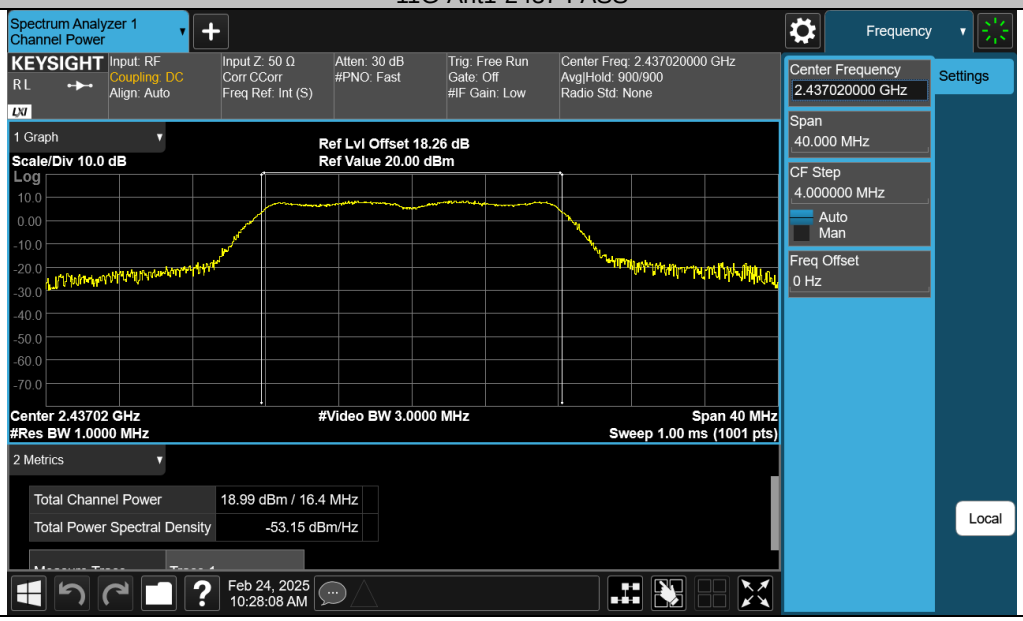
11G-Ant1-2412-PASS

11G-Ant2-2412-PASS

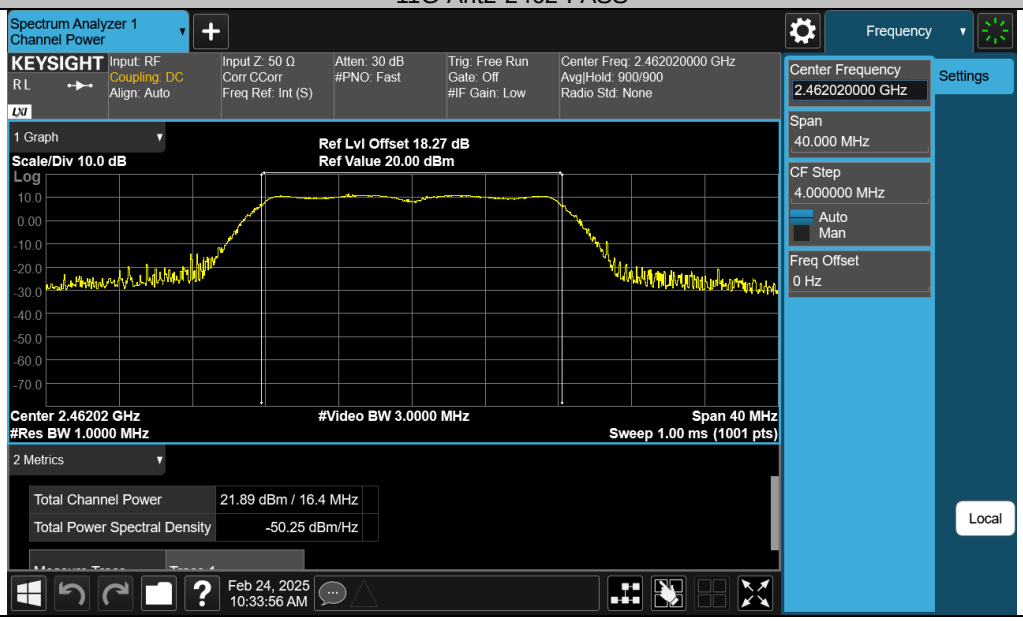
11G-Ant1-2437-PASS



11G-Ant2-2437-PASS

11G-Ant1-2462-PASS

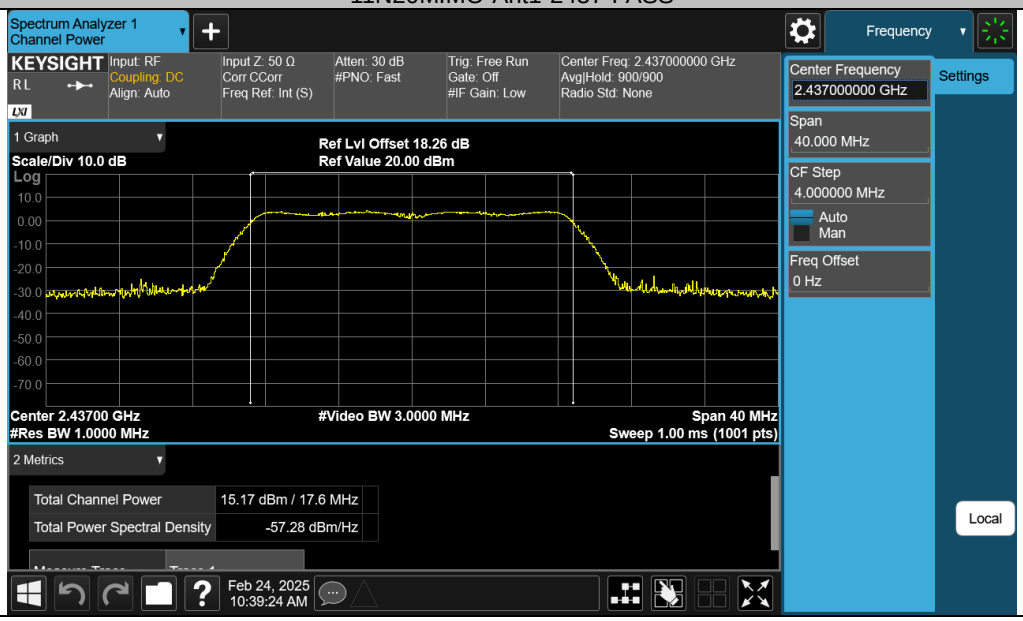
11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS

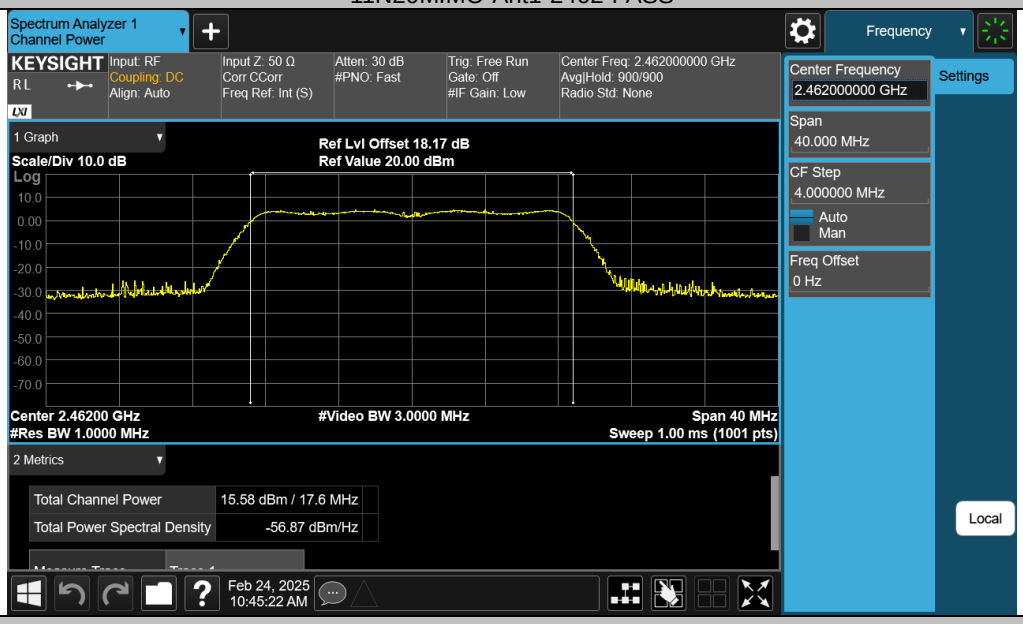
11N20MIMO-Ant2-2412-PASS

11N20MIMO-Ant1-2437-PASS

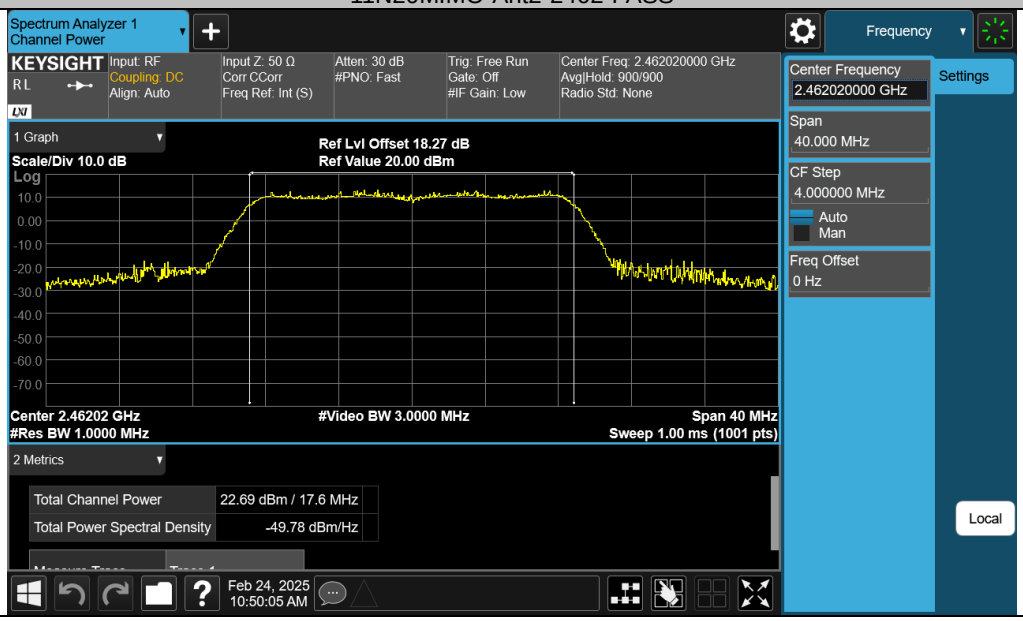


11N20MIMO-Ant2-2437-PASS

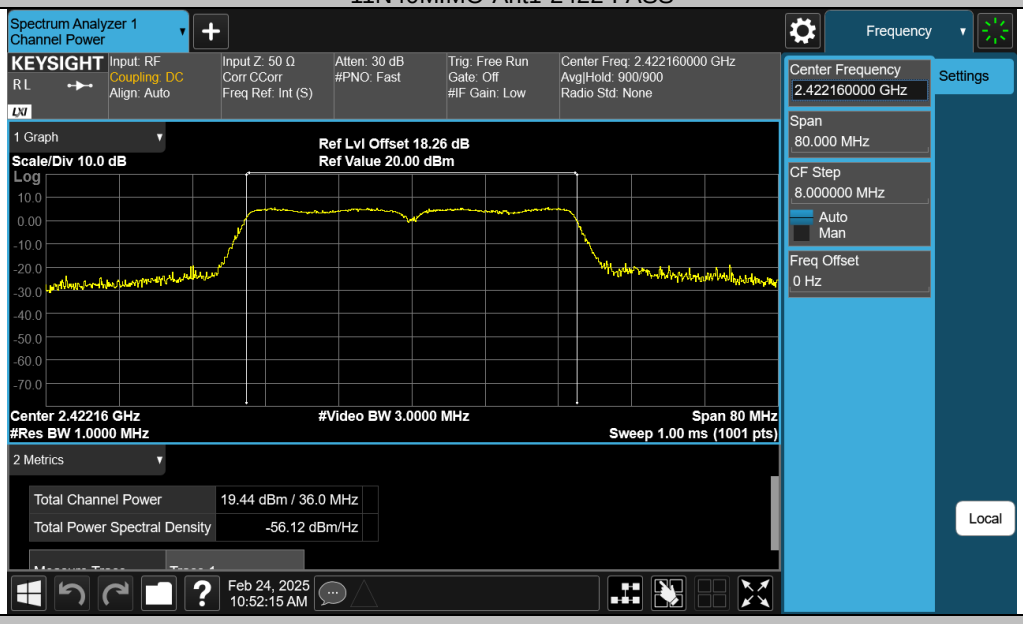
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS

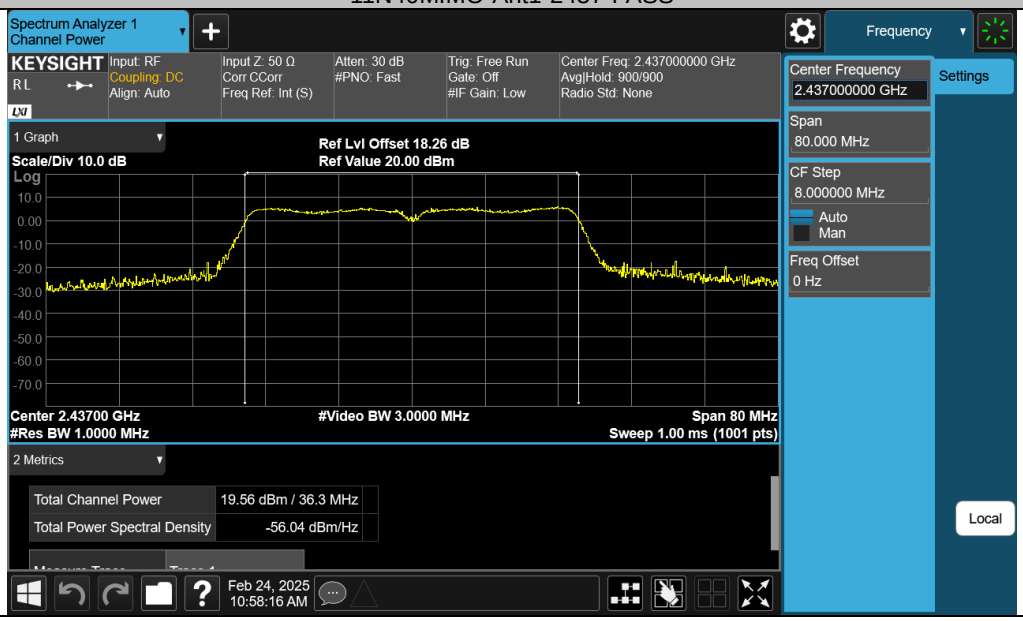


11N40MIMO-Ant1-2422-PASS



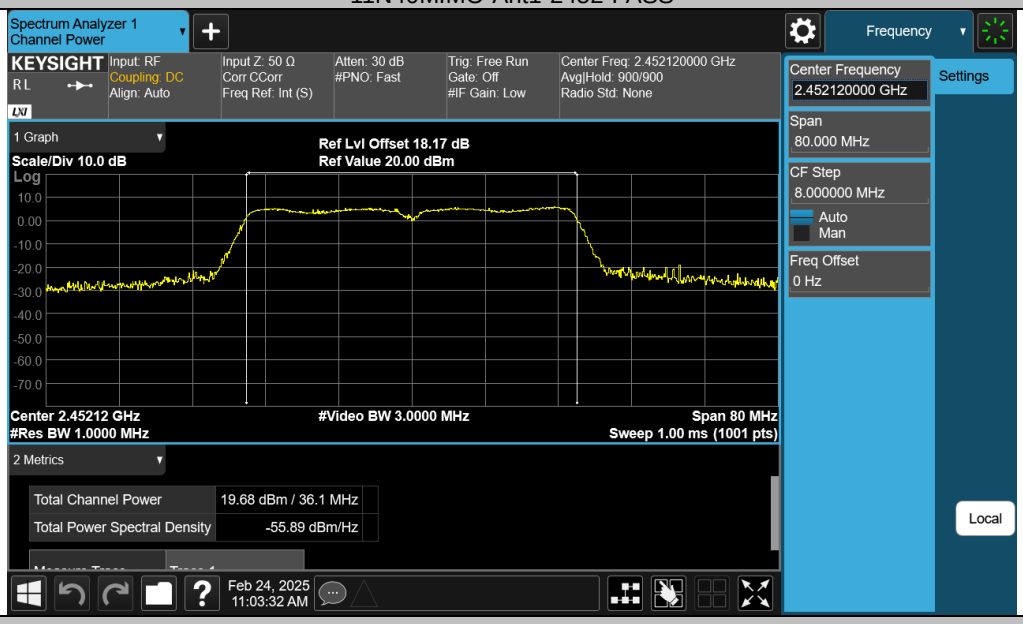
11N40MIMO-Ant2-2422-PASS

11N40MIMO-Ant1-2437-PASS

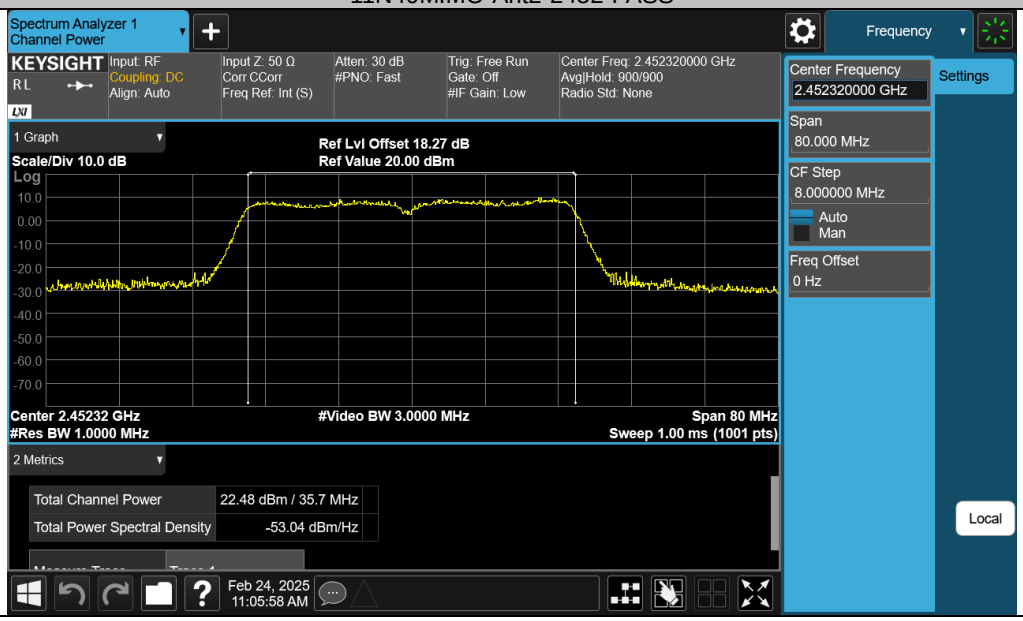


11N40MIMO-Ant2-2437-PASS

11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



Appendix D: Maximum power spectral density

Test Result

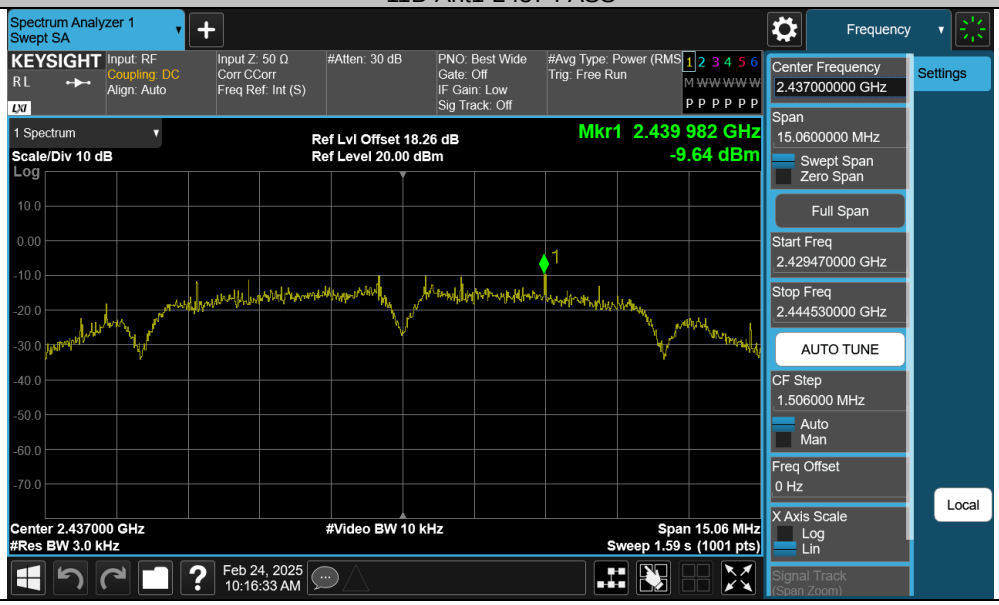
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.51	≤8.00	PASS
11B	Ant2	2412	-6.97	≤8.00	PASS
11B	Ant1	2437	-9.64	≤8.00	PASS
11B	Ant2	2437	-4.56	≤8.00	PASS
11B	Ant1	2462	-8.33	≤8.00	PASS
11B	Ant2	2462	-4.48	≤8.00	PASS
11G	Ant1	2412	-14.76	≤8.00	PASS
11G	Ant2	2412	-12.27	≤8.00	PASS
11G	Ant1	2437	-14.96	≤8.00	PASS
11G	Ant2	2437	-10.99	≤8.00	PASS
11G	Ant1	2462	-14.38	≤8.00	PASS
11G	Ant2	2462	-11.57	≤8.00	PASS
11N20MIMO	Ant1	2412	-17.97	≤8.00	PASS
11N20MIMO	Ant2	2412	-10.83	≤8.00	PASS
11N20MIMO	total	2412	-10.06	≤8.00	PASS
11N20MIMO	Ant1	2437	-17.51	≤8.00	PASS
11N20MIMO	Ant2	2437	-10.96	≤8.00	PASS
11N20MIMO	total	2437	-10.09	≤8.00	PASS
11N20MIMO	Ant1	2462	-17.88	≤8.00	PASS
11N20MIMO	Ant2	2462	-11.37	≤8.00	PASS
11N20MIMO	total	2462	-10.49	≤8.00	PASS
11N40MIMO	Ant1	2422	-16.64	≤8.00	PASS
11N40MIMO	Ant2	2422	-14.06	≤8.00	PASS
11N40MIMO	total	2422	-12.15	≤8.00	PASS
11N40MIMO	Ant1	2437	-16.59	≤8.00	PASS
11N40MIMO	Ant2	2437	-13.70	≤8.00	PASS
11N40MIMO	total	2437	-11.90	≤8.00	PASS
11N40MIMO	Ant1	2452	-16.51	≤8.00	PASS
11N40MIMO	Ant2	2452	-13.92	≤8.00	PASS
11N40MIMO	total	2452	-12.01	≤8.00	PASS

Test Graphs

11B-Ant1-2412-PASS

11B-Ant2-2412-PASS

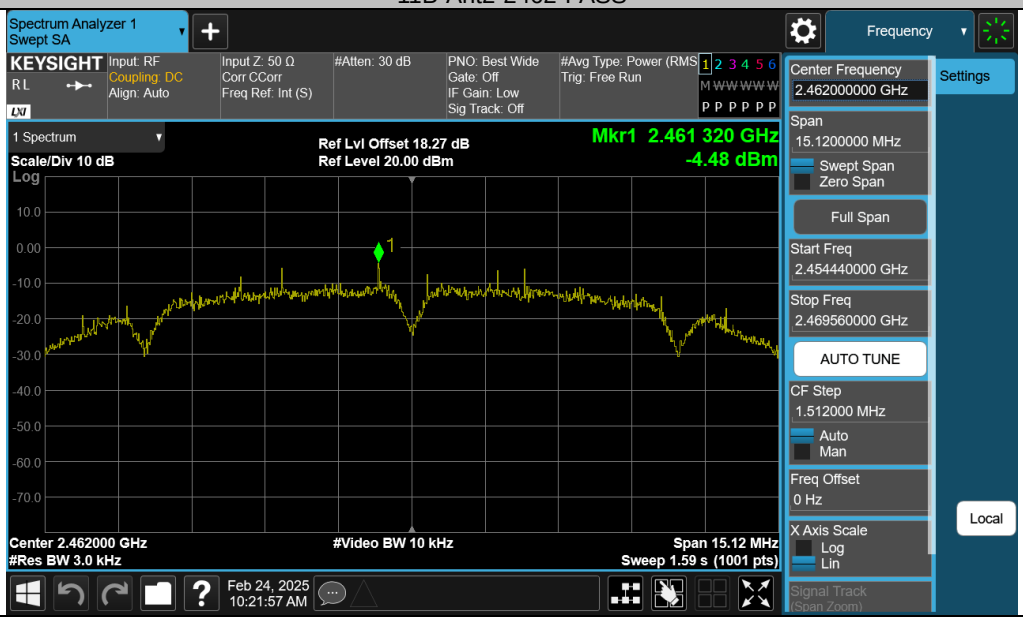
11B-Ant1-2437-PASS



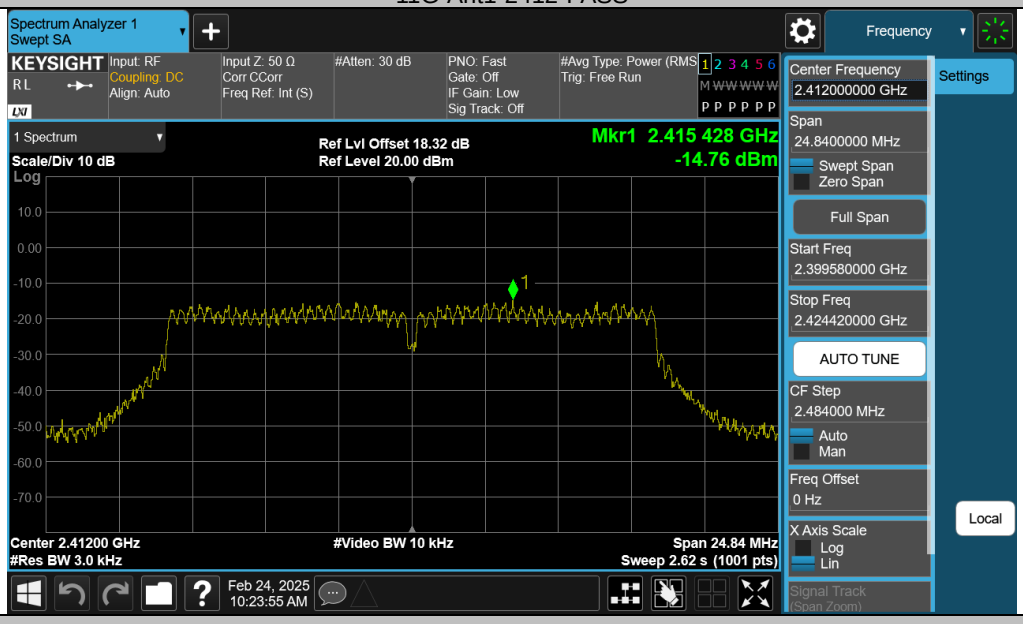
11B-Ant2-2437-PASS

11B-Ant1-2462-PASS

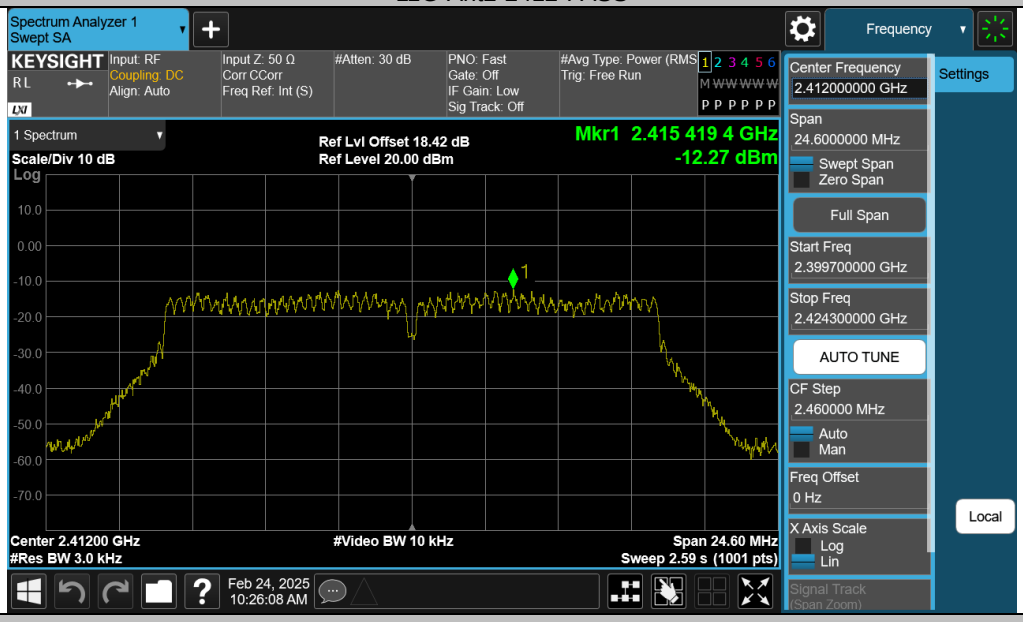
11B-Ant2-2462-PASS



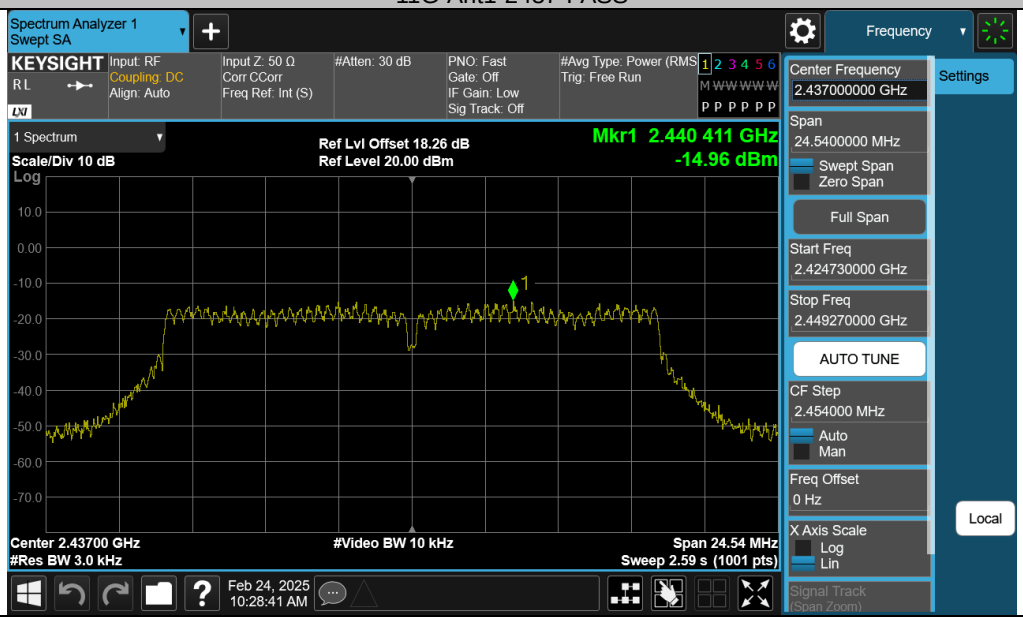
11G-Ant1-2412-PASS



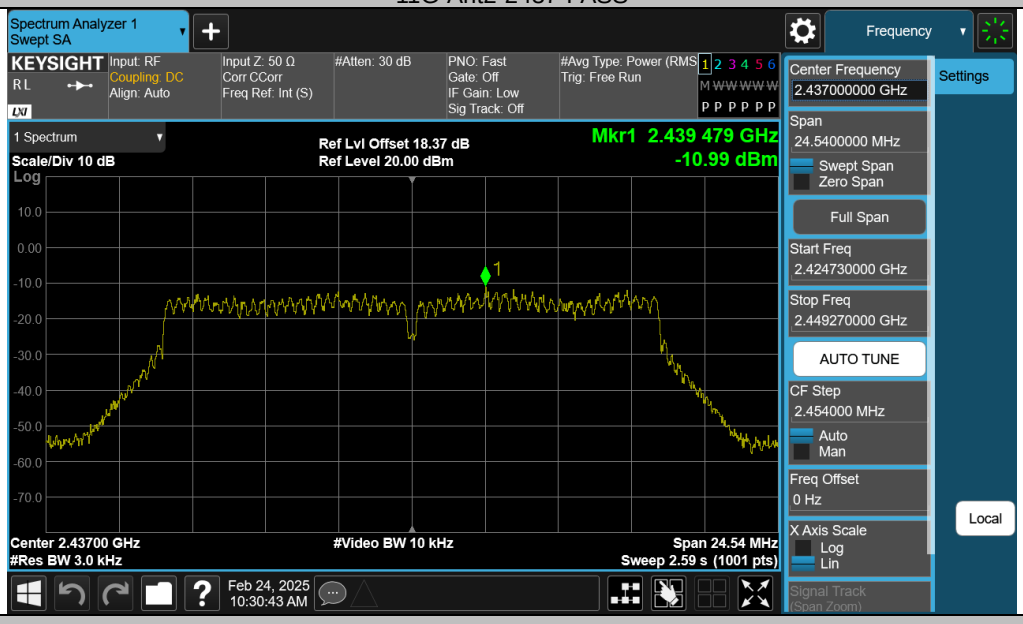
11G-Ant2-2412-PASS



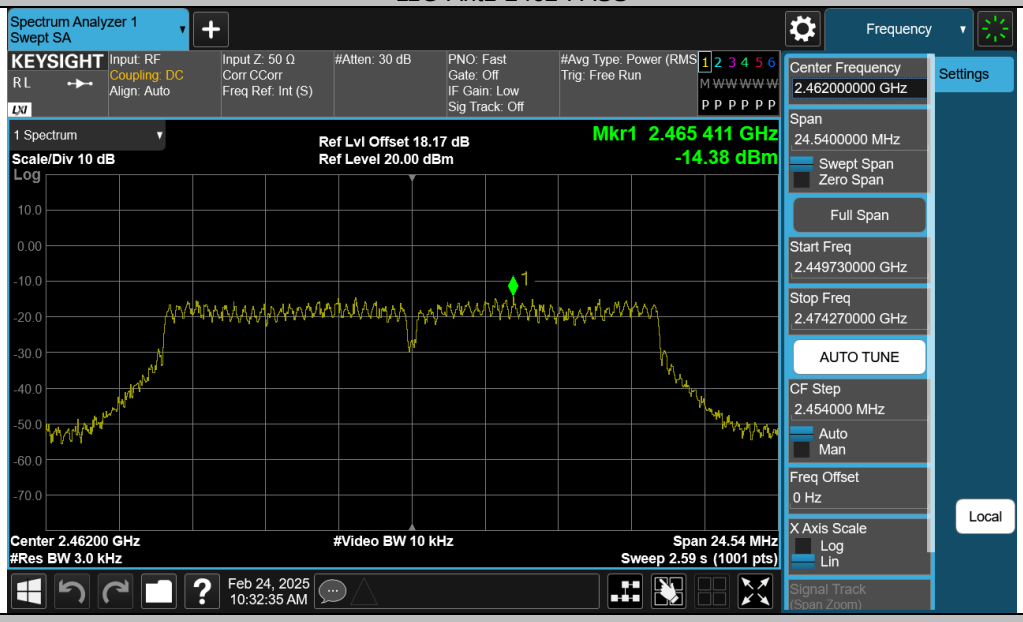
11G-Ant1-2437-PASS



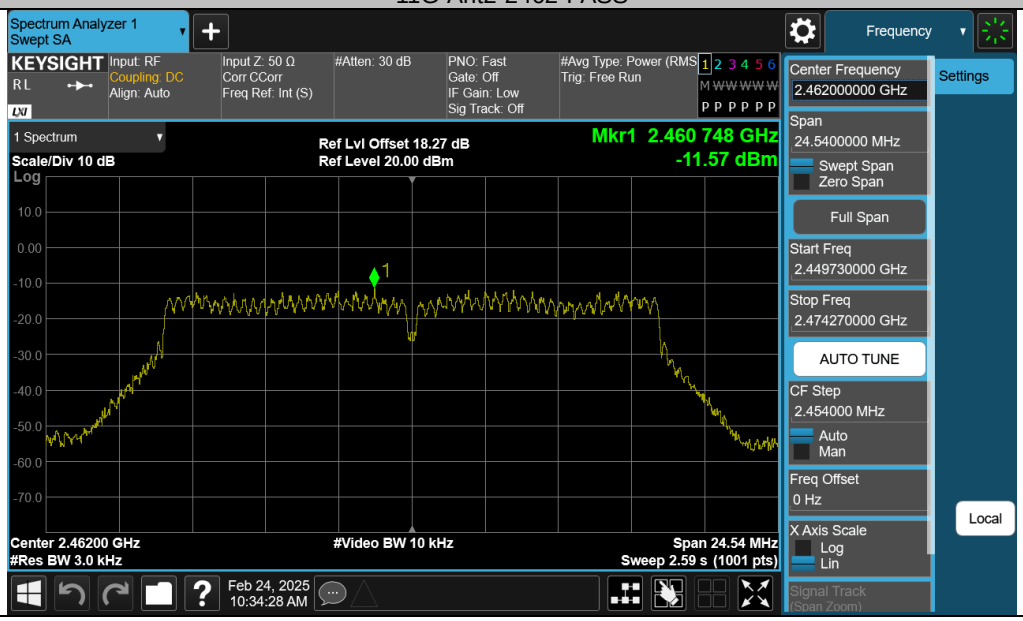
11G-Ant2-2437-PASS



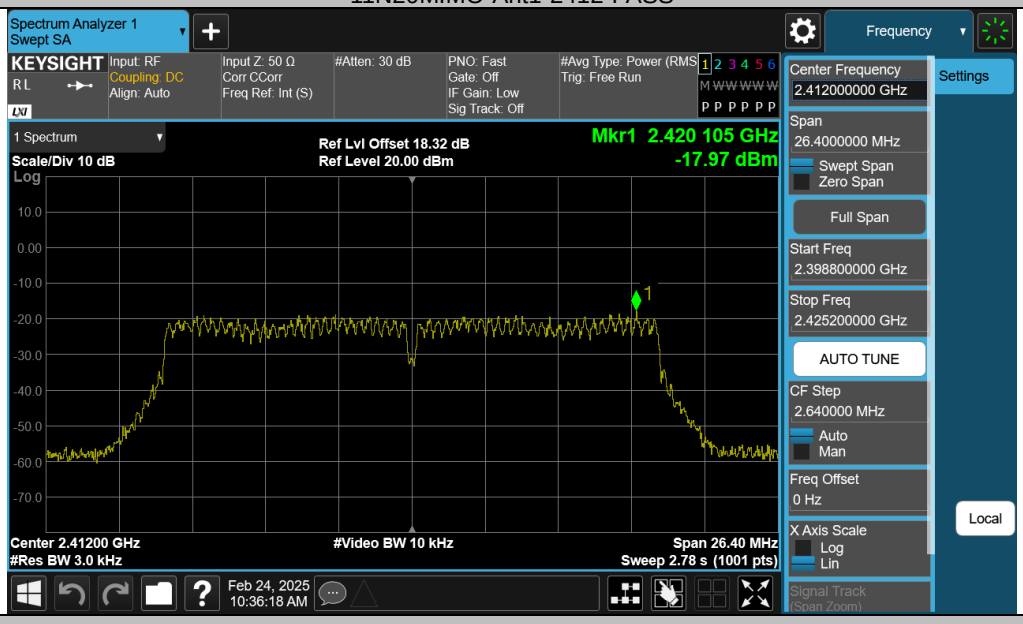
11G-Ant1-2462-PASS



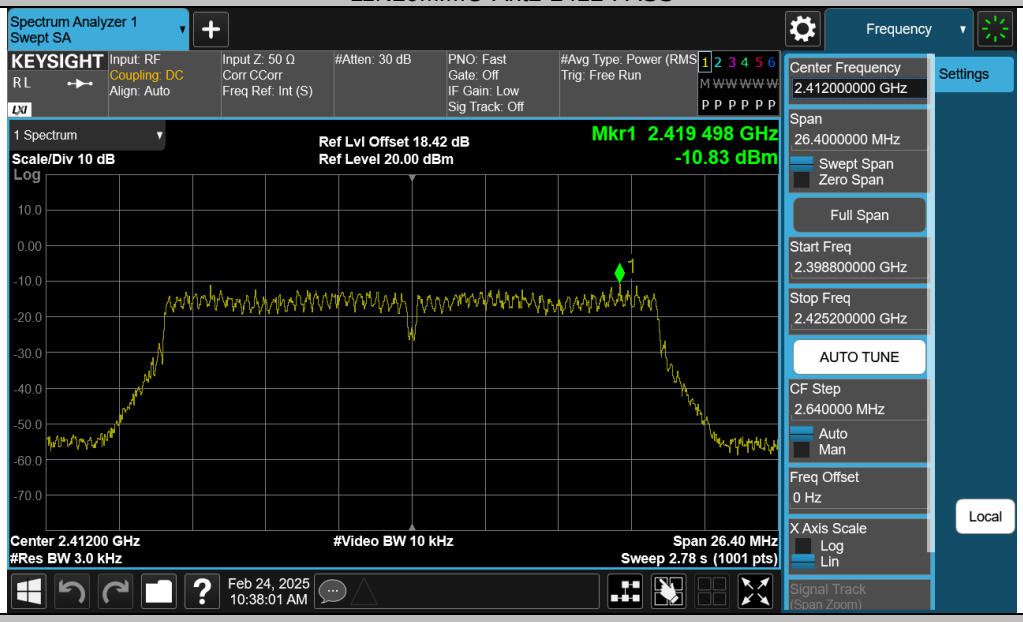
11G-Ant2-2462-PASS



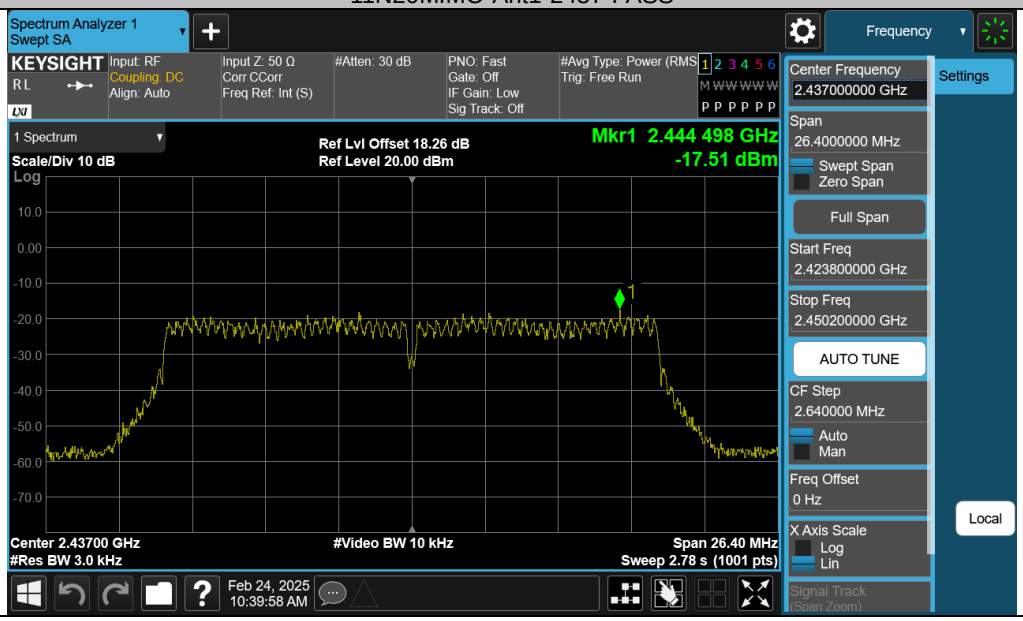
11N20MIMO-Ant1-2412-PASS



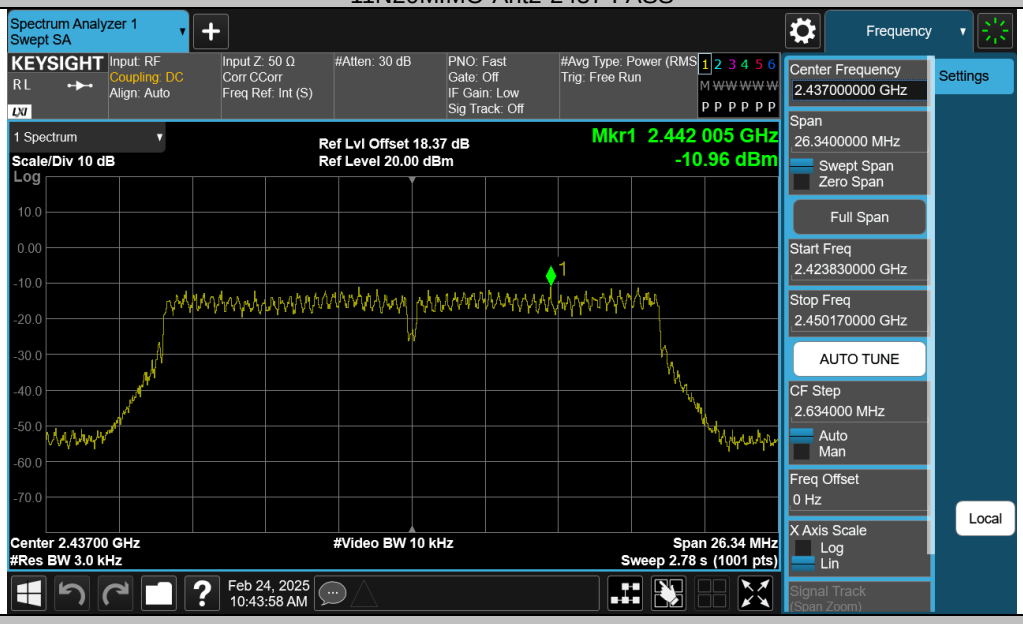
11N20MIMO-Ant2-2412-PASS



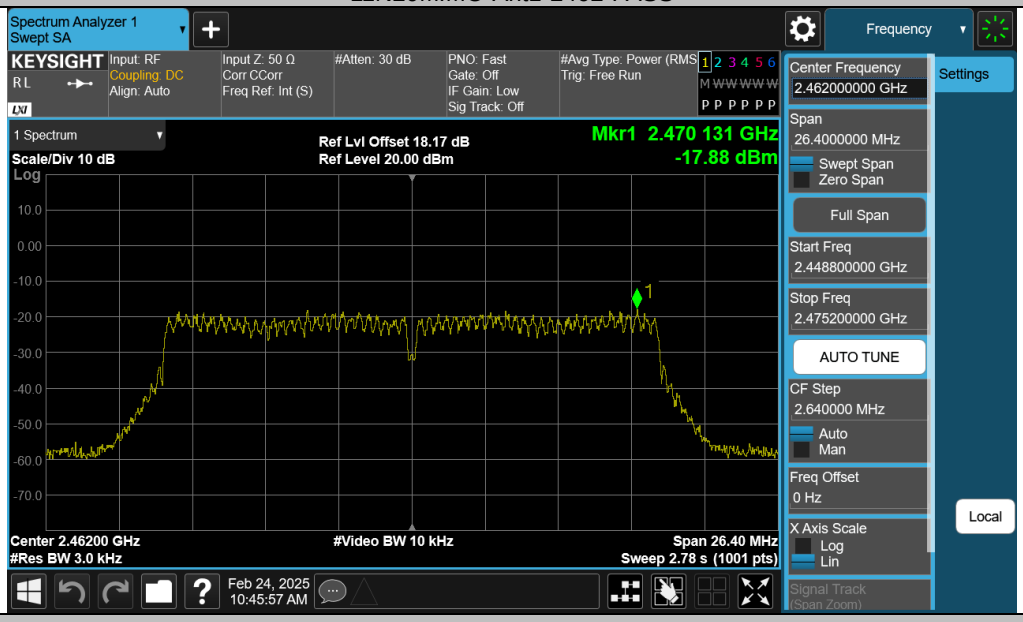
11N20MIMO-Ant1-2437-PASS



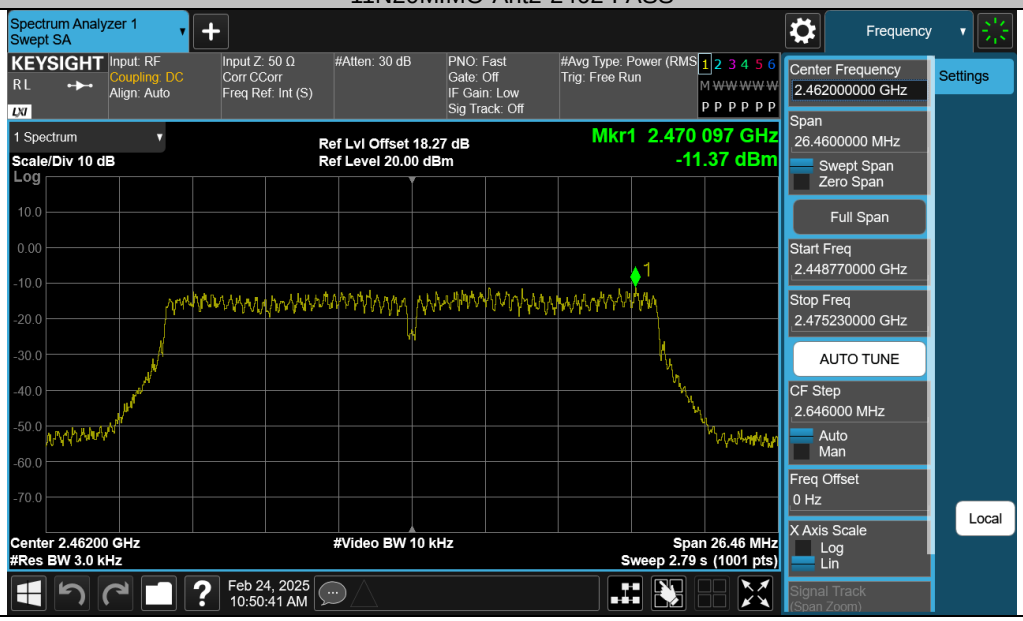
11N20MIMO-Ant2-2437-PASS



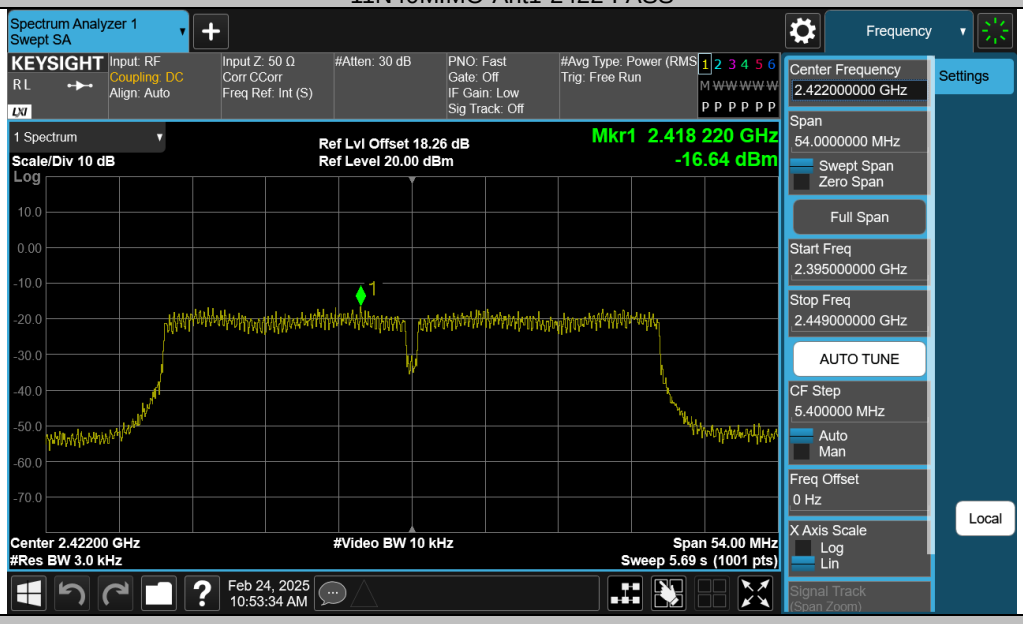
11N20MIMO-Ant1-2462-PASS



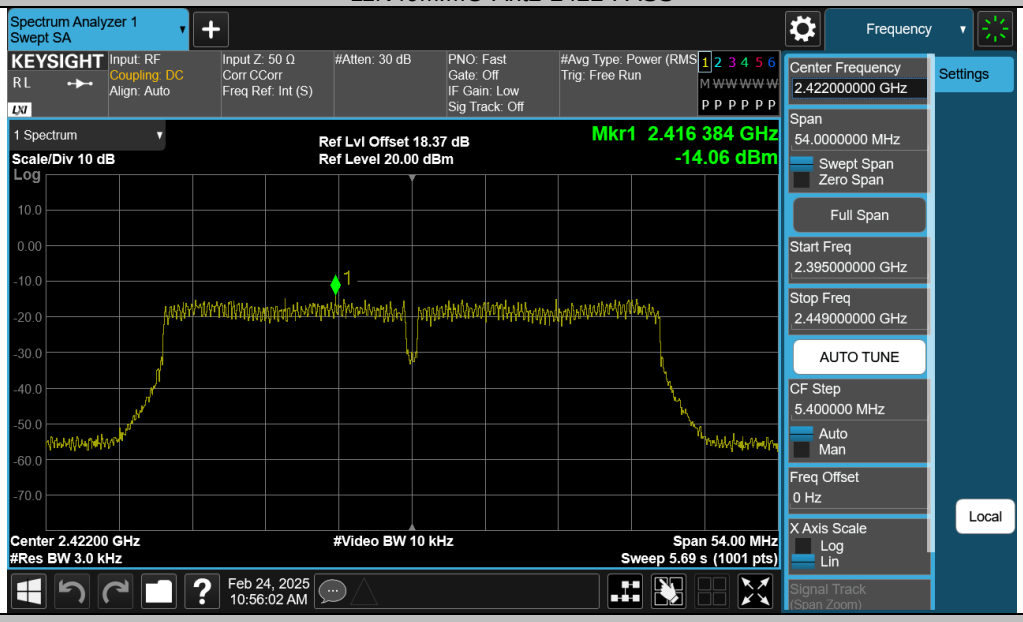
11N20MIMO-Ant2-2462-PASS



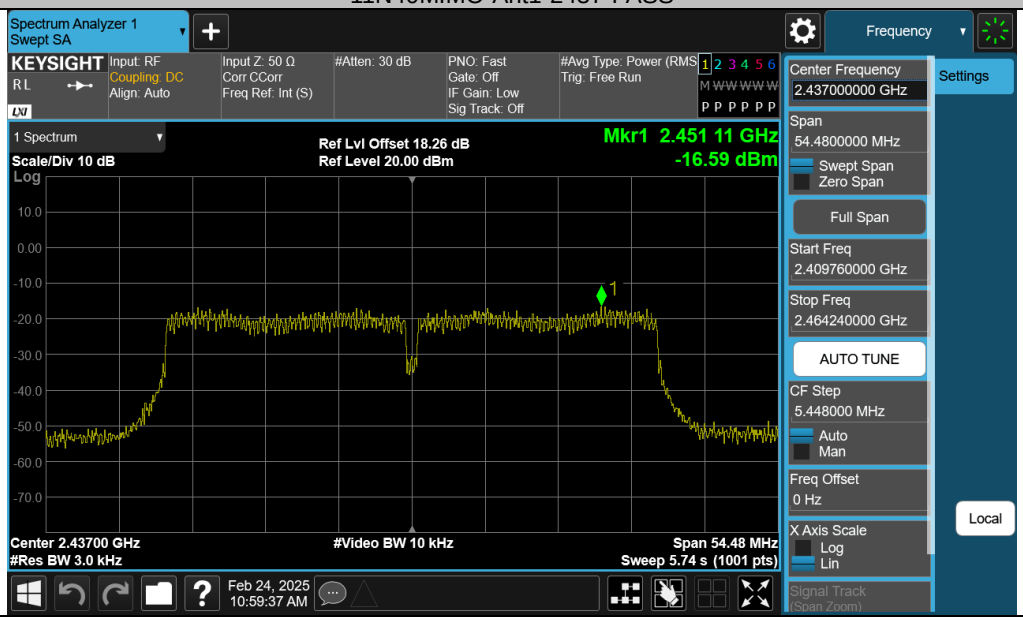
11N40MIMO-Ant1-2422-PASS



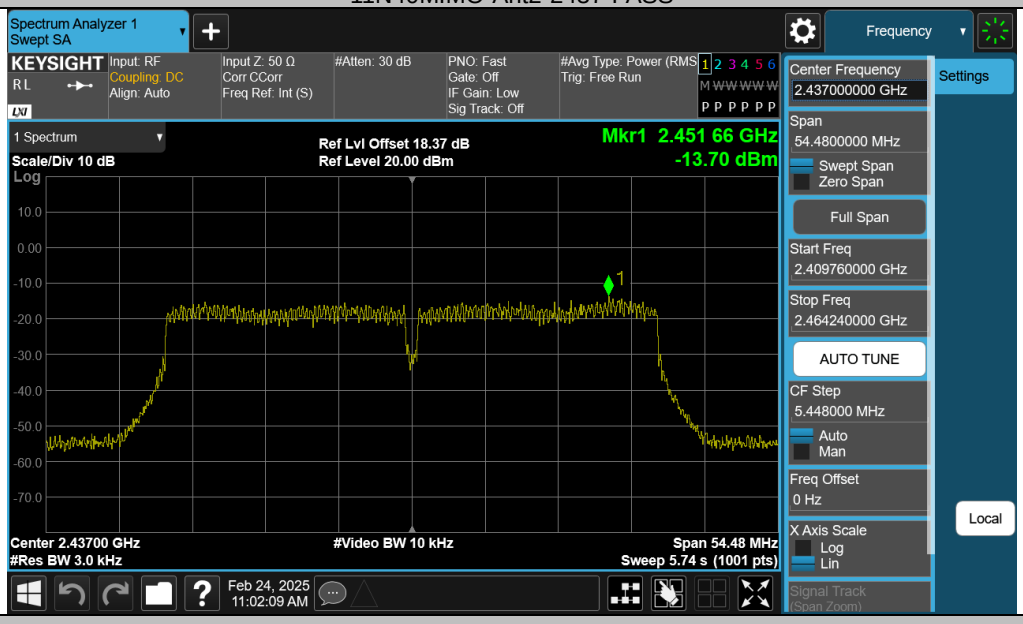
11N40MIMO-Ant2-2422-PASS



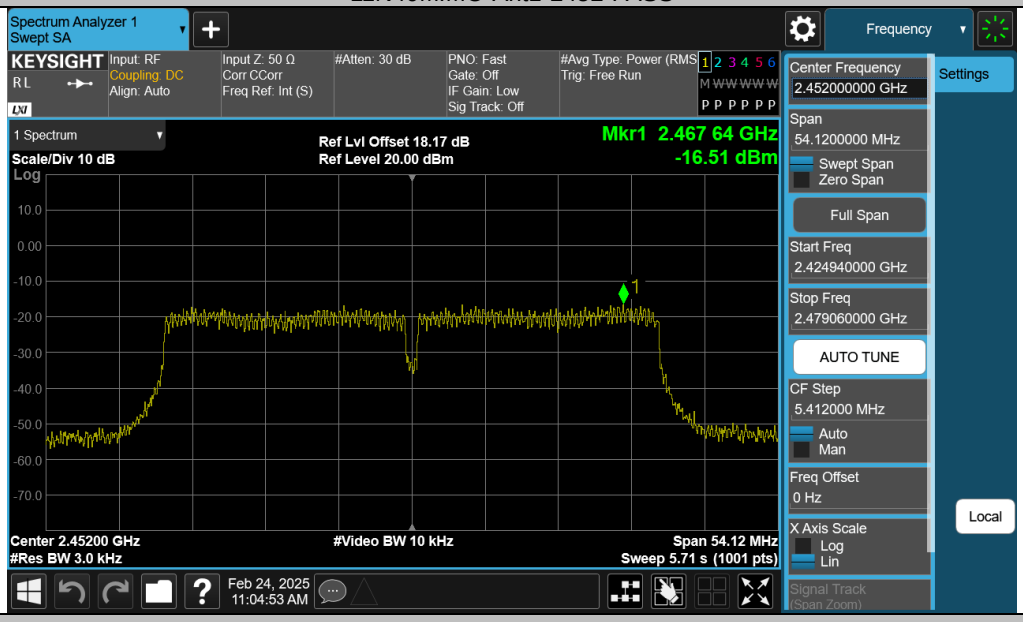
11N40MIMO-Ant1-2437-PASS



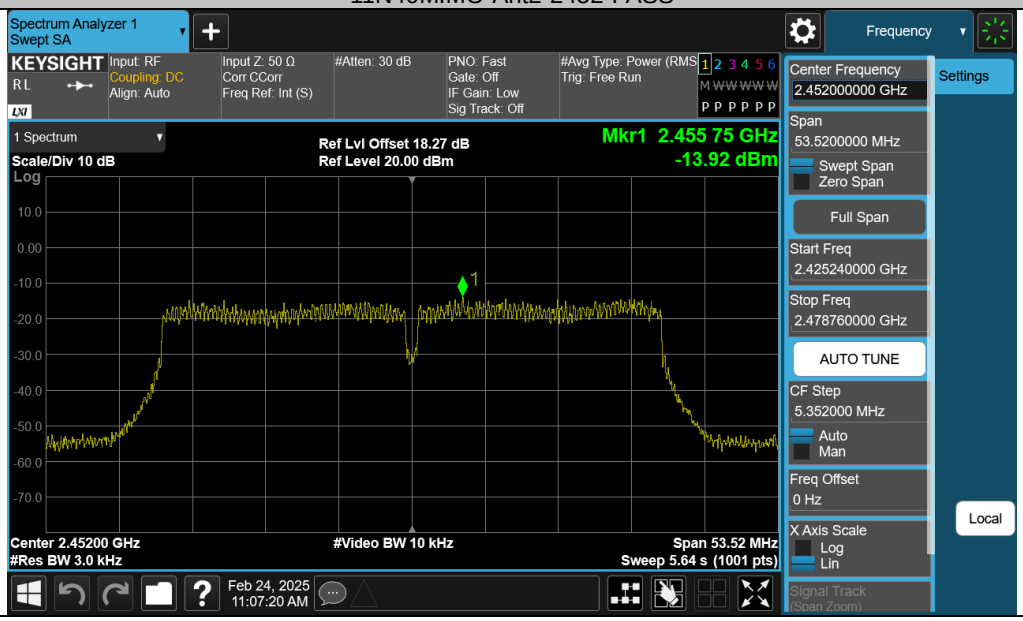
11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



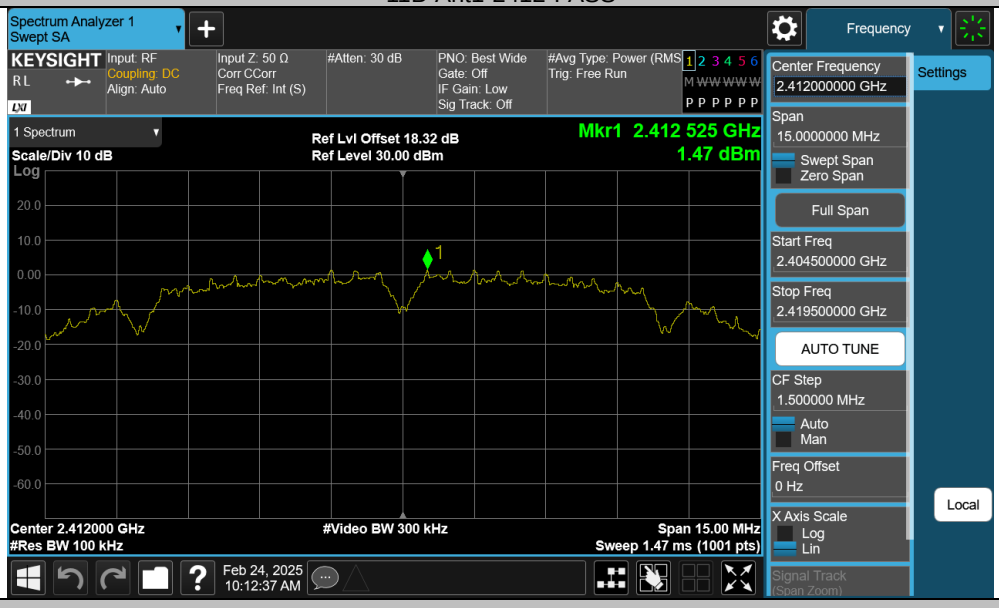
Appendix E: Reference level measurement

Test Result

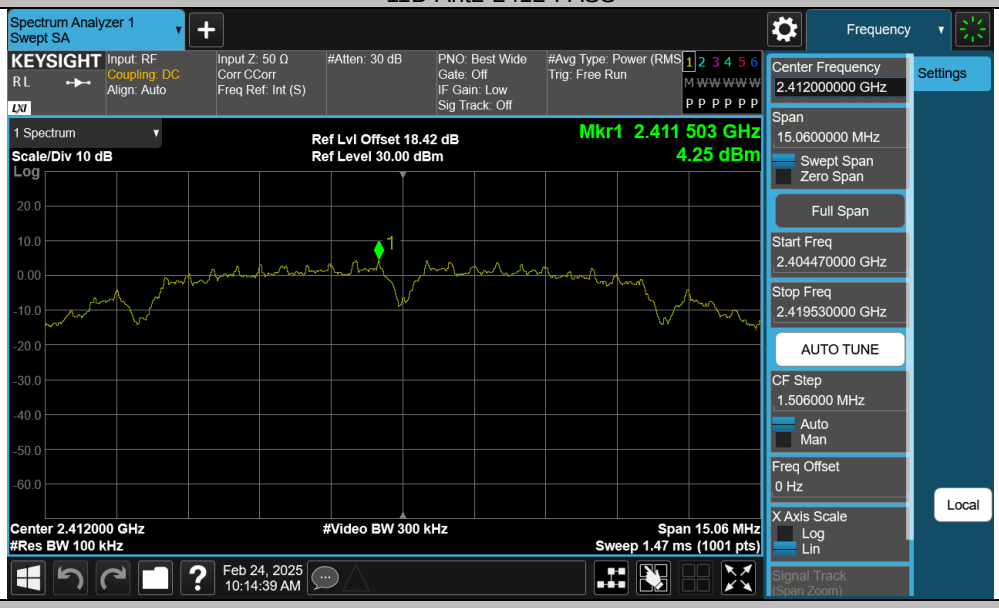
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.53	1.47
11B	Ant2	2412	2411.50	4.25
11B	Ant1	2437	2437.48	1.50
11B	Ant2	2437	2437.51	5.09
11B	Ant1	2462	2460.50	1.78
11B	Ant2	2462	2461.50	4.57
11G	Ant1	2412	2415.70	-1.50
11G	Ant2	2412	2418.30	0.15
11G	Ant1	2437	2433.25	-0.93
11G	Ant2	2437	2440.75	2.82
11G	Ant1	2462	2454.56	-0.70
11G	Ant2	2462	2454.54	2.82
11N20MIMO	Ant1	2412	2410.76	-4.94
11N20MIMO	Ant2	2412	2409.49	0.74
11N20MIMO	Ant1	2437	2429.48	-4.37
11N20MIMO	Ant2	2437	2439.48	2.85
11N20MIMO	Ant1	2462	2469.52	-3.52
11N20MIMO	Ant2	2462	2469.46	2.37
11N40MIMO	Ant1	2422	2425.78	-2.74
11N40MIMO	Ant2	2422	2435.77	-0.60
11N40MIMO	Ant1	2437	2443.27	-2.84
11N40MIMO	Ant2	2437	2450.73	-0.12
11N40MIMO	Ant1	2452	2468.24	-2.06
11N40MIMO	Ant2	2452	2457.03	0.42

Test Graphs

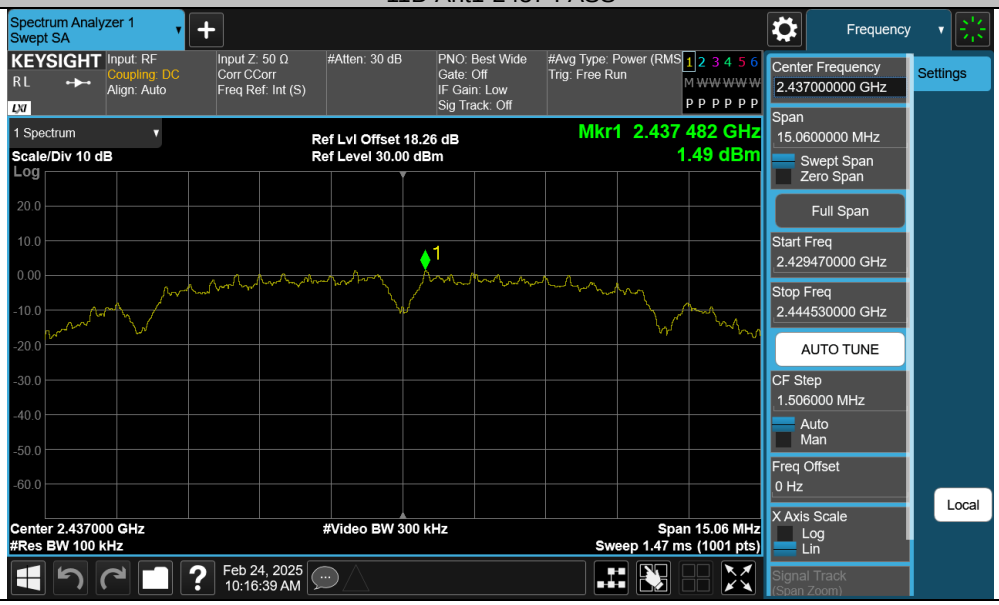
11B-Ant1-2412-PASS



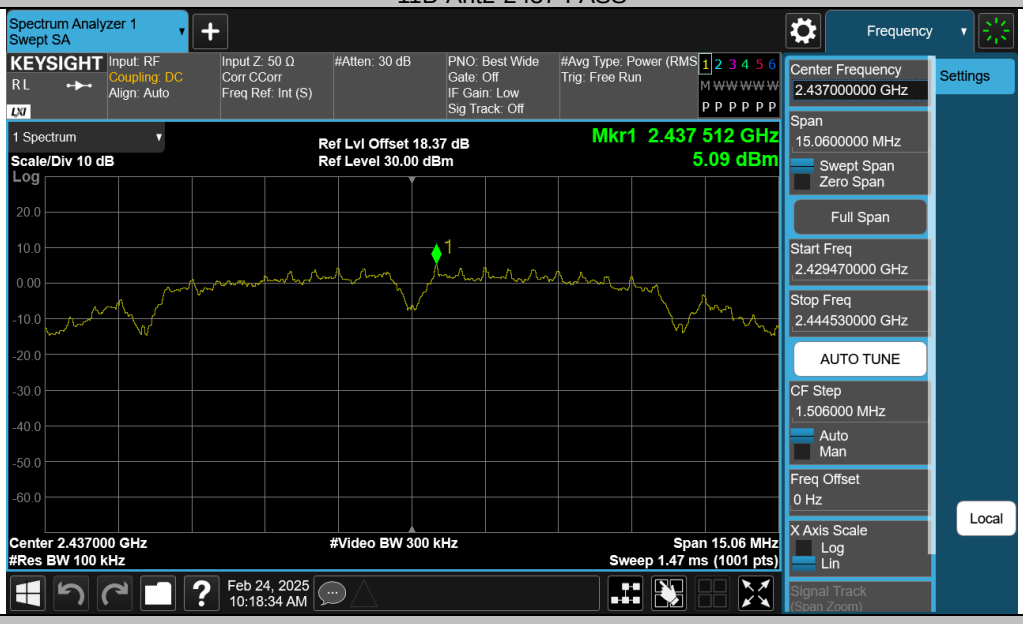
11B-Ant2-2412-PASS



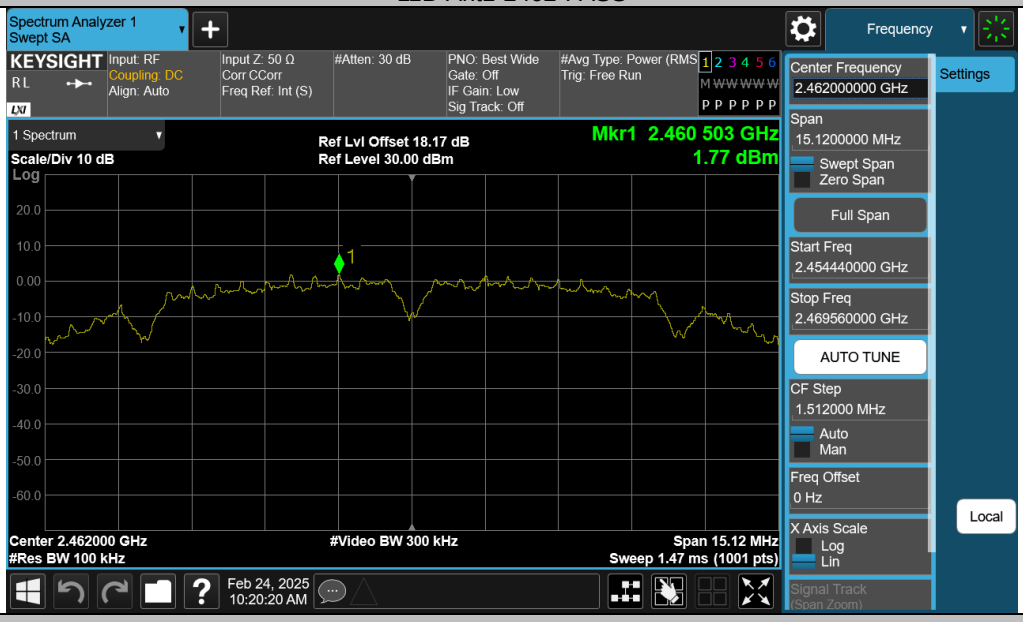
11B-Ant1-2437-PASS



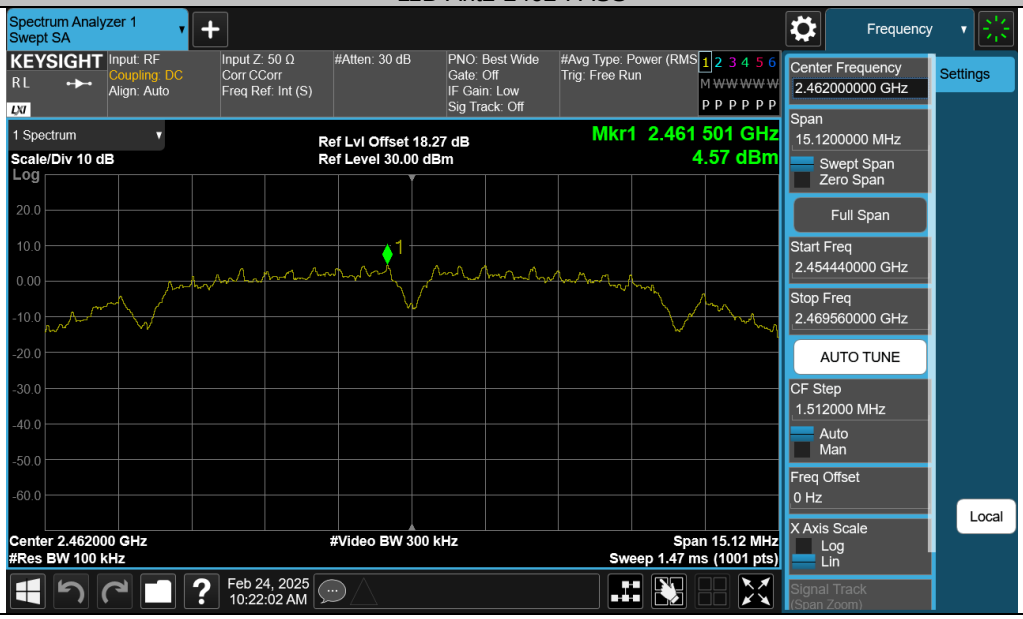
11B-Ant2-2437-PASS



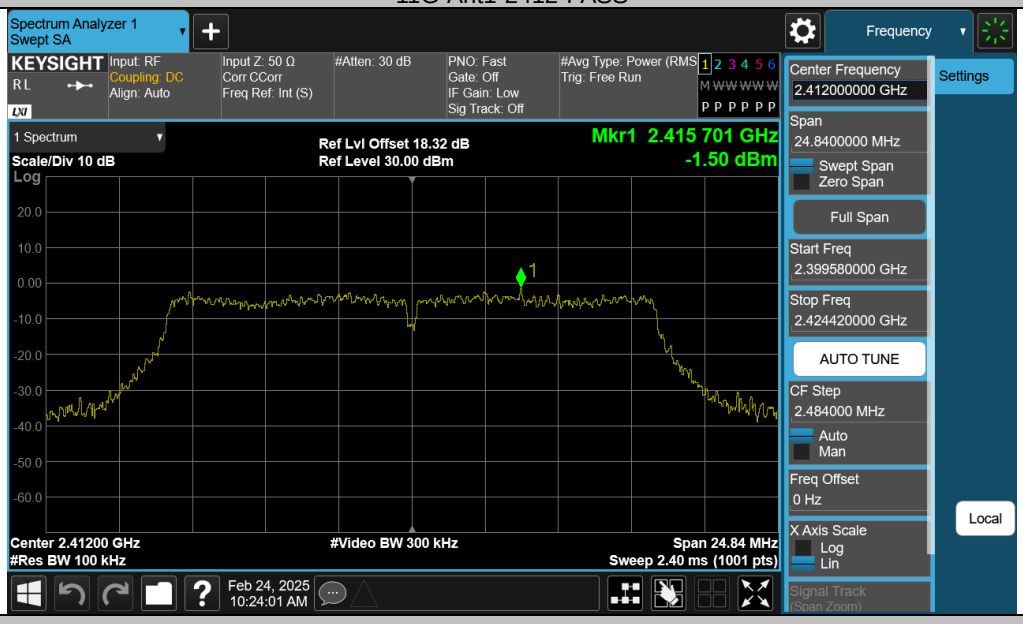
11B-Ant1-2462-PASS



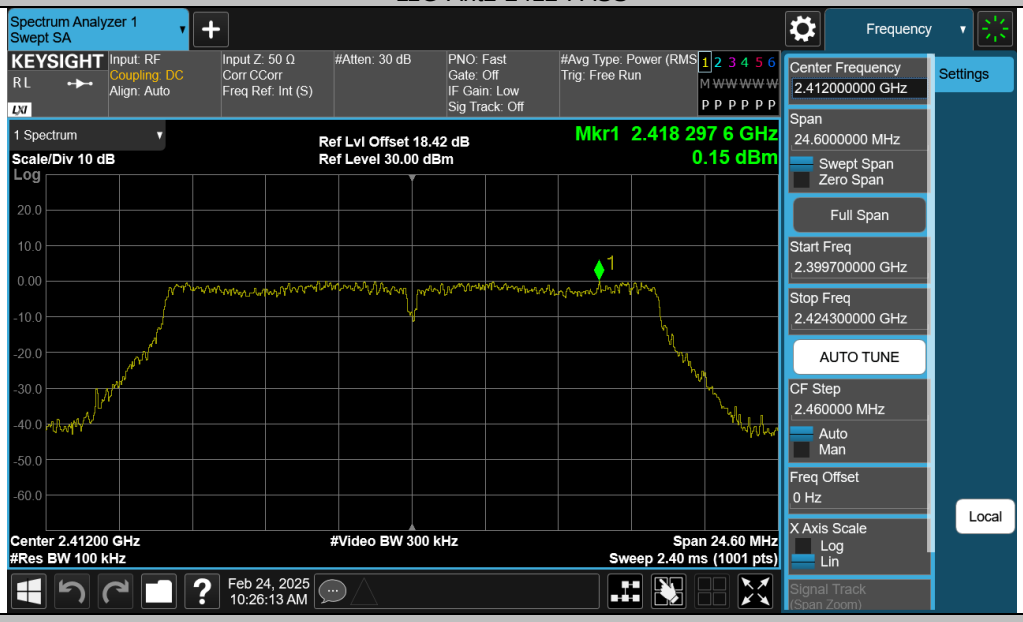
11B-Ant2-2462-PASS



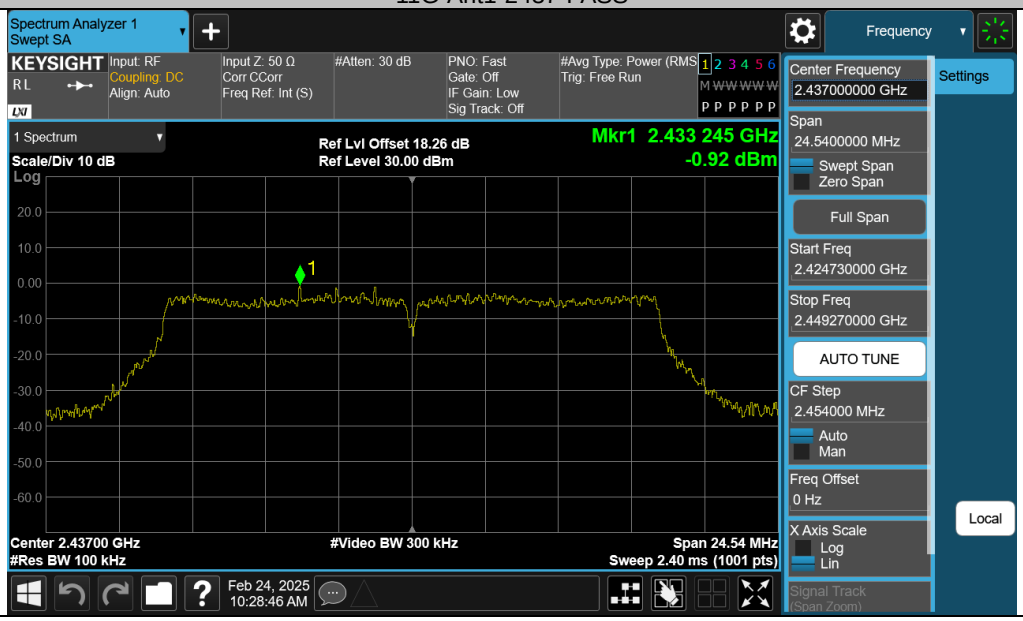
11G-Ant1-2412-PASS



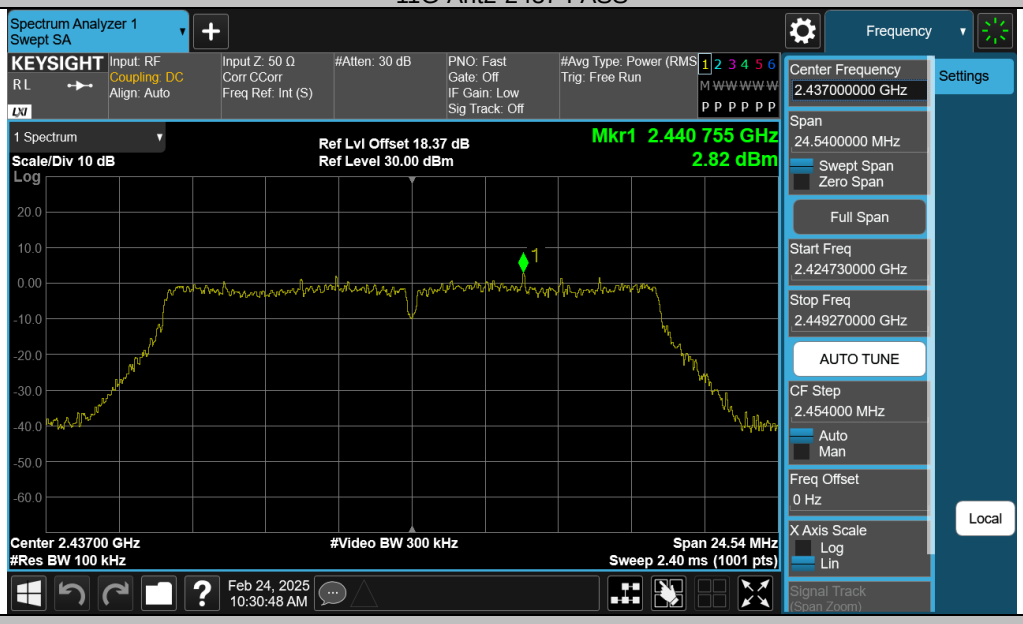
11G-Ant2-2412-PASS



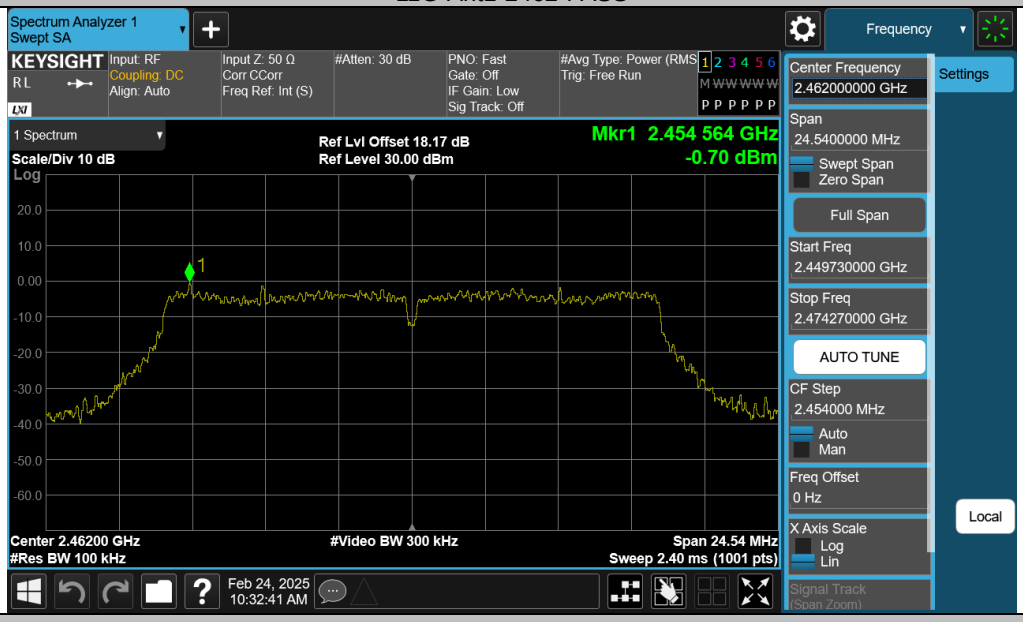
11G-Ant1-2437-PASS



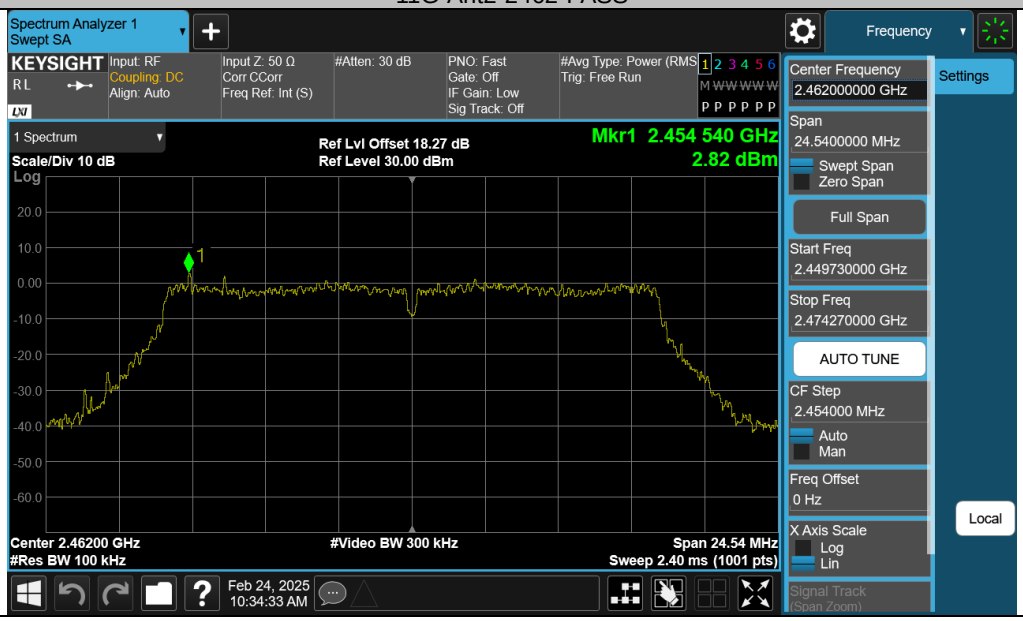
11G-Ant2-2437-PASS



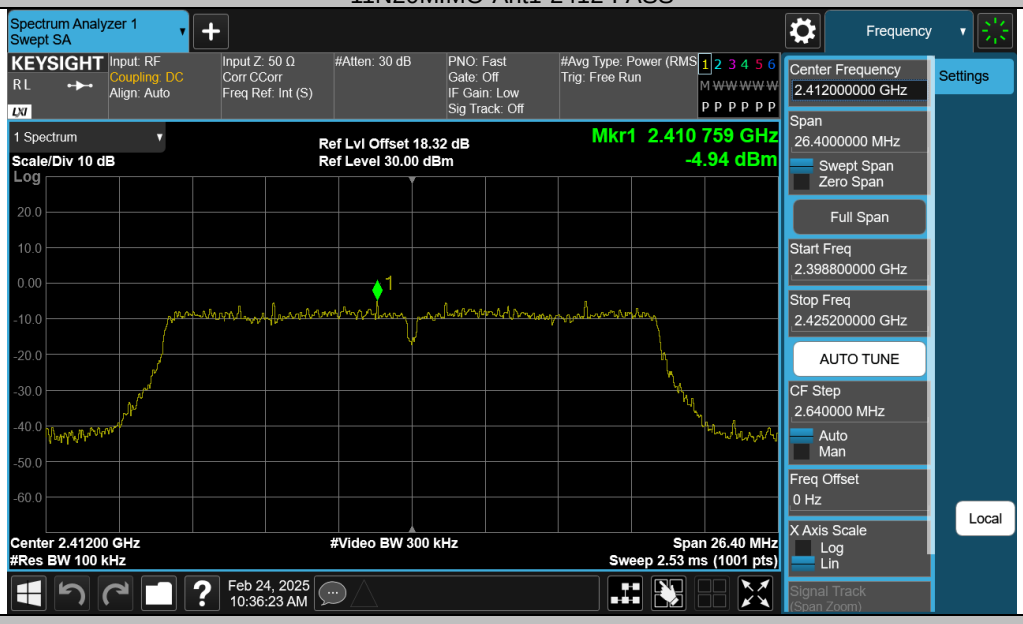
11G-Ant1-2462-PASS



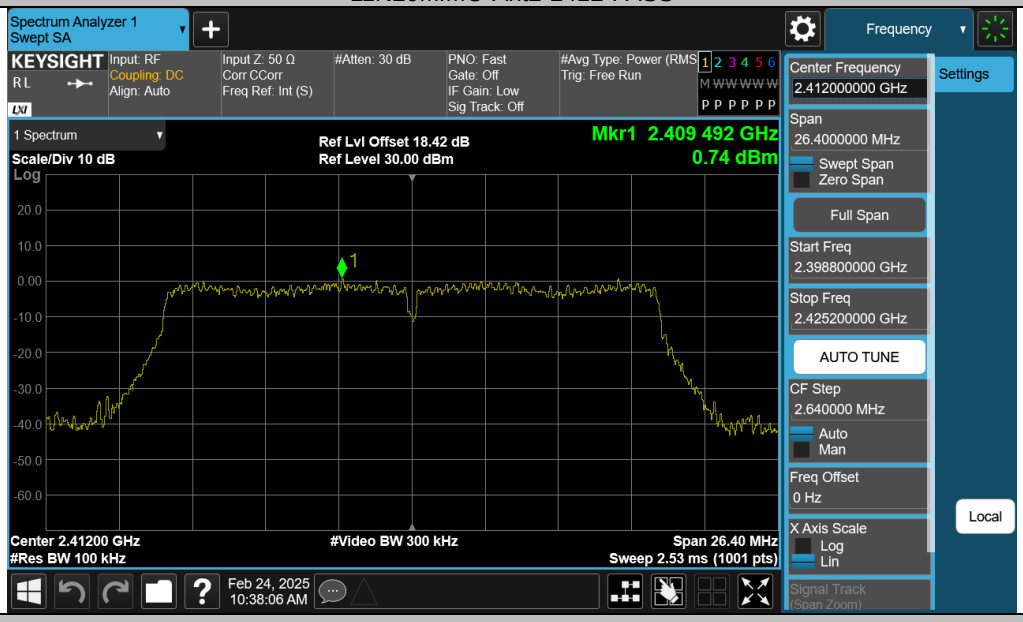
11G-Ant2-2462-PASS



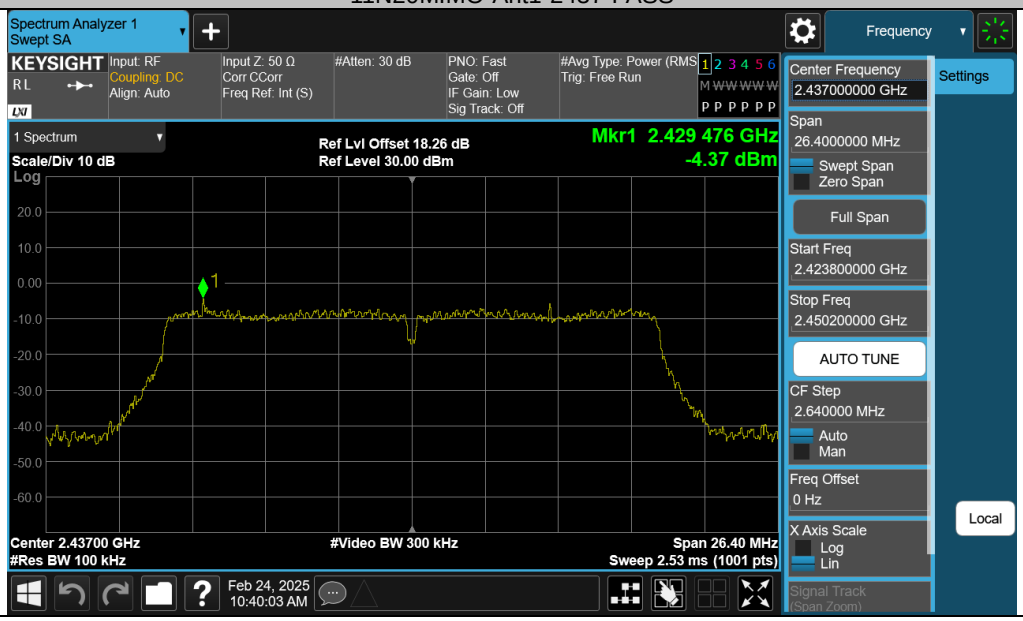
11N20MIMO-Ant1-2412-PASS



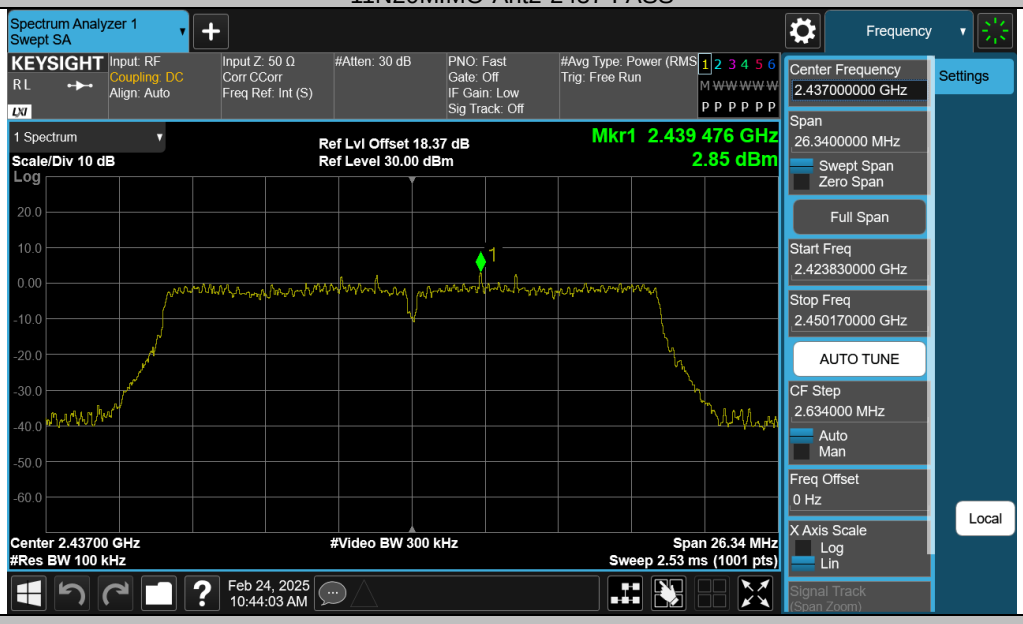
11N20MIMO-Ant2-2412-PASS



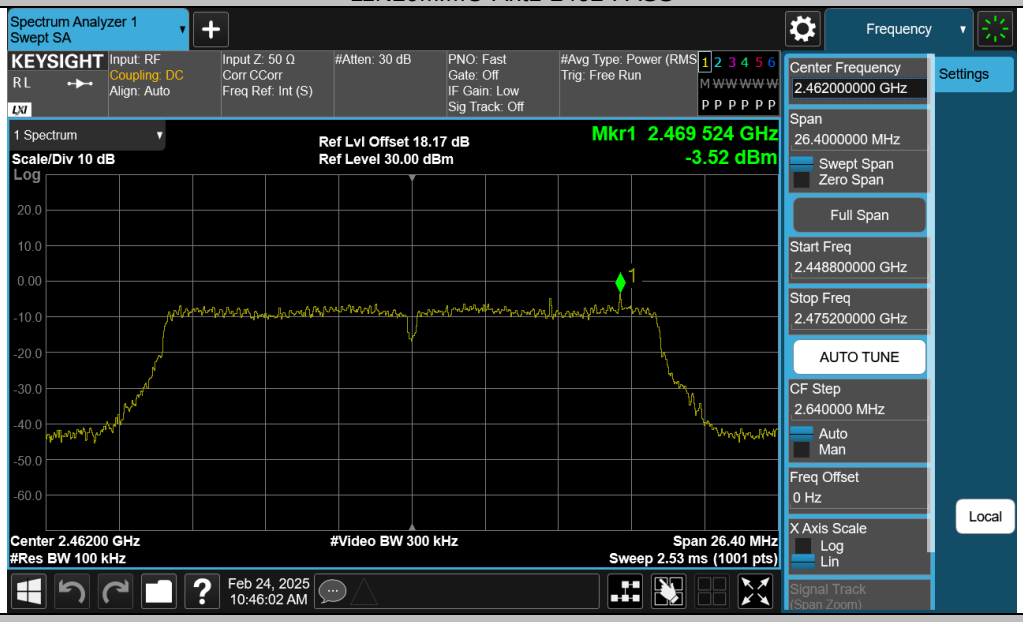
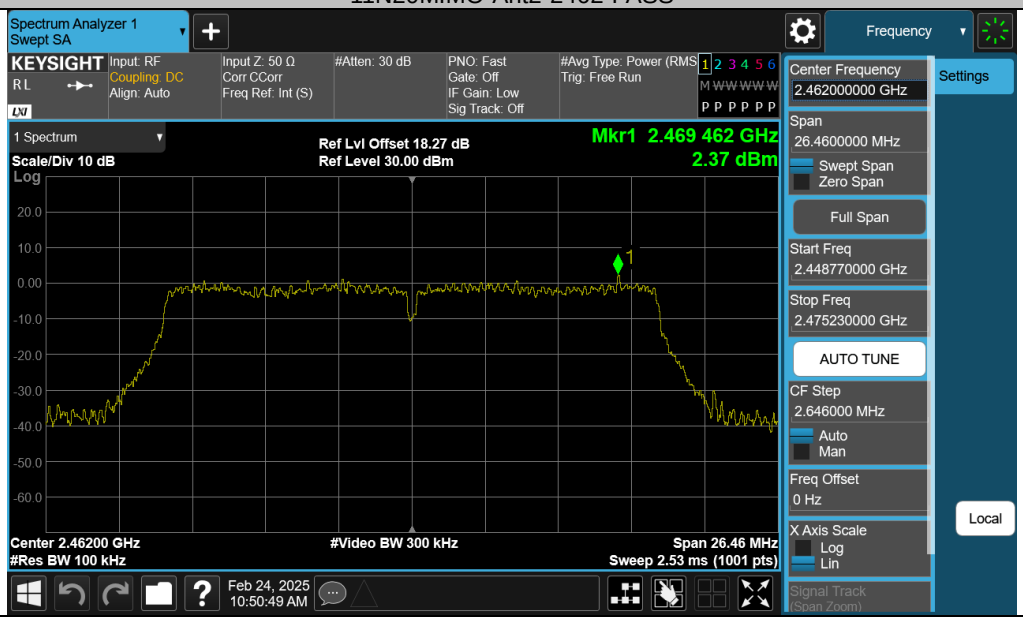
11N20MIMO-Ant1-2437-PASS



11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS