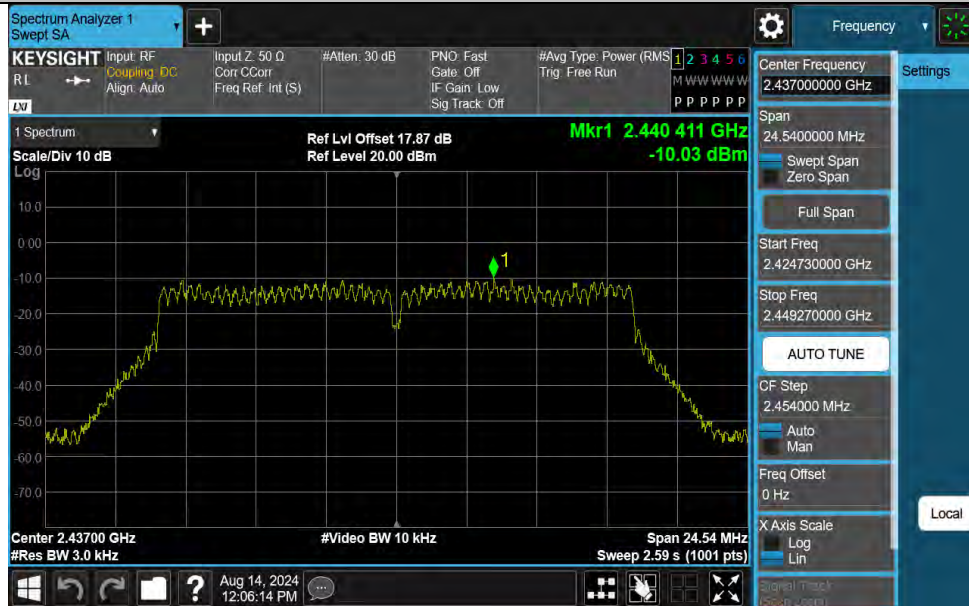
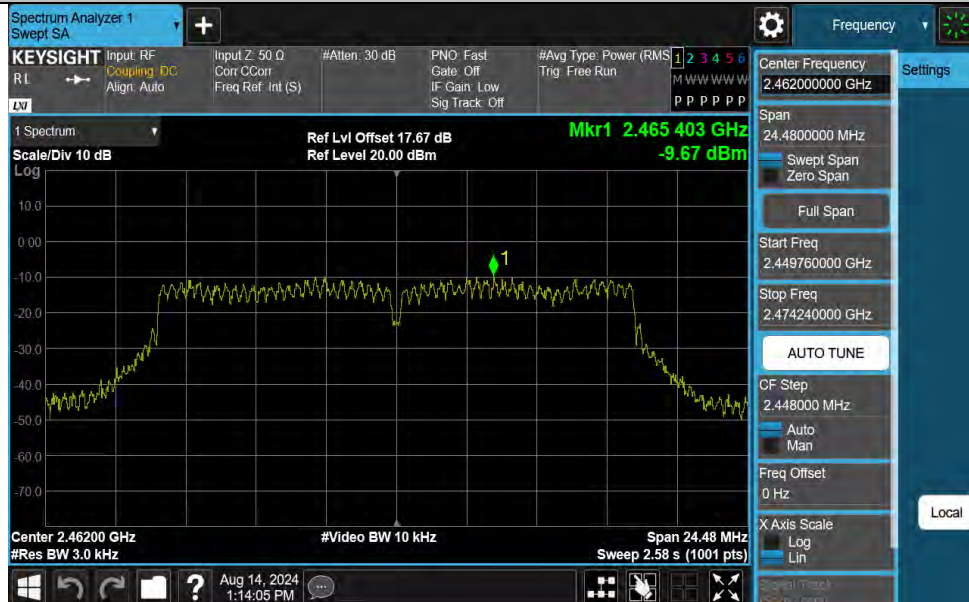


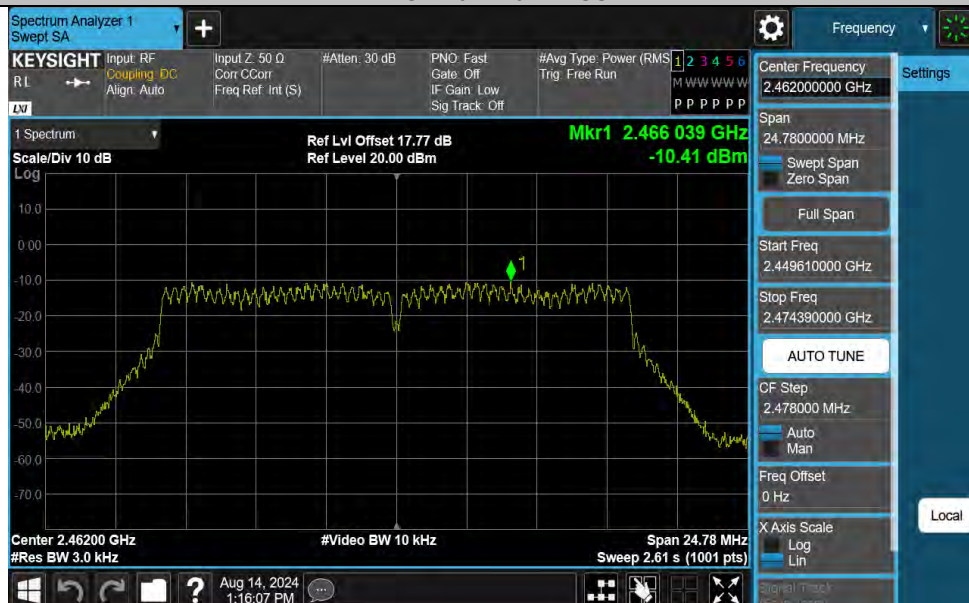
11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



11G-Ant2-2462-PASS



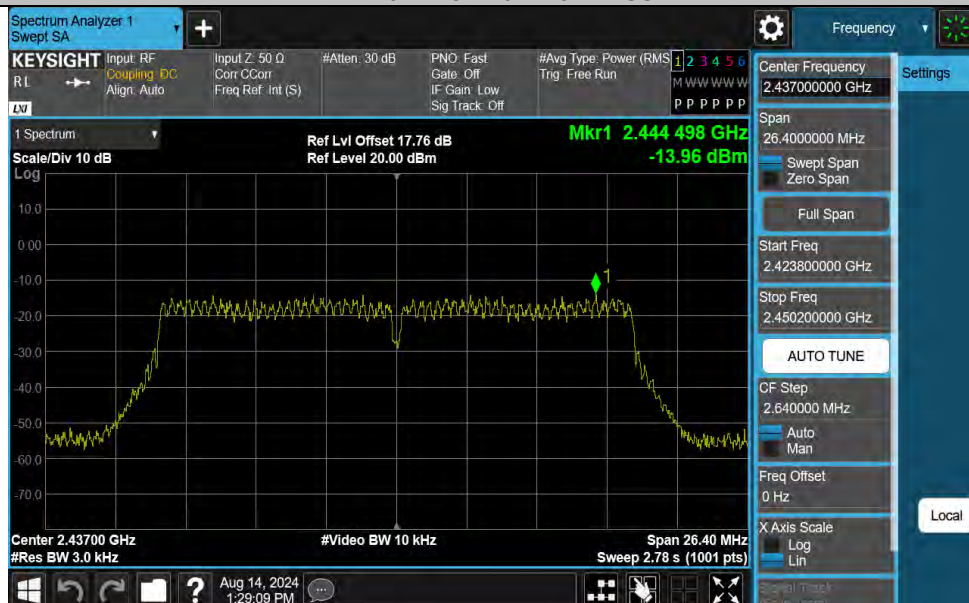
11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



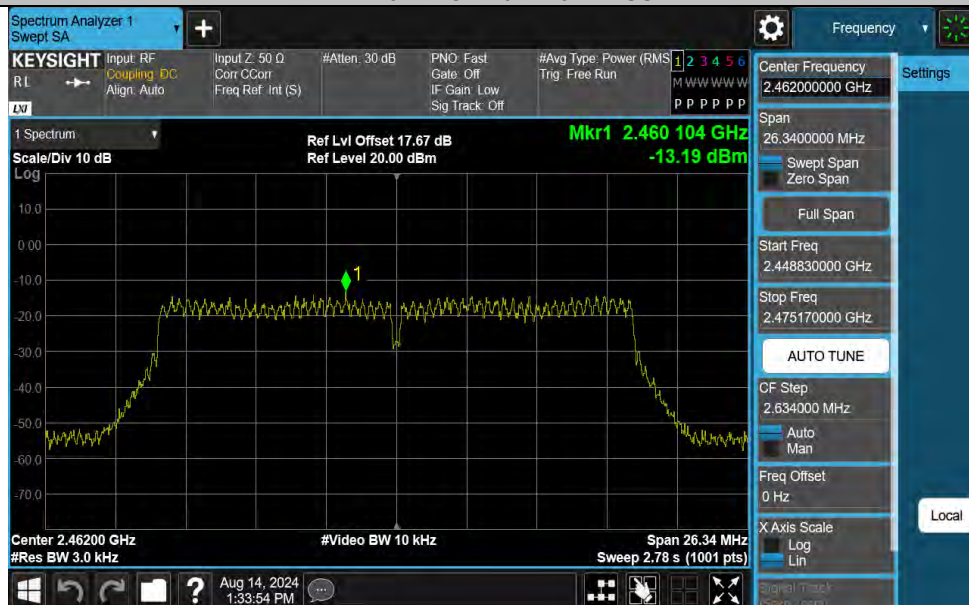
11N20MIMO-Ant1-2437-PASS



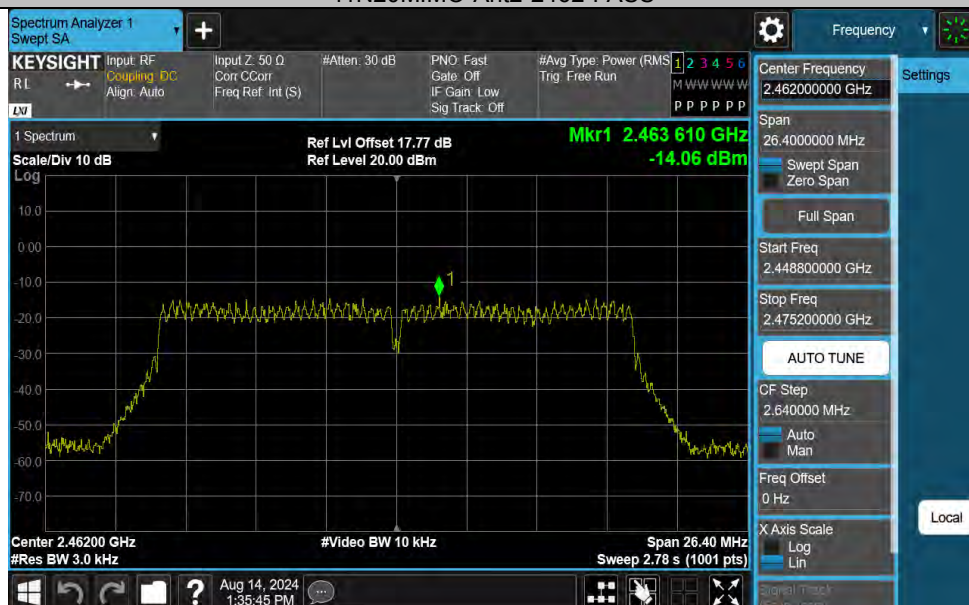
11N20MIMO-Ant2-2437-PASS



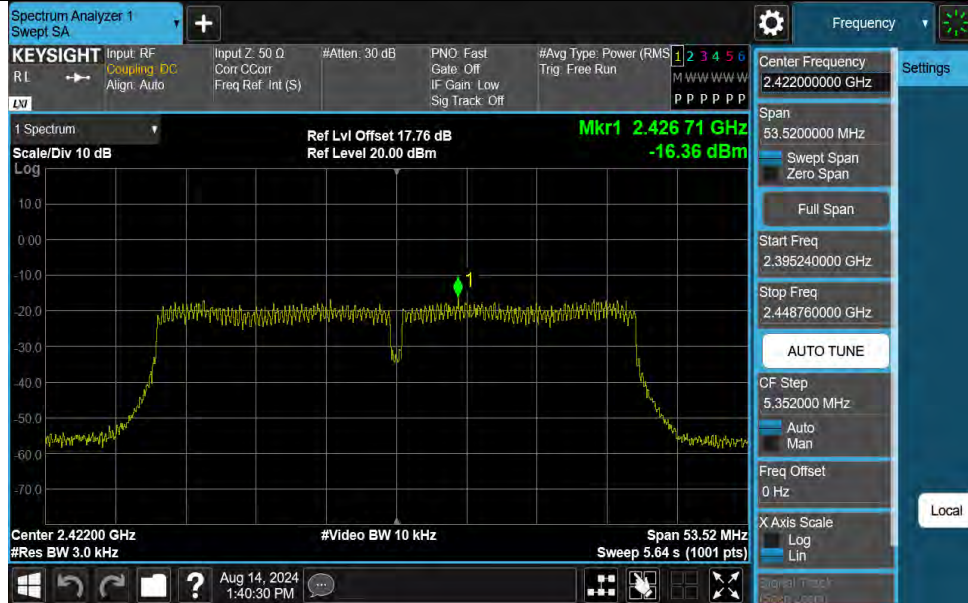
11N20MIMO-Ant1-2462-PASS



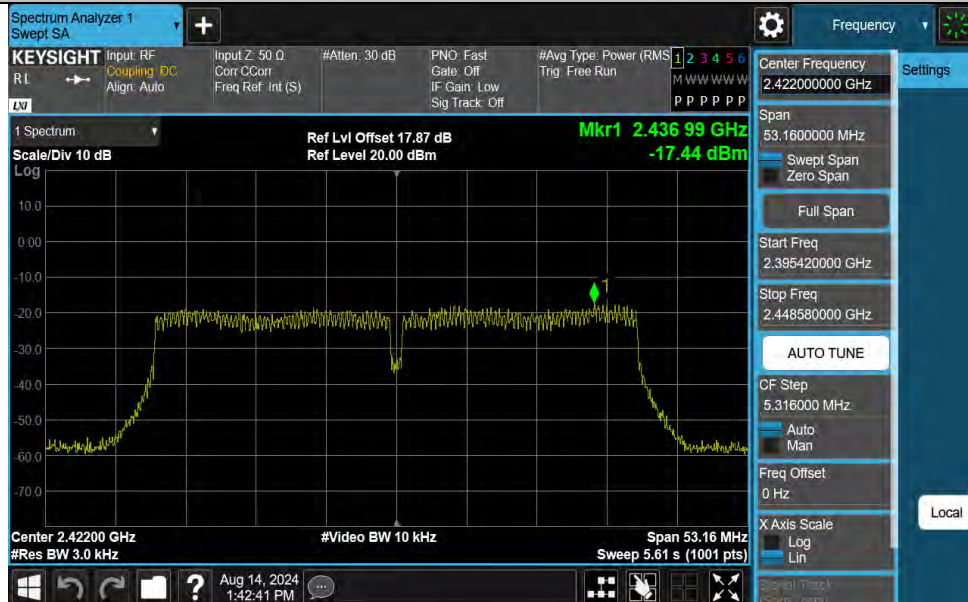
11N20MIMO-Ant2-2462-PASS



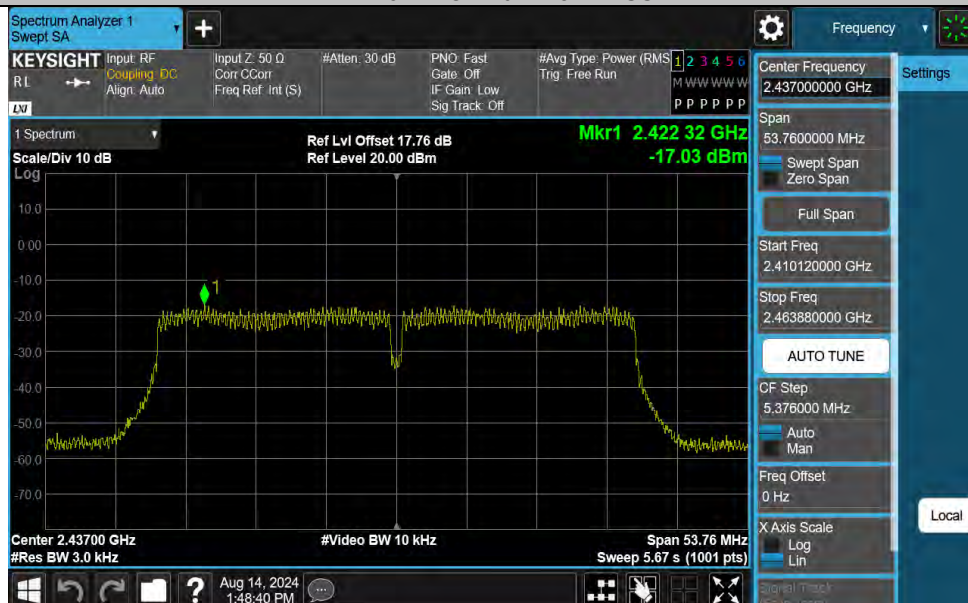
11N40MIMO-Ant1-2422-PASS



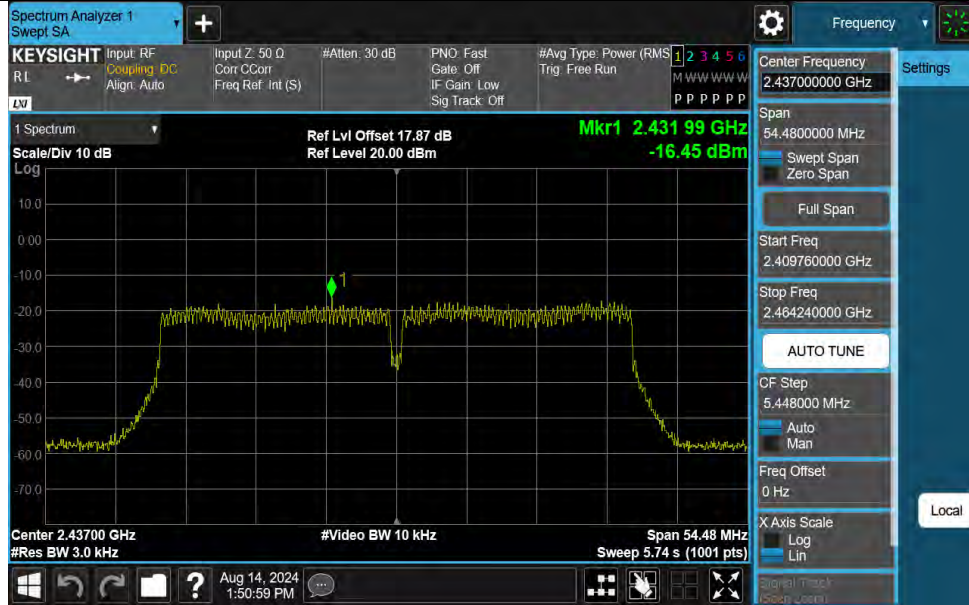
11N40MIMO-Ant2-2422-PASS



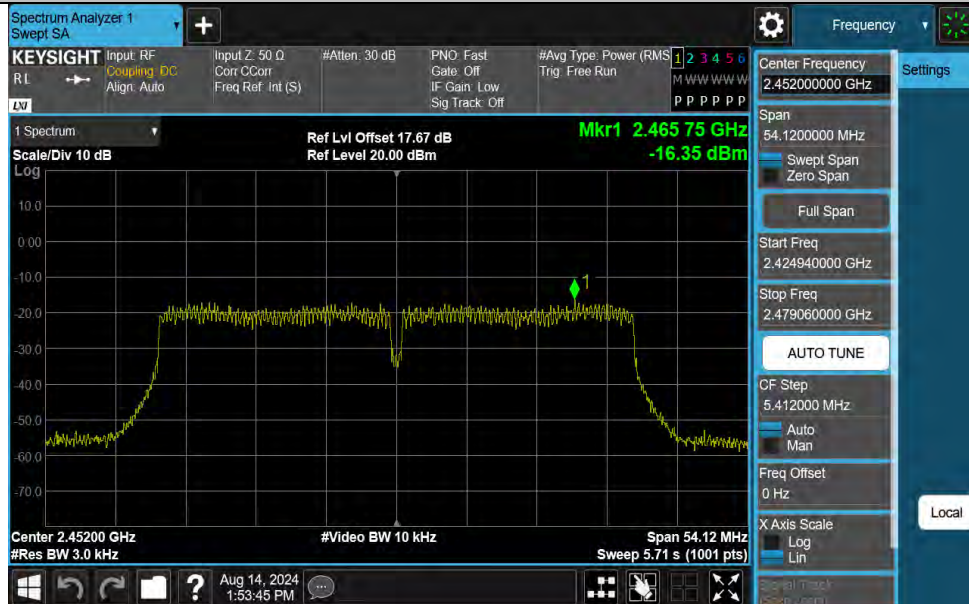
11N40MIMO-Ant1-2437-PASS



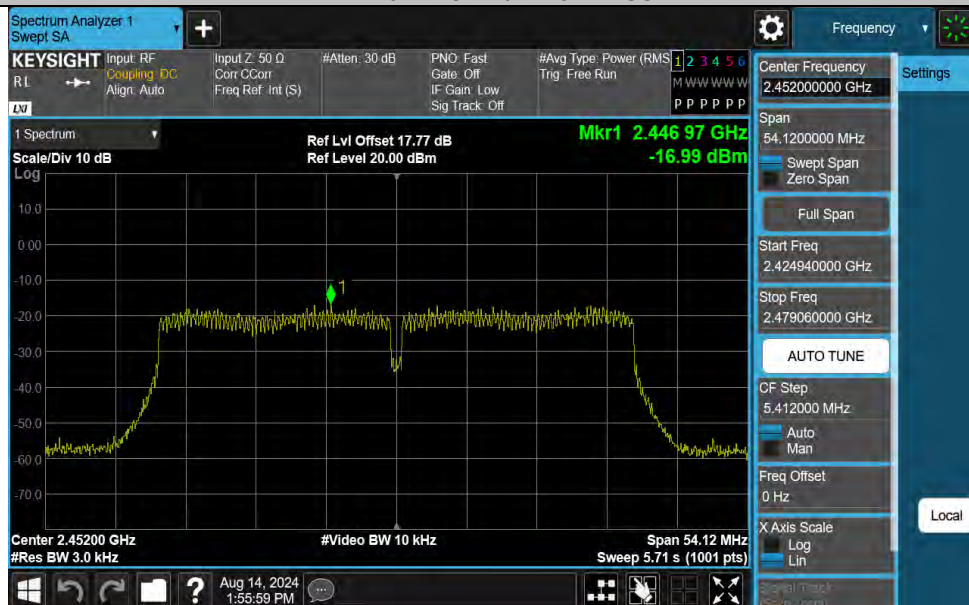
11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



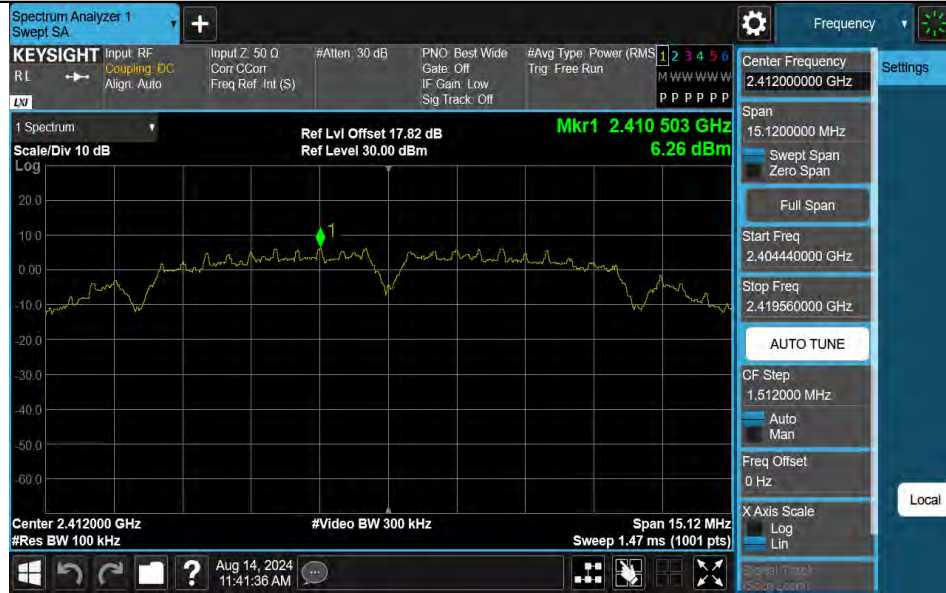
Appendix E: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.50	6.26
11B	Ant2	2412	2409.51	5.84
11B	Ant1	2437	2436.49	6.75
11B	Ant2	2437	2436.52	6.50
11B	Ant1	2462	2462.50	6.73
11B	Ant2	2462	2462.50	6.62
11G	Ant1	2412	2414.50	5.21
11G	Ant2	2412	2419.50	4.75
11G	Ant1	2437	2430.75	4.64
11G	Ant2	2437	2434.52	4.32
11G	Ant1	2462	2454.58	3.06
11G	Ant2	2462	2465.77	4.56
11N20MIMO	Ant1	2412	2409.52	-0.68
11N20MIMO	Ant2	2412	2410.73	-1.51
11N20MIMO	Ant1	2437	2433.25	-0.26
11N20MIMO	Ant2	2437	2439.46	-1.31
11N20MIMO	Ant1	2462	2464.50	0.74
11N20MIMO	Ant2	2462	2469.50	0.14
11N40MIMO	Ant1	2422	2438.22	-2.90
11N40MIMO	Ant2	2422	2436.99	-2.65
11N40MIMO	Ant1	2437	2442.00	-2.62
11N40MIMO	Ant2	2437	2453.24	-2.54
11N40MIMO	Ant1	2452	2466.99	-1.79
11N40MIMO	Ant2	2452	2457.03	-3.02

Test Graphs

11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



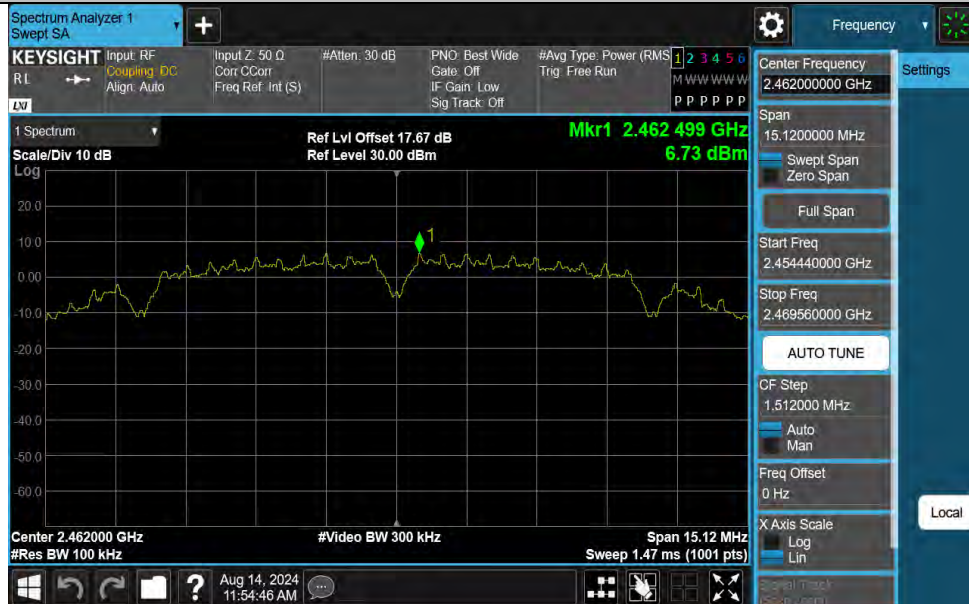
11B-Ant1-2437-PASS



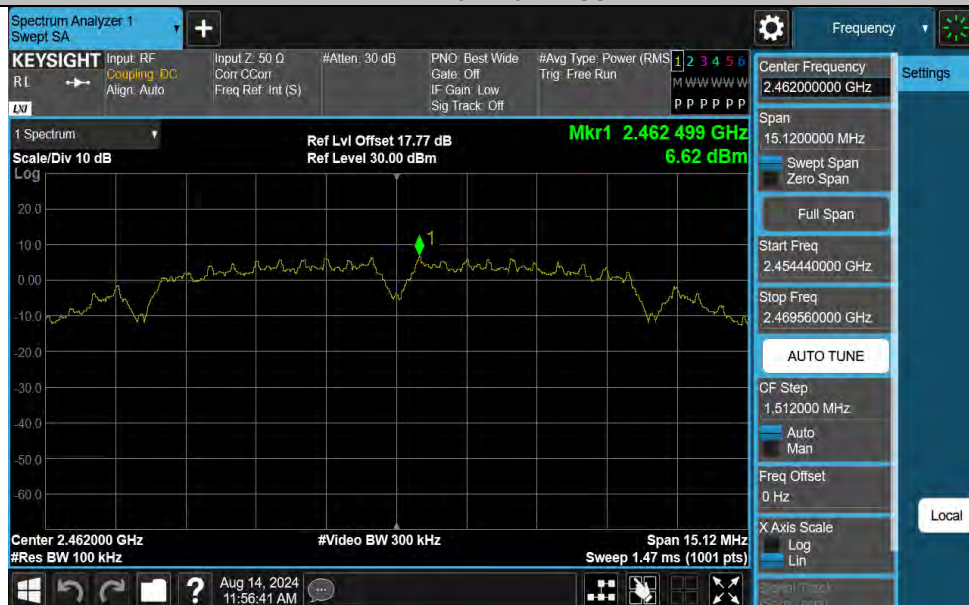
11B-Ant2-2437-PASS

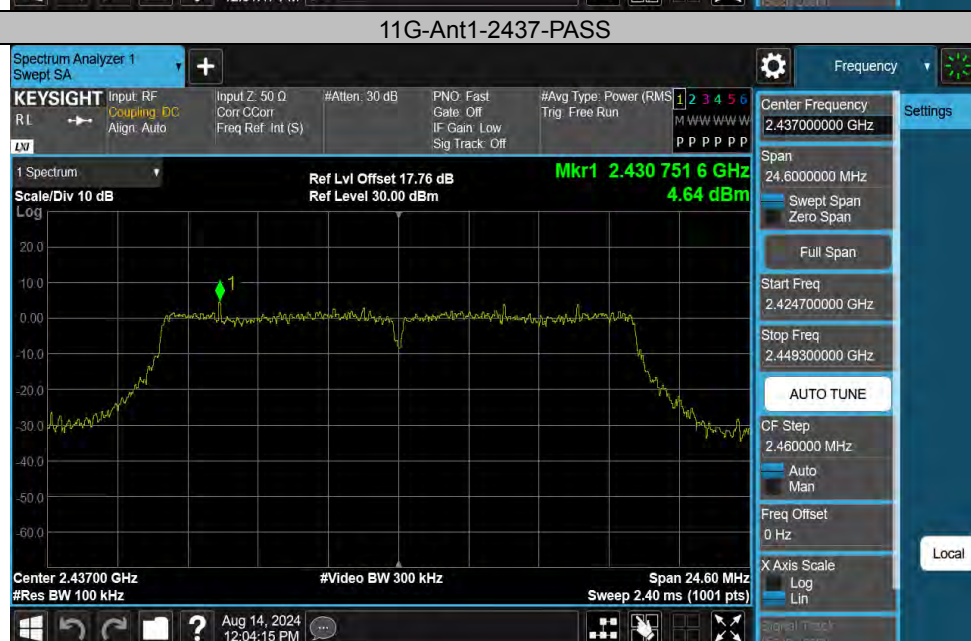
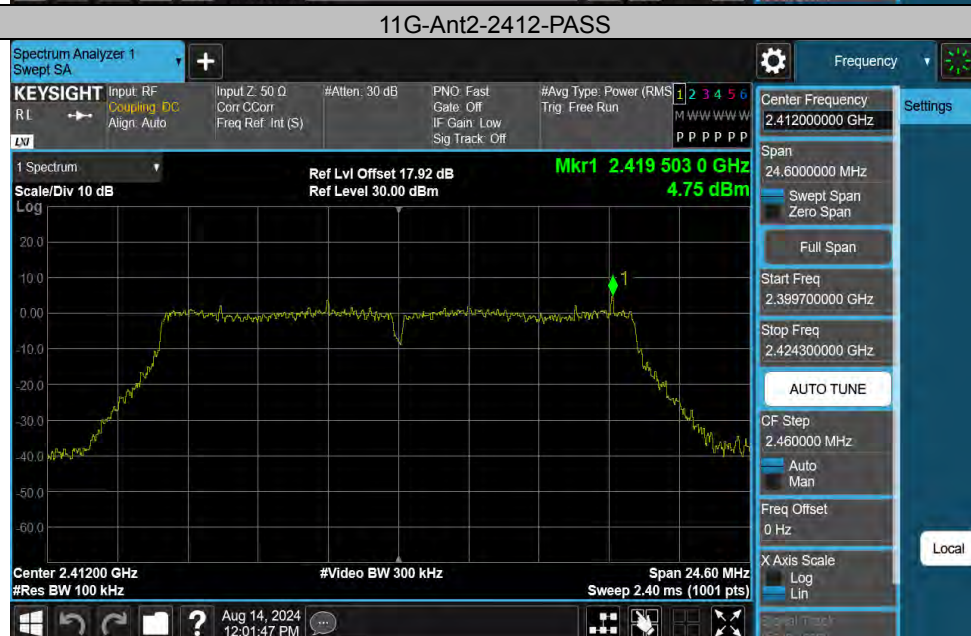
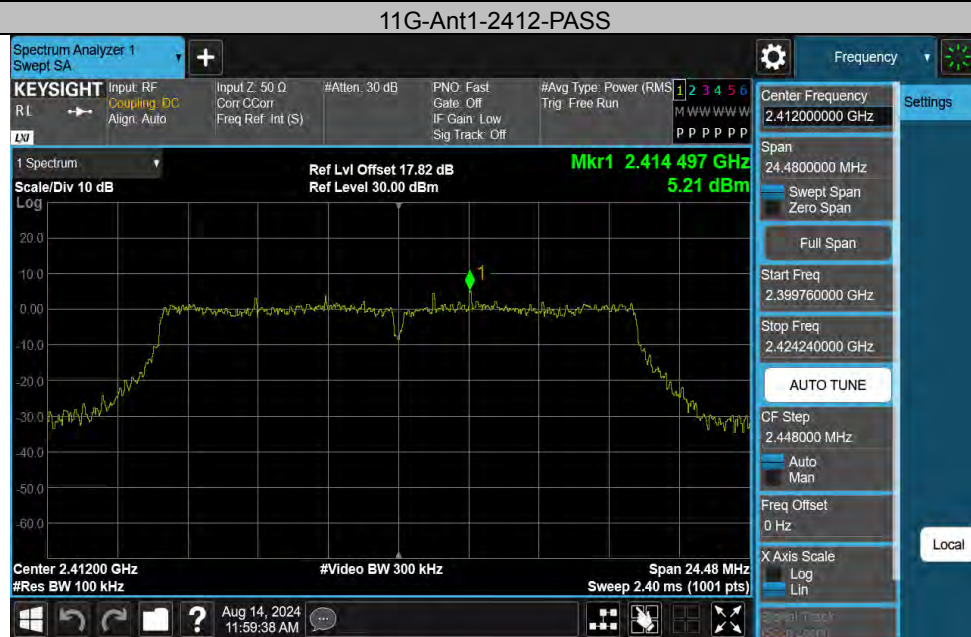


11B-Ant1-2462-PASS

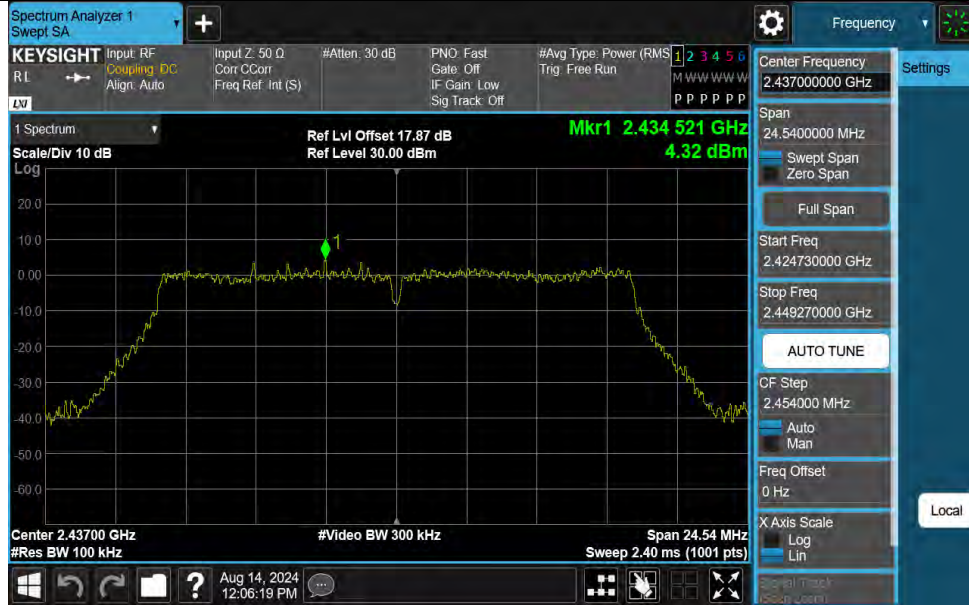


11B-Ant2-2462-PASS

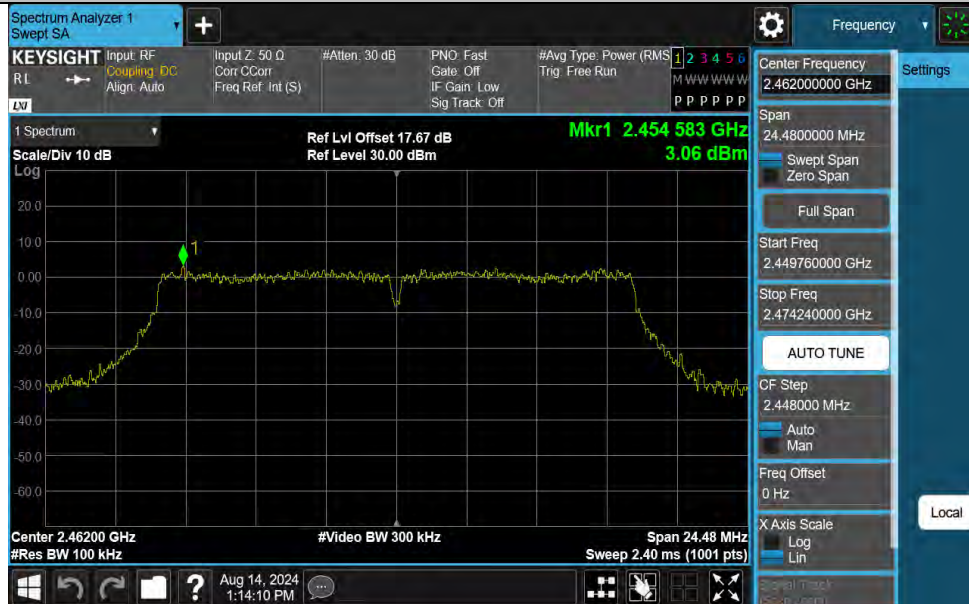




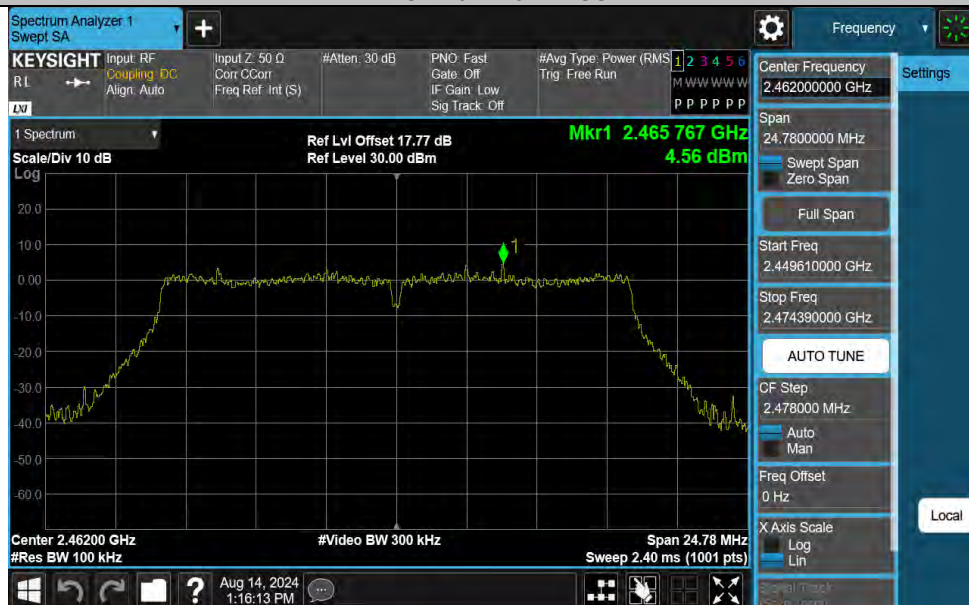
11G-Ant2-2437-PASS



11G-Ant1-2462-PASS



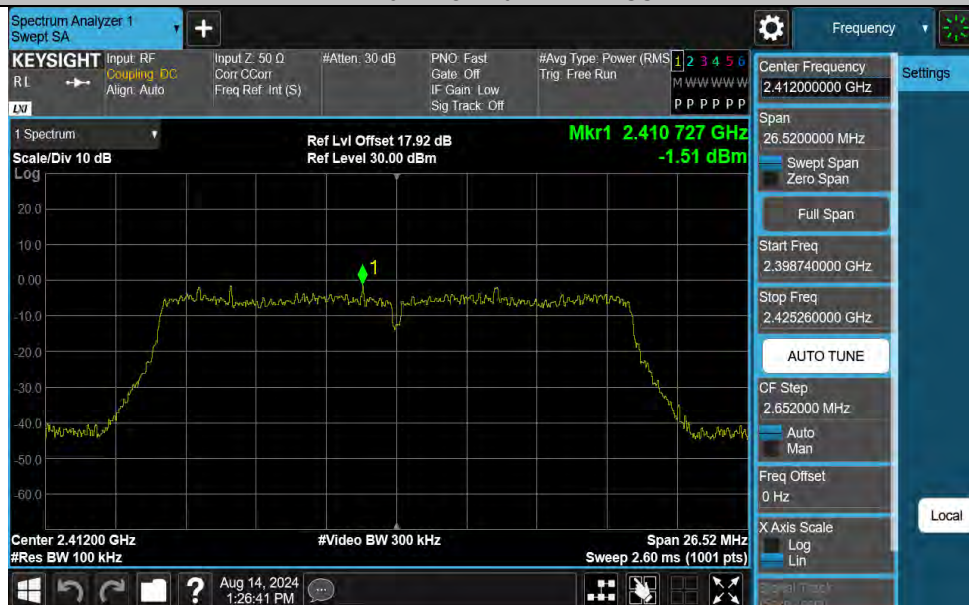
11G-Ant2-2462-PASS



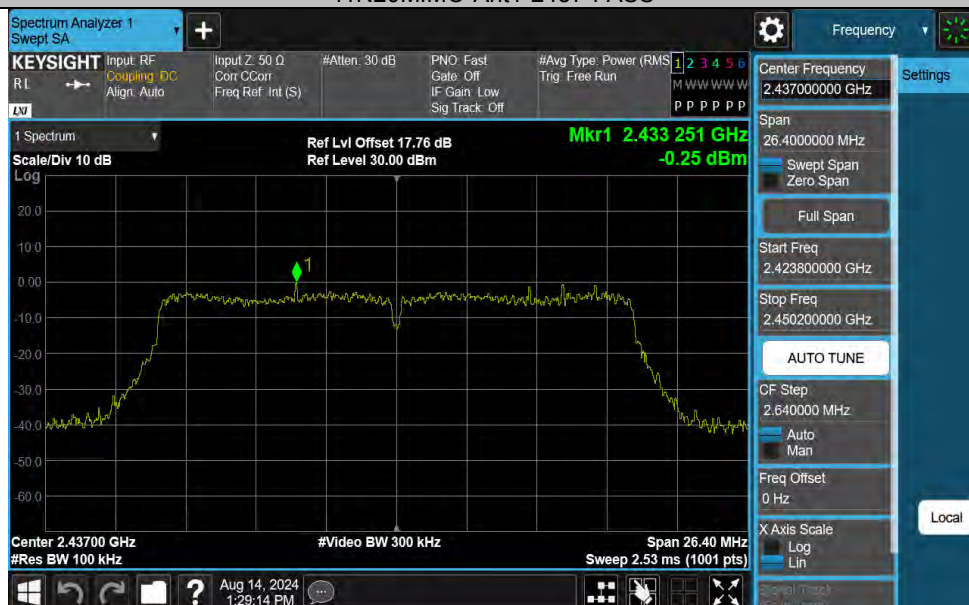
11N20MIMO-Ant1-2412-PASS



11N20MIMO-Ant2-2412-PASS



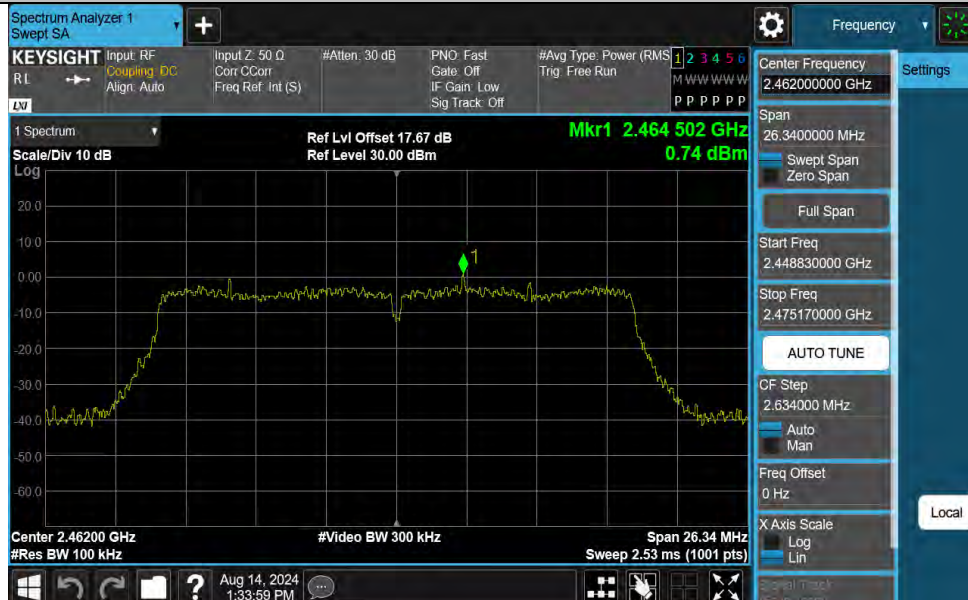
11N20MIMO-Ant1-2437-PASS



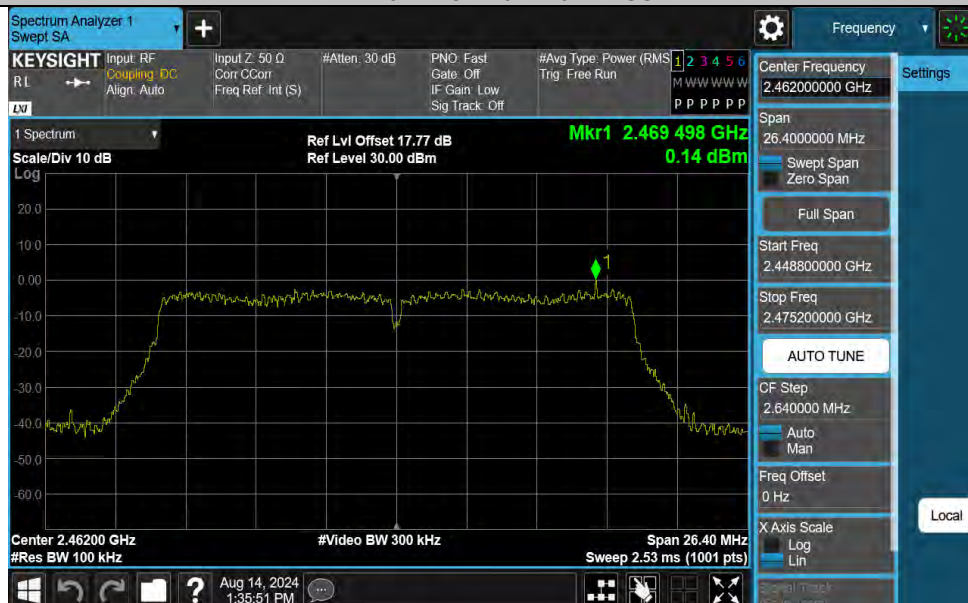
11N20MIMO-Ant2-2437-PASS



11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS



11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2437-PASS



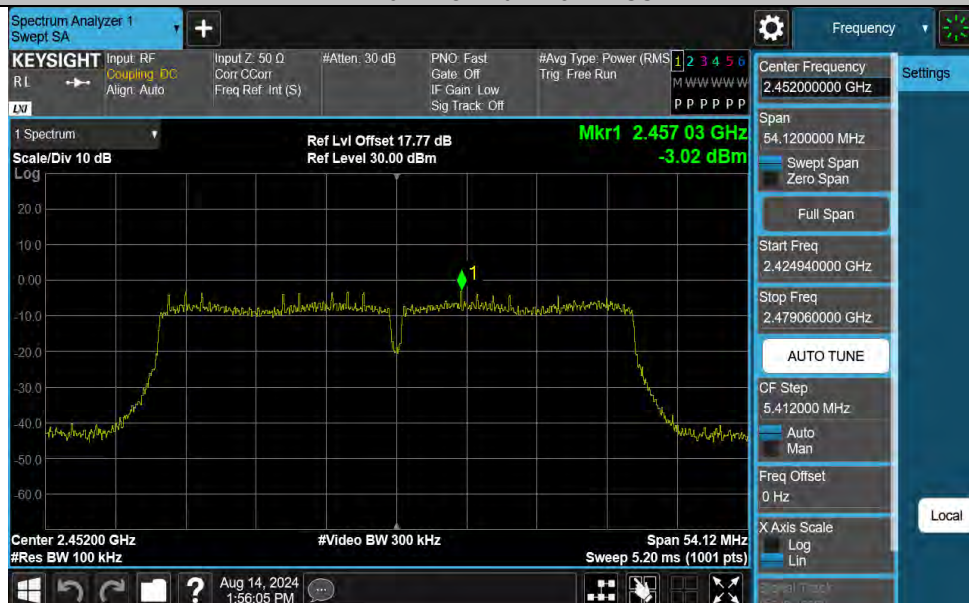
11N40MIMO-Ant2-2437-PASS



11N40MIMO-Ant1-2452-PASS



11N40MIMO-Ant2-2452-PASS



Appendix F: Band edge measurements

Test Result

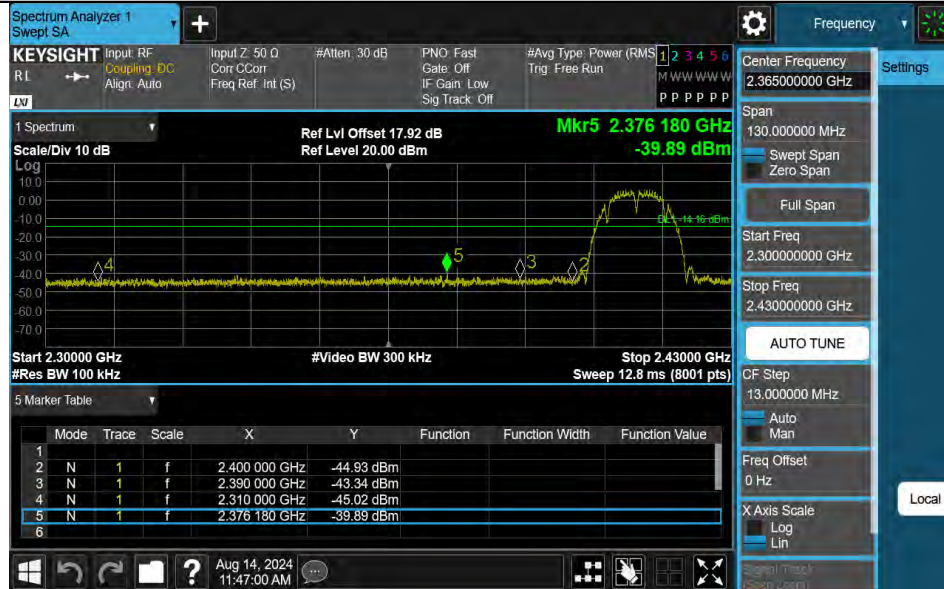
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.26	-36.25	≤ -13.74	PASS
11B	Ant2	Low	2412	5.84	-39.89	≤ -14.16	PASS
11B	Ant1	High	2462	6.73	-40.73	≤ -13.27	PASS
11B	Ant2	High	2462	6.62	-40.35	≤ -13.38	PASS
11G	Ant1	Low	2412	5.21	-28.39	≤ -14.79	PASS
11G	Ant2	Low	2412	4.75	-36.74	≤ -15.25	PASS
11G	Ant1	High	2462	3.06	-36.67	≤ -16.94	PASS
11G	Ant2	High	2462	4.56	-39.54	≤ -15.44	PASS
11N20MIMO	Ant1	Low	2412	-0.68	-37.1	≤ -20.68	PASS
11N20MIMO	Ant2	Low	2412	-1.51	-39.34	≤ -21.51	PASS
11N20MIMO	Ant1	High	2462	0.74	-40.8	≤ -19.26	PASS
11N20MIMO	Ant2	High	2462	0.14	-40.72	≤ -19.86	PASS
11N40MIMO	Ant1	Low	2422	-2.90	-37.48	≤ -22.90	PASS
11N40MIMO	Ant2	Low	2422	-2.65	-40.36	≤ -22.65	PASS
11N40MIMO	Ant1	High	2452	-1.79	-39.27	≤ -21.79	PASS
11N40MIMO	Ant2	High	2452	-3.02	-40.83	≤ -23.02	PASS

Test Graphs

11B-Ant1-2412-PASS



11B-Ant2-2412-PASS



11B-Ant1-2462-PASS



11B-Ant2-2462-PASS



11G-Ant1-2412-PASS



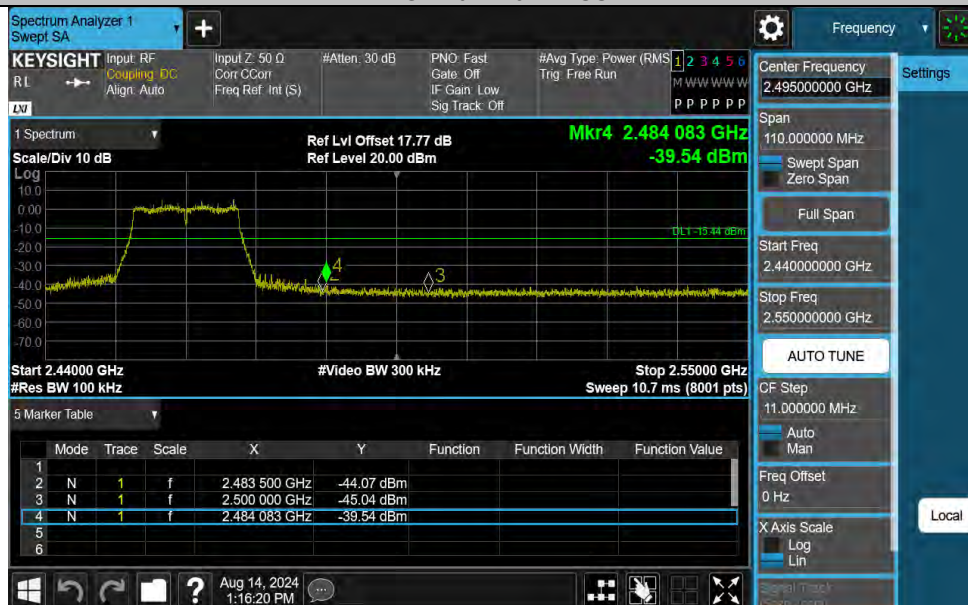
11G-Ant2-2412-PASS



11G-Ant1-2462-PASS



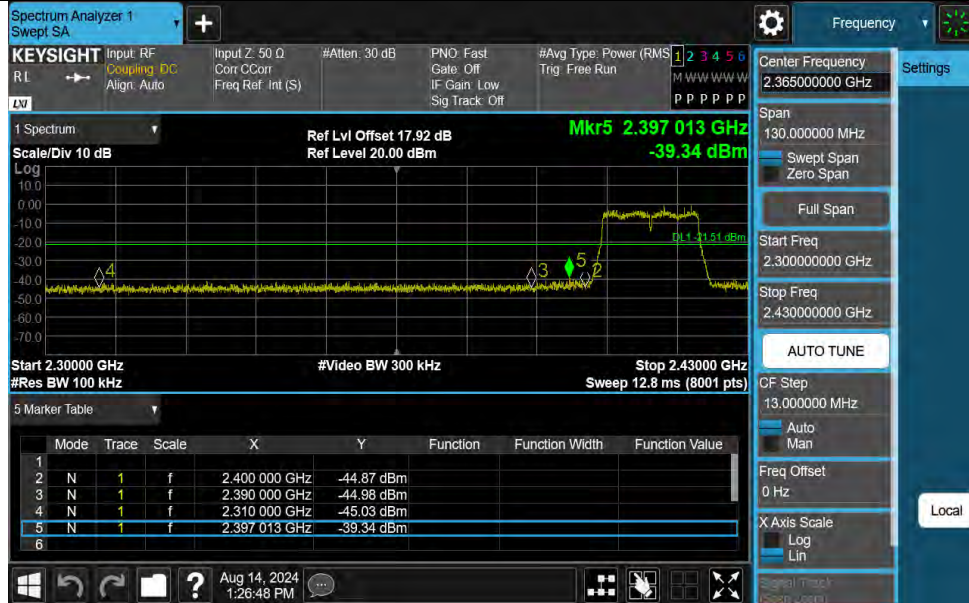
11G-Ant2-2462-PASS



11N20MIMO-Ant1-2412-PASS



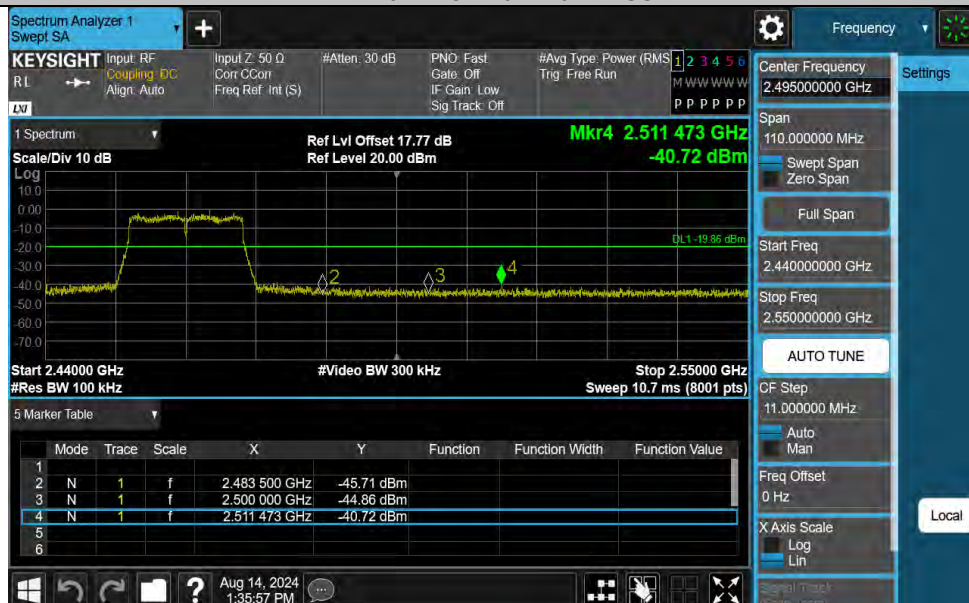
11N20MIMO-Ant2-2412-PASS



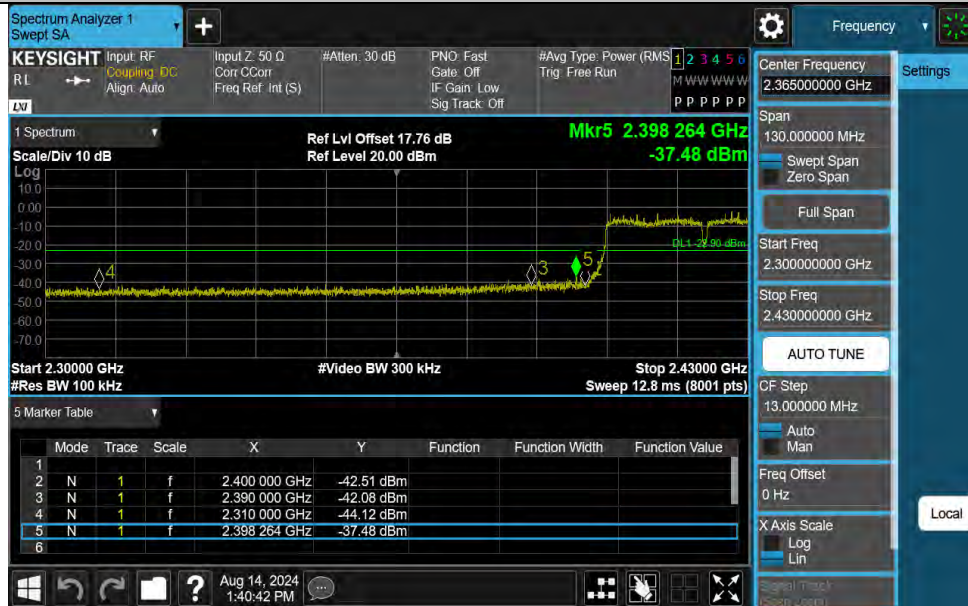
11N20MIMO-Ant1-2462-PASS



11N20MIMO-Ant2-2462-PASS



11N40MIMO-Ant1-2422-PASS

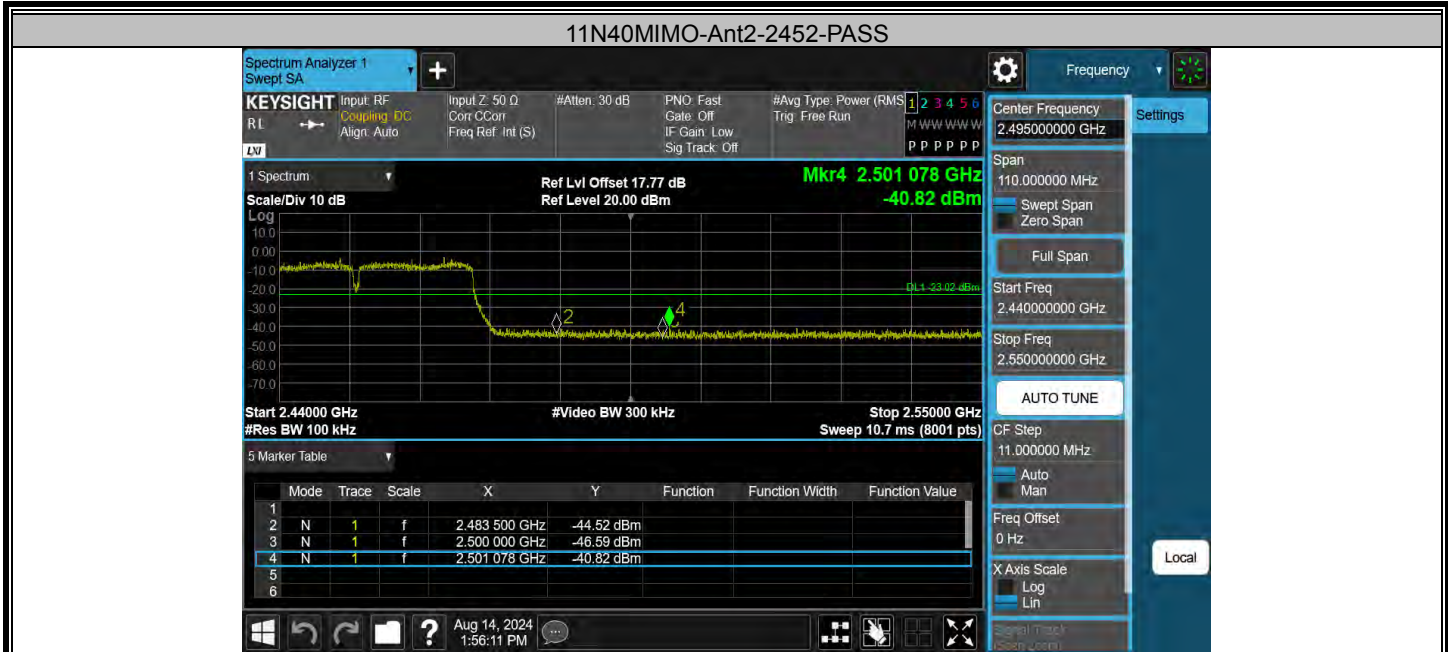


11N40MIMO-Ant2-2422-PASS



11N40MIMO-Ant1-2452-PASS



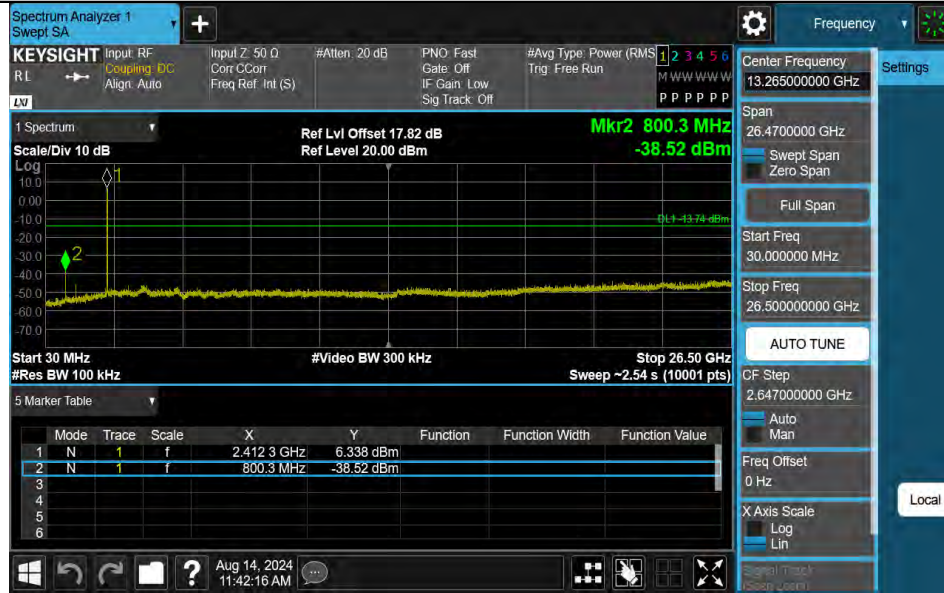


Appendix G: Conducted Spurious Emission Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	6.26	-38.52	≤-13.74	PASS
11B	Ant2	2412	30~26500	5.84	-42.68	≤-14.16	PASS
11B	Ant1	2437	30~26500	6.75	-39.26	≤-13.25	PASS
11B	Ant2	2437	30~26500	6.50	-42.61	≤-13.5	PASS
11B	Ant1	2462	30~26500	6.73	-42.38	≤-13.27	PASS
11B	Ant2	2462	30~26500	6.62	-43.19	≤-13.38	PASS
11G	Ant1	2412	30~26500	5.21	-40.67	≤-14.79	PASS
11G	Ant2	2412	30~26500	4.75	-42.62	≤-15.25	PASS
11G	Ant1	2437	30~26500	4.64	-43.34	≤-15.36	PASS
11G	Ant2	2437	30~26500	4.32	-42.32	≤-15.68	PASS
11G	Ant1	2462	30~26500	3.06	-42.5	≤-16.94	PASS
11G	Ant2	2462	30~26500	4.56	-42.43	≤-15.44	PASS
11N20MIMO	Ant1	2412	30~26500	-0.68	-43.24	≤-20.68	PASS
11N20MIMO	Ant2	2412	30~26500	-1.51	-42.63	≤-21.51	PASS
11N20MIMO	Ant1	2437	30~26500	-0.26	-43.37	≤-20.26	PASS
11N20MIMO	Ant2	2437	30~26500	-1.31	-43.46	≤-21.31	PASS
11N20MIMO	Ant1	2462	30~26500	0.74	-43.06	≤-19.26	PASS
11N20MIMO	Ant2	2462	30~26500	0.14	-43.3	≤-19.86	PASS
11N40MIMO	Ant1	2422	30~26500	-2.90	-43.14	≤-22.9	PASS
11N40MIMO	Ant2	2422	30~26500	-2.65	-43.5	≤-22.65	PASS
11N40MIMO	Ant1	2437	30~26500	-2.62	-43.21	≤-22.62	PASS
11N40MIMO	Ant2	2437	30~26500	-2.54	-42.48	≤-22.54	PASS
11N40MIMO	Ant1	2452	30~26500	-1.79	-42.9	≤-21.79	PASS
11N40MIMO	Ant2	2452	30~26500	-3.02	-42.61	≤-23.02	PASS

Test Graphs

11B-Ant1-2412-30~26500-PASS



11B-Ant2-2412-30~26500-PASS



11B-Ant1-2437-30~26500-PASS



11B-Ant2-2437-30~26500-PASS



11B-Ant1-2462-30~26500-PASS



11B-Ant2-2462-30~26500-PASS



11G-Ant1-2412-30~26500-PASS



11G-Ant2-2412-30~26500-PASS



11G-Ant1-2437-30~26500-PASS



11G-Ant2-2437-30~26500-PASS



11G-Ant1-2462-30~26500-PASS



11G-Ant2-2462-30~26500-PASS



11N20MIMO-Ant1-2412-30~26500-PASS



11N20MIMO-Ant2-2412-30~26500-PASS



11N20MIMO-Ant1-2437-30~26500-PASS



11N20MIMO-Ant2-2437-30~26500-PASS



11N20MIMO-Ant1-2462-30~26500-PASS



11N20MIMO-Ant2-2462-30~26500-PASS



11N40MIMO-Ant1-2422-30~26500-PASS



11N40MIMO-Ant2-2422-30~26500-PASS



11N40MIMO-Ant1-2437-30~26500-PASS



11N40MIMO-Ant2-2437-30~26500-PASS



11N40MIMO-Ant1-2452-30~26500-PASS



11N40MIMO-Ant2-2452-30~26500-PASS

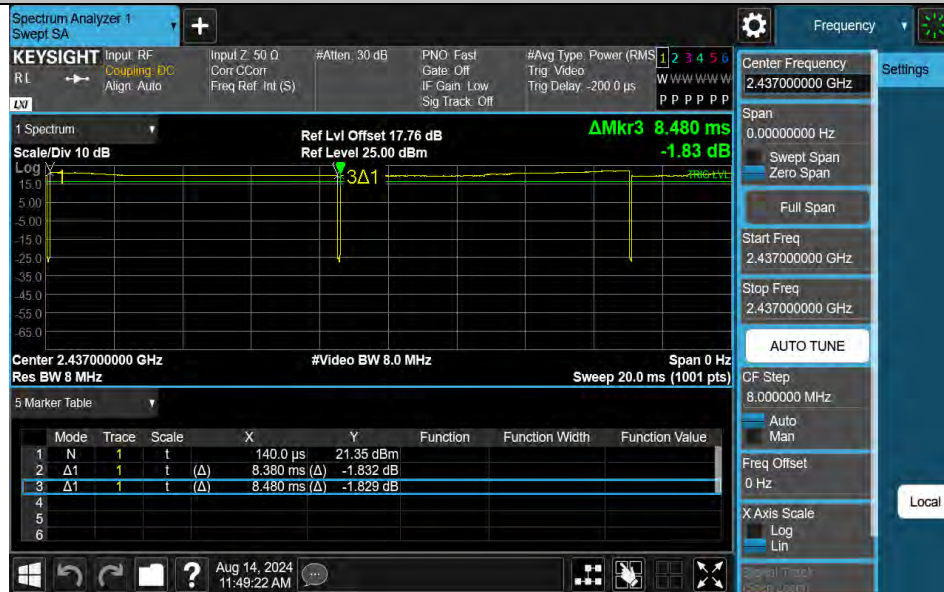


Appendix H: Duty Cycle Test Result

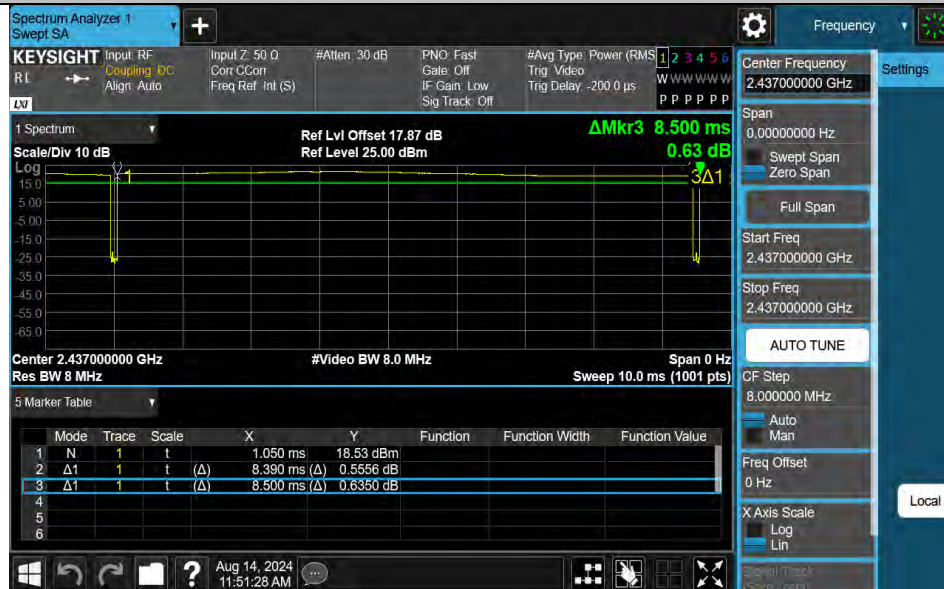
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	8.38	8.48	98.82
11B	Ant2	2437	8.39	8.50	98.71
11G	Ant1	2437	3.11	3.21	96.88
11G	Ant2	2437	3.10	3.21	96.57
11N20MIMO	Ant1	2437	4.77	4.87	97.95
11N20MIMO	Ant2	2437	4.77	4.87	97.95
11N40MIMO	Ant1	2437	2.32	2.42	95.87
11N40MIMO	Ant2	2437	2.32	2.42	95.87

Test Graphs

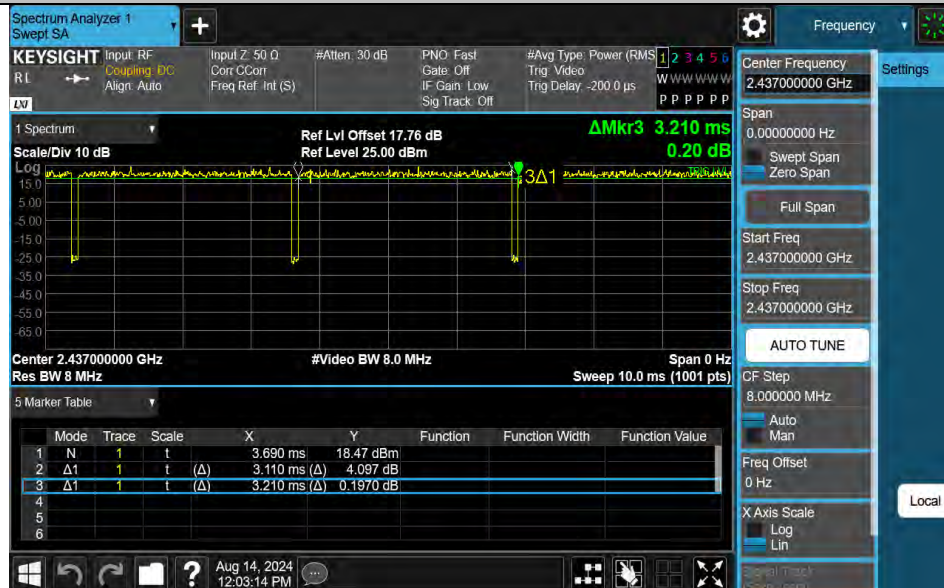
NTNV-11B-Ant1-2437



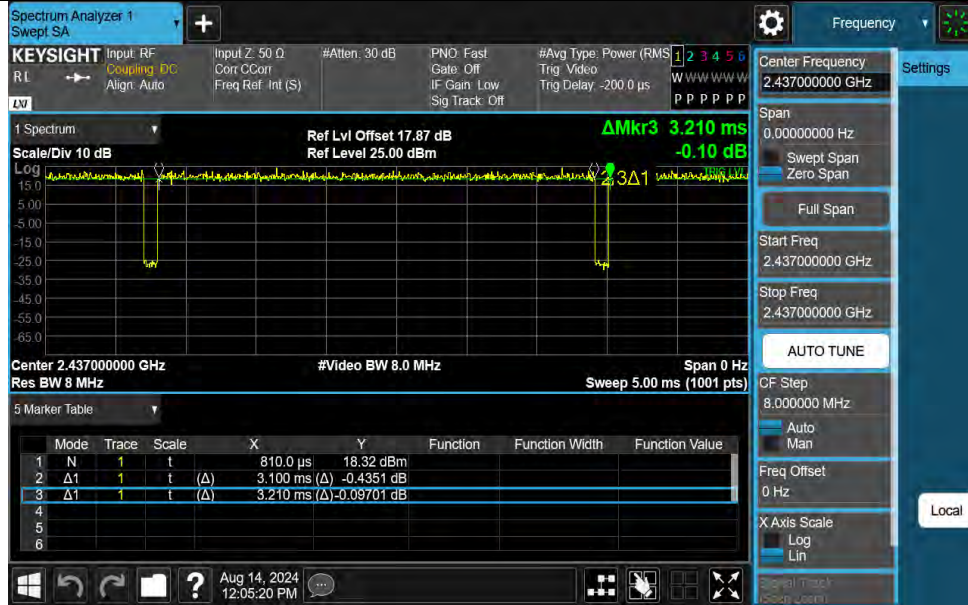
NTNV-11B-Ant2-2437



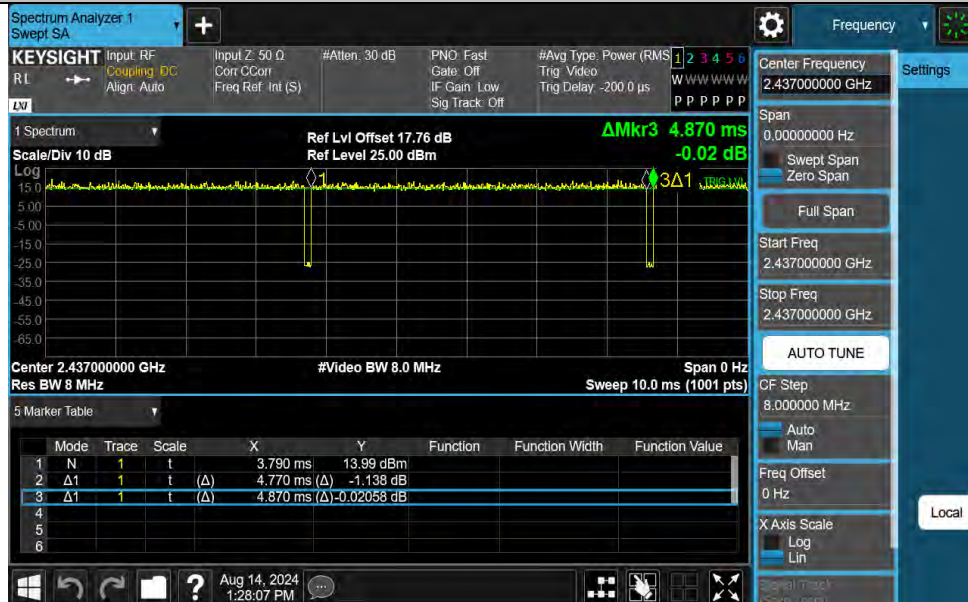
NTNV-11G-Ant1-2437



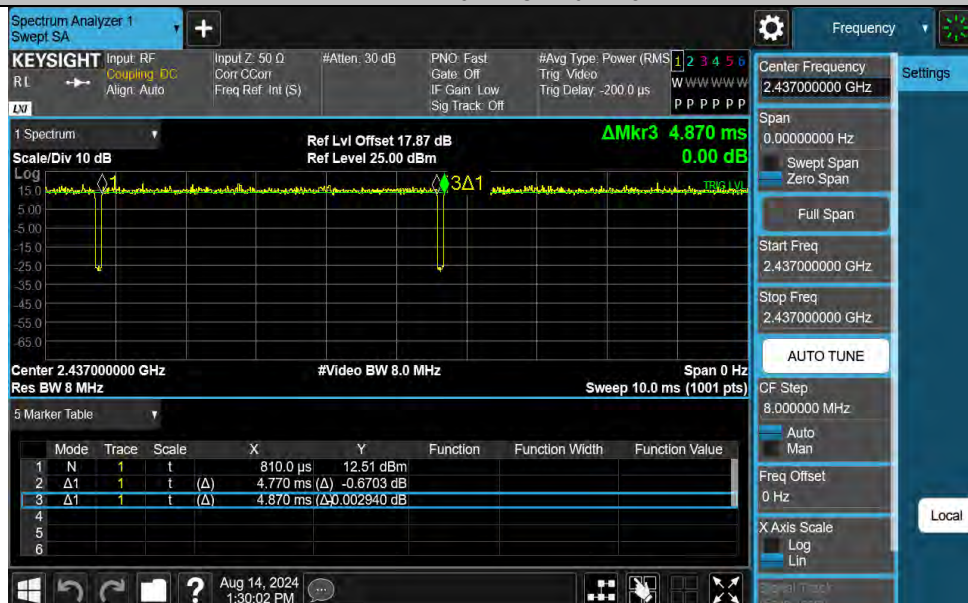
NTNV-11G-Ant2-2437

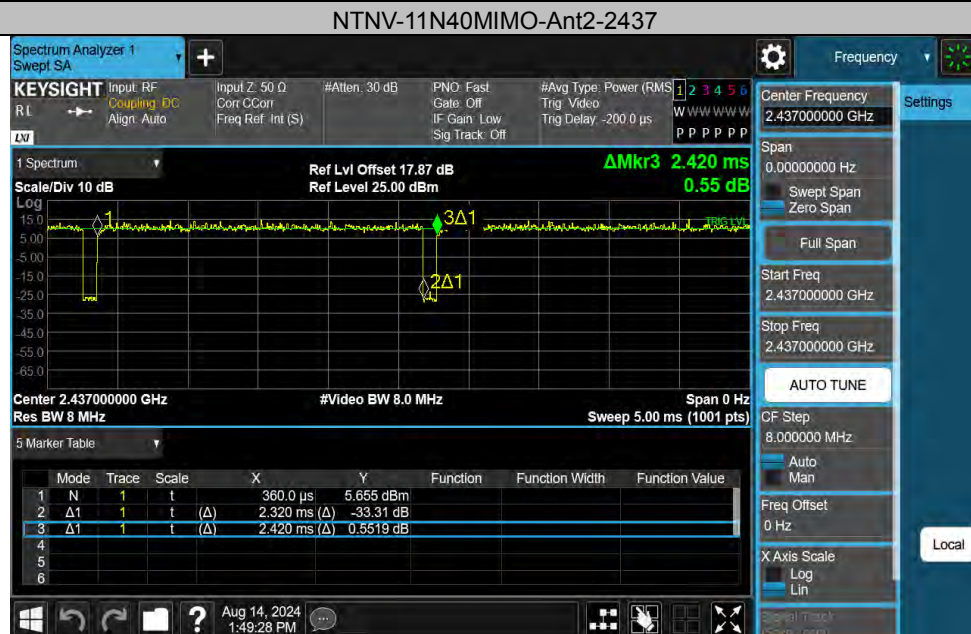
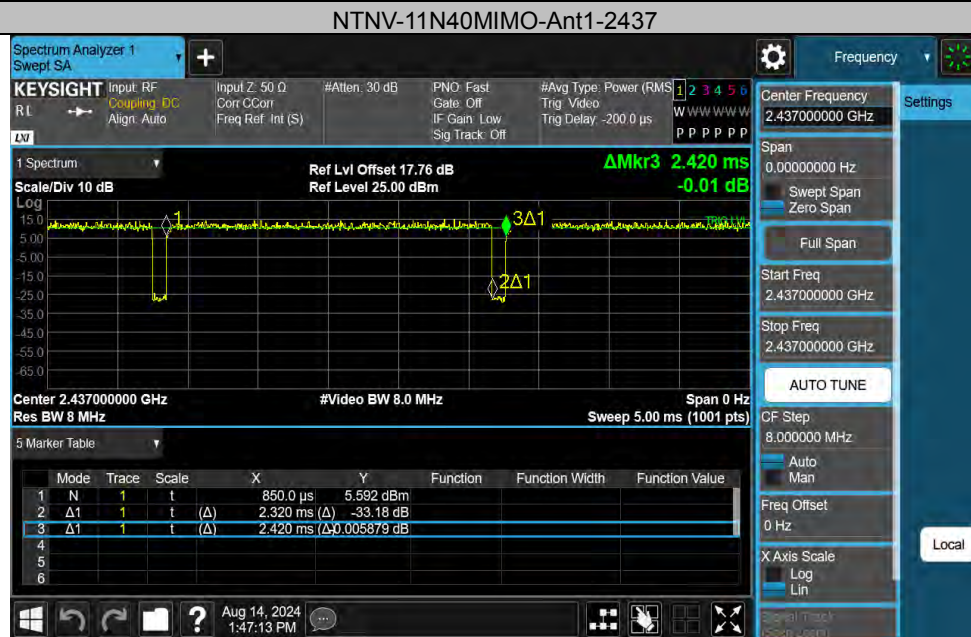


NTNV-11N20MIMO-Ant1-2437



NTNV-11N20MIMO-Ant2-2437



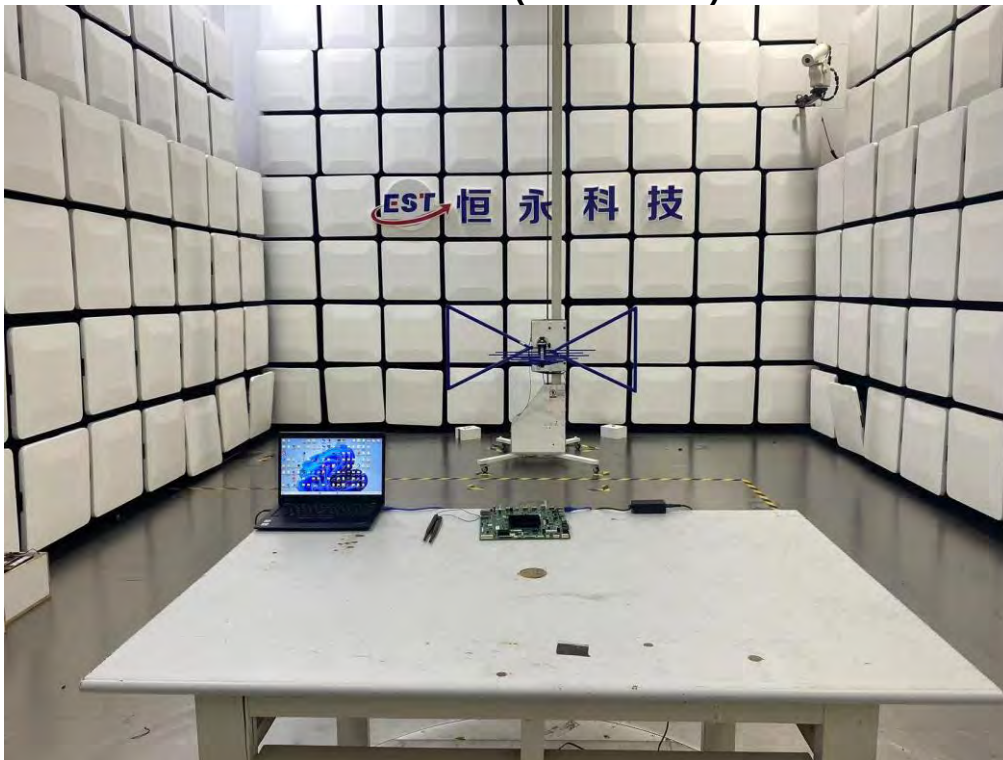


12. TEST SETUP PHOTO

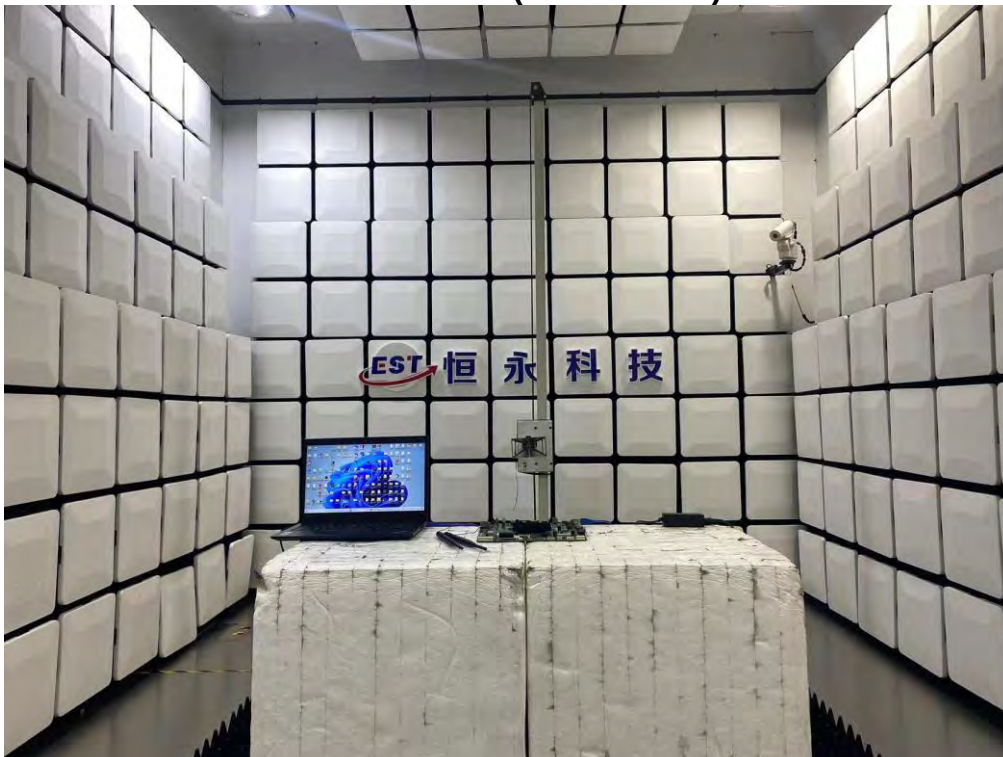
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos
M/N: RK3588.3_004



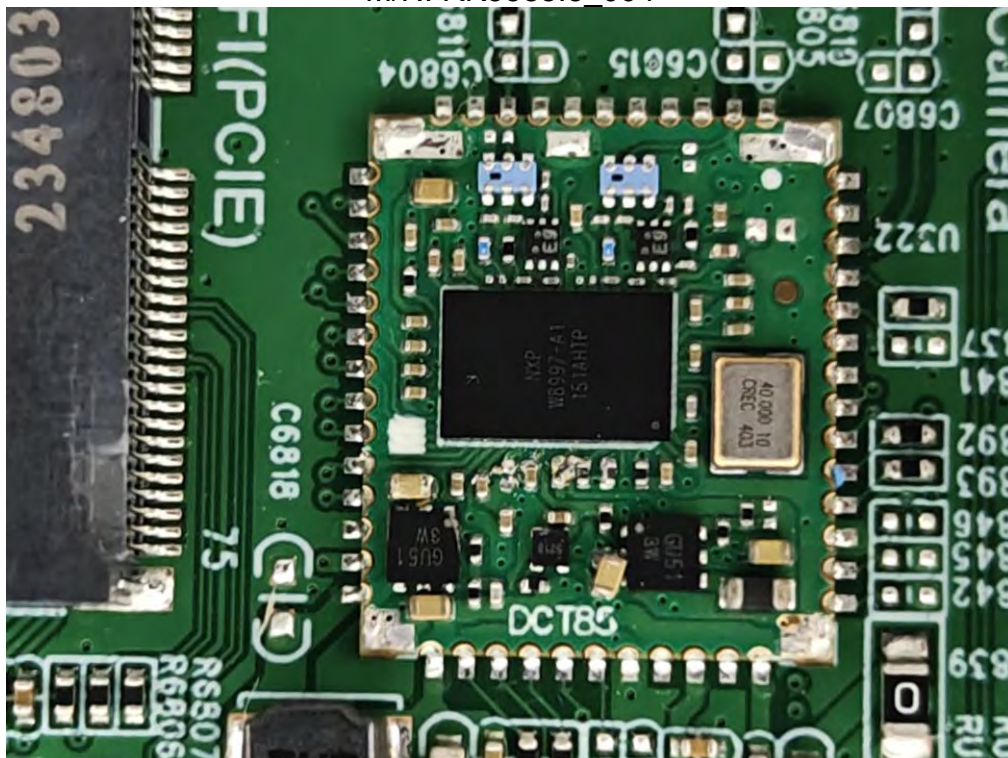
External Photos

M/N: RK3588.3 004



Internal Photos

M/N: RK3588.3 004



End of Test Report