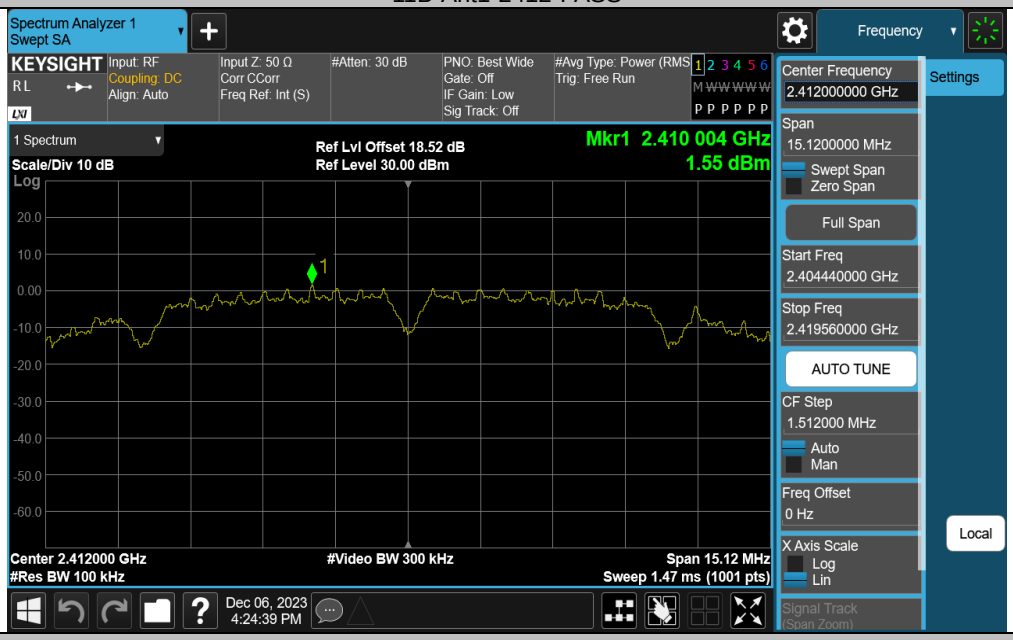
Appendix E: Reference level measurement

Test Result

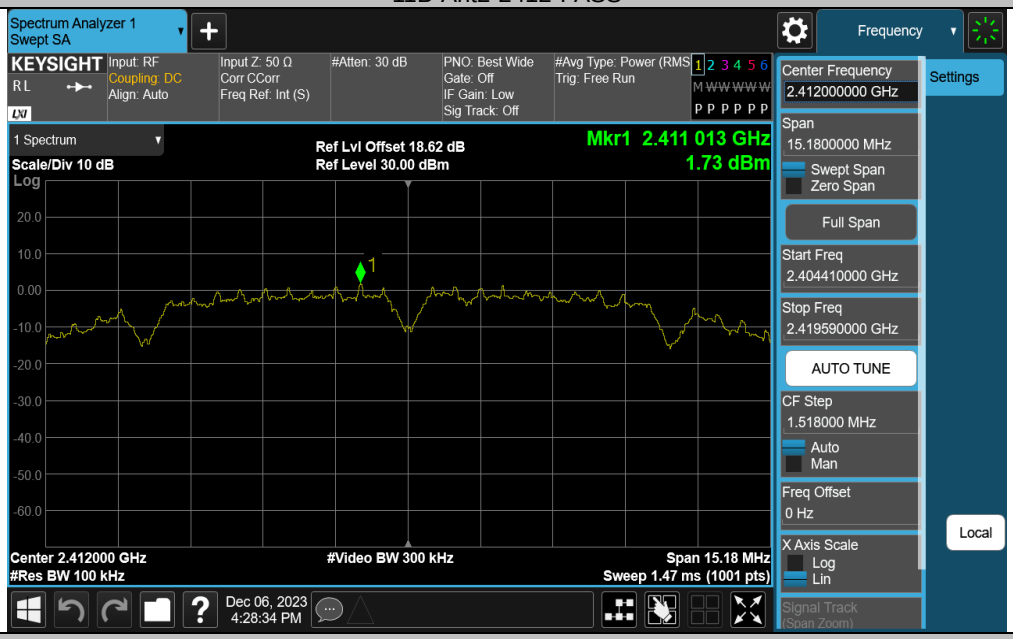
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.00	1.55
11B	Ant2	2412	2411.01	1.74
11B	Ant1	2437	2434.53	1.03
11B	Ant2	2437	2436.02	2.13
11B	Ant1	2462	2463.01	2.50
11B	Ant2	2462	2461.01	1.33
11G	Ant1	2412	2415.74	-4.00
11G	Ant2	2412	2417.02	-4.41
11G	Ant1	2437	2441.99	-3.83
11G	Ant2	2437	2438.27	-4.12
11G	Ant1	2462	2454.51	-3.75
11G	Ant2	2462	2460.78	-4.07
11N20MIMO	Ant1	2412	2408.26	-6.47
11N20MIMO	Ant2	2412	2417.02	-6.25
11N20MIMO	Ant1	2437	2443.27	-6.23
11N20MIMO	Ant2	2437	2441.99	-6.46
11N20MIMO	Ant1	2462	2455.73	-5.52
11N20MIMO	Ant2	2462	2463.24	-5.70
11N40MIMO	Ant1	2422	2413.24	-8.36
11N40MIMO	Ant2	2422	2414.47	-7.84
11N40MIMO	Ant1	2437	2449.50	-8.84
11N40MIMO	Ant2	2437	2454.52	-8.01
11N40MIMO	Ant1	2452	2449.50	-8.08
11N40MIMO	Ant2	2452	2458.29	-8.01
11AX20MIMO	Ant1	2412	2413.25	-6.87
11AX20MIMO	Ant2	2412	2416.99	-7.80
11AX20MIMO	Ant1	2437	2441.99	-8.02
11AX20MIMO	Ant2	2437	2442.01	-8.14
11AX20MIMO	Ant1	2462	2464.52	-7.49
11AX20MIMO	Ant2	2462	2463.27	-6.60
11AX40MIMO	Ant1	2422	2417.02	-10.24
11AX40MIMO	Ant2	2422	2436.97	-8.10
11AX40MIMO	Ant1	2437	2452.03	-10.55
11AX40MIMO	Ant2	2437	2449.50	-10.53
11AX40MIMO	Ant1	2452	2454.51	-10.43
11AX40MIMO	Ant2	2452	2444.51	-9.02

Test Graphs

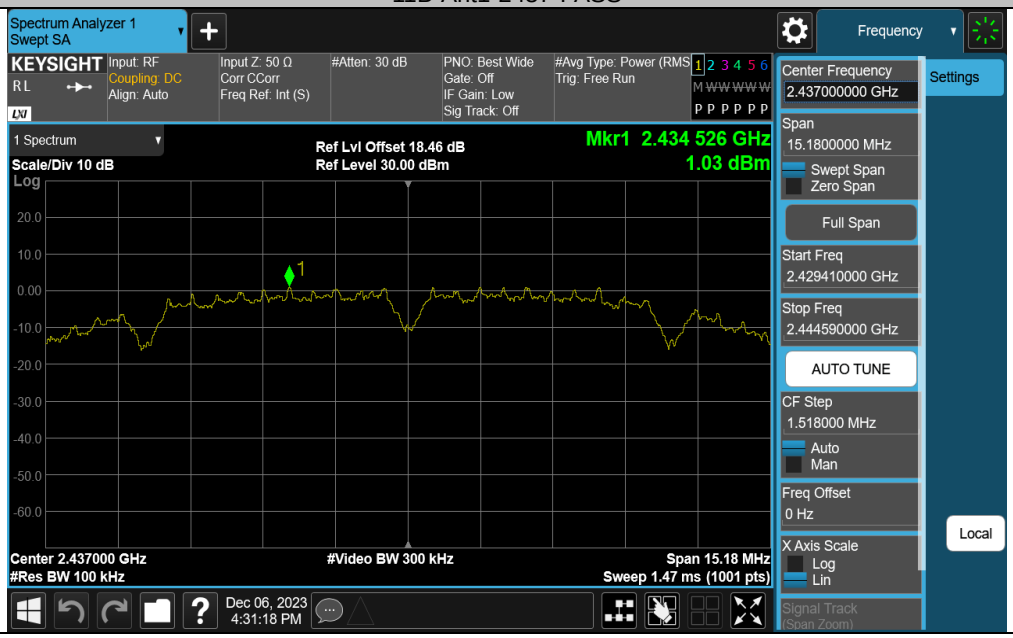
11B-Ant1-2412-PASS



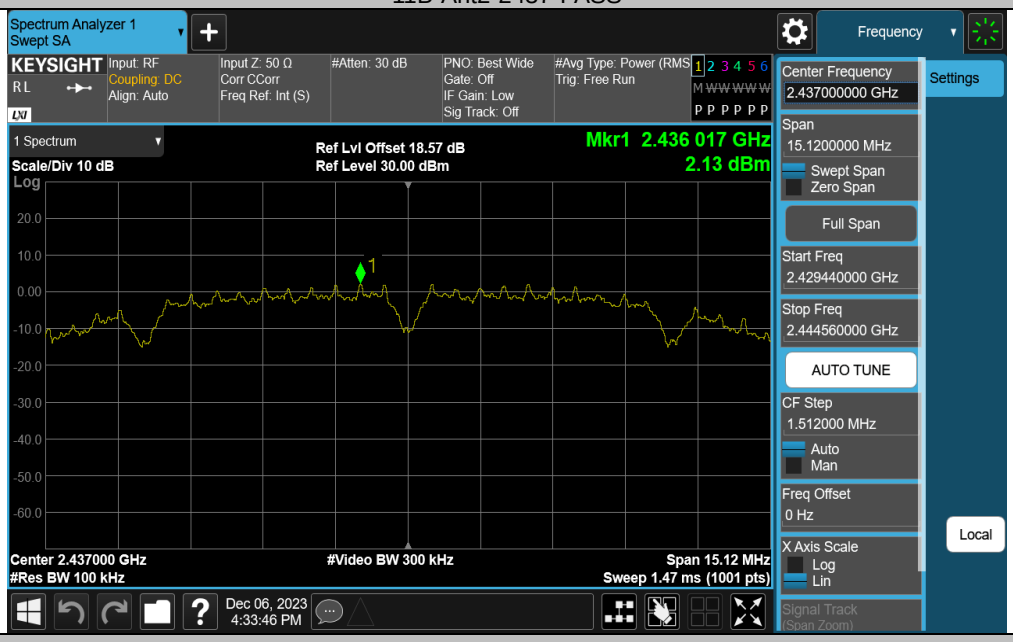
11B-Ant2-2412-PASS



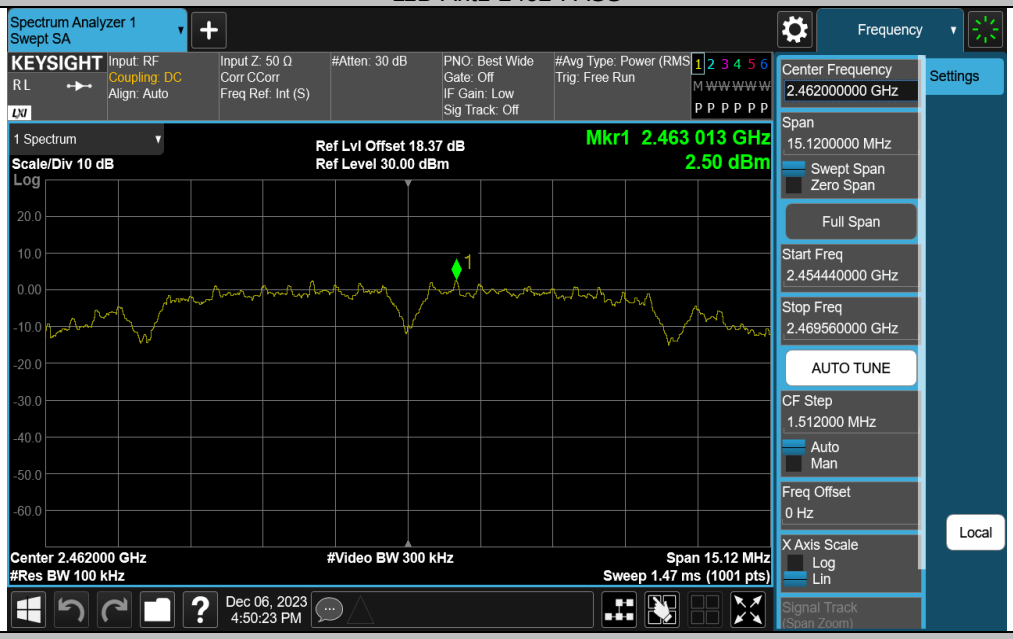
11B-Ant1-2437-PASS



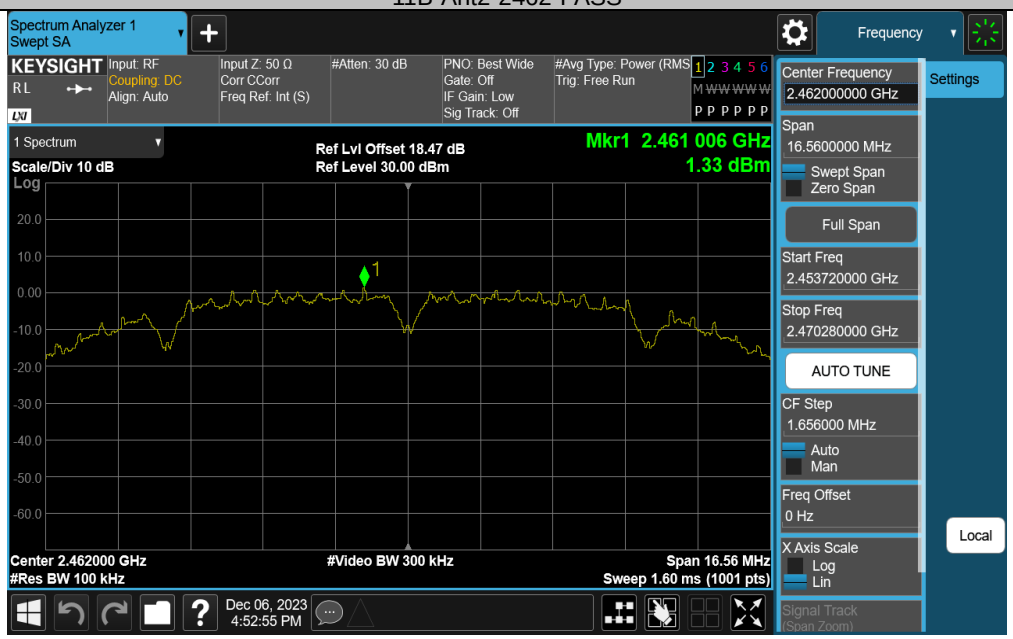
11B-Ant2-2437-PASS



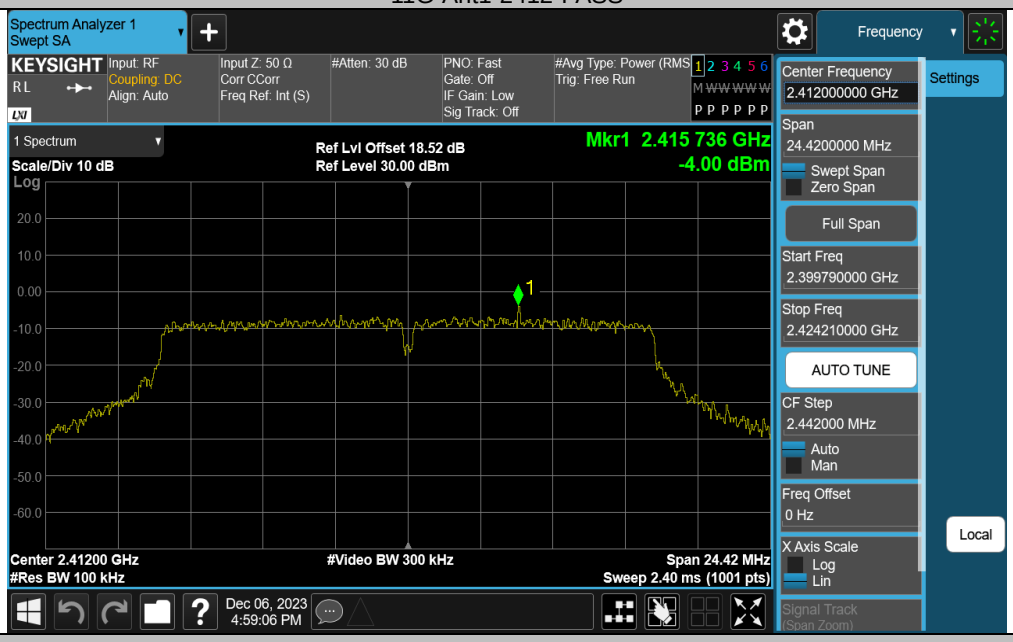
11B-Ant1-2462-PASS



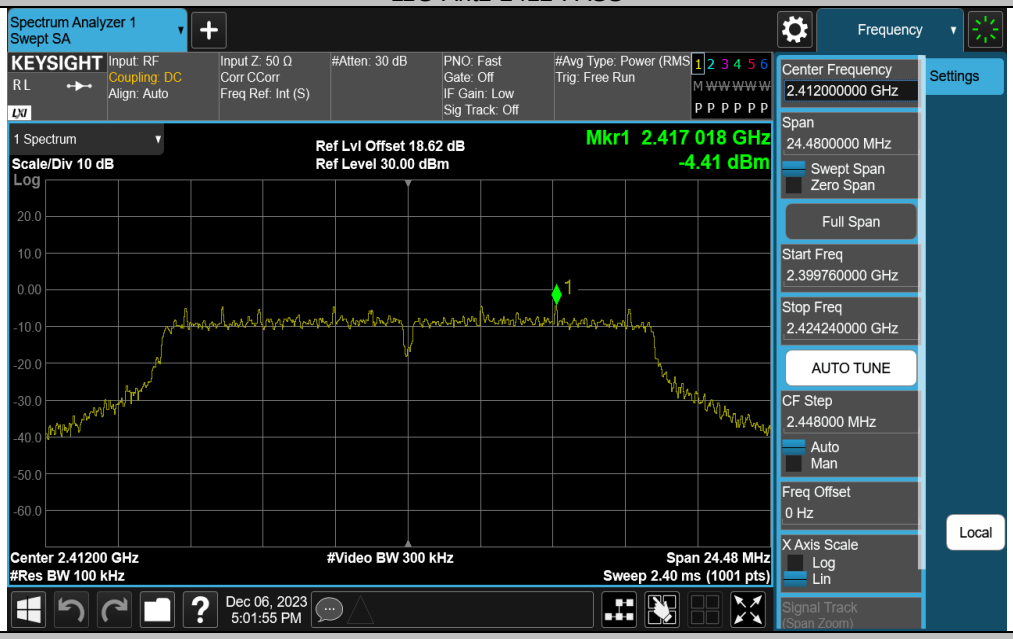
11B-Ant2-2462-PASS



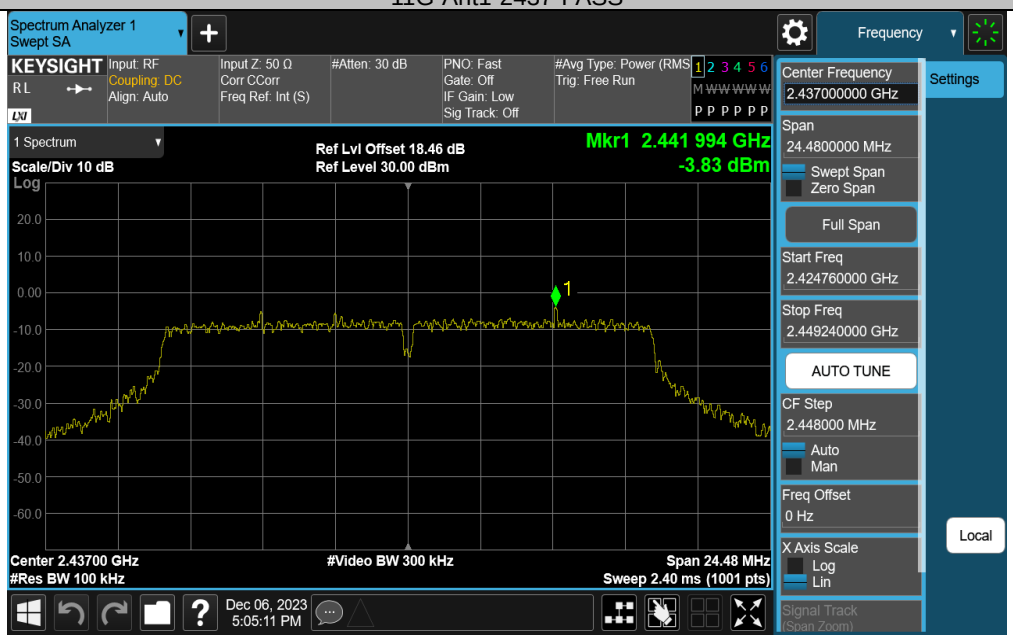
11G-Ant1-2412-PASS



11G-Ant2-2412-PASS



11G-Ant1-2437-PASS



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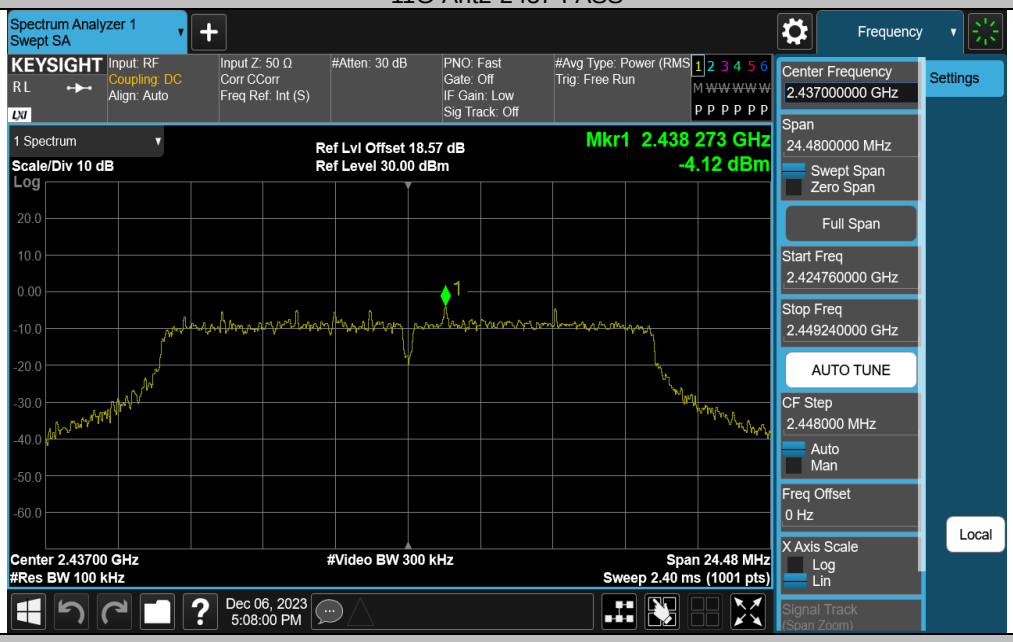

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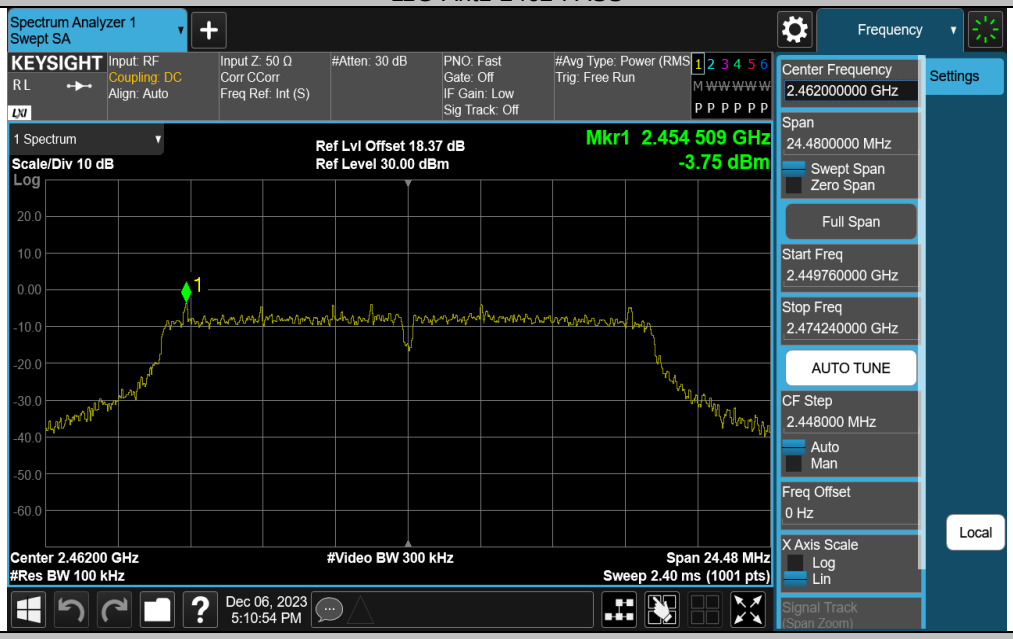

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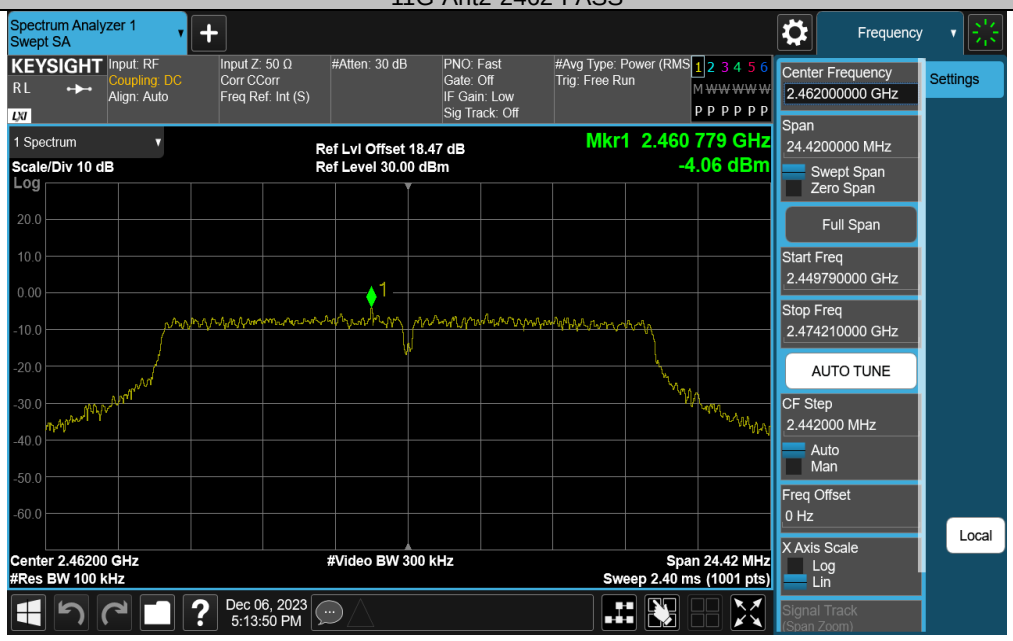
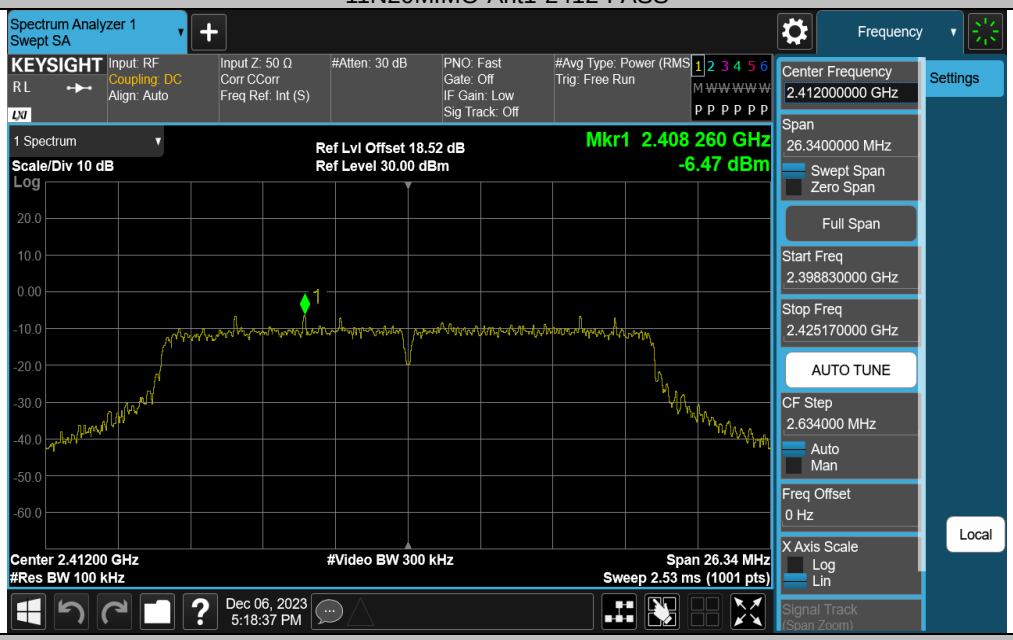
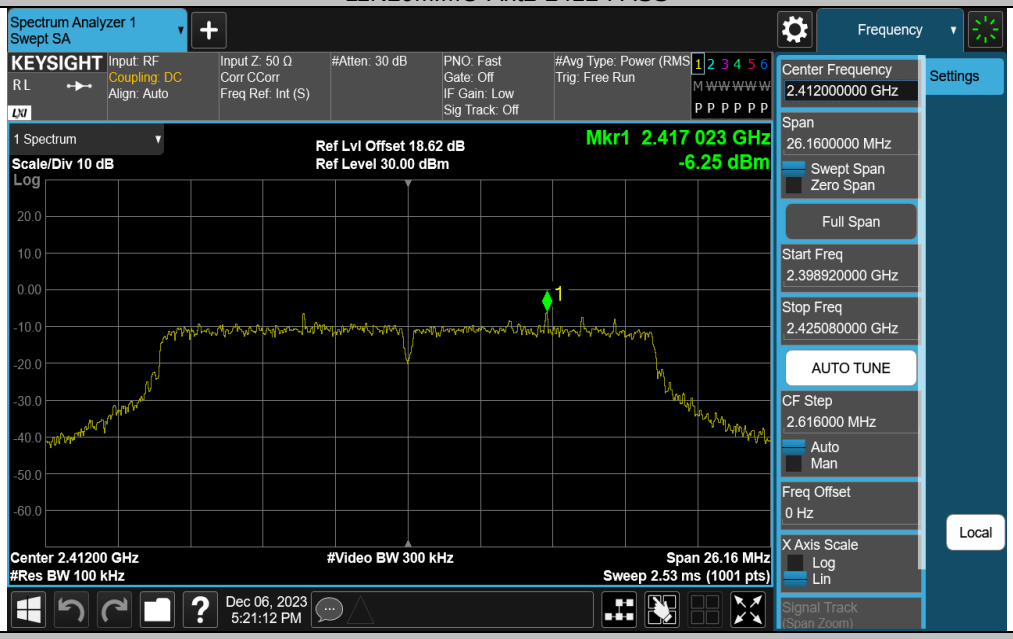


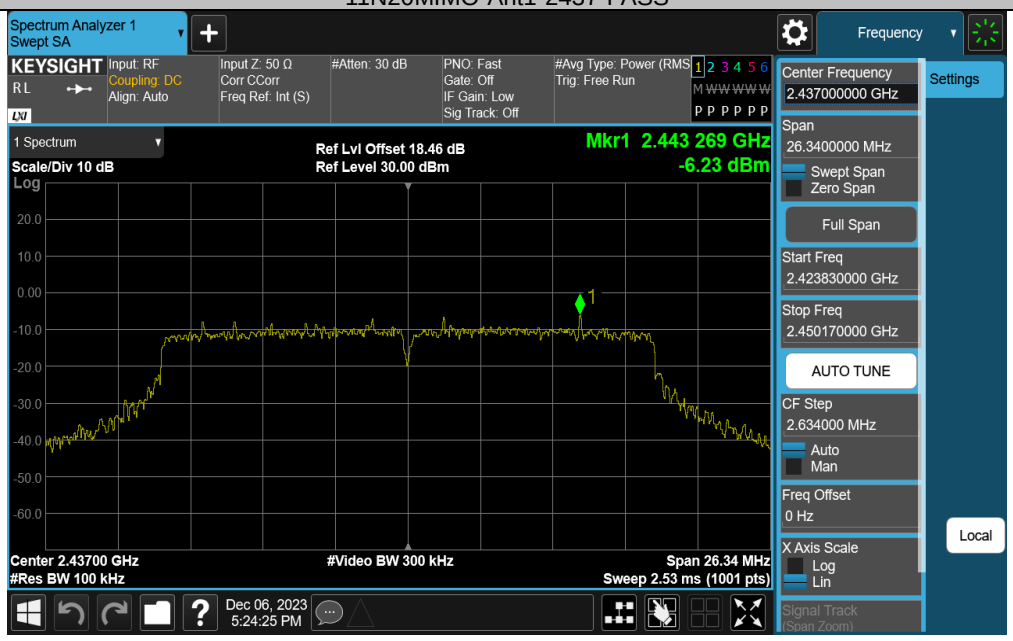
11N20MIMO-Ant1-2412-PASS



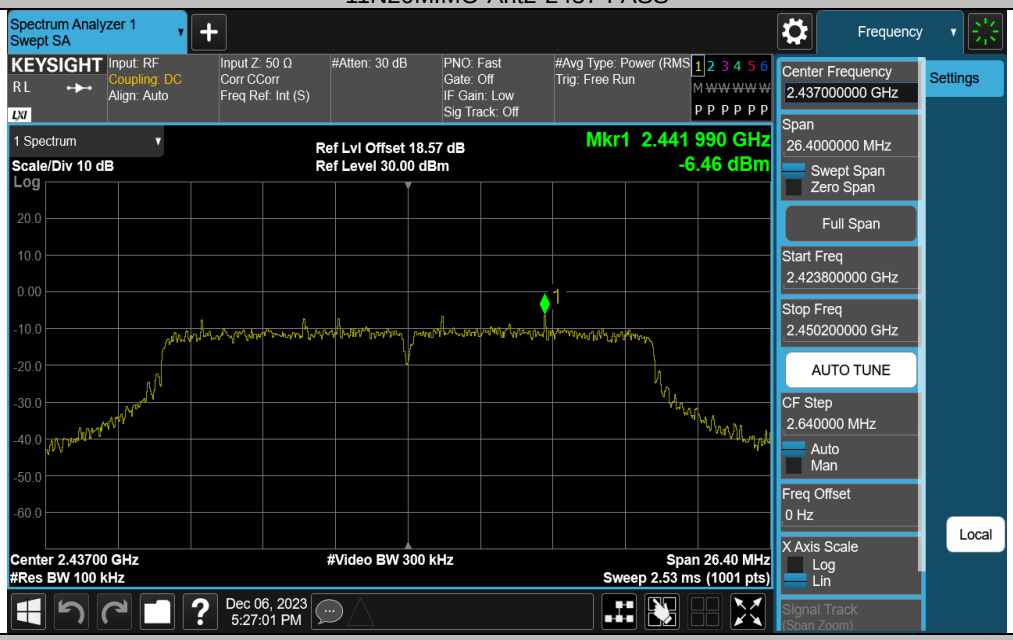
11N20MIMO-Ant2-2412-PASS



11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



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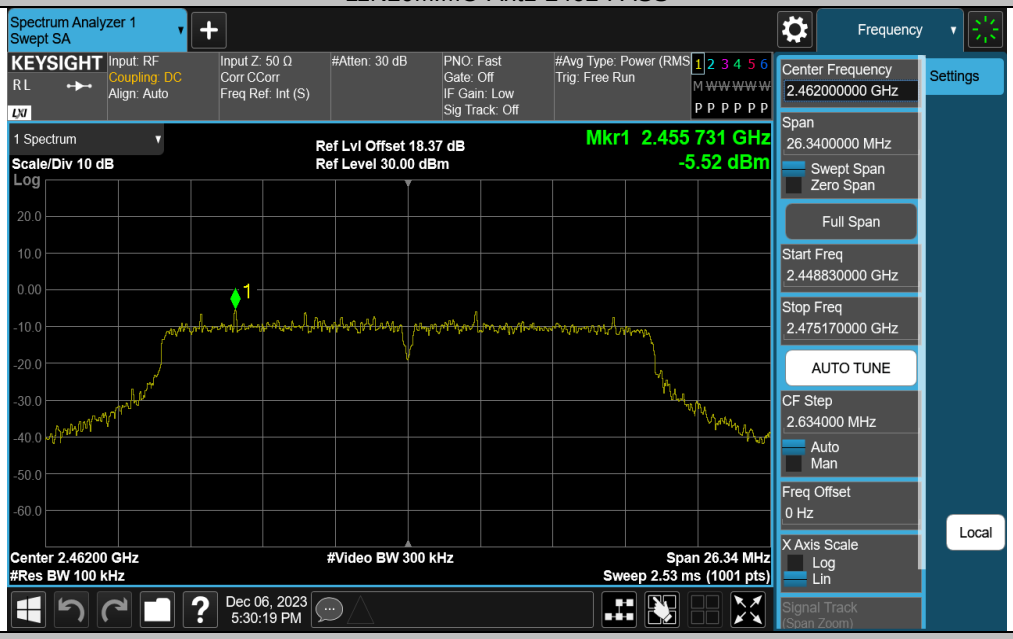

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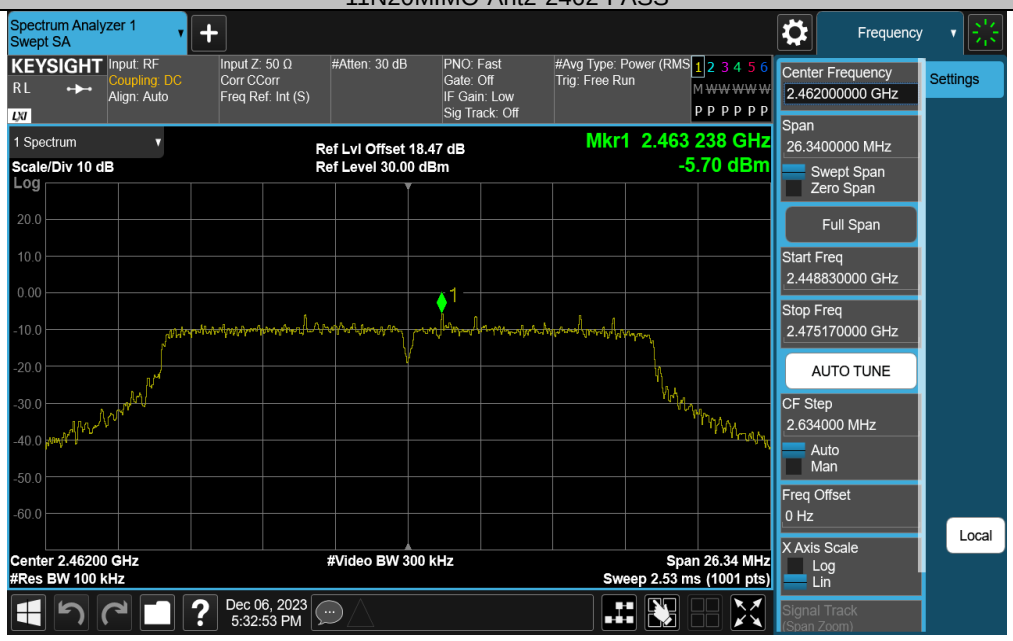
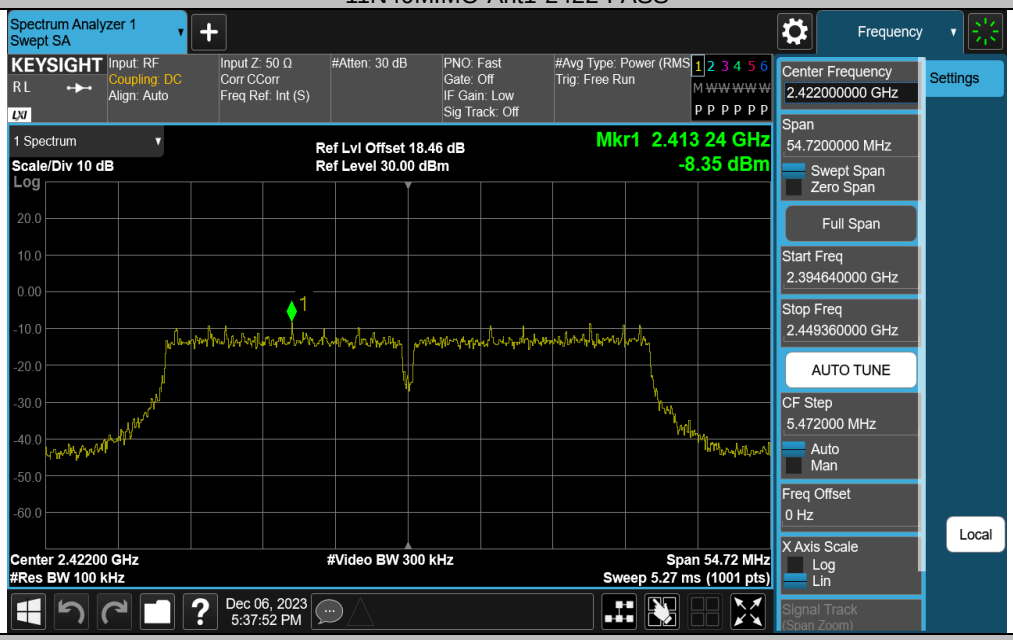
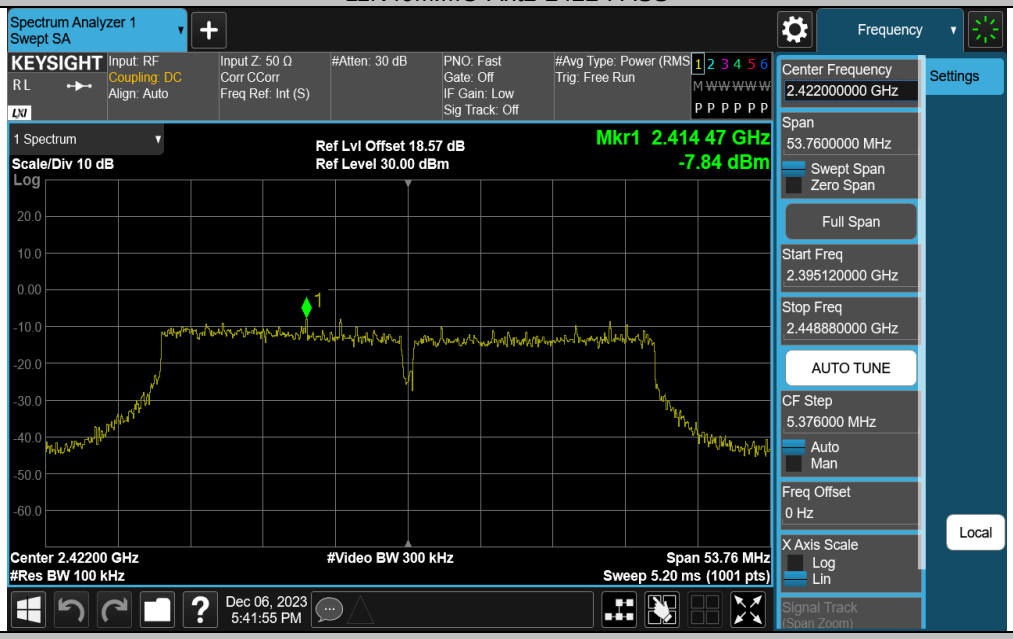


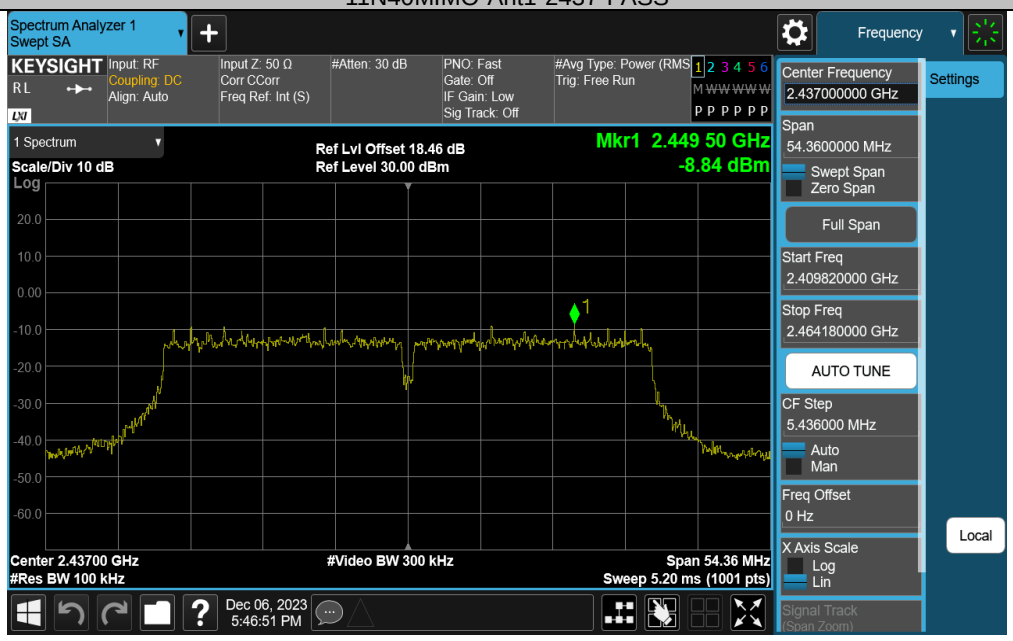
11N40MIMO-Ant1-2422-PASS



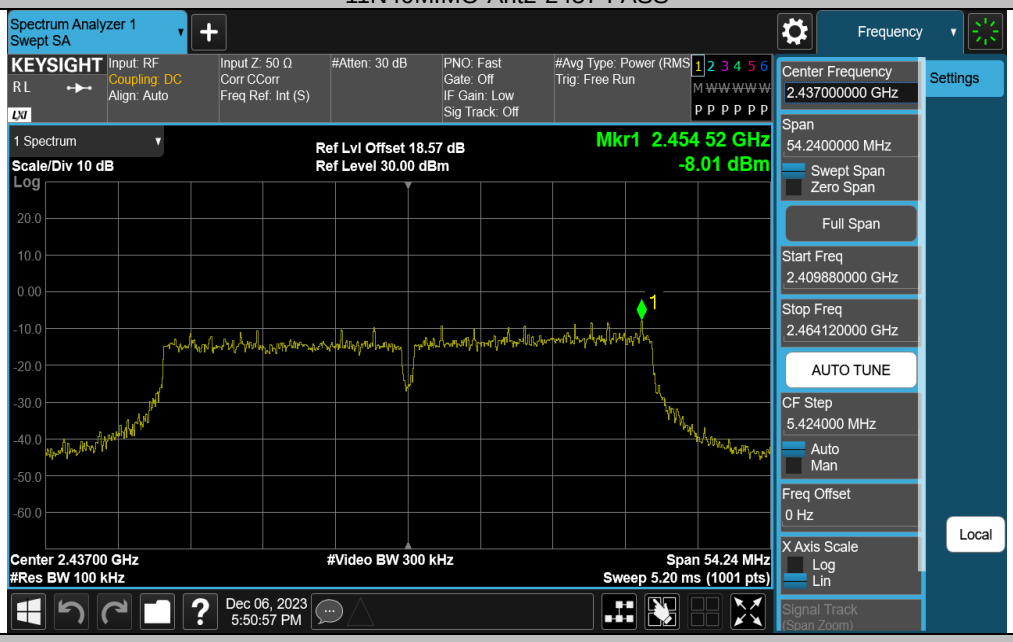
11N40MIMO-Ant2-2422-PASS



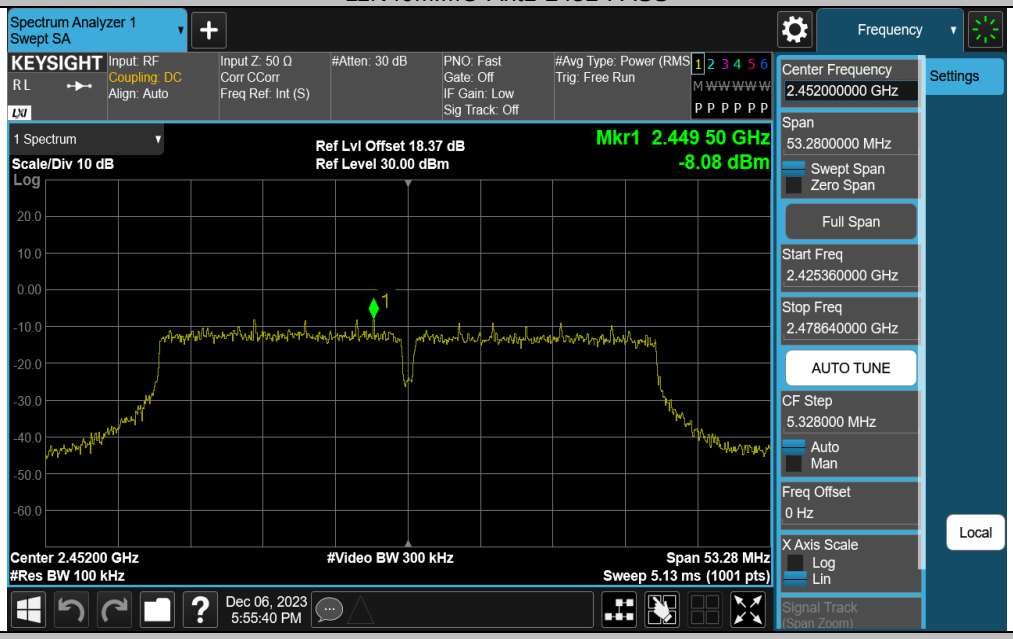
11N40MIMO-Ant1-2437-PASS



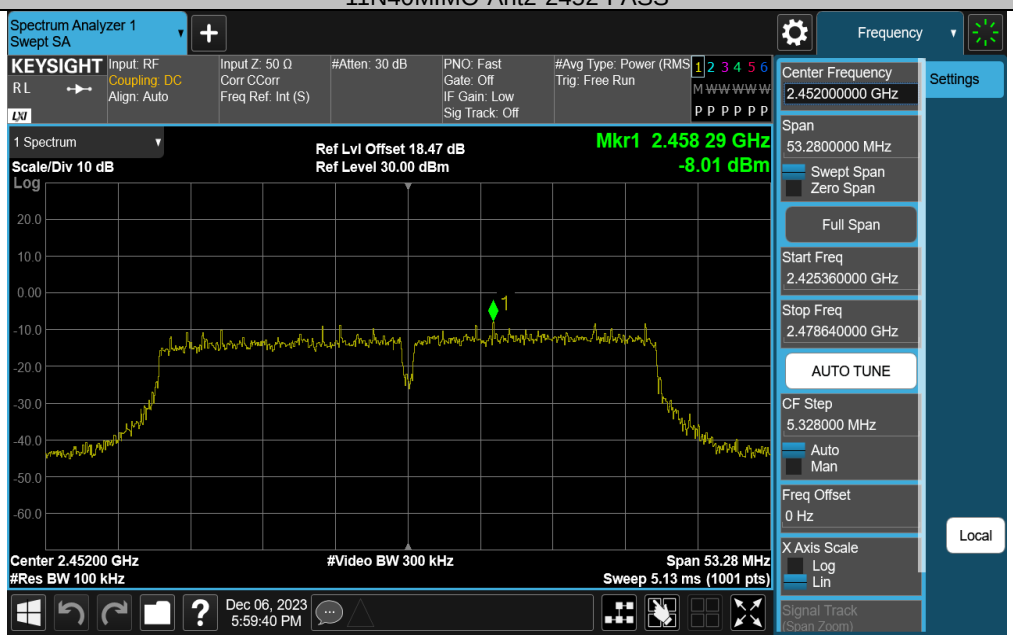
11N40MIMO-Ant2-2437-PASS



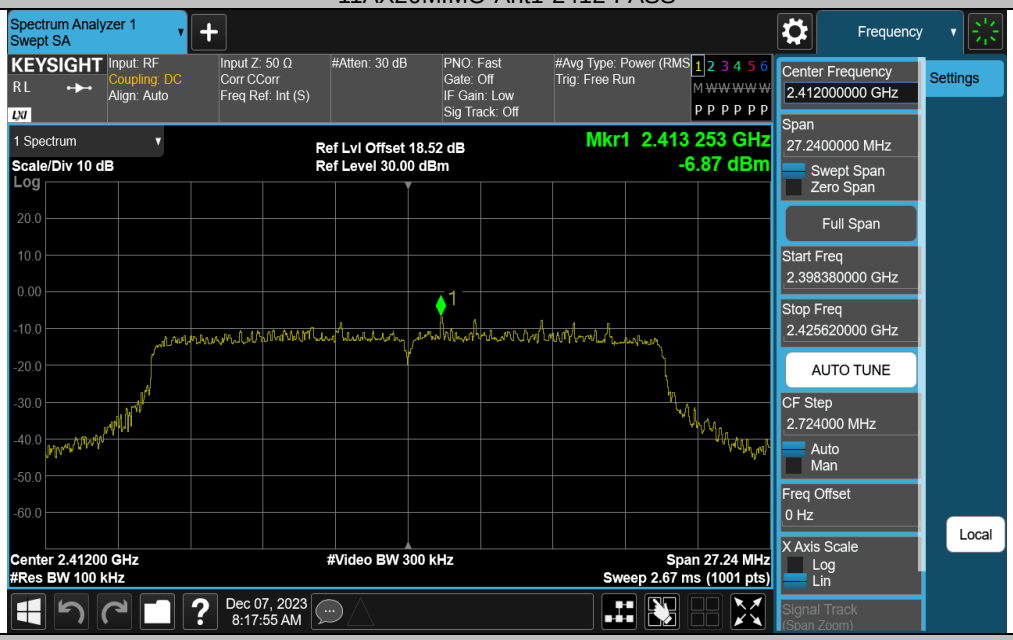
11N40MIMO-Ant1-2452-PASS



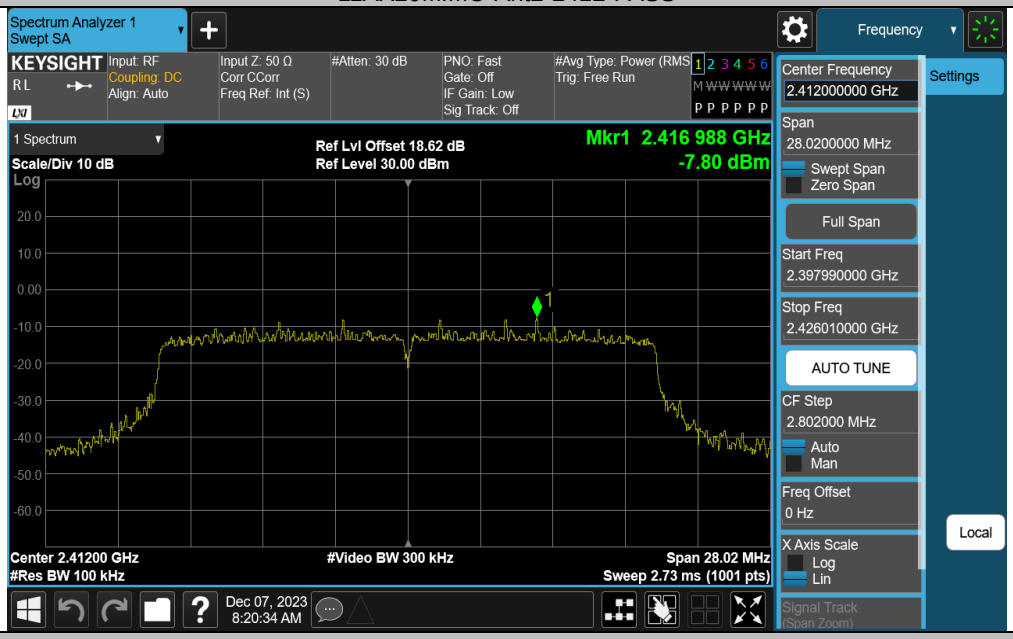
11N40MIMO-Ant2-2452-PASS



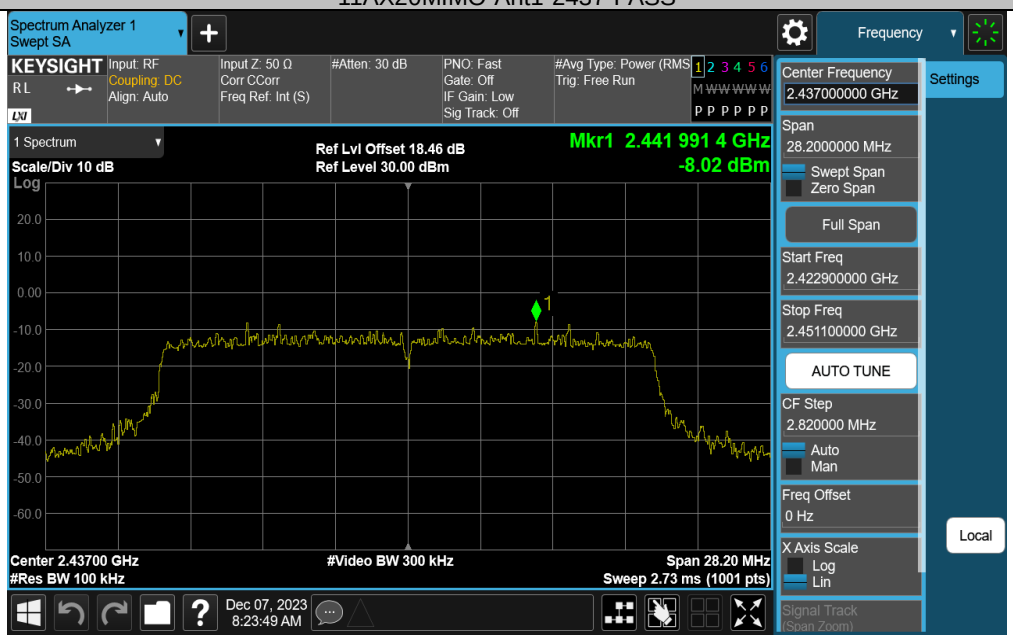
11AX20MIMO-Ant1-2412-PASS



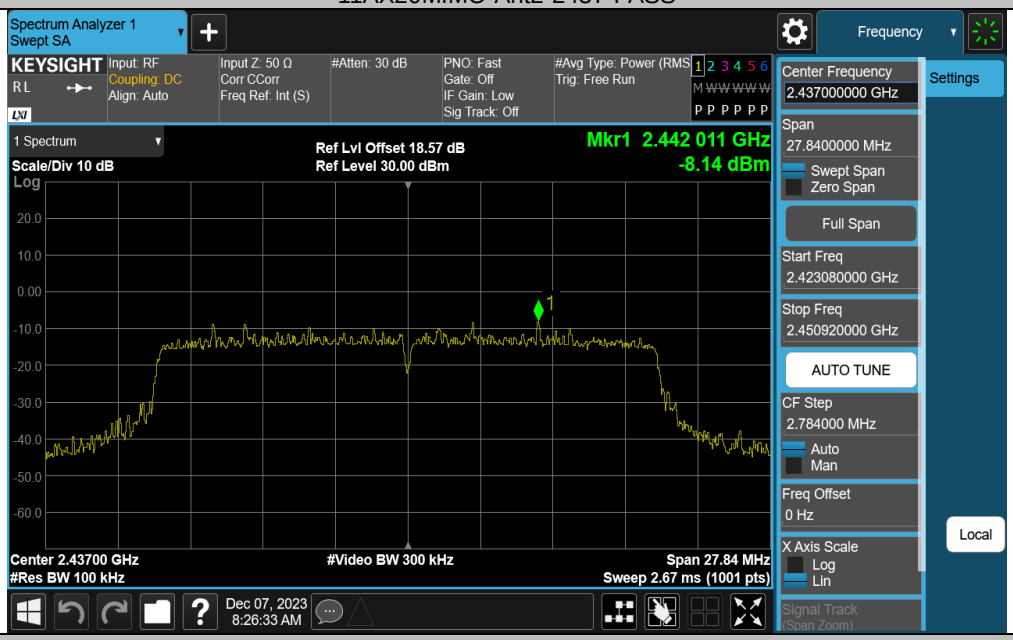
11AX20MIMO-Ant2-2412-PASS



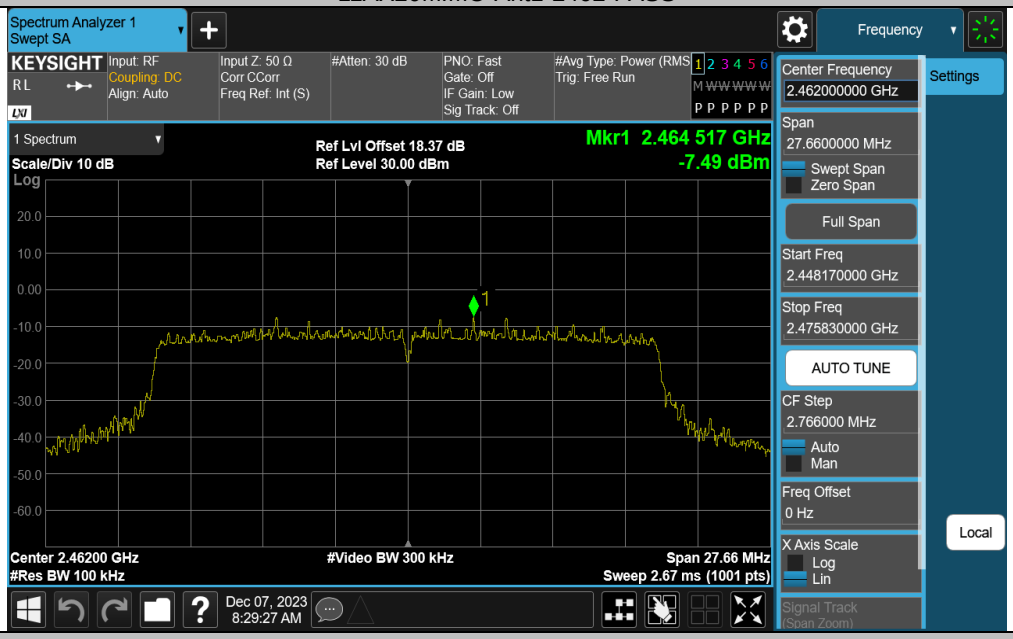
11AX20MIMO-Ant1-2437-PASS



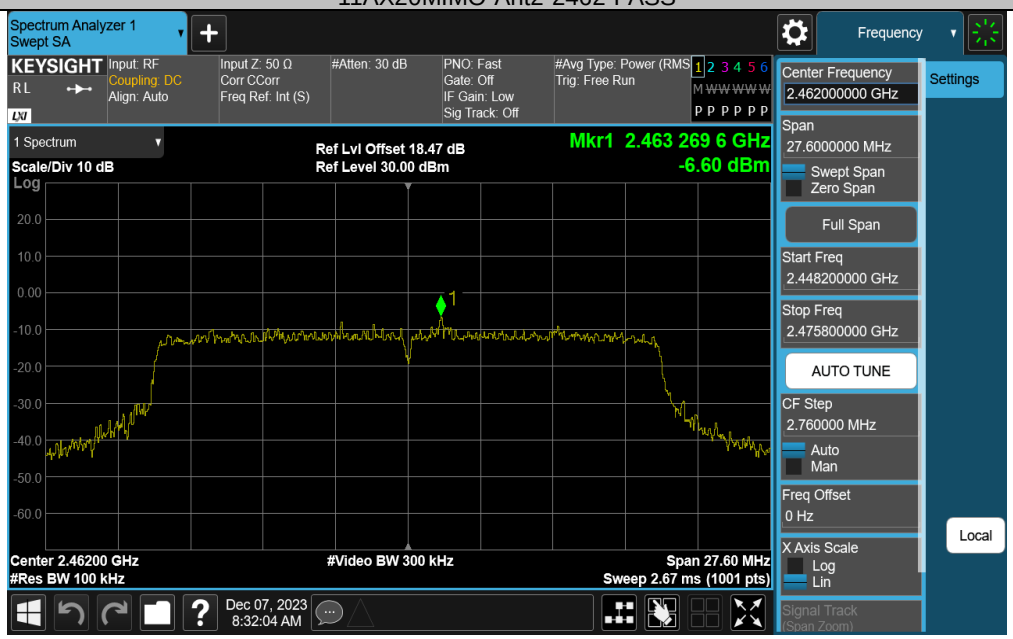
11AX20MIMO-Ant2-2437-PASS



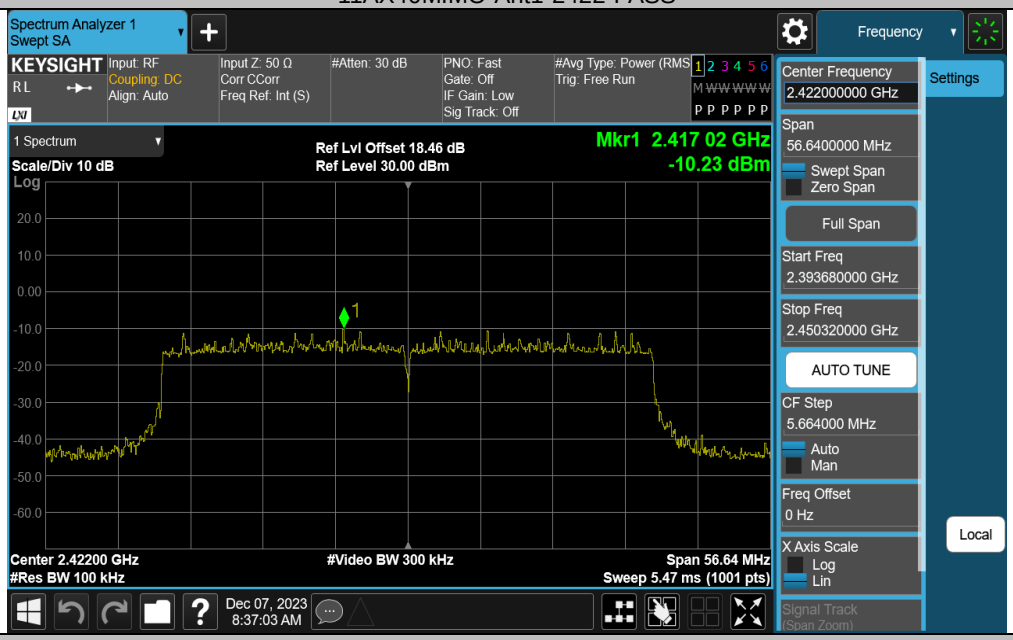
11AX20MIMO-Ant1-2462-PASS



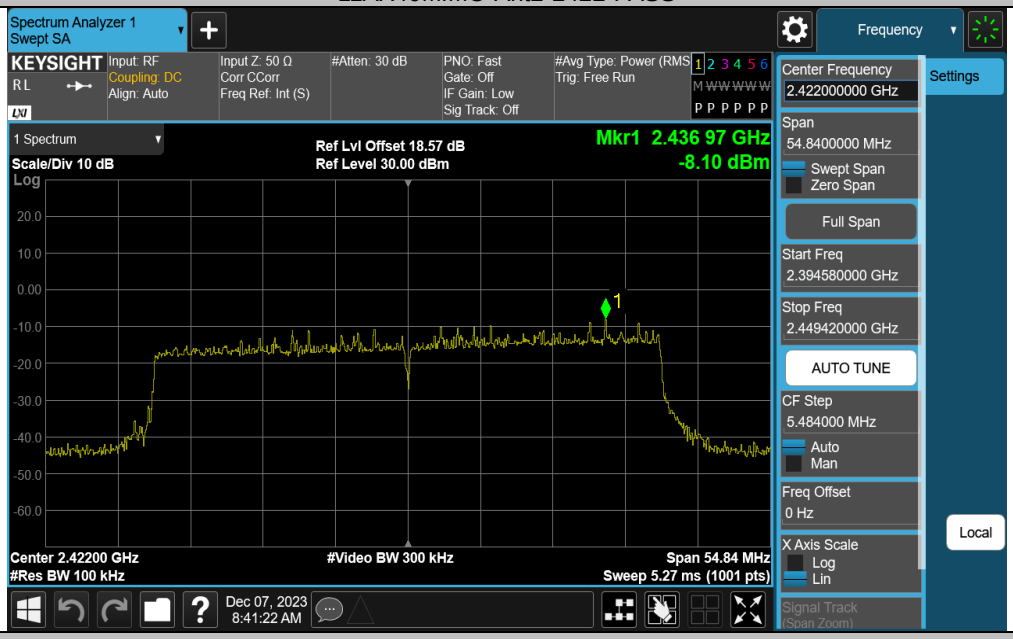
11AX20MIMO-Ant2-2462-PASS



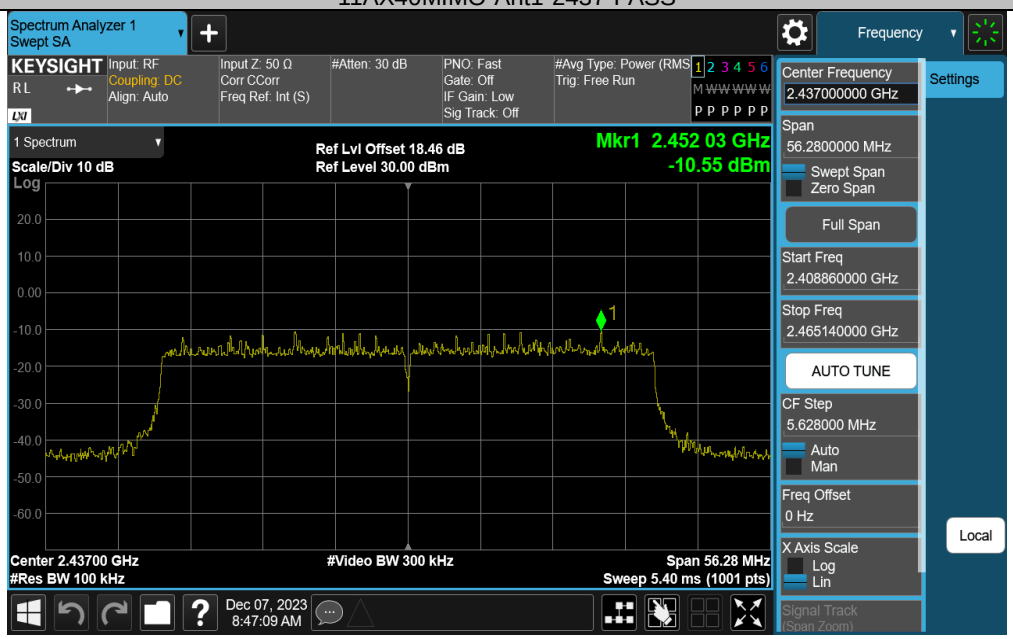
11AX40MIMO-Ant1-2422-PASS



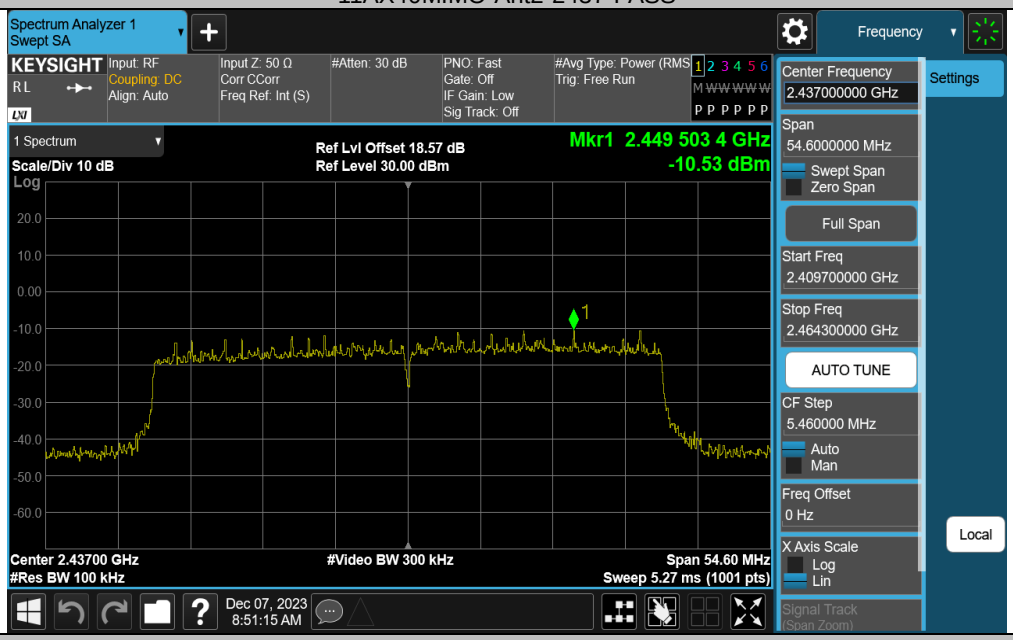
11AX40MIMO-Ant2-2422-PASS



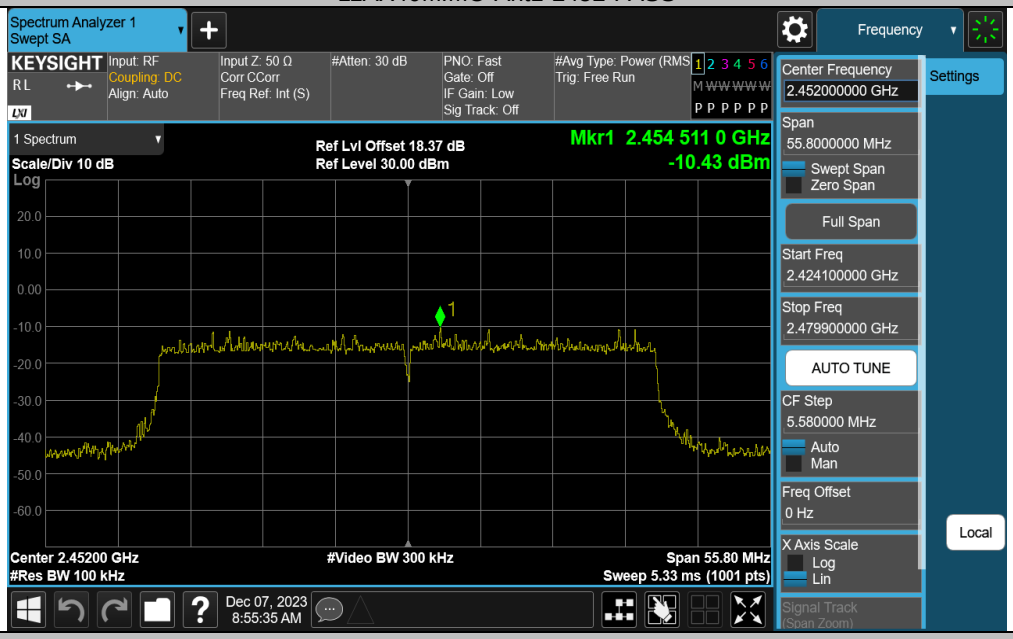
11AX40MIMO-Ant1-2437-PASS



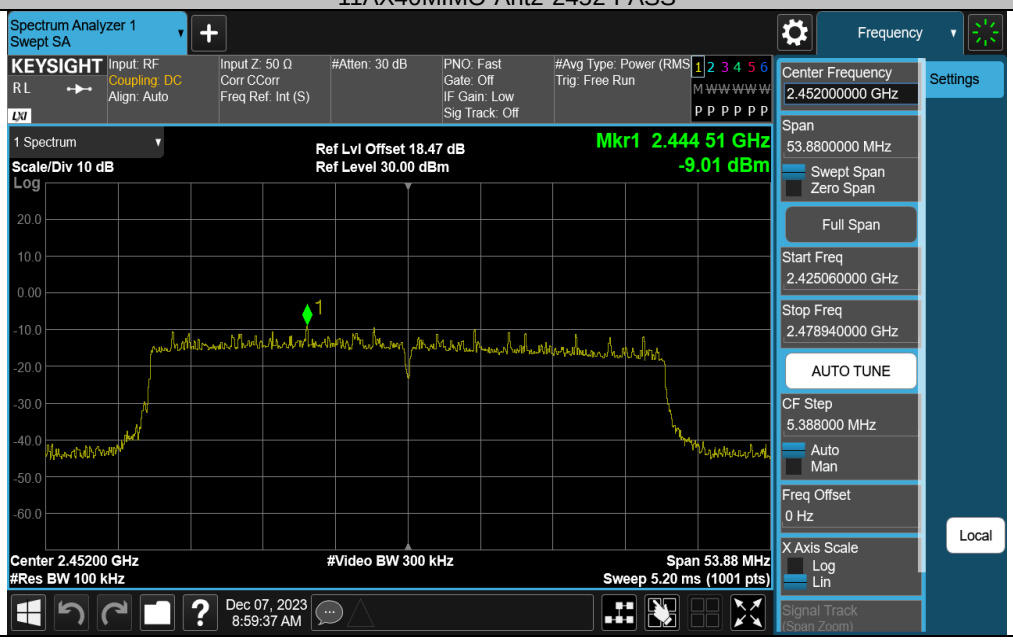
11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



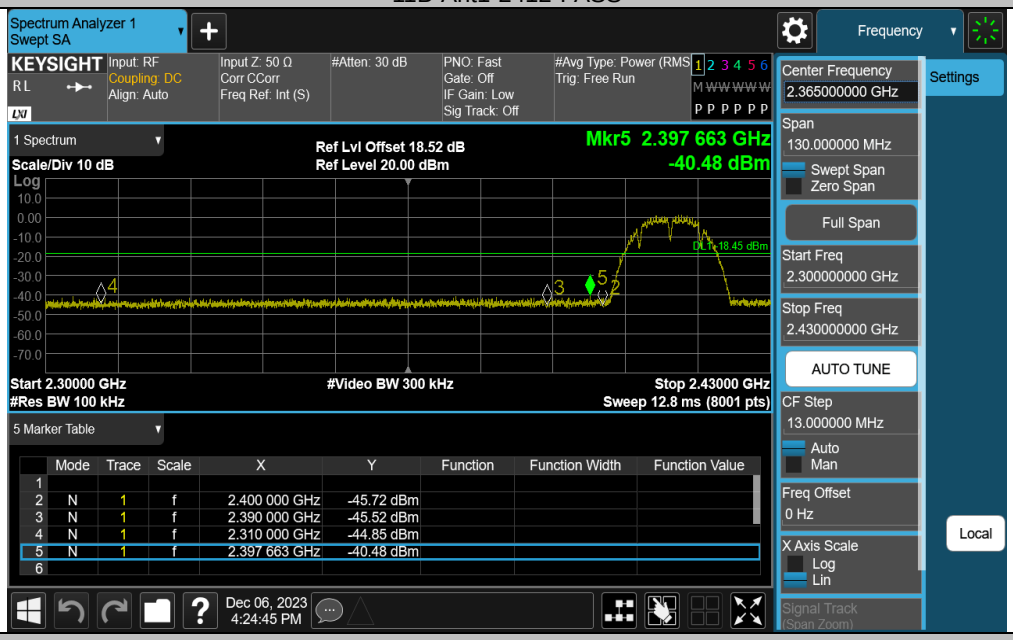
Appendix F: Band edge measurements

Test Result

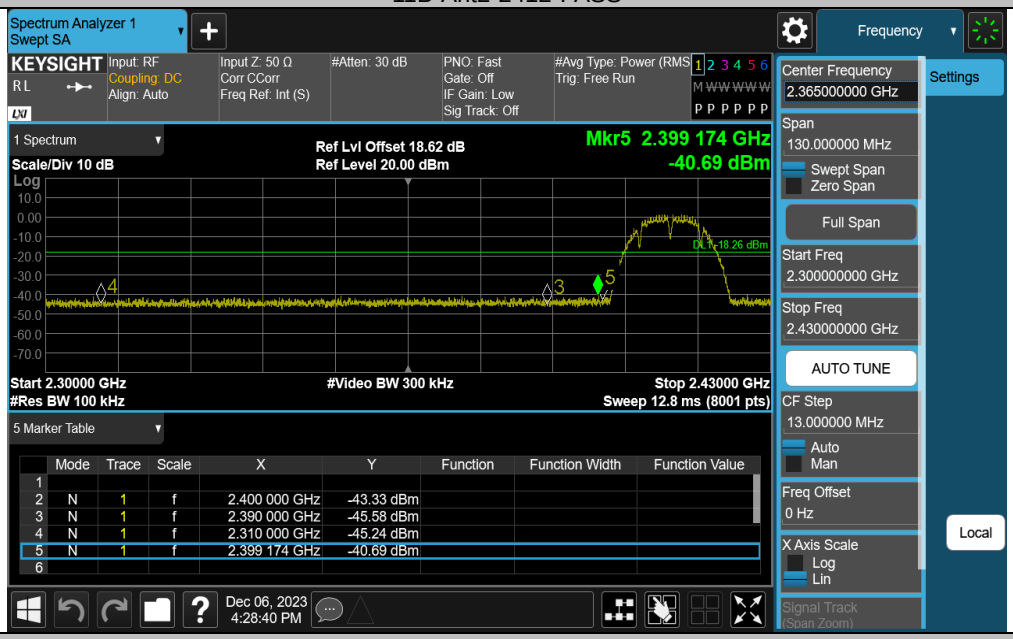
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.55	-40.48	≤-18.45	PASS
11B	Ant2	Low	2412	1.74	-40.69	≤-18.26	PASS
11B	Ant1	High	2462	2.50	-40.4	≤-17.5	PASS
11B	Ant2	High	2462	1.33	-40.47	≤-18.67	PASS
11G	Ant1	Low	2412	-4.00	-36.51	≤-24	PASS
11G	Ant2	Low	2412	-4.41	-37.39	≤-24.41	PASS
11G	Ant1	High	2462	-3.75	-40.43	≤-23.75	PASS
11G	Ant2	High	2462	-4.07	-40.95	≤-24.07	PASS
11N20MIMO	Ant1	Low	2412	-6.47	-36.98	≤-26.47	PASS
11N20MIMO	Ant2	Low	2412	-6.25	-37.19	≤-26.25	PASS
11N20MIMO	Ant1	High	2462	-5.52	-39.94	≤-25.52	PASS
11N20MIMO	Ant2	High	2462	-5.70	-40.41	≤-25.7	PASS
11N40MIMO	Ant1	Low	2422	-8.36	-38.33	≤-28.36	PASS
11N40MIMO	Ant2	Low	2422	-7.84	-34.59	≤-27.84	PASS
11N40MIMO	Ant1	High	2452	-8.08	-40.75	≤-28.08	PASS
11N40MIMO	Ant2	High	2452	-8.01	-39.91	≤-28.01	PASS
11AX20MIMO	Ant1	Low	2412	-6.87	-37.59	≤-26.87	PASS
11AX20MIMO	Ant2	Low	2412	-7.80	-38.01	≤-27.8	PASS
11AX20MIMO	Ant1	High	2462	-7.49	-40.45	≤-27.49	PASS
11AX20MIMO	Ant2	High	2462	-6.60	-39.94	≤-26.6	PASS
11AX40MIMO	Ant1	Low	2422	-10.24	-38.77	≤-30.24	PASS
11AX40MIMO	Ant2	Low	2422	-8.10	-41.04	≤-28.1	PASS
11AX40MIMO	Ant1	High	2452	-10.43	-40.3	≤-30.43	PASS
11AX40MIMO	Ant2	High	2452	-9.02	-40.3	≤-29.02	PASS

Test Graphs

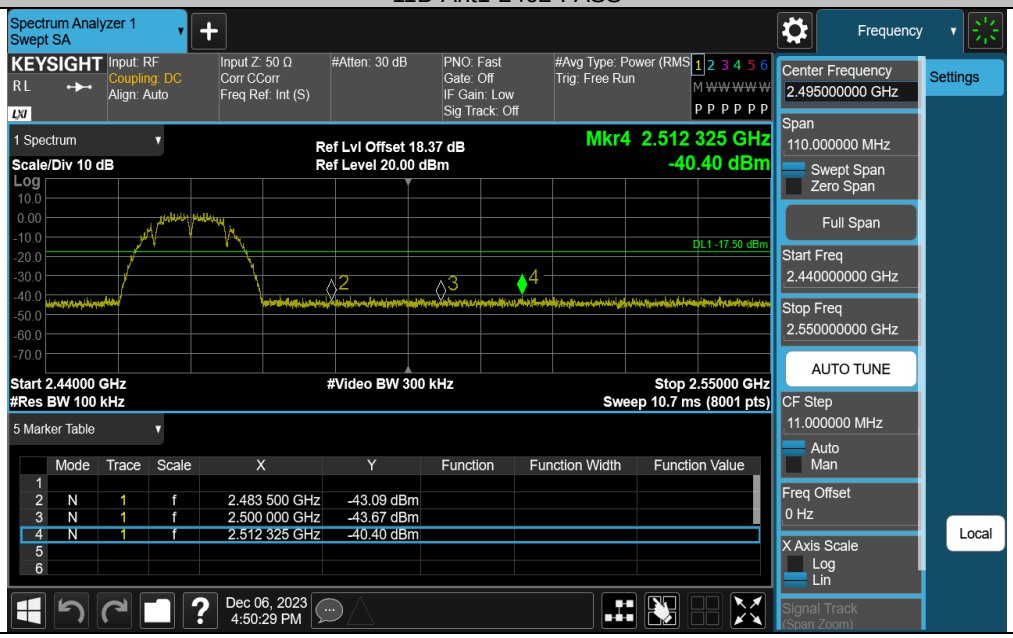
11B-Ant1-2412-PASS



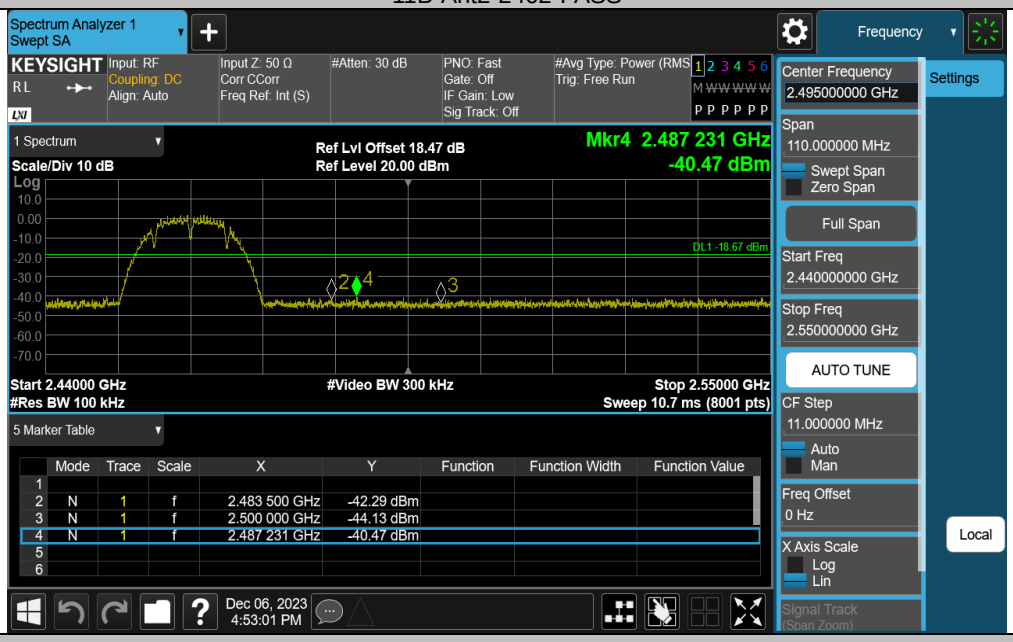
11B-Ant2-2412-PASS



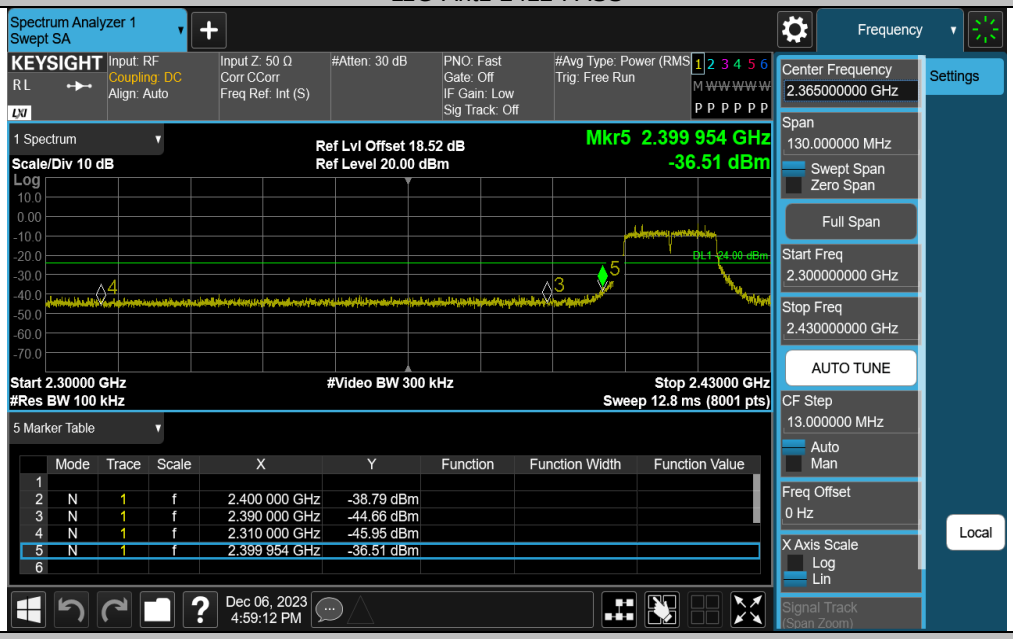
11B-Ant1-2462-PASS



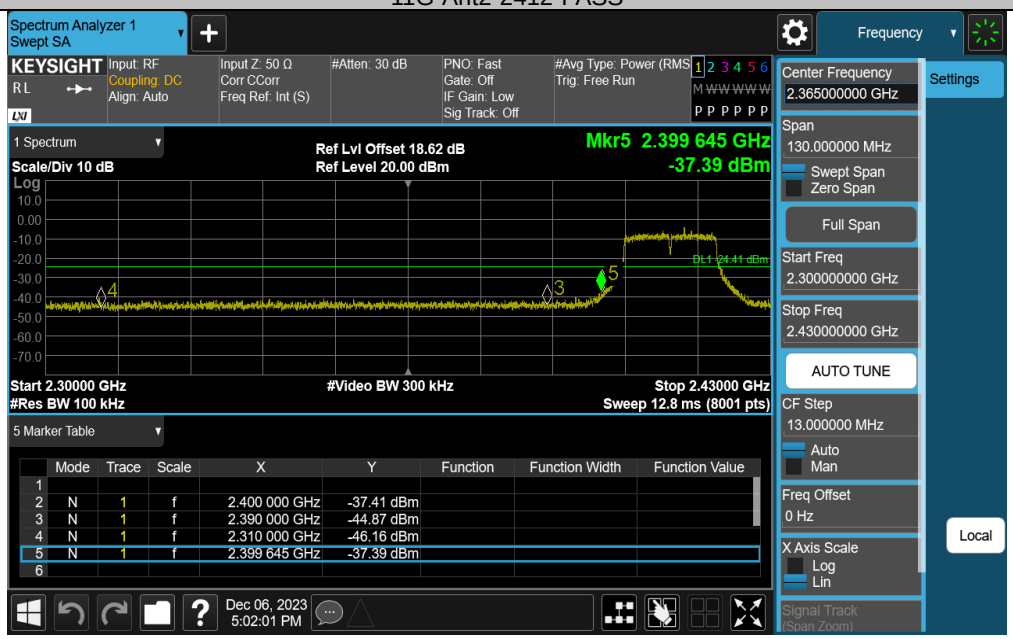
11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



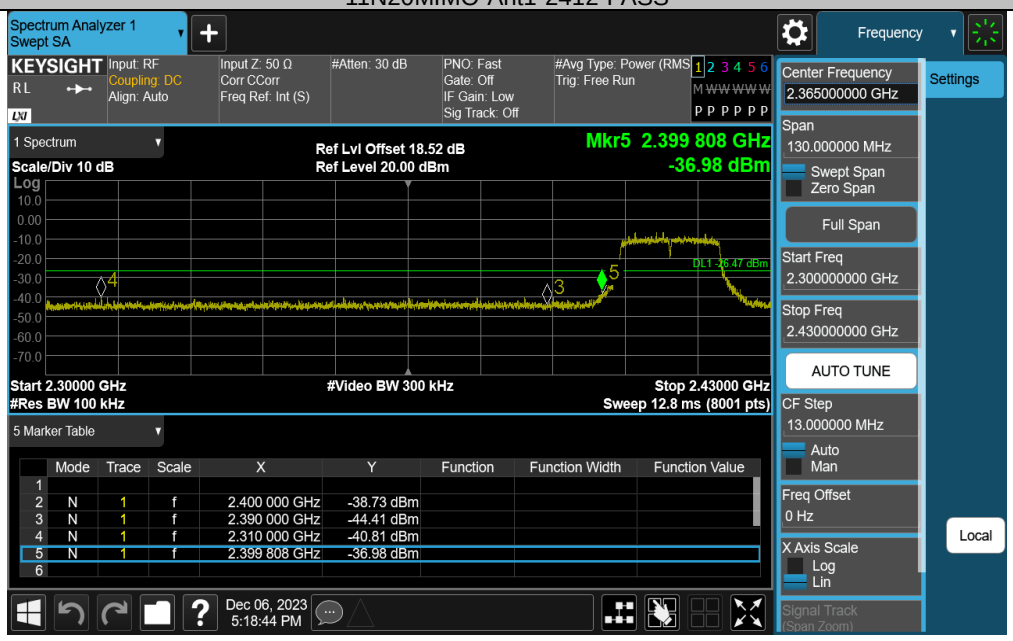
11G-Ant2-2412-PASS



11G-Ant1-2462-PASS

11G-Ant2-2462-PASS

11N20MIMO-Ant1-2412-PASS



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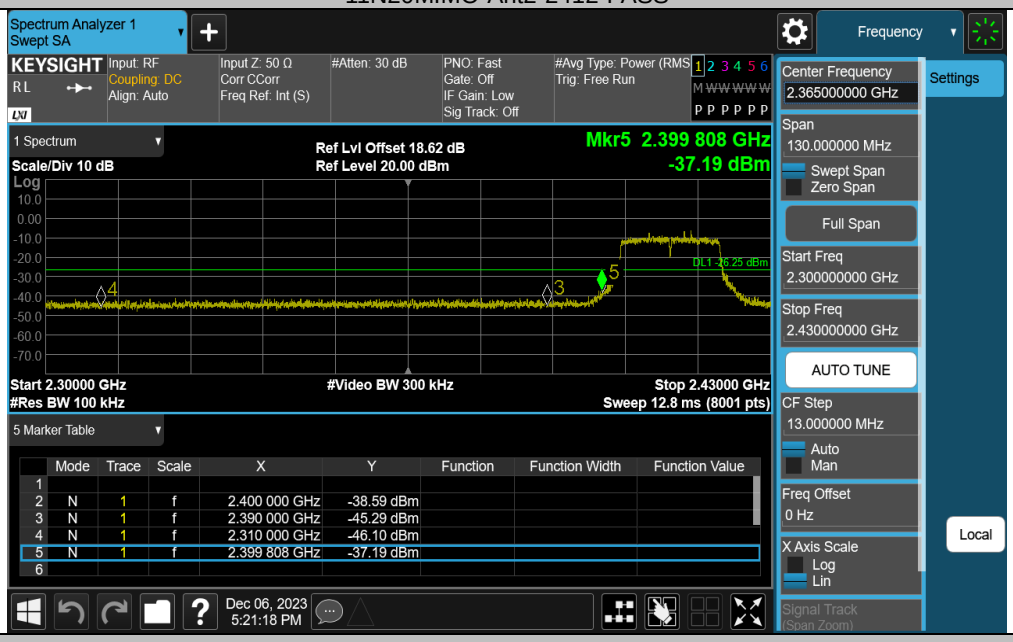

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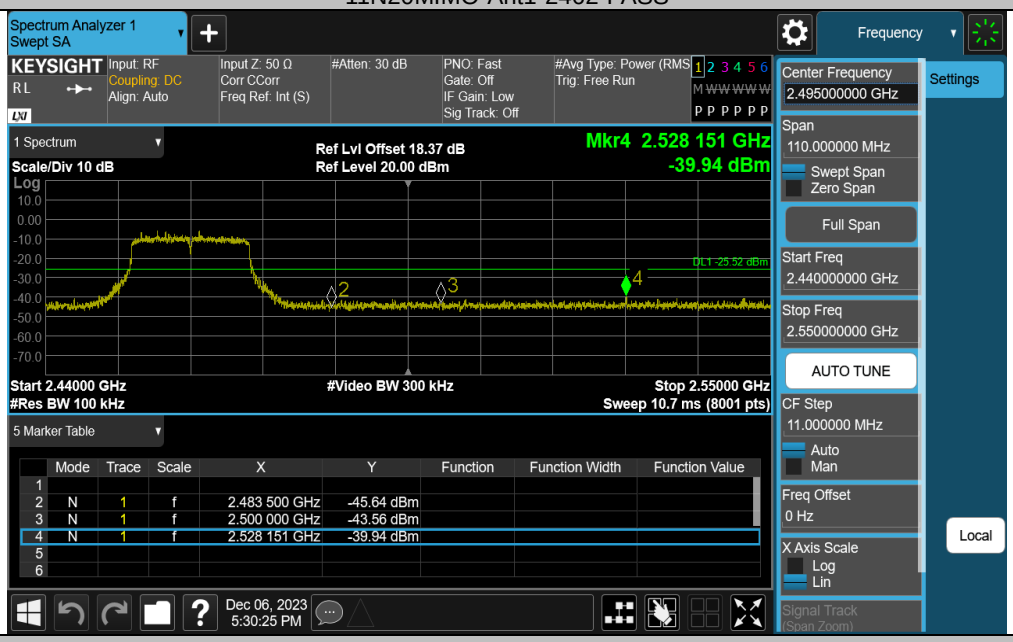

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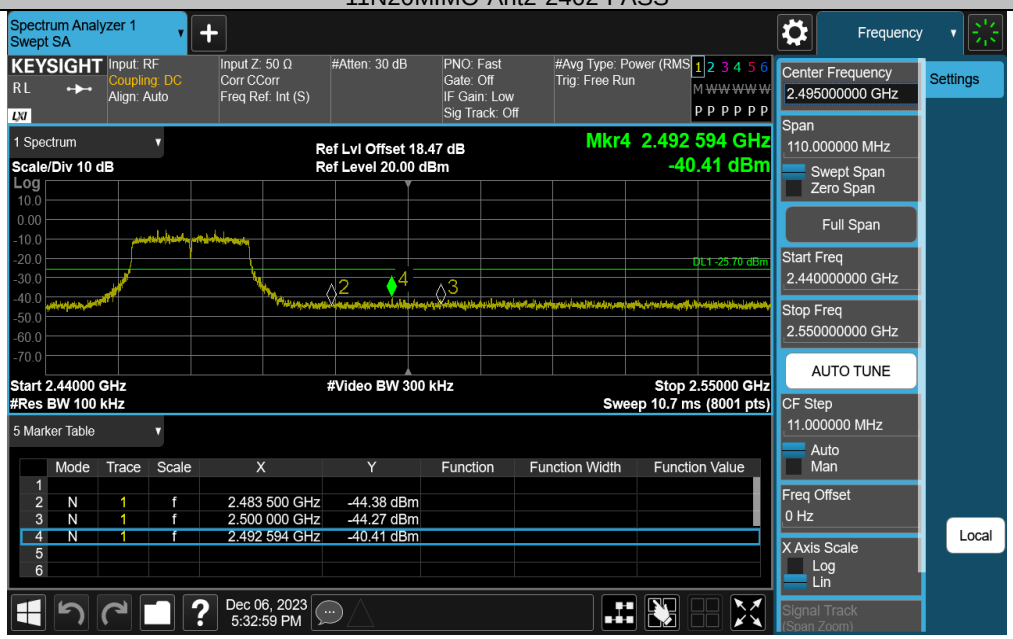

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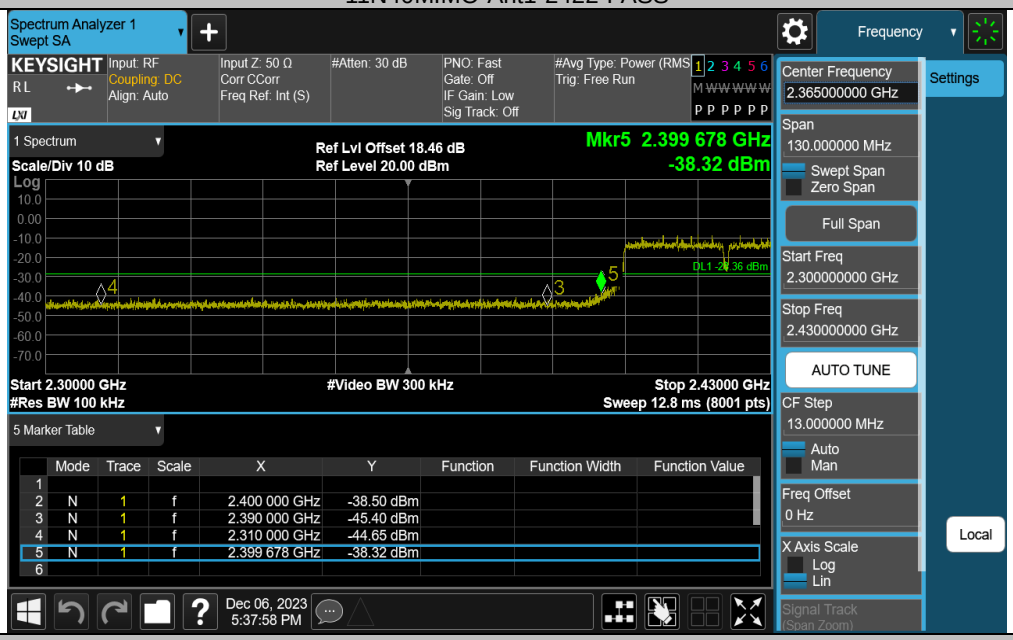

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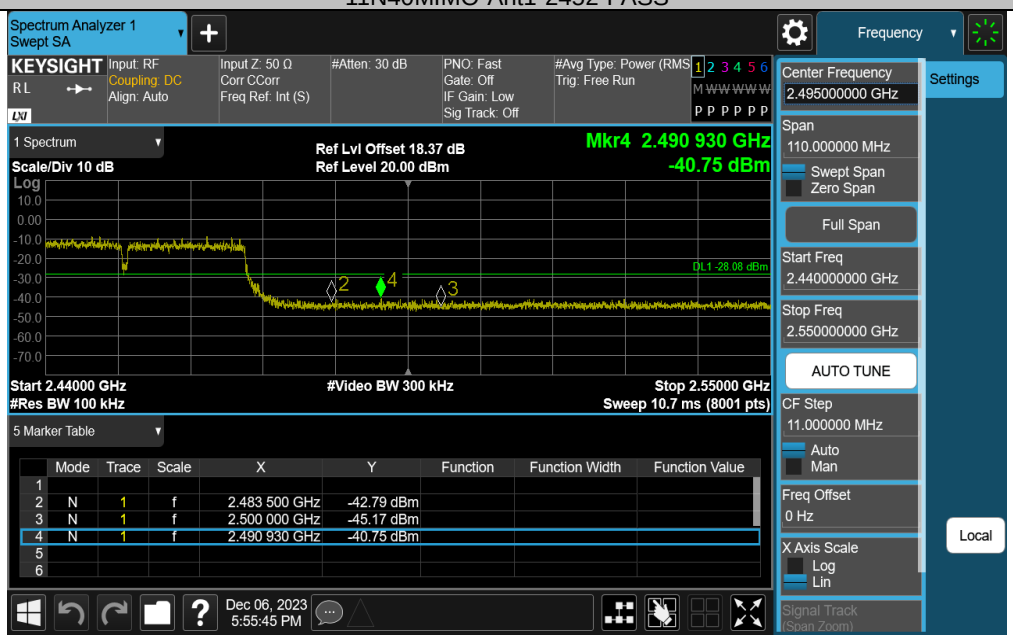
11N40MIMO-Ant1-2452-PASS



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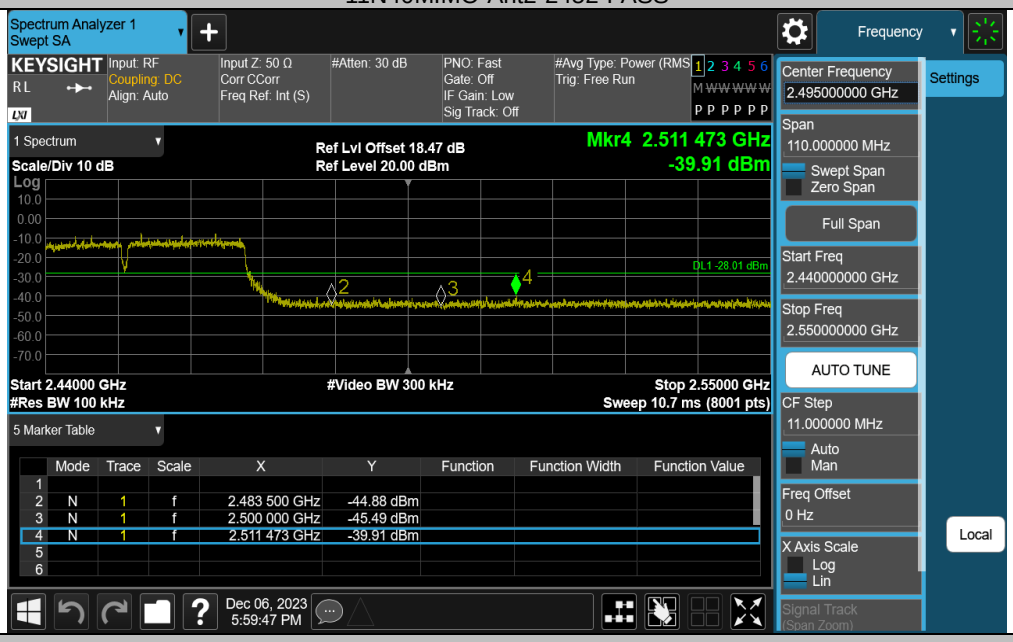

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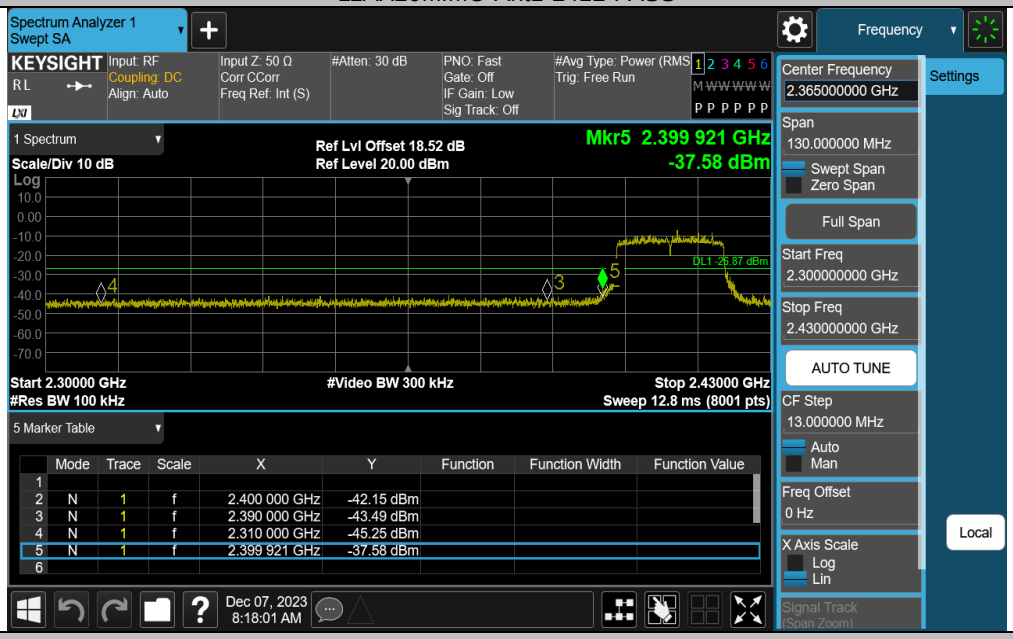

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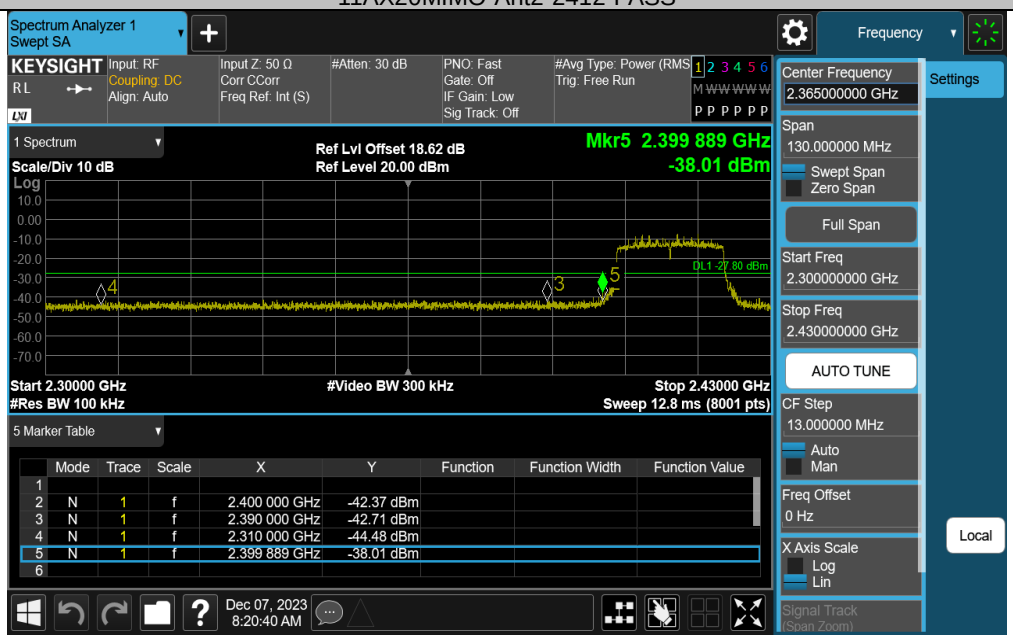

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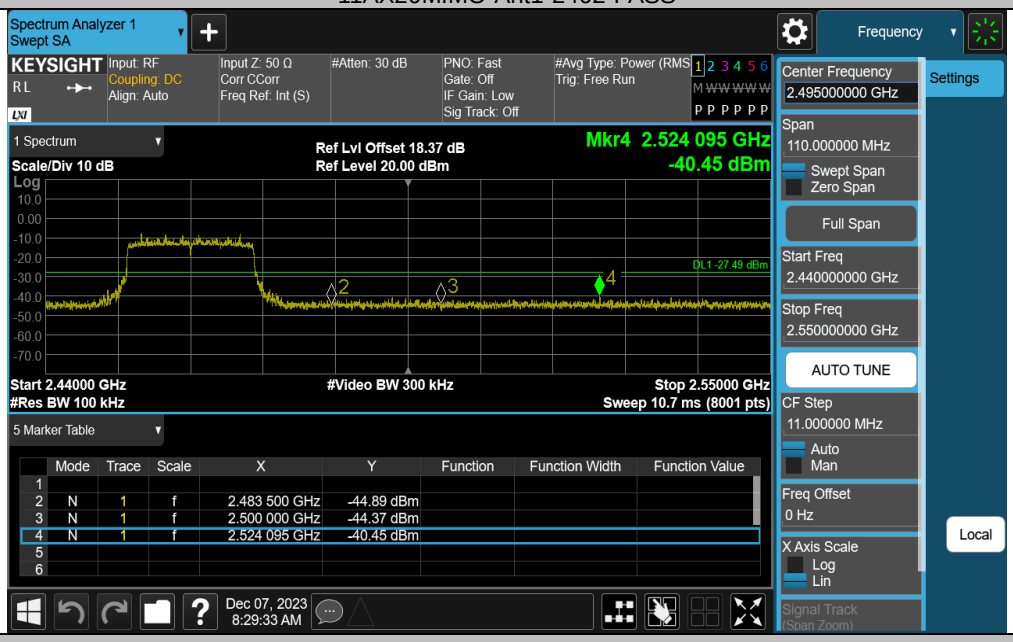

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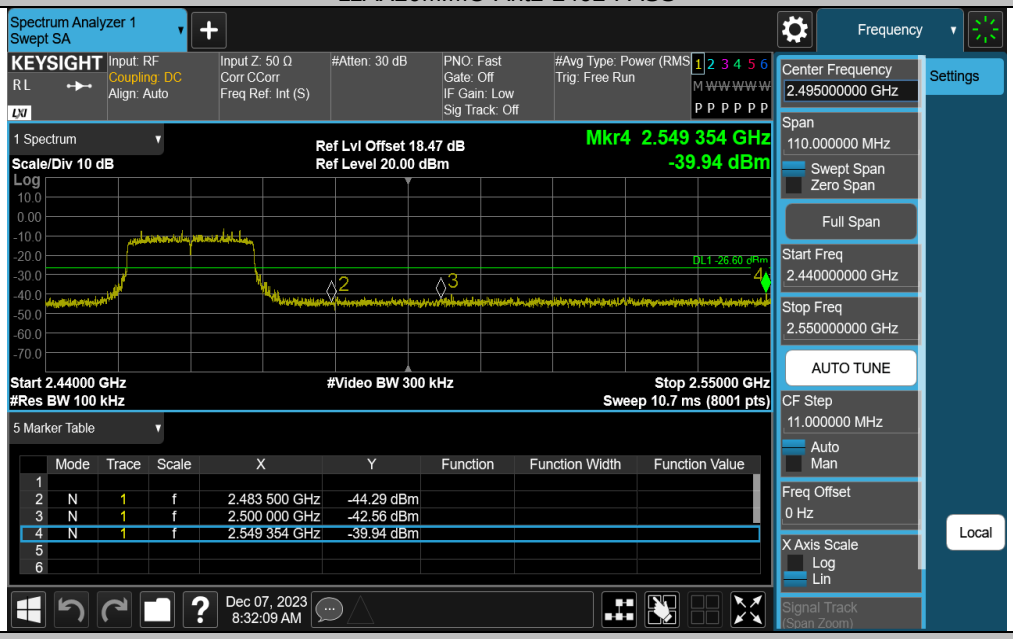

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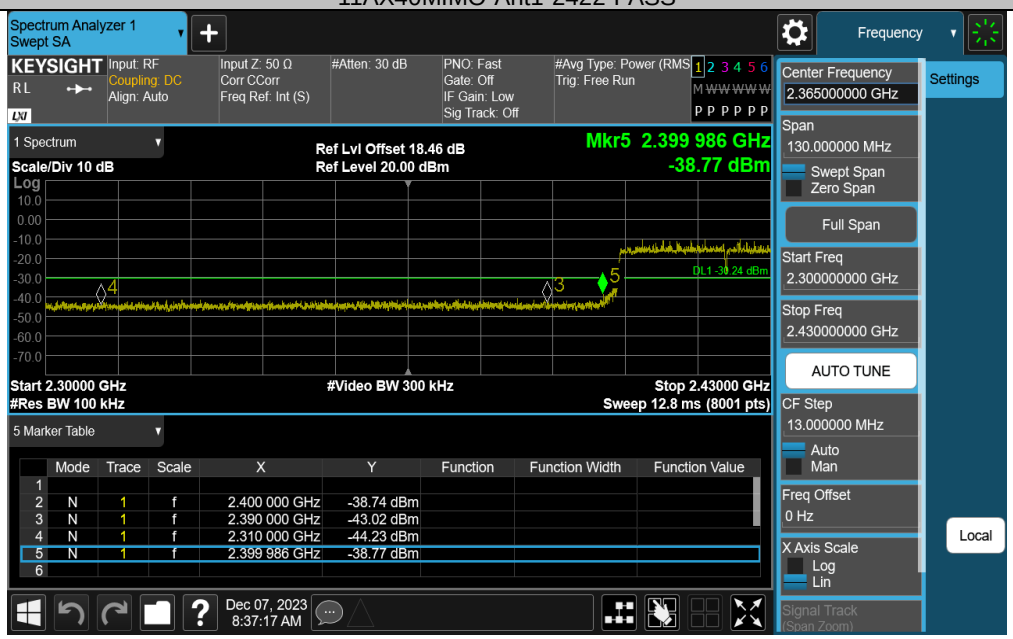

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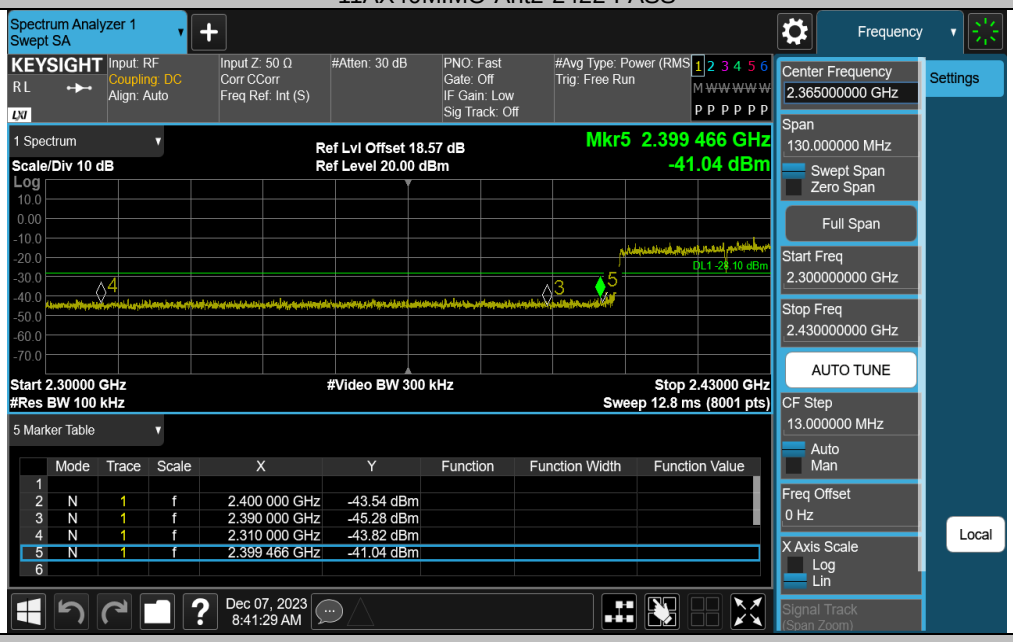

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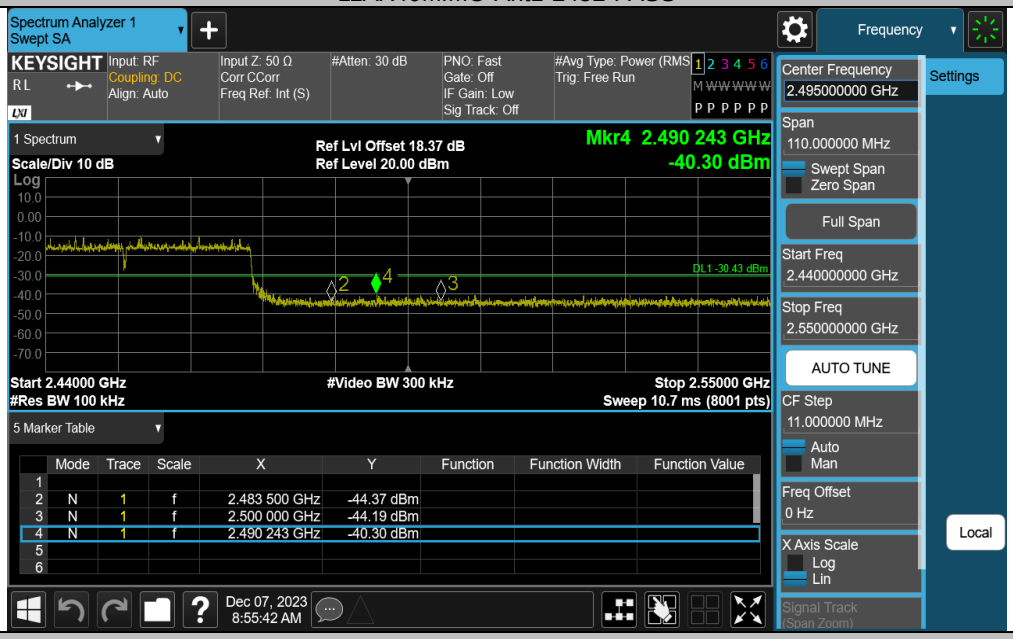
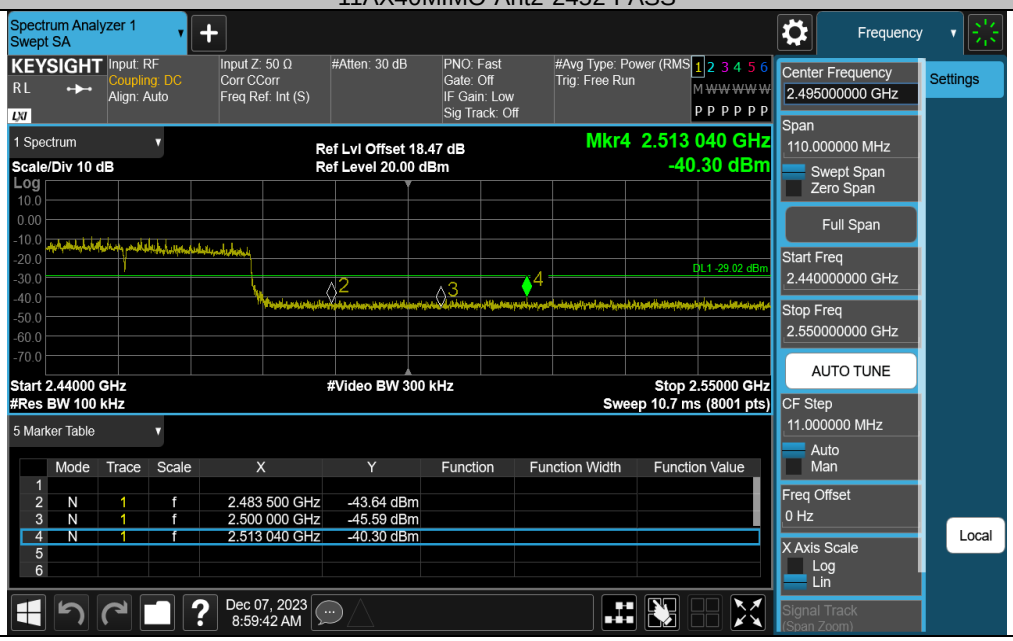
11AX40MIMO-Ant2-2452-PASS