

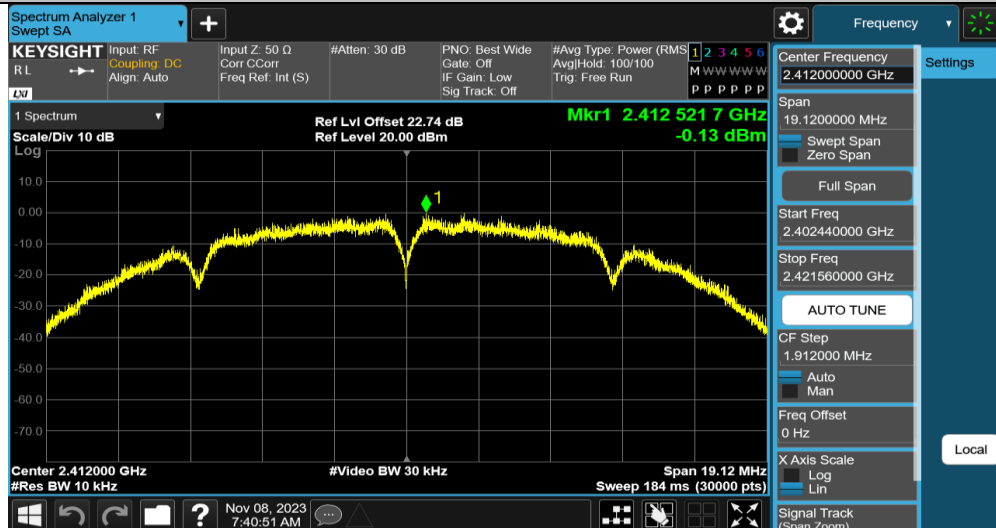
Appendix A: Test Results of 2.4GHz Wi-Fi

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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	Ant2	2412	-0.13	≤8.00	PASS
		2437	-0.22	≤8.00	PASS
		2462	-0.71	≤8.00	PASS
11G	Ant2	2412	-2.16	≤8.00	PASS
		2437	-1.91	≤8.00	PASS
		2462	-2.63	≤8.00	PASS
11N20SISO	Ant2	2412	-2.72	≤8.00	PASS
		2437	-2.61	≤8.00	PASS
		2462	-2.95	≤8.00	PASS
11N40SISO	Ant2	2422	-5.16	≤8.00	PASS
		2437	-5.01	≤8.00	PASS
		2452	-5.41	≤8.00	PASS

11B_Ant2_2412



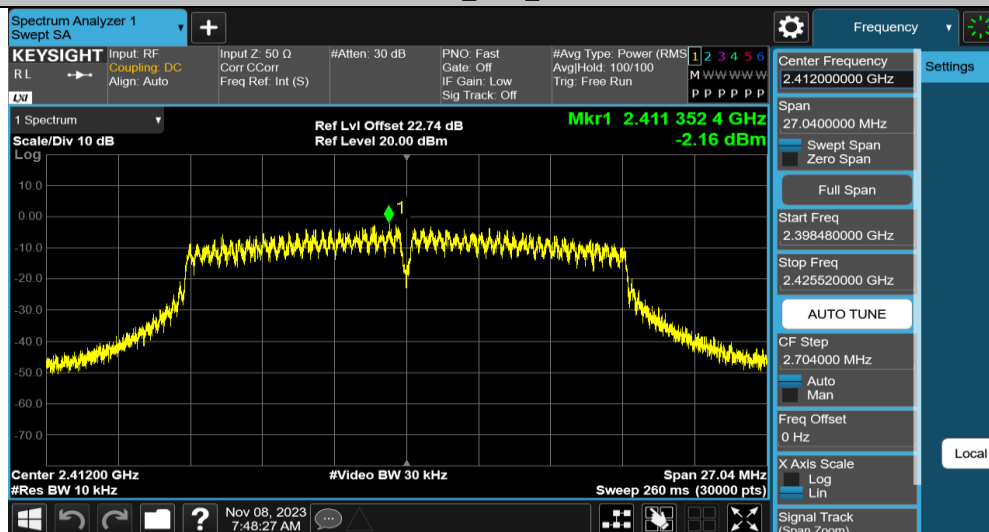
11B_Ant2_2437



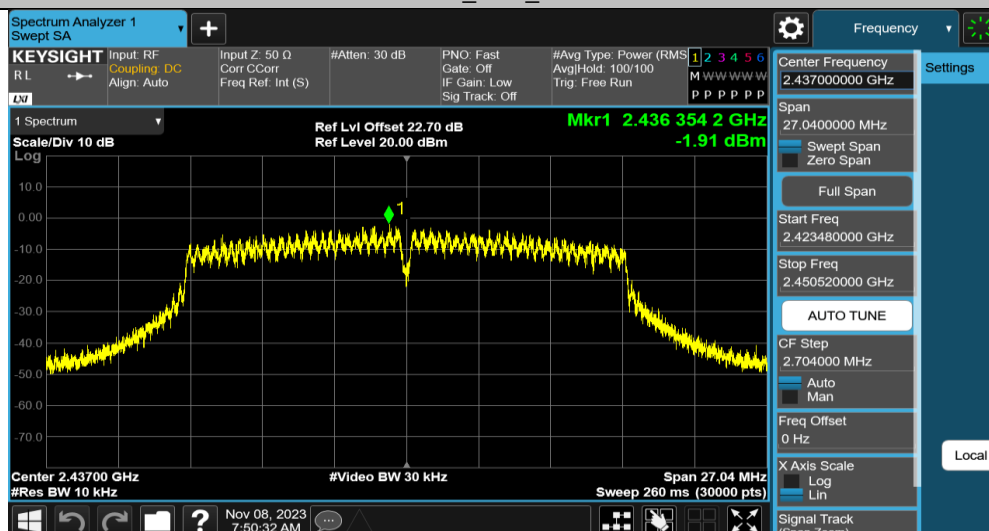
11B_Ant2_2462



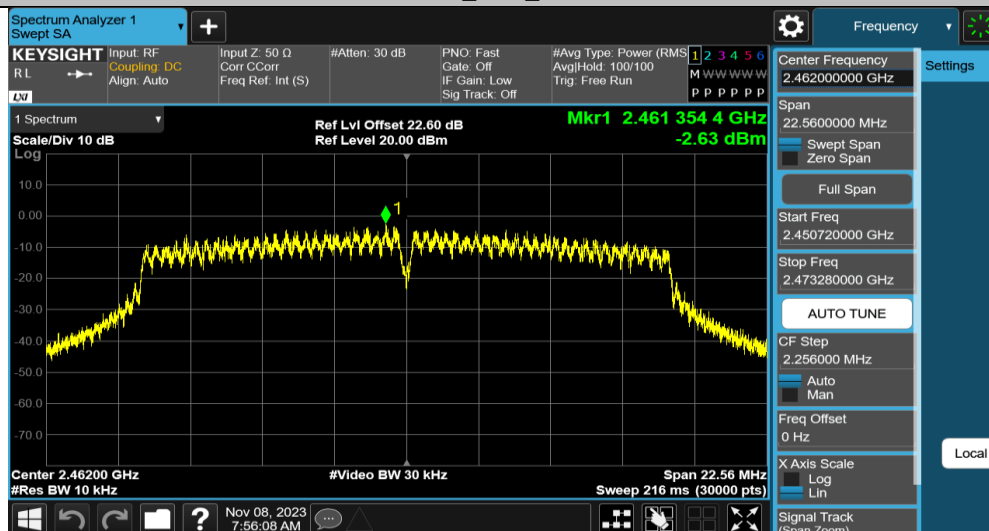
11G_Ant2_2412



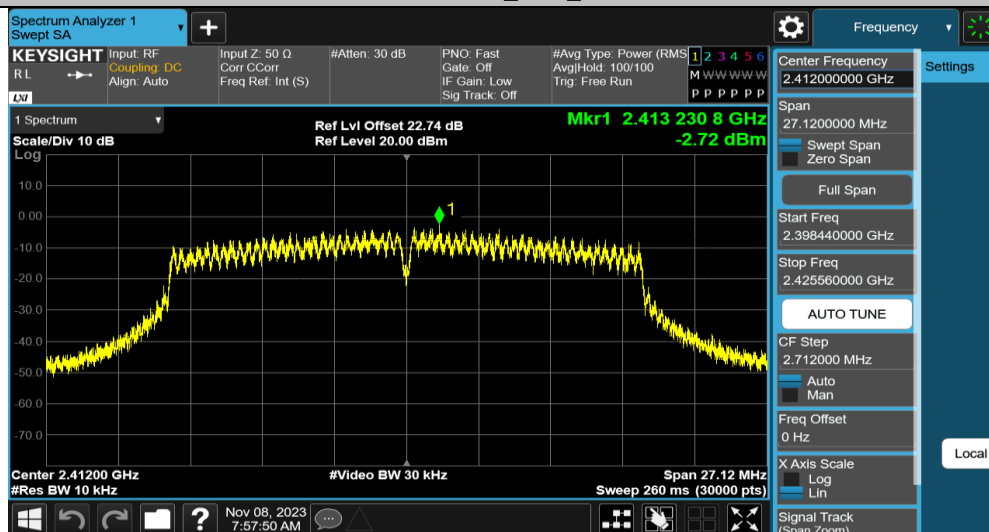
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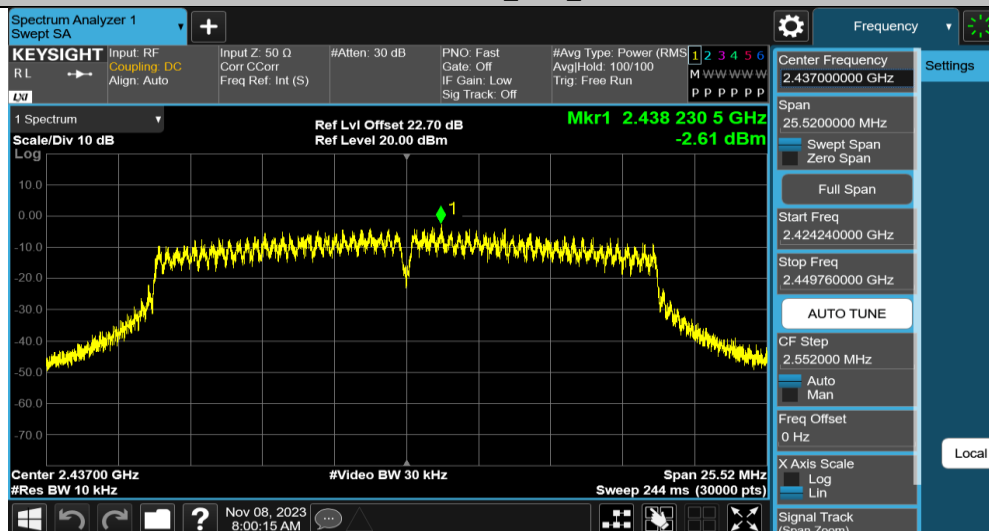
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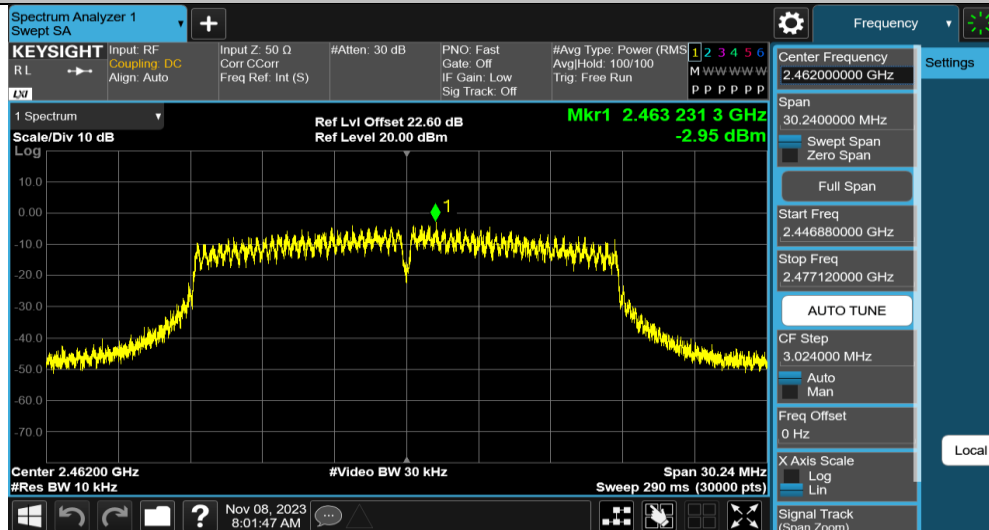
11N20SISO_Ant2_2412



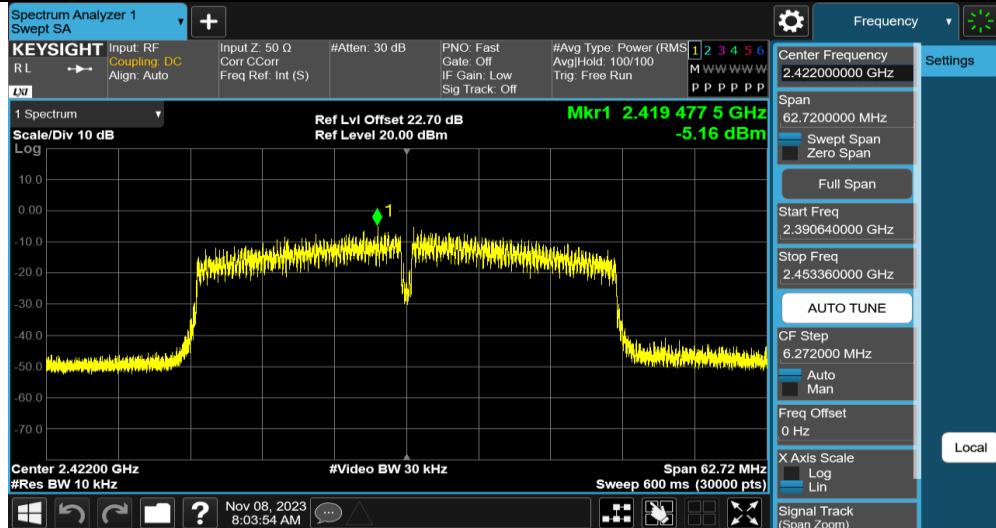
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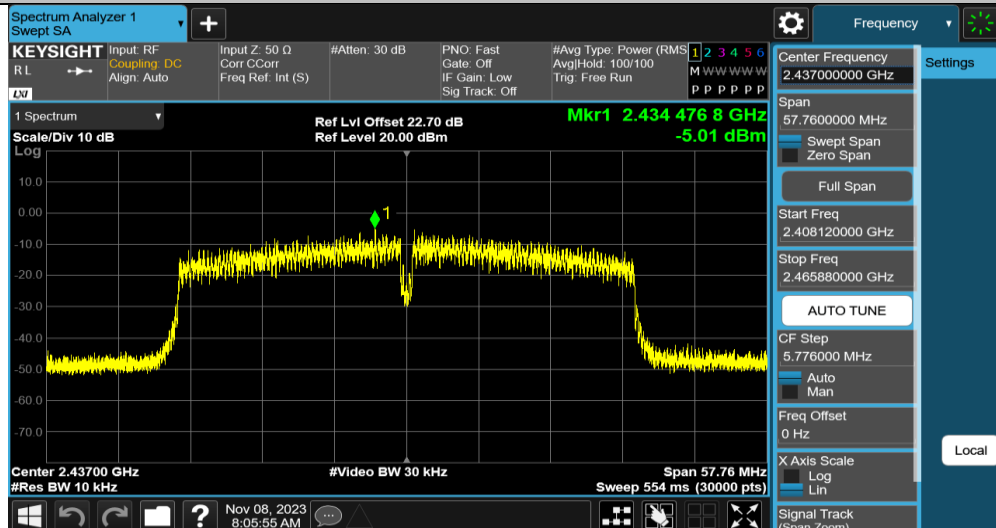
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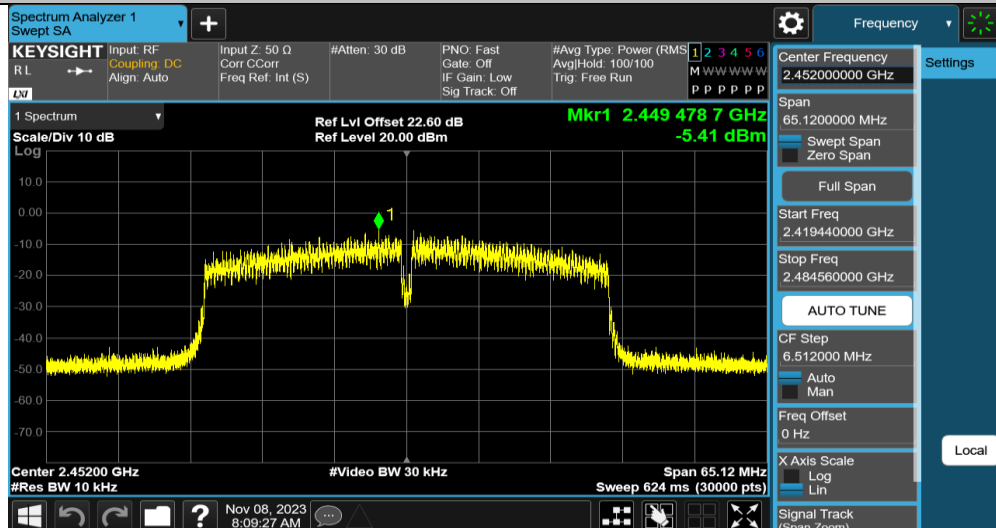
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



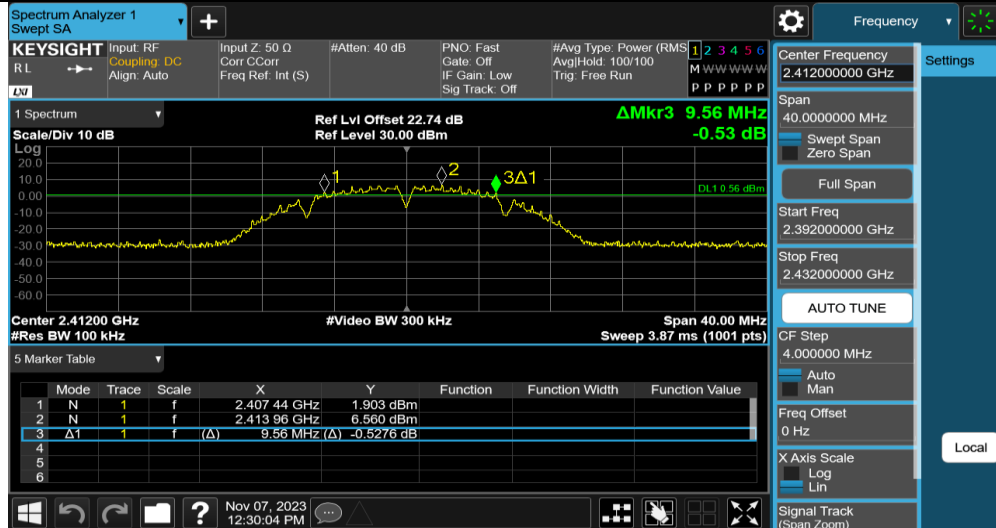
11N40SISO_Ant2_2452



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant2	2412	9.560	2407.440	2417.000	0.5	PASS
		2437	9.120	2432.440	2441.560	0.5	PASS
		2462	9.560	2457.440	2467.000	0.5	PASS
11G	Ant2	2412	13.520	2404.520	2418.040	0.5	PASS
		2437	13.520	2430.080	2443.600	0.5	PASS
		2462	11.280	2455.680	2466.960	0.5	PASS
11N20SISO	Ant2	2412	13.560	2405.960	2419.520	0.5	PASS
		2437	12.760	2430.720	2443.480	0.5	PASS
		2462	15.120	2454.440	2469.560	0.5	PASS
11N40SISO	Ant2	2422	31.360	2405.680	2437.040	0.5	PASS
		2437	28.880	2421.960	2450.840	0.5	PASS
		2452	32.560	2434.480	2467.040	0.5	PASS

11B_Ant2_2412



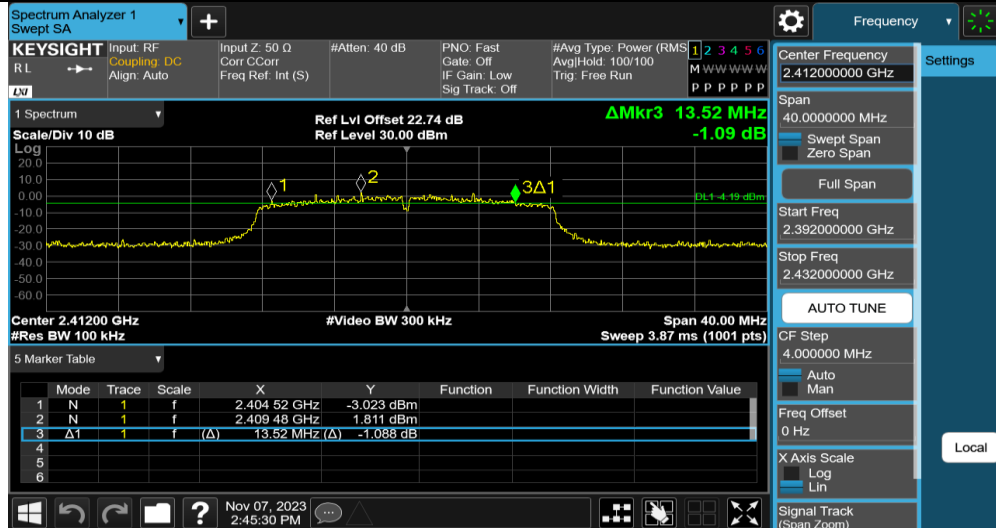
11B_Ant2_2437



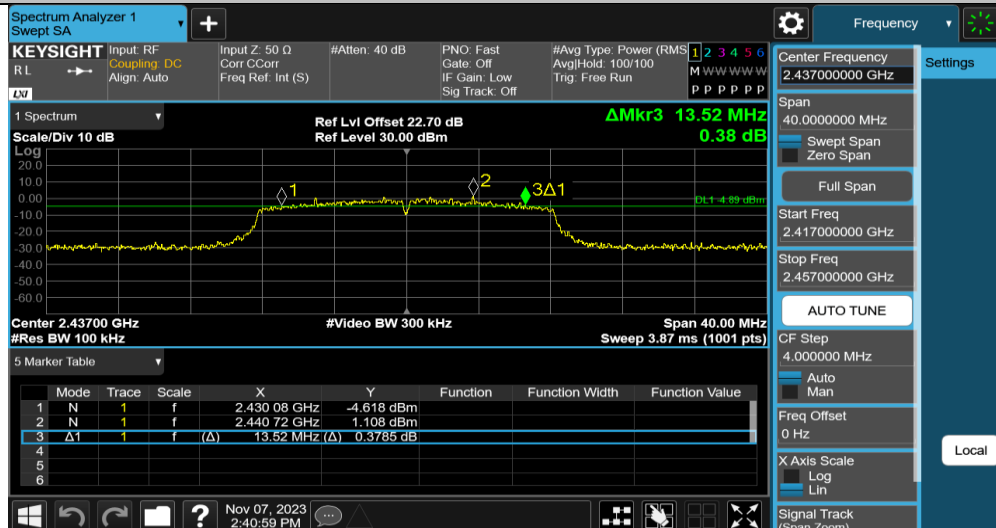
11B_Ant2_2462



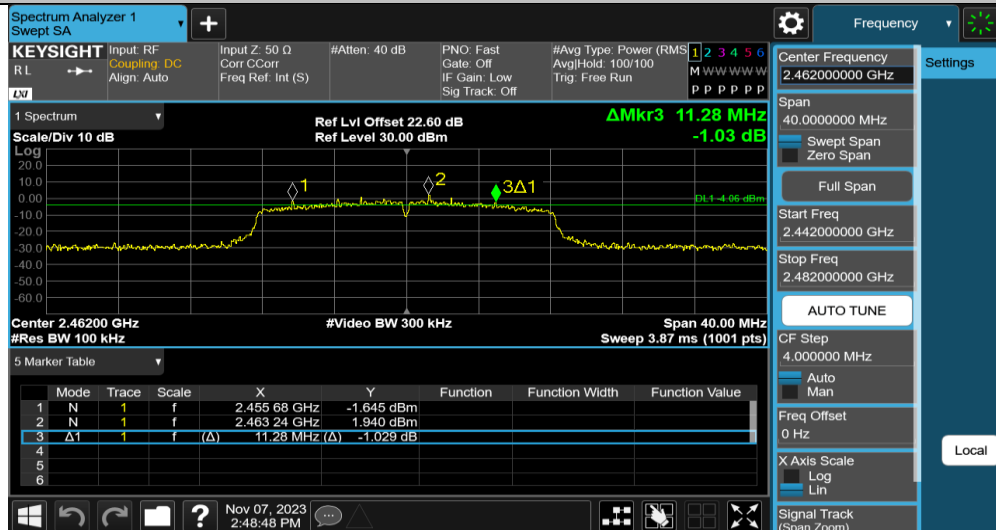
11G_Ant2_2412



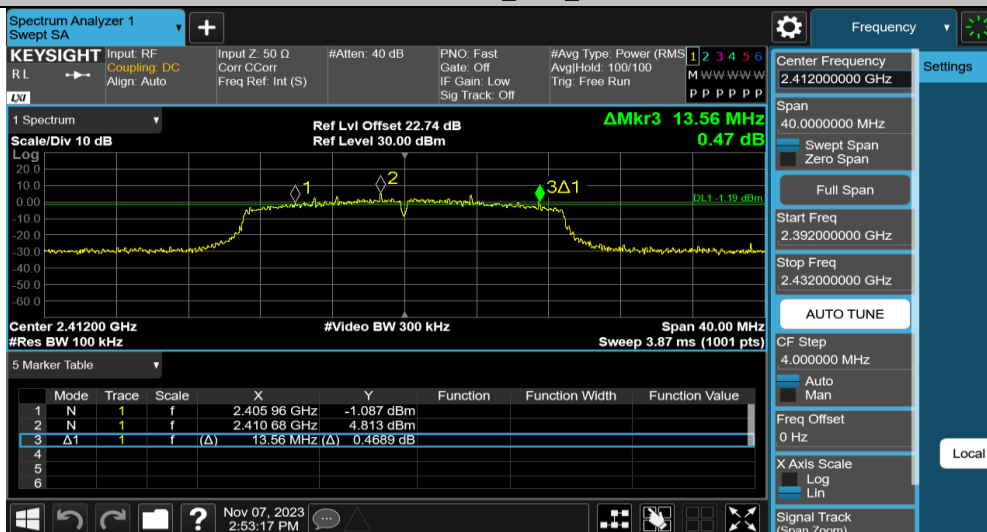
11G_Ant2_2437



11G_Ant2_2462



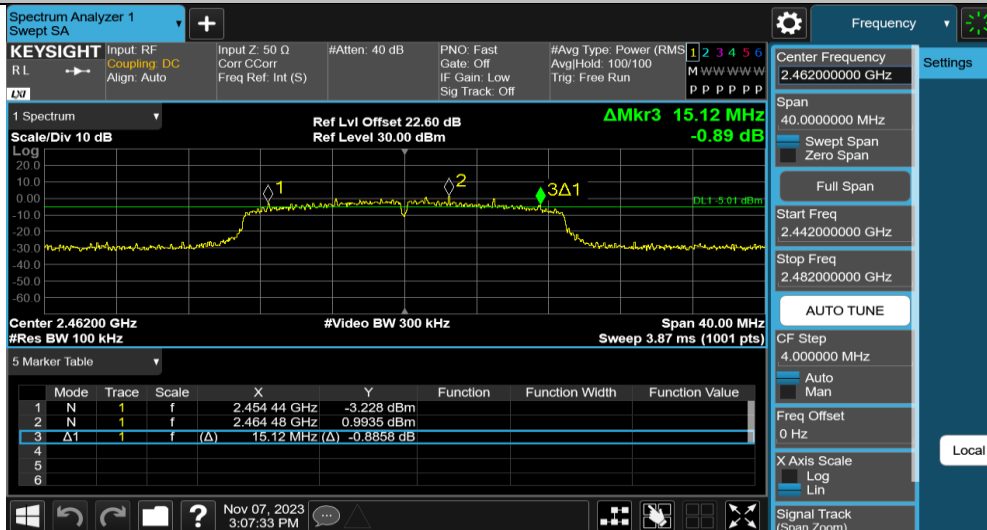
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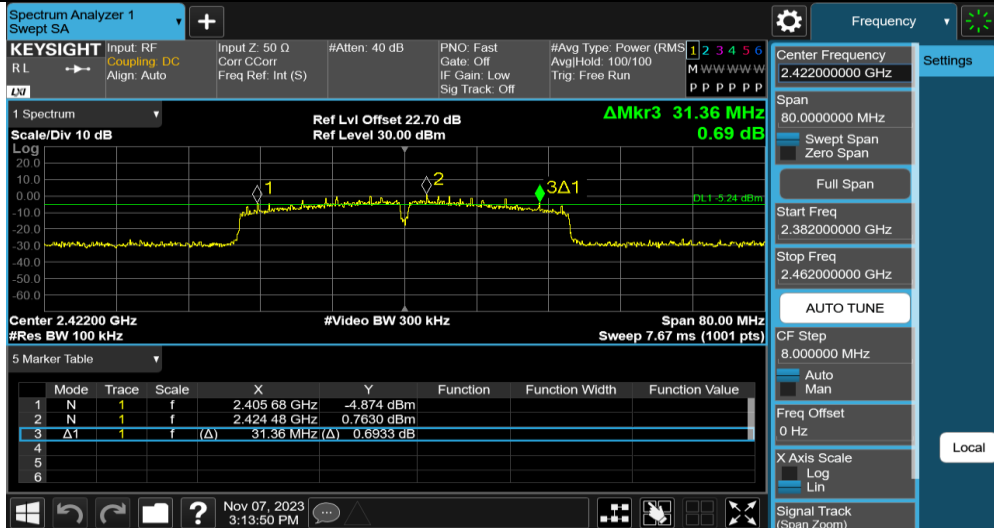
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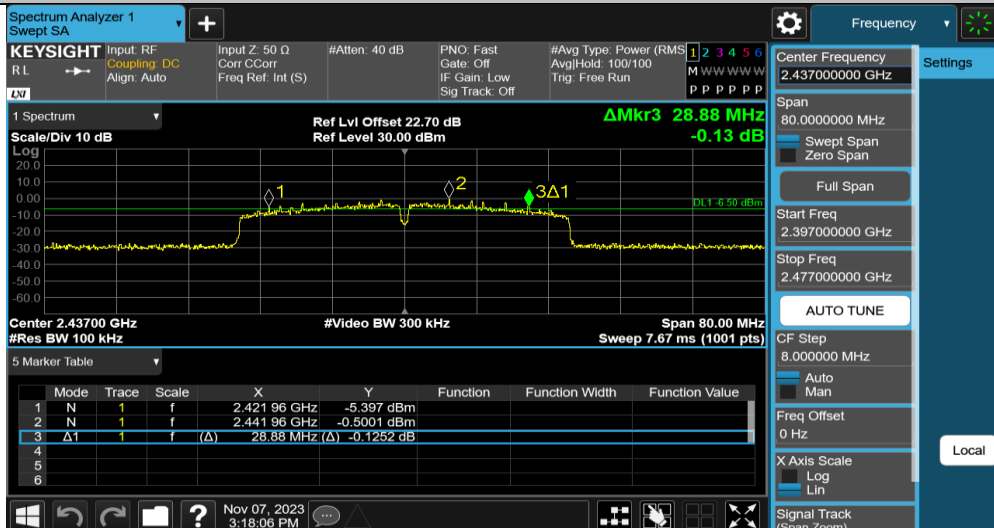
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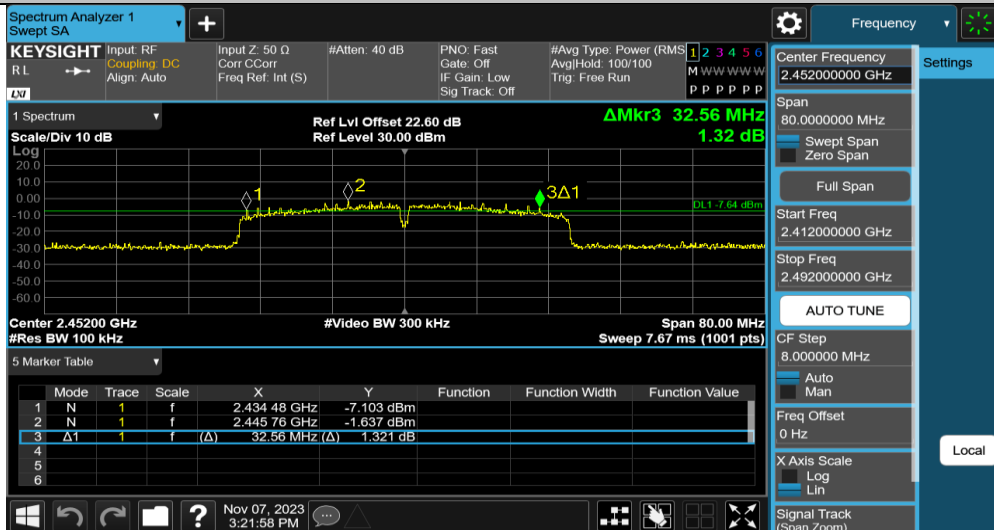
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



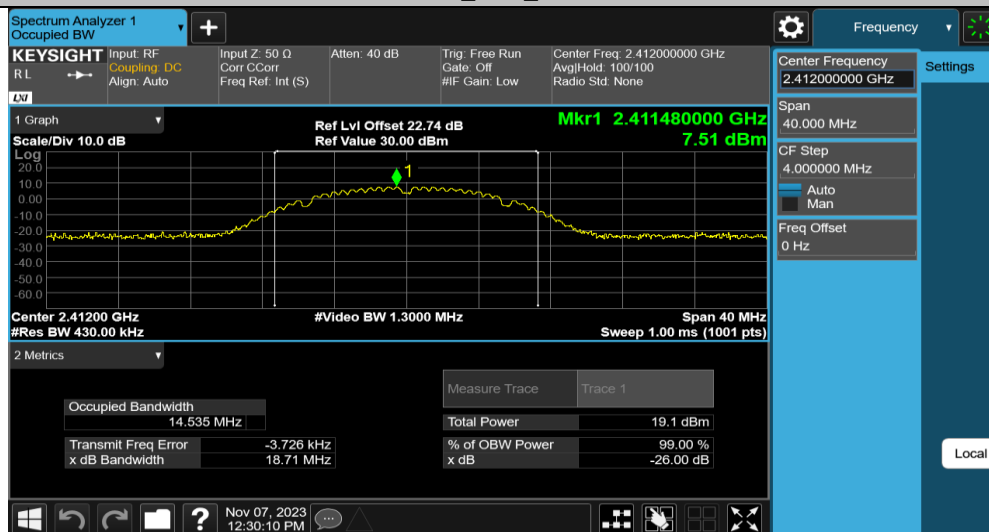
11N40SISO_Ant2_2452



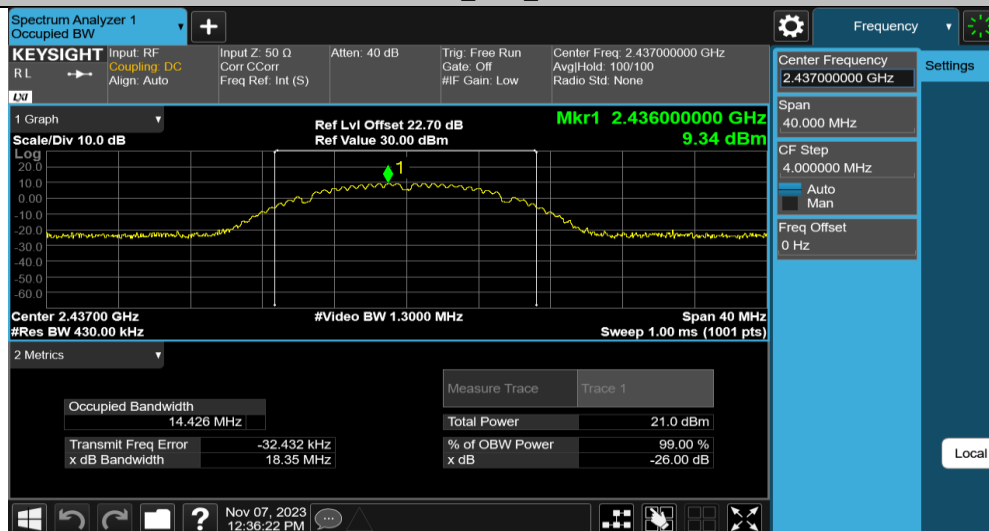
Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL [MHz]	FH [MHz]	Limit [MHz]	Verdict
11B	Ant2	2412	14.535	2404.7288	2419.2638	---	PASS
		2437	14.426	2429.7546	2444.1806	---	PASS
		2462	14.349	2454.8006	2469.1496	---	PASS
11G	Ant2	2412	16.605	2403.6909	2420.2959	---	PASS
		2437	16.662	2428.6632	2445.3252	---	PASS
		2462	16.687	2453.6692	2470.3562	---	PASS
11N20SISO	Ant2	2412	17.620	2403.1882	2420.8082	---	PASS
		2437	17.636	2428.1592	2445.7952	---	PASS
		2462	17.725	2453.1263	2470.8513	---	PASS
11N40SISO	Ant2	2422	35.769	2404.1397	2439.9087	---	PASS
		2437	35.872	2419.0926	2454.9646	---	PASS
		2452	35.962	2434.0294	2469.9914	---	PASS

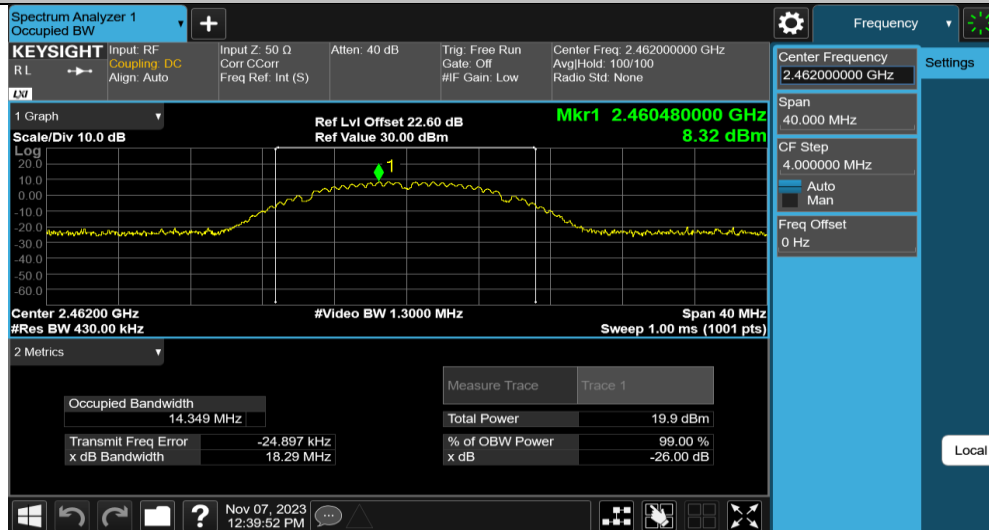
11B_Ant2_2412



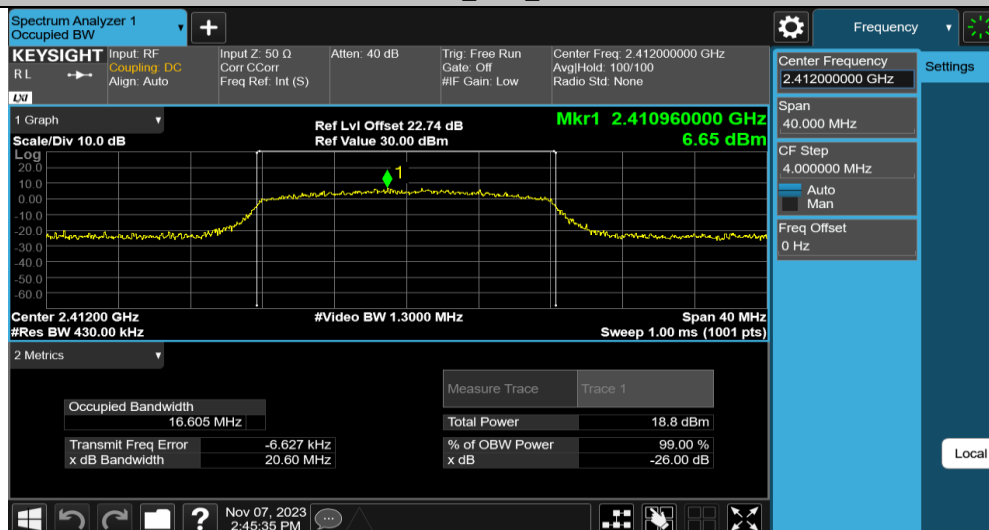
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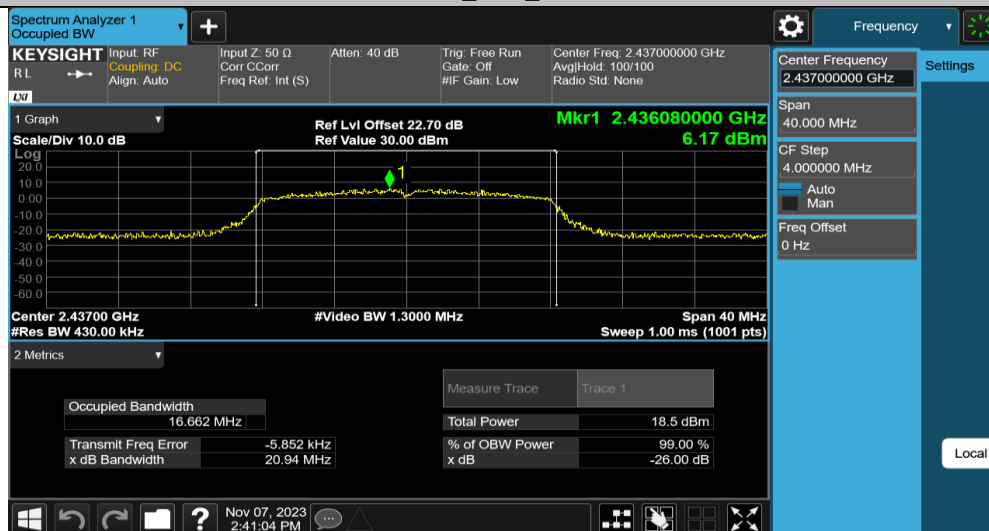
11B_Ant2_2462



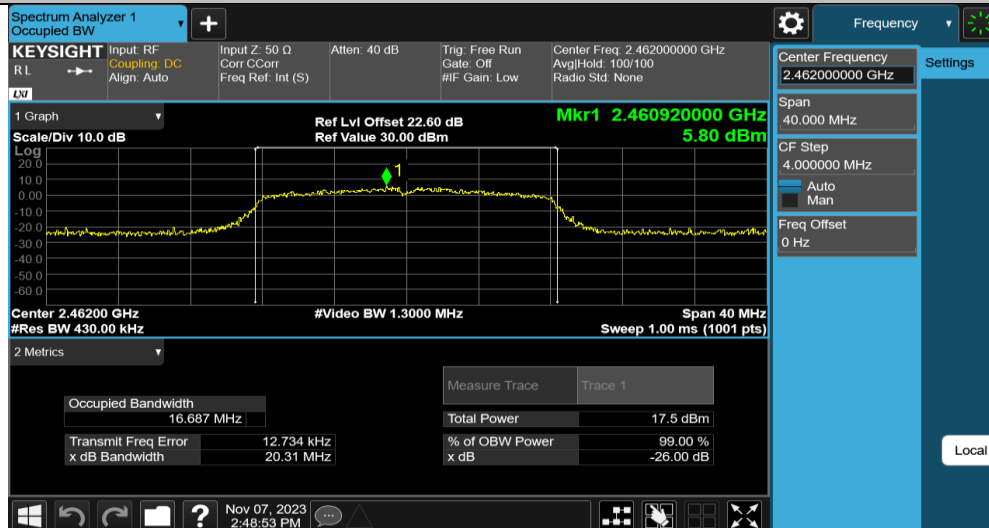
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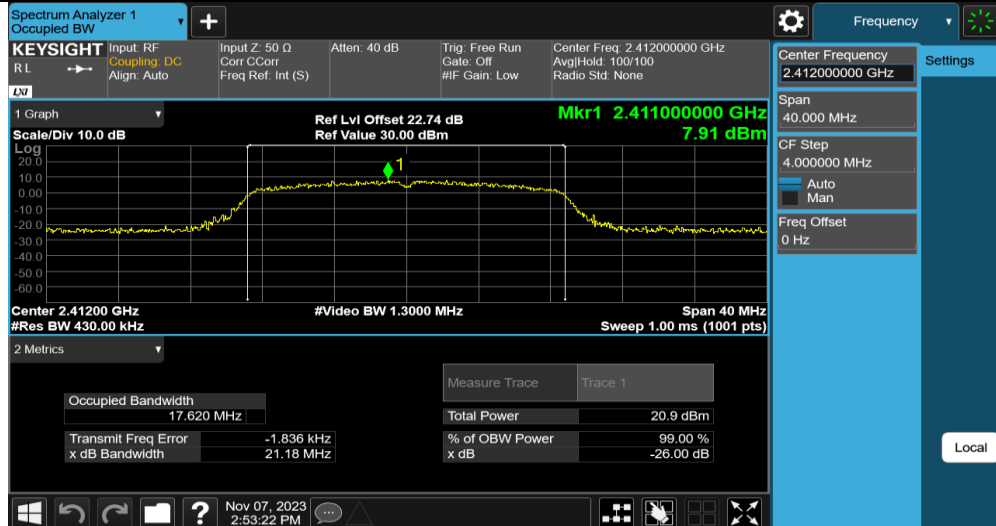
11G_Ant2_2437



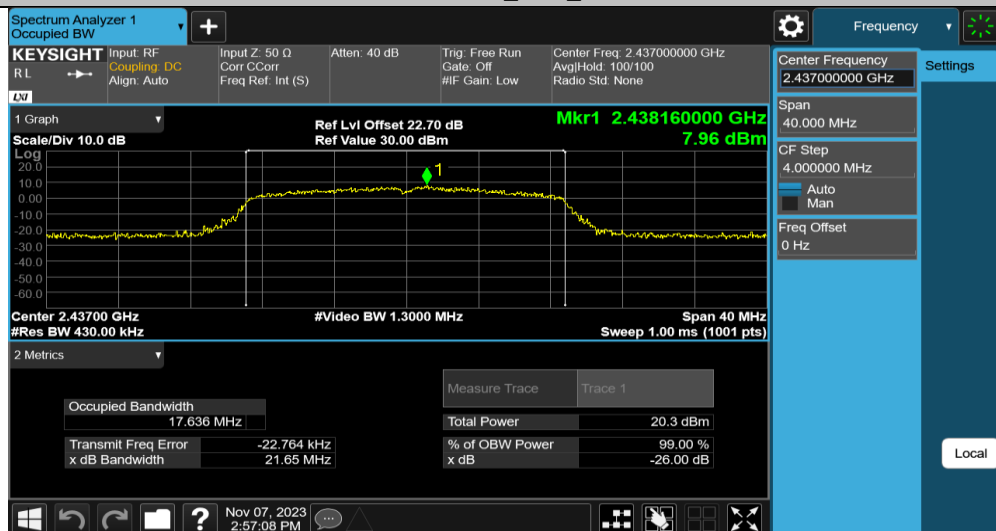
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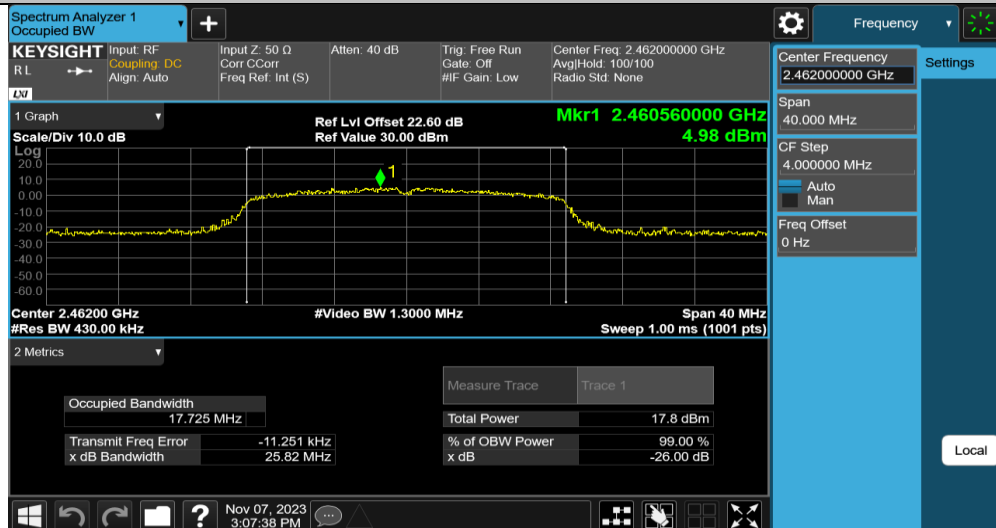
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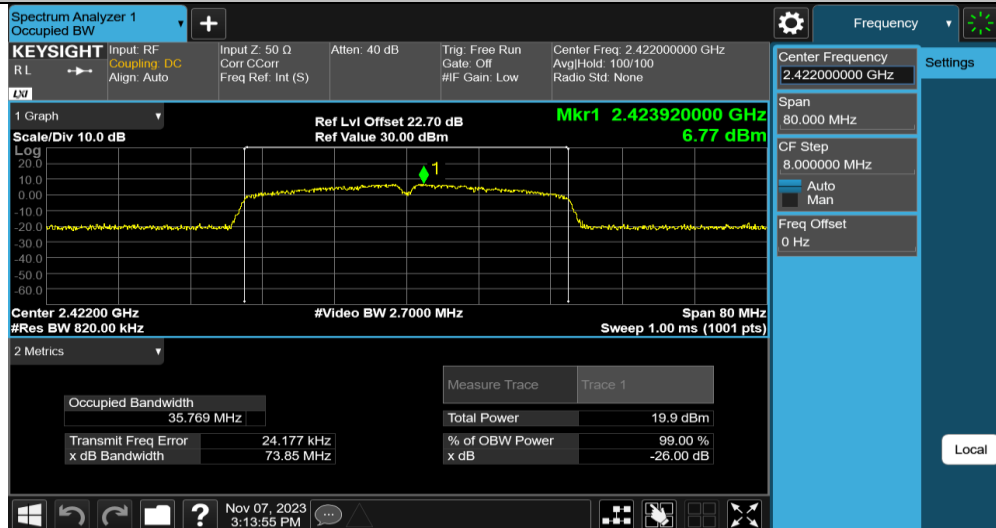
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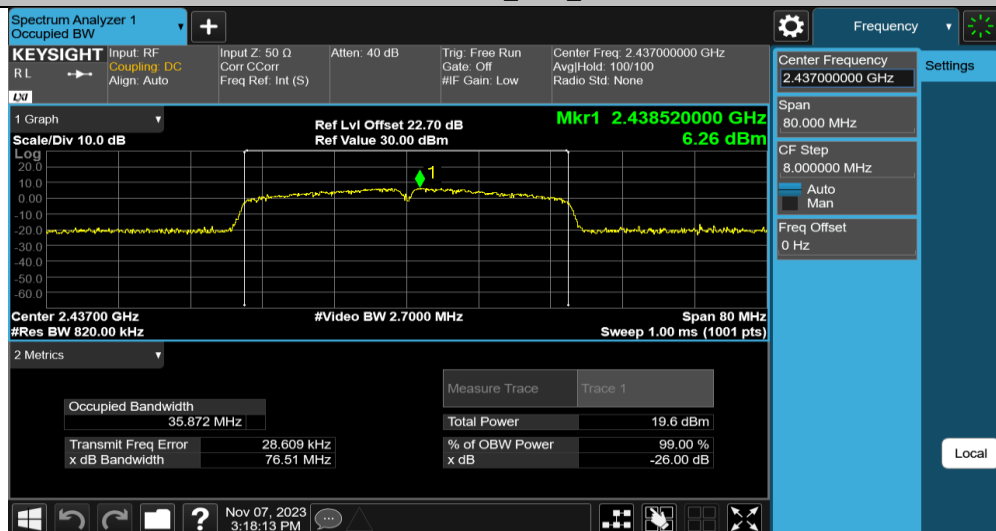
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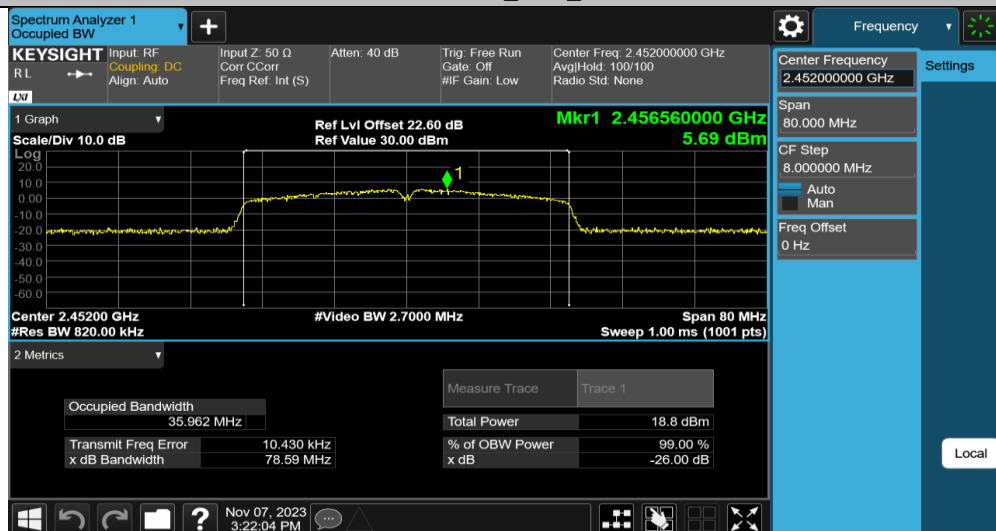
11N40SISO_Ant2_2422



11N40SISO_Ant2_2437



11N40SISO_Ant2_2452

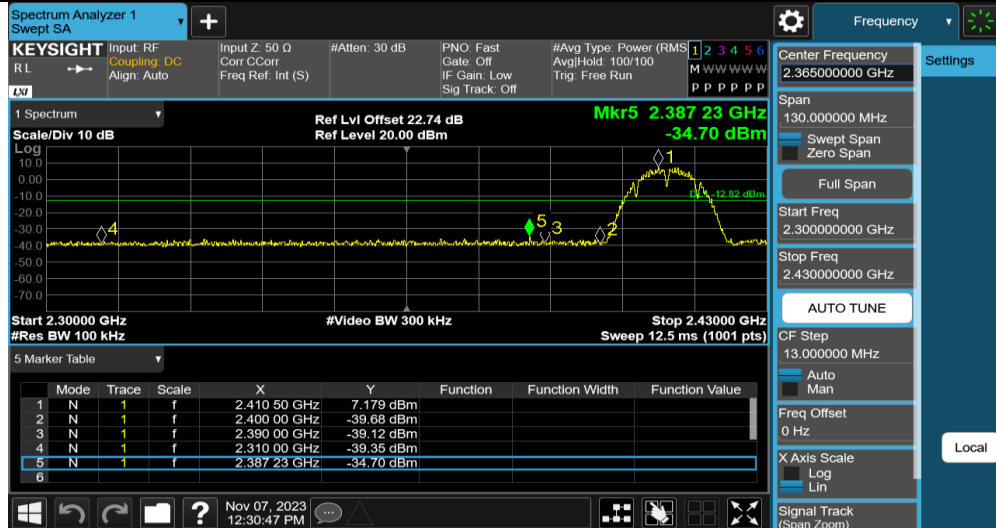


Appendix A.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

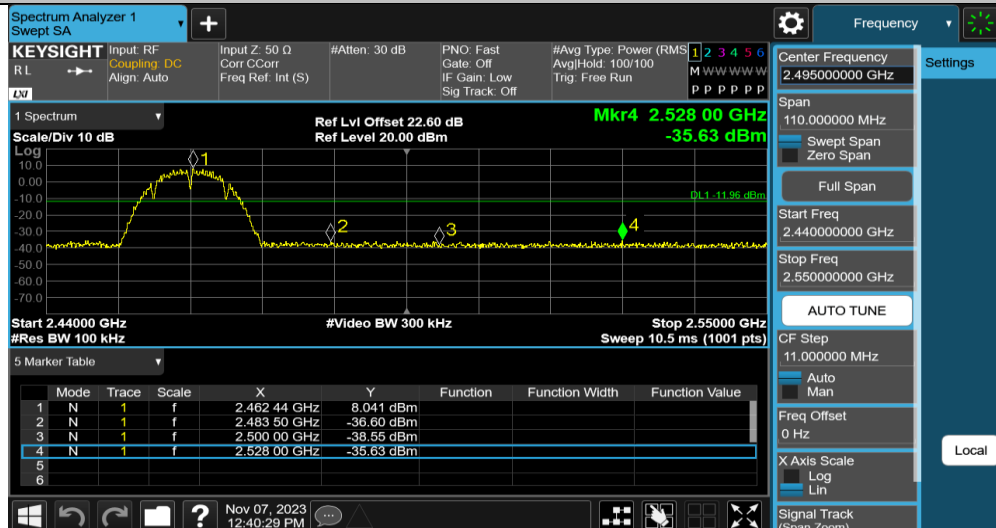
Band Edge

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	Low	2412	7.18	-34.7	≤-12.82	PASS
		High	2462	8.04	-35.63	≤-11.96	PASS
11G	Ant2	Low	2412	2.27	-35.1	≤-17.74	PASS
		High	2462	1.74	-35.5	≤-18.26	PASS
11N20SISO	Ant2	Low	2412	4.95	-34.23	≤-15.05	PASS
		High	2462	2.34	-34.42	≤-17.66	PASS
11N40SISO	Ant2	Low	2422	0.32	-36.05	≤-19.68	PASS
		High	2452	-0.61	-34.94	≤-20.61	PASS

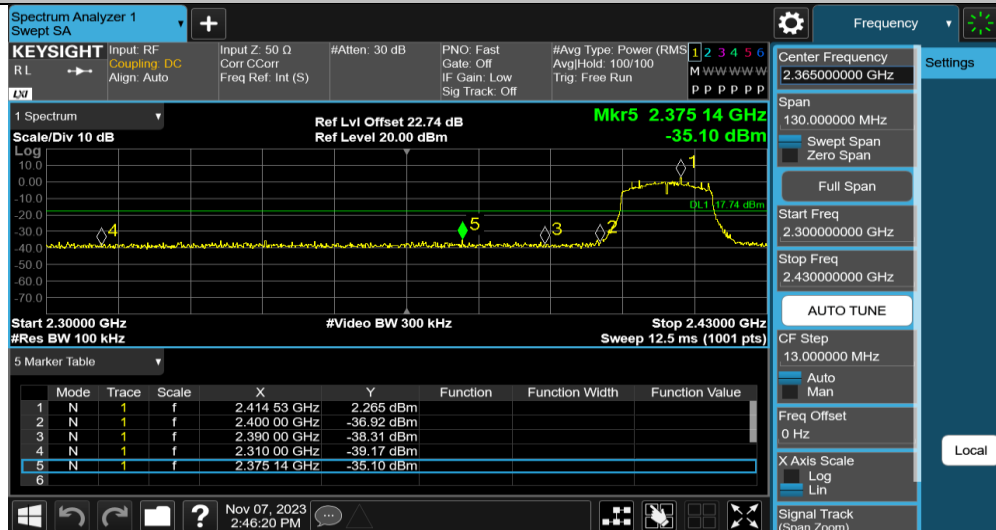
11B_Ant2_Low_2412



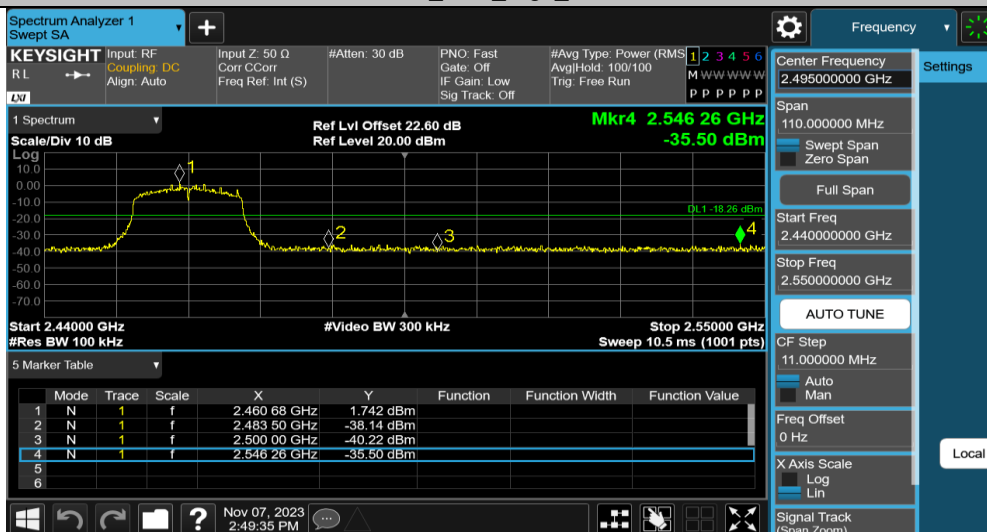
11B_Ant2_High_2462



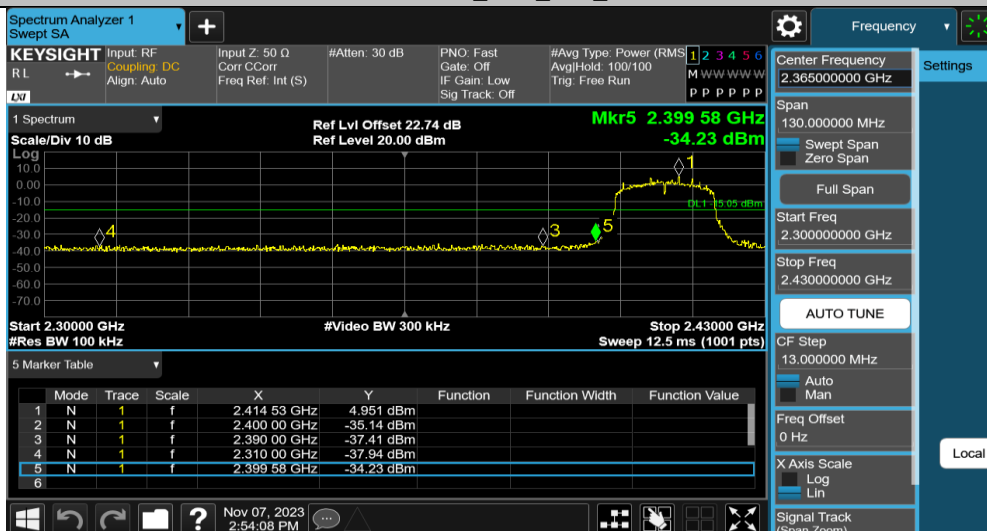
11G_Ant2_Low_2412



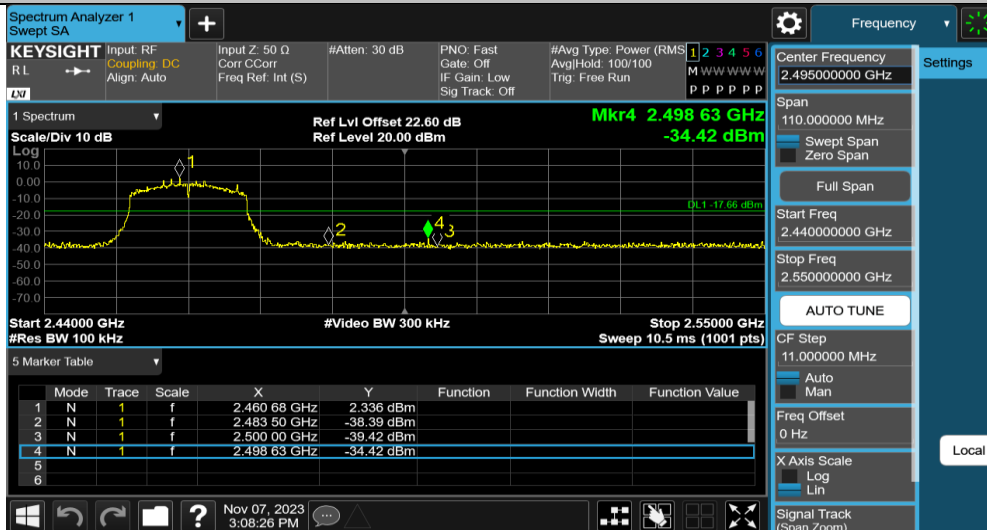
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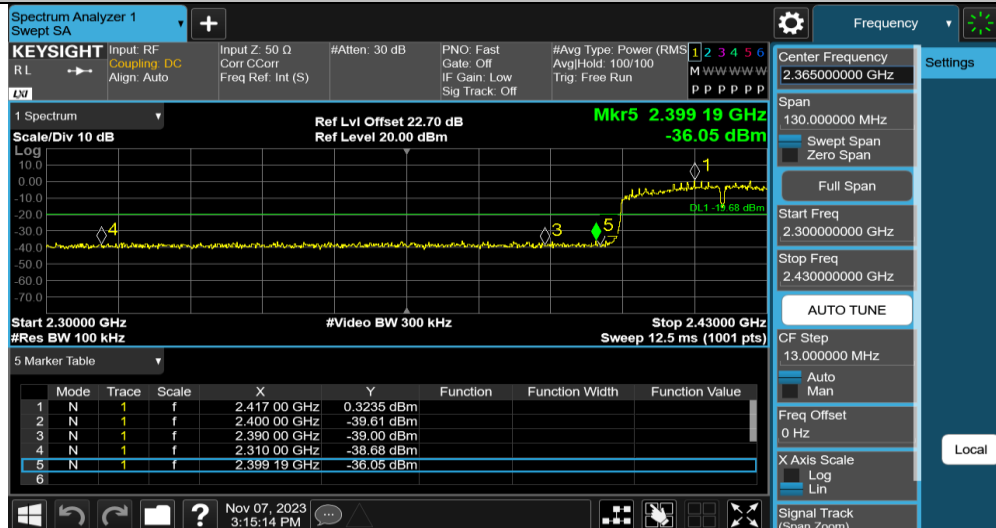
11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462



11N40SISO_Ant2_Low_2422



11N40SISO_Ant2_High_2452

