

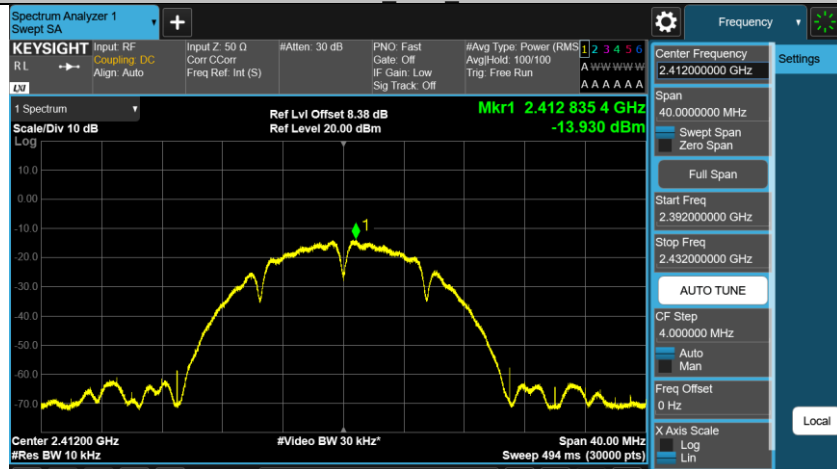
Appendix A: Test Results of Wi-Fi 802.11 b/g/n

APPENDIX A: TEST RESULTS OF WI-FI 802.11 B/G/N	1
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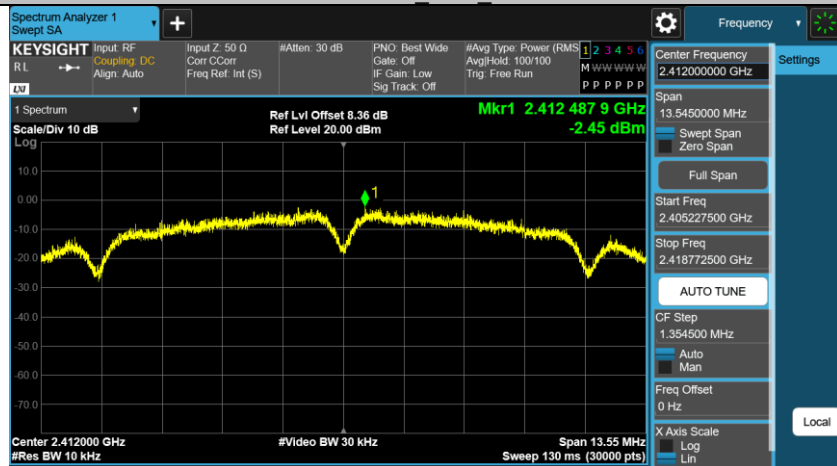
Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B-SISO	Ant1	2412	-2.46	≤8.00	PASS
	Ant2	2412	-2.62	≤8.00	PASS
	Ant1	2437	-0.43	≤8.00	PASS
	Ant2	2437	-1.01	≤8.00	PASS
	Ant1	2462	-1.66	≤8.00	PASS
	Ant2	2462	-1.34	≤8.00	PASS
11G-SISO	Ant1	2412	-3.87	≤8.00	PASS
	Ant2	2412	-3.61	≤8.00	PASS
	Ant1	2437	-2.94	≤8.00	PASS
	Ant2	2437	-3.02	≤8.00	PASS
	Ant1	2462	-2.61	≤8.00	PASS
	Ant2	2462	-2.92	≤8.00	PASS
11N20MIMO	Ant1	2412	-3.92	≤8.00	PASS
	Ant2	2412	-4.52	≤8.00	PASS
	total	2412	-1.20	≤8.00	PASS
	Ant1	2437	-3.01	≤8.00	PASS
	Ant2	2437	-4.01	≤8.00	PASS
	total	2437	-0.47	≤8.00	PASS
	Ant1	2462	-3.59	≤8.00	PASS
	Ant2	2462	-4.31	≤8.00	PASS
	total	2462	-0.92	≤8.00	PASS
11N40MIMO	Ant1	2422	-6.02	≤8.00	PASS
	Ant2	2422	-5.71	≤8.00	PASS
	total	2422	-2.85	≤8.00	PASS
	Ant1	2437	-6.15	≤8.00	PASS
	Ant2	2437	-6.17	≤8.00	PASS
	total	2437	-3.15	≤8.00	PASS
	Ant1	2452	-6.57	≤8.00	PASS
	Ant2	2452	-7.58	≤8.00	PASS
	total	2452	-4.04	≤8.00	PASS

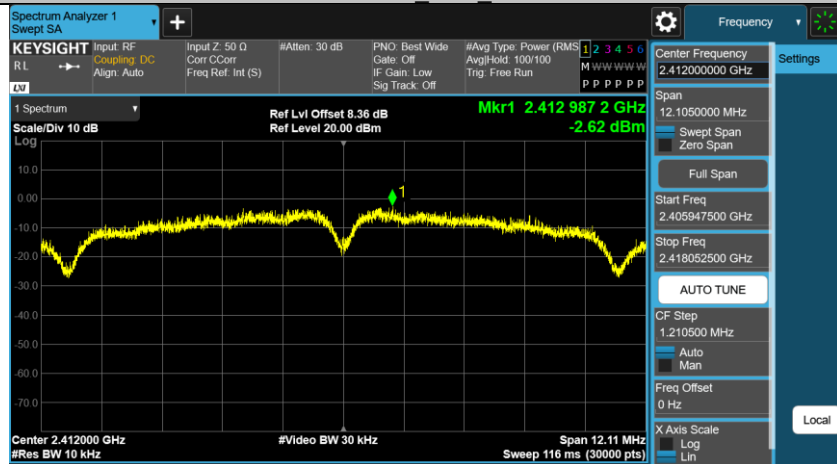
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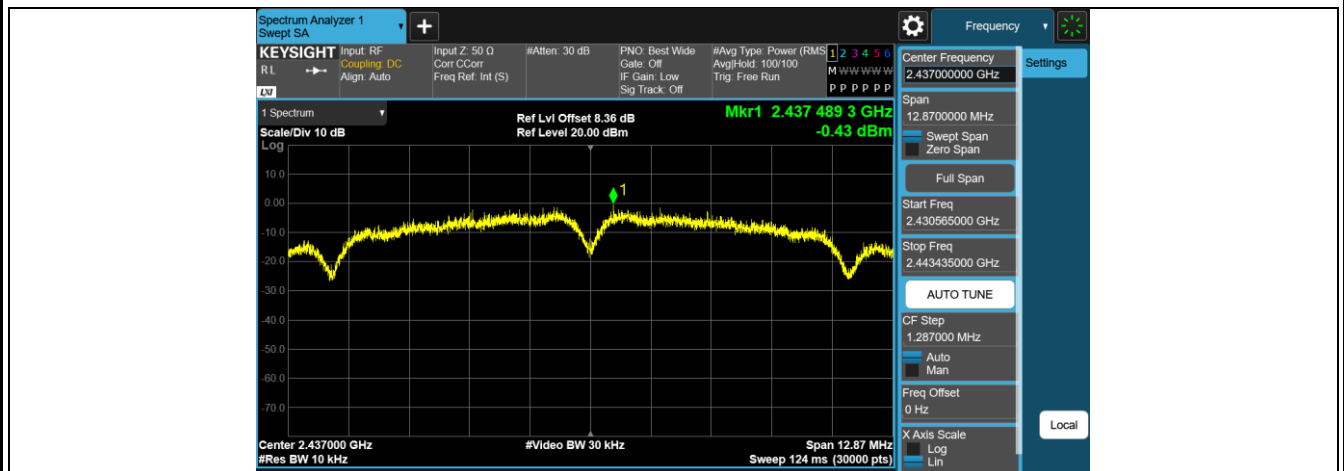
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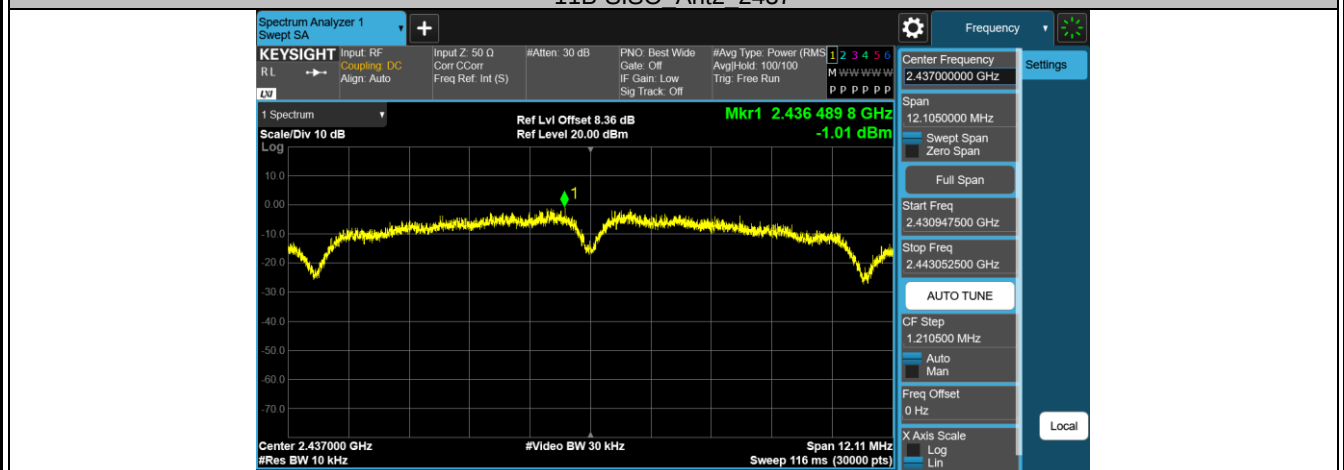
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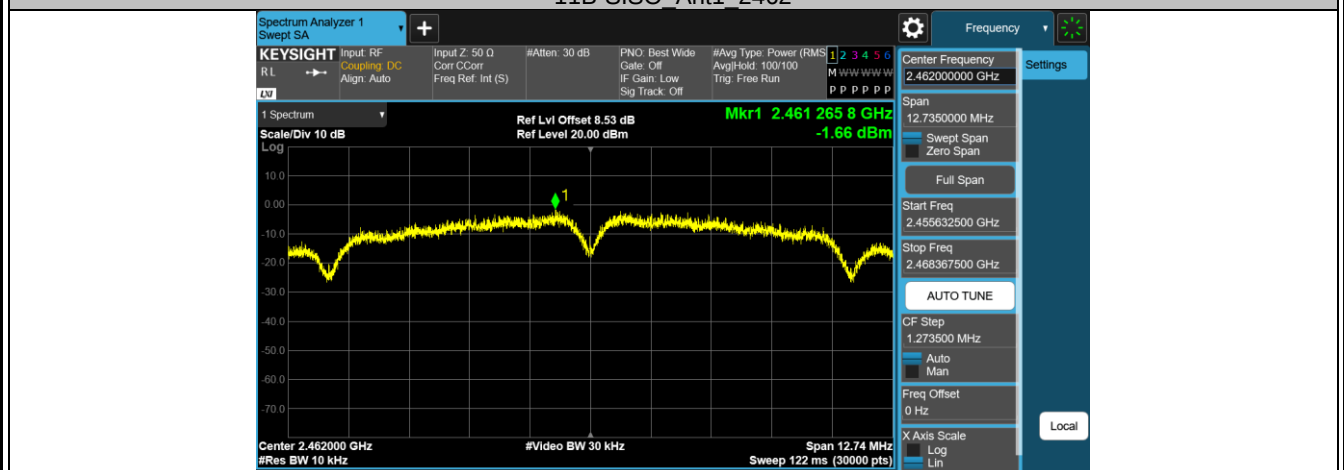
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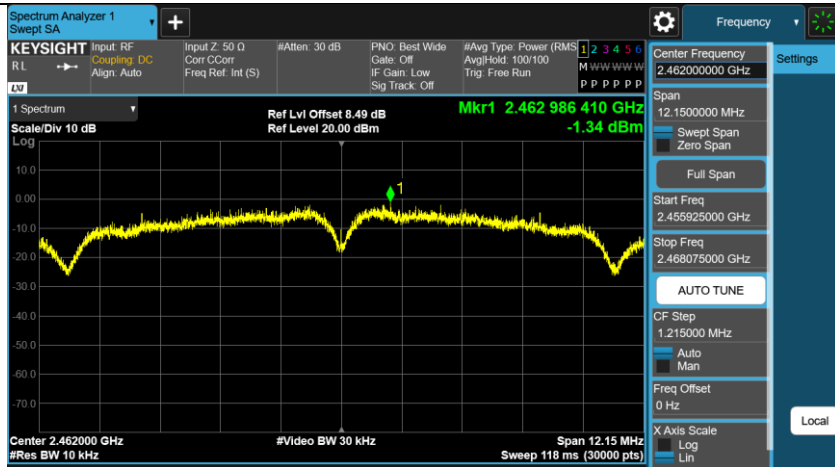
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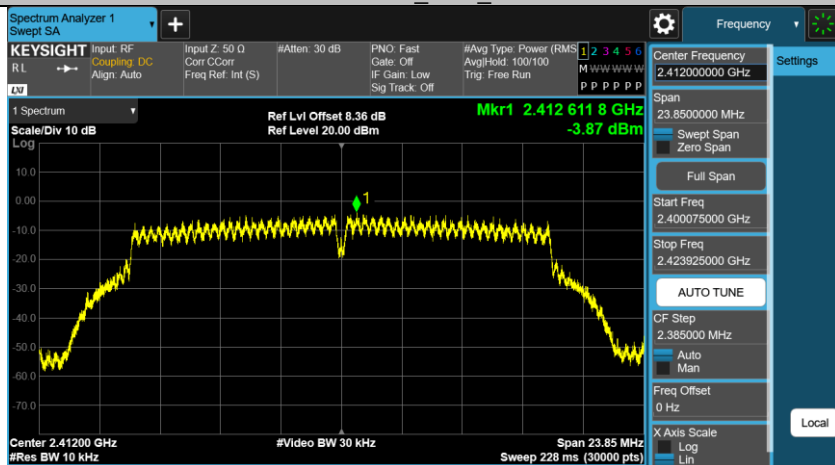
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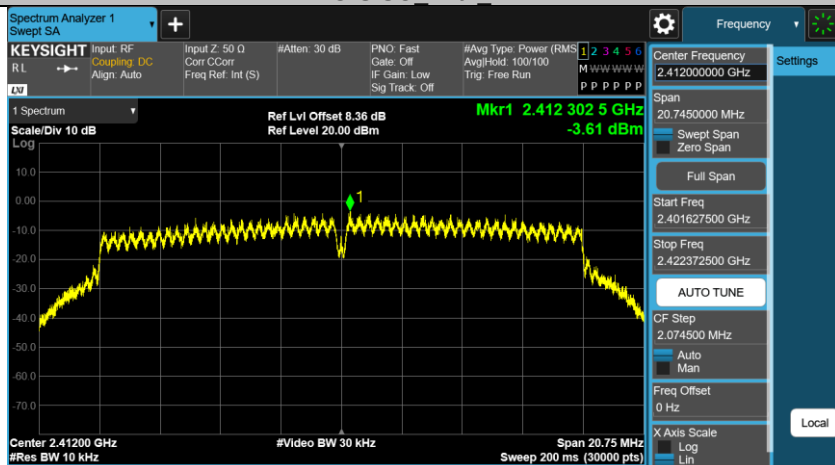
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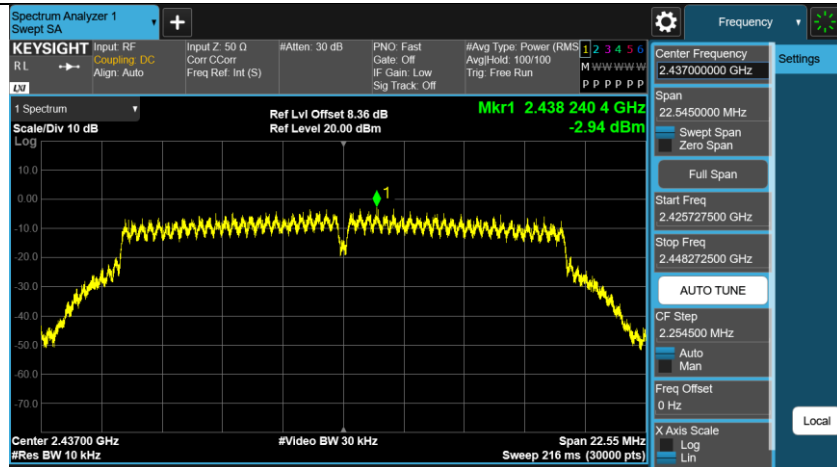
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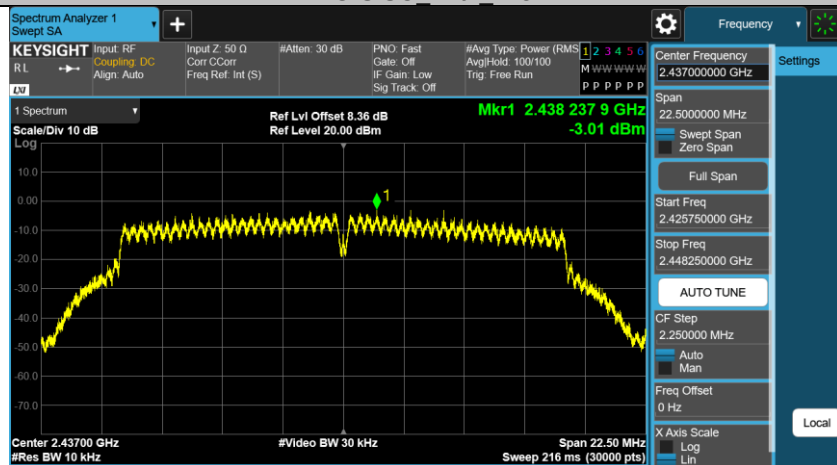
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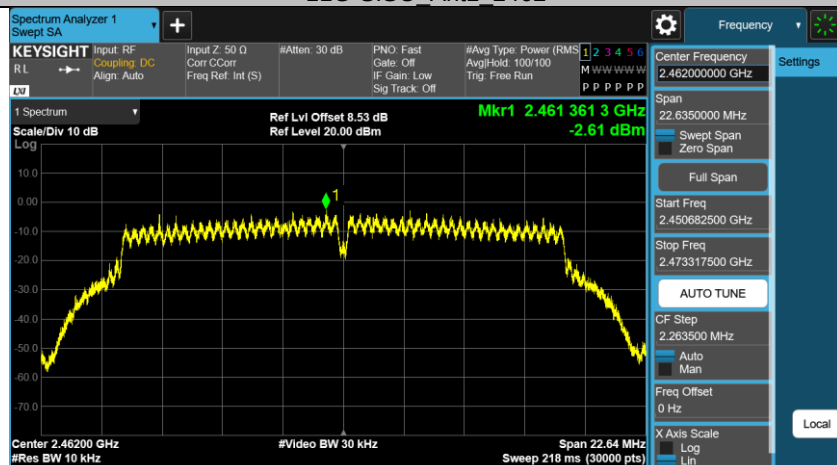
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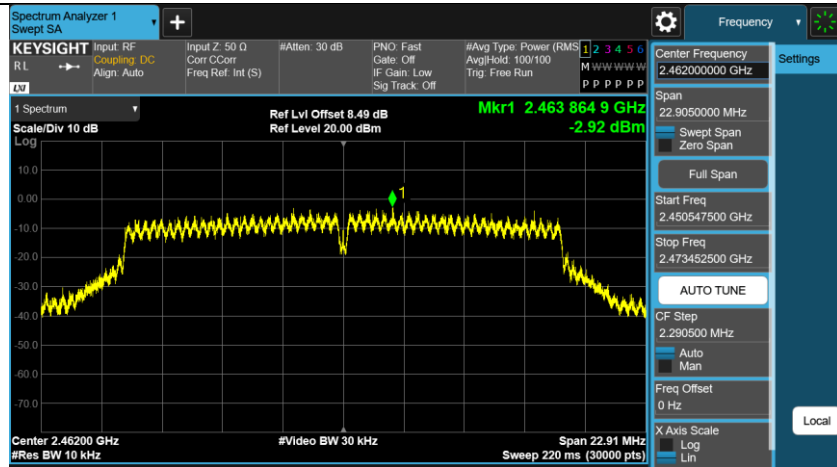
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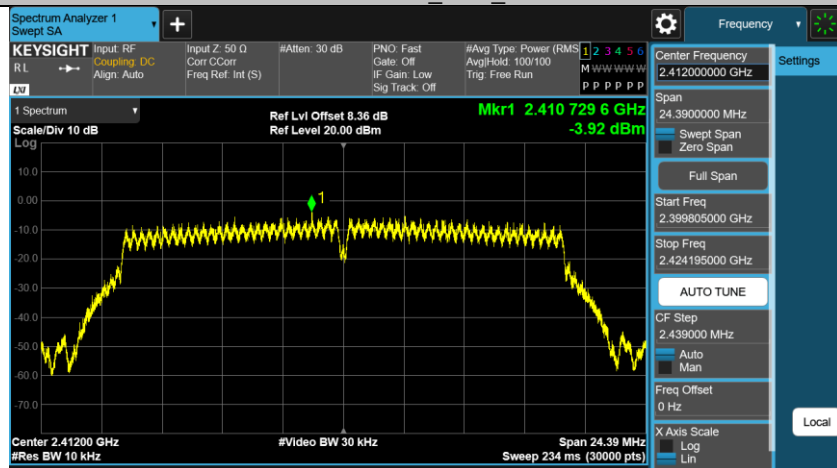
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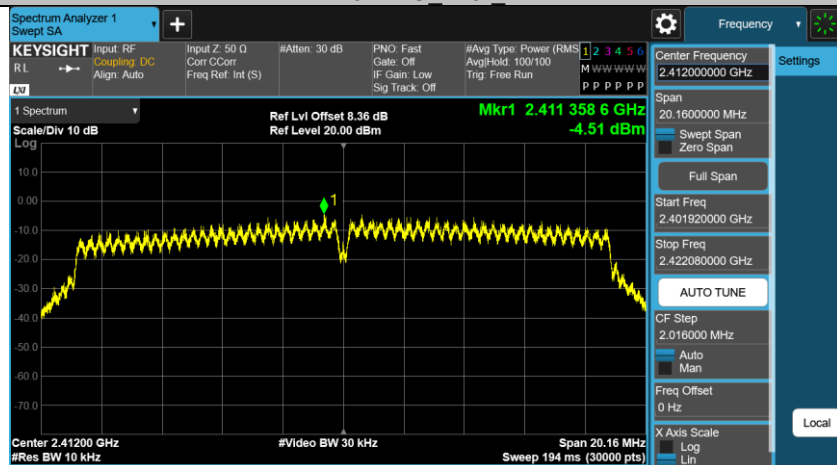
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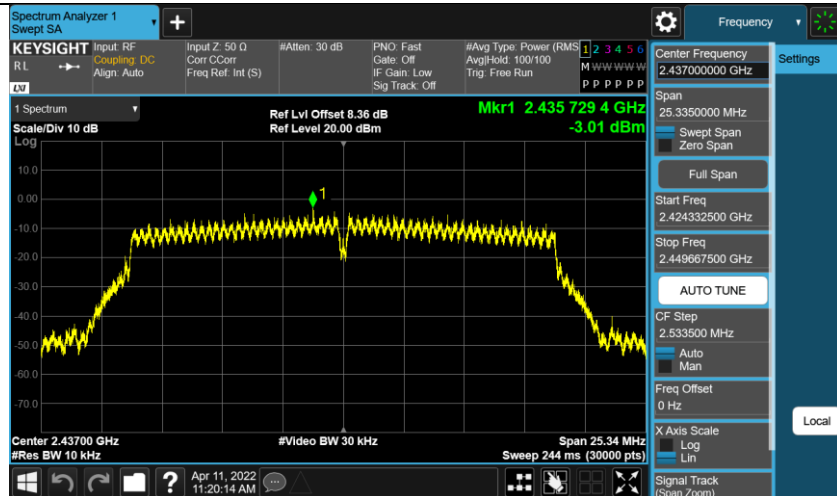
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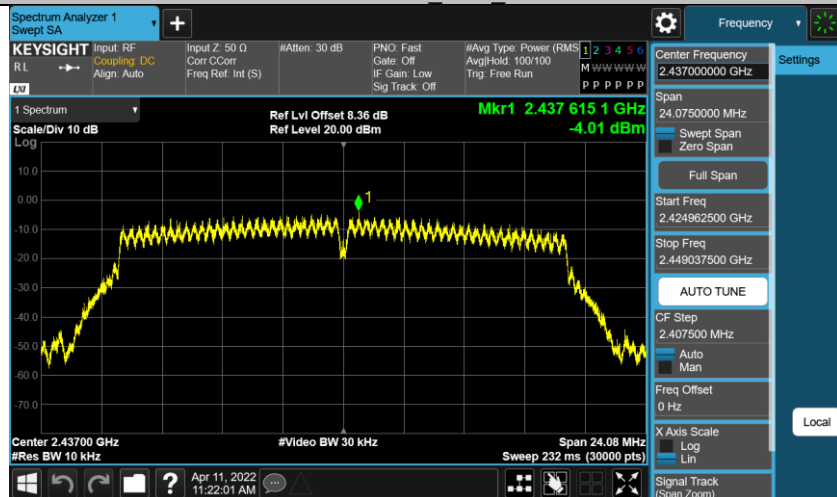
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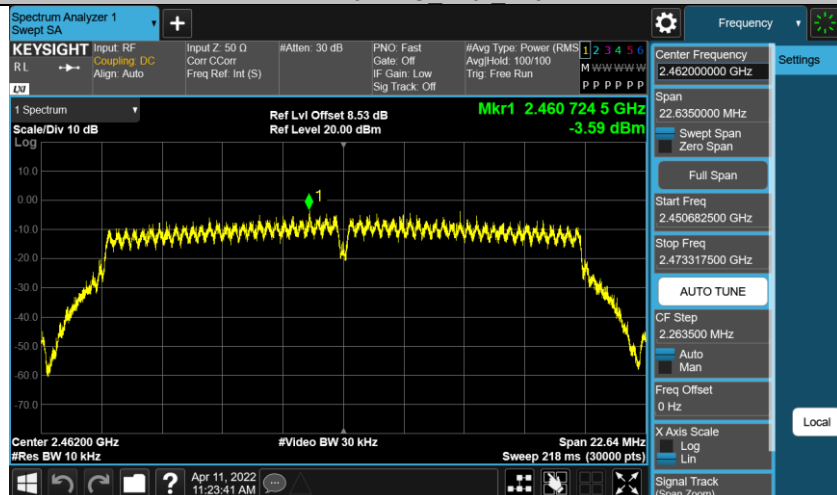
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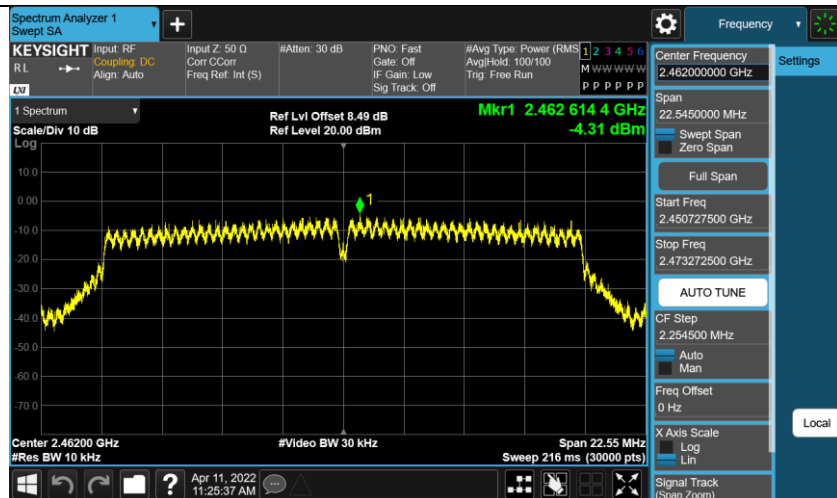
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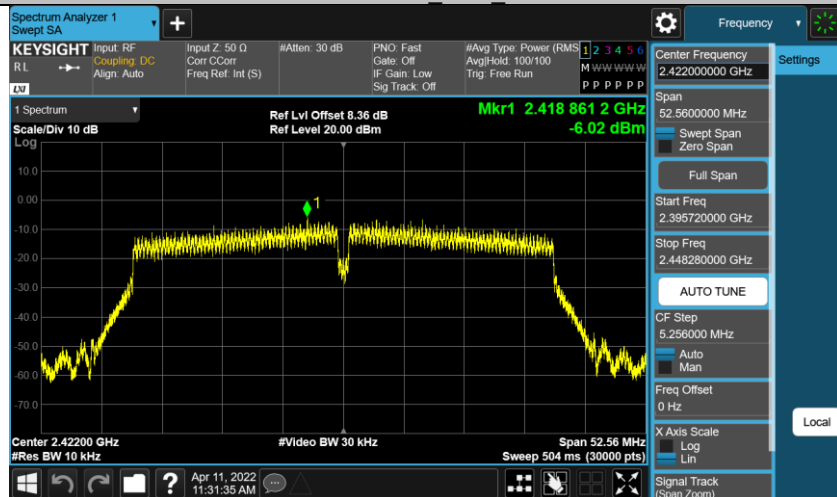
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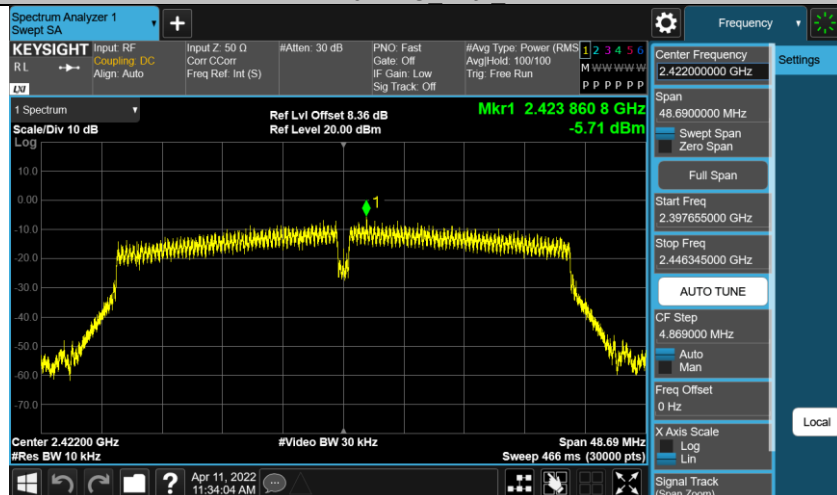
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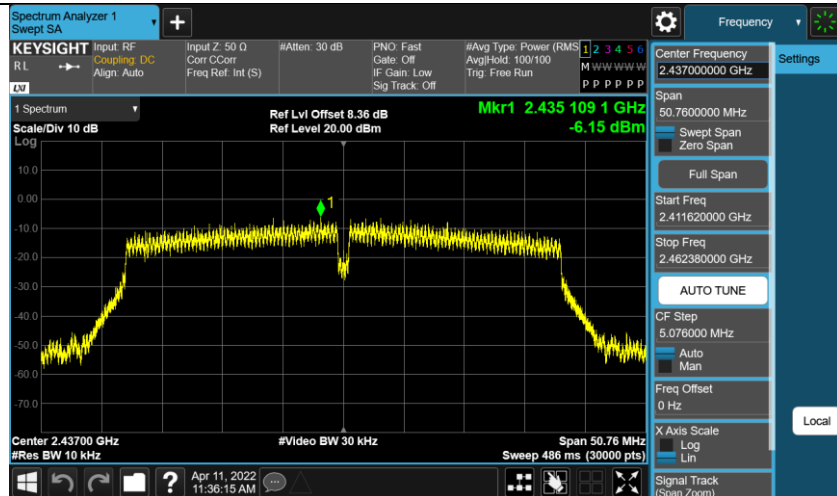
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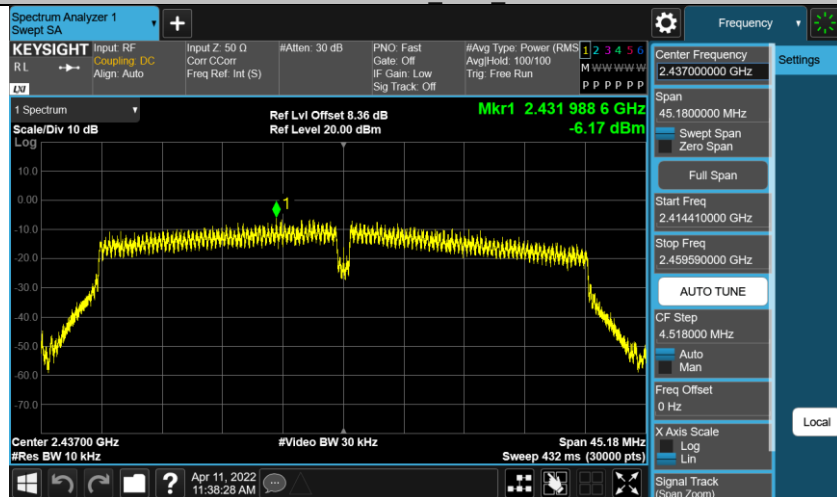
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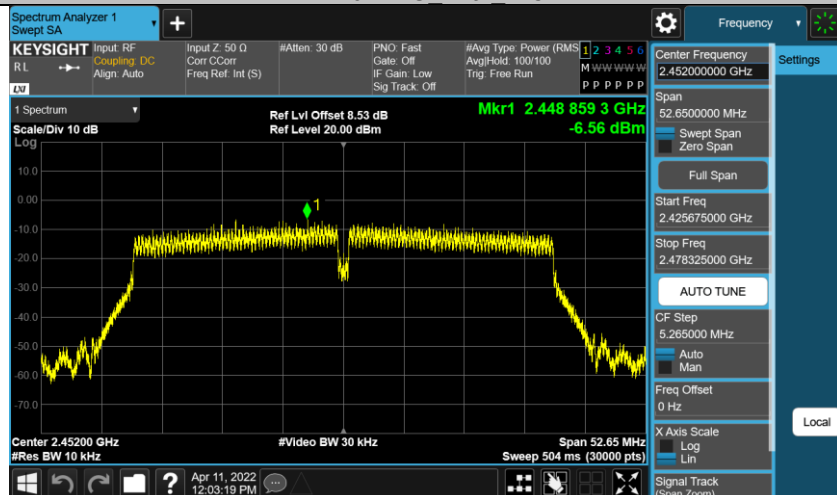
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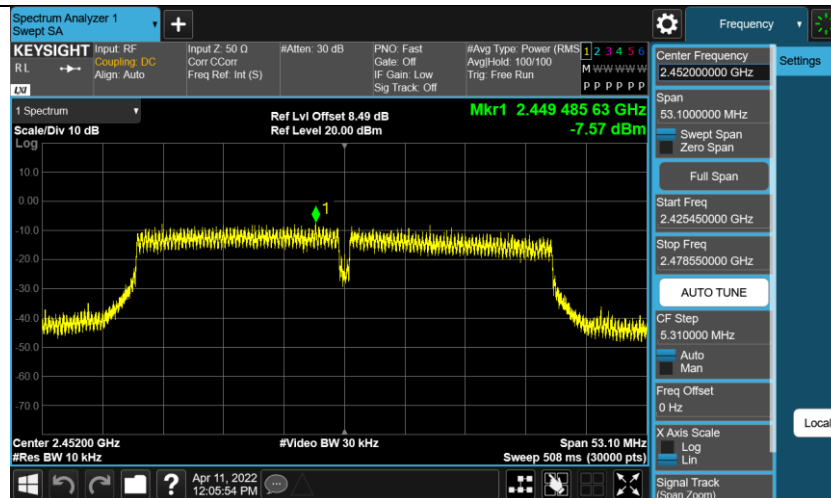
11N40MIMO Ant2 2437



11N40MIMO Ant1 2452



11N40MIMO Ant2 2452



Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B-SISO	Ant1	2412	9.030	2407.500	2416.530	0.5	PASS
	Ant2	2412	8.070	2407.980	2416.050	0.5	PASS
	Ant1	2437	8.580	2432.470	2441.050	0.5	PASS
	Ant2	2437	8.070	2432.950	2441.020	0.5	PASS
	Ant1	2462	8.490	2458.040	2466.530	0.5	PASS
	Ant2	2462	8.100	2457.950	2466.050	0.5	PASS
11G-SISO	Ant1	2412	15.900	2404.230	2420.130	0.5	PASS
	Ant2	2412	13.830	2405.700	2419.530	0.5	PASS
	Ant1	2437	15.030	2429.470	2444.500	0.5	PASS
	Ant2	2437	15.000	2429.470	2444.470	0.5	PASS
	Ant1	2462	15.090	2454.440	2469.530	0.5	PASS
	Ant2	2462	15.270	2454.470	2469.740	0.5	PASS
11N20MIMO	Ant1	2412	16.260	2403.840	2420.100	0.5	PASS
	Ant2	2412	13.440	2406.930	2420.370	0.5	PASS
	Ant1	2437	16.890	2428.240	2445.130	0.5	PASS
	Ant2	2437	16.050	2428.510	2444.560	0.5	PASS
	Ant1	2462	15.090	2454.440	2469.530	0.5	PASS
	Ant2	2462	15.030	2454.710	2469.740	0.5	PASS
11N40MIMO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
	Ant2	2422	32.460	2407.000	2439.460	0.5	PASS
	Ant1	2437	33.840	2420.680	2454.520	0.5	PASS
	Ant2	2437	30.120	2419.420	2449.540	0.5	PASS
	Ant1	2452	35.100	2434.420	2469.520	0.5	PASS
	Ant2	2452	35.400	2434.120	2469.520	0.5	PASS

11B-SISO Ant1 2412



11B-SISO Ant2 2412



11B-SISO Ant1 2437



11B-SISO Ant2 2437



11B-SISO_Ant1_2462



11B-SISO_Ant2_2462



11G-SISO_Ant1_2412



11G-SISO Ant2 2412



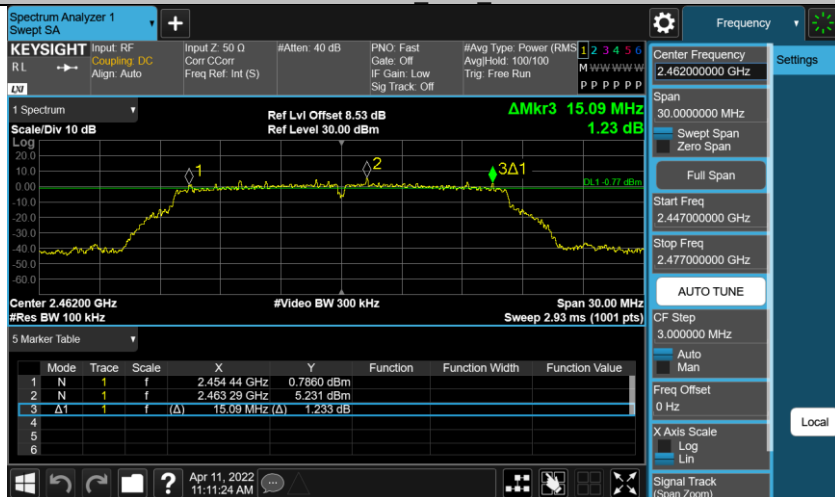
11G-SISO Ant1 2437



11G-SISO Ant2 2437



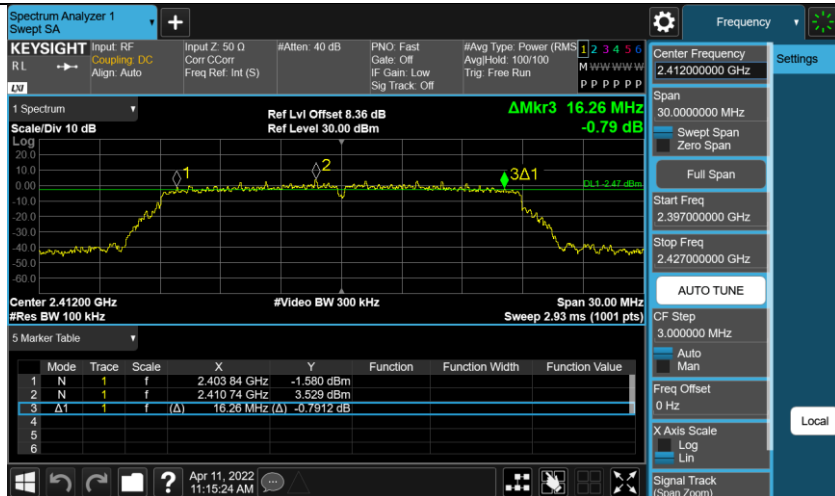
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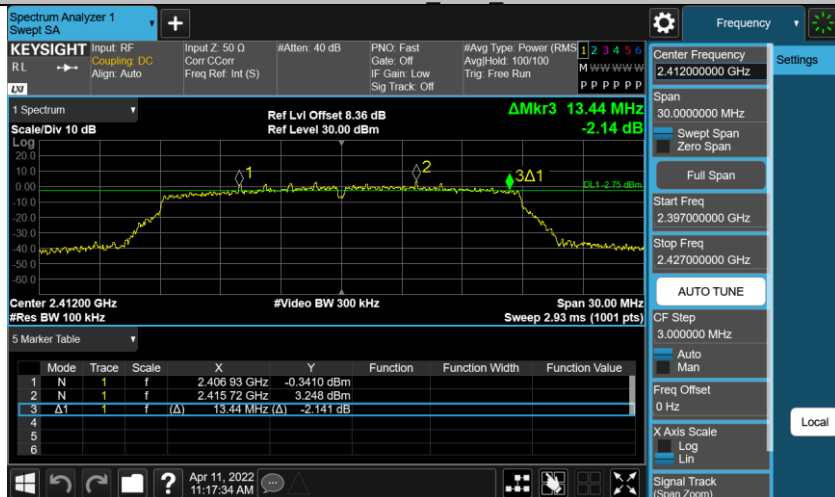
11G-SISO Ant2_2462



11N20MIMO Ant1_2412



11N20MIMO Ant2 2412



11N20MIMO Ant1 2437



11N20MIMO Ant2 2437



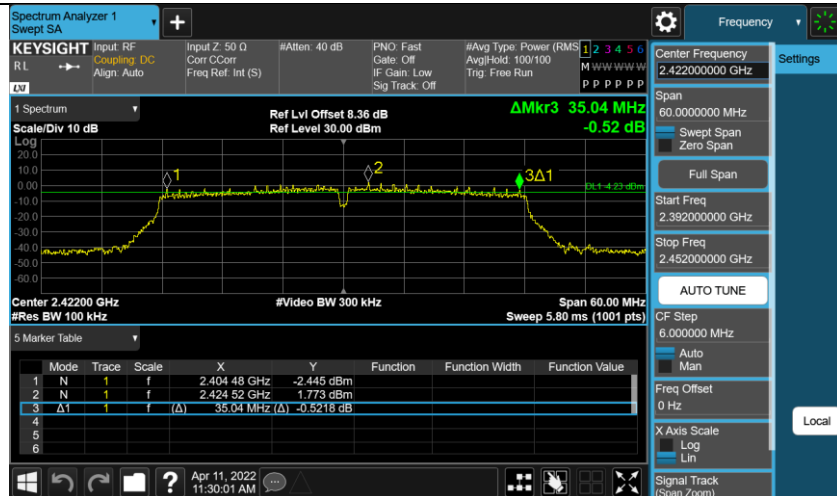
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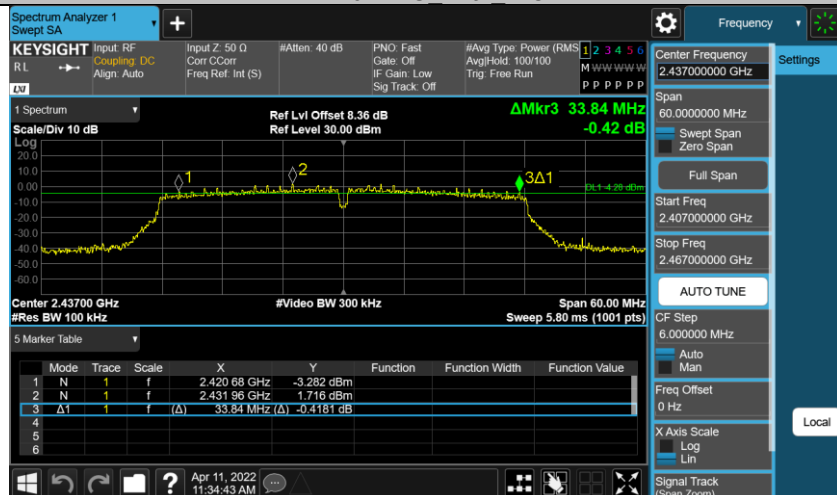
11N40MIMO Ant1 2422



11N40MIMO Ant2 2422



11N40MIMO Ant1 2437



11N40MIMO Ant2 2437

