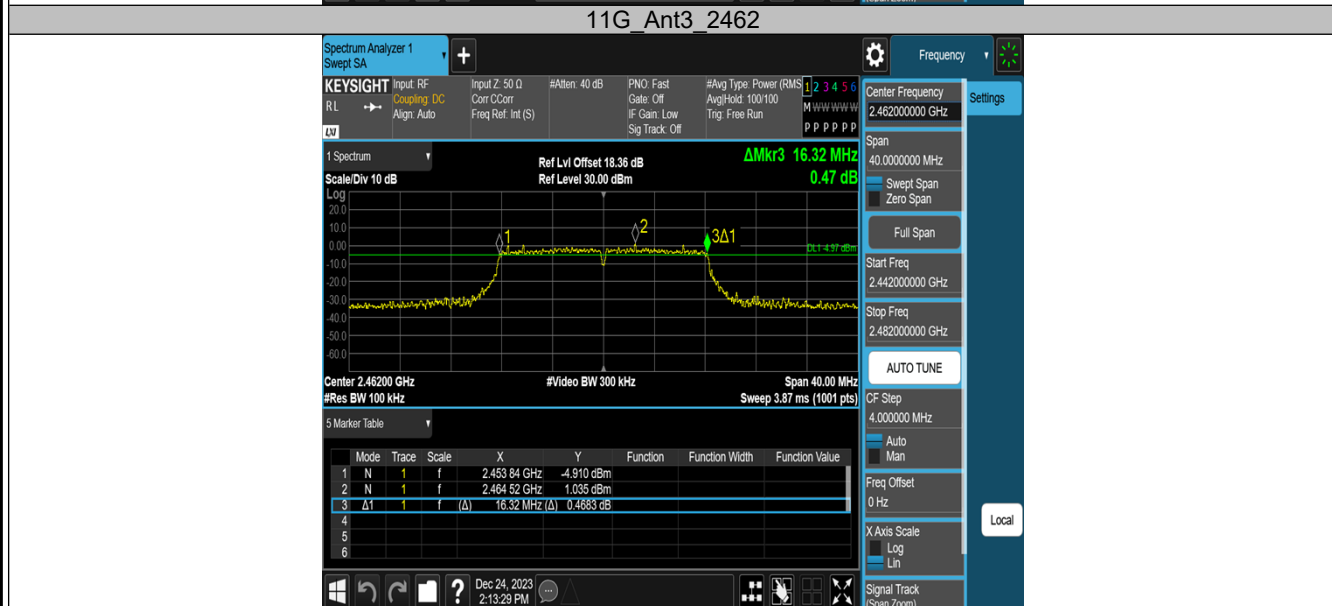


11B_Ant3 2437



11B_Ant3 2462





11N20SISO Ant3 2412



11N20SISO Ant3 2437



11N20SISO Ant3 2462



11N40SISO Ant3 2422



11N40SISO Ant3 2437

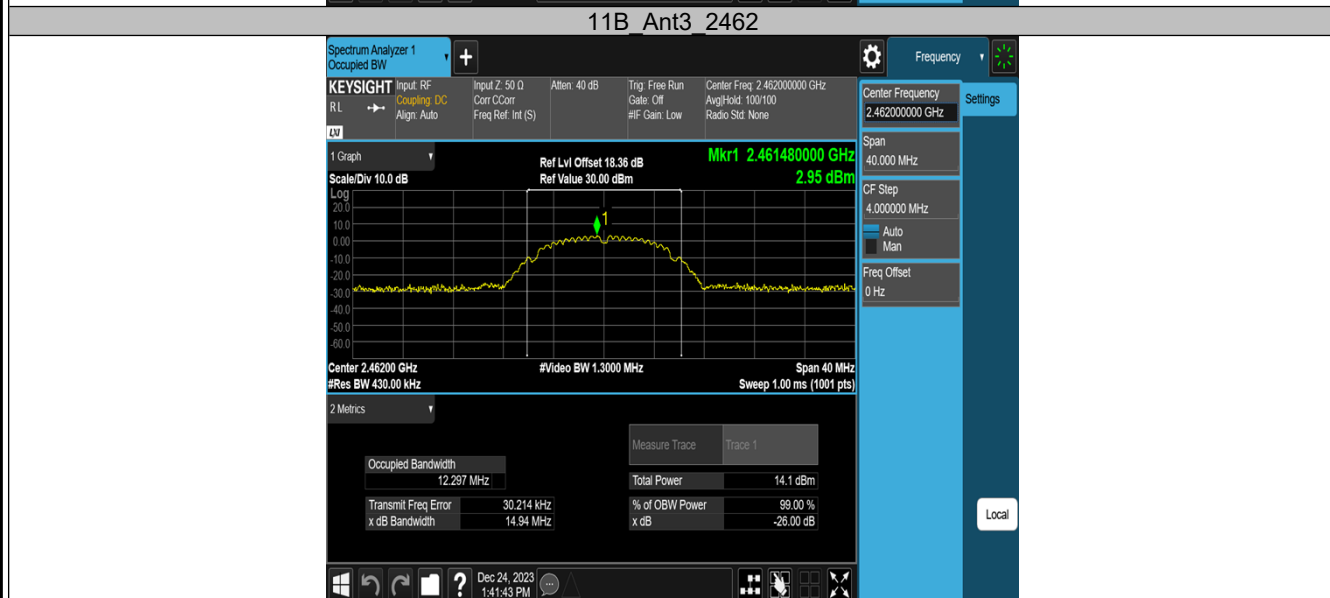


11N40SISO Ant3 2452

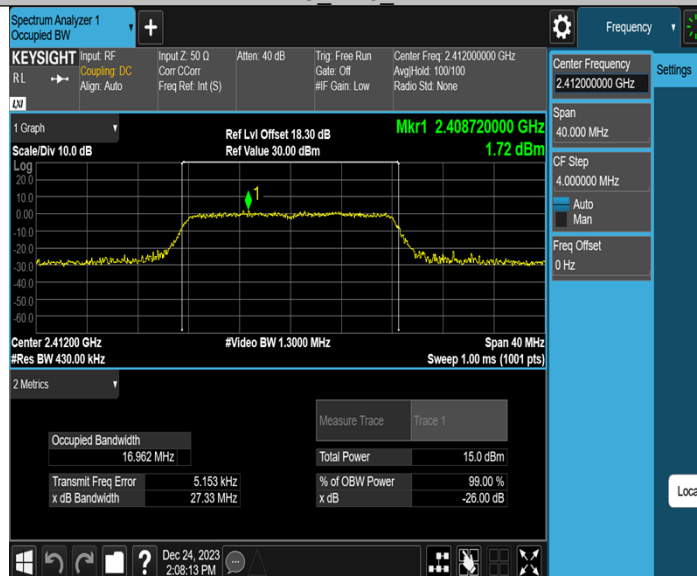


Appendix C.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant3	2412	12.536	2405.7568	2418.2928	---	PASS
		2437	11.956	2431.0481	2443.0041	---	PASS
		2462	12.297	2455.8817	2468.1787	---	PASS
11G	Ant3	2412	16.962	2403.5242	2420.4862	---	PASS
		2437	16.886	2428.6013	2445.4873	---	PASS
		2462	16.907	2453.5844	2470.4914	---	PASS
11N20SISO	Ant3	2412	17.764	2403.1366	2420.9006	---	PASS
		2437	17.747	2428.1466	2445.8936	---	PASS
		2462	17.718	2453.1378	2470.8558	---	PASS
11N40SISO	Ant3	2422	36.317	2403.9192	2440.2362	---	PASS
		2437	36.262	2418.9667	2455.2287	---	PASS
		2452	36.229	2433.9391	2470.1681	---	PASS



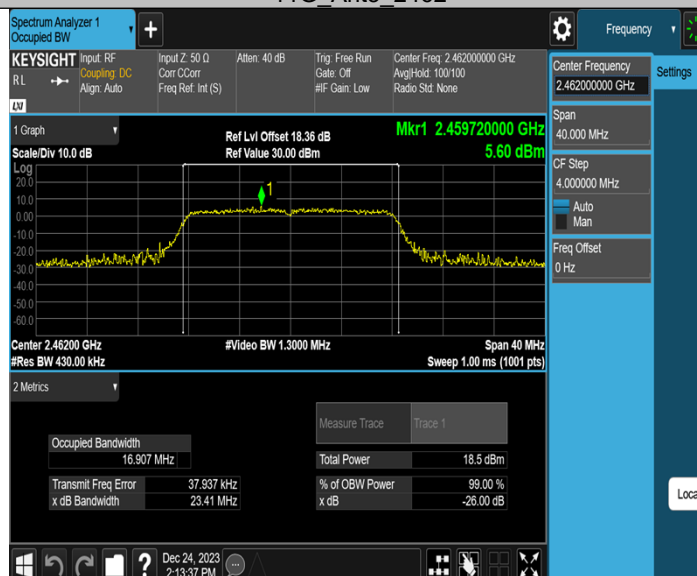
11G_Ant3_2412



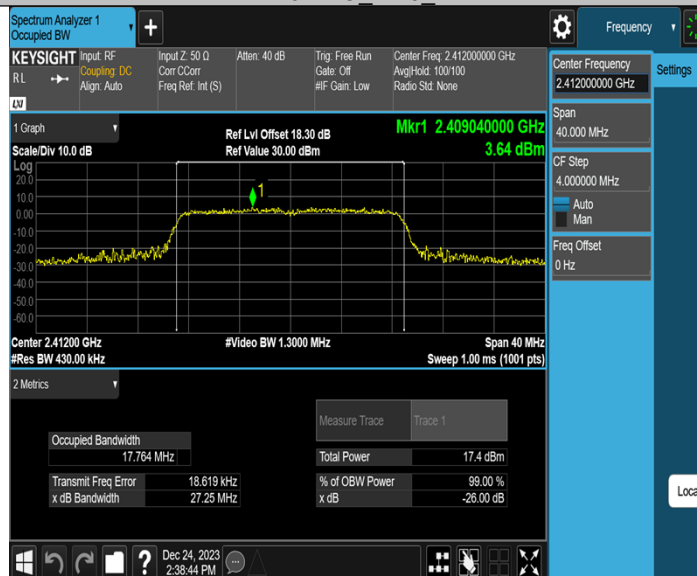
11G_Ant3_2437



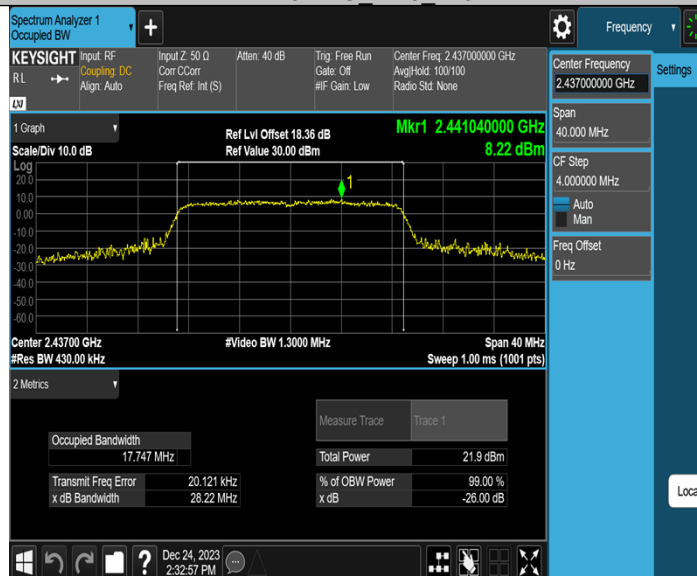
11G_Ant3_2462



11N20SISO Ant3 2412



11N20SISO Ant3 2437



11N20SISO Ant3 2462

