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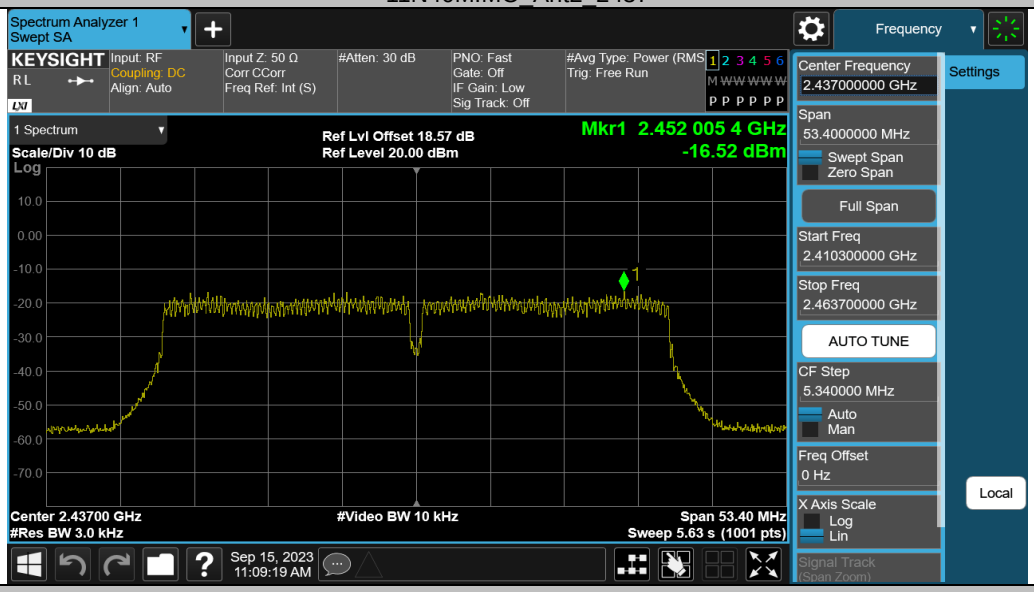
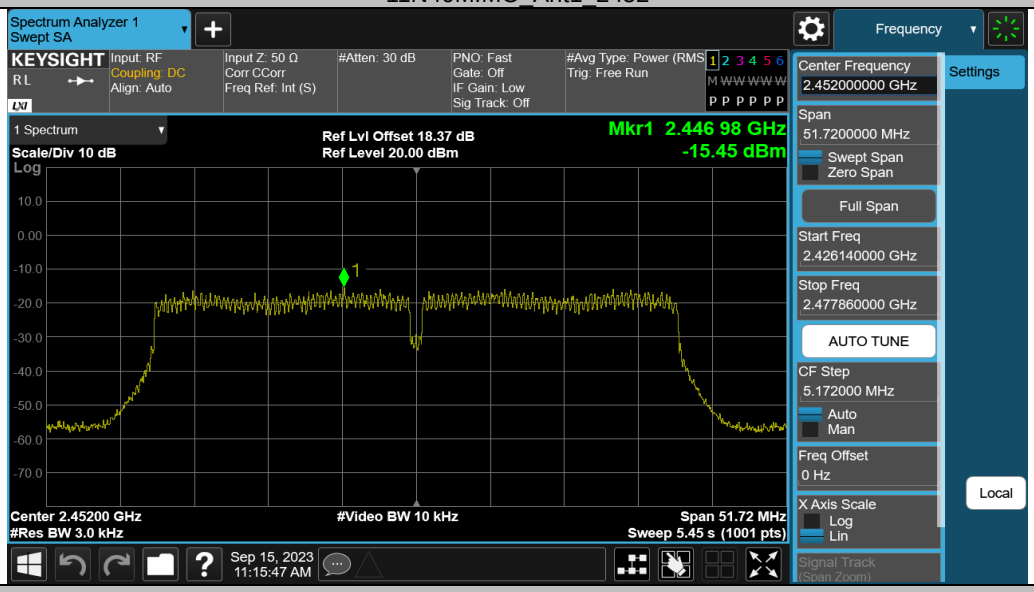


11N40MIMO_Ant1_2452



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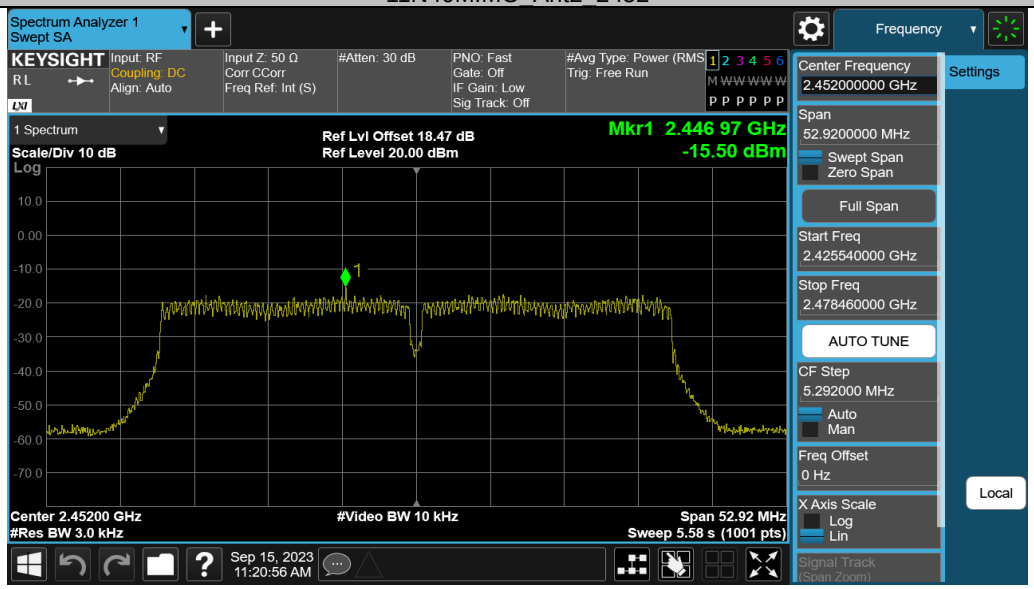
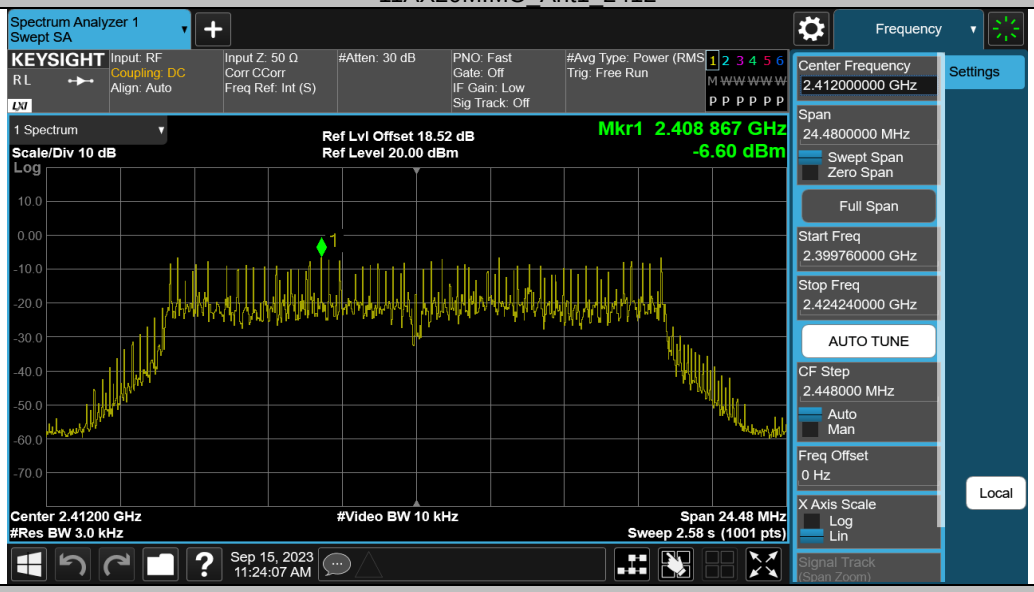


11AX20MIMO_Ant1_2412



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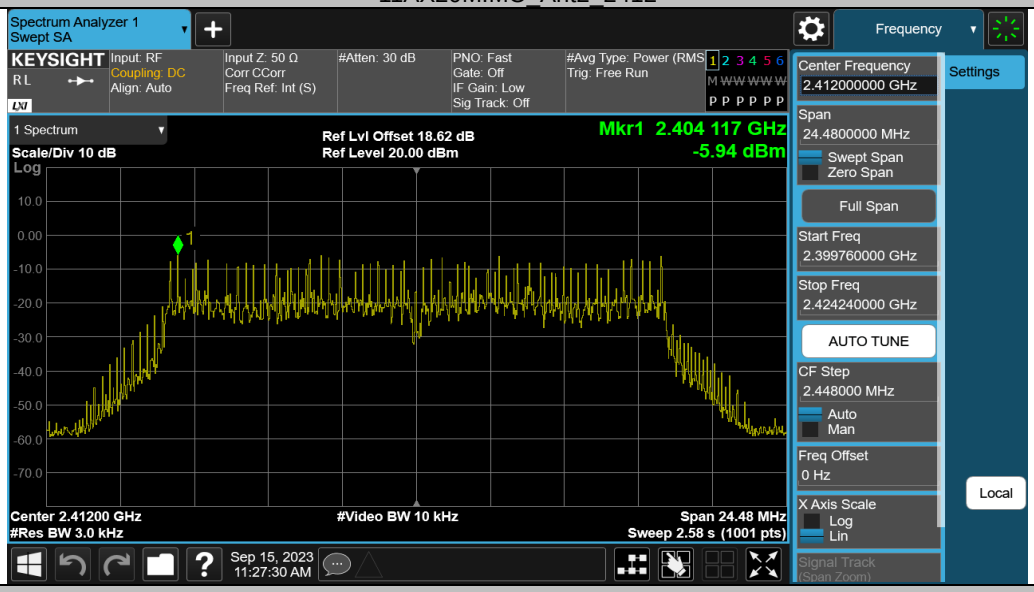

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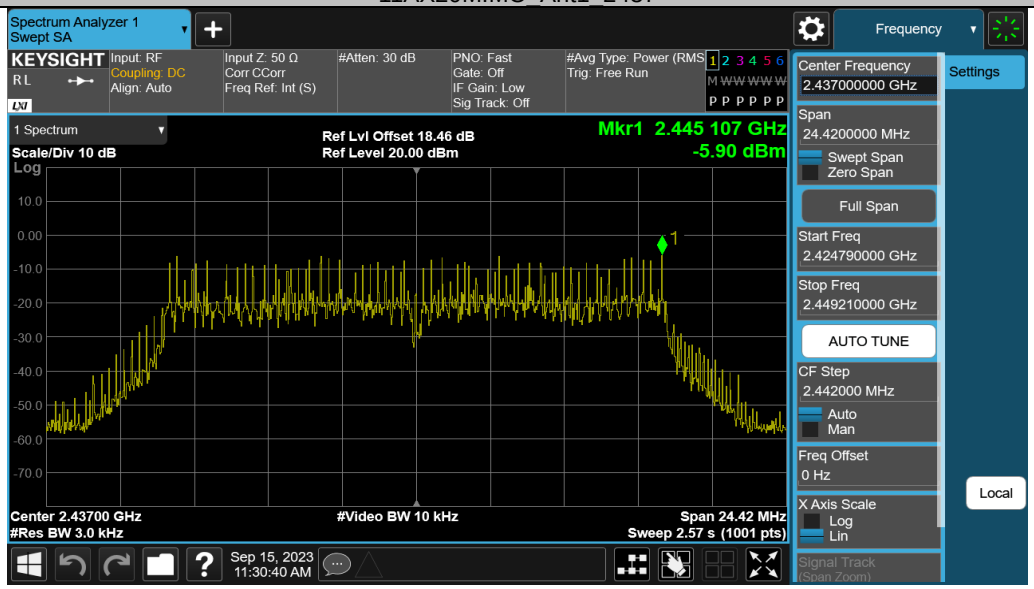

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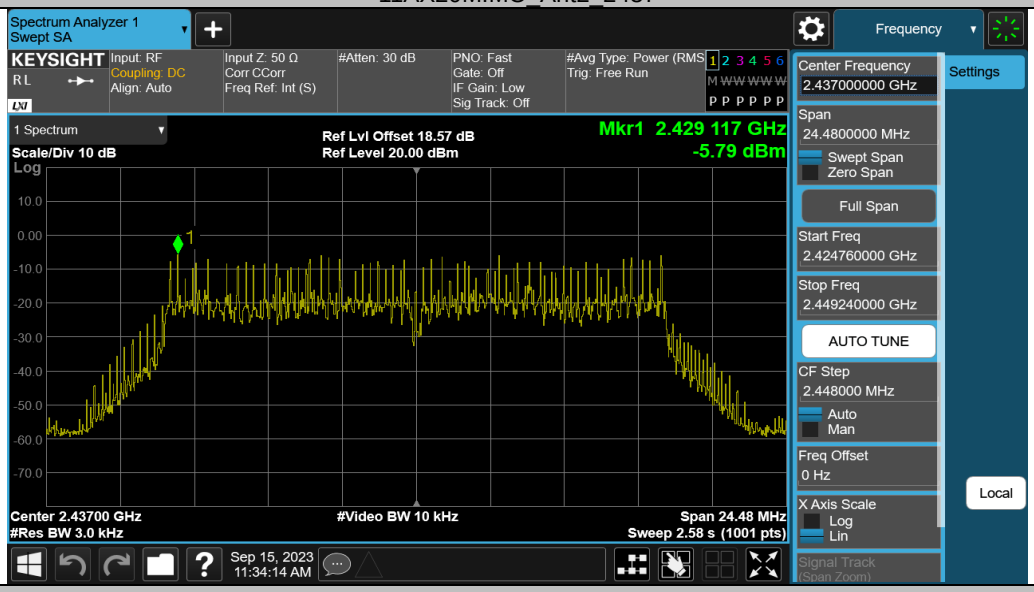

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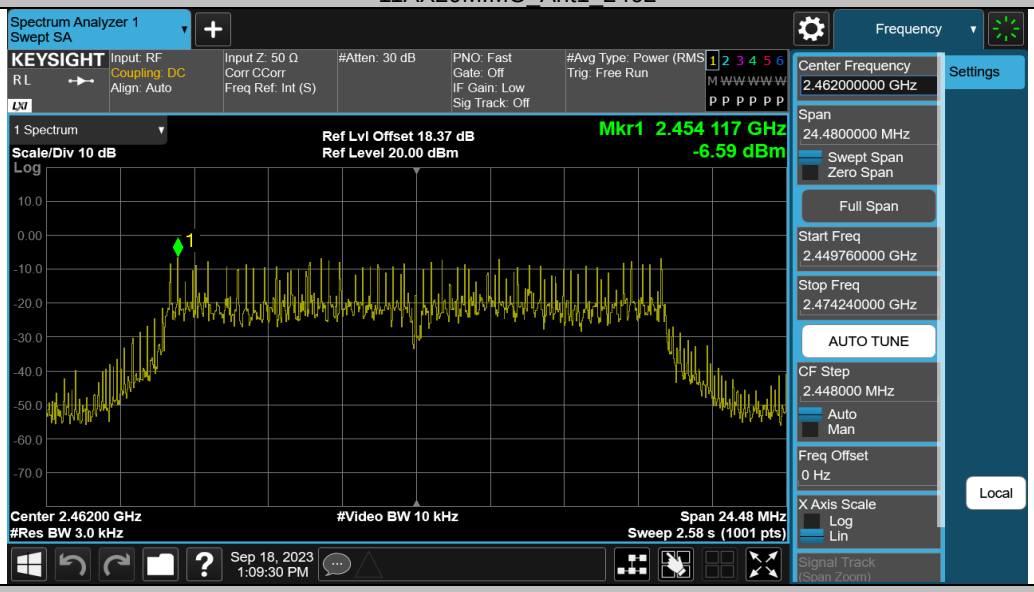

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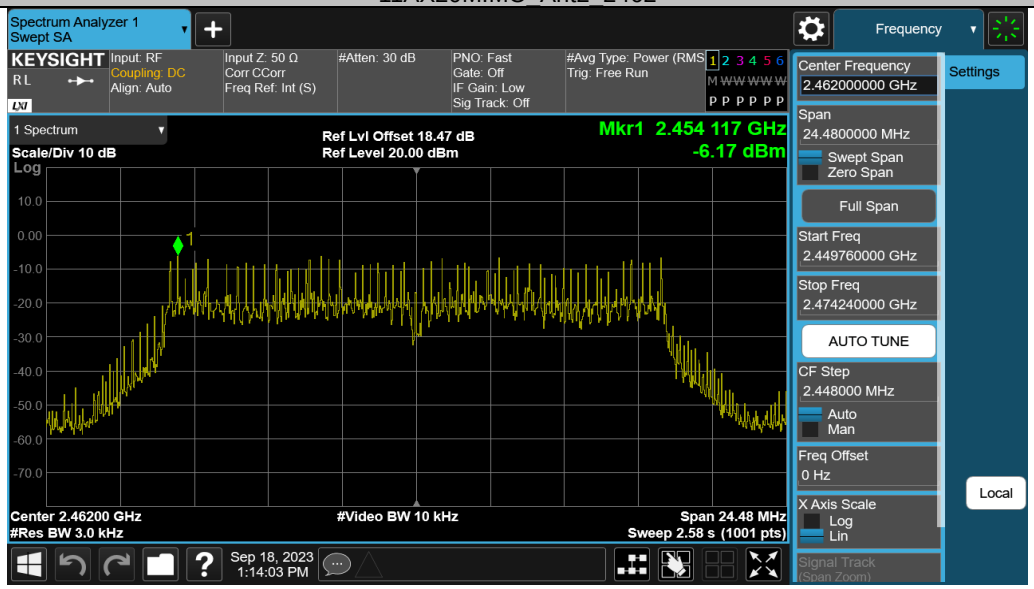

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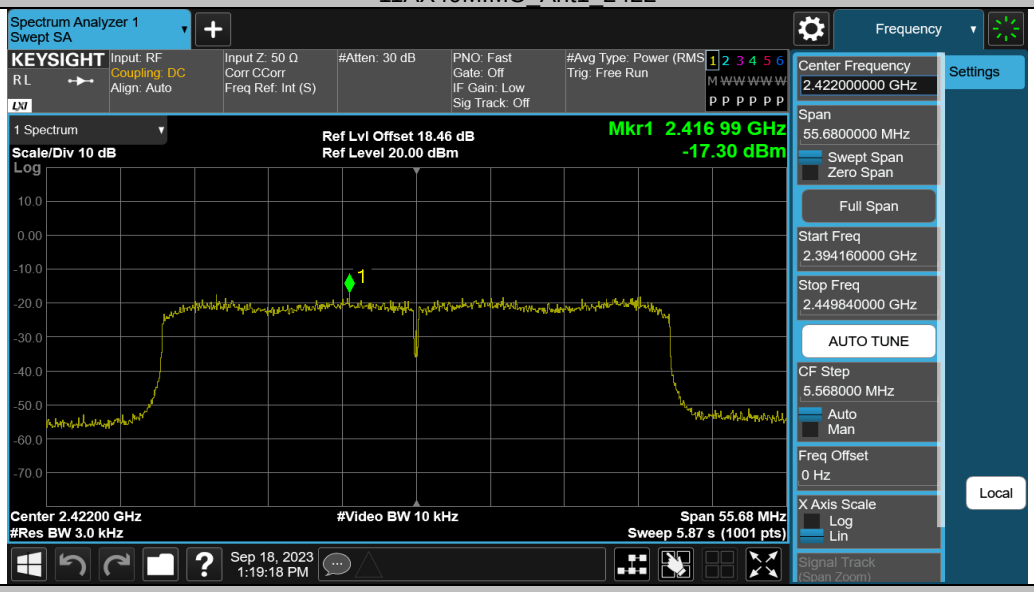

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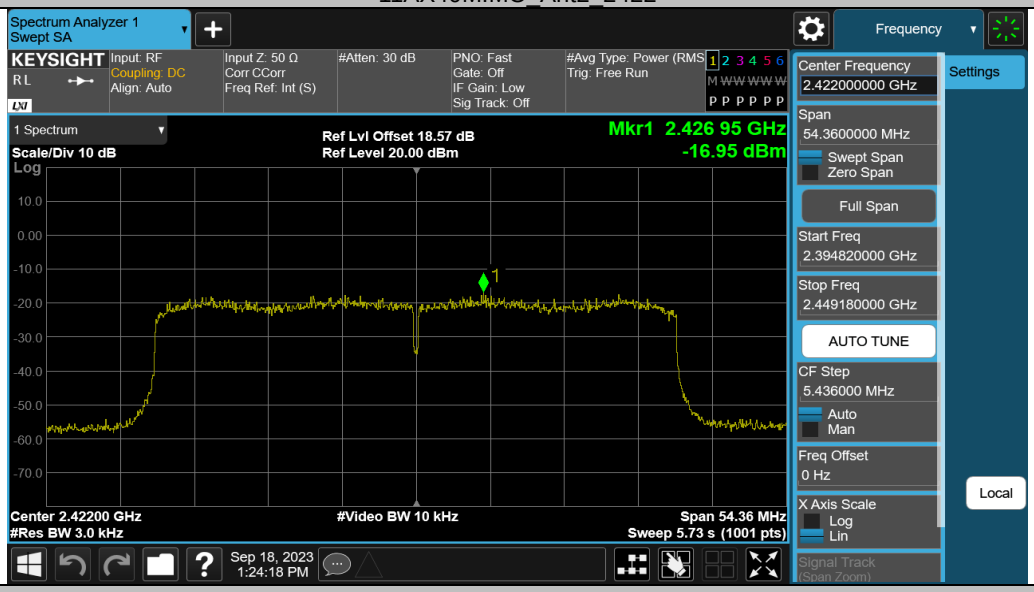

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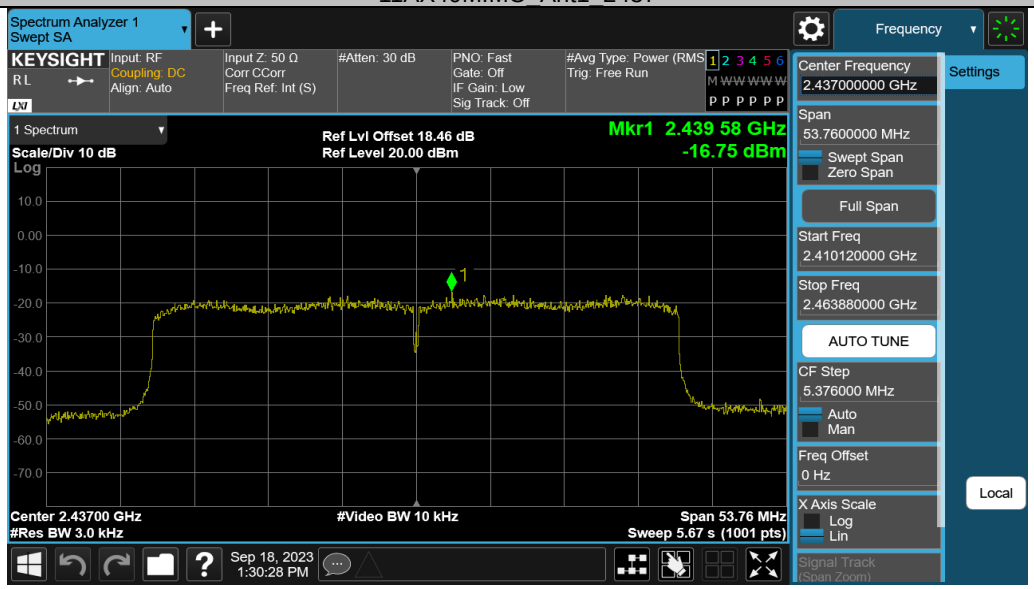

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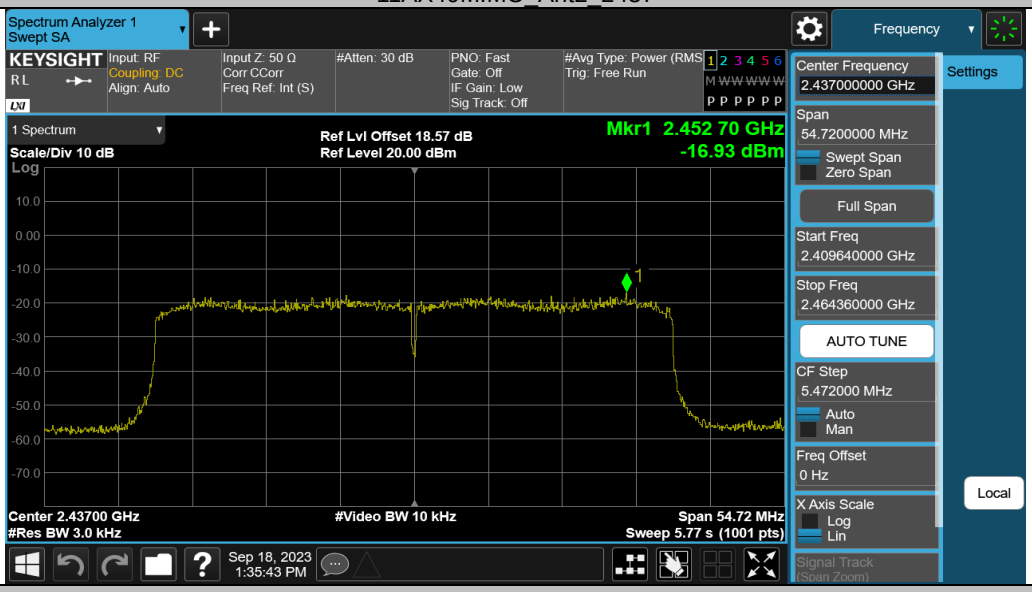
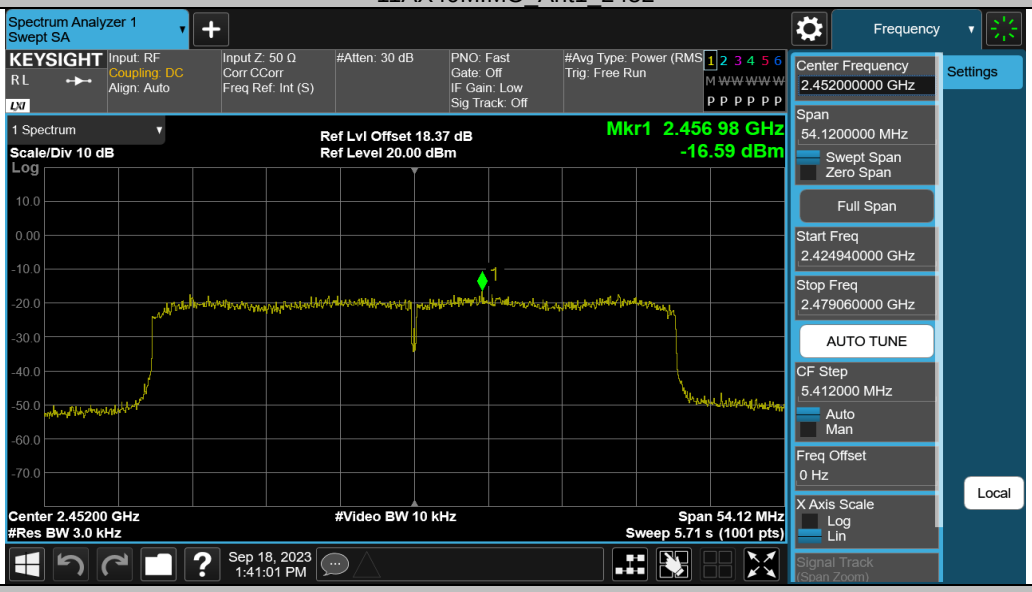


11AX40MIMO_Ant1_2452



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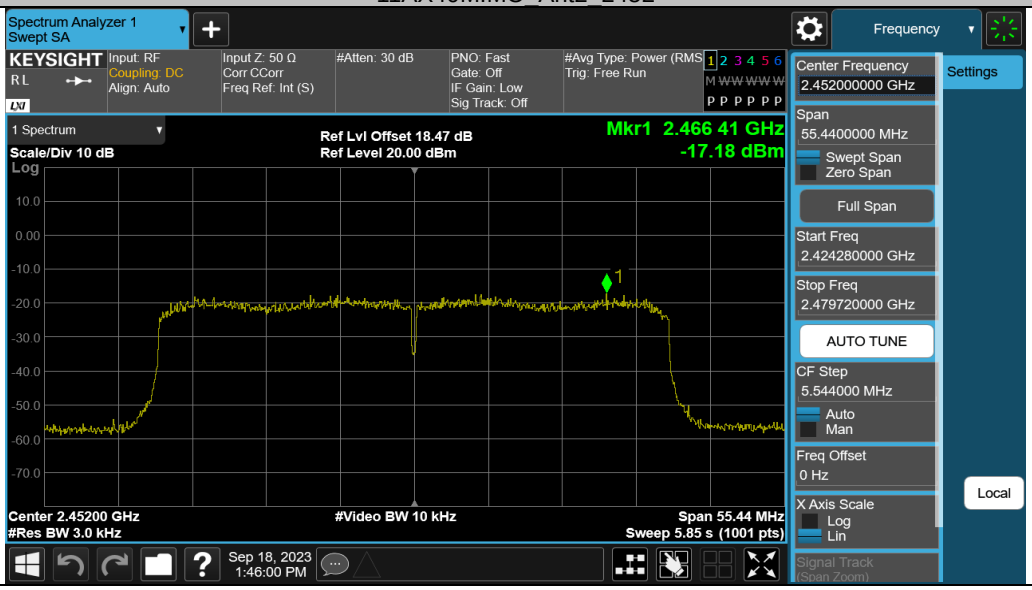
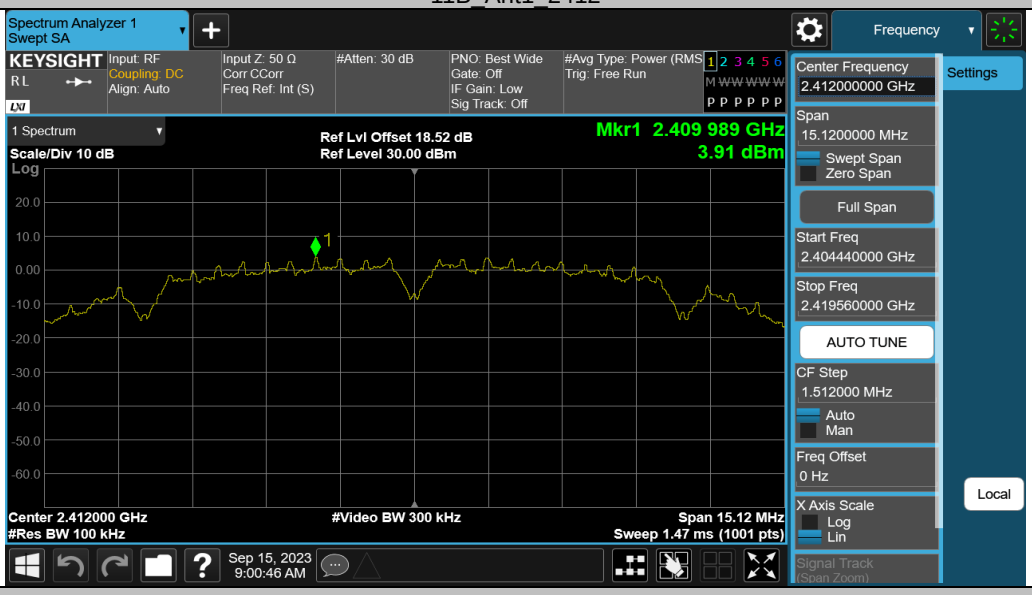


Appendix E: Reference level measurement
Test Result

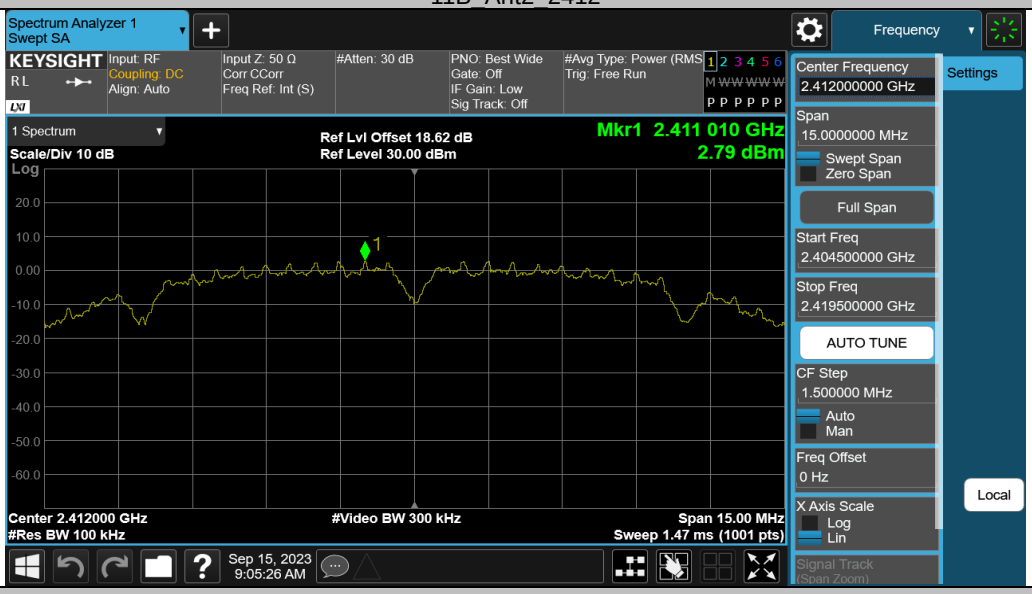
Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2409.99	3.92
	Ant2	2412	2411.01	2.79
	Ant1	2437	2437.50	4.28
	Ant2	2437	2436.48	3.38
	Ant1	2462	2460.49	3.65
	Ant2	2462	2463.50	3.33
11G	Ant1	2412	2419.49	2.63
	Ant2	2412	2414.48	1.97
	Ant1	2437	2439.50	3.21
	Ant2	2437	2429.52	1.75
	Ant1	2462	2454.52	2.62
	Ant2	2462	2463.27	2.19
11N20MIMO	Ant1	2412	2414.49	-0.01
	Ant2	2412	2409.51	-1.18
	Ant1	2437	2429.48	-0.10
	Ant2	2437	2444.48	-0.88
	Ant1	2462	2464.52	-0.03
	Ant2	2462	2454.52	-0.32
11N40MIMO	Ant1	2422	2426.97	-3.09
	Ant2	2422	2425.73	-3.67
	Ant1	2437	2451.99	-2.31
	Ant2	2437	2440.74	-3.52
	Ant1	2452	2446.98	-2.32
	Ant2	2452	2456.97	-3.20
11AX20MIMO	Ant1	2412	2419.49	-1.04
	Ant2	2412	2404.51	-0.65
	Ant1	2437	2438.29	-1.47
	Ant2	2437	2439.47	-0.72
	Ant1	2462	2464.47	-1.37
	Ant2	2462	2464.47	-0.75
11AX40MIMO	Ant1	2422	2436.98	-3.44
	Ant2	2422	2427.00	-3.39
	Ant1	2437	2442.00	-2.90
	Ant2	2437	2451.99	-3.12
	Ant1	2452	2456.98	-3.00
	Ant2	2452	2456.99	-3.07

Test Graphs

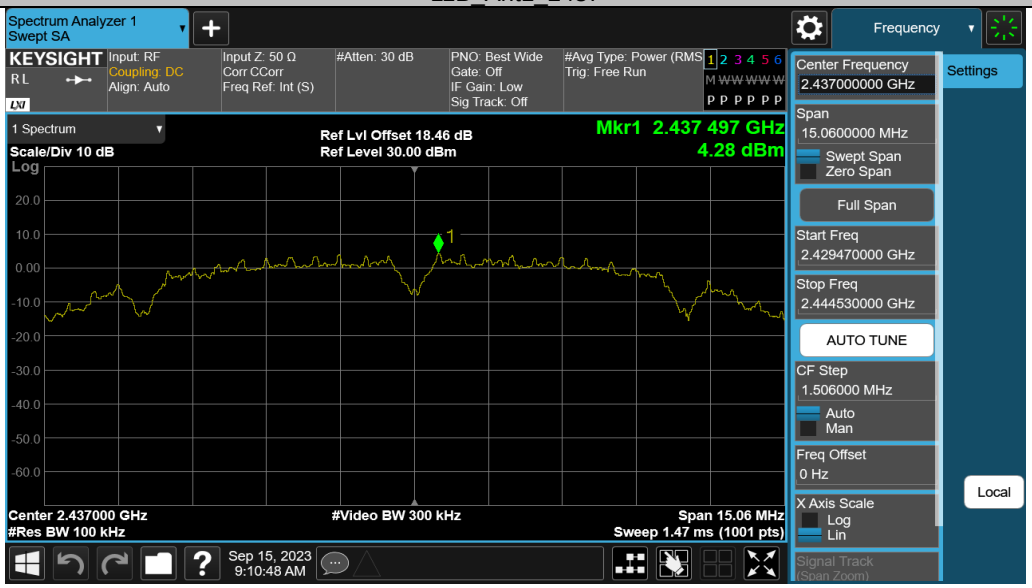
11B_Ant1_2412



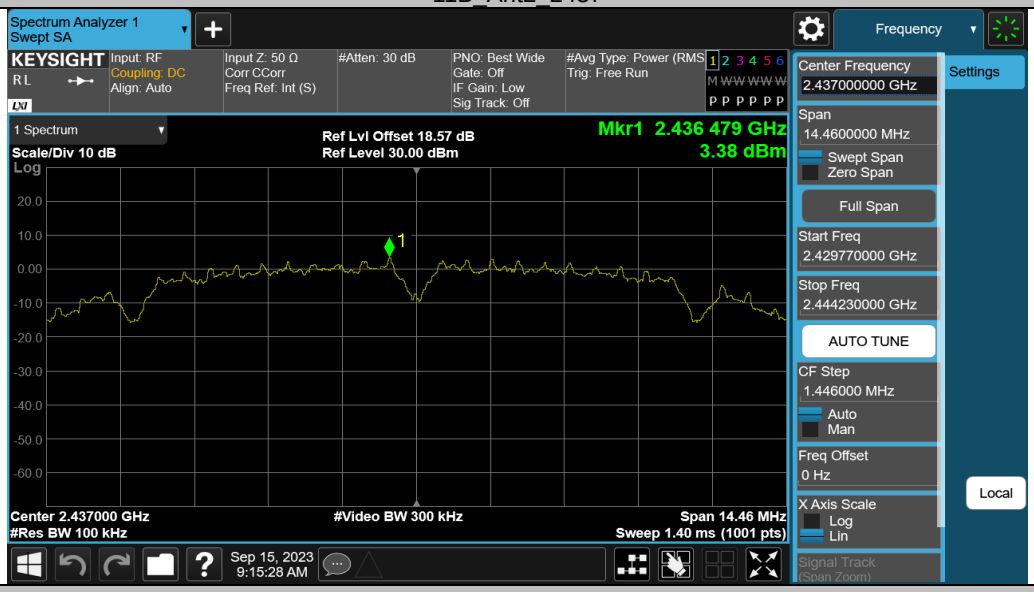
11B_Ant2_2412



11B_Ant1_2437



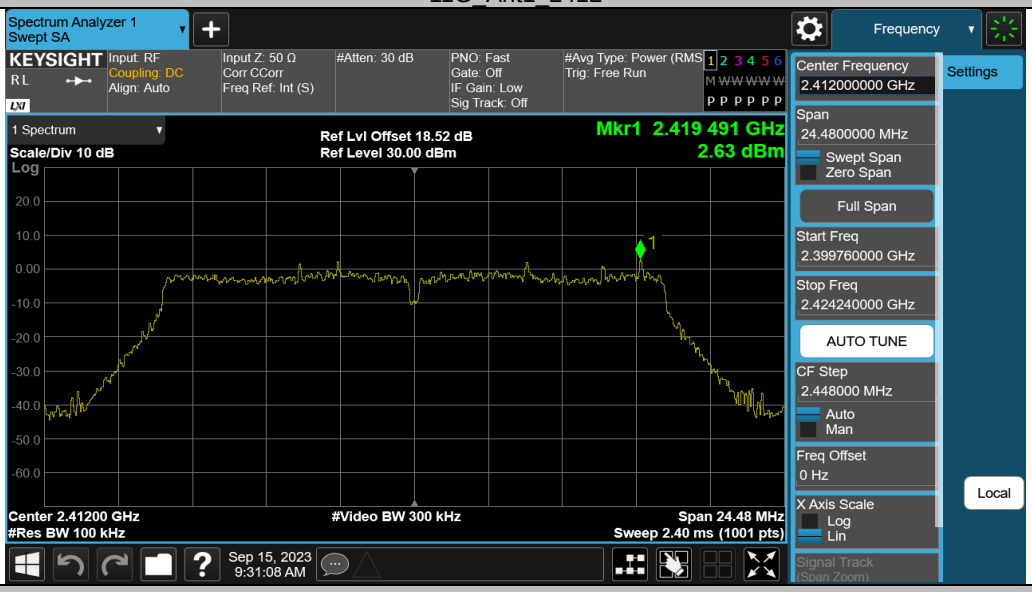
11B_Ant2_2437



11B_Ant1_2462

11B_Ant2_2462

11G_Ant1_2412



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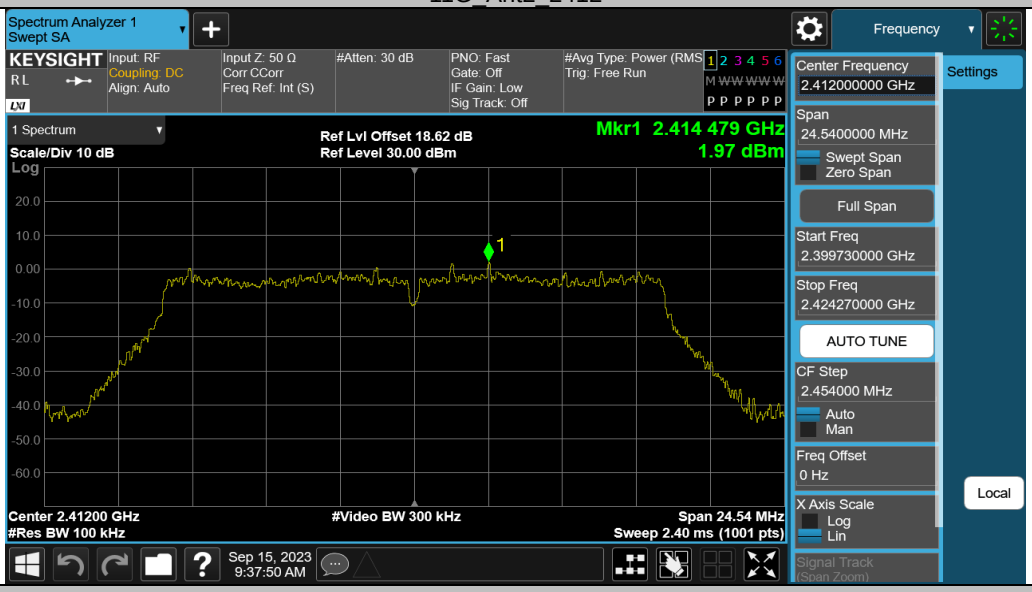
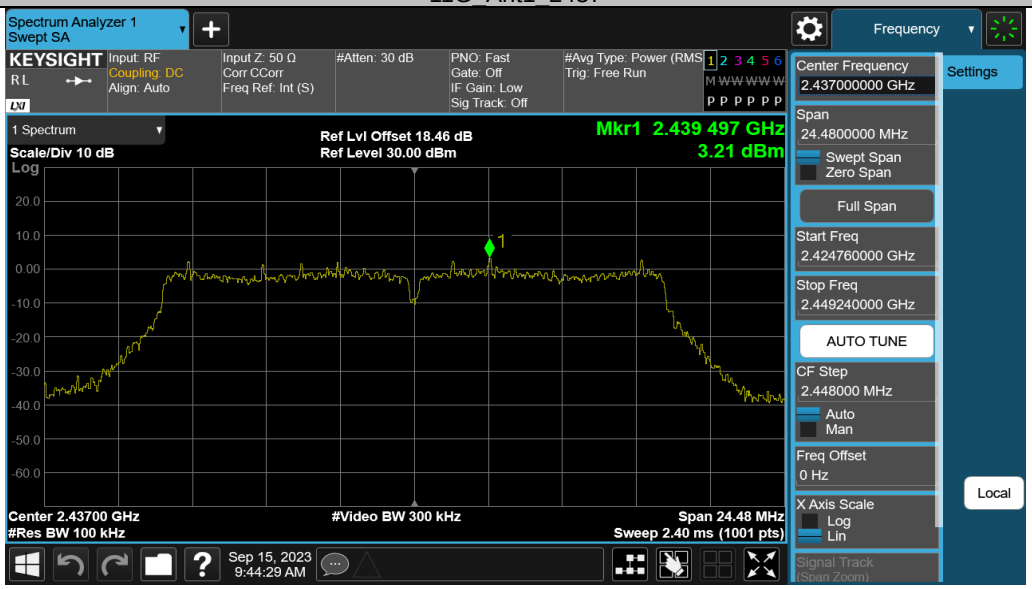
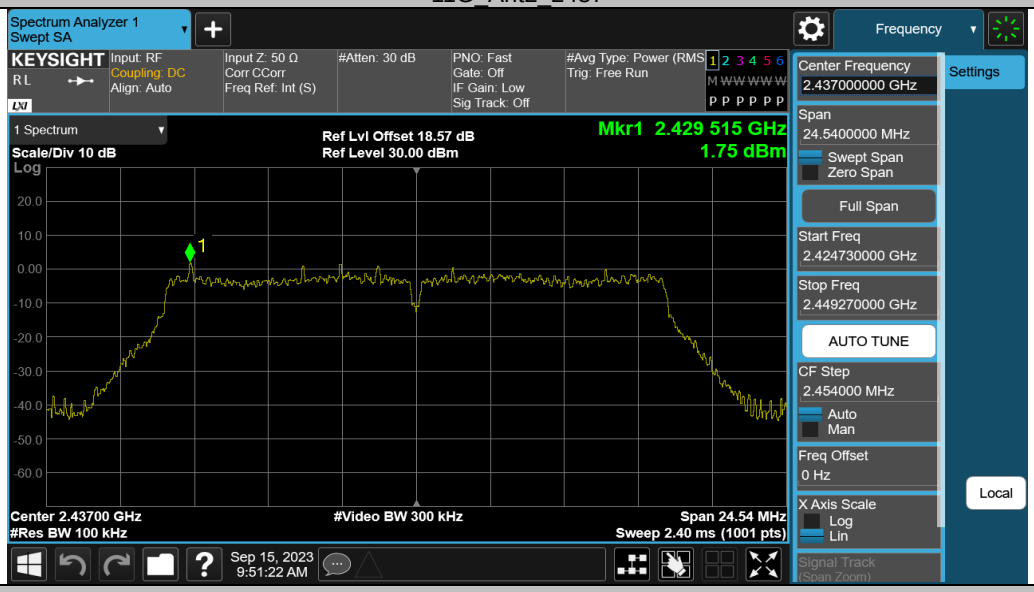


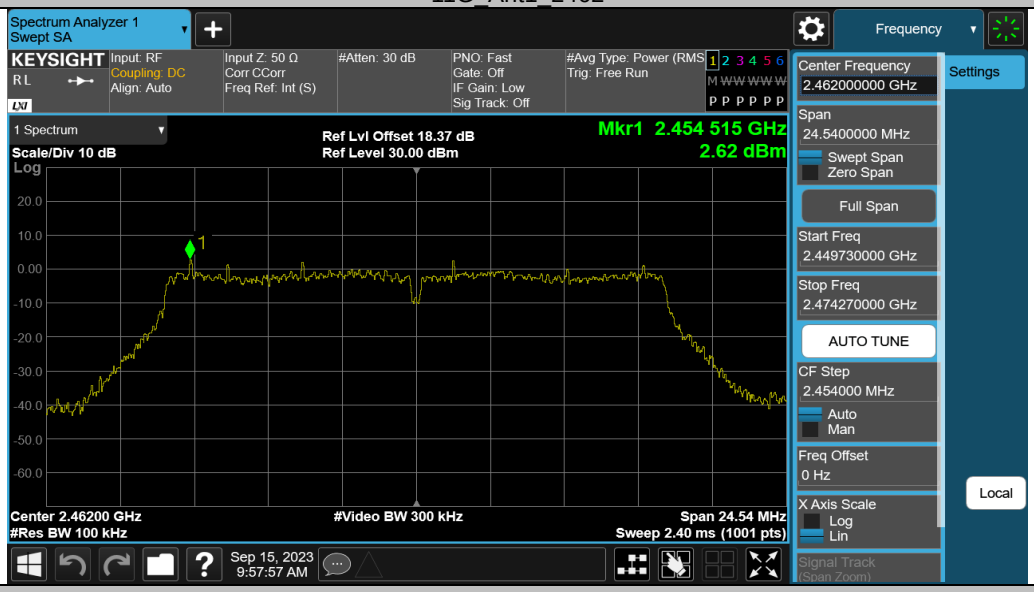
11G_Ant1_2437



11G_Ant2_2437



11G_Ant1_2462



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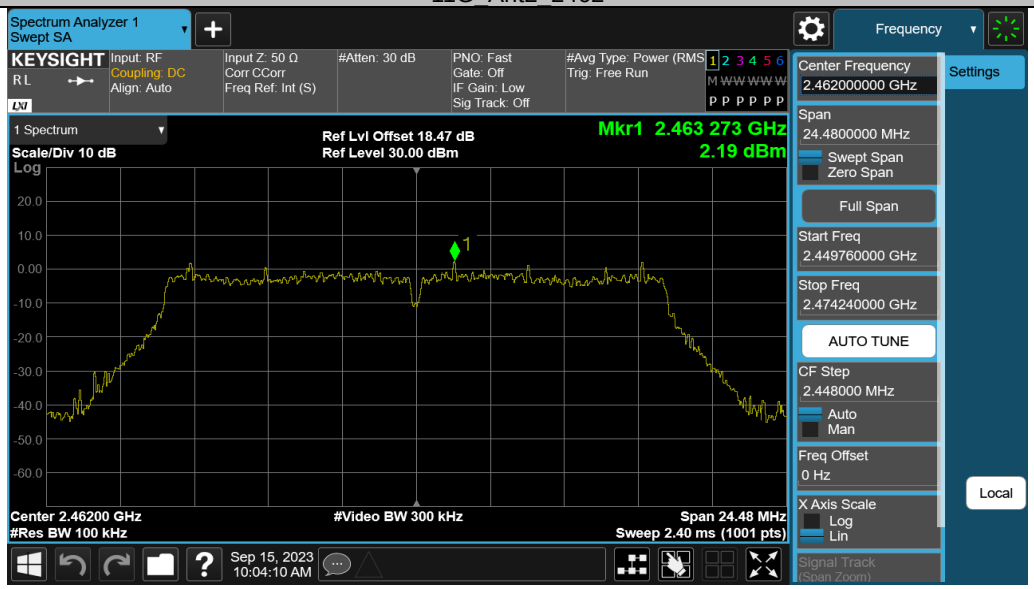

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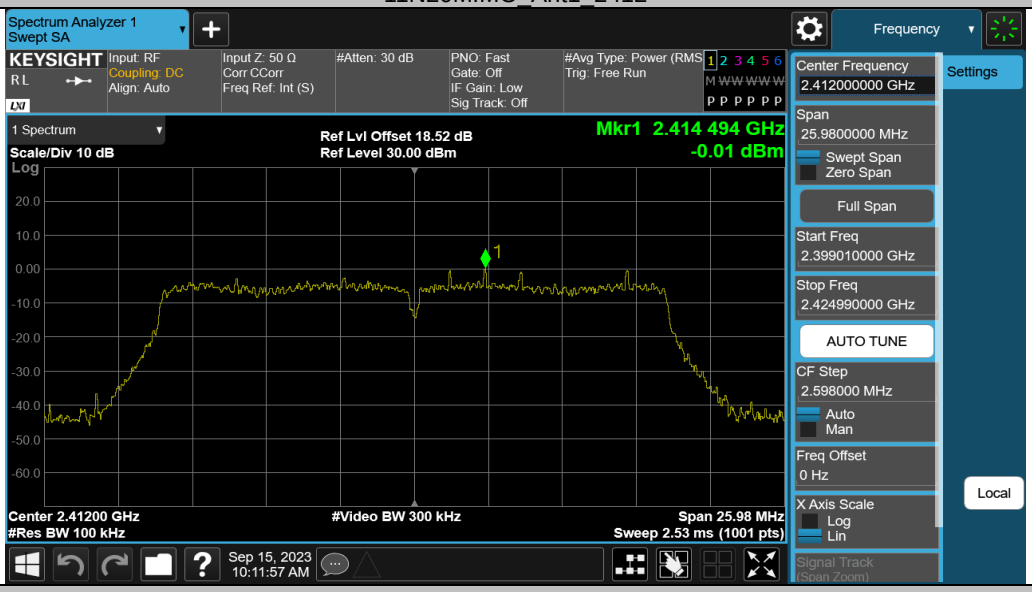

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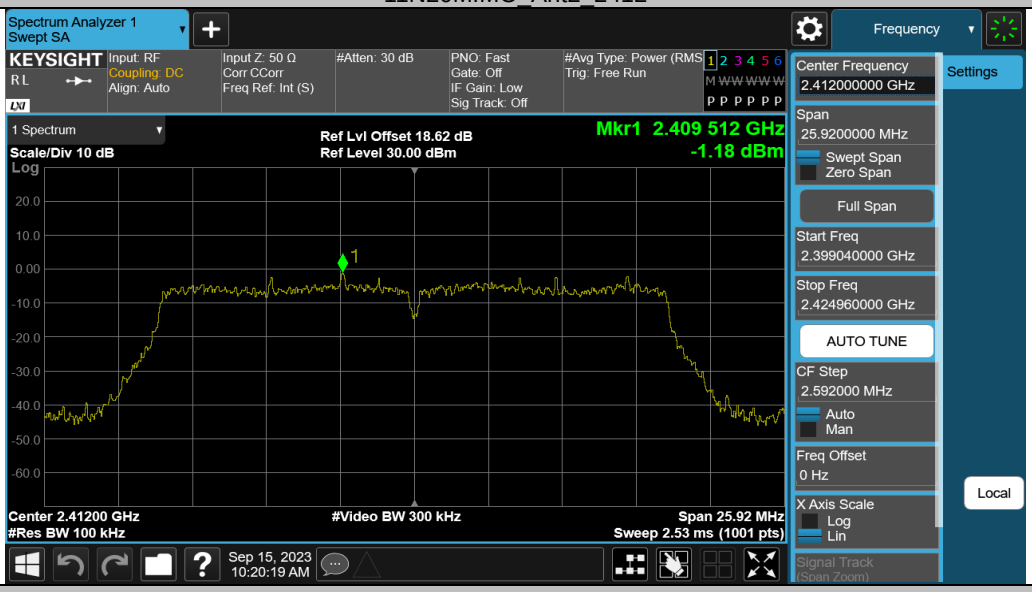

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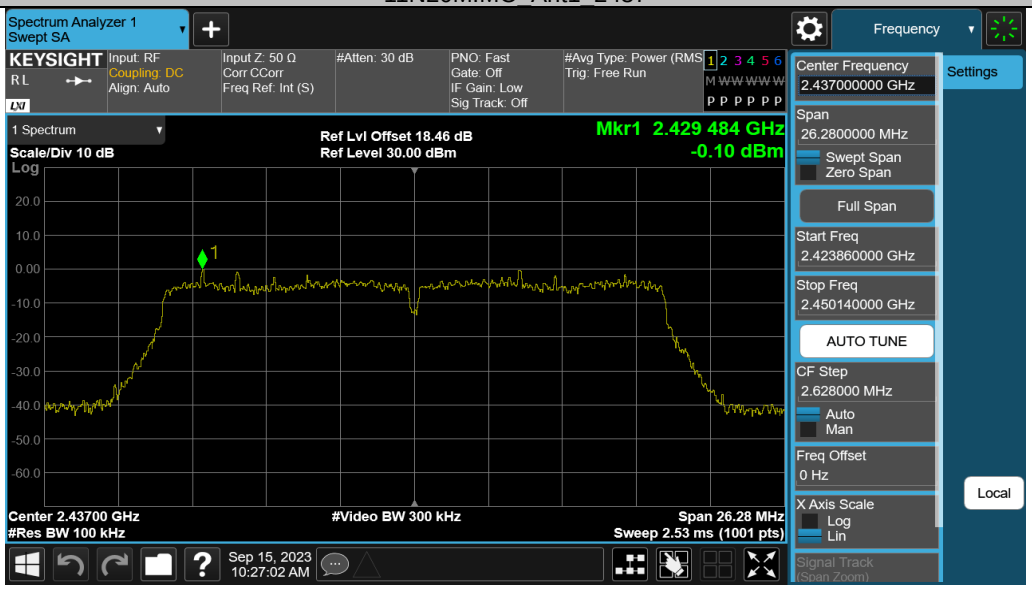

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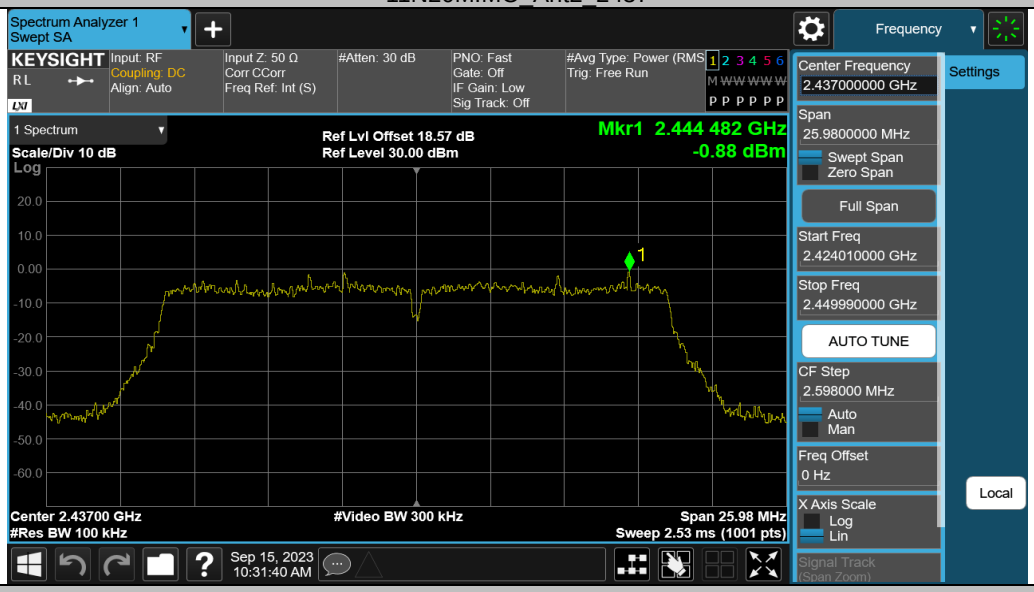

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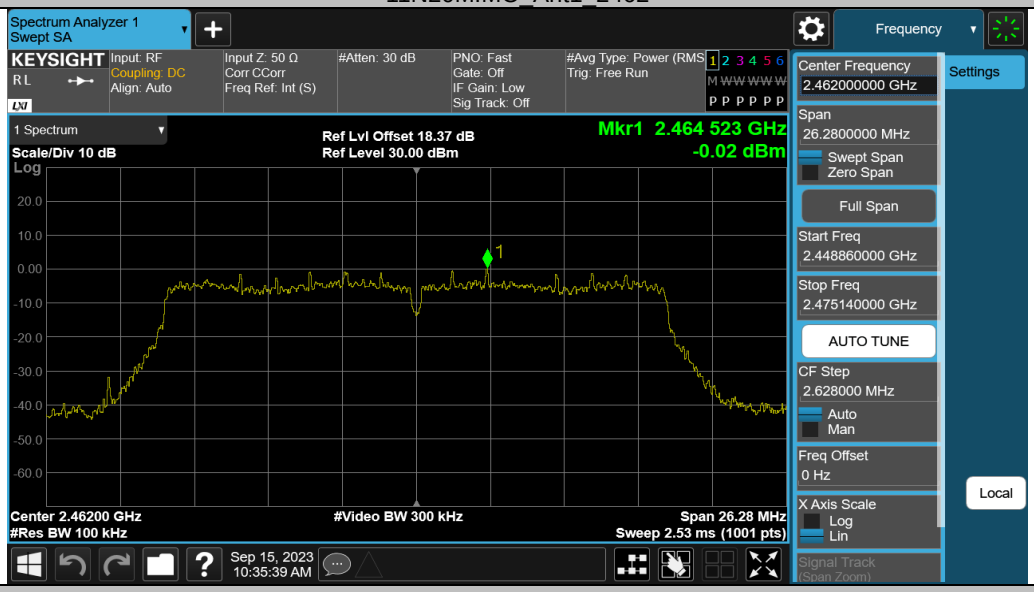

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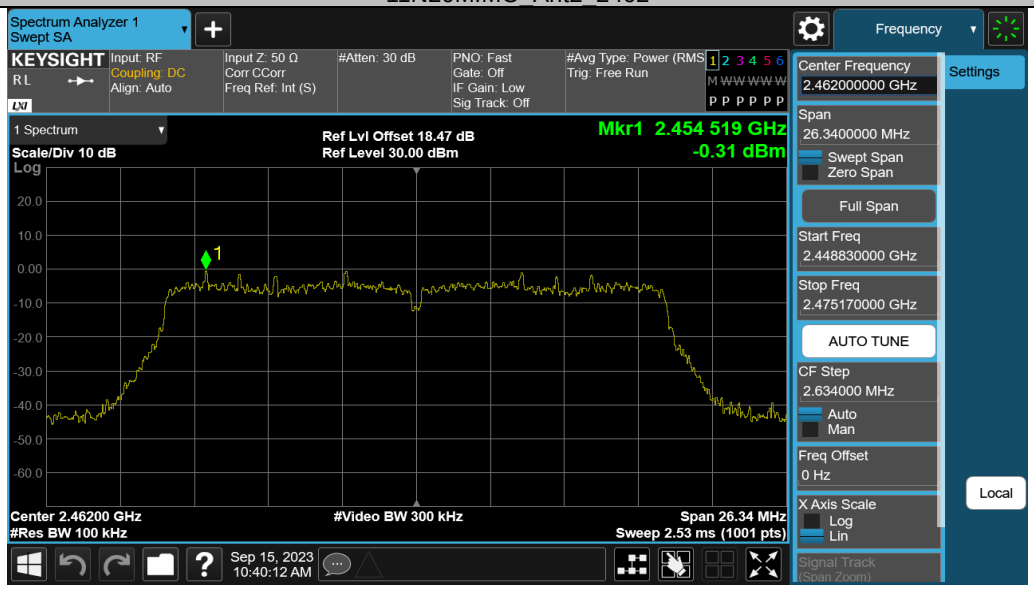

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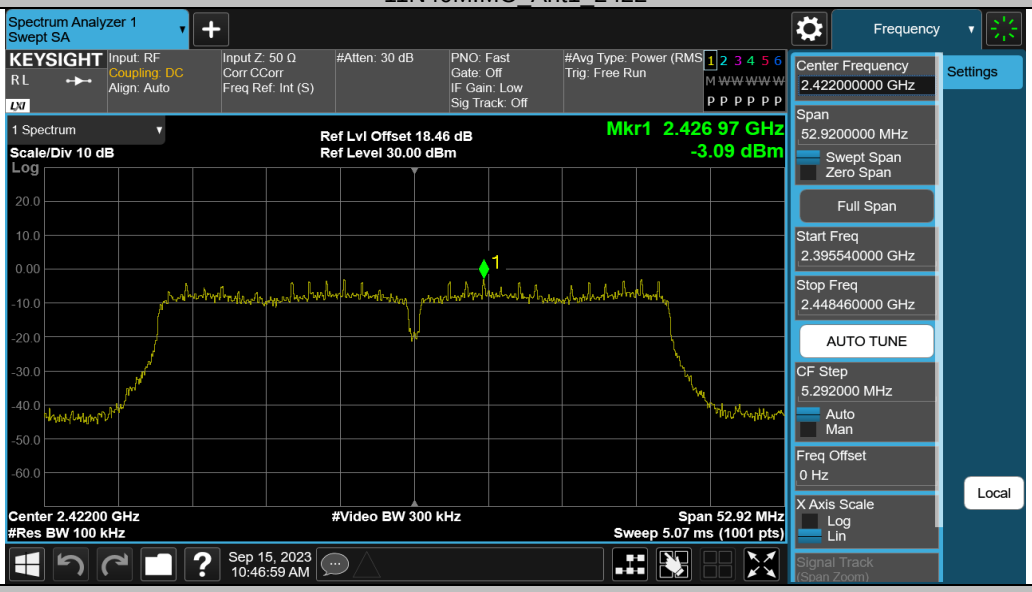

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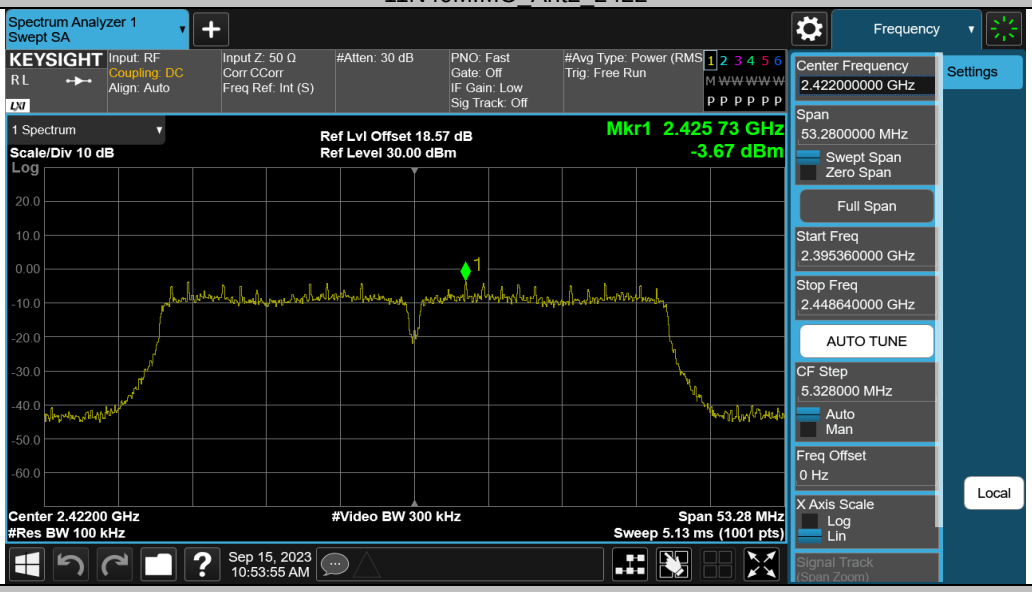

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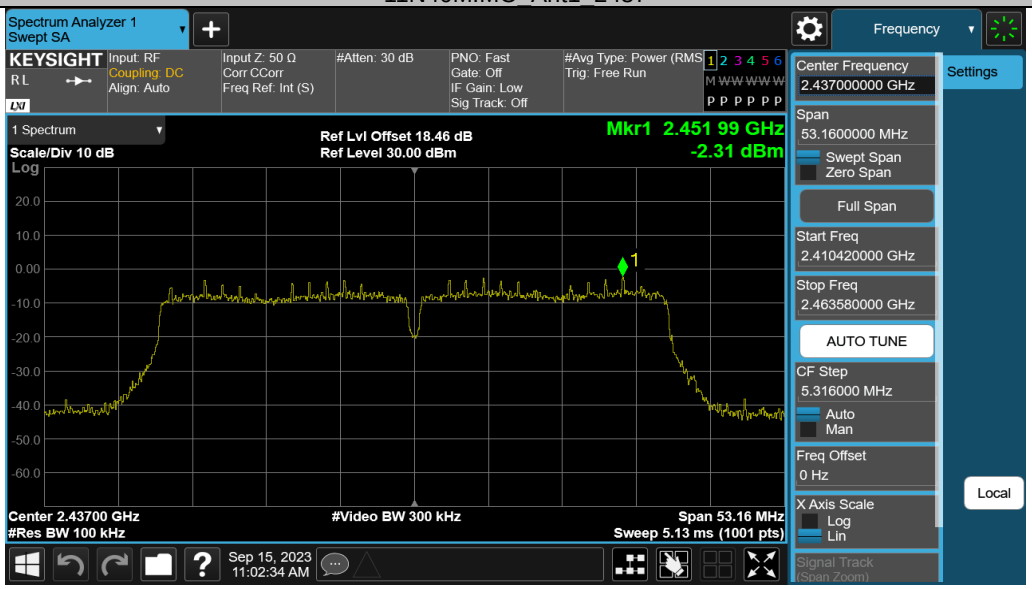

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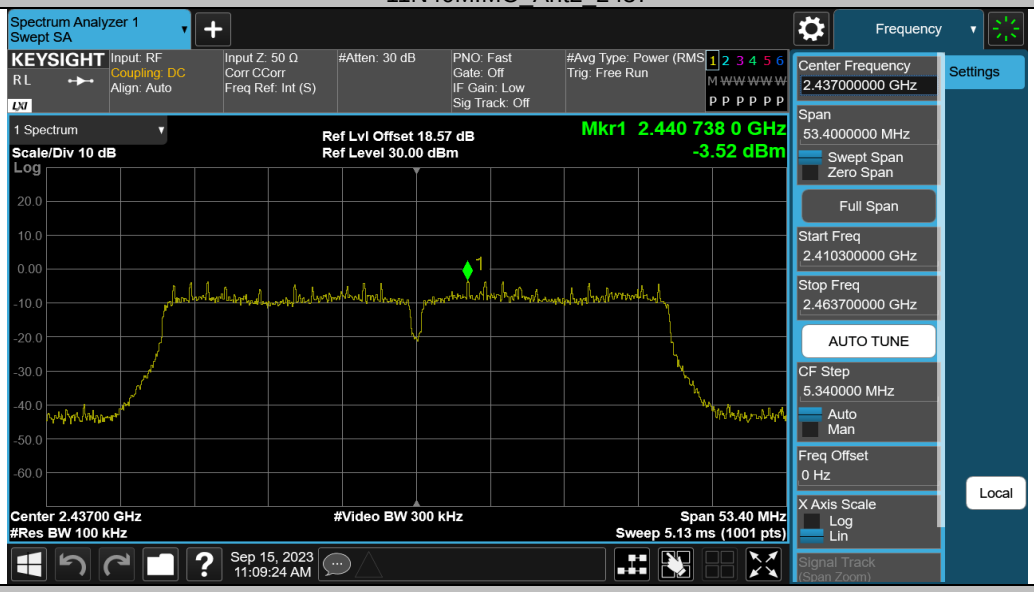

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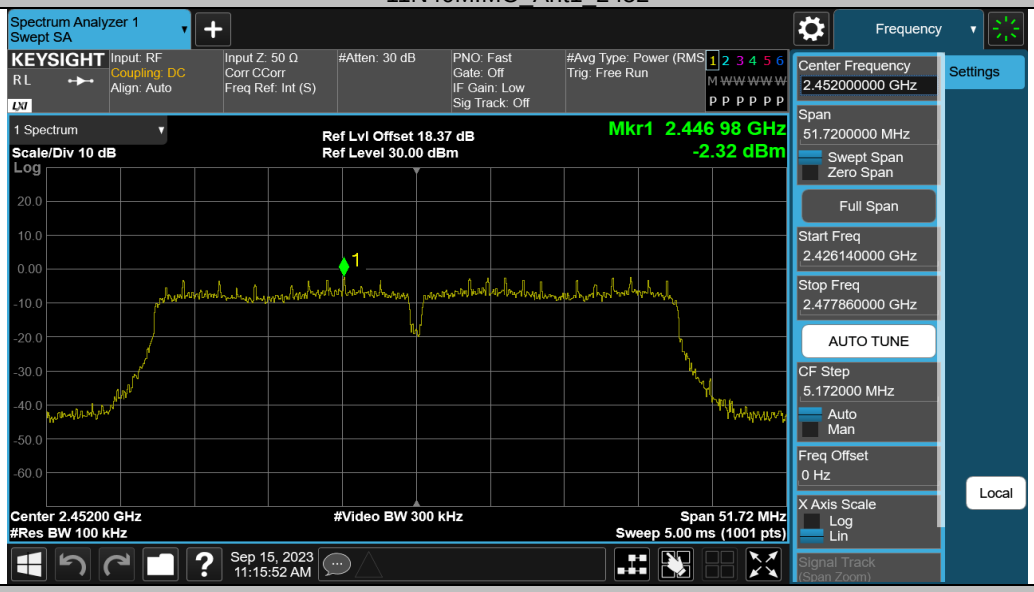

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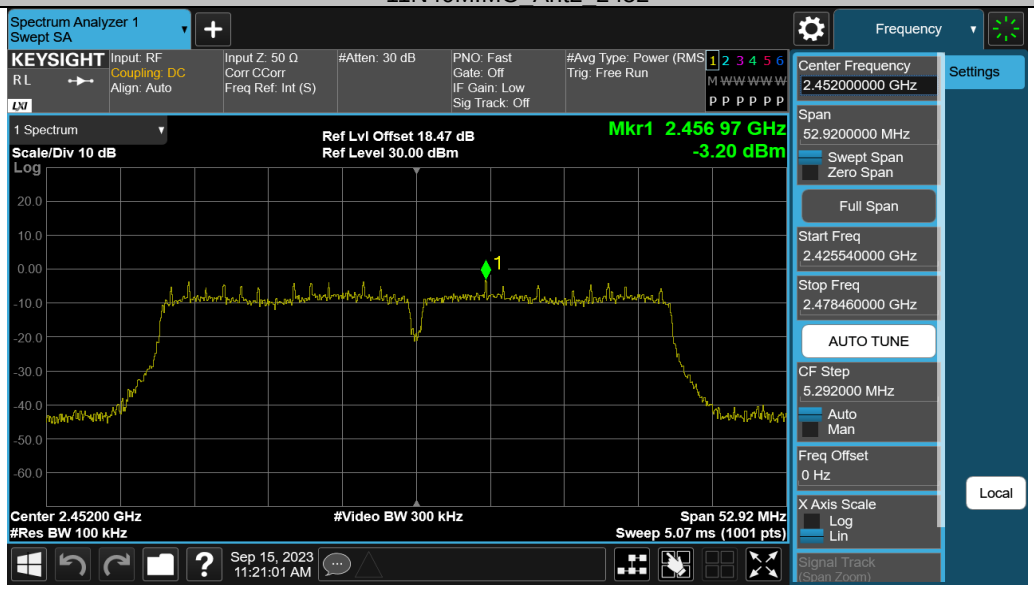

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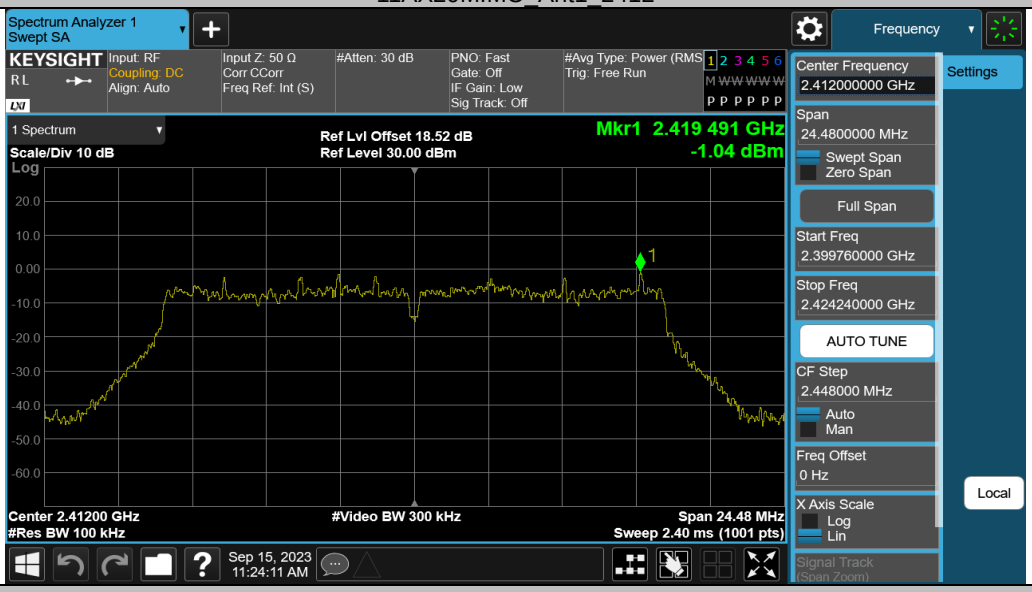

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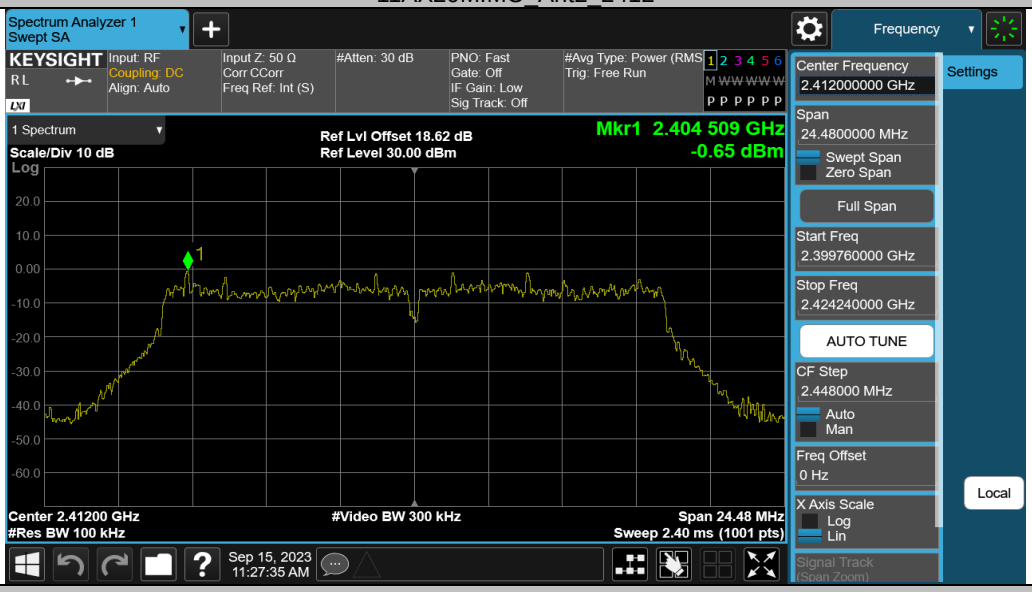

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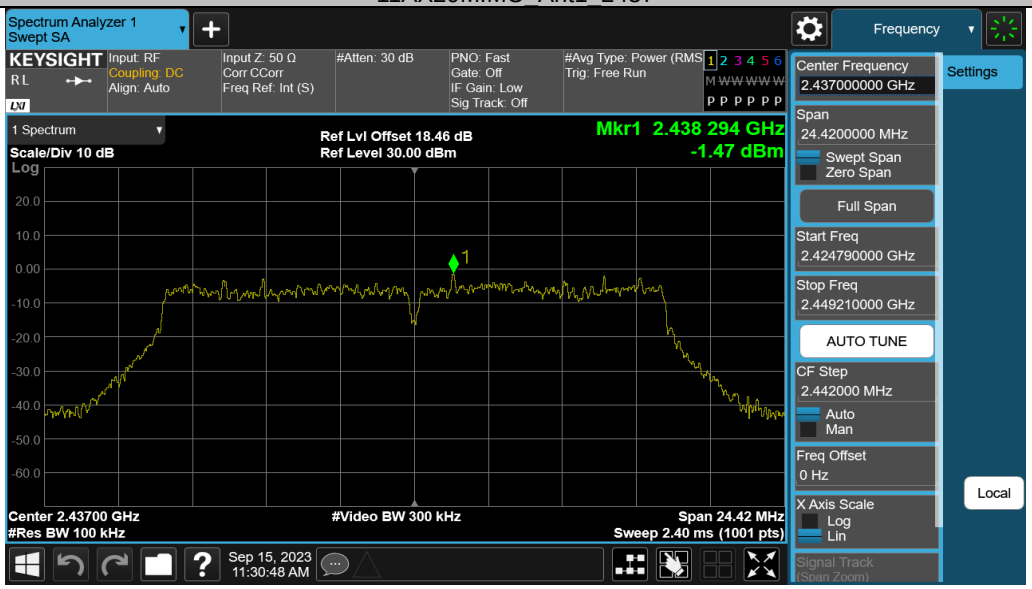

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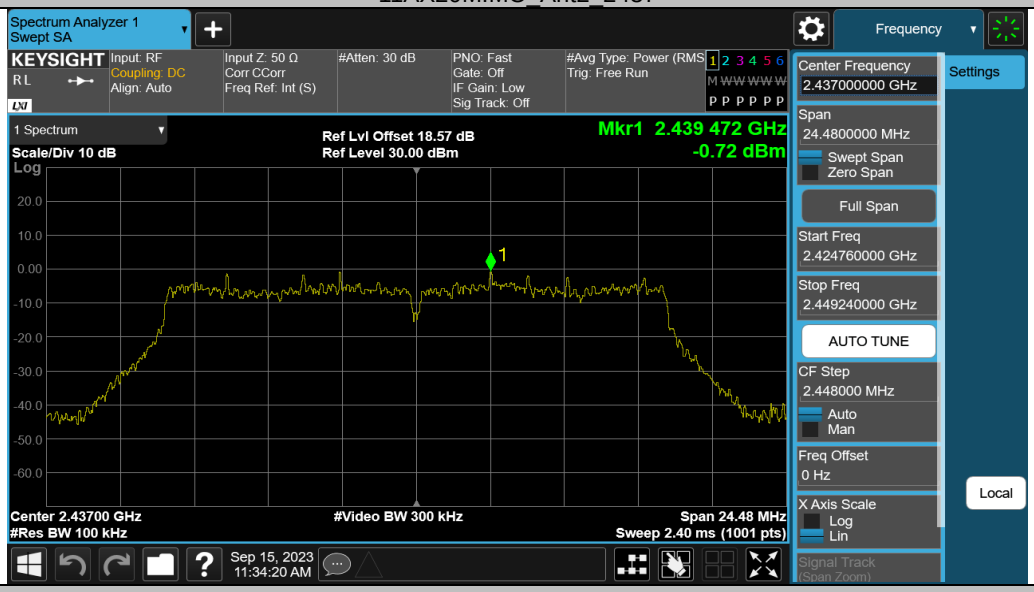

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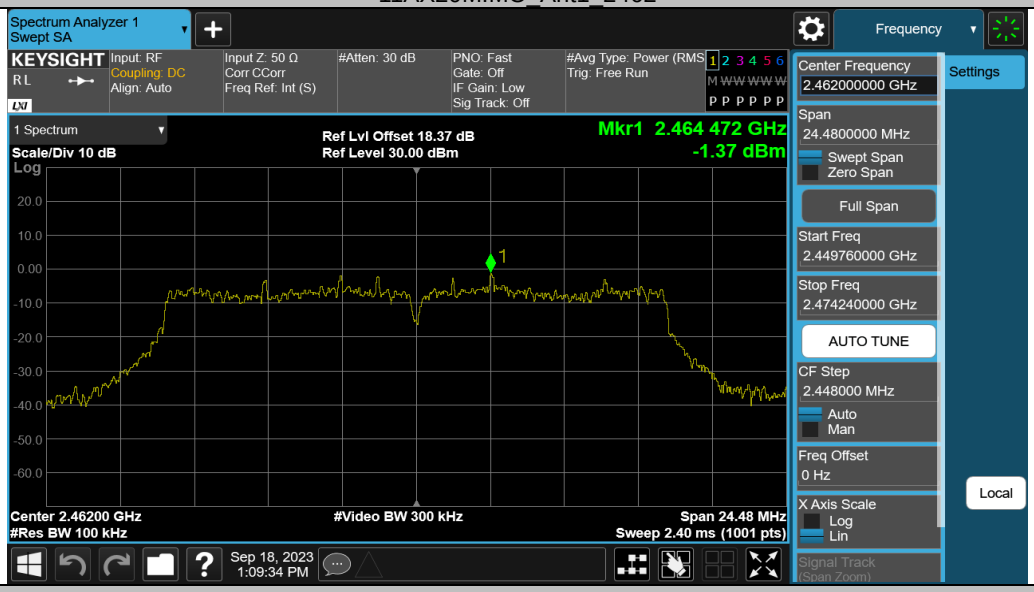

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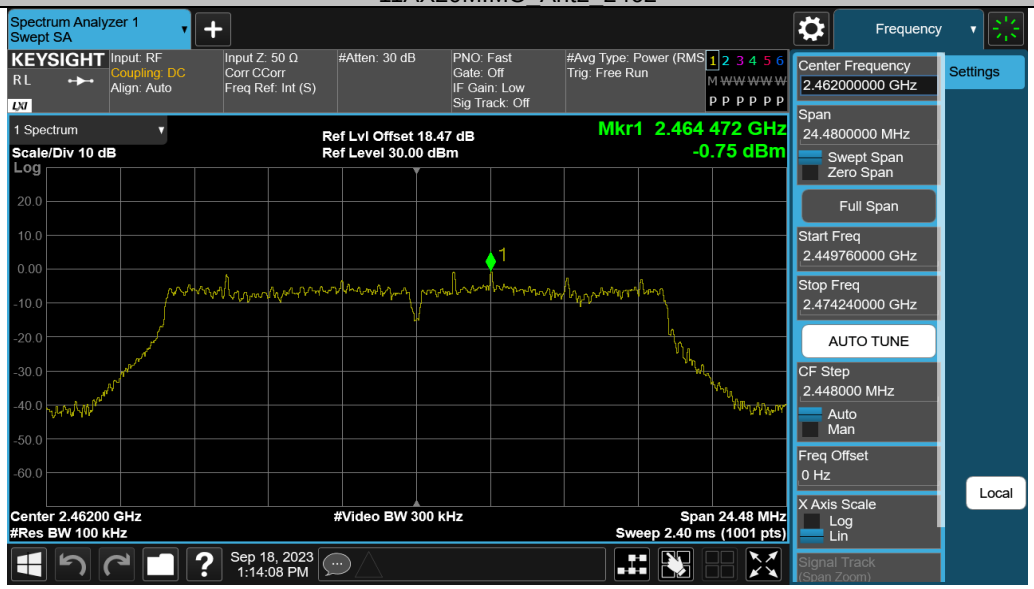
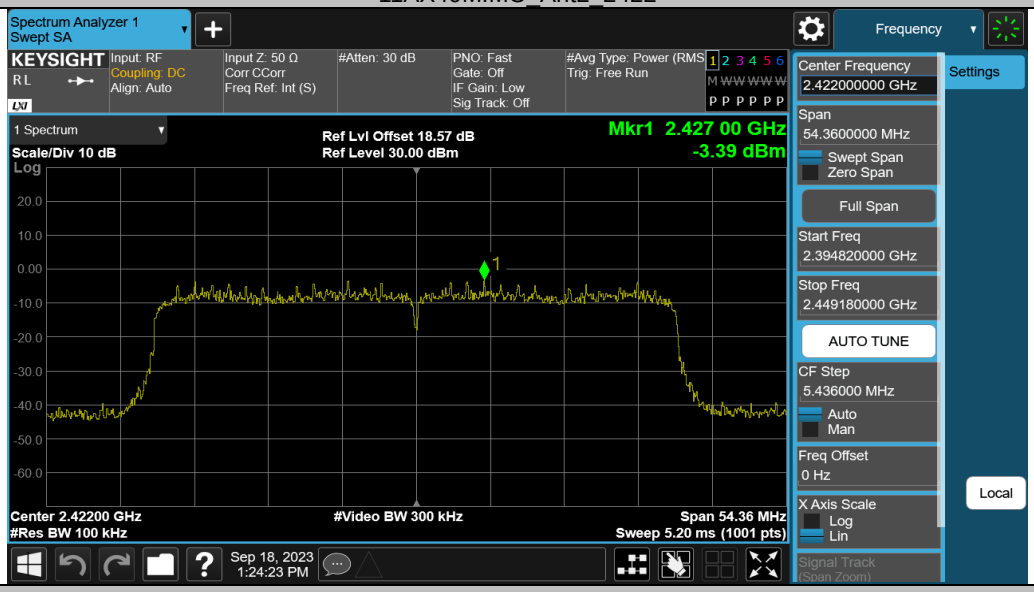


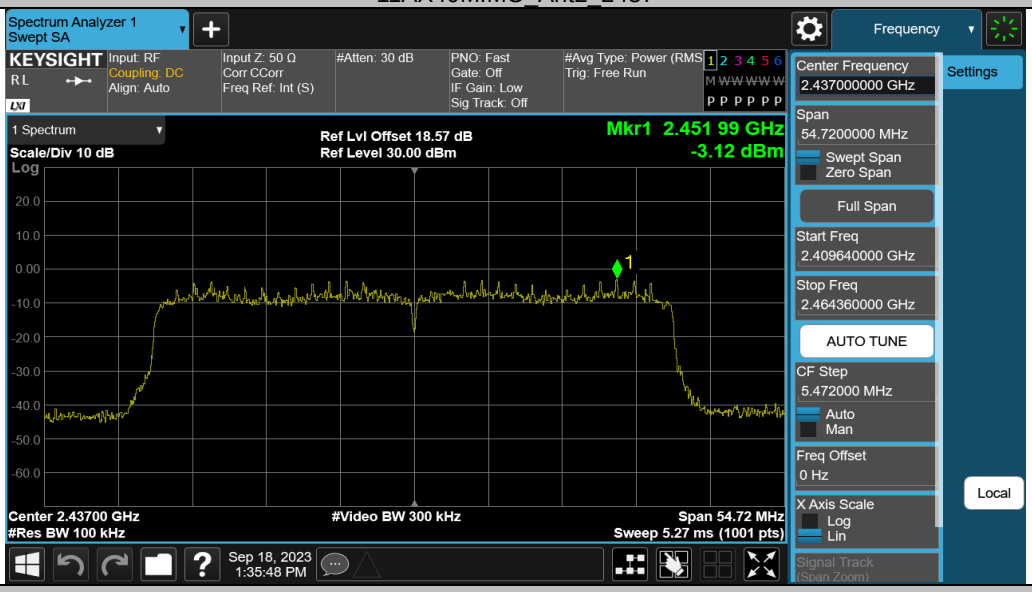
11AX40MIMO_Ant1_2422

11AX40MIMO_Ant2_2422

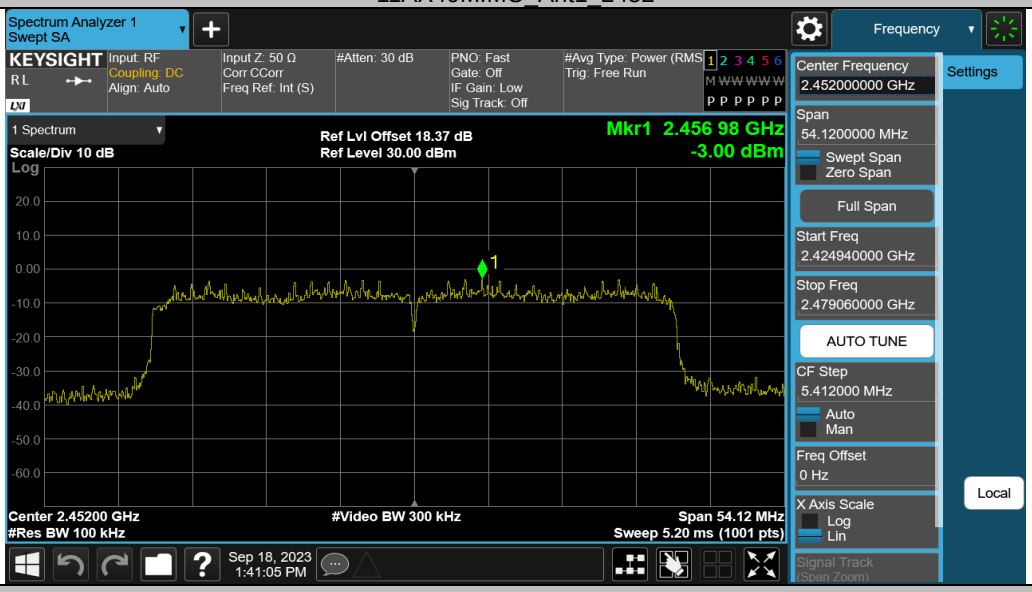


11AX40MIMO_Ant1_2437

11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



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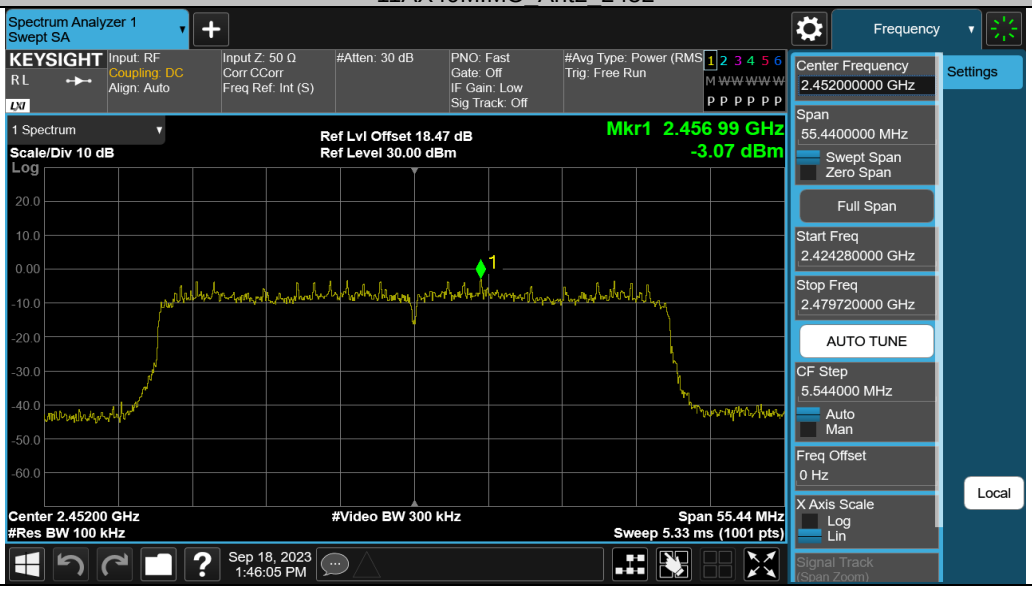


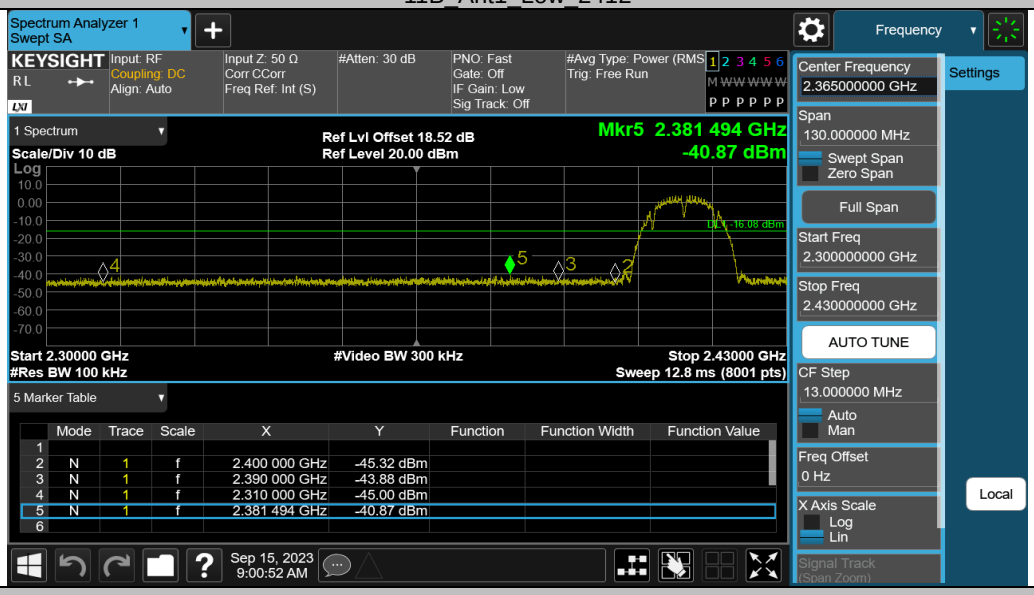
Appendix F: Band edge measurements

Test Result

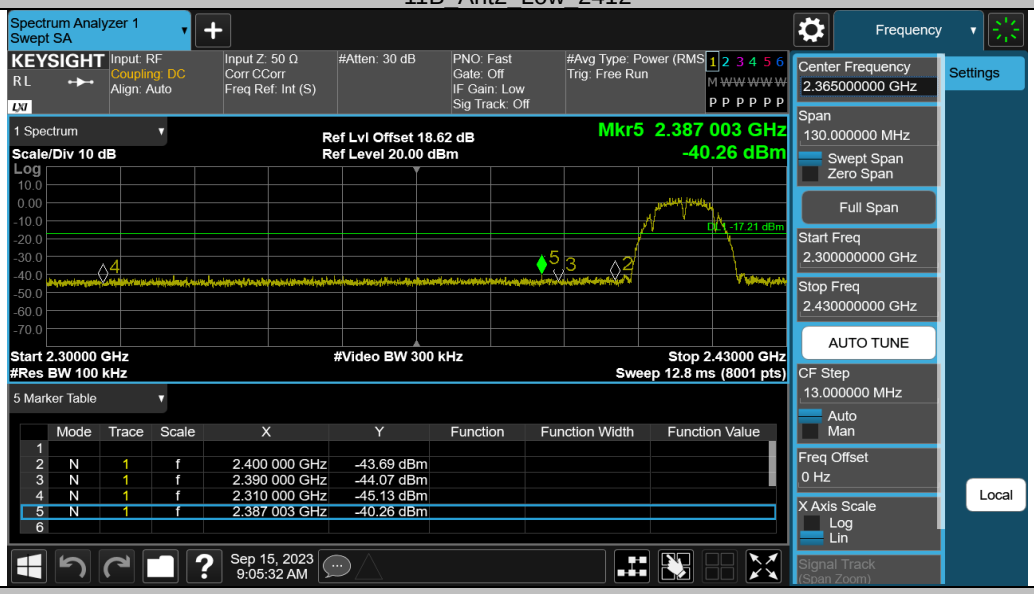
Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.92	-40.87	≤-16.08	PASS
	Ant2	Low	2412	2.79	-40.26	≤-17.21	PASS
	Ant1	High	2462	3.65	-40.25	≤-16.35	PASS
	Ant2	High	2462	3.33	-40.47	≤-16.67	PASS
11G	Ant1	Low	2412	2.63	-40.47	≤-17.37	PASS
	Ant2	Low	2412	1.97	-39.38	≤-18.03	PASS
	Ant1	High	2462	2.62	-40.21	≤-17.38	PASS
	Ant2	High	2462	2.19	-40.44	≤-17.81	PASS
11N20MIMO	Ant1	Low	2412	-0.01	-40.43	≤-20.01	PASS
	Ant2	Low	2412	-1.18	-38.44	≤-21.18	PASS
	Ant1	High	2462	-0.03	-40.34	≤-20.03	PASS
	Ant2	High	2462	-0.32	-40.34	≤-20.32	PASS
11N40MIMO	Ant1	Low	2422	-3.09	-40.42	≤-23.09	PASS
	Ant2	Low	2422	-3.67	-40.14	≤-23.67	PASS
	Ant1	High	2452	-2.32	-40.3	≤-22.32	PASS
	Ant2	High	2452	-3.20	-40.73	≤-23.2	PASS
11AX20MIMO	Ant1	Low	2412	-1.04	-40.26	≤-21.04	PASS
	Ant2	Low	2412	-0.65	-40.72	≤-20.65	PASS
	Ant1	High	2462	-1.37	-40.41	≤-21.37	PASS
	Ant2	High	2462	-0.75	-40.82	≤-20.75	PASS
11AX40MIMO	Ant1	Low	2422	-3.44	-37.89	≤-23.44	PASS
	Ant2	Low	2422	-3.39	-39.55	≤-23.39	PASS
	Ant1	High	2452	-3.00	-33.99	≤-23	PASS
	Ant2	High	2452	-3.07	-40.62	≤-23.07	PASS

Test Graphs

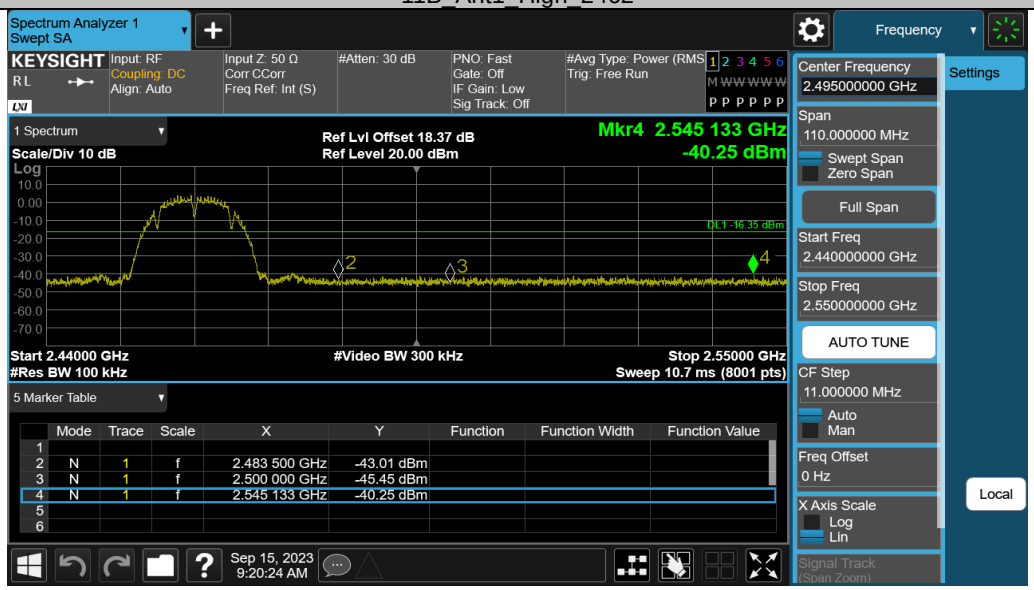
11B_Ant1_Low_2412



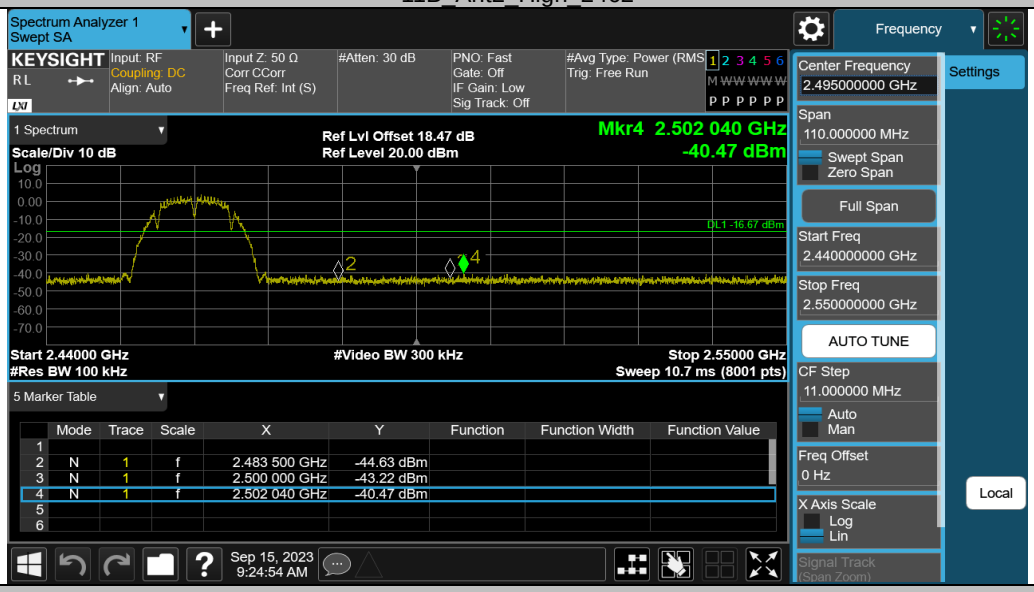
11B_Ant2_Low_2412



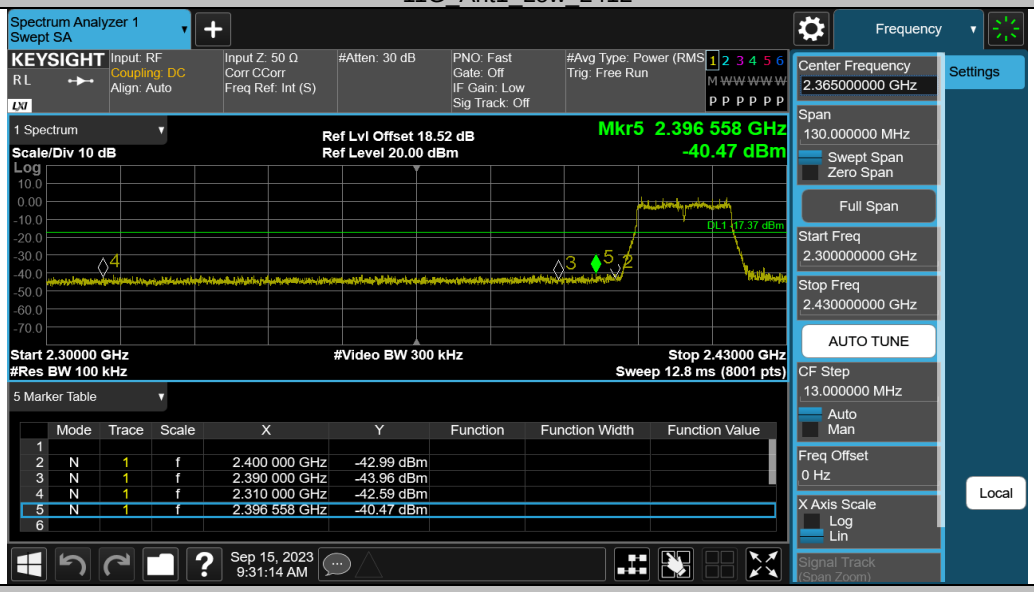
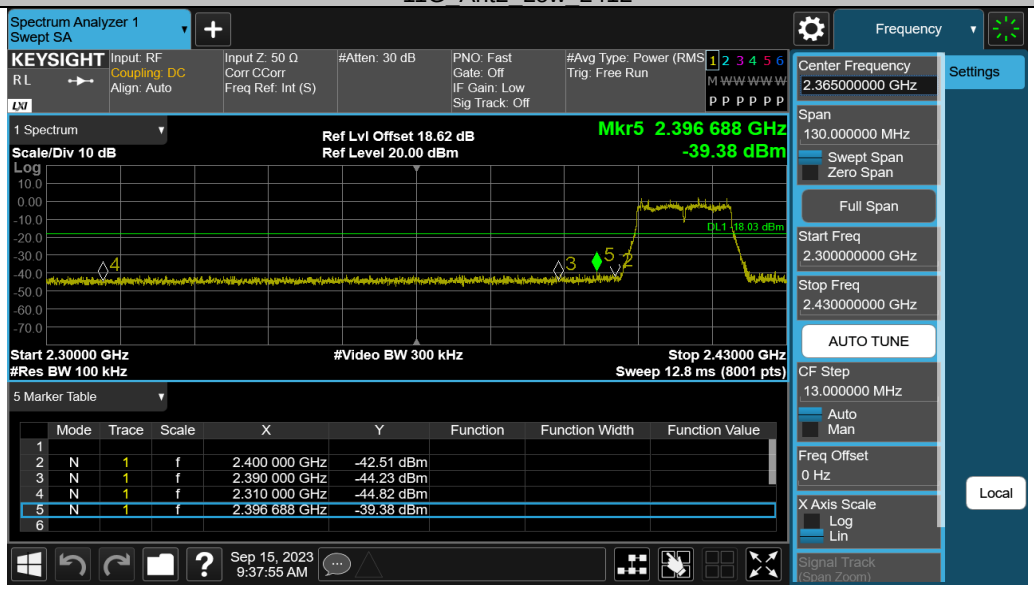
11B_Ant1_High_2462



11B_Ant2_High_2462



11G_Ant1_Low_2412



11G_Ant2_Low_2412