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 D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.89	≤8.00	PASS
11B	Ant2	2412	-11.55	≤8.00	PASS
11B	Ant1	2437	-13.36	≤8.00	PASS
11B	Ant2	2437	-11.64	≤8.00	PASS
11B	Ant1	2462	-13.55	≤8.00	PASS
11B	Ant2	2462	-11.92	≤8.00	PASS
11G	Ant1	2412	-15.24	≤8.00	PASS
11G	Ant2	2412	-14.67	≤8.00	PASS
11G	Ant1	2437	-16.16	≤8.00	PASS
11G	Ant2	2437	-15.32	≤8.00	PASS
11G	Ant1	2462	-16.87	≤8.00	PASS
11G	Ant2	2462	-15.34	≤8.00	PASS
11N20MIMO	Ant1	2412	-13.56	≤7.09	PASS
11N20MIMO	Ant2	2412	-13.44	≤7.09	PASS
11N20MIMO	total	2412	-10.49	≤7.09	PASS
11N20MIMO	Ant1	2437	-14.66	≤7.09	PASS
11N20MIMO	Ant2	2437	-13.93	≤7.09	PASS
11N20MIMO	total	2437	-11.27	≤7.09	PASS
11N20MIMO	Ant1	2462	-14.85	≤7.09	PASS
11N20MIMO	Ant2	2462	-13.81	≤7.09	PASS
11N20MIMO	total	2462	-11.29	≤7.09	PASS
11N40MIMO	Ant1	2422	-16.04	≤7.09	PASS
11N40MIMO	Ant2	2422	-14.94	≤7.09	PASS
11N40MIMO	total	2422	-12.44	≤7.09	PASS
11N40MIMO	Ant1	2437	-16.51	≤7.09	PASS
11N40MIMO	Ant2	2437	-15.81	≤7.09	PASS
11N40MIMO	total	2437	-13.14	≤7.09	PASS
11N40MIMO	Ant1	2452	-16.64	≤7.09	PASS
11N40MIMO	Ant2	2452	-15.16	≤7.09	PASS
11N40MIMO	total	2452	-12.83	≤7.09	PASS
11AX20MIMO	Ant1	2412	-15.05	≤7.09	PASS
11AX20MIMO	Ant2	2412	-14.43	≤7.09	PASS
11AX20MIMO	total	2412	-11.72	≤7.09	PASS
11AX20MIMO	Ant1	2437	-15.60	≤7.09	PASS
11AX20MIMO	Ant2	2437	-14.90	≤7.09	PASS
11AX20MIMO	total	2437	-12.23	≤7.09	PASS
11AX20MIMO	Ant1	2462	-16.02	≤7.09	PASS
11AX20MIMO	Ant2	2462	-15.48	≤7.09	PASS
11AX20MIMO	total	2462	-12.73	≤7.09	PASS
11AX40MIMO	Ant1	2422	-18.25	≤7.09	PASS
11AX40MIMO	Ant2	2422	-16.64	≤7.09	PASS
11AX40MIMO	total	2422	-14.36	≤7.09	PASS
11AX40MIMO	Ant1	2437	-18.60	≤7.09	PASS
11AX40MIMO	Ant2	2437	-18.14	≤7.09	PASS
11AX40MIMO	total	2437	-15.35	≤7.09	PASS
11AX40MIMO	Ant1	2452	-19.12	≤7.09	PASS
11AX40MIMO	Ant2	2452	-18.21	≤7.09	PASS
11AX40MIMO	total	2452	-15.63	≤7.09	PASS

Test Graphs

11B-Ant1-2412-PASS

11B-Ant2-2412-PASS

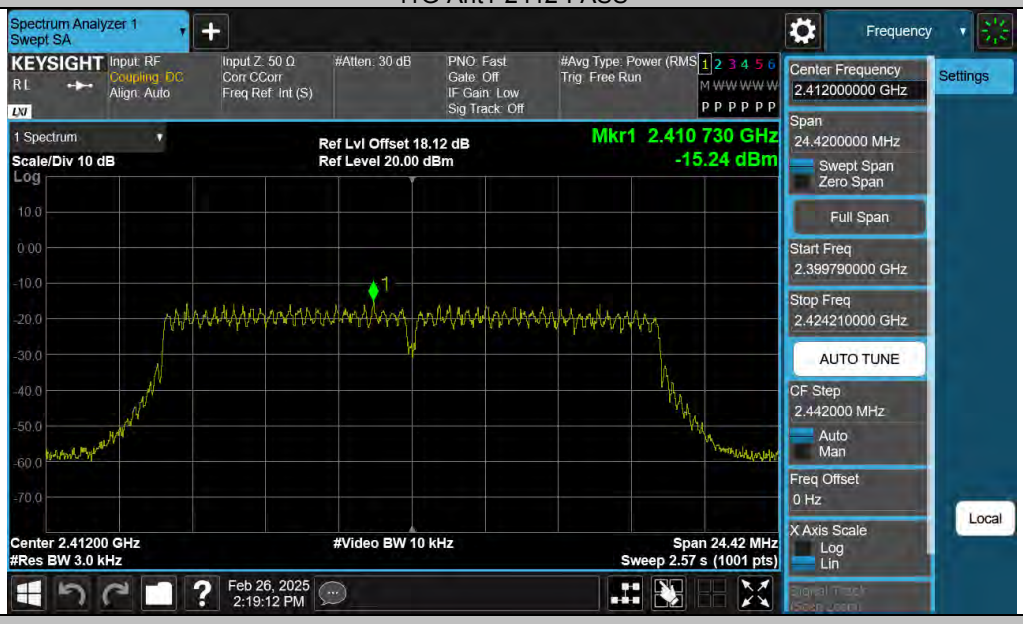
11B-Ant1-2437-PASS

11B-Ant2-2437-PASS

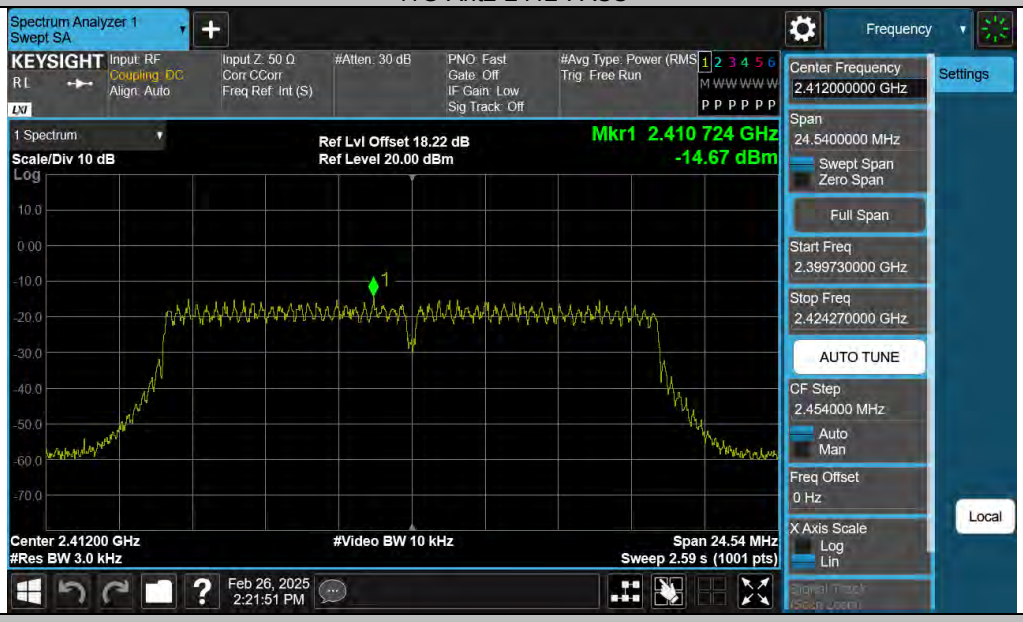
11B-Ant1-2462-PASS

11B-Ant2-2462-PASS

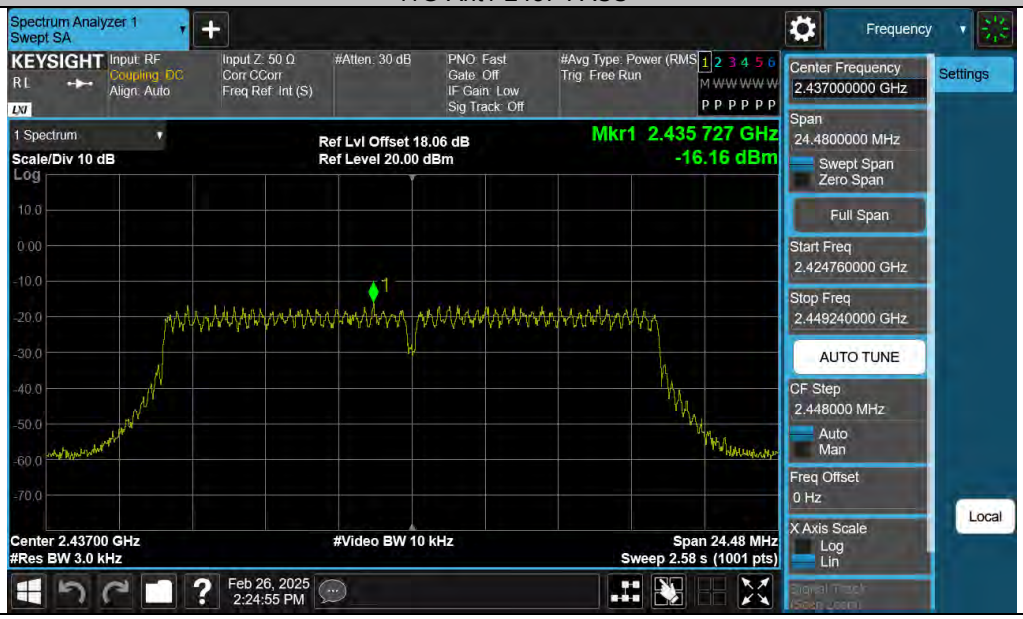
11G-Ant1-2412-PASS



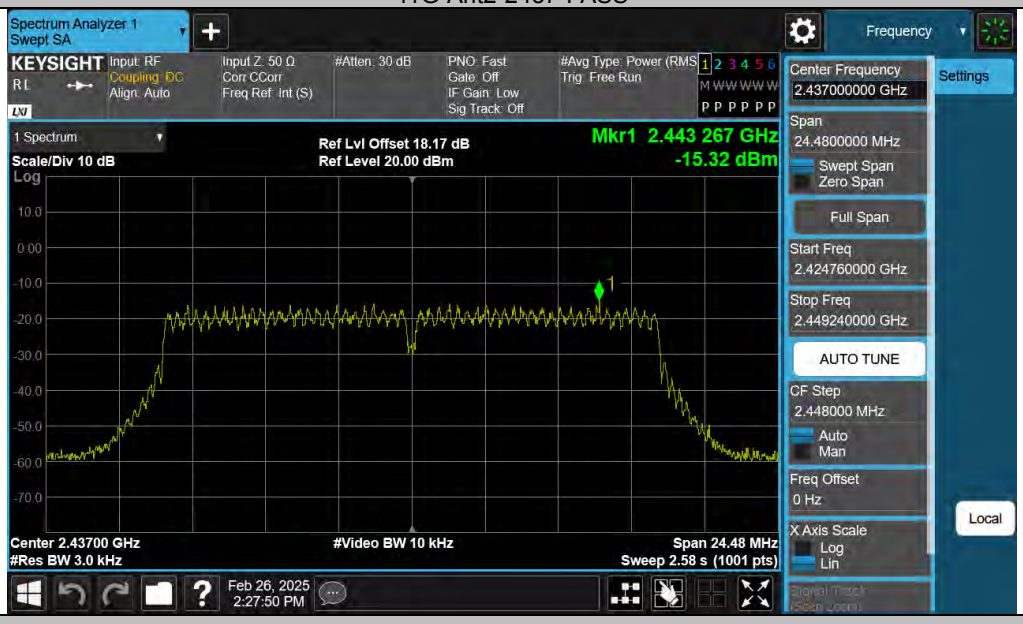
11G-Ant2-2412-PASS



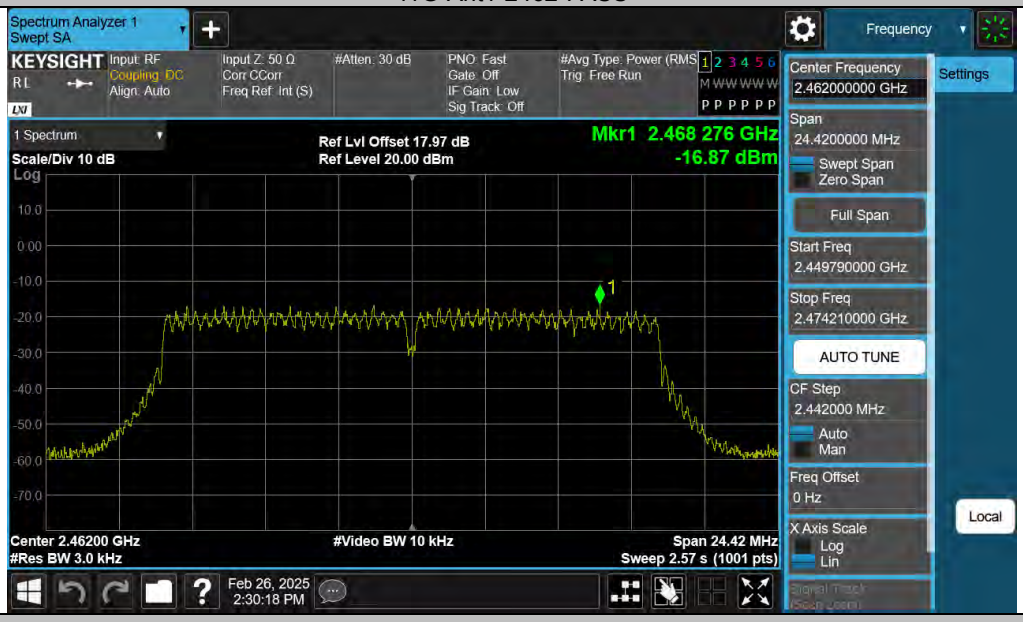
11G-Ant1-2437-PASS



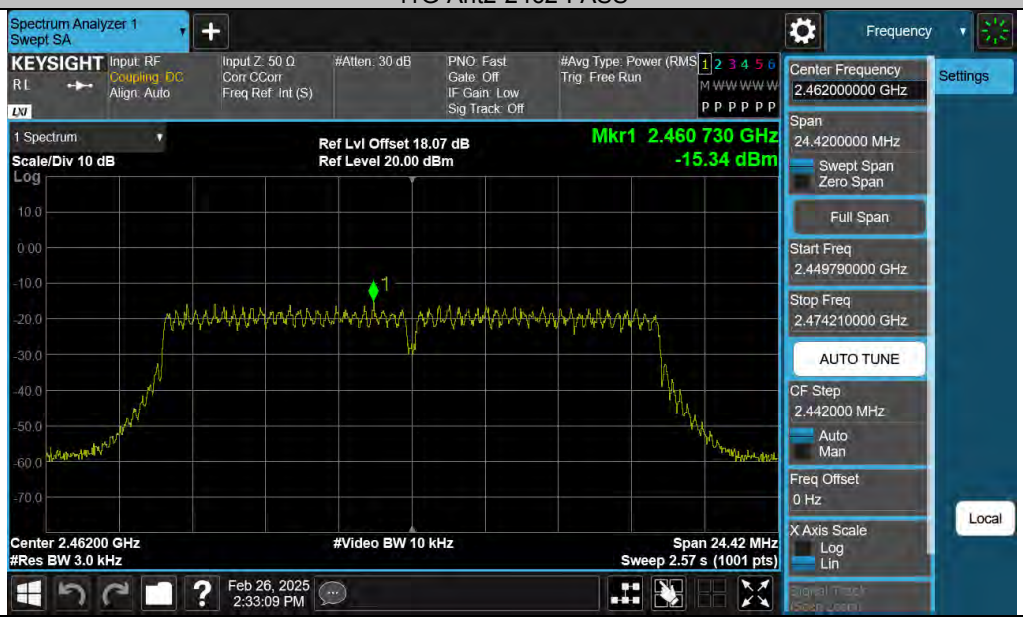
11G-Ant2-2437-PASS



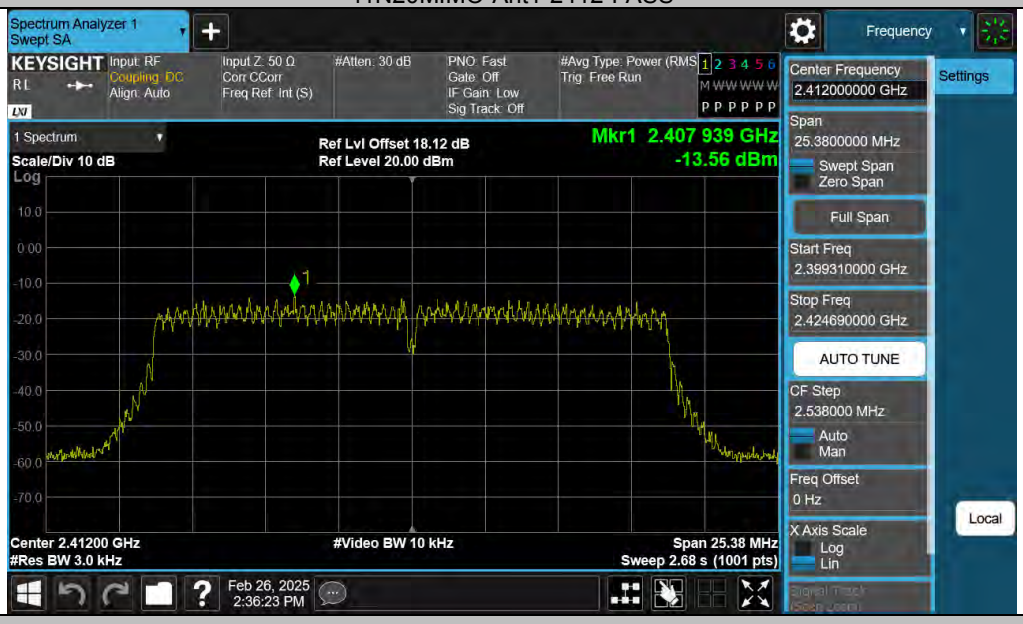
11G-Ant1-2462-PASS



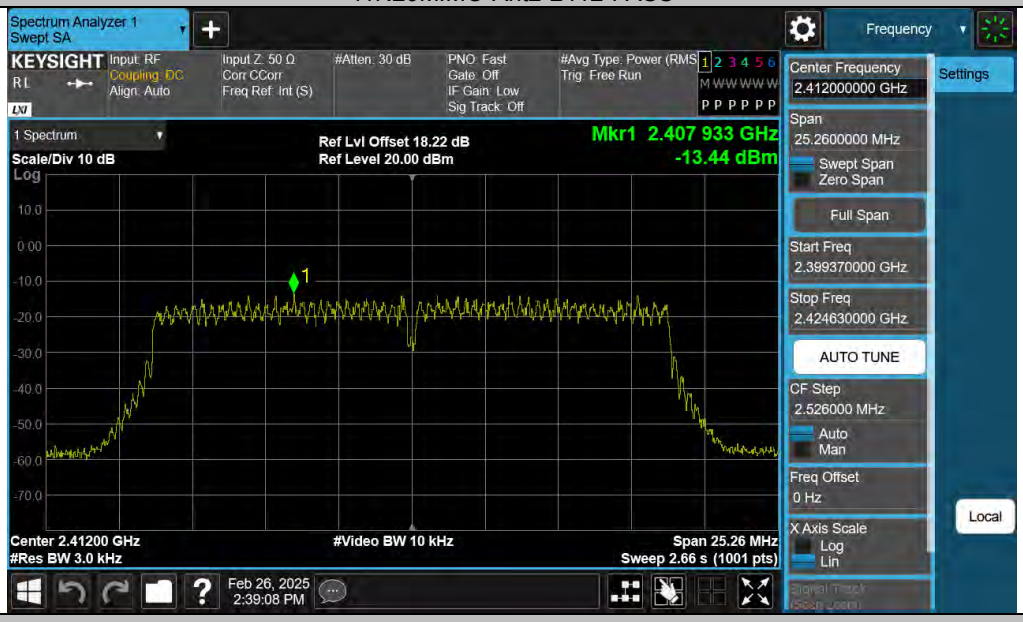
11G-Ant2-2462-PASS



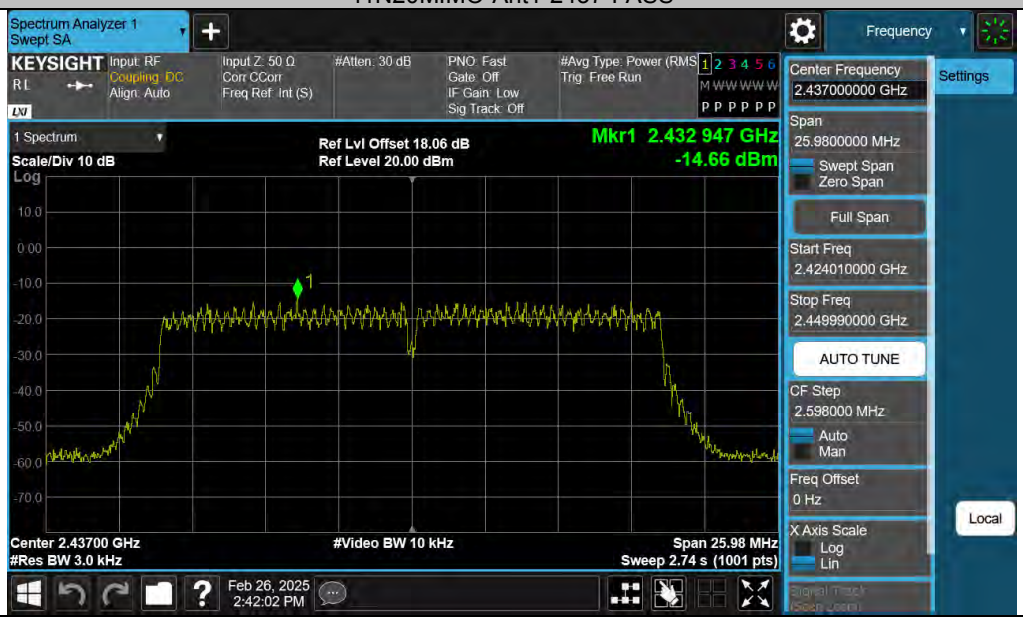
11N20MIMO-Ant1-2412-PASS



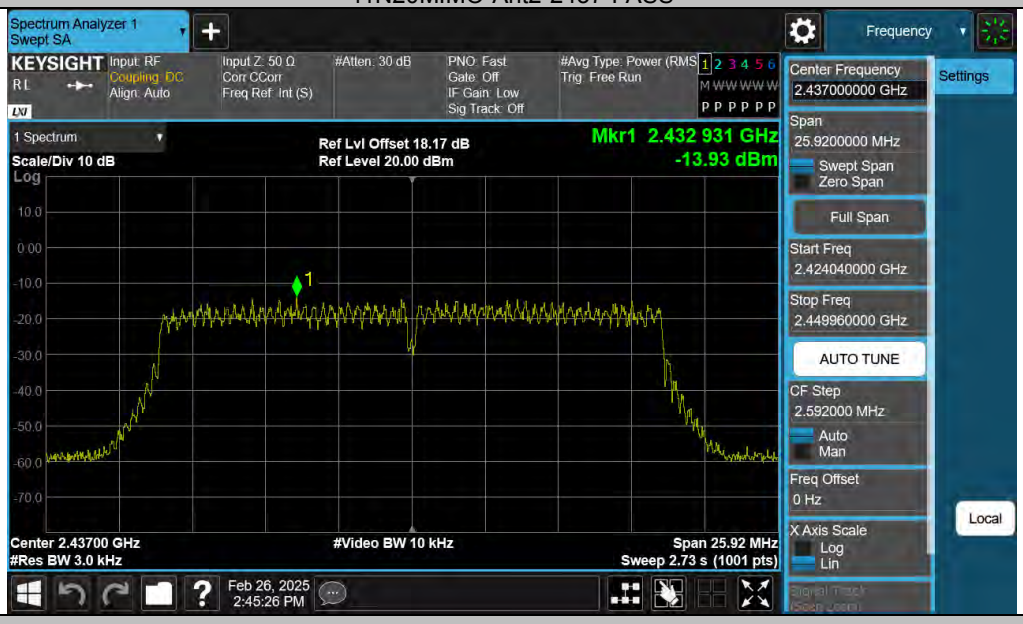
11N20MIMO-Ant2-2412-PASS



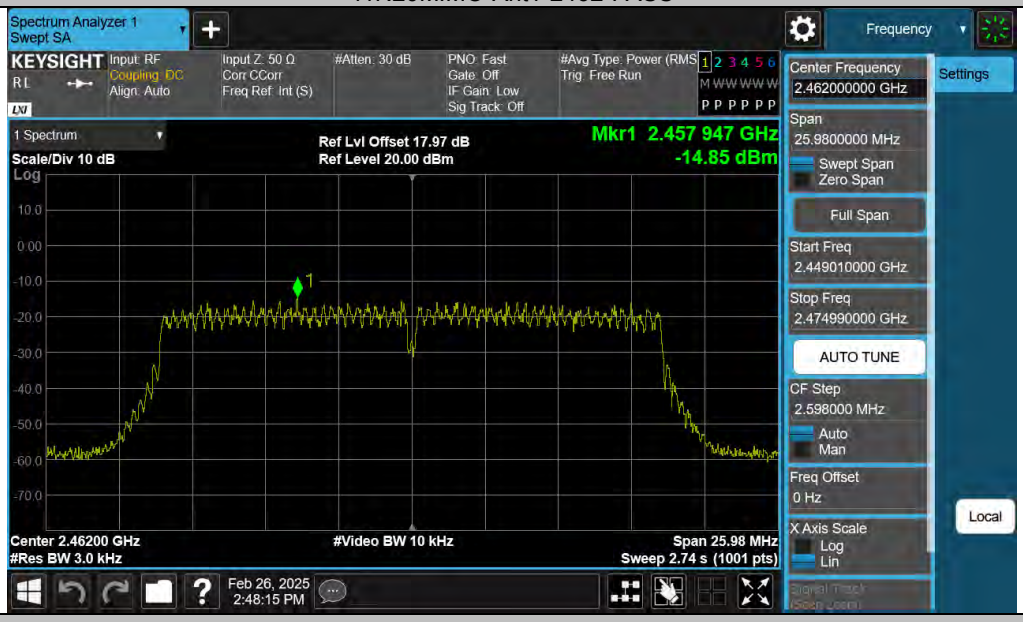
11N20MIMO-Ant1-2437-PASS



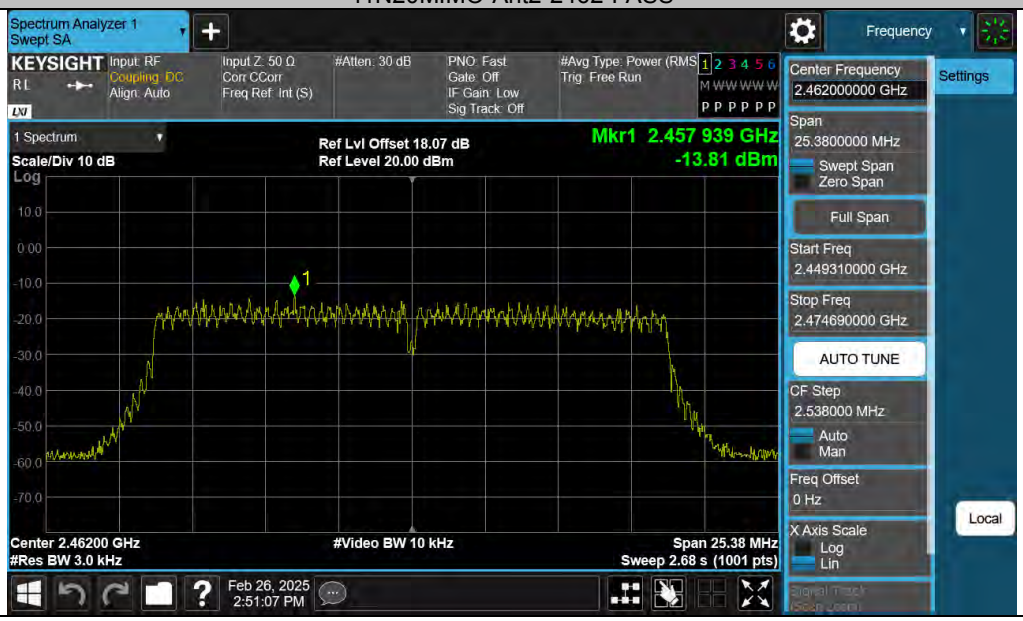
11N20MIMO-Ant2-2437-PASS



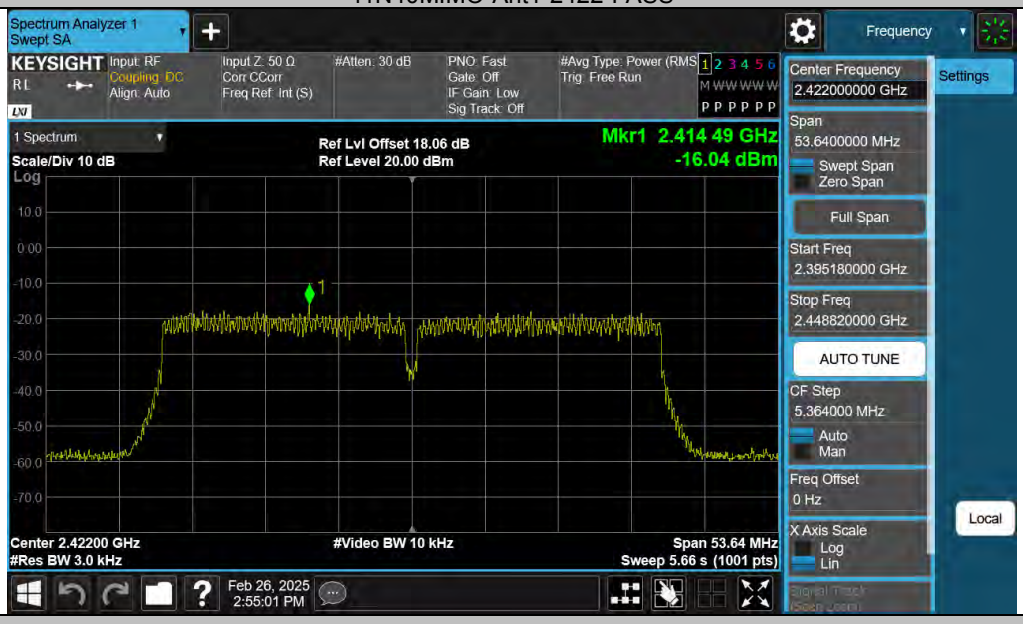
11N20MIMO-Ant1-2462-PASS



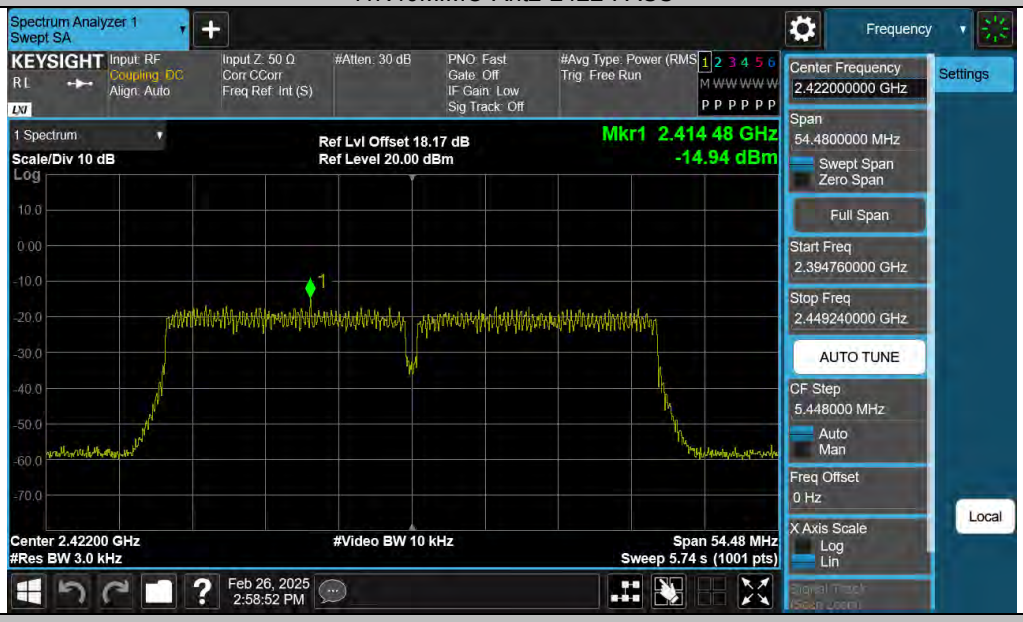
11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS

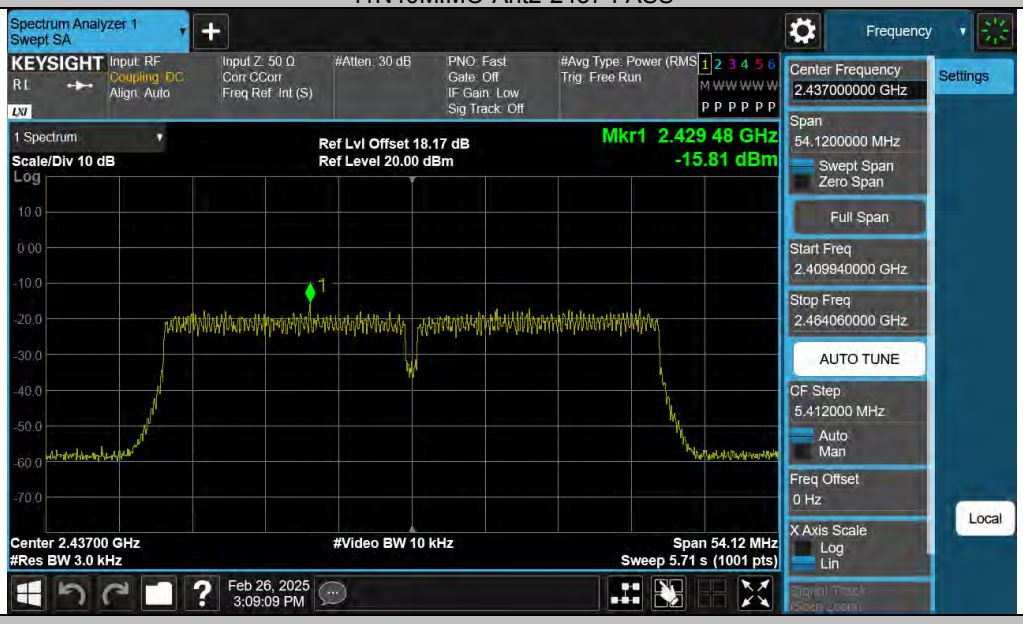


11N40MIMO-Ant2-2422-PASS

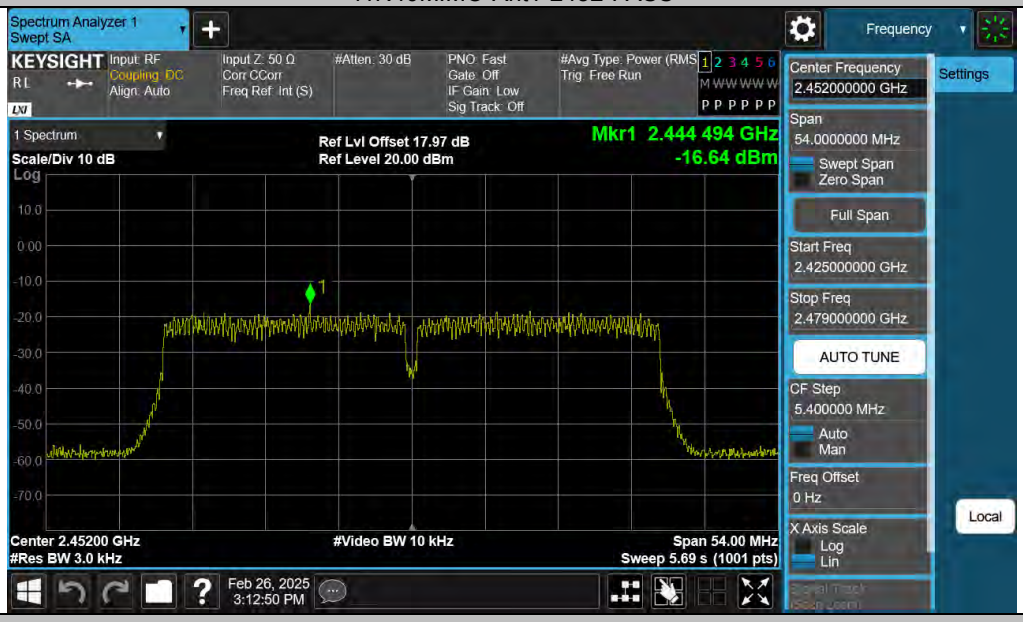


11N40MIMO-Ant1-2437-PASS

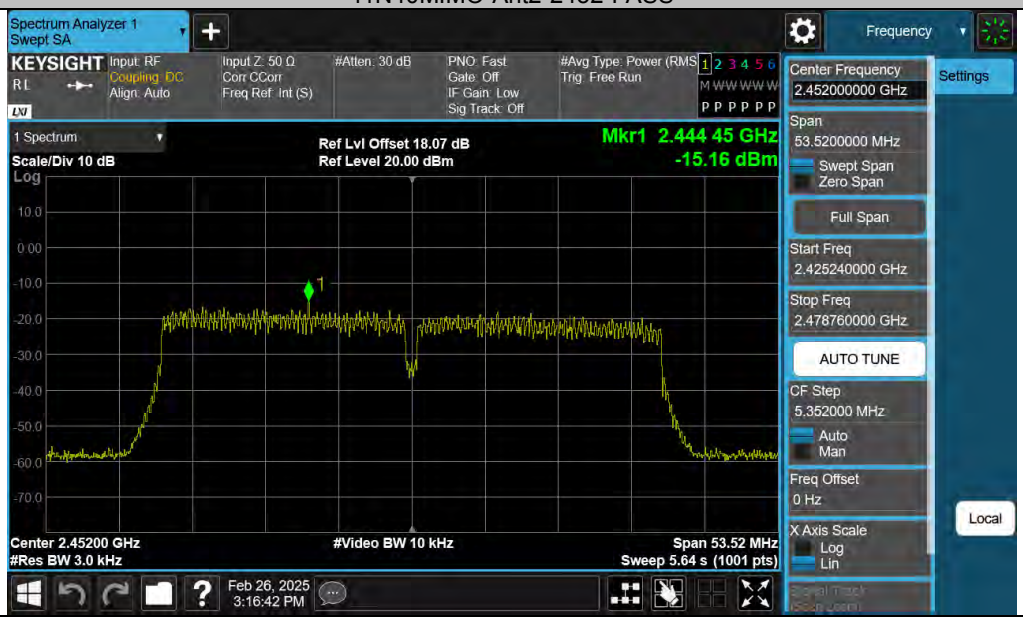
11N40MIMO-Ant2-2437-PASS



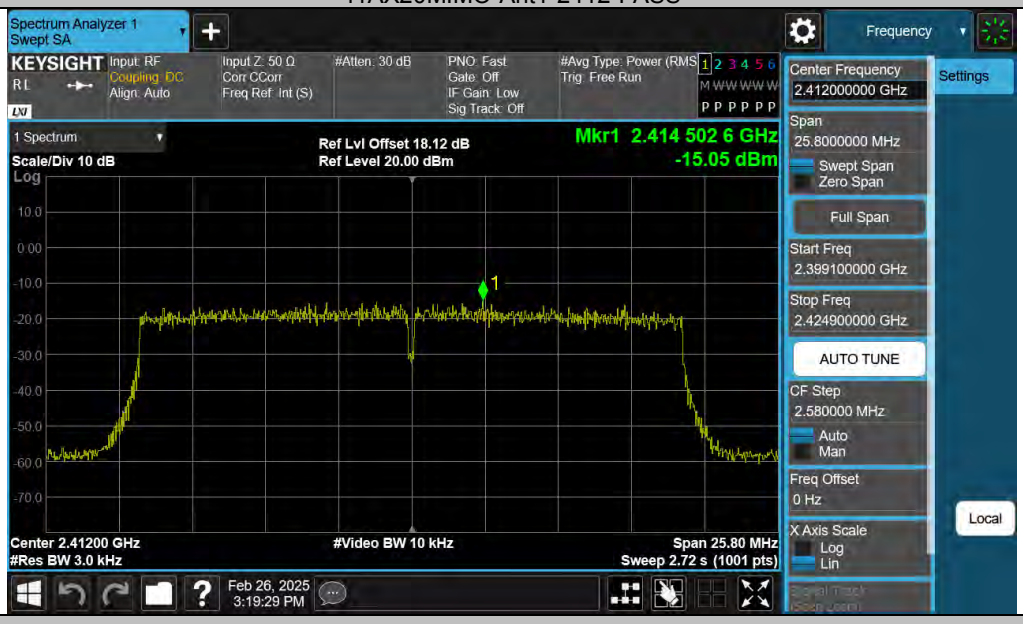
11N40MIMO-Ant1-2452-PASS



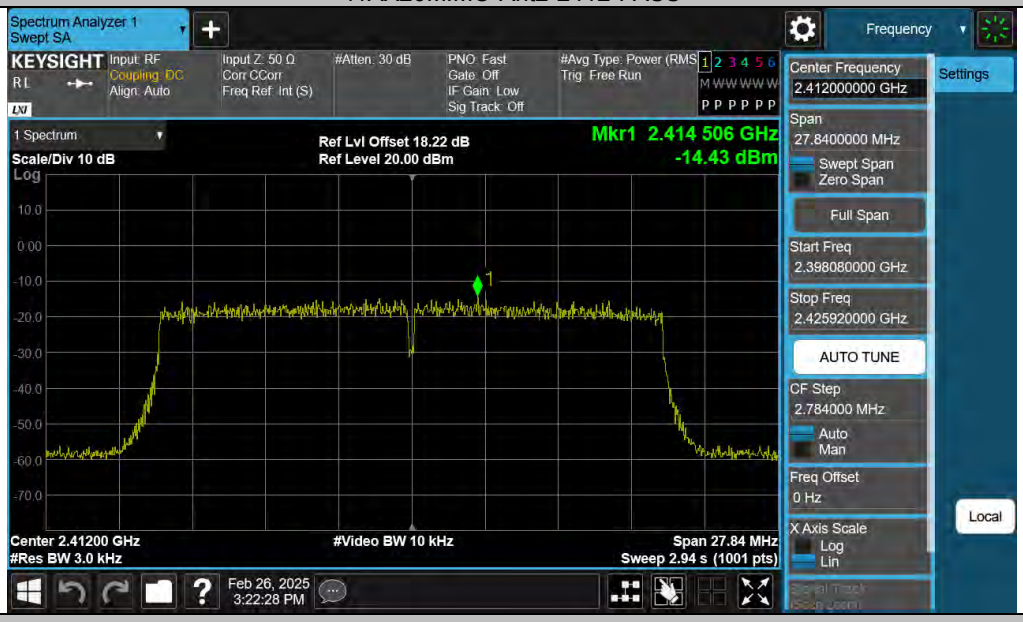
11N40MIMO-Ant2-2452-PASS



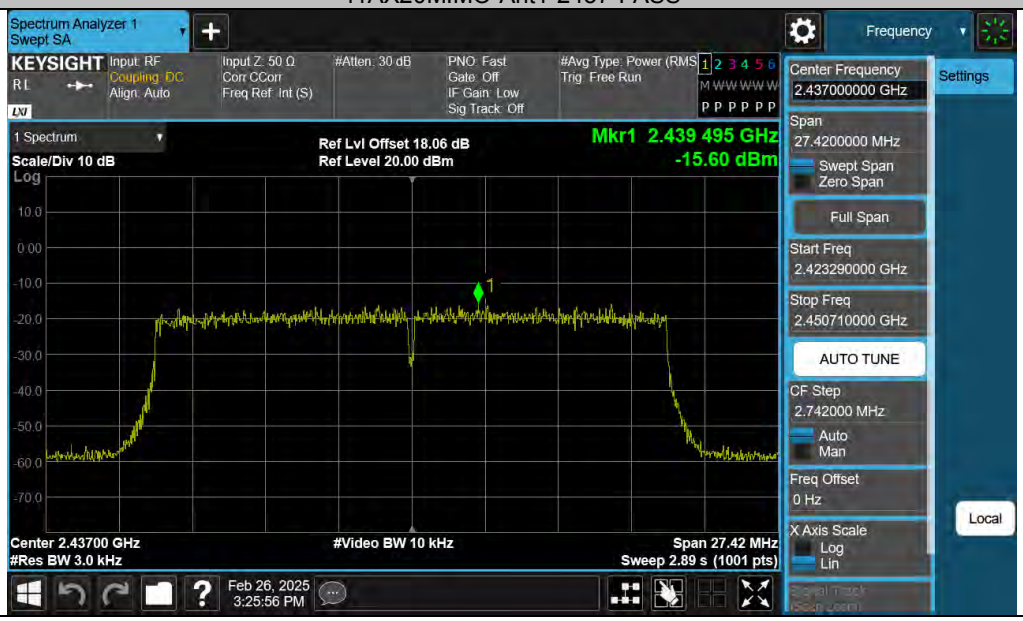
11AX20MIMO-Ant1-2412-PASS



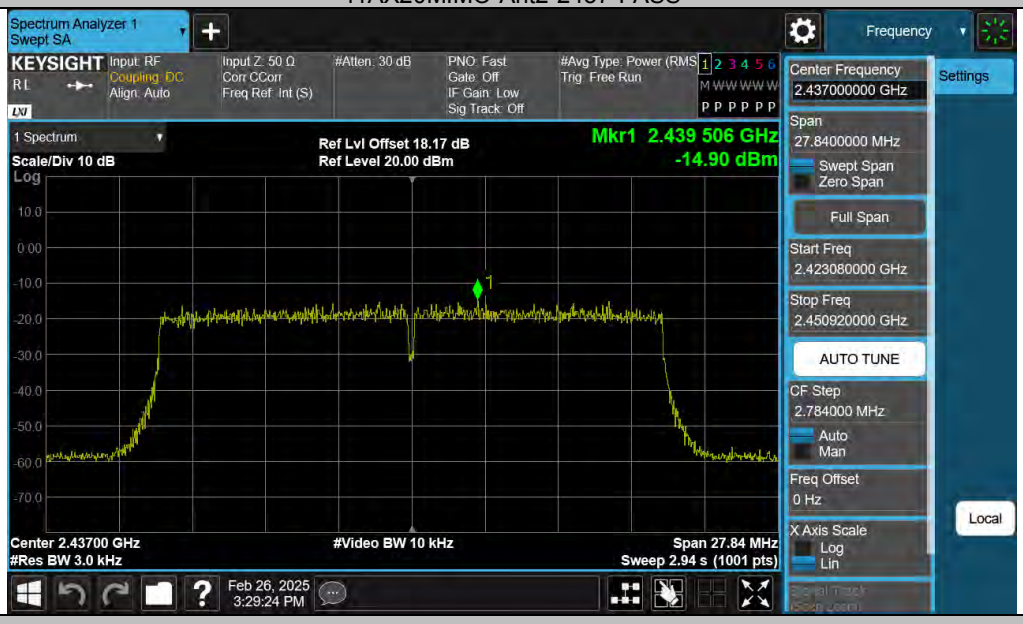
11AX20MIMO-Ant2-2412-PASS



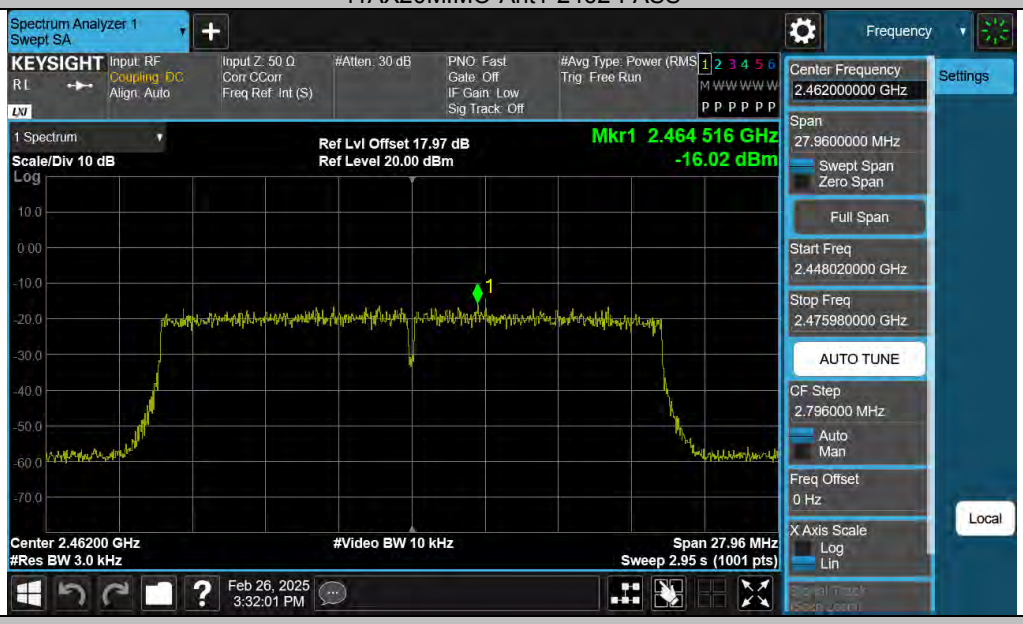
11AX20MIMO-Ant1-2437-PASS



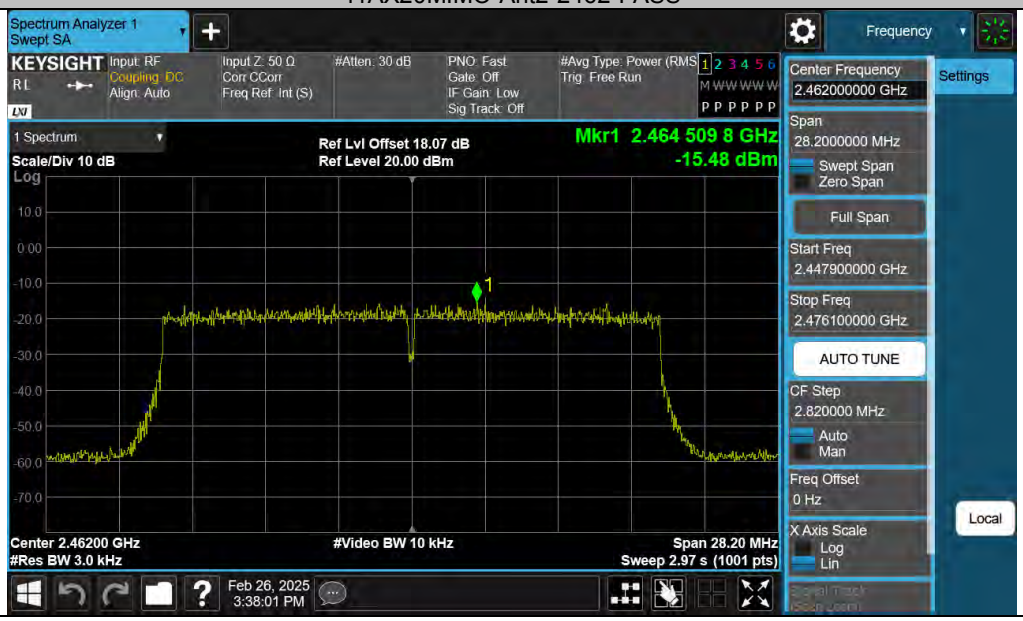
11AX20MIMO-Ant2-2437-PASS



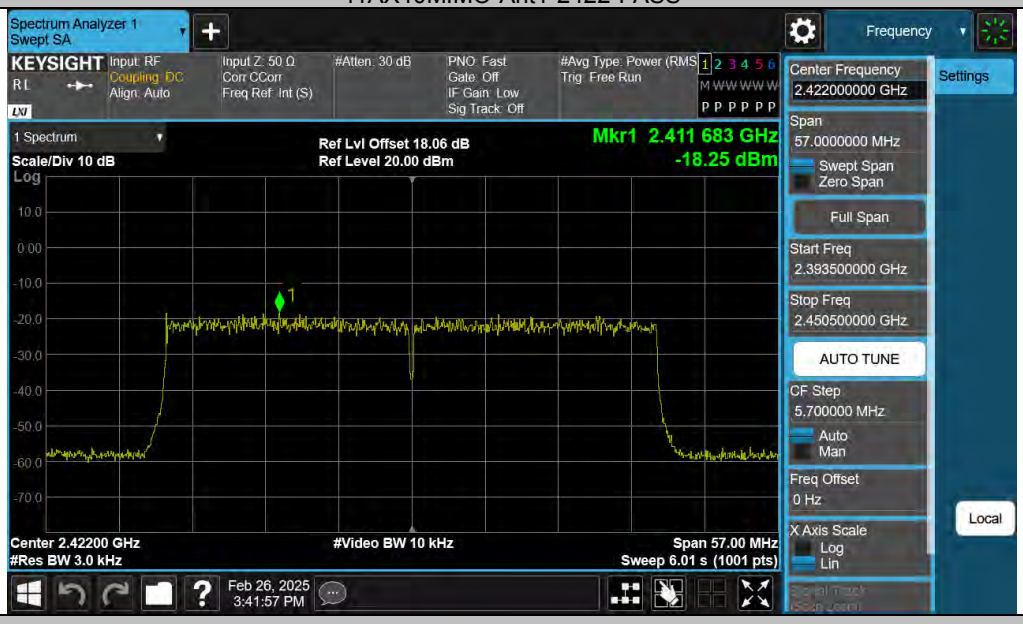
11AX20MIMO-Ant1-2462-PASS



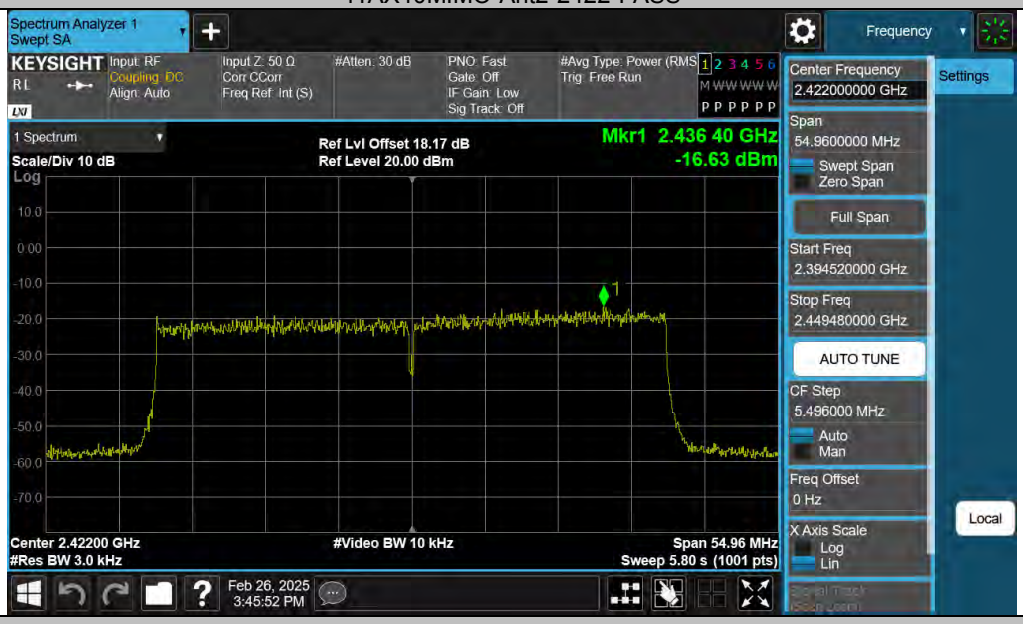
11AX20MIMO-Ant2-2462-PASS



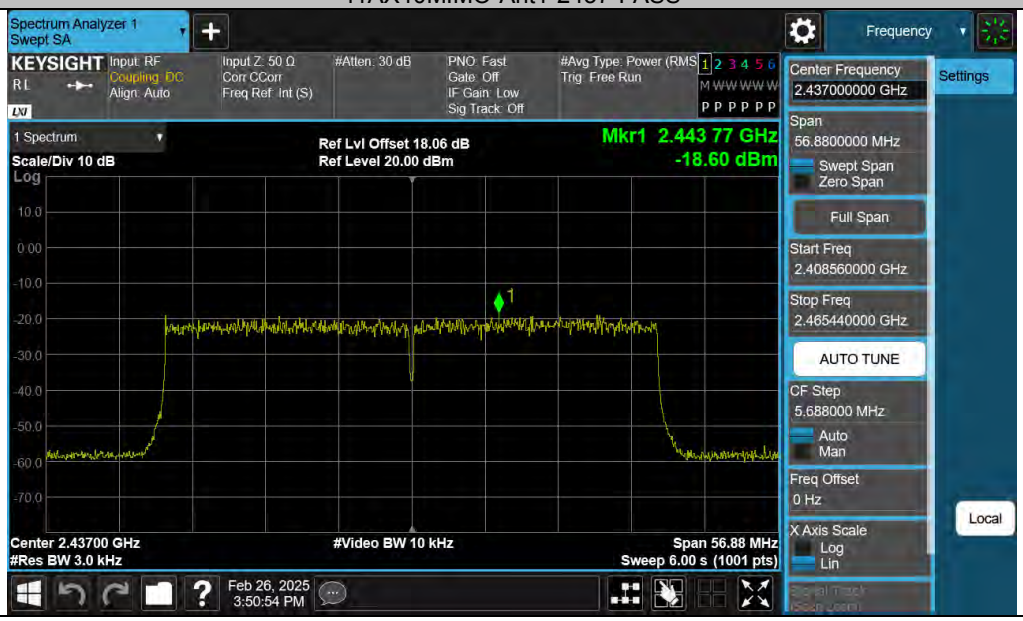
11AX40MIMO-Ant1-2422-PASS



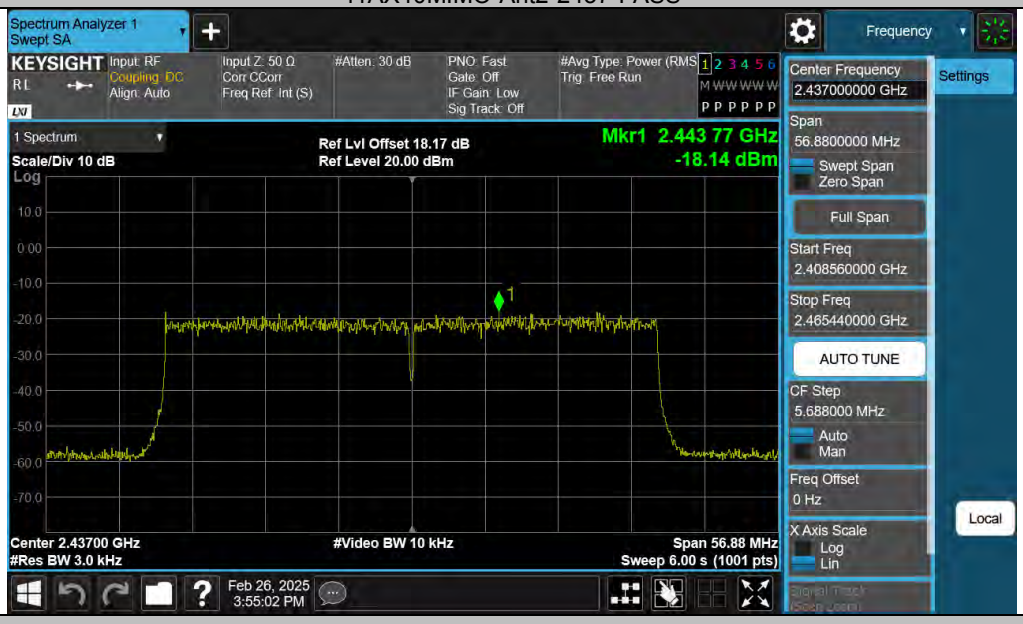
11AX40MIMO-Ant2-2422-PASS



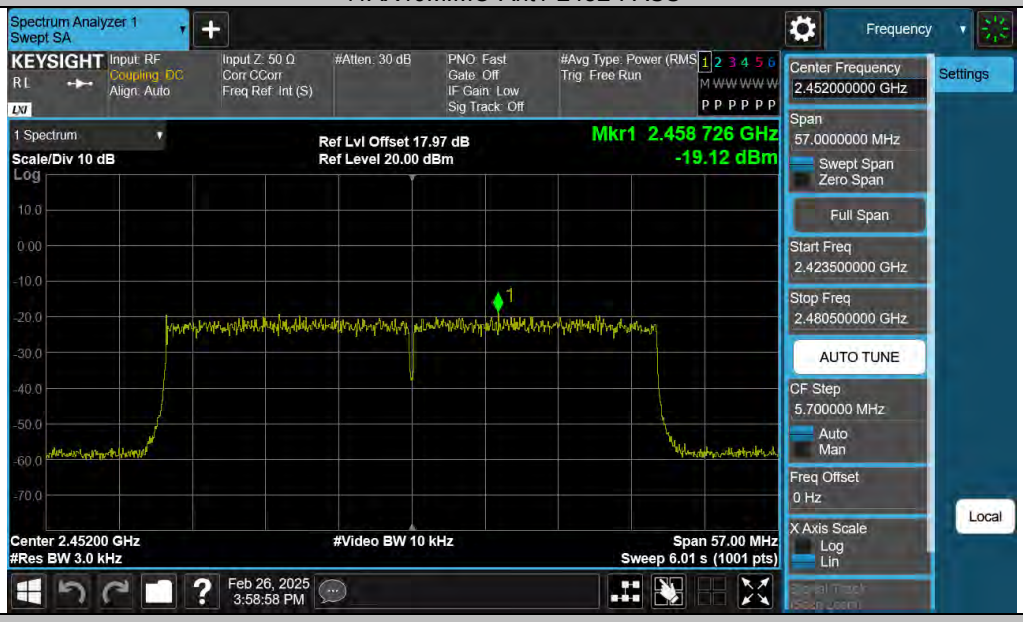
11AX40MIMO-Ant1-2437-PASS



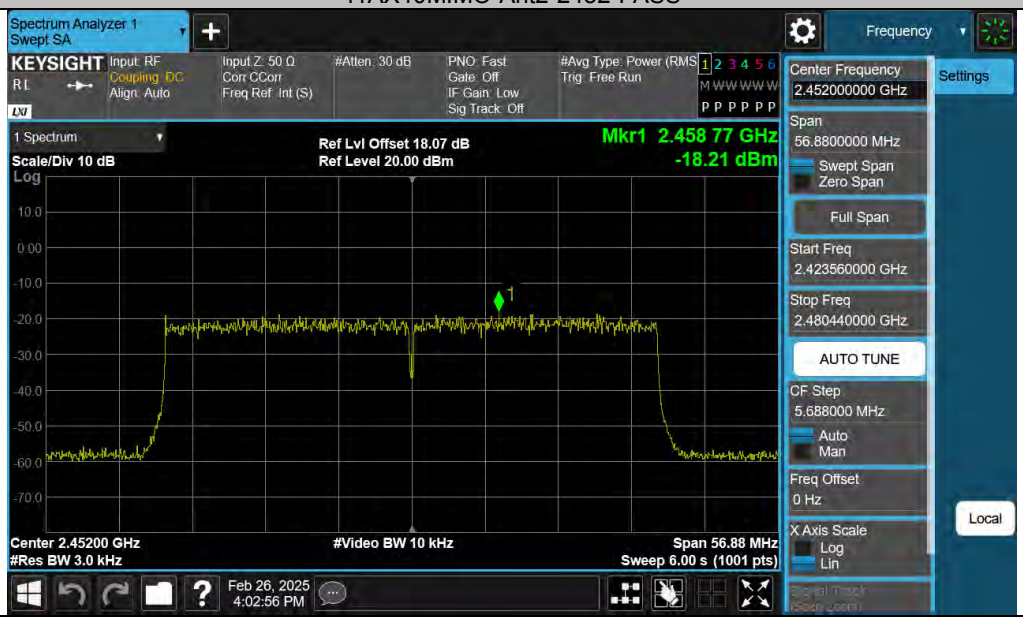
11AX40MIMO-Ant2-2437-PASS



11AX40MIMO-Ant1-2452-PASS



11AX40MIMO-Ant2-2452-PASS



Appendix E: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2413.50	1.67
11B	Ant2	2412	2413.49	2.94
11B	Ant1	2437	2434.99	1.21
11B	Ant2	2437	2437.98	2.14
11B	Ant1	2462	2463.49	1.15
11B	Ant2	2462	2462.98	2.26
11G	Ant1	2412	2409.48	-0.43
11G	Ant2	2412	2413.23	0.52
11G	Ant1	2437	2438.25	-0.54
11G	Ant2	2437	2435.70	-0.42
11G	Ant1	2462	2460.73	-1.21
11G	Ant2	2462	2464.49	-0.30
11N20MIMO	Ant1	2412	2413.27	0.13
11N20MIMO	Ant2	2412	2414.50	0.35
11N20MIMO	Ant1	2437	2438.25	-0.47
11N20MIMO	Ant2	2437	2441.98	0.02
11N20MIMO	Ant1	2462	2460.73	-1.20
11N20MIMO	Ant2	2462	2458.22	-0.63
11N40MIMO	Ant1	2422	2410.74	-3.14
11N40MIMO	Ant2	2422	2414.48	-2.36
11N40MIMO	Ant1	2437	2451.99	-3.49
11N40MIMO	Ant2	2437	2448.26	-2.26
11N40MIMO	Ant1	2452	2443.25	-3.61
11N40MIMO	Ant2	2452	2443.22	-1.88
11AX20MIMO	Ant1	2412	2410.74	-0.50
11AX20MIMO	Ant2	2412	2414.51	-0.05
11AX20MIMO	Ant1	2437	2441.96	-1.10
11AX20MIMO	Ant2	2437	2441.96	-0.72
11AX20MIMO	Ant1	2462	2460.74	-1.72
11AX20MIMO	Ant2	2462	2464.48	-0.64
11AX40MIMO	Ant1	2422	2410.71	-3.58
11AX40MIMO	Ant2	2422	2436.95	-1.54
11AX40MIMO	Ant1	2437	2448.26	-3.41
11AX40MIMO	Ant2	2437	2453.21	-3.37
11AX40MIMO	Ant1	2452	2443.28	-4.12
11AX40MIMO	Ant2	2452	2463.26	-3.51

Test Graphs

11B-Ant1-2412-PASS

11B-Ant2-2412-PASS

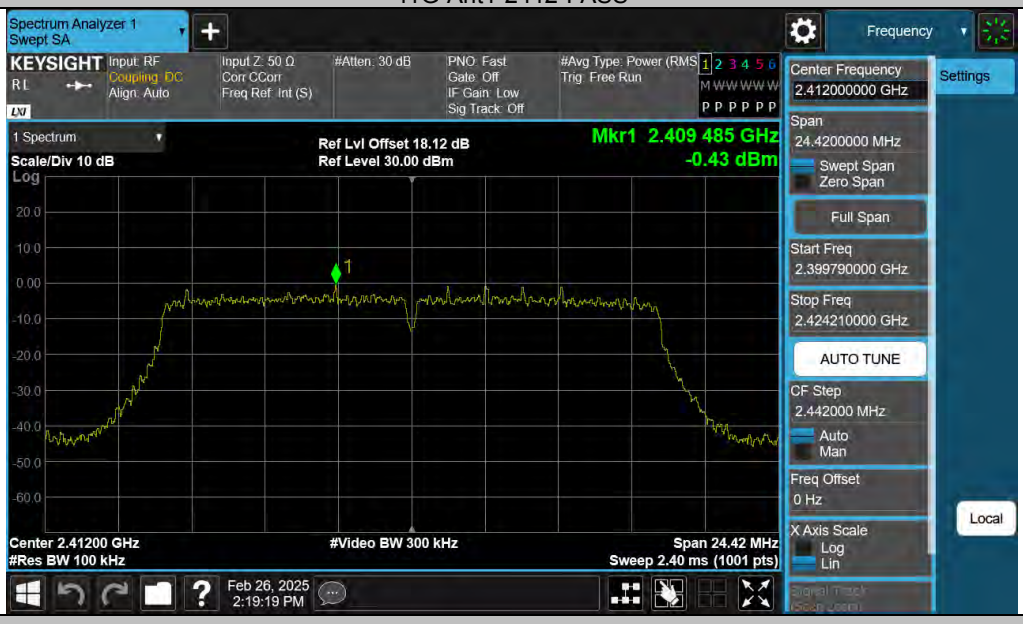
11B-Ant1-2437-PASS

11B-Ant2-2437-PASS

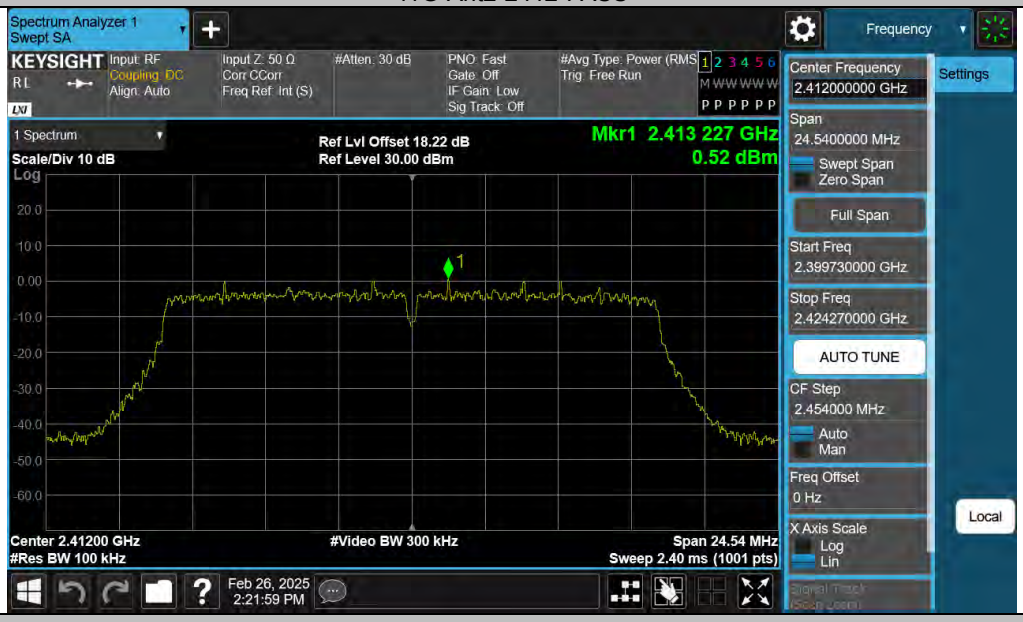
11B-Ant1-2462-PASS

11B-Ant2-2462-PASS

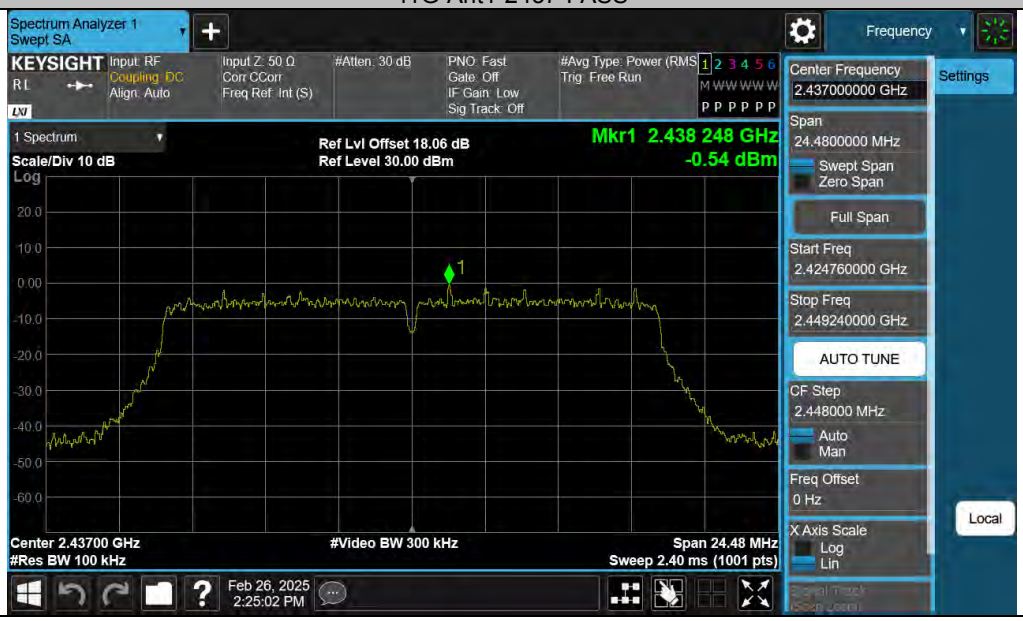
11G-Ant1-2412-PASS



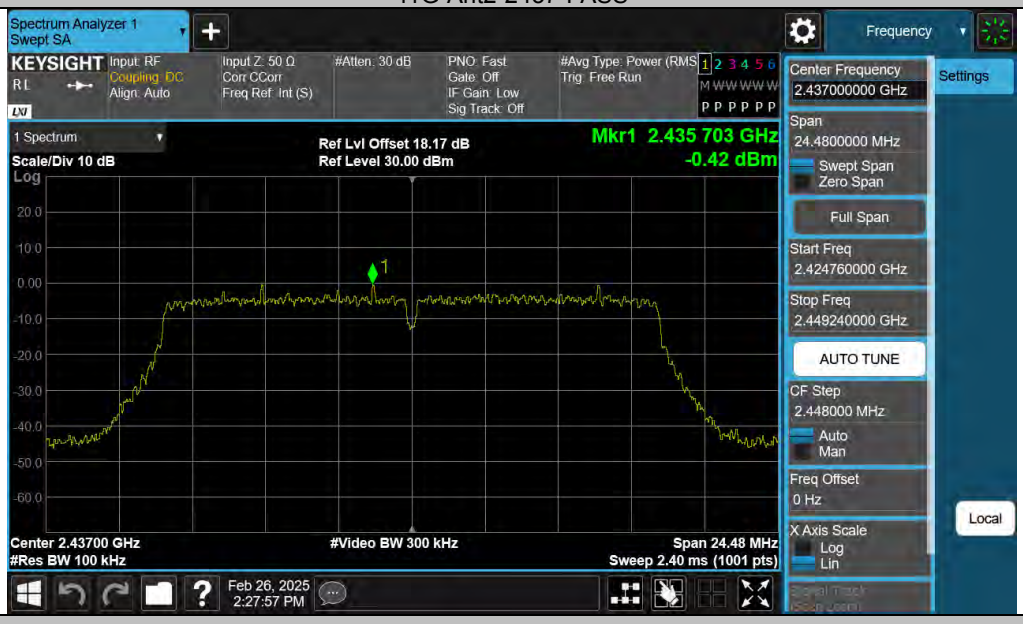
11G-Ant2-2412-PASS



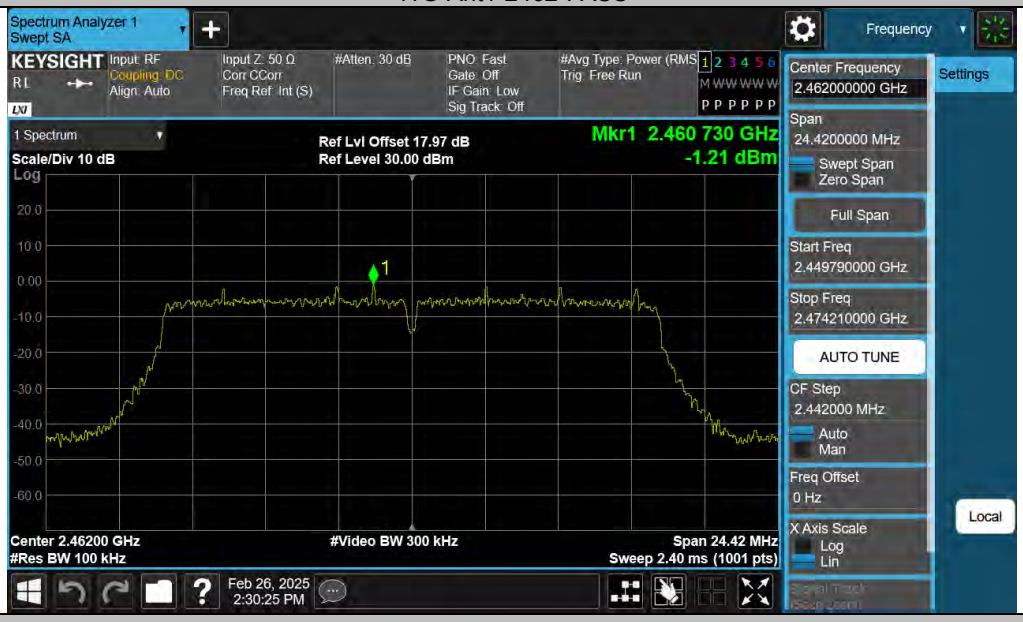
11G-Ant1-2437-PASS



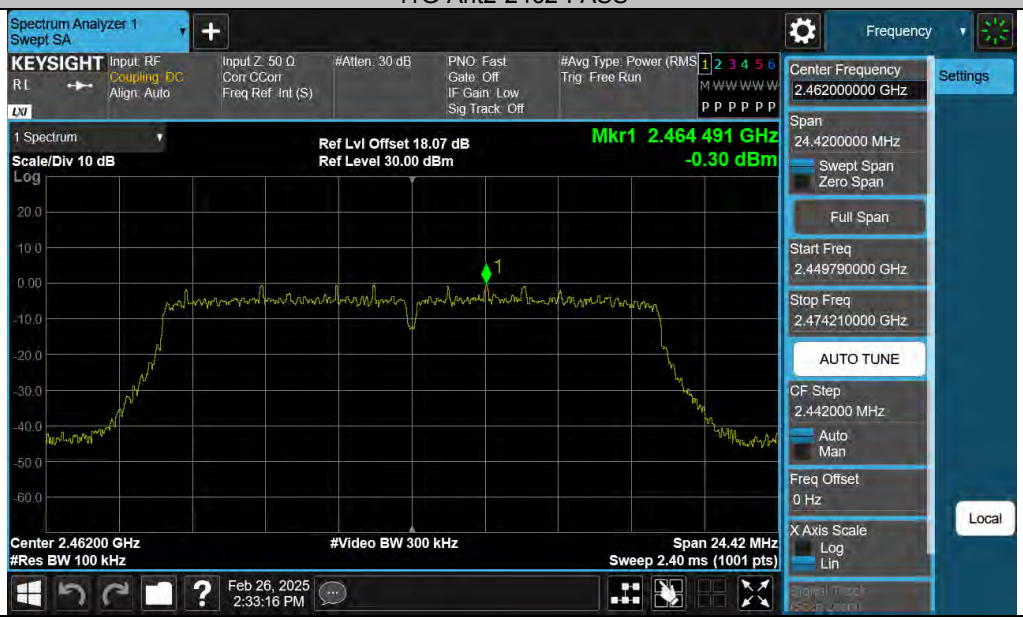
11G-Ant2-2437-PASS



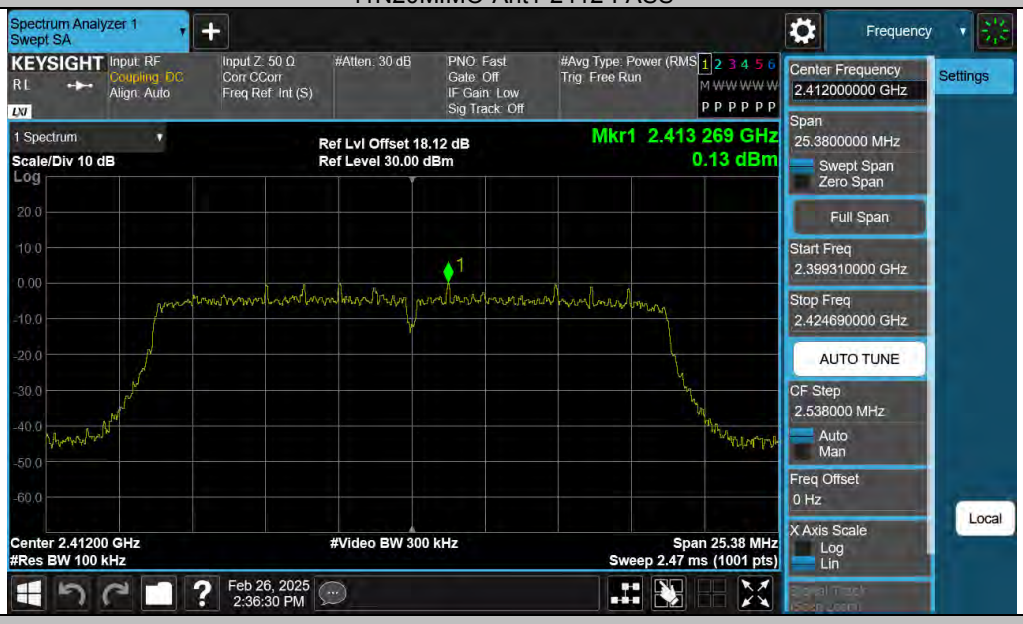
11G-Ant1-2462-PASS



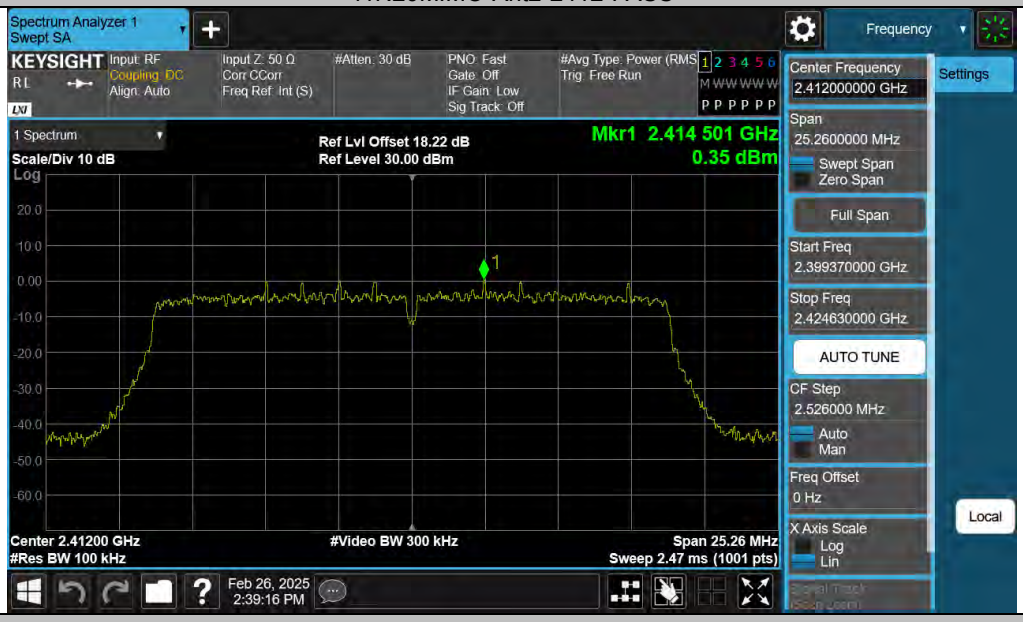
11G-Ant2-2462-PASS



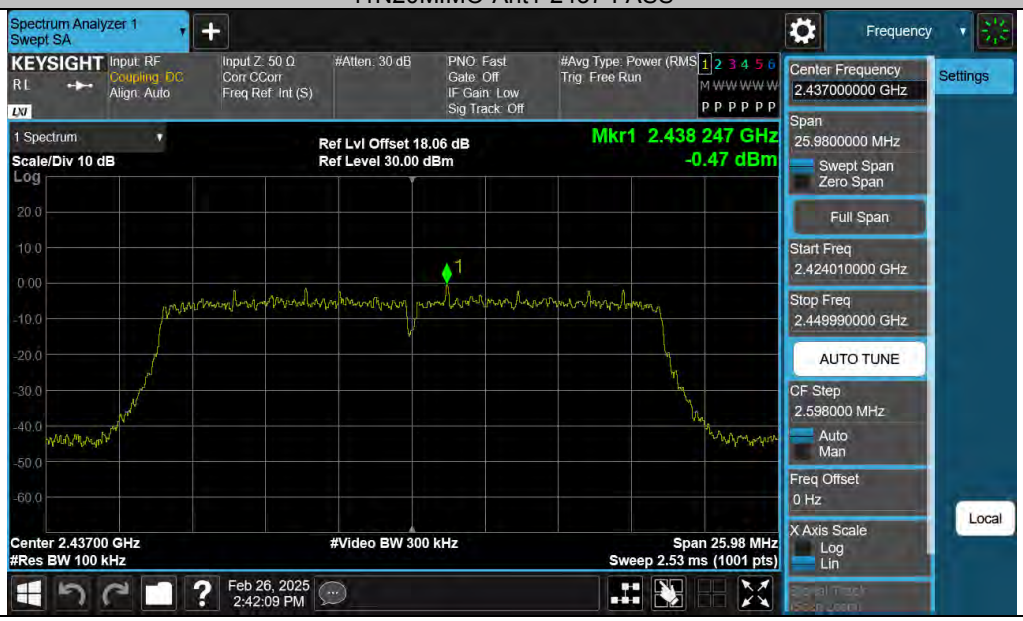
11N20MIMO-Ant1-2412-PASS



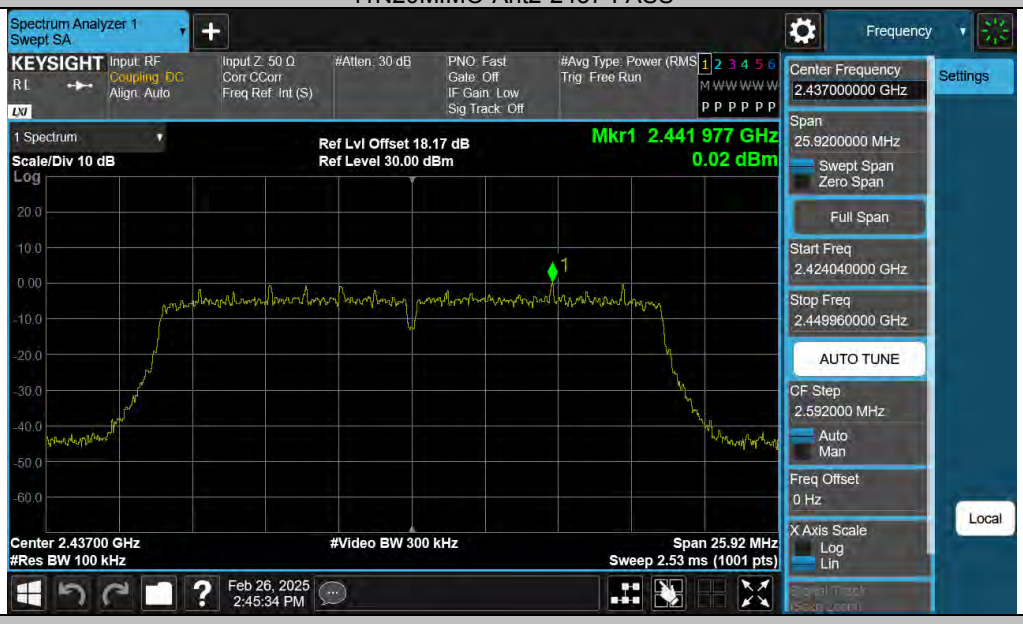
11N20MIMO-Ant2-2412-PASS



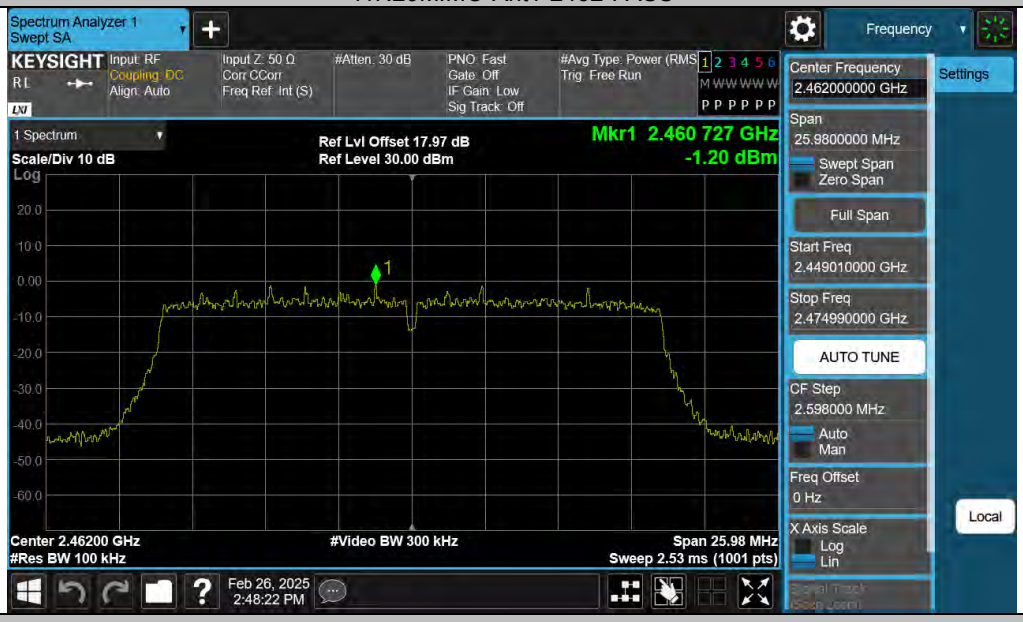
11N20MIMO-Ant1-2437-PASS



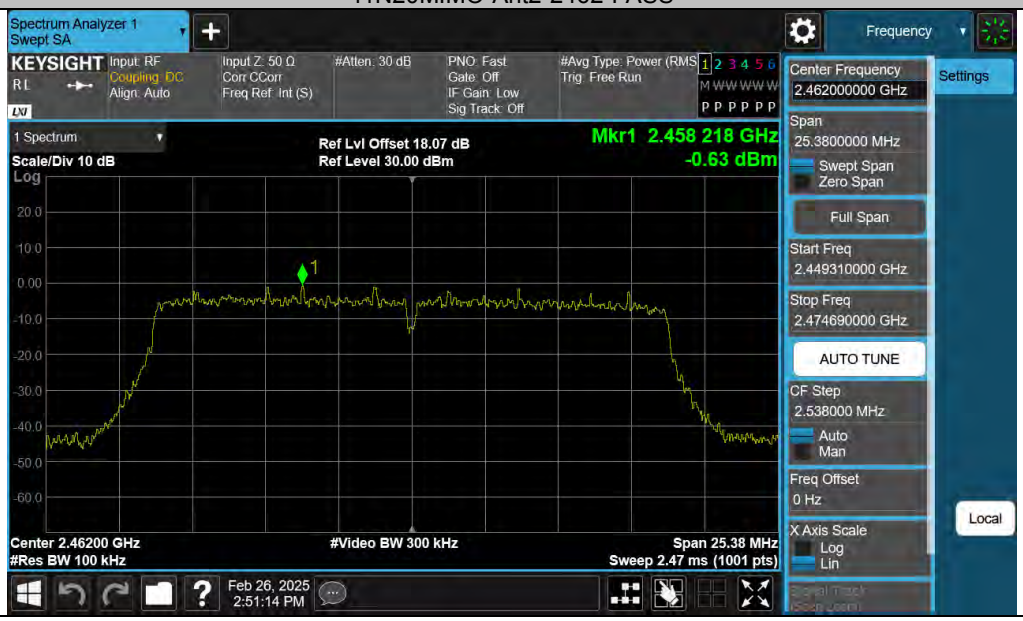
11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS

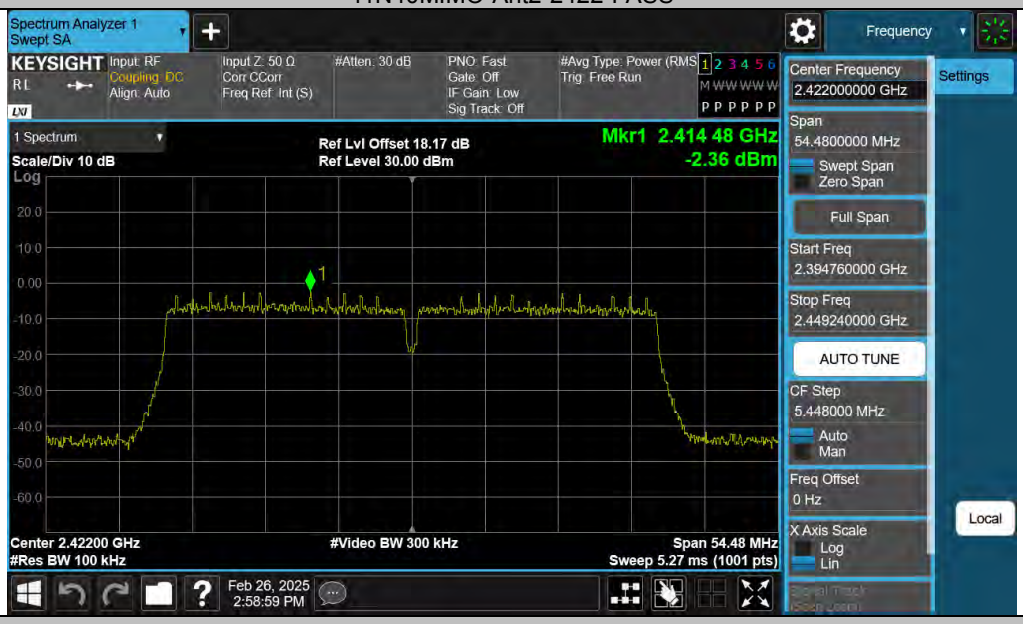


11N20MIMO-Ant2-2462-PASS

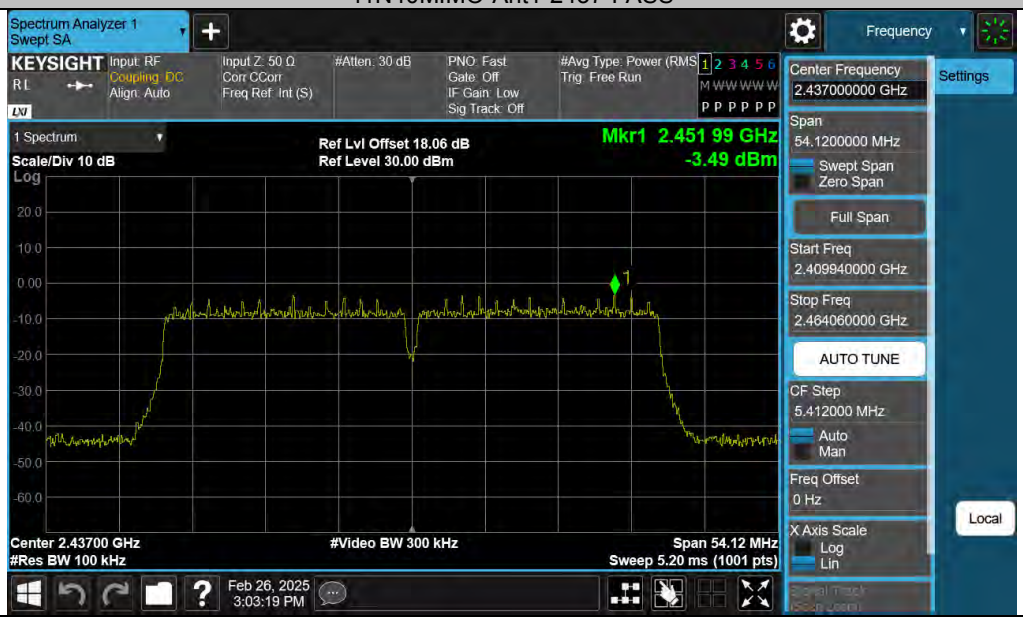


11N40MIMO-Ant1-2422-PASS

11N40MIMO-Ant2-2422-PASS



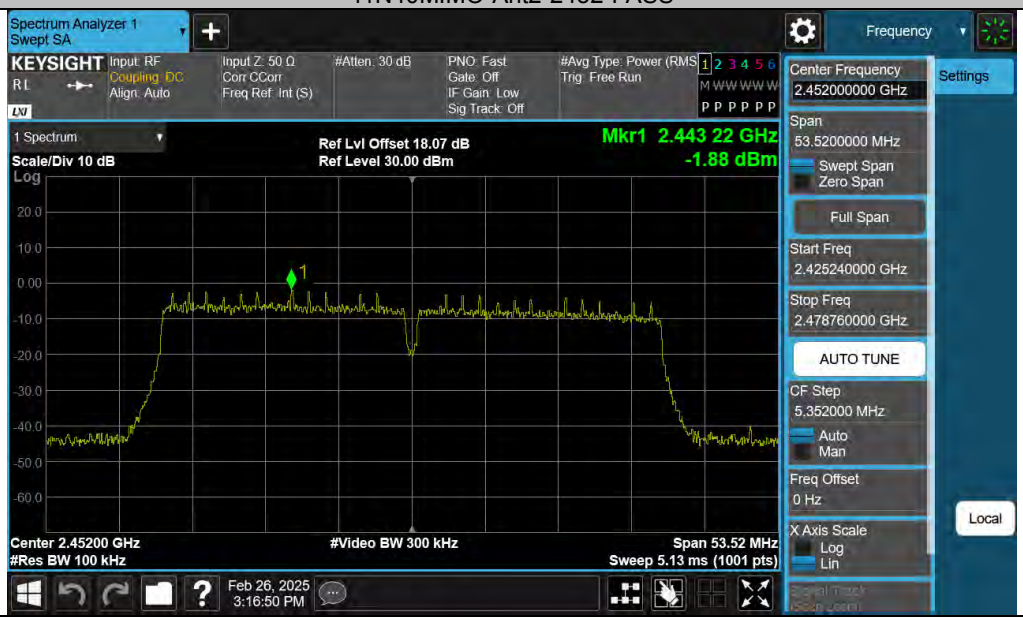
11N40MIMO-Ant1-2437-PASS



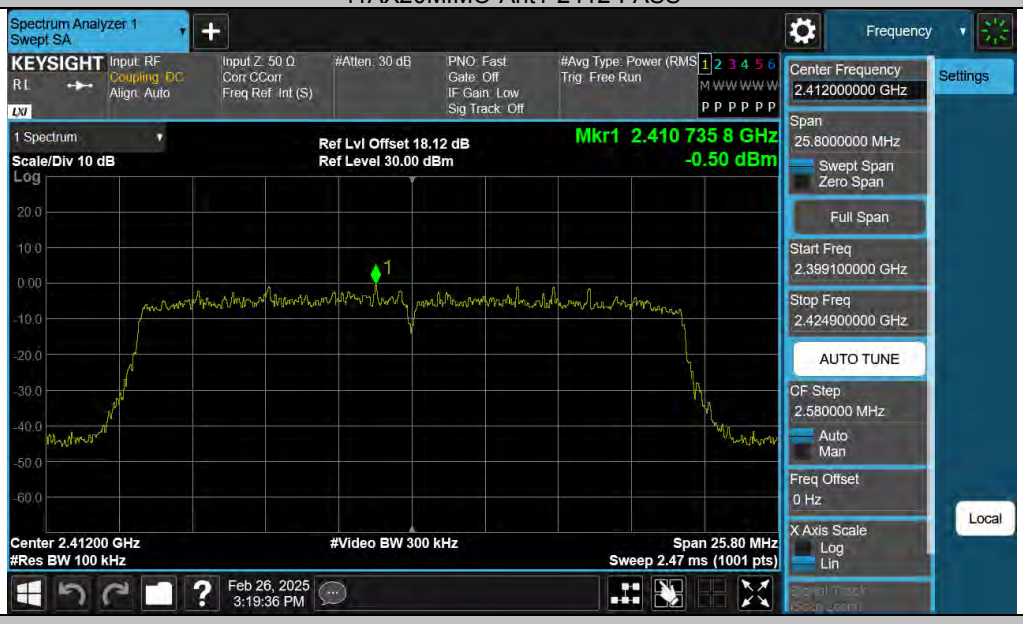
11N40MIMO-Ant2-2437-PASS

11N40MIMO-Ant1-2452-PASS

11N40MIMO-Ant2-2452-PASS

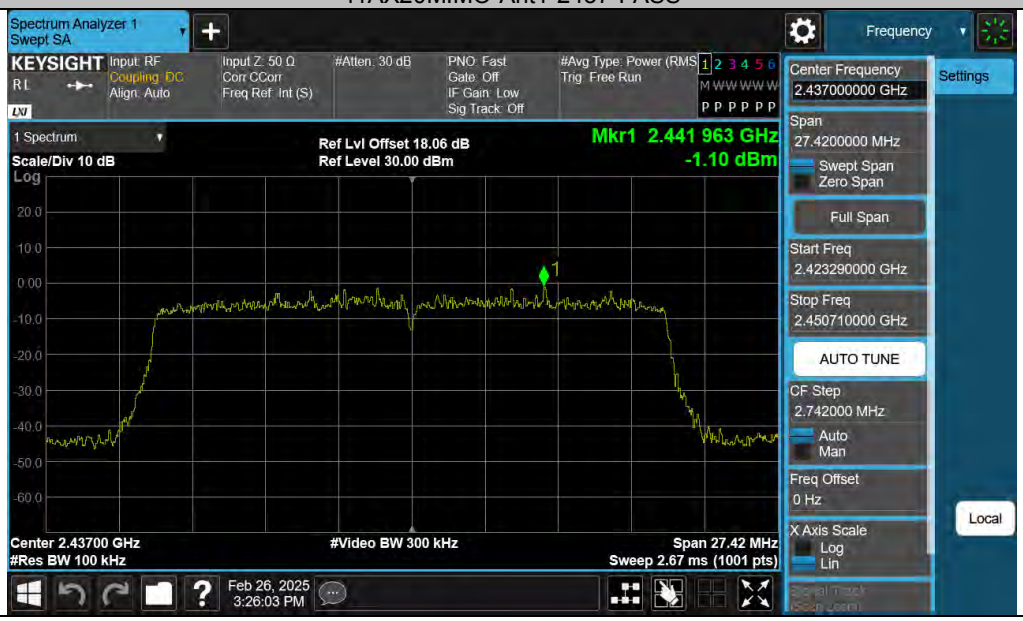


11AX20MIMO-Ant1-2412-PASS

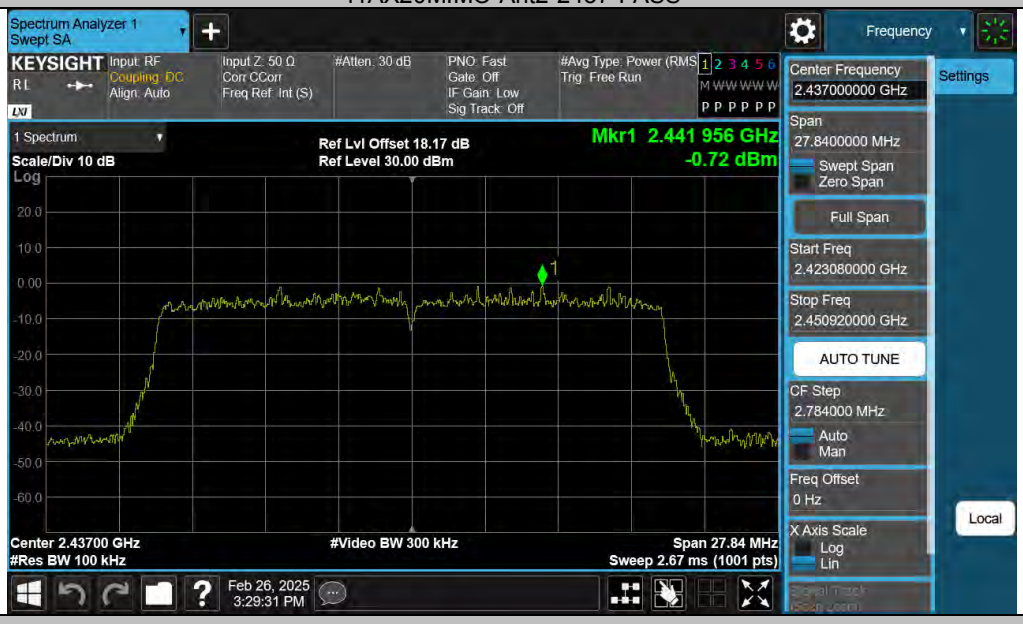


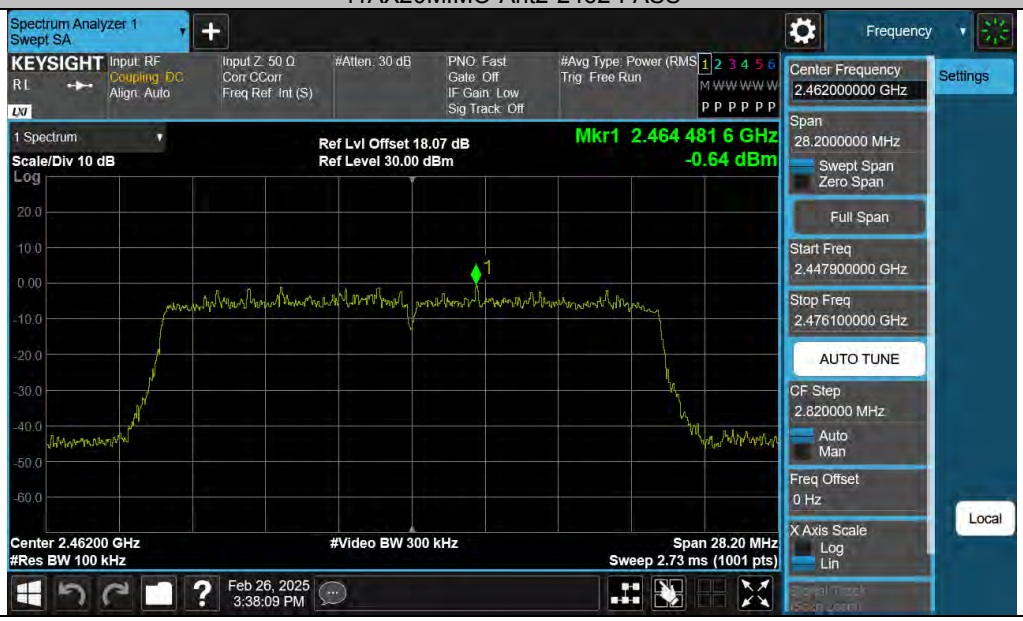
11AX20MIMO-Ant2-2412-PASS

11AX20MIMO-Ant1-2437-PASS



11AX20MIMO-Ant2-2437-PASS



11AX20MIMO-Ant1-2462-PASS

11AX20MIMO-Ant2-2462-PASS