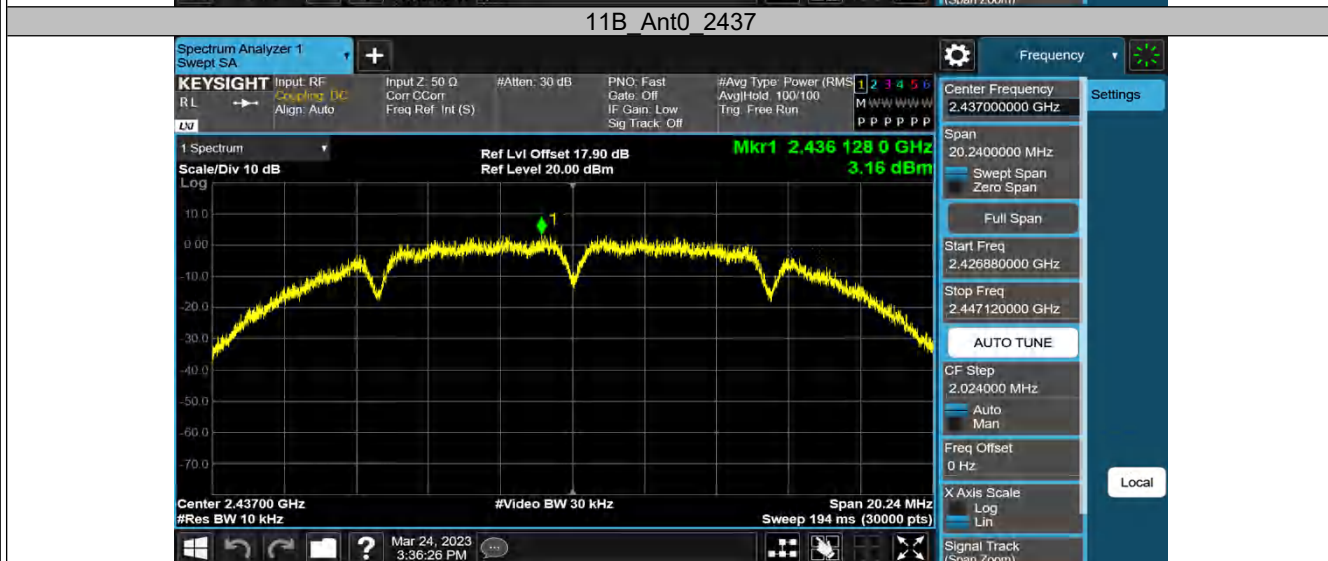
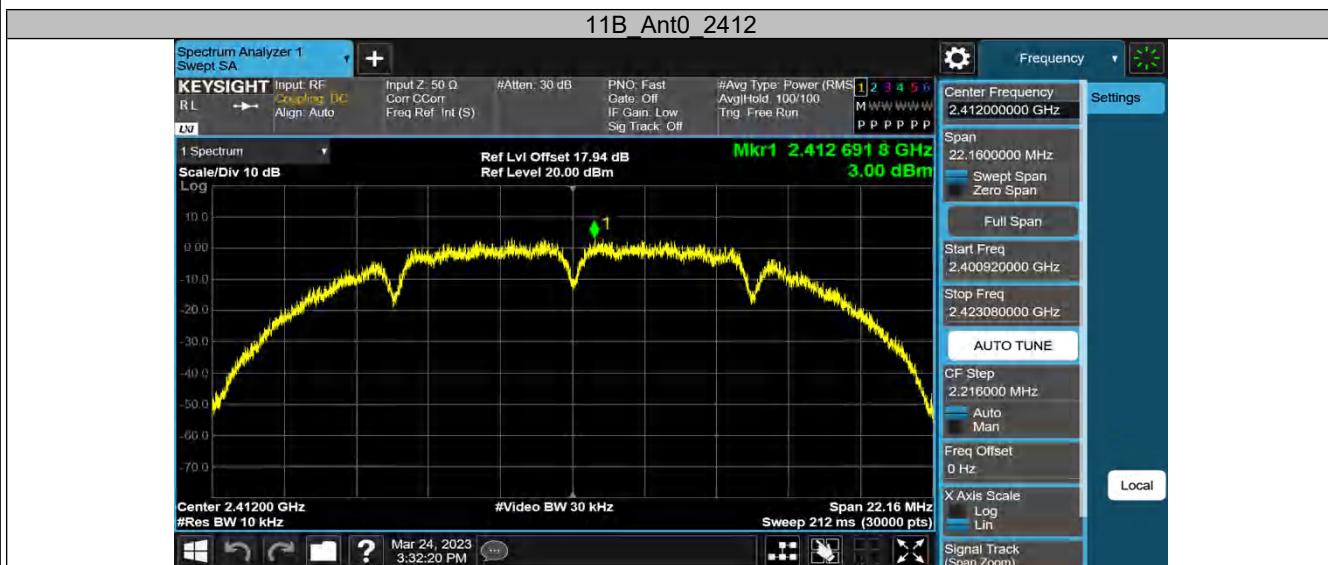


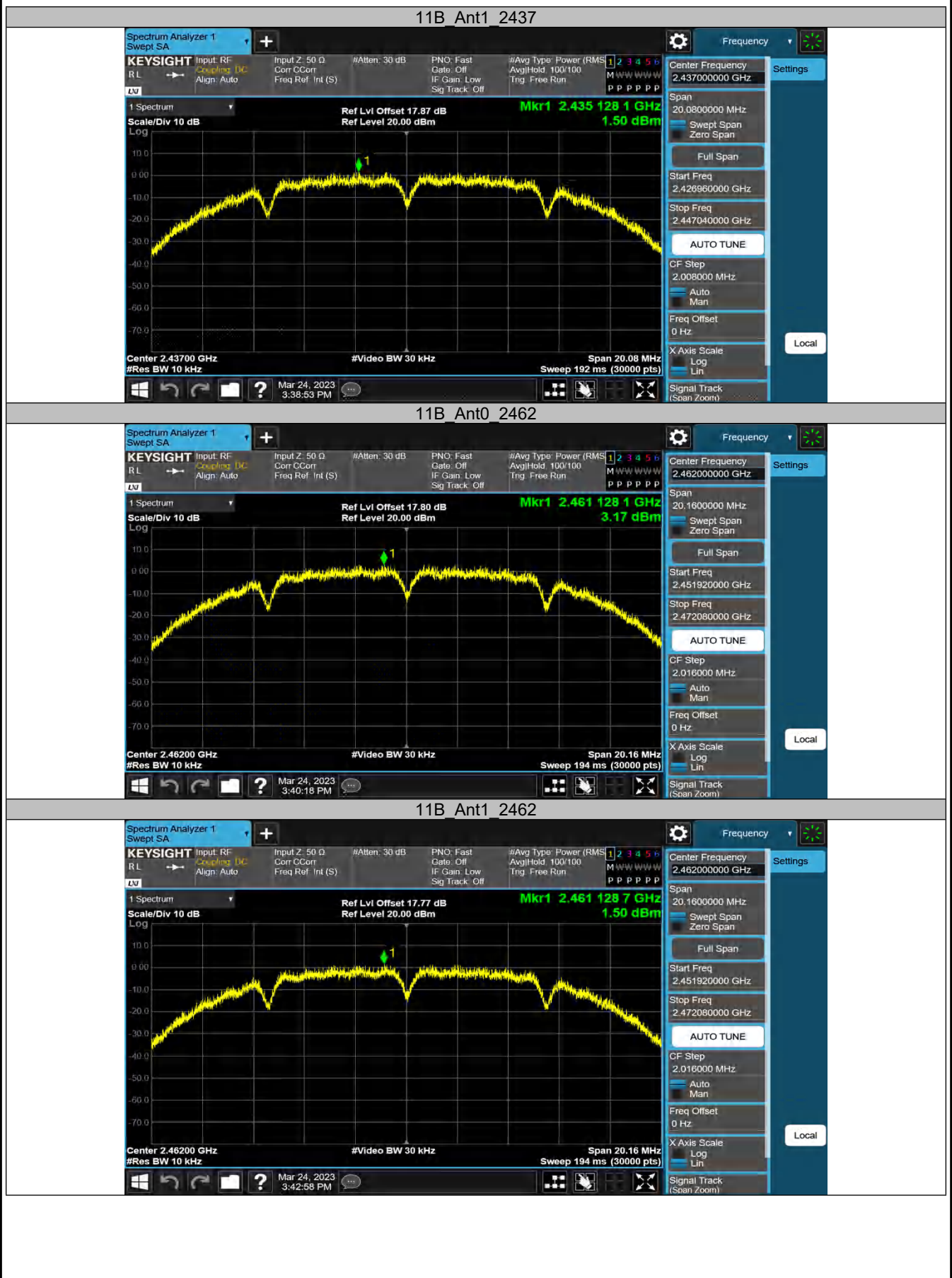
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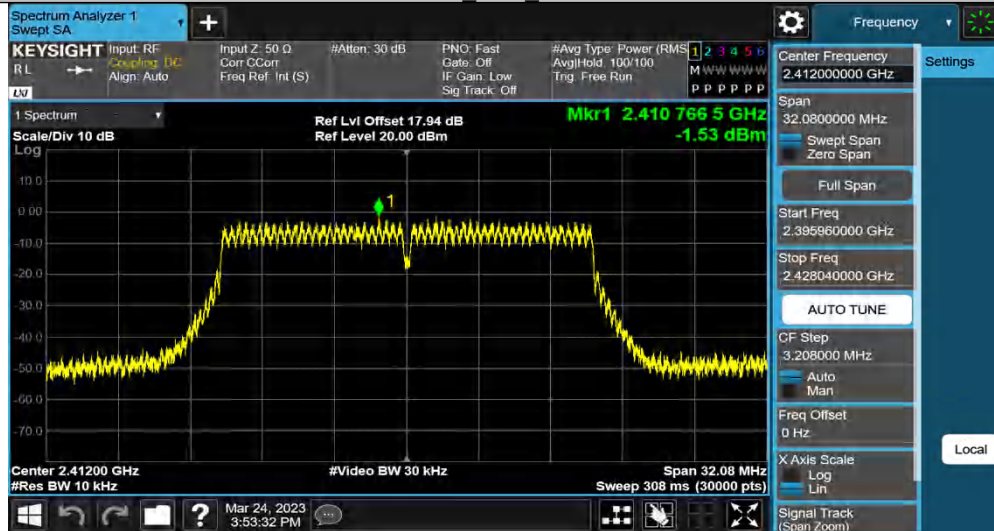
Appendix A.1: Test Results of Conducted Power Spectral Density

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	3	≤8.00	PASS
	Ant1	2412	1.26	≤8.00	PASS
	total	2412	---	---	---
	Ant0	2437	3.16	≤8.00	PASS
	Ant1	2437	1.5	≤8.00	PASS
	total	2437	---	---	---
	Ant0	2462	3.17	≤8.00	PASS
	Ant1	2462	1.5	≤8.00	PASS
11G	total	2462	---	---	---
	Ant0	2412	-1.53	≤8.00	PASS
	Ant1	2412	-3.01	≤8.00	PASS
	total	2412	---	---	---
	Ant0	2437	-1.49	≤8.00	PASS
	Ant1	2437	-2.97	≤8.00	PASS
	total	2437	---	---	---
	Ant0	2462	-1.6	≤8.00	PASS
11N20MIMO	Ant1	2462	-2.84	≤8.00	PASS
	total	2462	---	---	---
	Ant0	2412	-2.58	≤8.00	PASS
	Ant1	2412	-4.31	≤8.00	PASS
	total	2412	-0.35	≤8.00	PASS
	Ant0	2437	-2.58	≤8.00	PASS
	Ant1	2437	-3.71	≤8.00	PASS
	total	2437	-0.10	≤8.00	PASS
11N40MIMO	Ant0	2462	-2.61	≤8.00	PASS
	Ant1	2462	-4.39	≤8.00	PASS
	total	2462	-0.40	≤8.00	PASS
	Ant0	2422	-3.58	≤8.00	PASS
	Ant1	2422	-5.87	≤8.00	PASS
	total	2422	-1.57	≤8.00	PASS
	Ant0	2437	-3.49	≤8.00	PASS
	Ant1	2437	-6.29	≤8.00	PASS
11AX20MIMO	total	2437	-1.66	≤8.00	PASS
	Ant0	2452	-3.53	≤8.00	PASS
	Ant1	2452	-5.13	≤8.00	PASS
	total	2452	-1.25	≤8.00	PASS
	Ant0	2412	-2.46	≤8.00	PASS
	Ant1	2412	-4.89	≤8.00	PASS
	total	2412	-0.50	≤8.00	PASS
	Ant0	2437	-2.61	≤8.00	PASS
11AX40MIMO	Ant1	2437	-4.08	≤8.00	PASS
	total	2437	-0.27	≤8.00	PASS
	Ant0	2462	-2.53	≤8.00	PASS
	Ant1	2462	-4.99	≤8.00	PASS
	total	2462	-0.58	≤8.00	PASS
	Ant0	2422	-6.28	≤8.00	PASS
	Ant1	2422	-7.76	≤8.00	PASS
	total	2422	-3.95	≤8.00	PASS
11AX20MIMO	Ant0	2437	-6.35	≤8.00	PASS
	Ant1	2437	-7.9	≤8.00	PASS
	total	2437	-4.05	≤8.00	PASS
	Ant0	2452	-6.44	≤8.00	PASS
	Ant1	2452	-8.61	≤8.00	PASS
	total	2452	-4.38	≤8.00	PASS
	Ant0	2412	-2.46	≤8.00	PASS
	Ant1	2412	-4.89	≤8.00	PASS
11AX40MIMO	total	2412	-0.50	≤8.00	PASS
	Ant0	2437	-2.61	≤8.00	PASS
	Ant1	2437	-4.08	≤8.00	PASS
	total	2437	-0.27	≤8.00	PASS
	Ant0	2462	-2.53	≤8.00	PASS
	Ant1	2462	-4.99	≤8.00	PASS
	total	2462	-0.58	≤8.00	PASS
	Ant0	2422	-6.28	≤8.00	PASS
11AX20MIMO	Ant1	2422	-7.76	≤8.00	PASS
	total	2422	-3.95	≤8.00	PASS
	Ant0	2437	-6.35	≤8.00	PASS
	Ant1	2437	-7.9	≤8.00	PASS
	total	2437	-4.05	≤8.00	PASS
	Ant0	2452	-6.44	≤8.00	PASS
	Ant1	2452	-8.61	≤8.00	PASS
	total	2452	-4.38	≤8.00	PASS

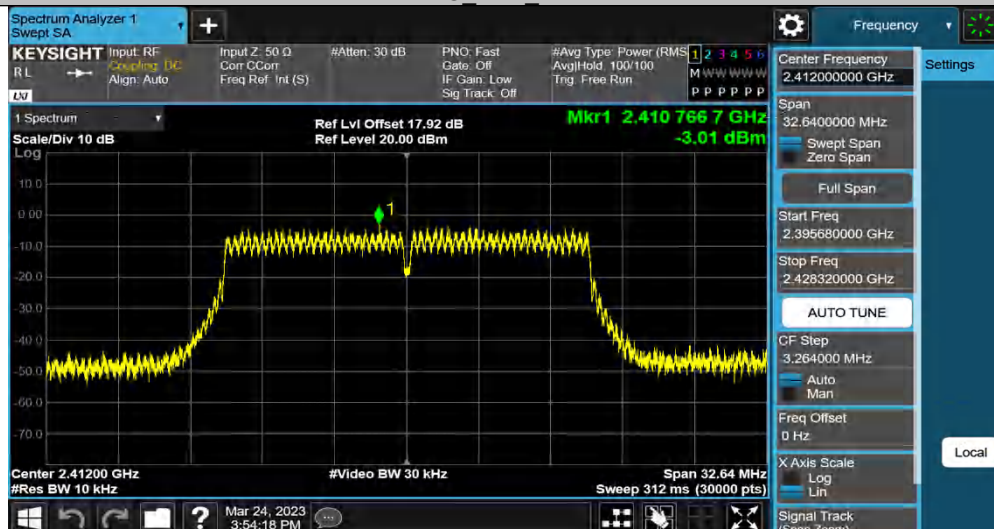




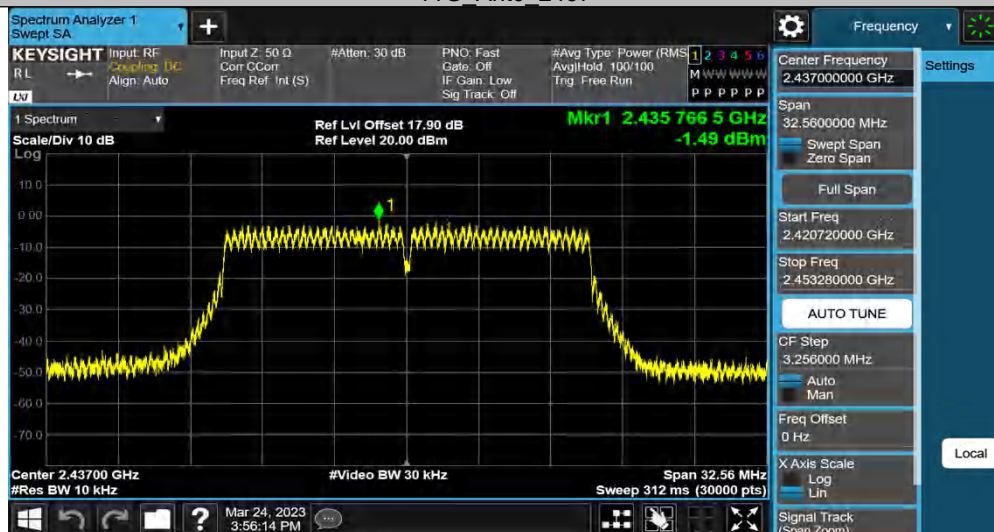
11G_Ant0_2412



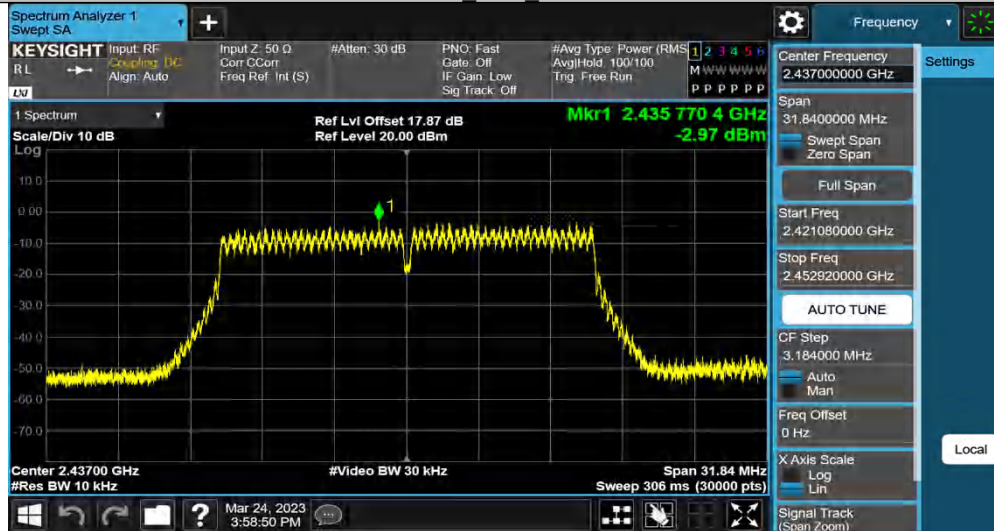
11G_Ant1_2412



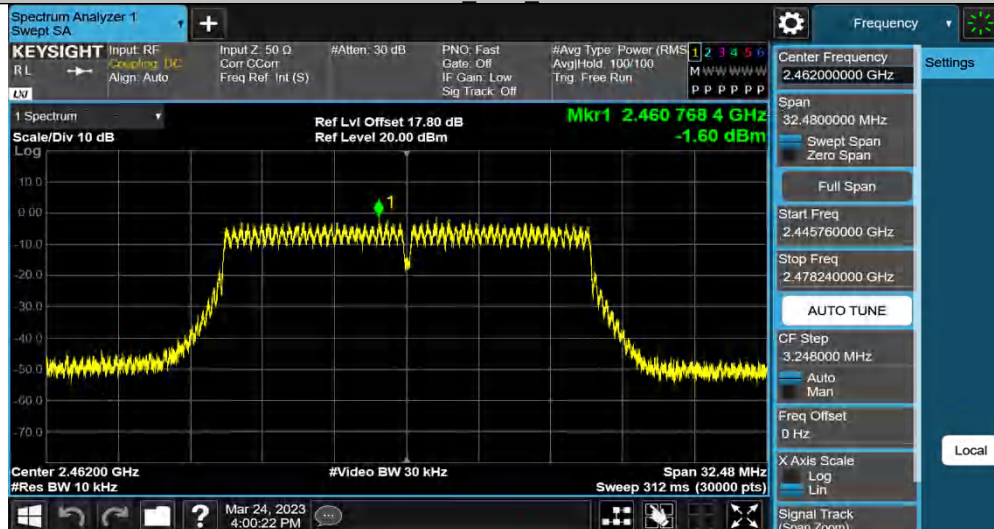
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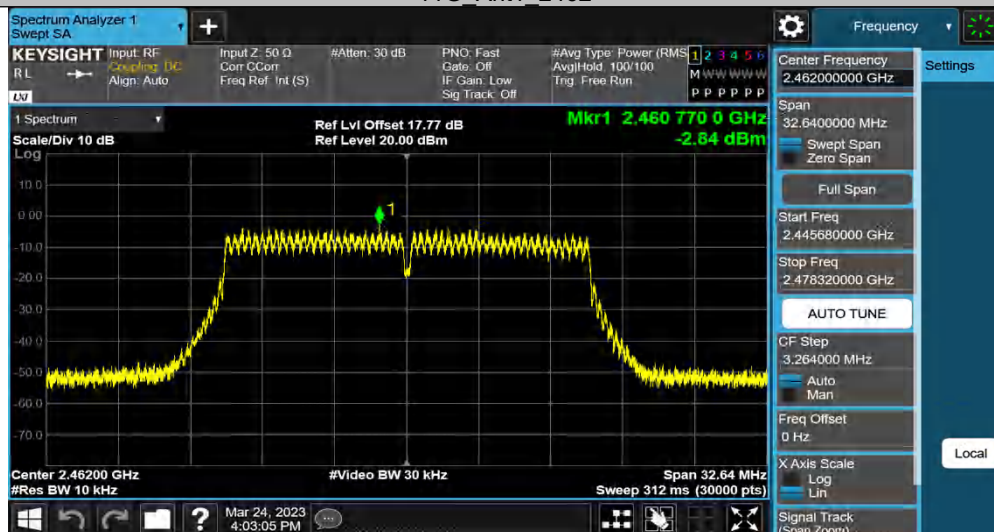
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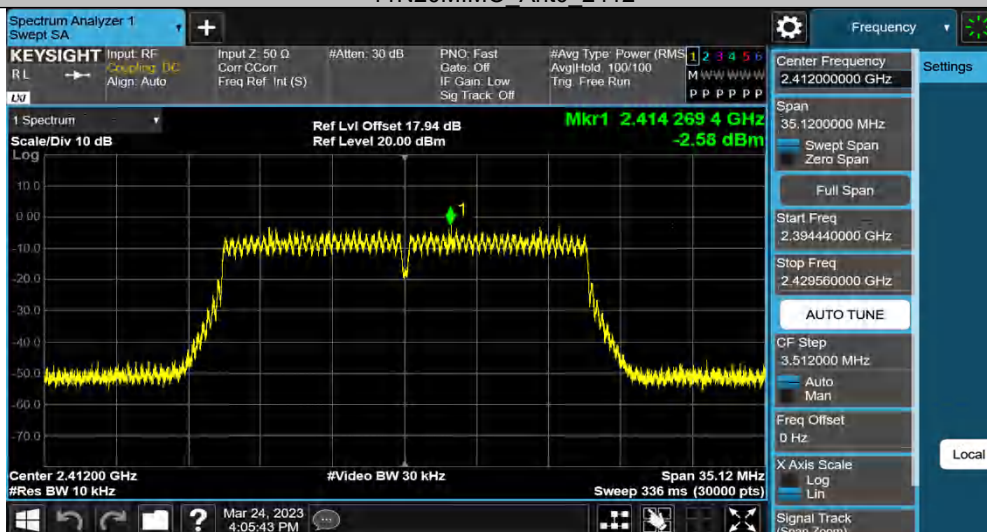
11G_Ant0_2462



11G_Ant1_2462



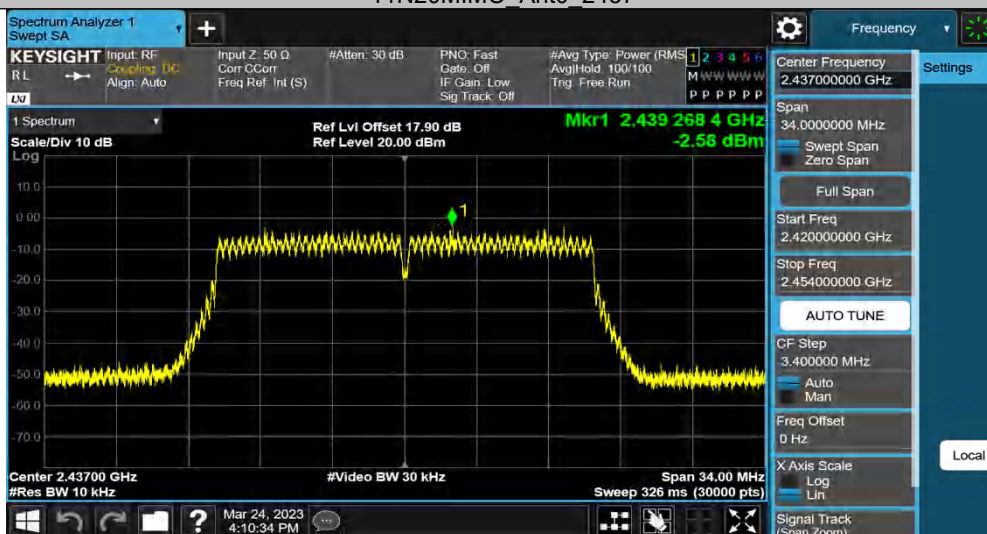
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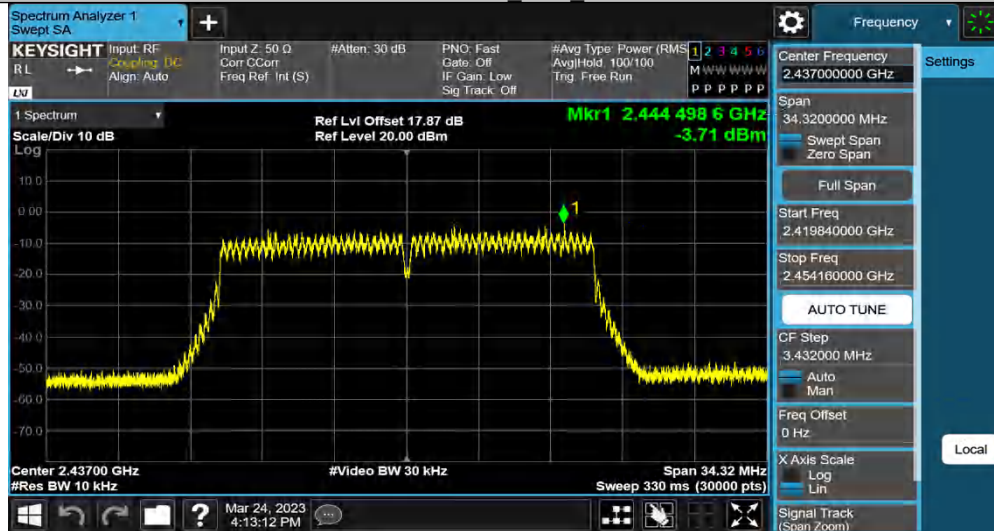
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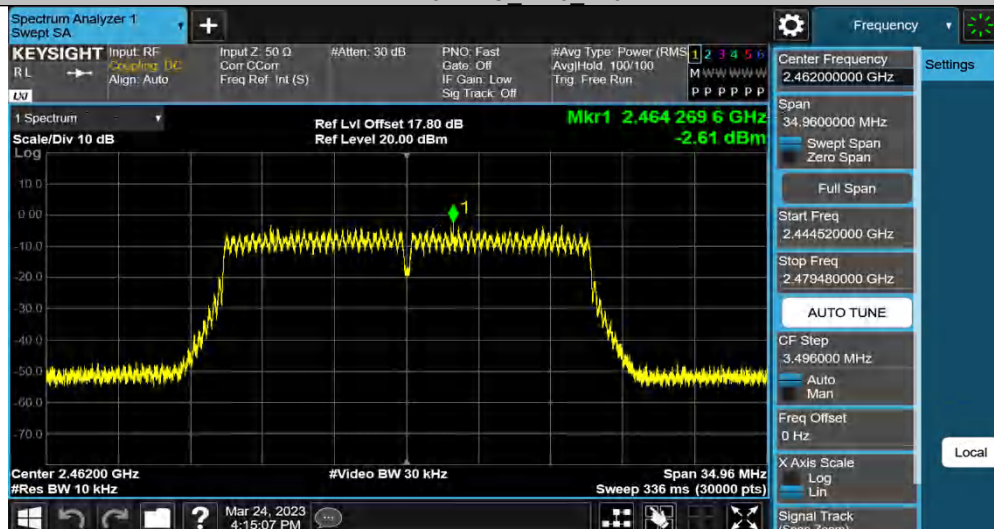
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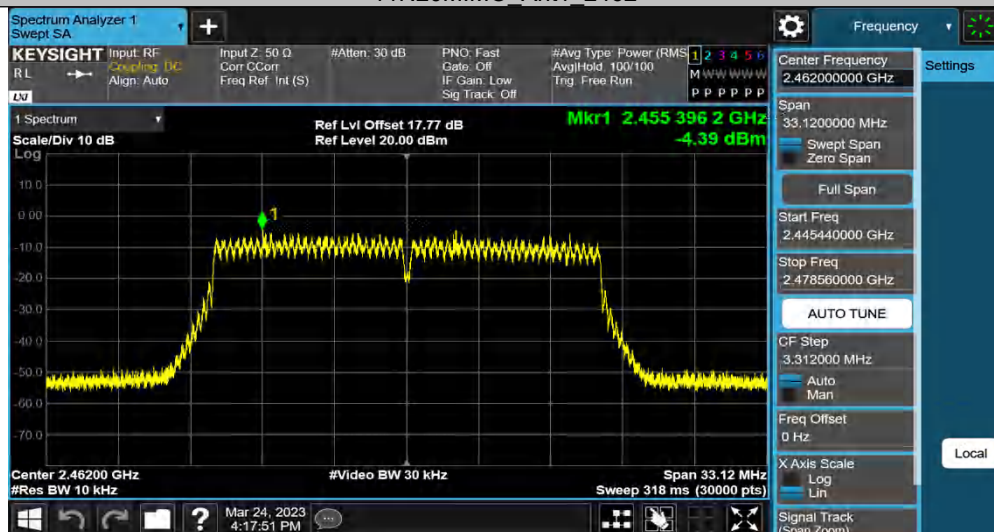
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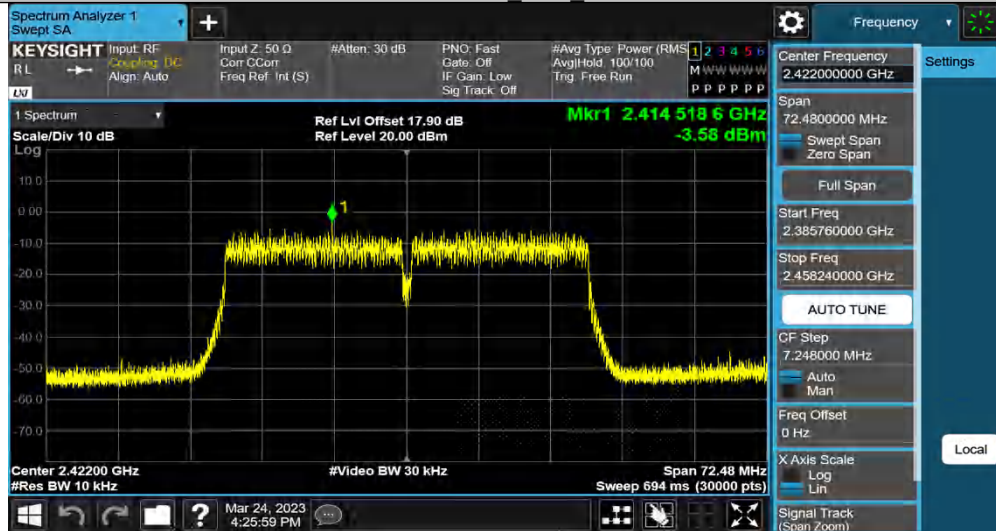
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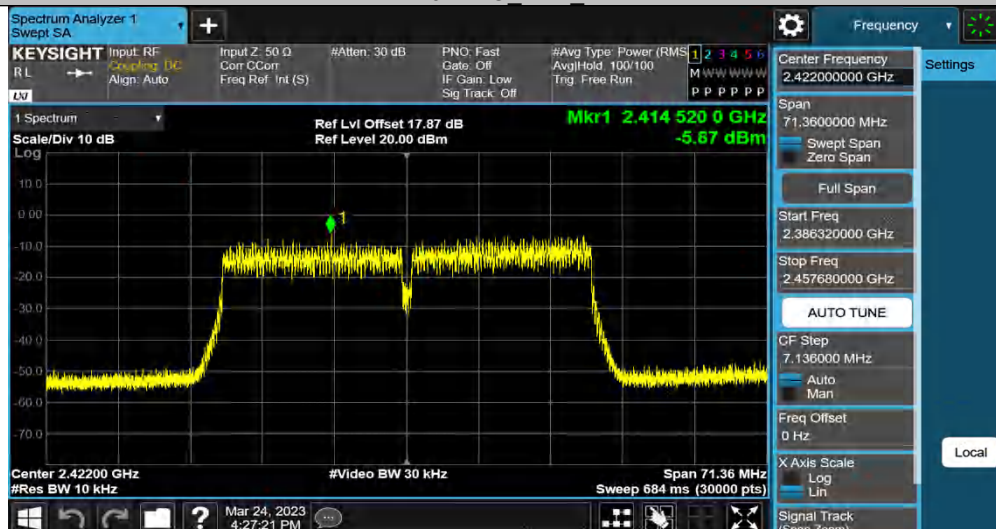
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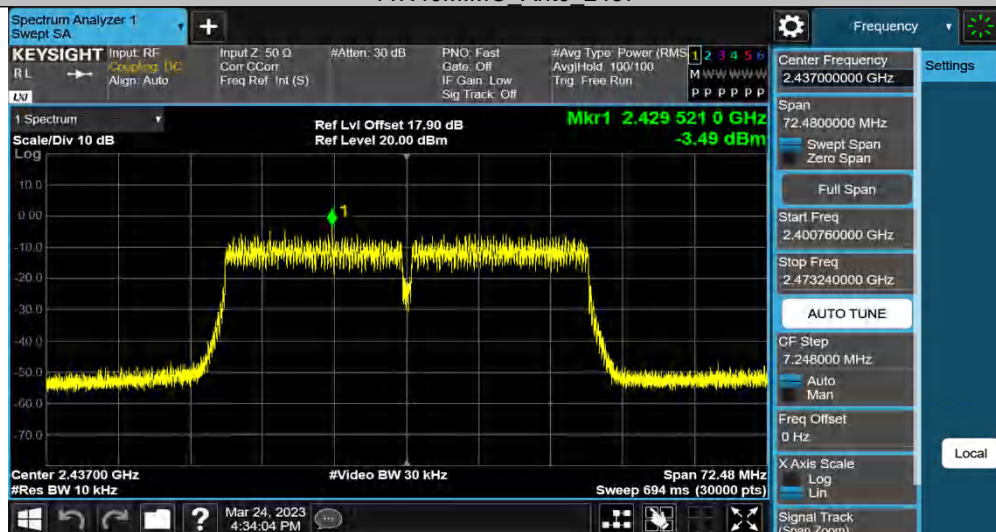
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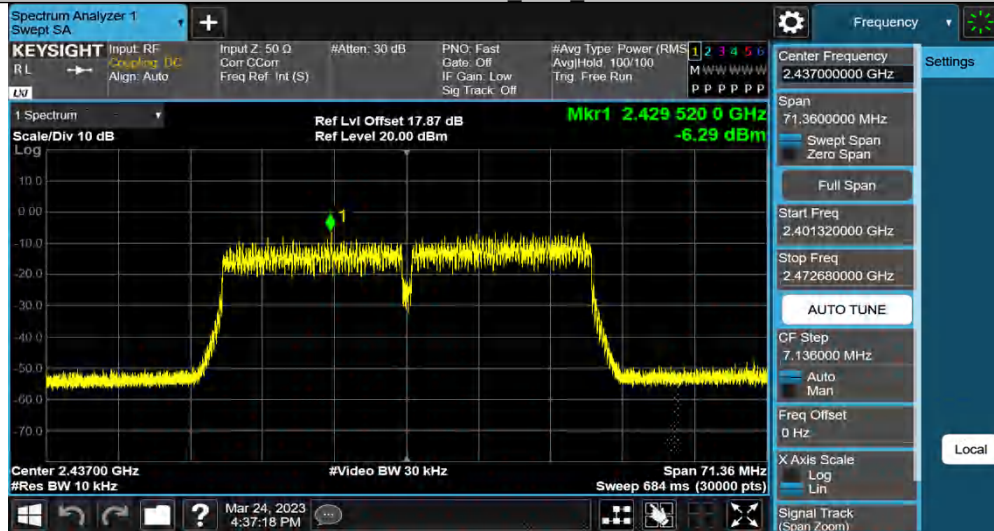
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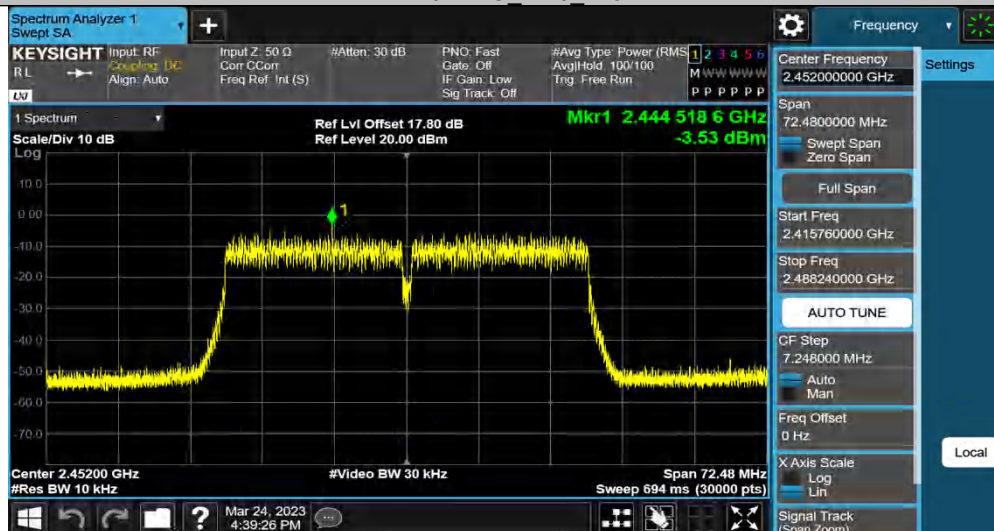
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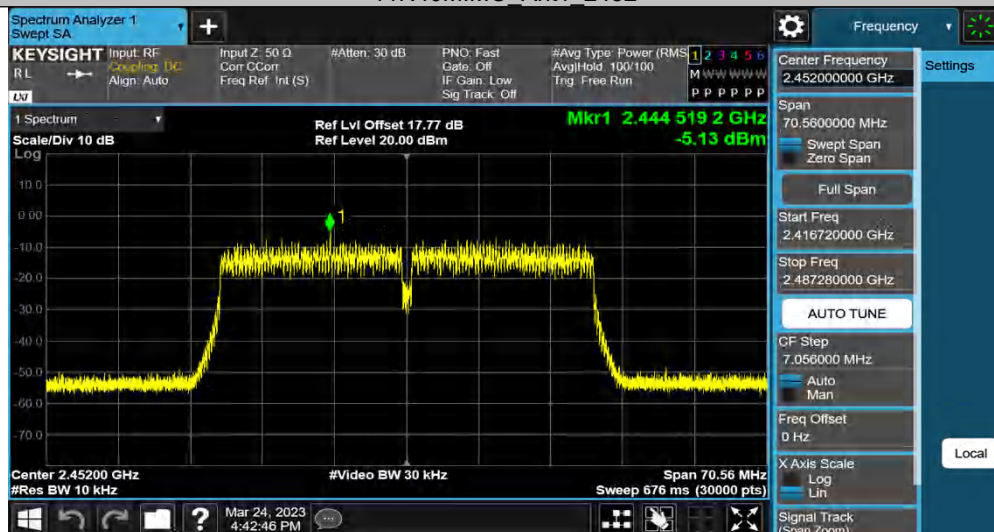
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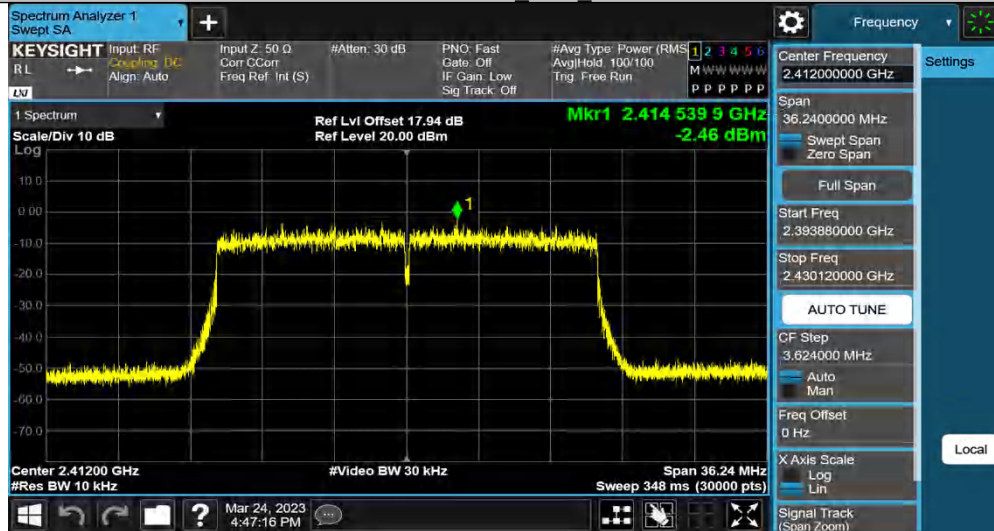
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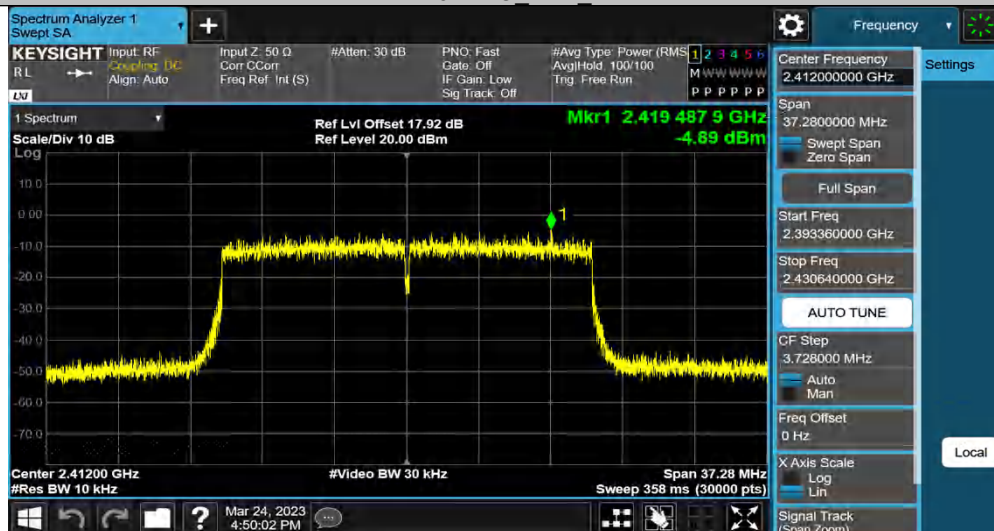
11N40MIMO Ant1 2452



11AX20MIMO_Ant0_2412



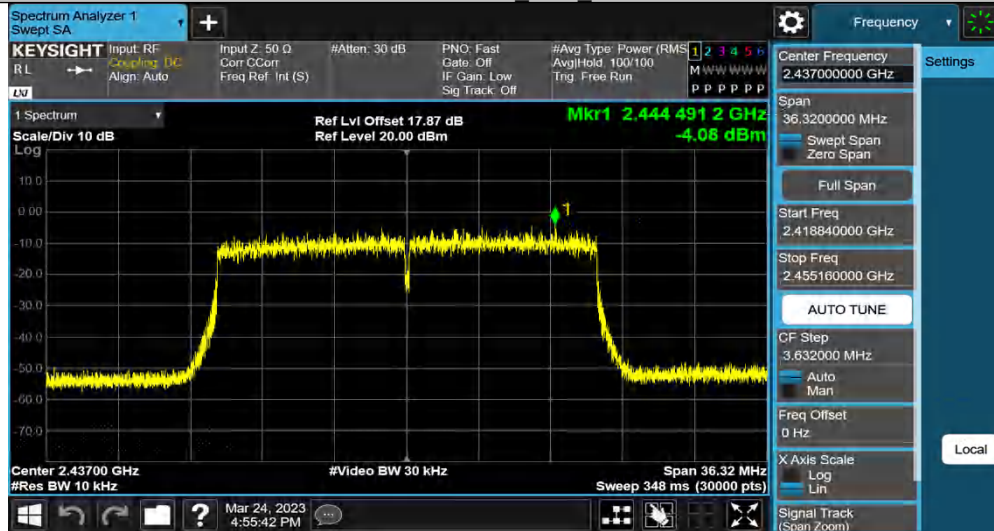
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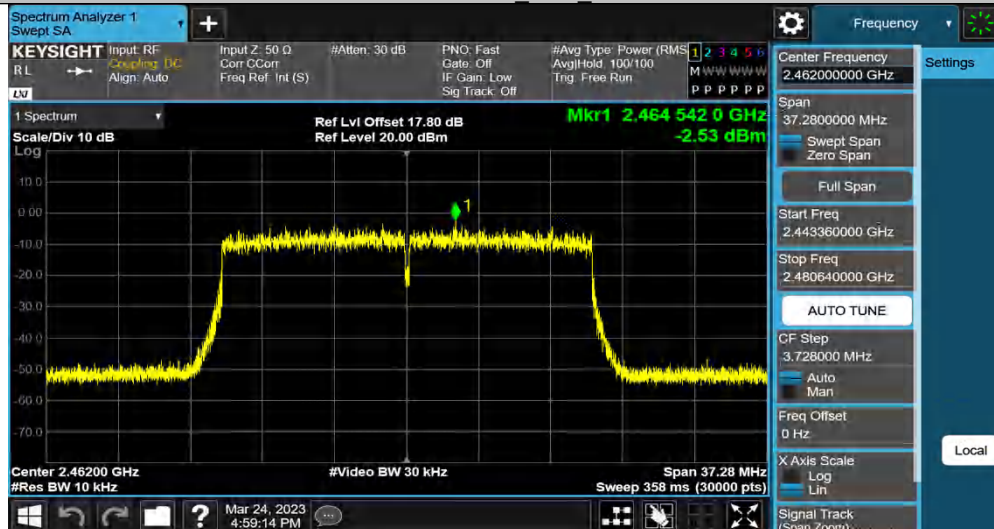
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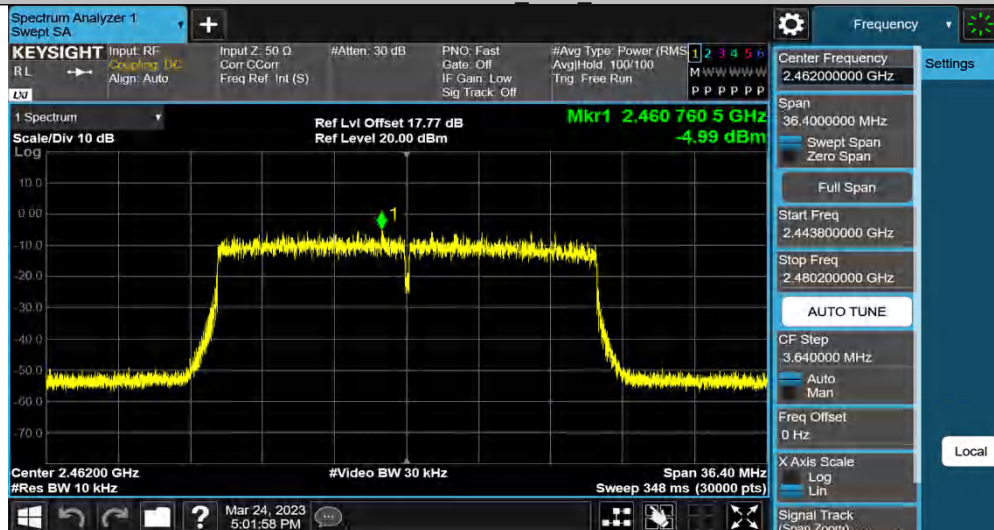
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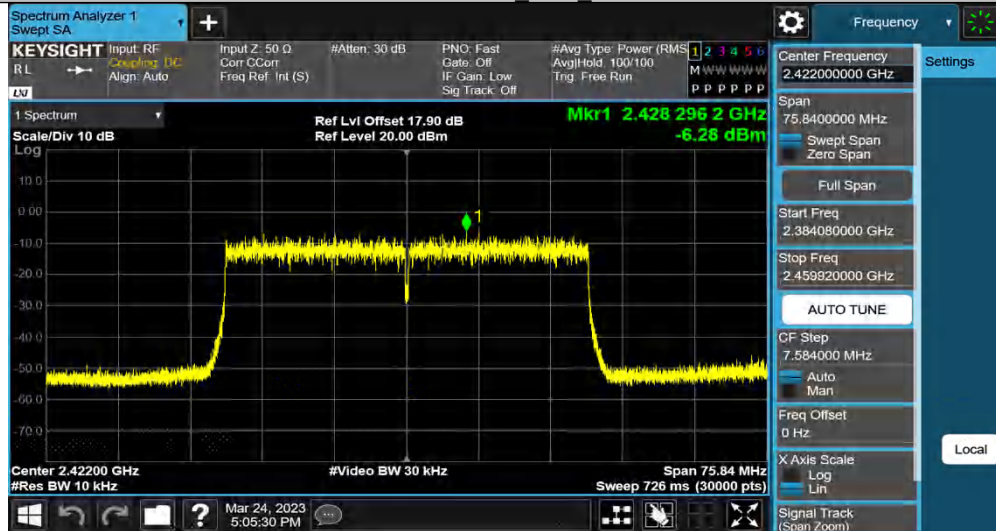
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11AX20MIMO_Ant1_2462



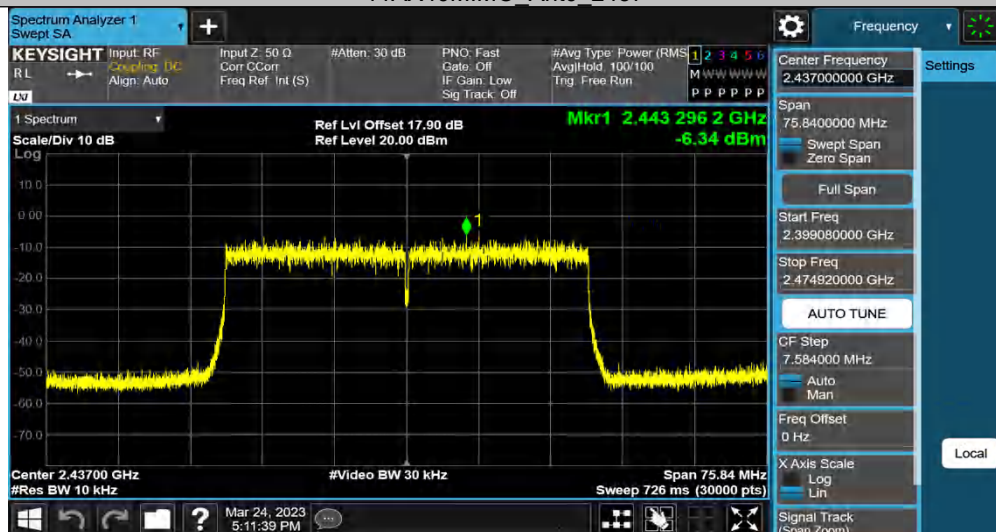
11AX40MIMO_Ant0_2422



11AX40MIMO_Ant1_2422



11AX40MIMO_Ant0_2437





Appendix A.2: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	11.080	2406.960	2418.040	0.5	PASS
	Ant1	2412	10.080	2407.000	2417.080	0.5	PASS
	Ant0	2437	10.120	2431.960	2442.080	0.5	PASS
	Ant1	2437	10.040	2432.000	2442.040	0.5	PASS
	Ant0	2462	10.080	2457.000	2467.080	0.5	PASS
	Ant1	2462	10.080	2457.000	2467.080	0.5	PASS
11G	Ant0	2412	16.040	2404.120	2420.160	0.5	PASS
	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
	Ant0	2437	16.280	2428.880	2445.160	0.5	PASS
	Ant1	2437	15.920	2429.280	2445.200	0.5	PASS
	Ant0	2462	16.240	2453.920	2470.160	0.5	PASS
	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11N20MIMO	Ant0	2412	17.560	2403.240	2420.800	0.5	PASS
	Ant1	2412	17.320	2403.480	2420.800	0.5	PASS
	Ant0	2437	17.000	2428.480	2445.480	0.5	PASS
	Ant1	2437	17.160	2428.640	2445.800	0.5	PASS
	Ant0	2462	17.480	2453.280	2470.760	0.5	PASS
	Ant1	2462	16.560	2453.240	2469.800	0.5	PASS
11N40MIMO	Ant0	2422	36.240	2403.920	2440.160	0.5	PASS
	Ant1	2422	35.680	2404.480	2440.160	0.5	PASS
	Ant0	2437	36.240	2418.920	2455.160	0.5	PASS
	Ant1	2437	35.680	2419.480	2455.160	0.5	PASS
	Ant0	2452	36.240	2433.920	2470.160	0.5	PASS
	Ant1	2452	35.280	2434.480	2469.760	0.5	PASS
11AX20MIMO	Ant0	2412	18.120	2402.840	2420.960	0.5	PASS
	Ant1	2412	18.640	2402.640	2421.280	0.5	PASS
	Ant0	2437	18.760	2427.720	2446.480	0.5	PASS
	Ant1	2437	18.160	2428.280	2446.440	0.5	PASS
	Ant0	2462	18.640	2452.640	2471.280	0.5	PASS
	Ant1	2462	18.200	2452.600	2470.800	0.5	PASS
11AX40MIMO	Ant0	2422	37.920	2403.120	2441.040	0.5	PASS
	Ant1	2422	36.560	2404.480	2441.040	0.5	PASS
	Ant0	2437	37.920	2418.120	2456.040	0.5	PASS
	Ant1	2437	36.560	2419.480	2456.040	0.5	PASS
	Ant0	2452	37.920	2433.120	2471.040	0.5	PASS
	Ant1	2452	36.640	2434.400	2471.040	0.5	PASS

11B_Ant0_2412



11B_Ant1_2412



11B_Ant0_2437



11B_Ant1_2437



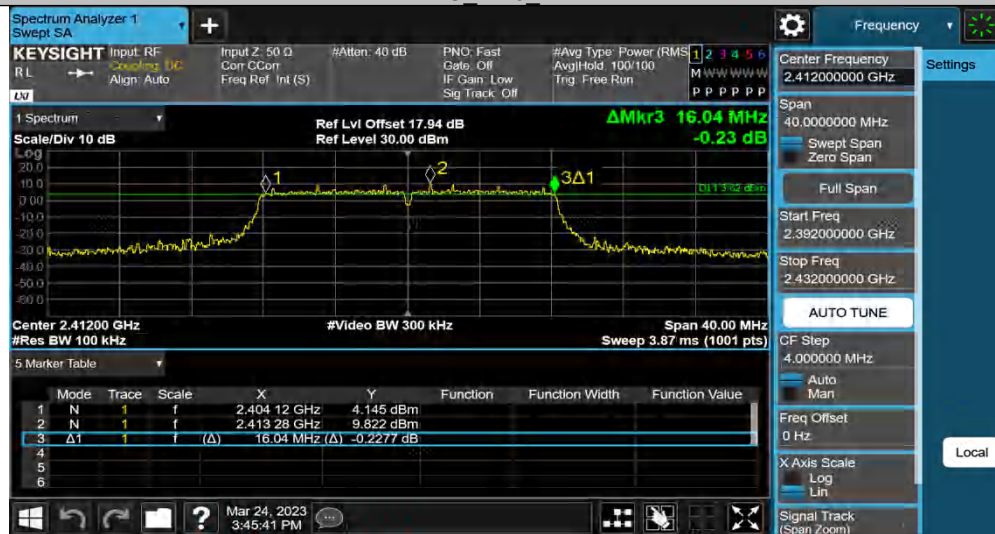
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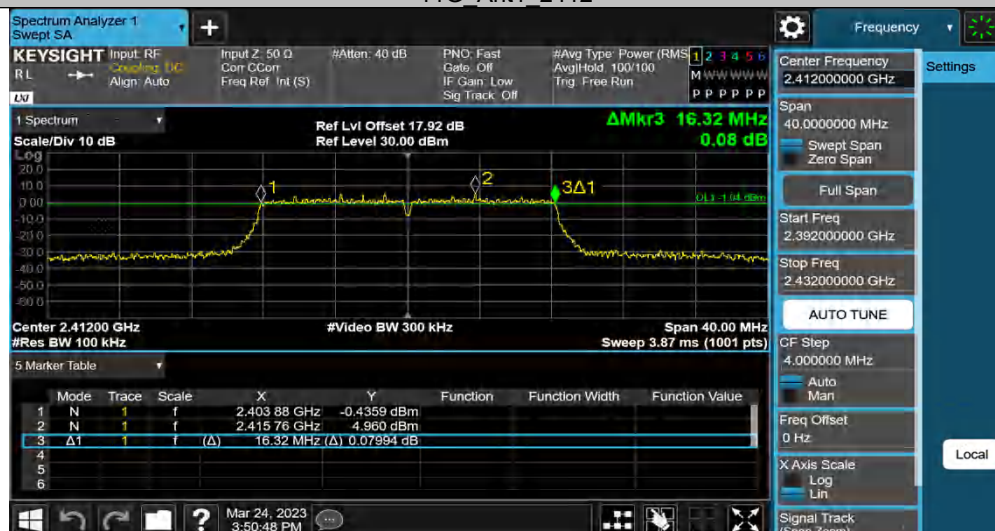
11B_Ant1_2462



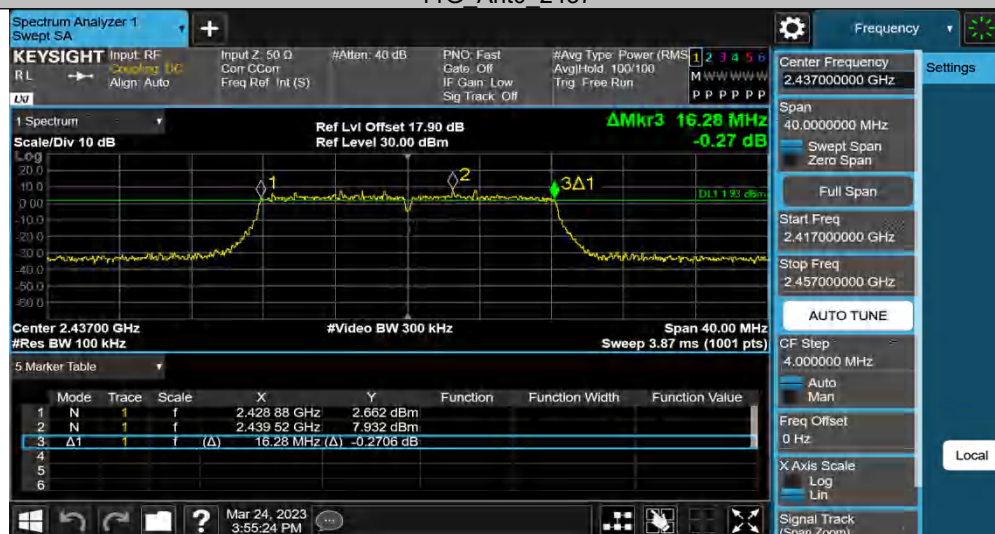
11G_Ant0_2412



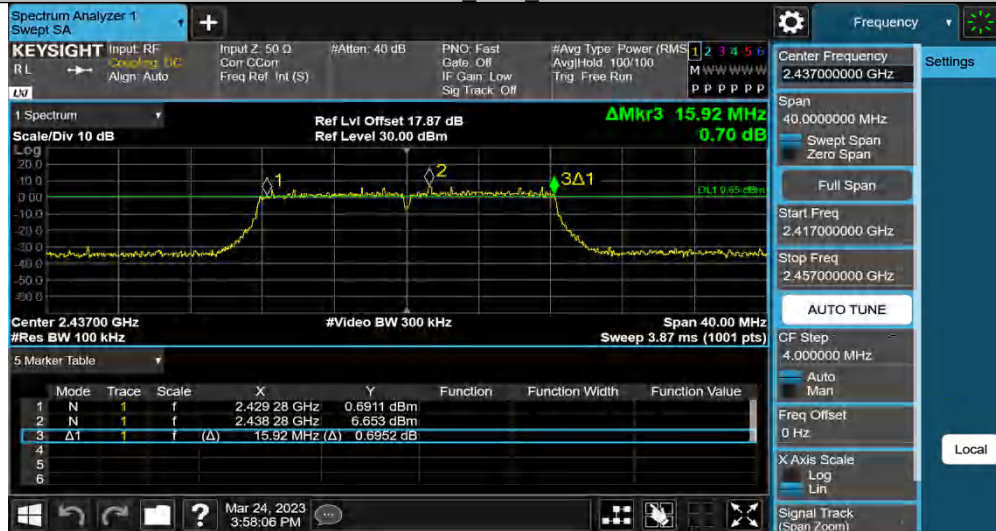
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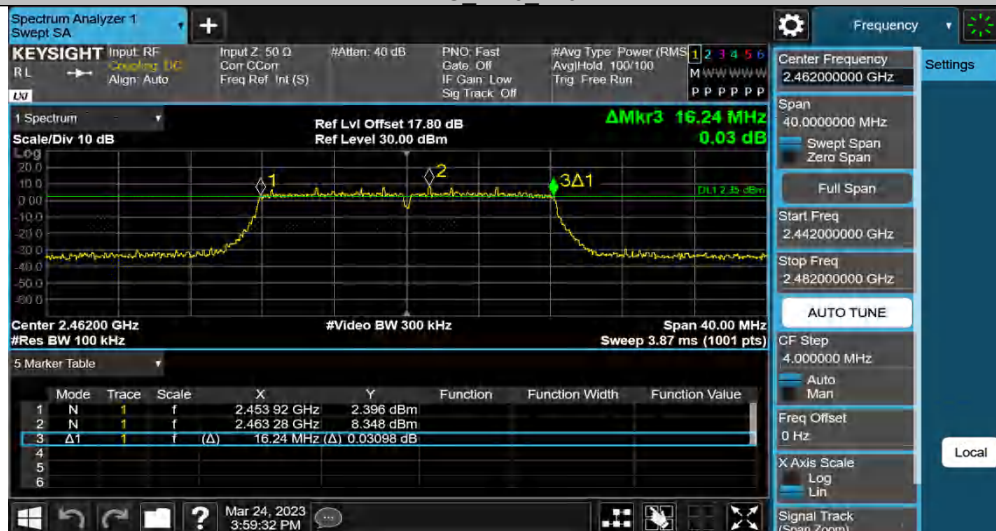
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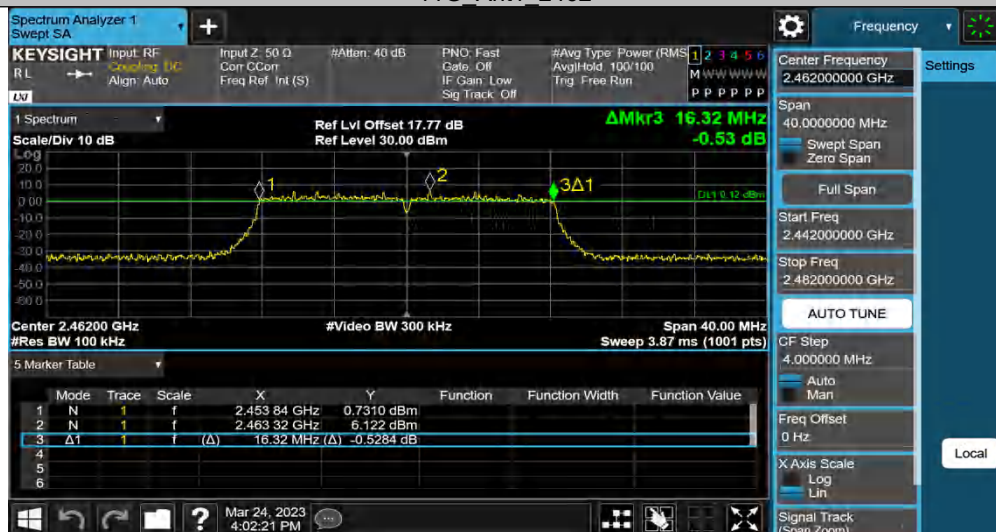
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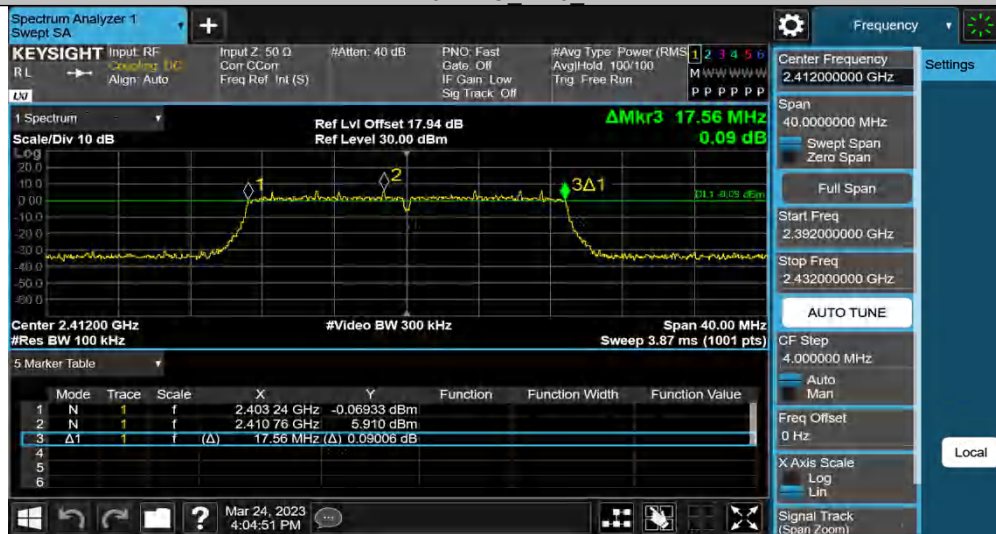
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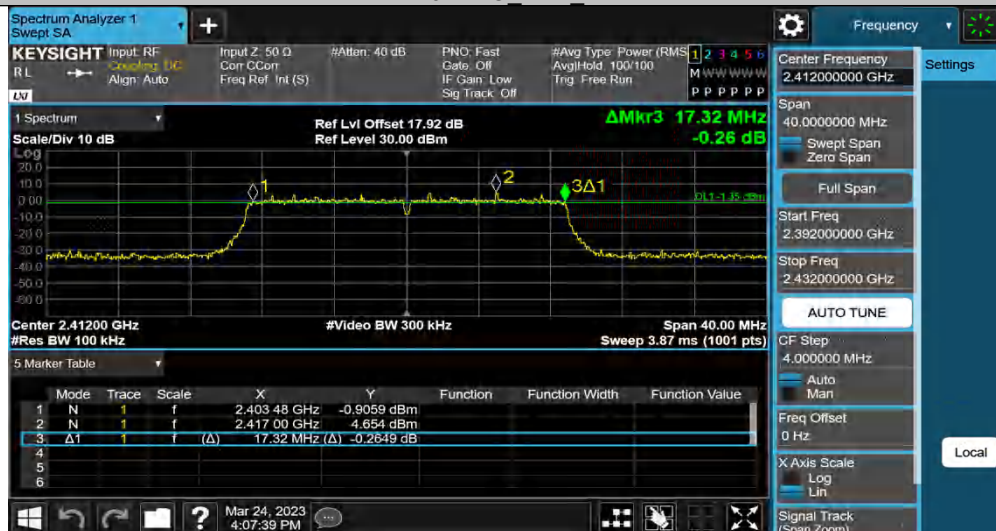
11G_Ant1_2462



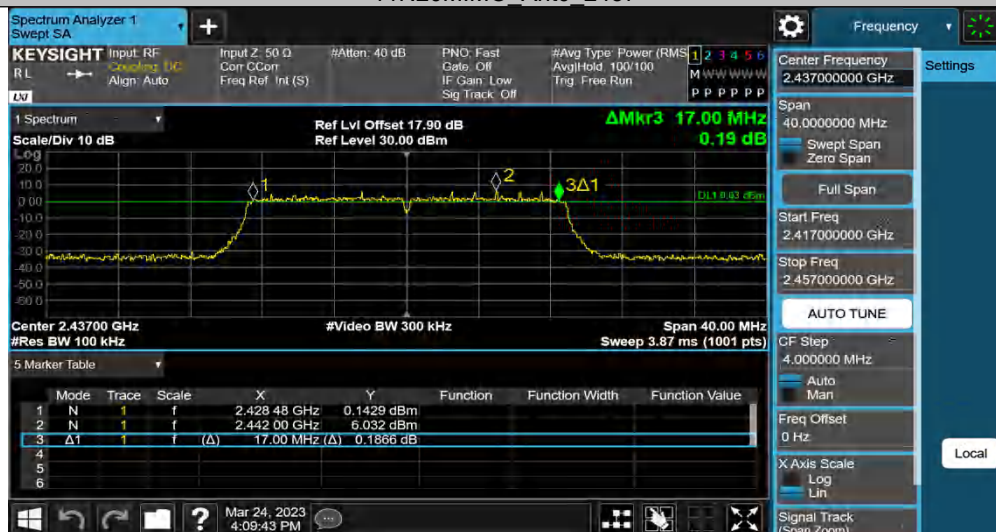
11N20MIMO Ant0 2412



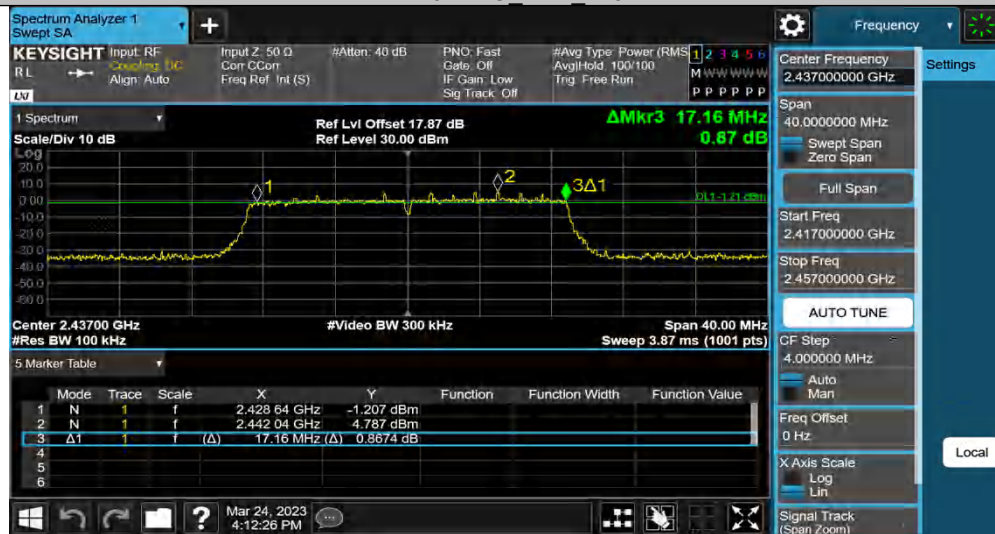
11N20MIMO Ant1 2412



11N20MIMO Ant0 2437



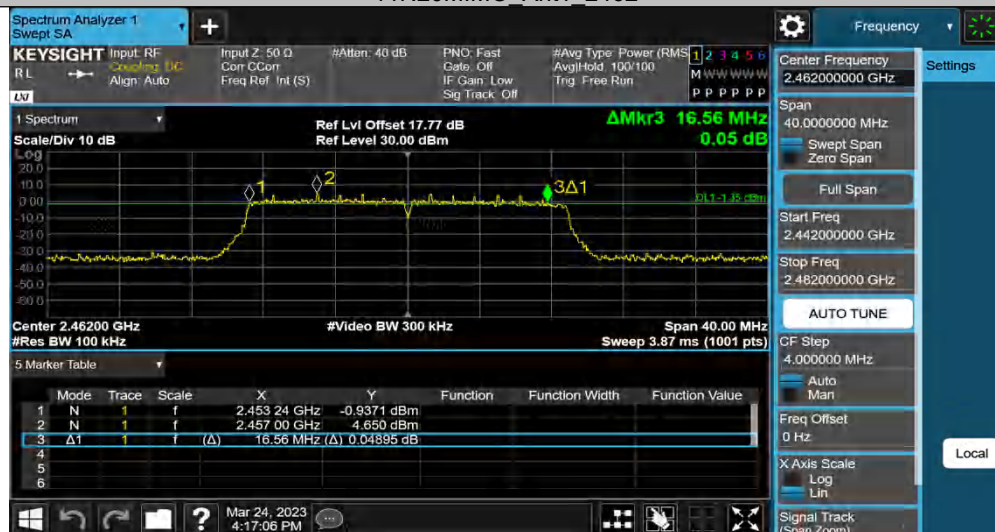
11N20MIMO Ant1 2437



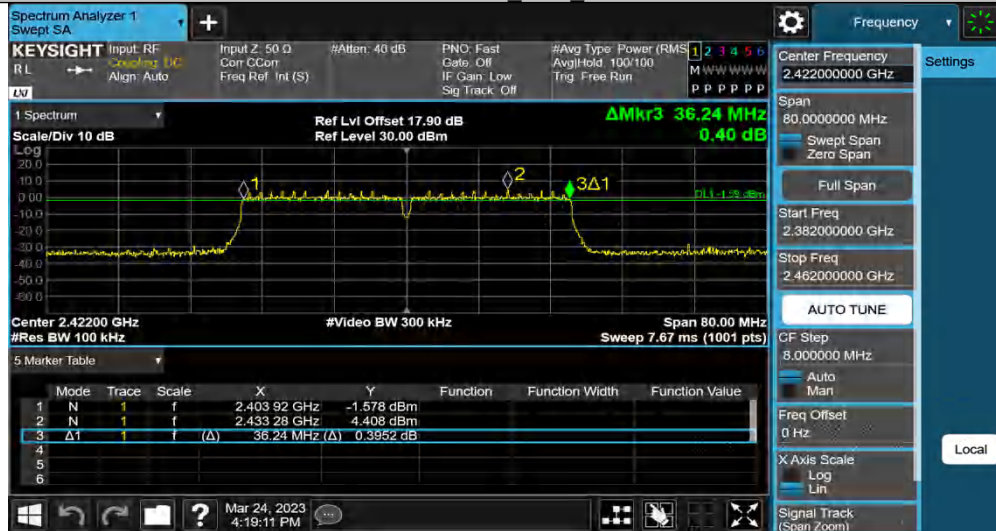
11N20MIMO Ant0 2462



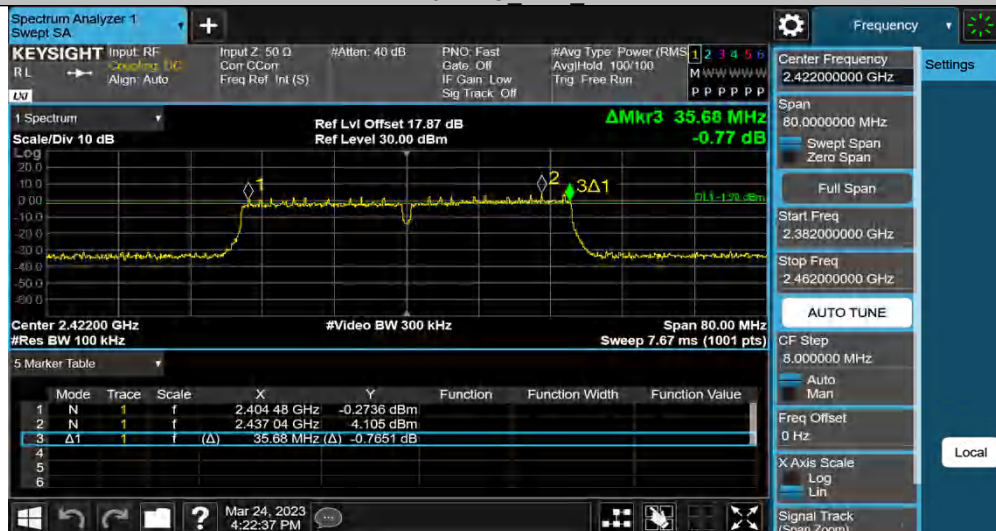
11N20MIMO Ant1 2462



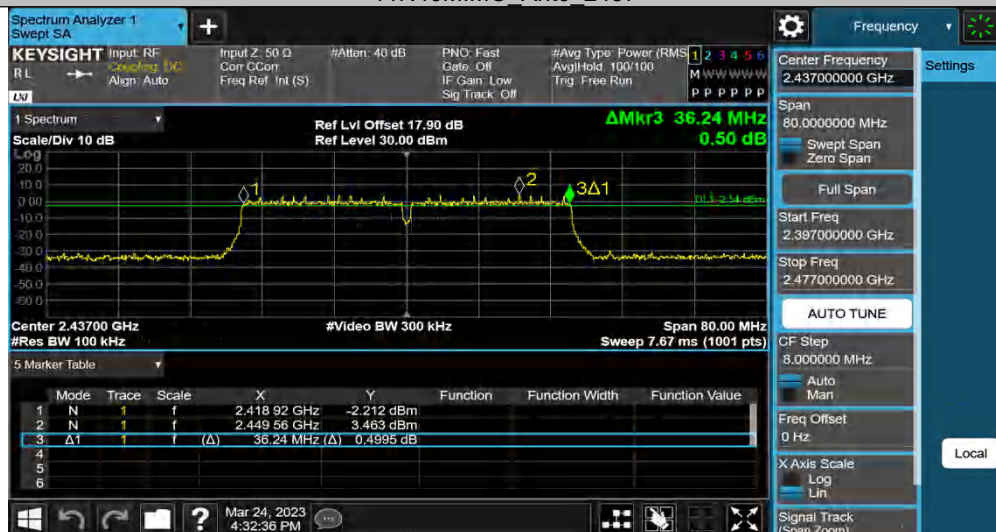
11N40MIMO Ant0 2422



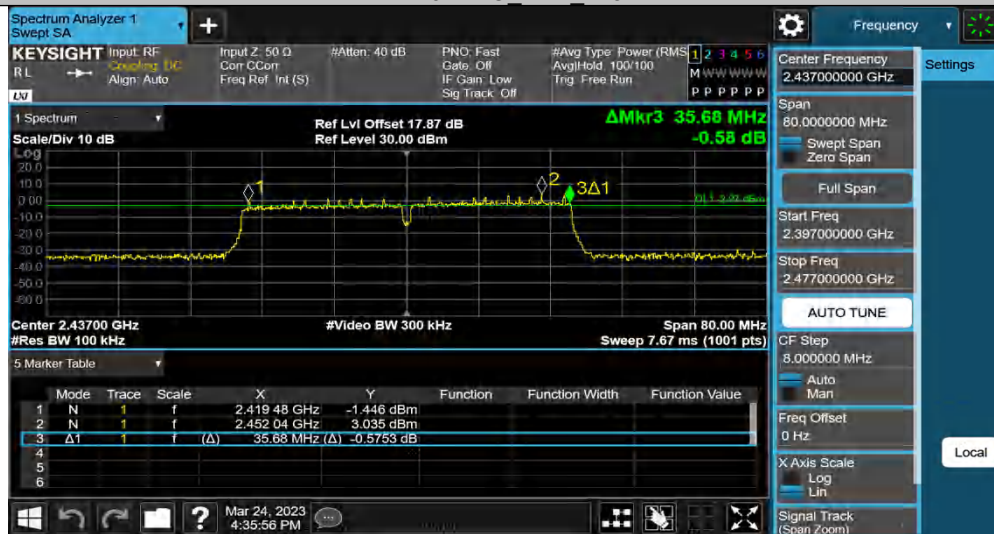
11N40MIMO Ant1 2422



11N40MIMO Ant0 2437



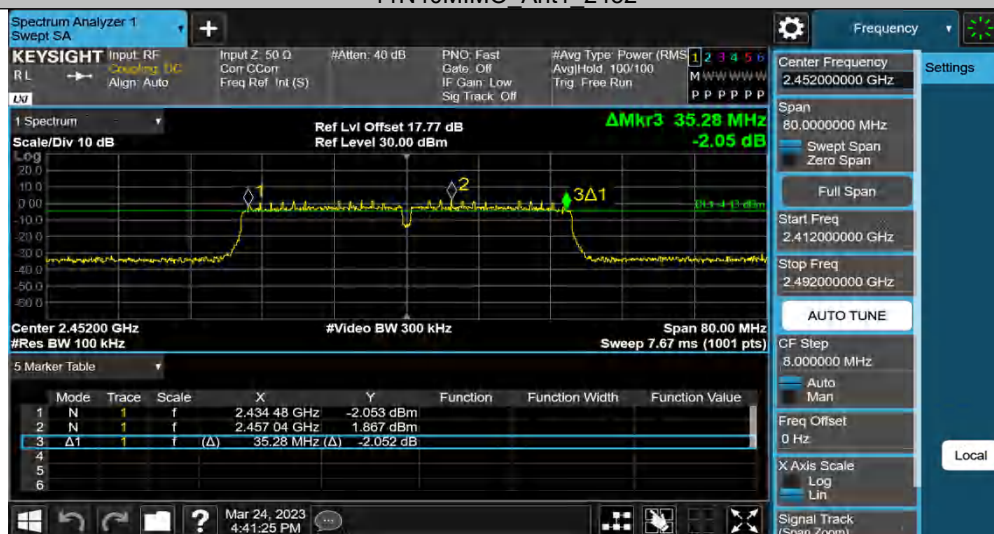
11N40MIMO Ant1 2437



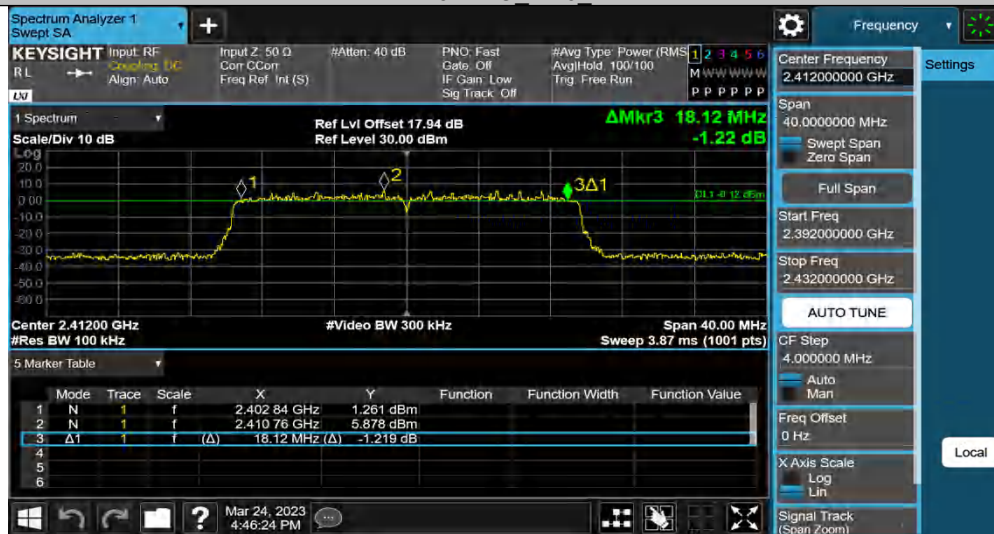
11N40MIMO Ant0 2452



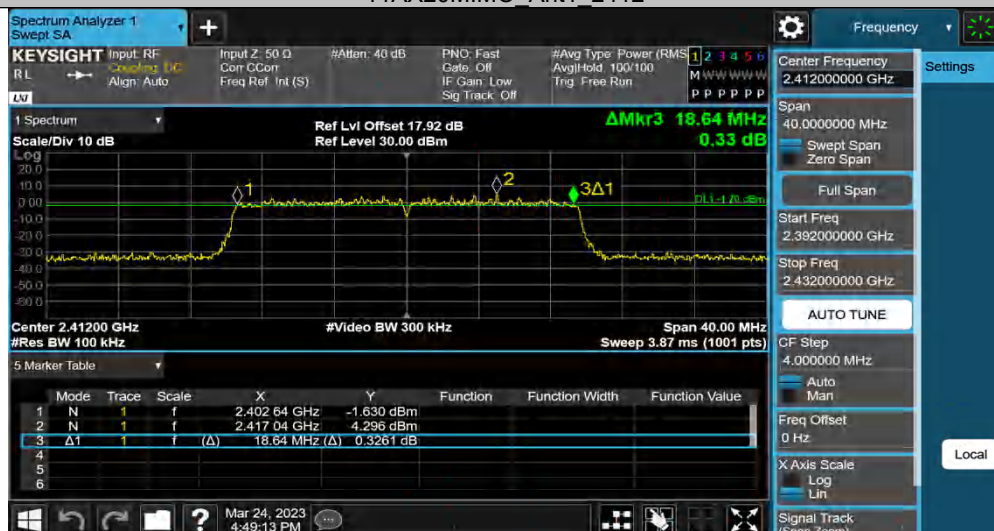
11N40MIMO Ant1 2452



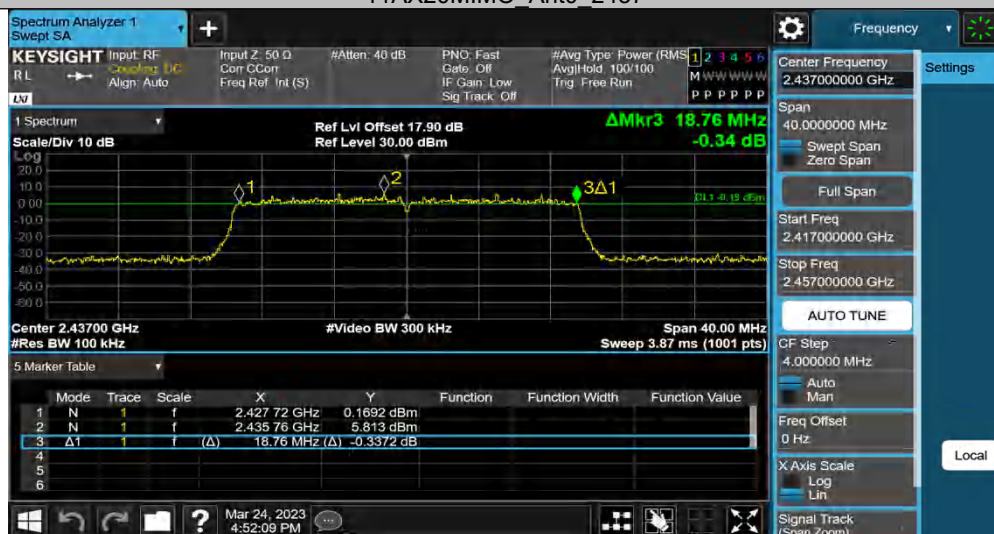
11AX20MIMO_Ant0_2412



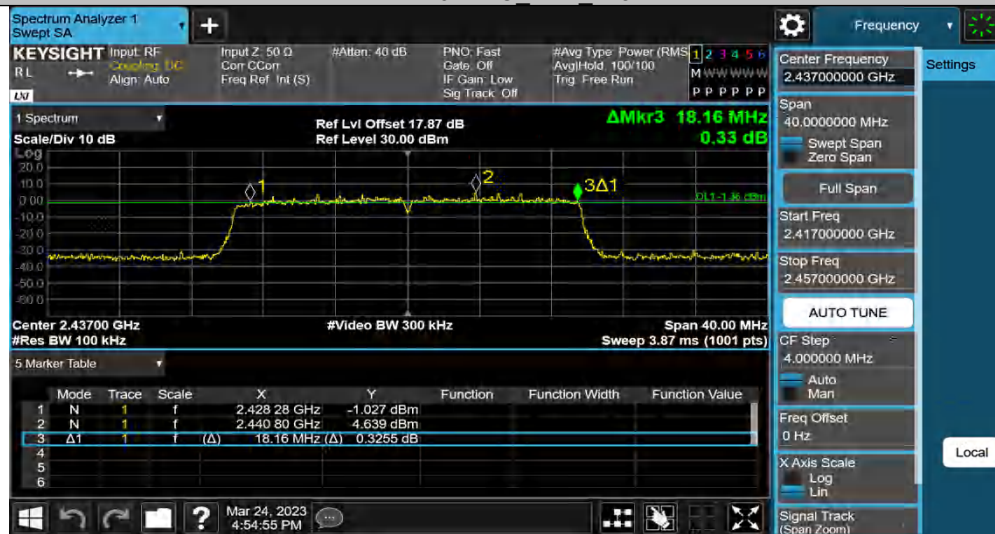
11AX20MIMO_Ant1_2412



11AX20MIMO_Ant0_2437



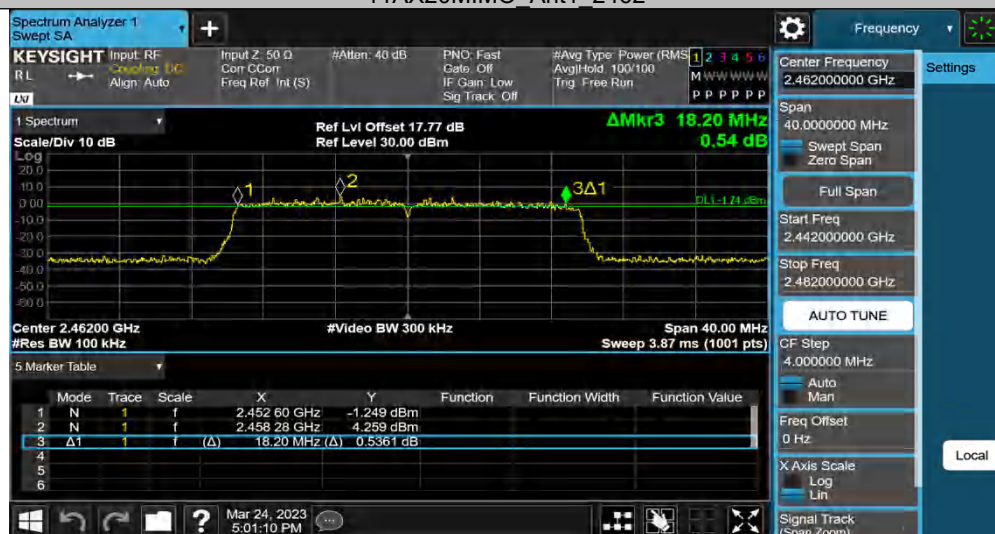
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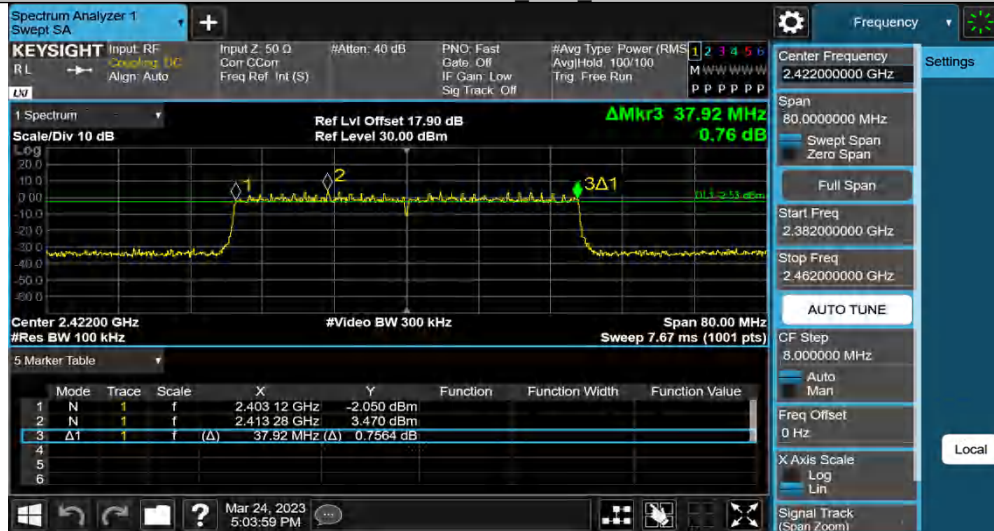
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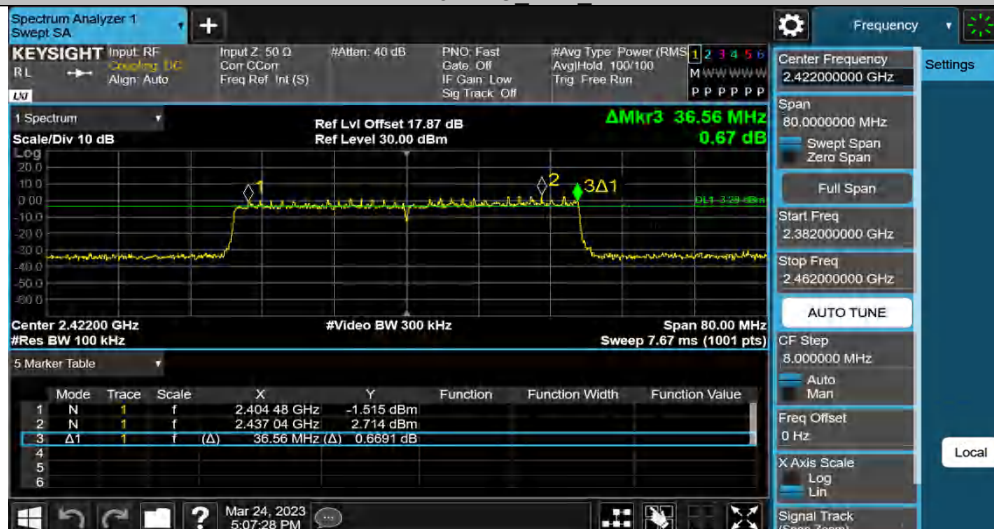
11AX20MIMO_Ant1_2462



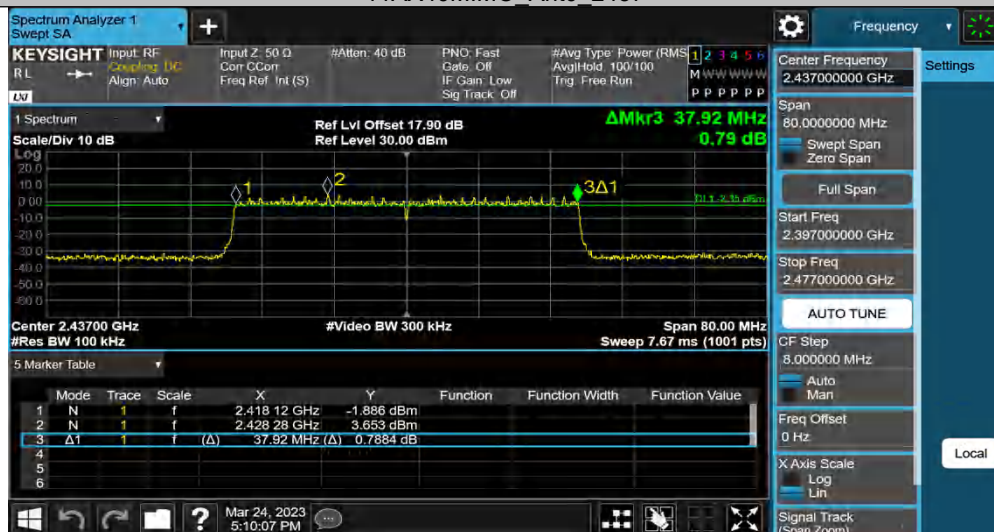
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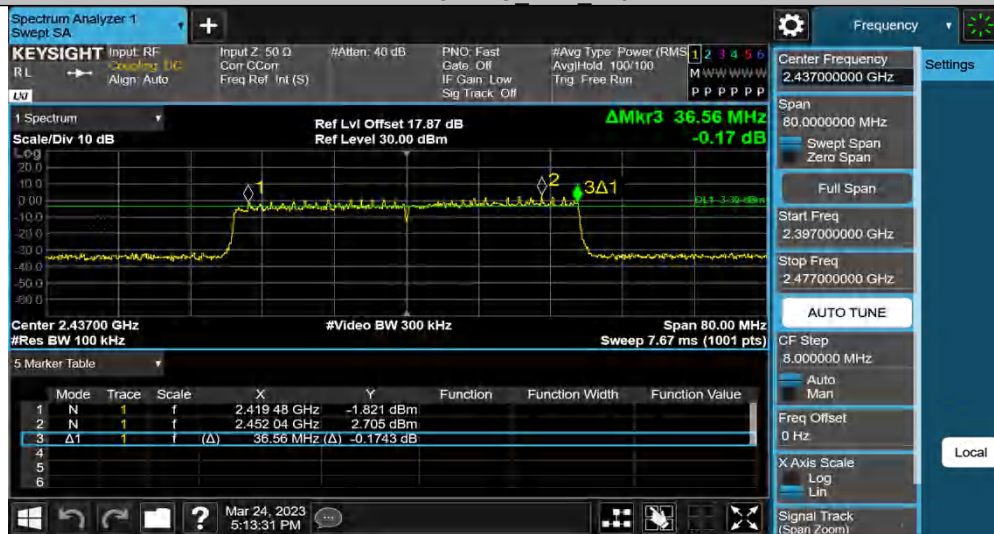
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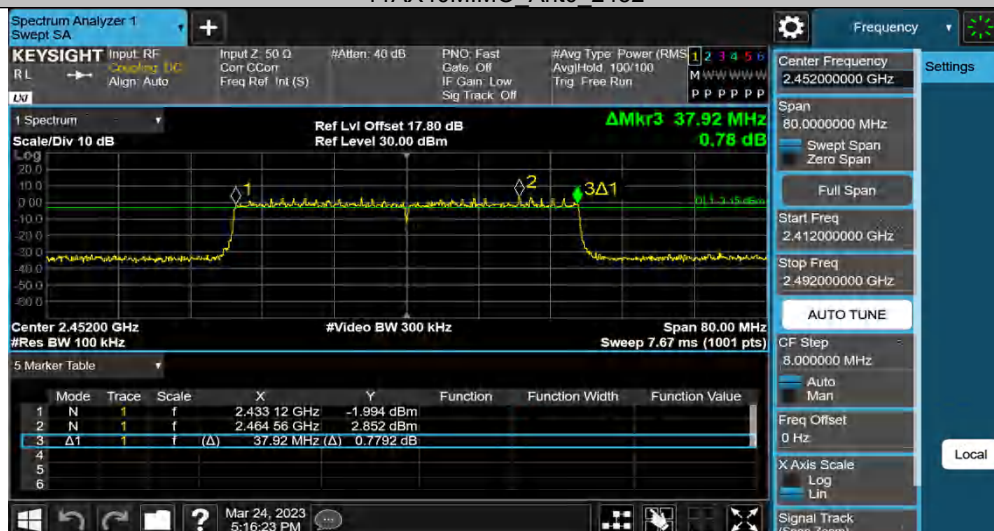
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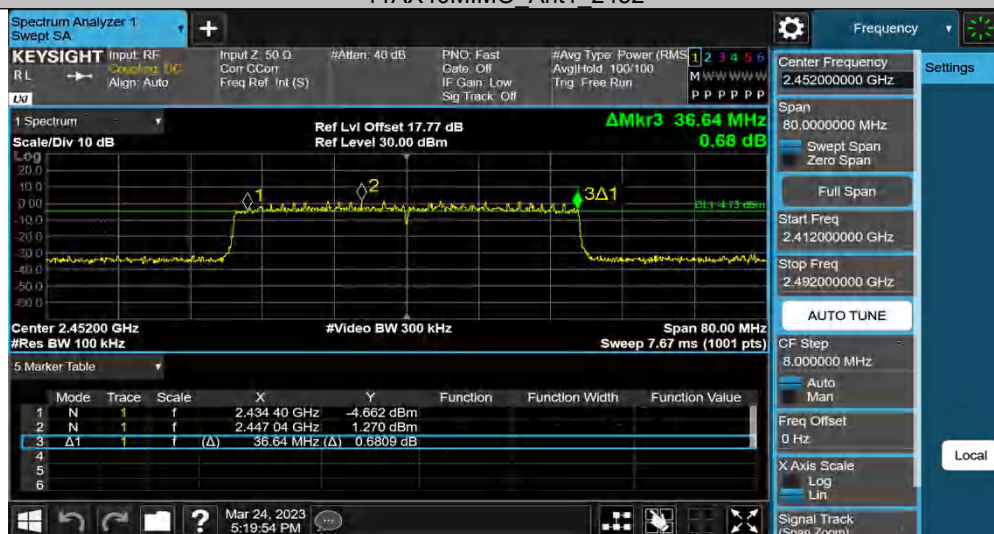
11AX40MIMO_Ant1_2437



11AX40MIMO_Ant0_2452

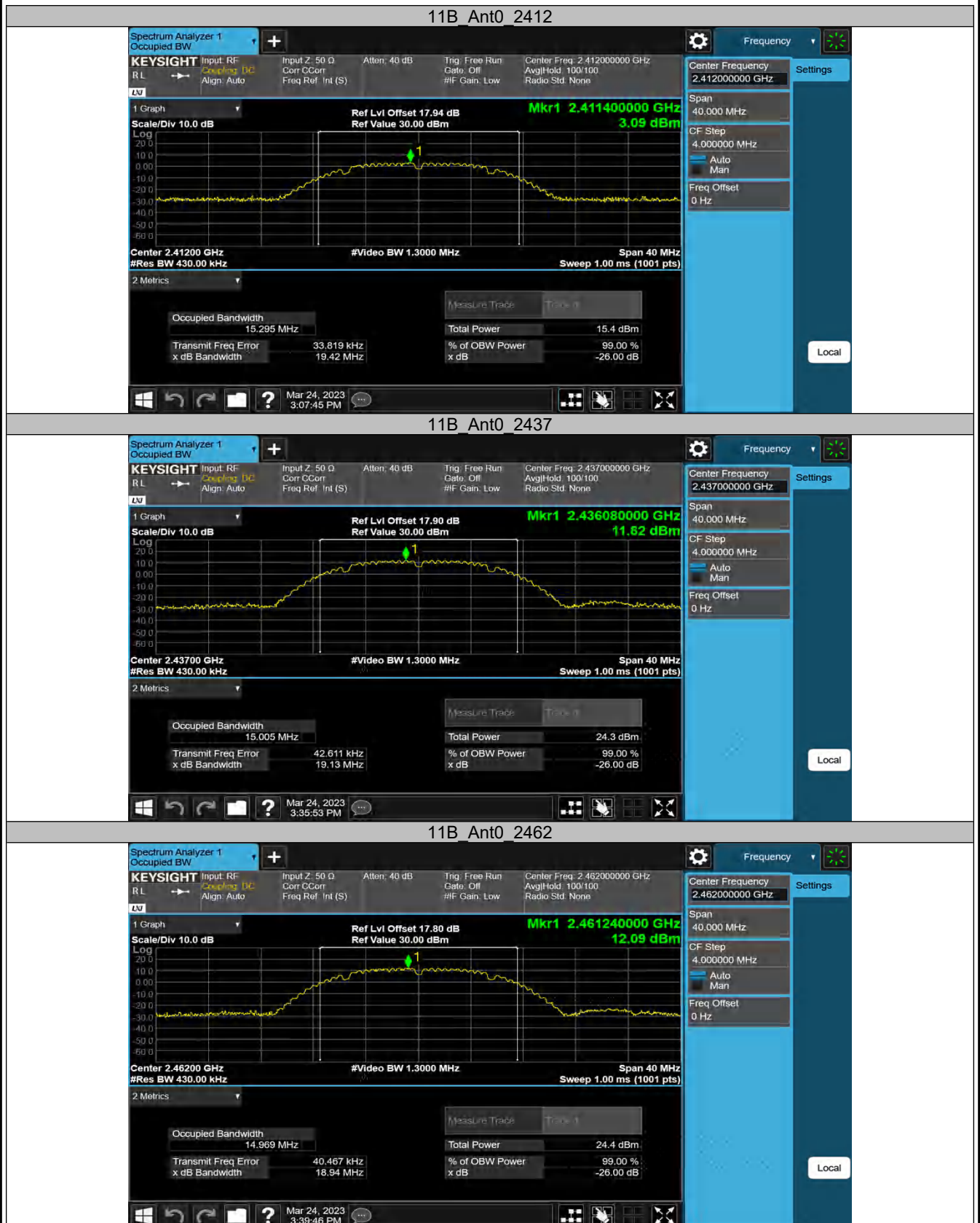


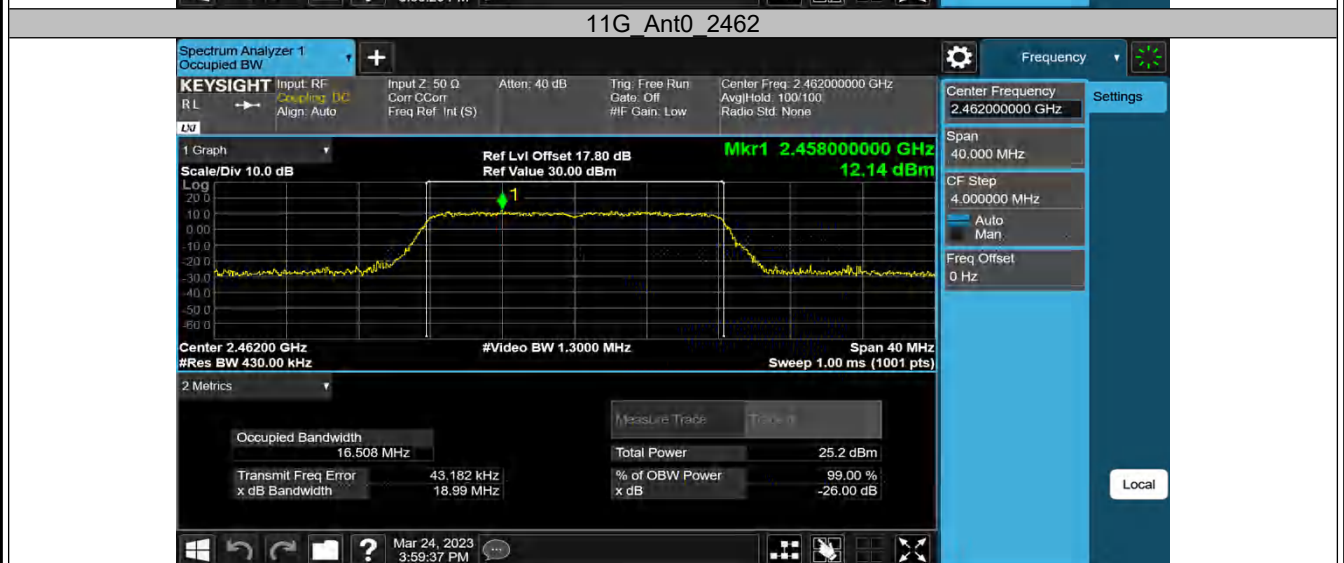
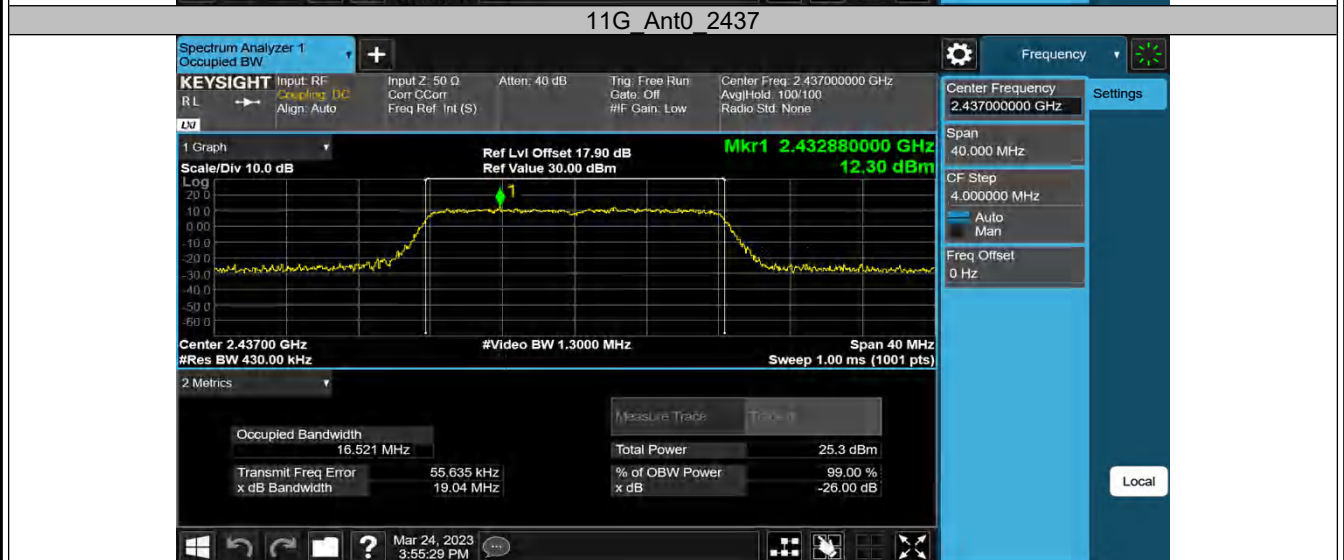
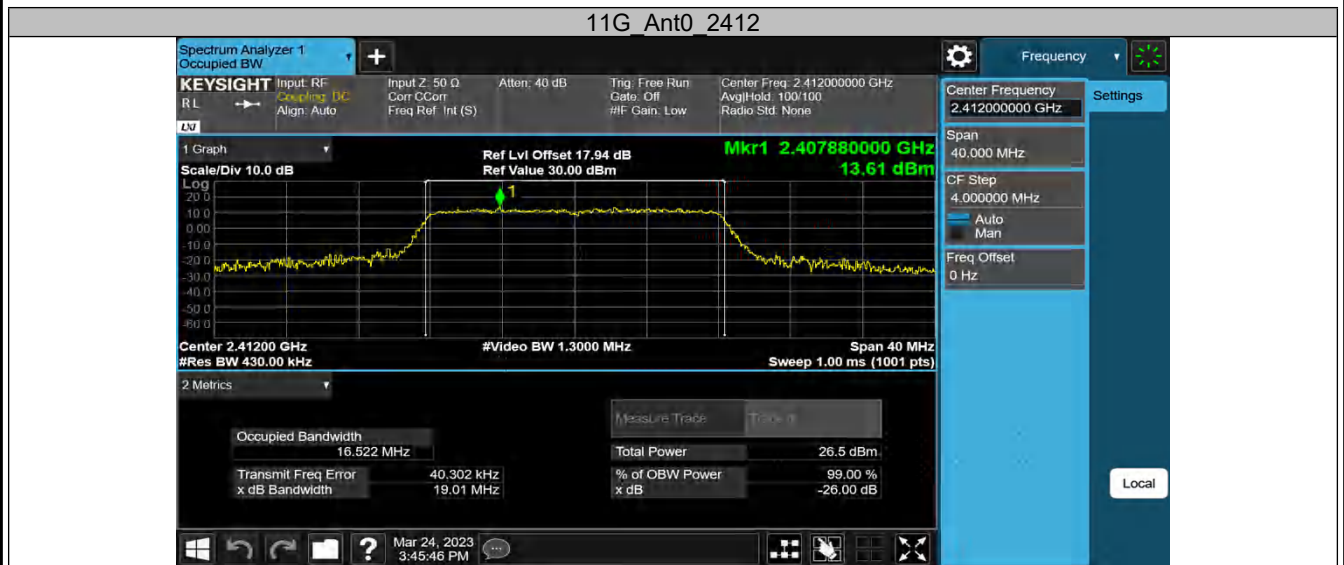
11AX40MIMO_Ant1_2452



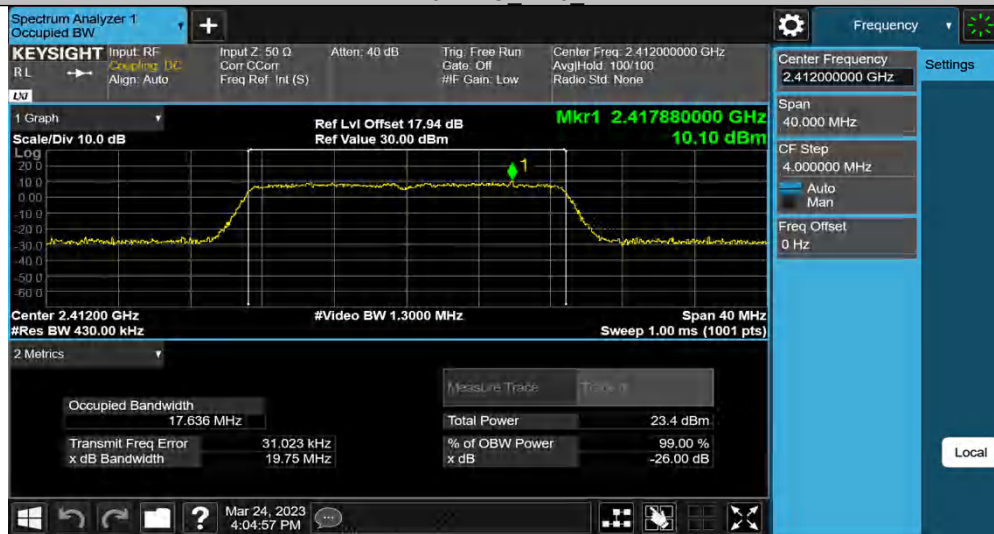
Appendix A.3: Test Results of 99% Bandwidth

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	15.295	2404.3863	2419.6813	---	PASS
		2437	15.005	2429.5401	2444.5451	---	PASS
		2462	14.969	2454.5560	2469.5250	---	PASS
11G	Ant0	2412	16.522	2403.7793	2420.3013	---	PASS
		2437	16.521	2428.7951	2445.3161	---	PASS
		2462	16.508	2453.7892	2470.2972	---	PASS
11N20MIMO	Ant0	2412	17.636	2403.2130	2420.8490	---	PASS
		2437	17.652	2428.1947	2445.8467	---	PASS
		2462	17.647	2453.2028	2470.8498	---	PASS
11N40MIMO	Ant0	2422	36.265	2403.9184	2440.1834	---	PASS
		2437	36.278	2418.9385	2455.2165	---	PASS
		2452	36.254	2433.9171	2470.1711	---	PASS
11AX20MIMO	Ant0	2412	19.025	2402.5085	2421.5335	---	PASS
		2437	18.985	2427.5163	2446.5013	---	PASS
		2462	18.974	2452.5346	2471.5086	---	PASS
11AX40MIMO	Ant0	2422	37.897	2403.0778	2440.9748	---	PASS
		2437	37.972	2418.0084	2455.9804	---	PASS
		2452	37.927	2433.0516	2470.9786	---	PASS

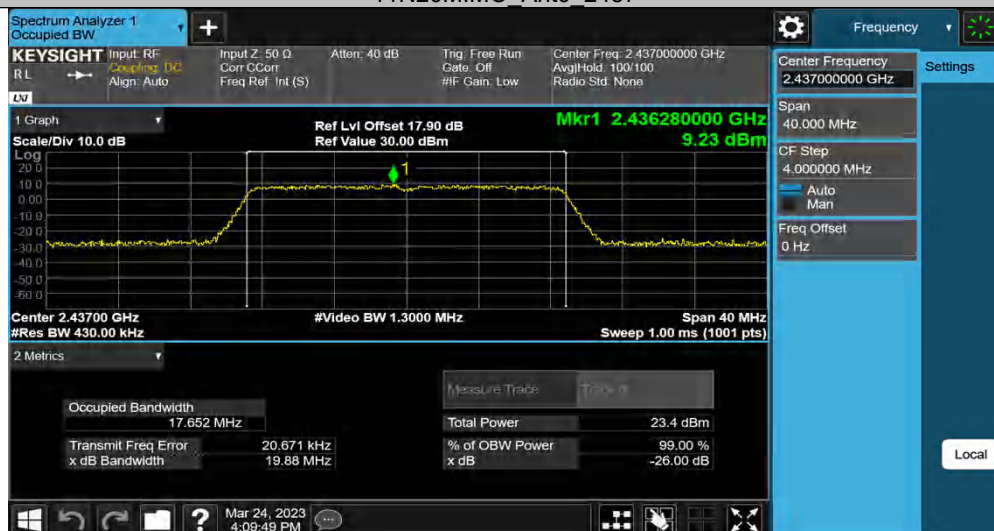




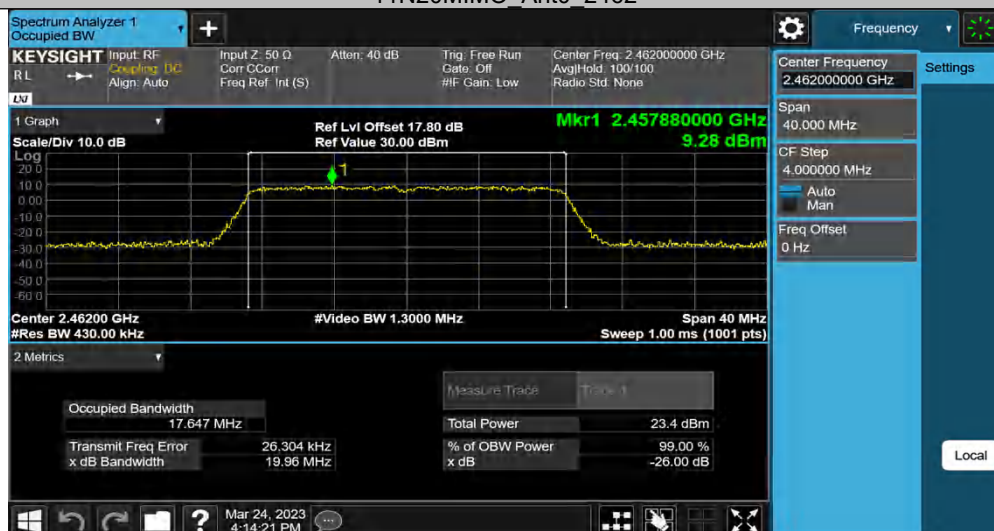
11N20MIMO Ant0 2412



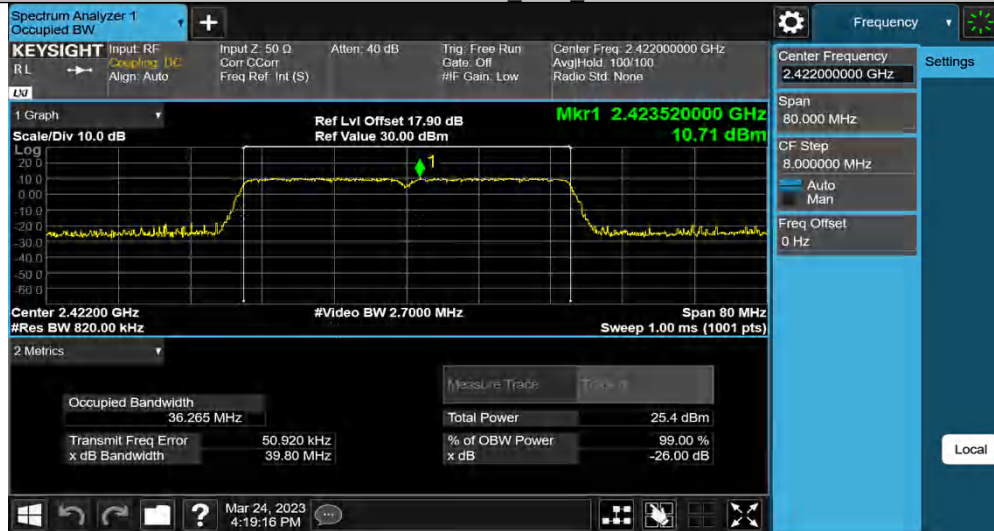
11N20MIMO Ant0 2437



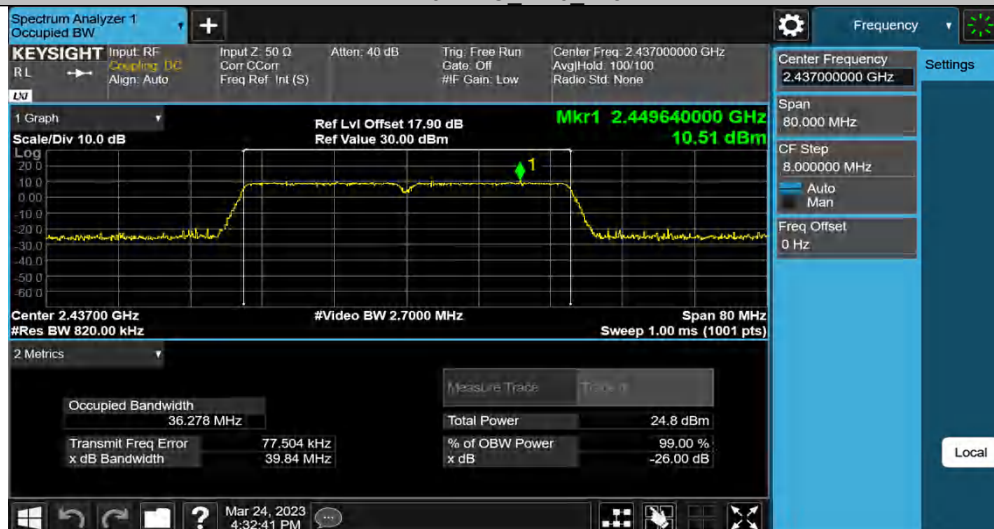
11N20MIMO Ant0 2462



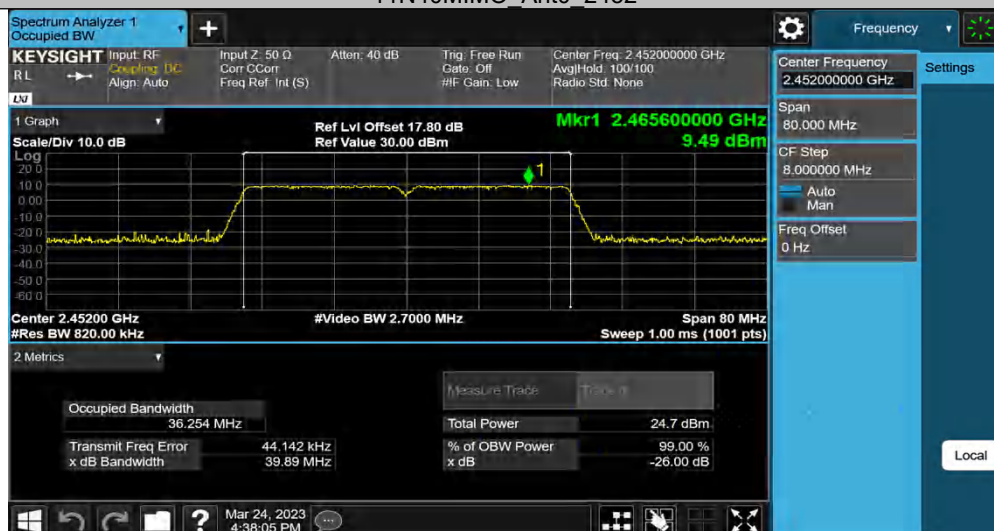
11N40MIMO Ant0 2422



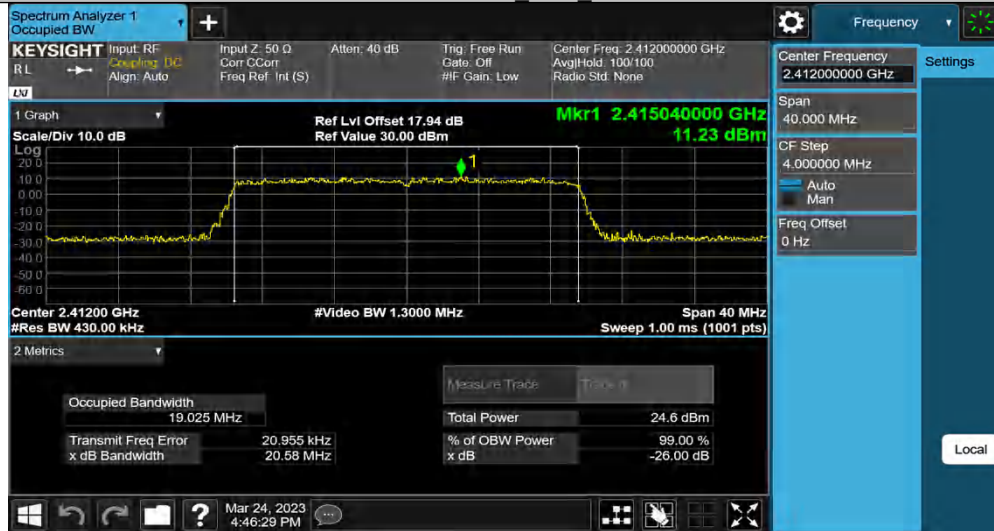
11N40MIMO Ant0 2437



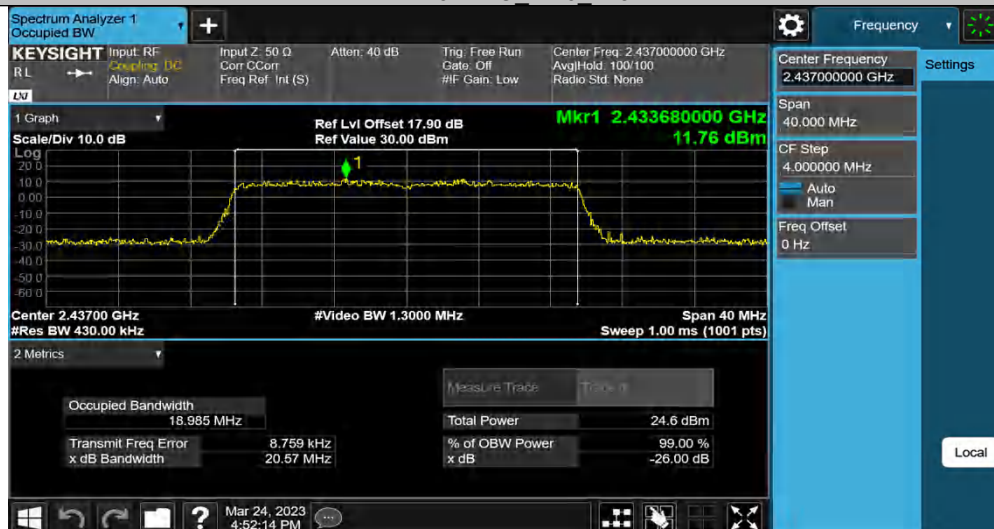
11N40MIMO Ant0 2452



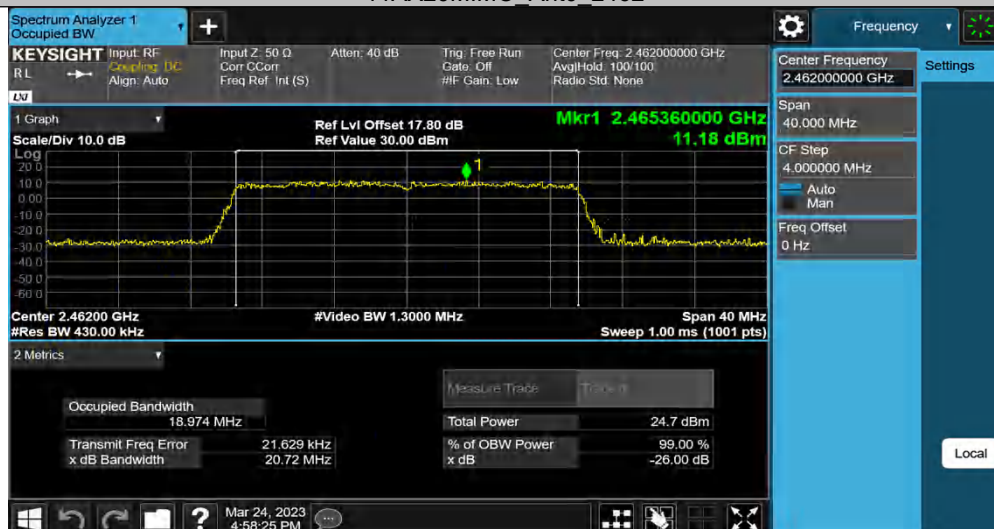
11AX20MIMO_Ant0_2412



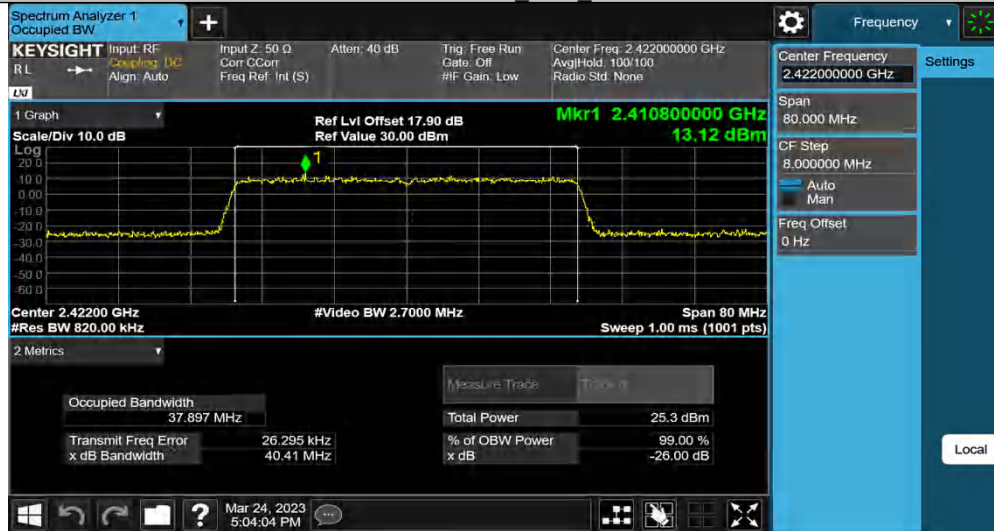
11AX20MIMO_Ant0_2437



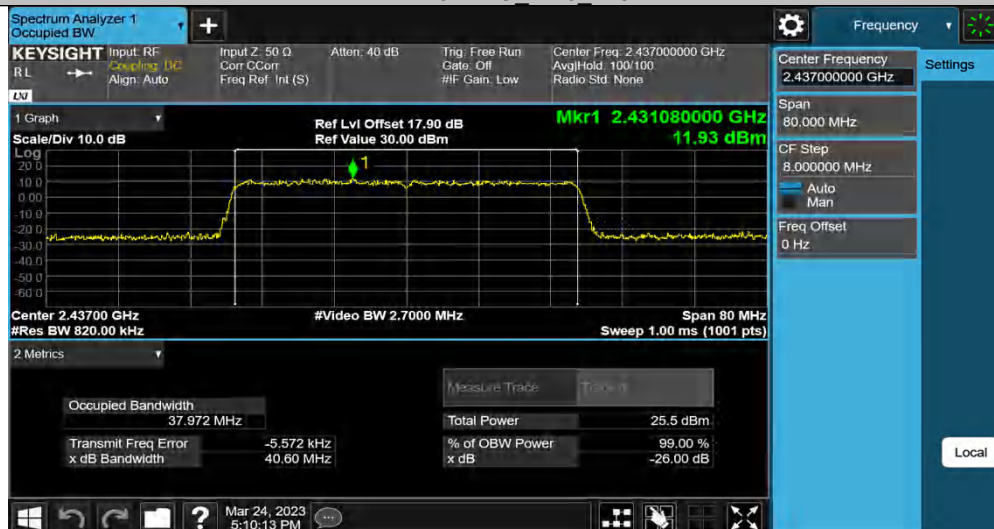
11AX20MIMO_Ant0_2462



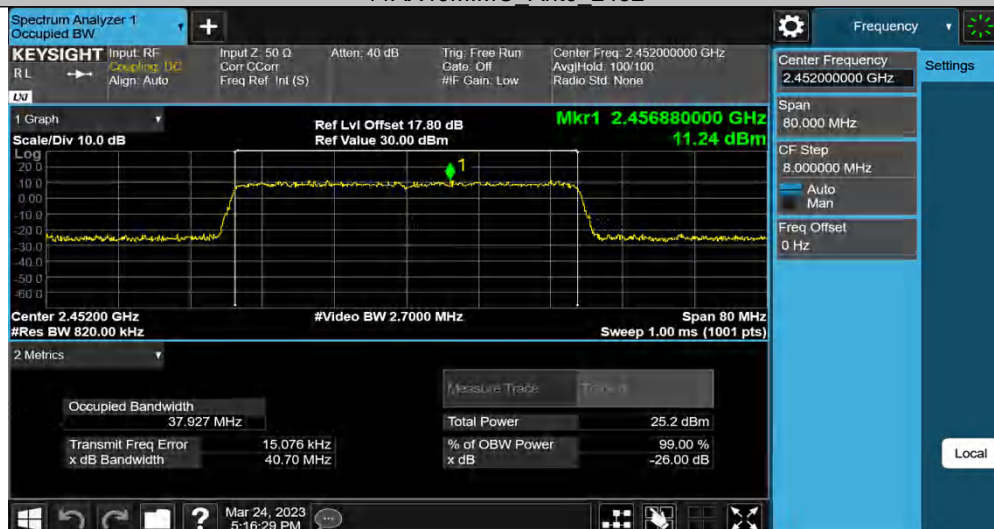
11AX40MIMO_Ant0_2422



11AX40MIMO_Ant0_2437



11AX40MIMO_Ant0_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	Ant0	Low	2412	5.36	-39.55	≤-14.65	PASS
		High	2462	11.86	-40.12	≤-8.14	PASS
11G	Ant0	Low	2412	7.05	-36.74	≤-12.95	PASS
		High	2462	7.99	-37.33	≤-12.01	PASS
11N20MIMO	Ant0	Low	2412	6.36	-36.79	≤-13.65	PASS
		High	2462	6.56	-40.31	≤-13.44	PASS
11N40MIMO	Ant0	Low	2422	3.99	-33.15	≤-16.01	PASS
		High	2452	3.38	-35.69	≤-16.62	PASS
11AX20MIMO	Ant0	Low	2412	6.02	-38.46	≤-13.98	PASS
		High	2462	5.86	-40.11	≤-14.14	PASS
11AX40MIMO	Ant0	Low	2422	3.11	-37.45	≤-16.89	PASS
		High	2452	3.31	-37.92	≤-16.69	PASS

11B Ant0 Low 2412



11B Ant0 High 2462



11G Ant0 Low 2412

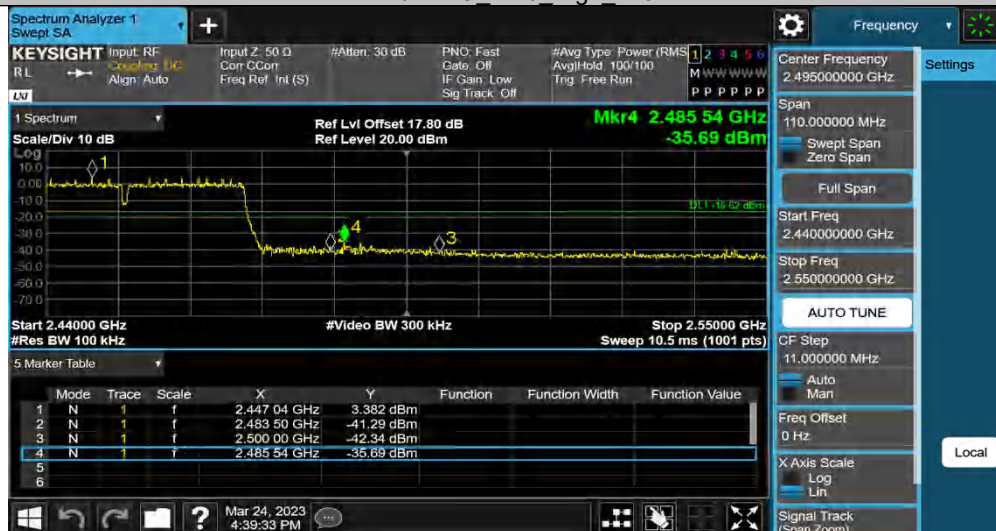




11N40MIMO_Ant0_Low_2422



11N40MIMO_Ant0_High_2452



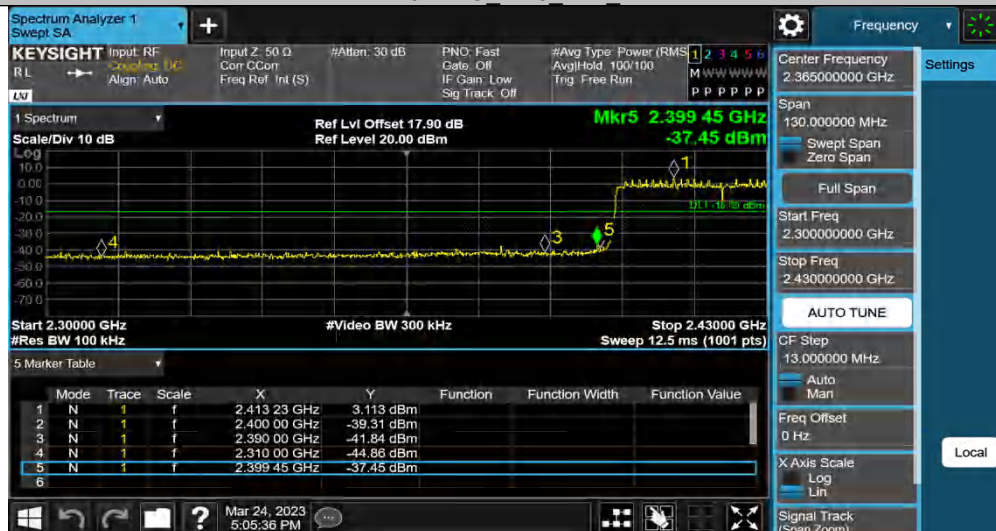
11AX20MIMO_Ant0_Low_2412



11AX20MIMO_Ant0_High_2462



11AX40MIMO_Ant0_Low_2422



11AX40MIMO_Ant0_High_2452



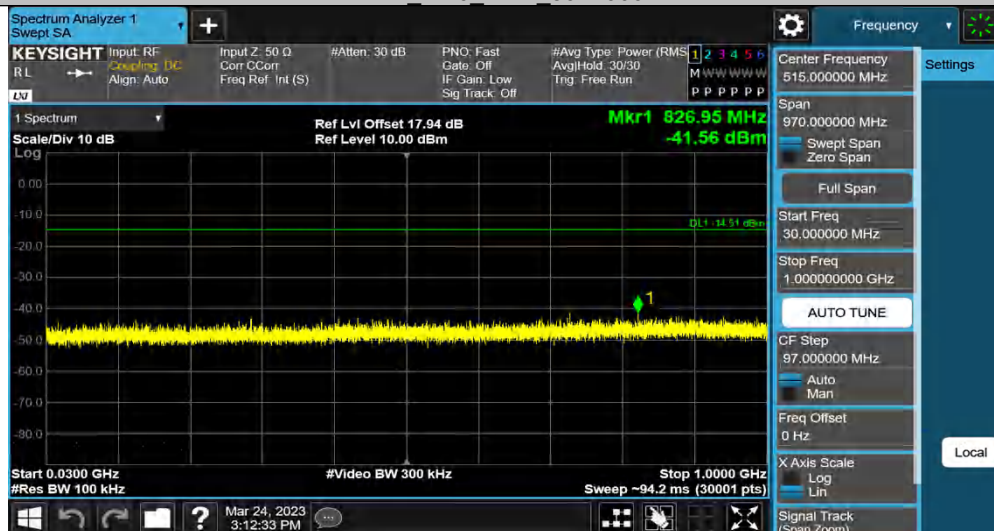
Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant0	2412	Reference	5.49	5.49	---	PASS
			30~1000	5.49	-41.56	≤-14.51	PASS
			1000~26500	5.49	-41.56	≤-14.51	PASS
		2437	Reference	11.20	11.20	---	PASS
			30~1000	11.20	-41.99	≤-8.8	PASS
			1000~26500	11.20	-32.49	≤-8.8	PASS
		2462	Reference	11.47	11.47	---	PASS
			30~1000	11.47	-42.45	≤-8.53	PASS
			1000~26500	11.47	-33.11	≤-8.53	PASS
11G	Ant0	2412	Reference	4.03	4.03	---	PASS
			30~1000	4.03	-42.16	≤-15.97	PASS
			1000~26500	4.03	-32.24	≤-15.97	PASS
		2437	Reference	7.90	7.90	---	PASS
			30~1000	7.90	-42.53	≤-12.1	PASS
			1000~26500	7.90	-32.94	≤-12.1	PASS
		2462	Reference	5.61	5.61	---	PASS
			30~1000	5.61	-41.92	≤-14.39	PASS
			1000~26500	5.61	-32.71	≤-14.39	PASS
11N20MIMO	Ant0	2412	Reference	3.33	3.33	---	PASS
			30~1000	3.33	-41.94	≤-16.67	PASS
			1000~26500	3.33	-32.87	≤-16.67	PASS
		2437	Reference	5.39	5.39	---	PASS
			30~1000	5.39	-41.72	≤-14.61	PASS
			1000~26500	5.39	-32.82	≤-14.61	PASS
		2462	Reference	3.11	3.11	---	PASS
			30~1000	3.11	-41.79	≤-16.89	PASS
			1000~26500	3.11	-33.14	≤-16.89	PASS
11N40MIMO	Ant0	2422	Reference	3.76	3.76	---	PASS
			30~1000	3.76	-41.64	≤-16.24	PASS
			1000~26500	3.76	-33.42	≤-16.24	PASS
		2437	Reference	3.16	3.16	---	PASS
			30~1000	3.16	-41.98	≤-16.84	PASS
			1000~26500	3.16	-32.74	≤-16.84	PASS
		2452	Reference	3.80	3.80	---	PASS
			30~1000	3.80	-41.83	≤-16.2	PASS
			1000~26500	3.80	-33.29	≤-16.2	PASS
11AX20MIMO	Ant0	2412	Reference	4.26	4.26	---	PASS
			30~1000	4.26	-41.65	≤-15.74	PASS
			1000~26500	4.26	-33.11	≤-15.74	PASS
		2437	Reference	5.34	5.34	---	PASS
			30~1000	5.34	-42.19	≤-14.66	PASS
			1000~26500	5.34	-33.39	≤-14.66	PASS
		2462	Reference	4.11	4.11	---	PASS
			30~1000	4.11	-42.43	≤-15.89	PASS
			1000~26500	4.11	-32.8	≤-15.89	PASS
11AX40MIMO	Ant0	2422	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-42.61	≤-16.62	PASS
			1000~26500	3.38	-33.04	≤-16.62	PASS
		2437	Reference	2.43	2.43	---	PASS
			30~1000	2.43	-42.11	≤-17.57	PASS
			1000~26500	2.43	-32.71	≤-17.57	PASS
		2452	Reference	2.90	2.90	---	PASS
			30~1000	2.90	-42.05	≤-17.1	PASS
			1000~26500	2.90	-32.55	≤-17.1	PASS

11B_Ant0_2412_0~Reference



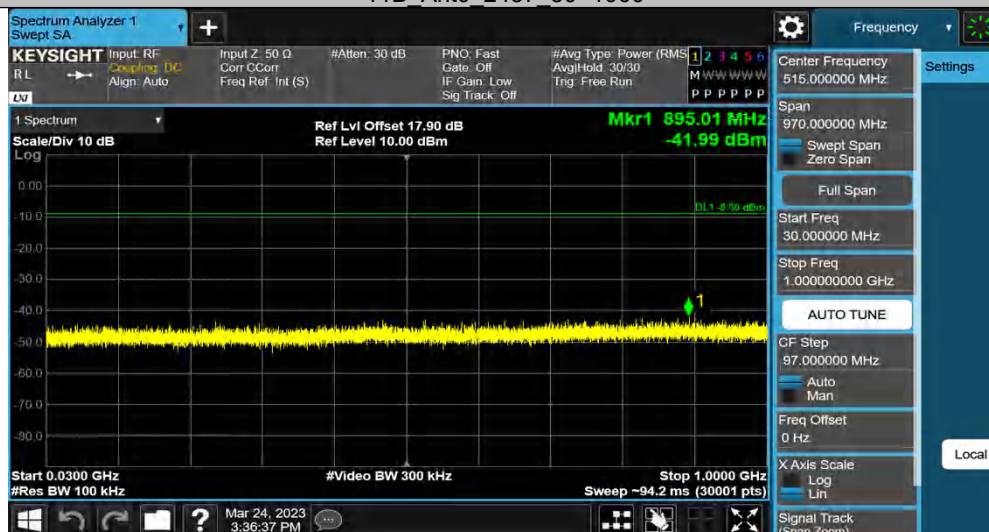
11B_Ant0_2412_30~1000



11B_Ant0_2437_0~Reference



11B_Ant0_2437_30~1000



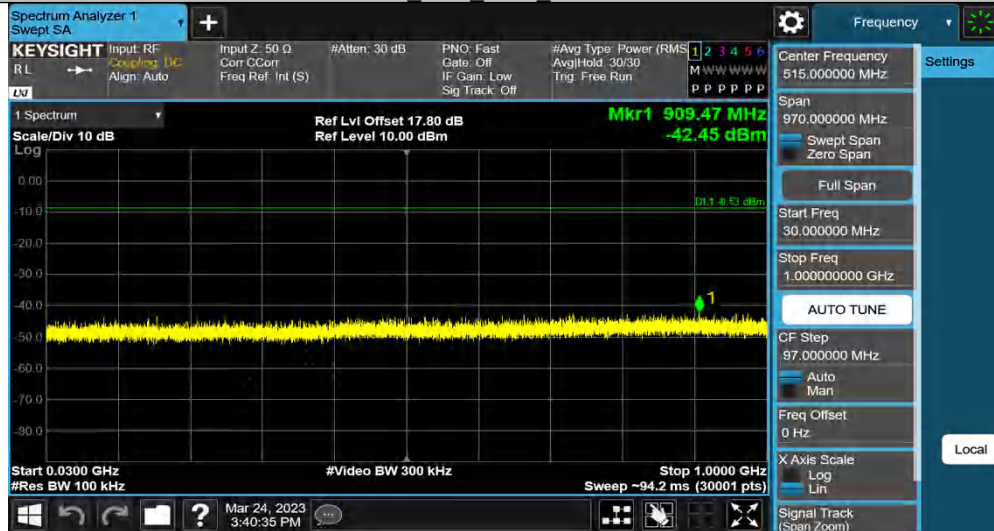
11B_Ant0_2437_1000~26500



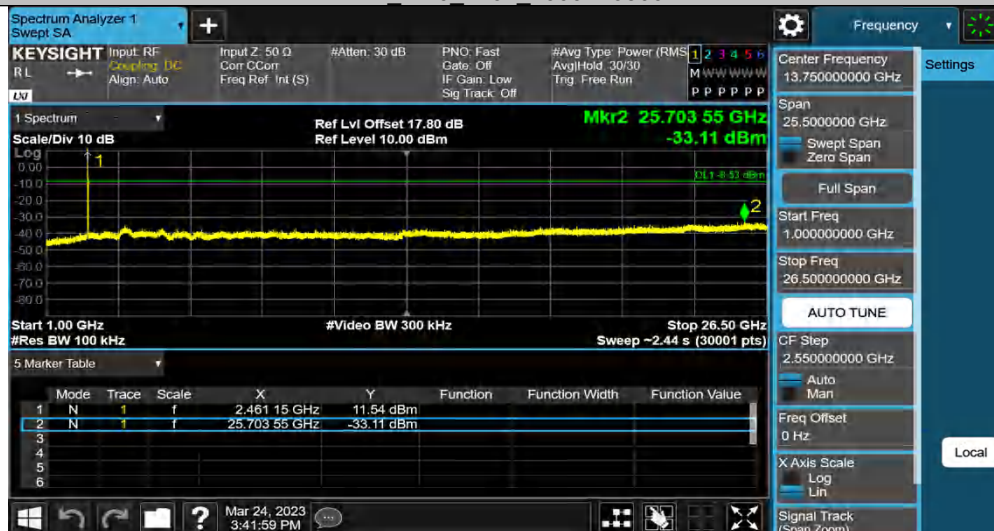
11B_Ant0_2462_0~Reference



11B_Ant0_2462_30~1000



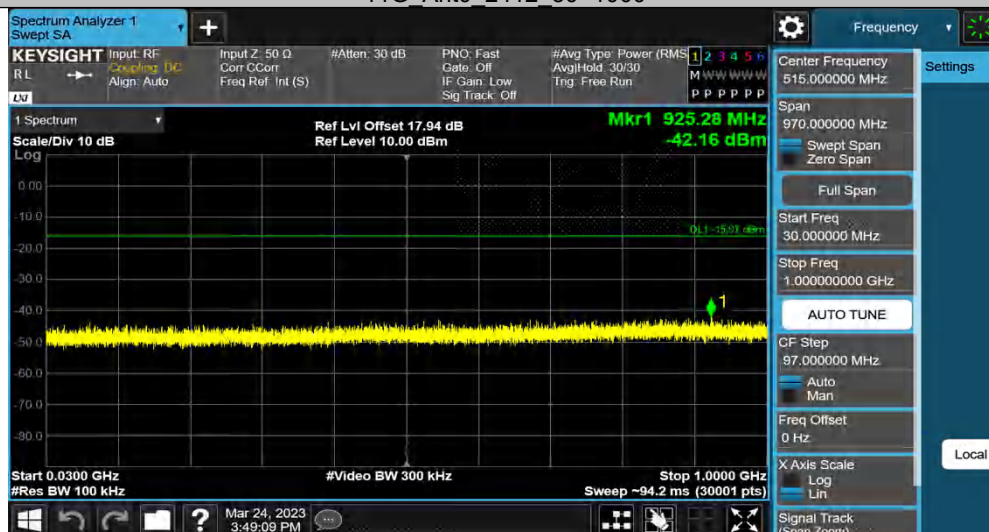
11B_Ant0_2462_1000~26500



11G_Ant0_2412_0~Reference



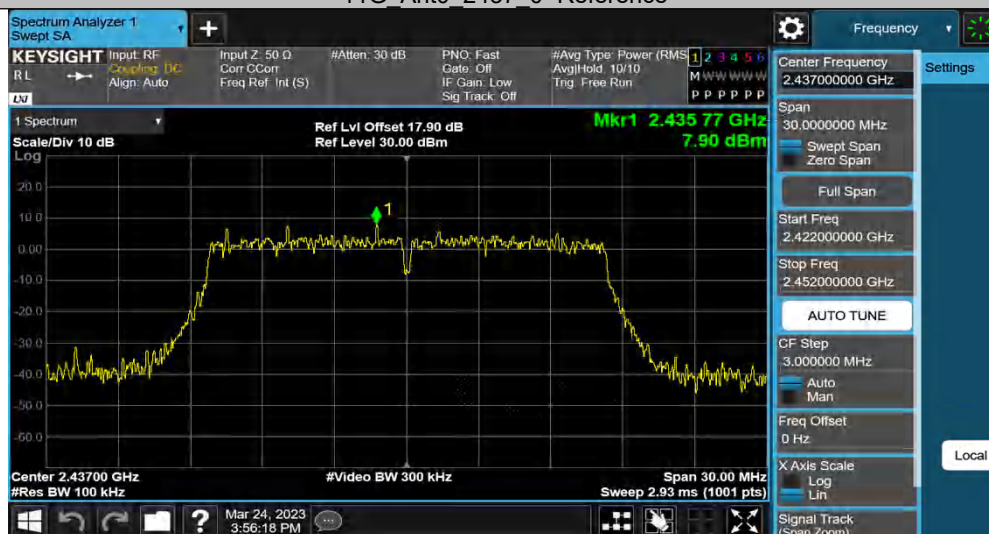
11G_Ant0_2412_30~1000



11G_Ant0_2412_1000~26500



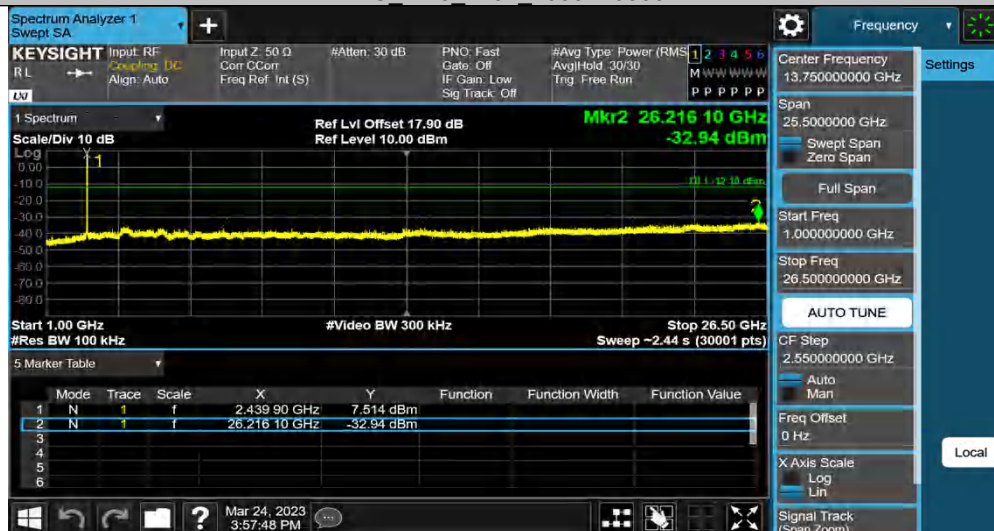
11G_Ant0_2437_0~Reference



11G_Ant0_2437_30~1000



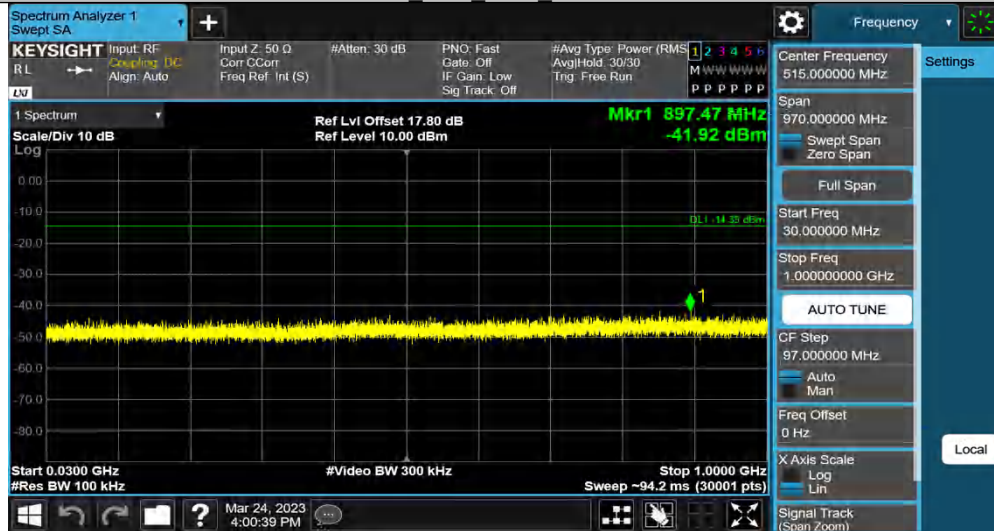
11G_Ant0_2437_1000~26500



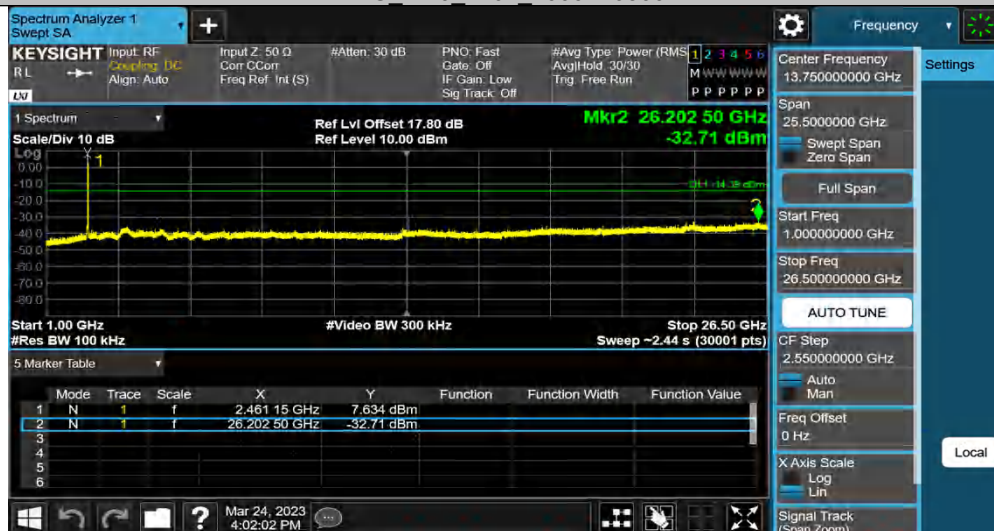
11G_Ant0_2462_0~Reference



11G Ant0 2462 30~1000



11G Ant0 2462 1000~26500



11N20MIMO Ant0 2412 0~Reference



11N20MIMO_Ant0_2412_30~1000



11N20MIMO_Ant0_2412_1000~26500



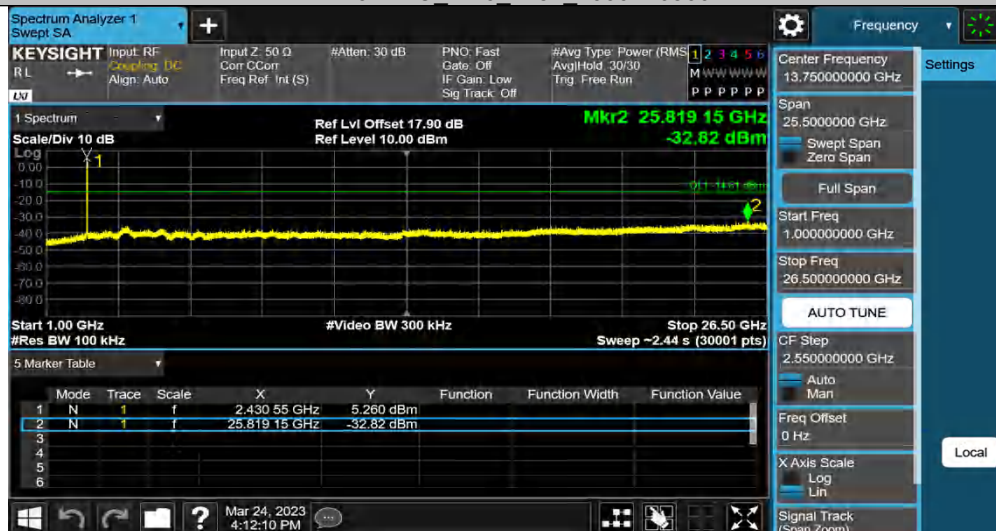
11N20MIMO_Ant0_2437_0~Reference



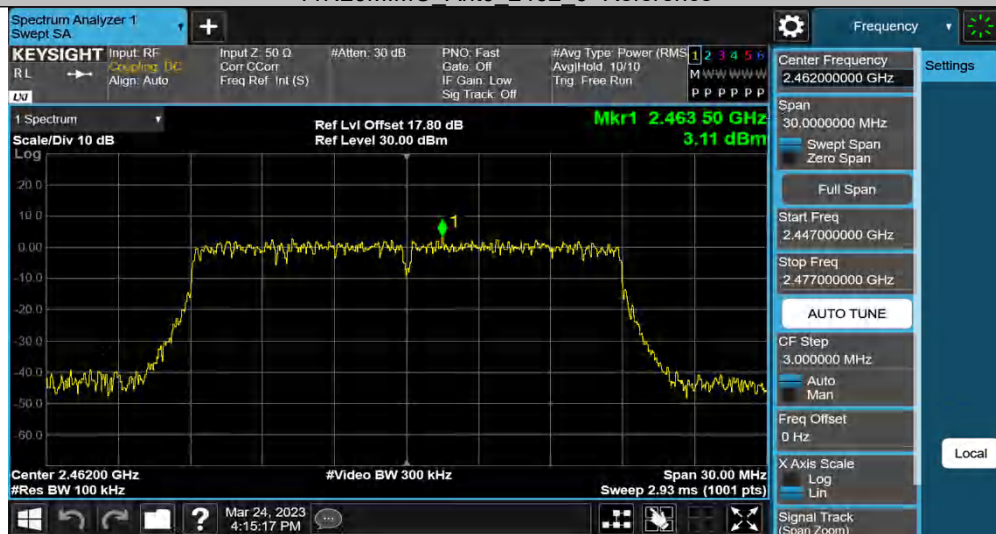
11N20MIMO_Ant0_2437_30~1000



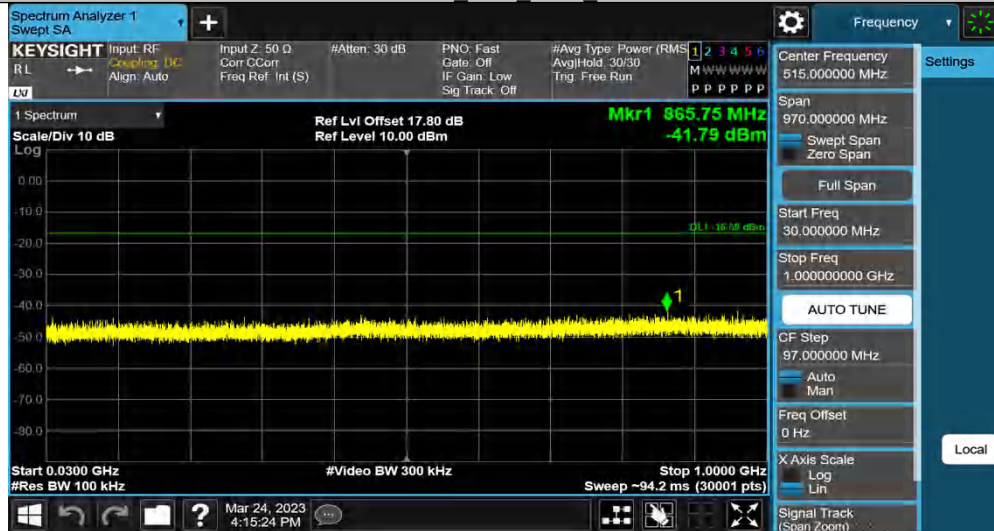
11N20MIMO_Ant0_2437_1000~26500



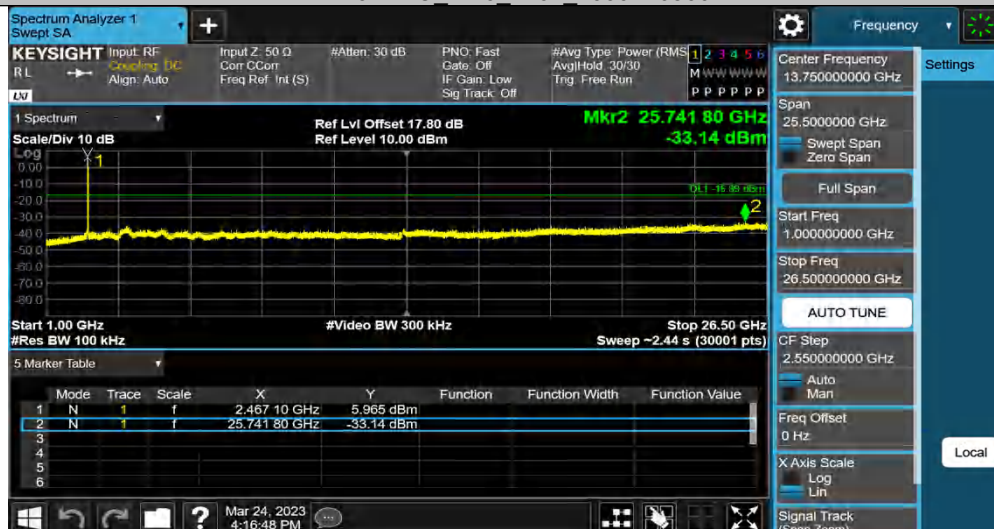
11N20MIMO_Ant0_2462_0~Reference



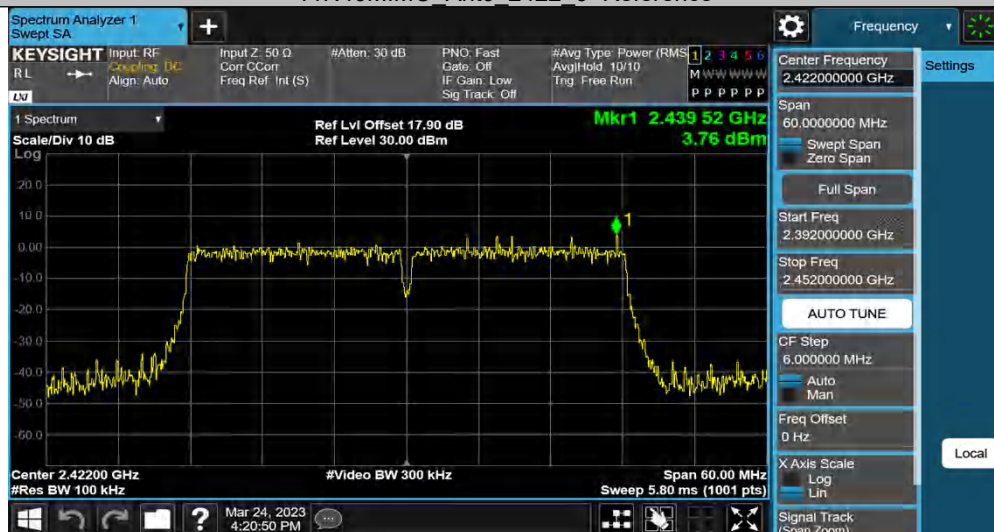
11N20MIMO_Ant0_2462_30~1000



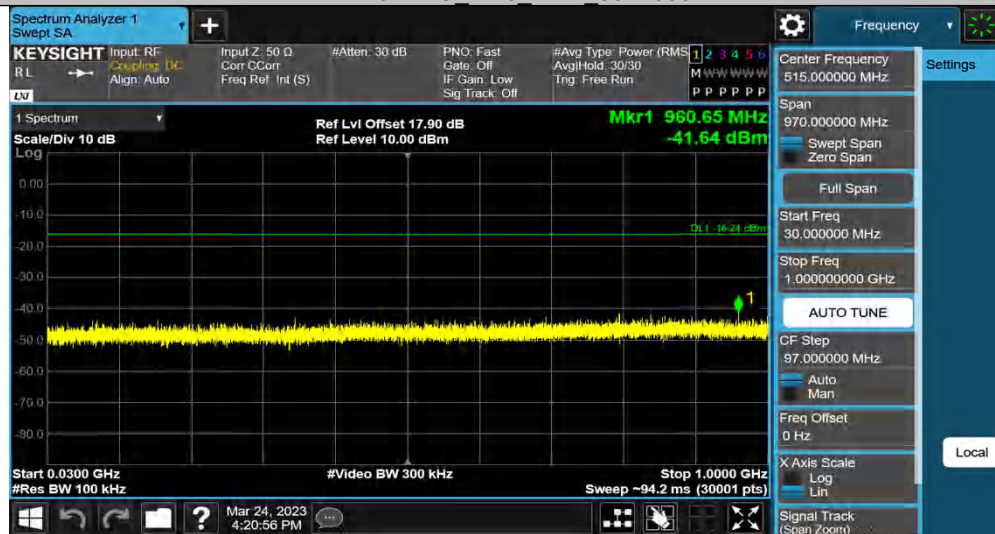
11N20MIMO_Ant0_2462_1000~26500



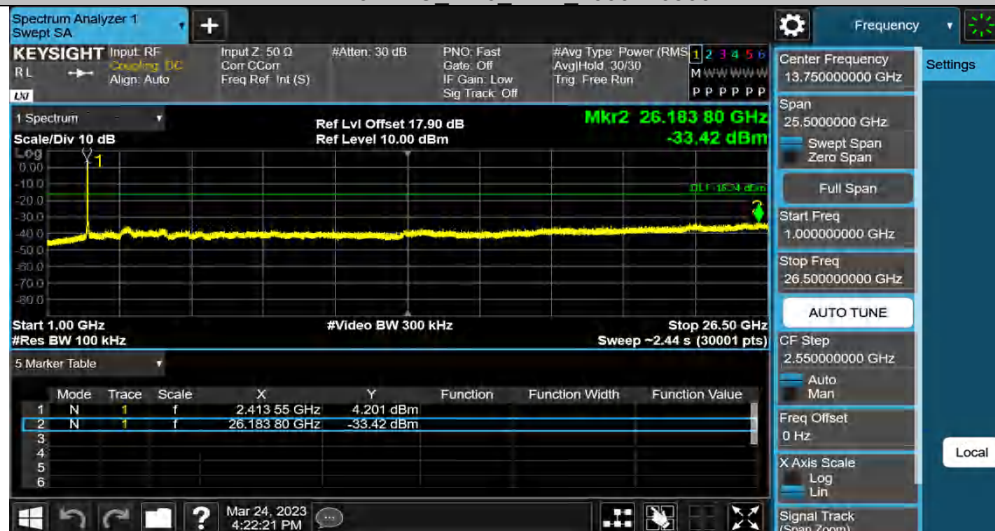
11N40MIMO_Ant0_2422_0~Reference



11N40MIMO_Ant0_2422_30~1000



11N40MIMO_Ant0_2422_1000~26500



11N40MIMO_Ant0_2437_0~Reference

