

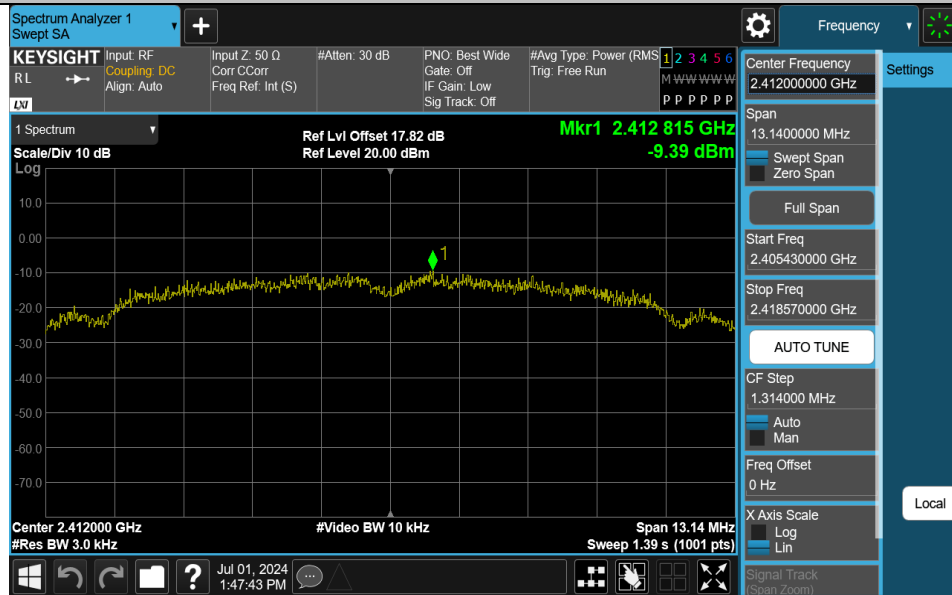
Appendix C: Maximum power spectral density

Test Result

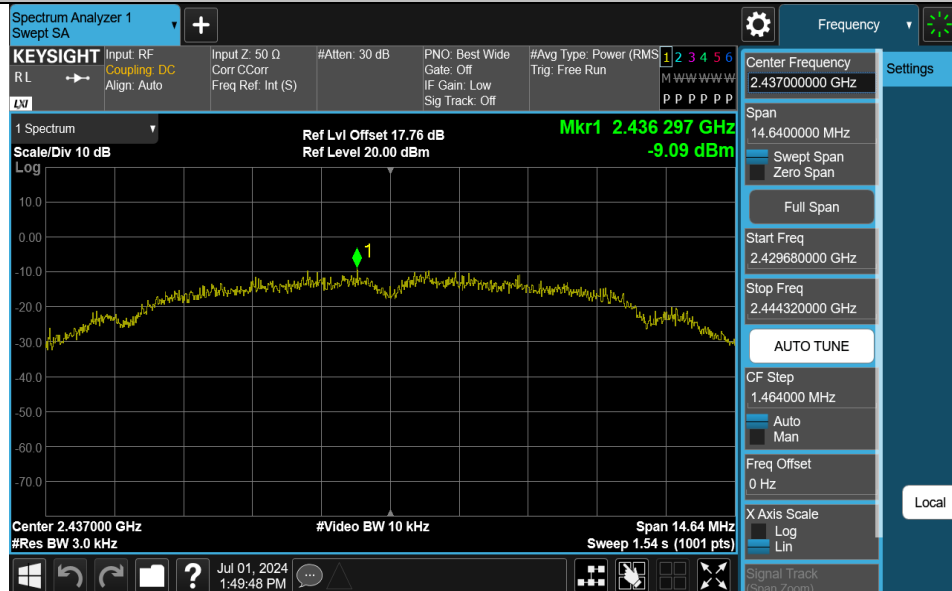
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.39	≤8.00	PASS
11B	Ant1	2437	-9.09	≤8.00	PASS
11B	Ant1	2462	-9.82	≤8.00	PASS
11G	Ant1	2412	-12.43	≤8.00	PASS
11G	Ant1	2437	-12.79	≤8.00	PASS
11G	Ant1	2462	-11.81	≤8.00	PASS
11N20SISO	Ant1	2412	-11.82	≤8.00	PASS
11N20SISO	Ant1	2437	-12.55	≤8.00	PASS
11N20SISO	Ant1	2462	-11.39	≤8.00	PASS
11N40SISO	Ant1	2422	-14.93	≤8.00	PASS
11N40SISO	Ant1	2437	-14.66	≤8.00	PASS
11N40SISO	Ant1	2452	-14.81	≤8.00	PASS

Test Graphs

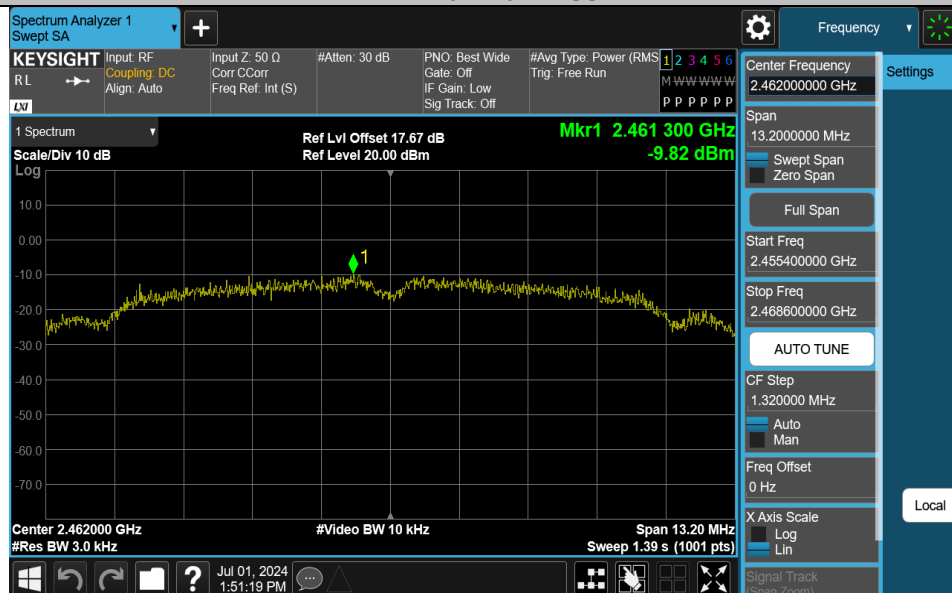
11B-Ant1-2412-PASS



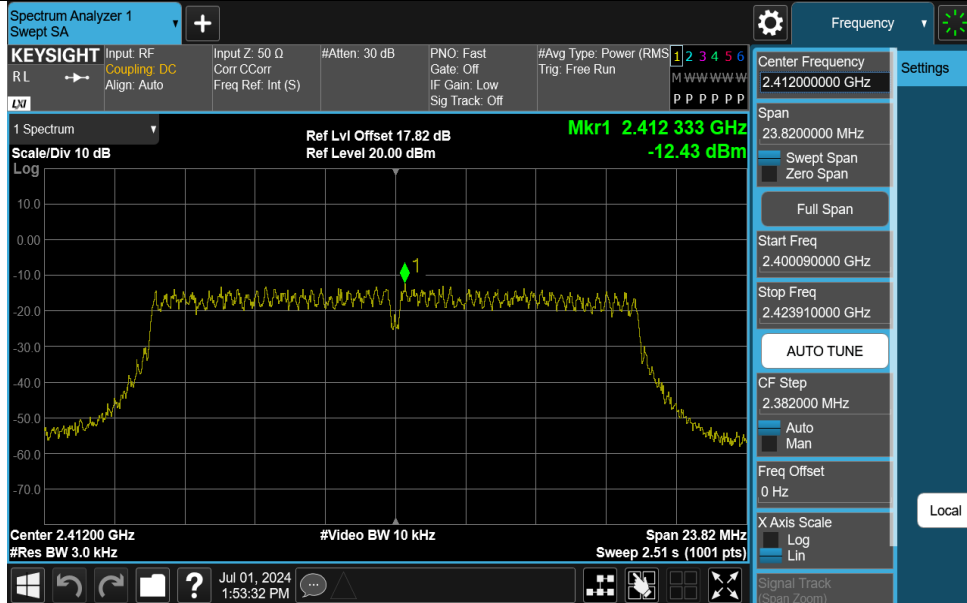
11B-Ant1-2437-PASS



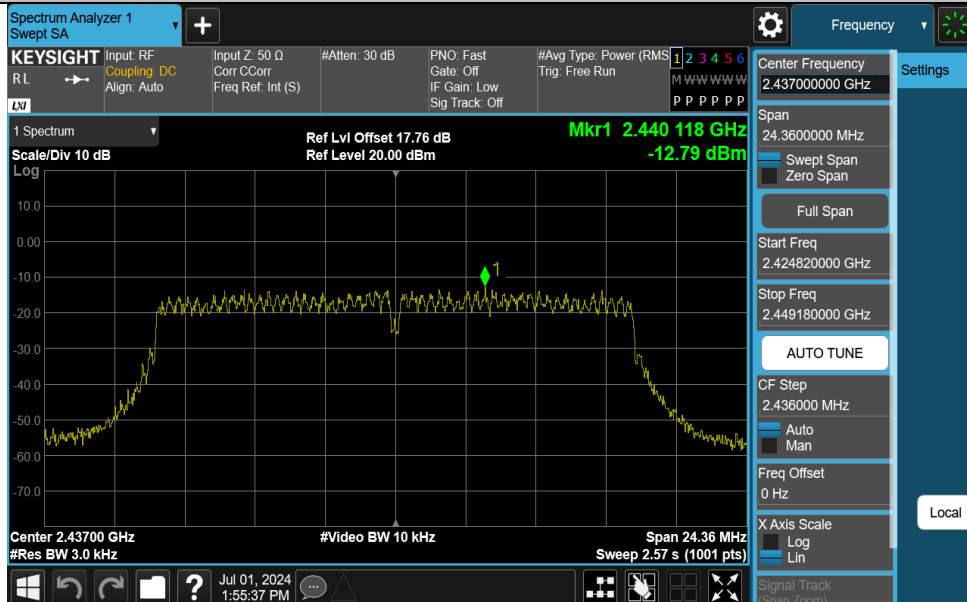
11B-Ant1-2462-PASS



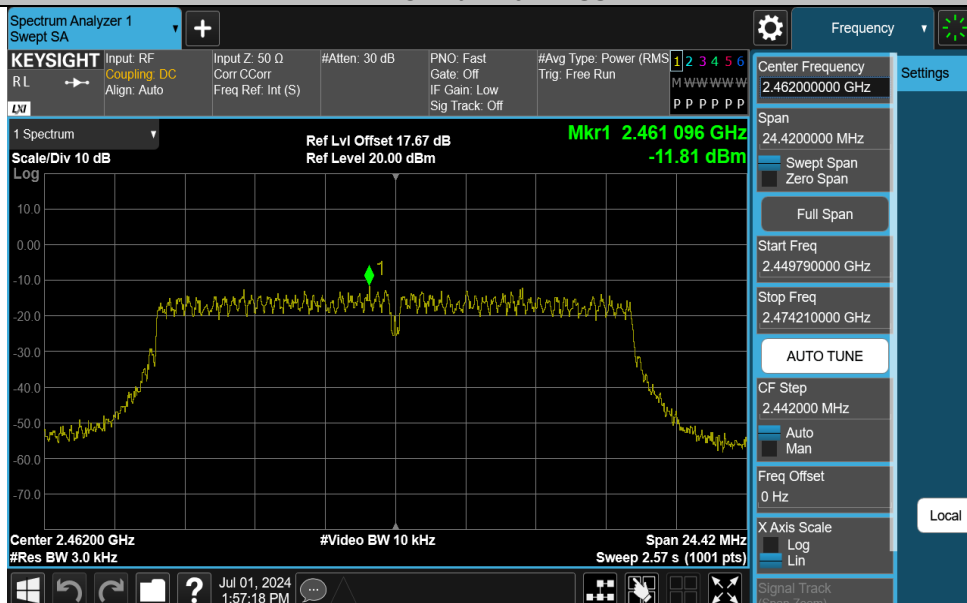
11G-Ant1-2412-PASS



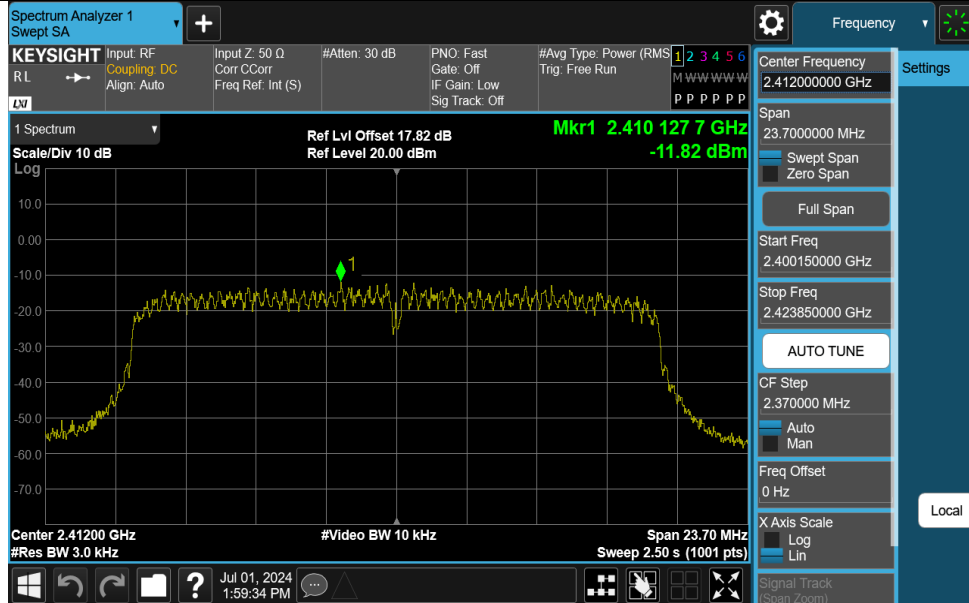
11G-Ant1-2437-PASS



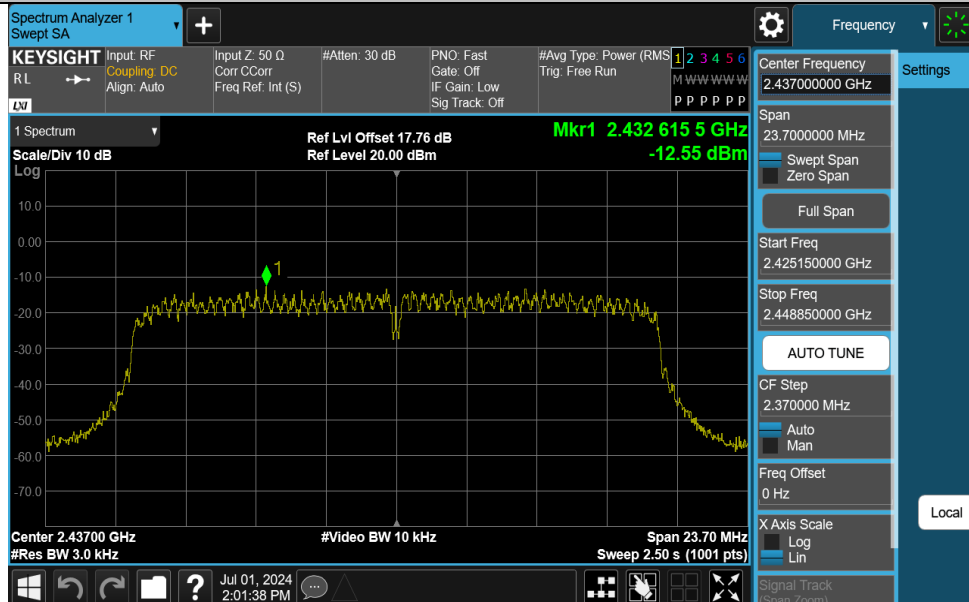
11G-Ant1-2462-PASS



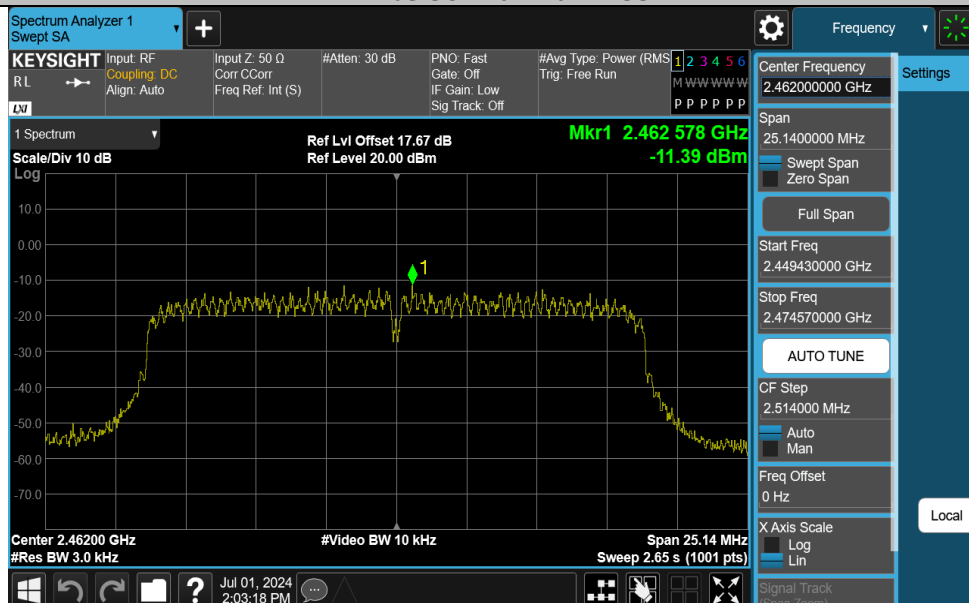
11N20SISO-Ant1-2412-PASS



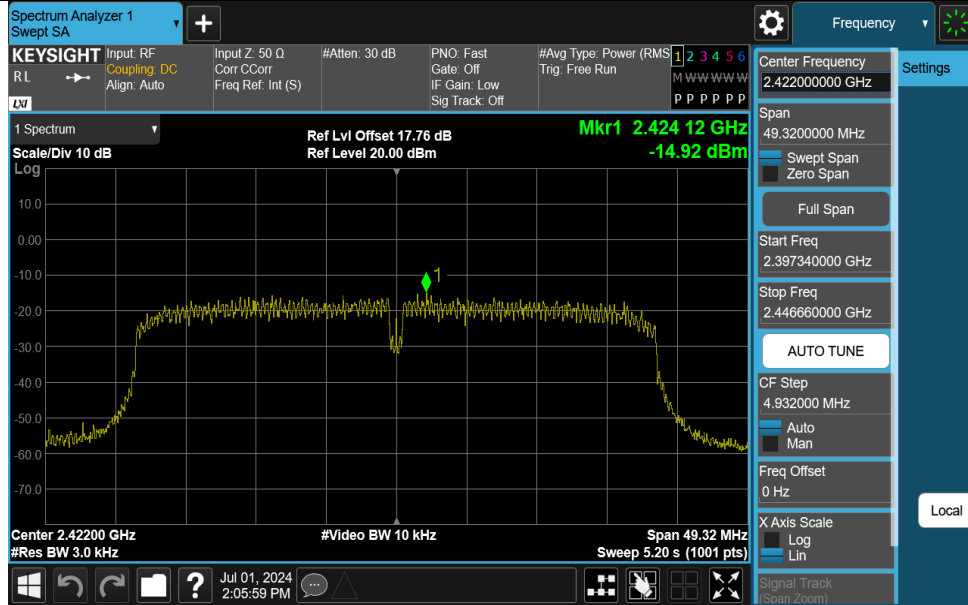
11N20SISO-Ant1-2437-PASS



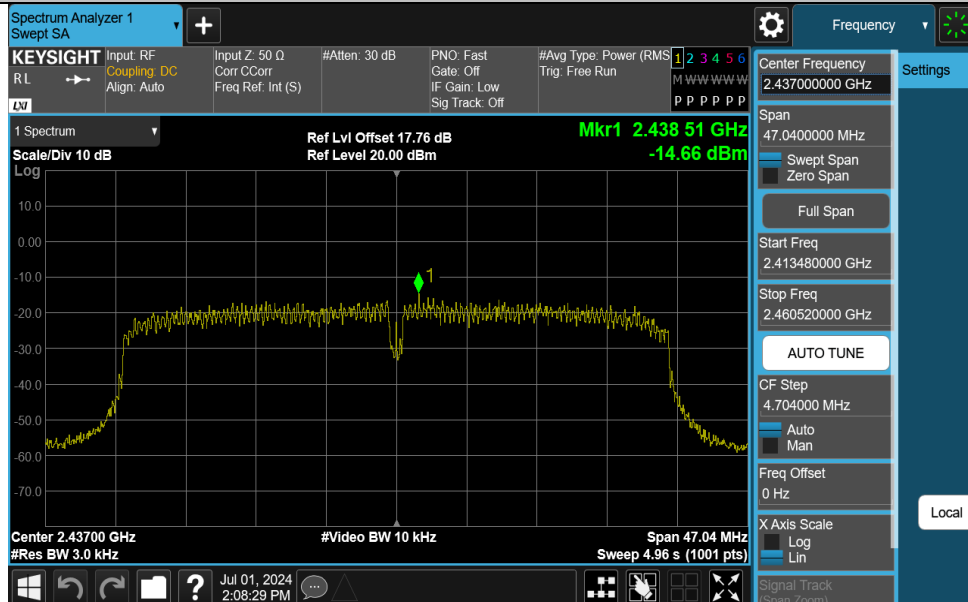
11N20SISO-Ant1-2462-PASS



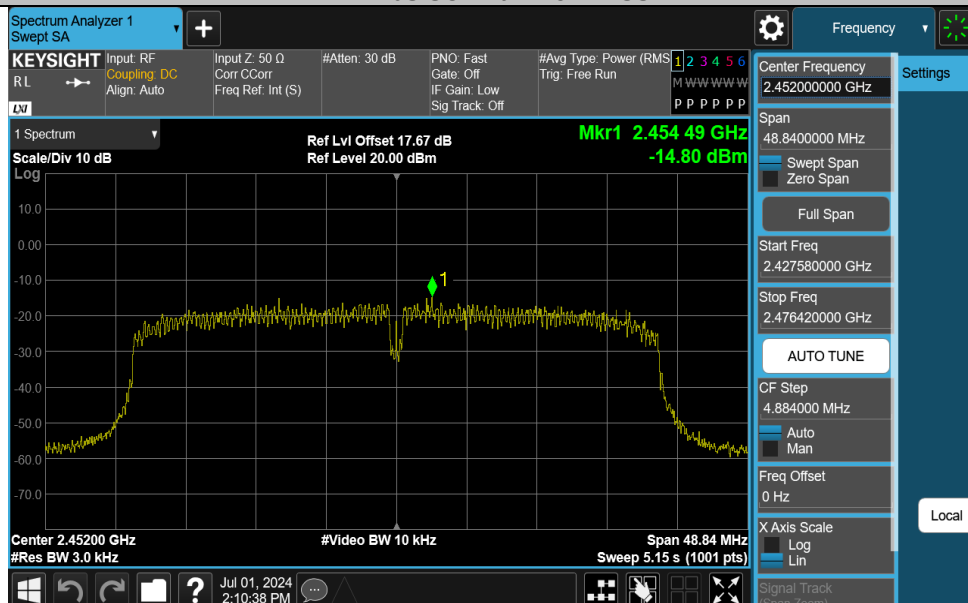
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



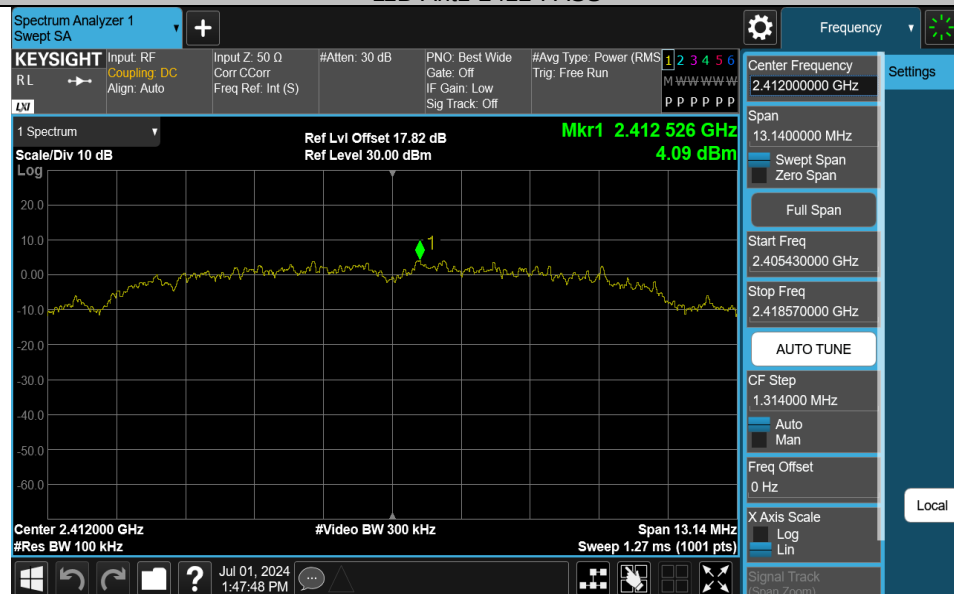
Appendix D: Reference level measurement

Test Result

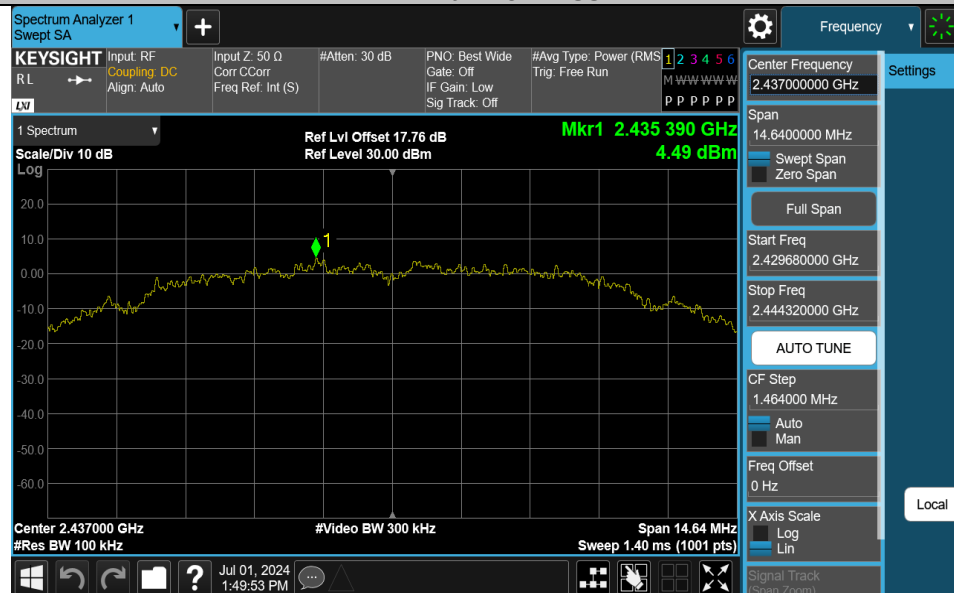
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.53	4.09
11B	Ant1	2437	2435.39	4.49
11B	Ant1	2462	2462.51	4.54
11G	Ant1	2412	2416.98	0.88
11G	Ant1	2437	2431.98	0.72
11G	Ant1	2462	2456.99	1.74
11N20SISO	Ant1	2412	2409.51	1.05
11N20SISO	Ant1	2437	2430.77	-0.38
11N20SISO	Ant1	2462	2459.51	1.27
11N40SISO	Ant1	2422	2425.75	-1.30
11N40SISO	Ant1	2437	2433.24	-2.79
11N40SISO	Ant1	2452	2443.21	-2.46

Test Graphs

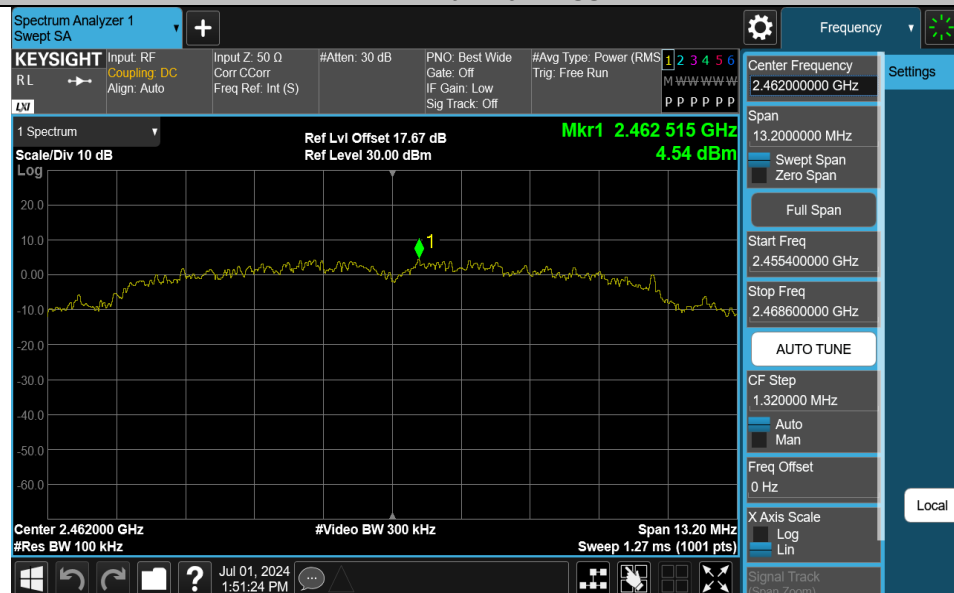
11B-Ant1-2412-PASS



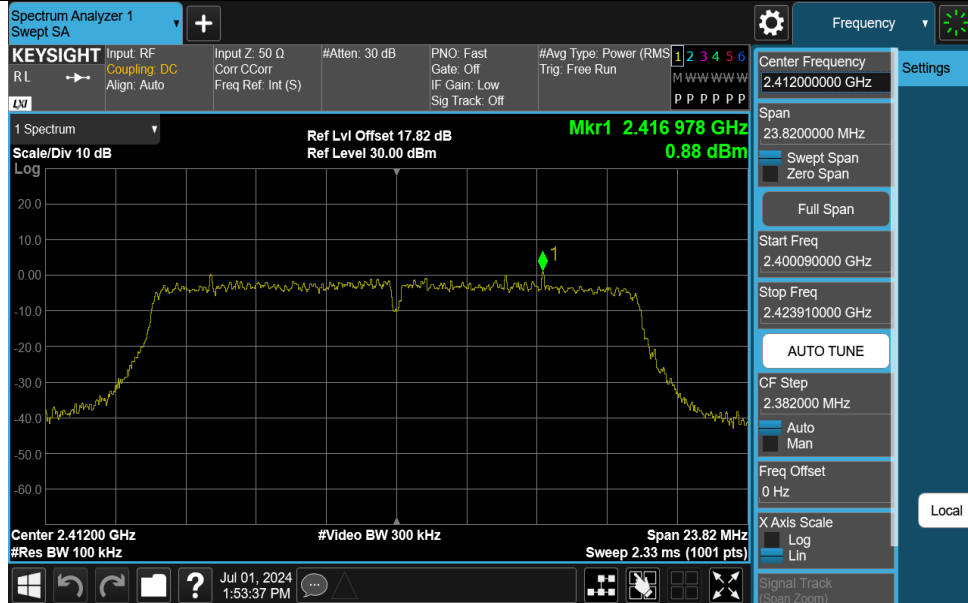
11B-Ant1-2437-PASS



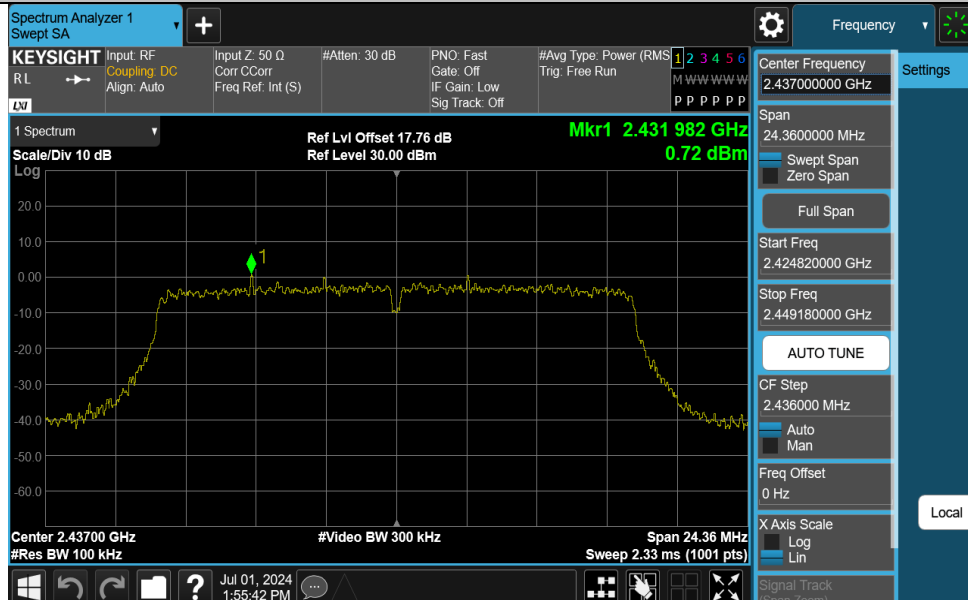
11B-Ant1-2462-PASS



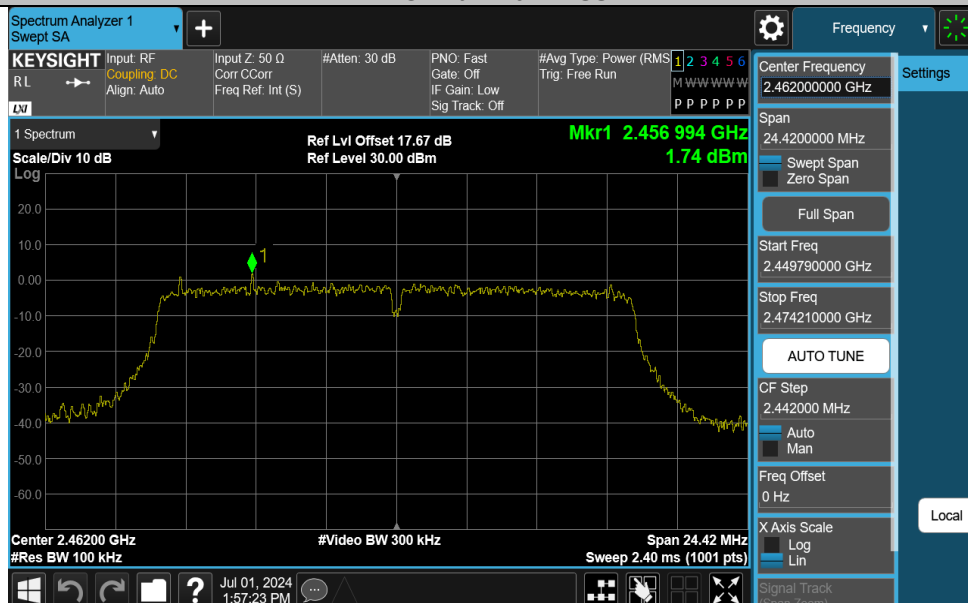
11G-Ant1-2412-PASS



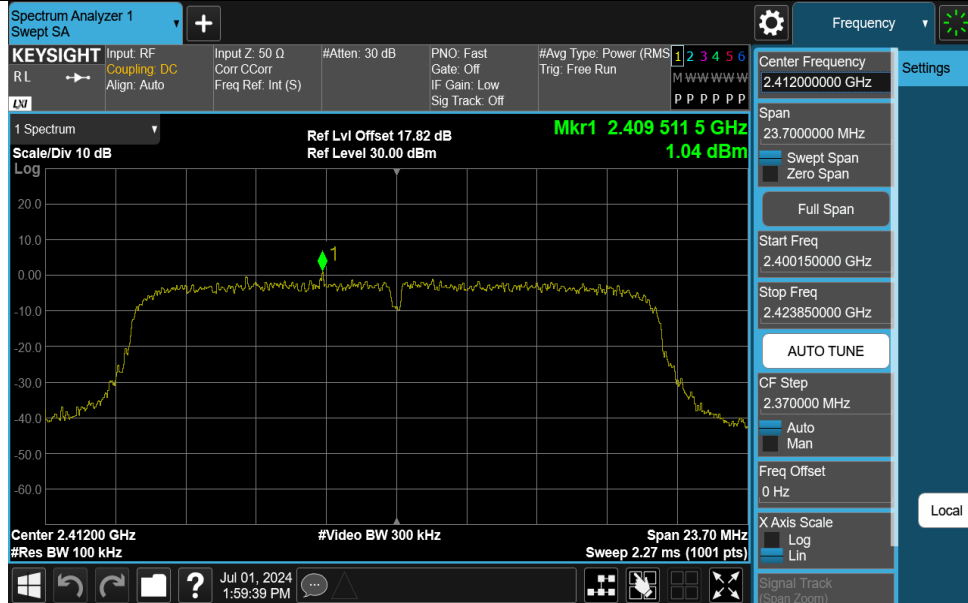
11G-Ant1-2437-PASS



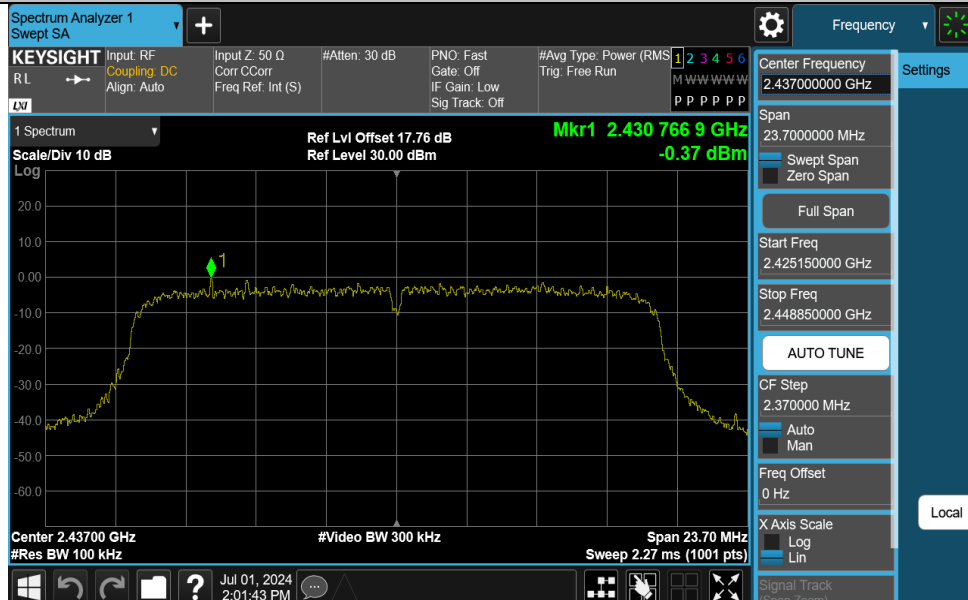
11G-Ant1-2462-PASS



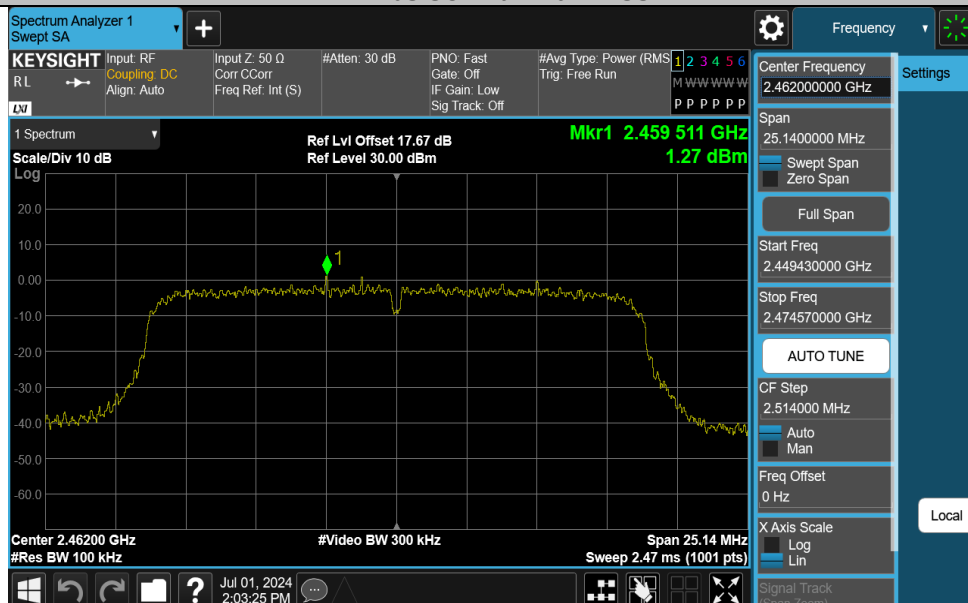
11N20SISO-Ant1-2412-PASS



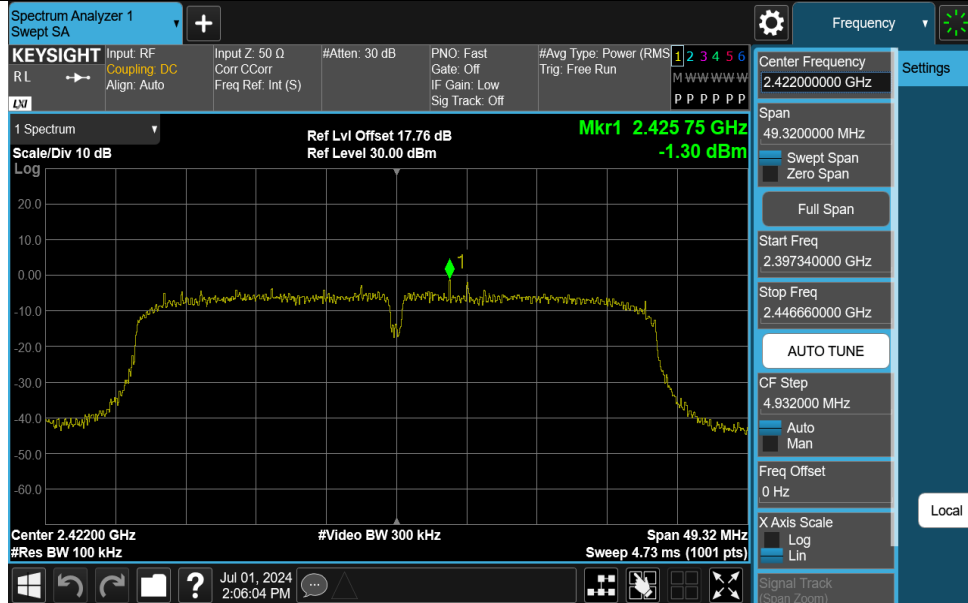
11N20SISO-Ant1-2437-PASS



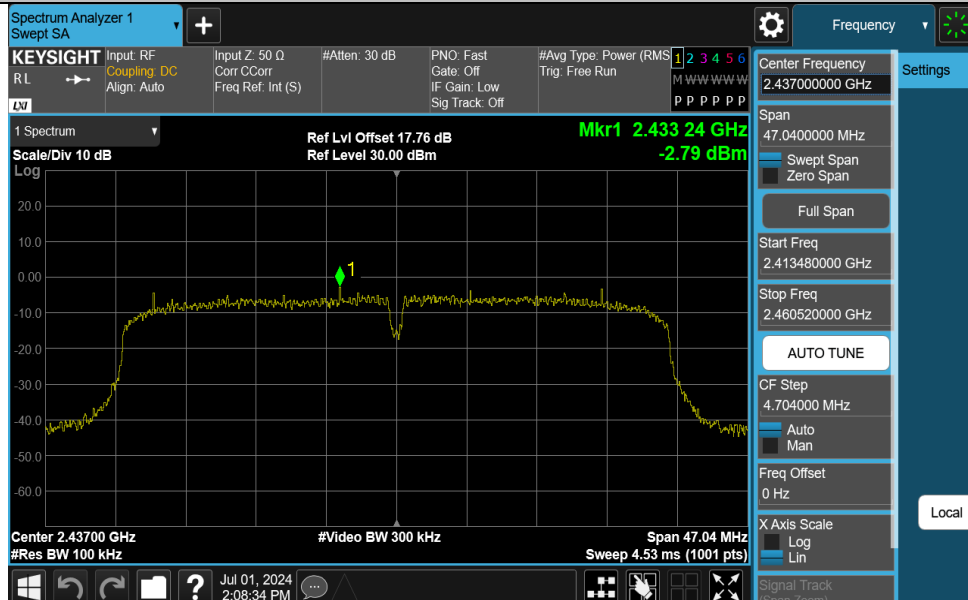
11N20SISO-Ant1-2462-PASS



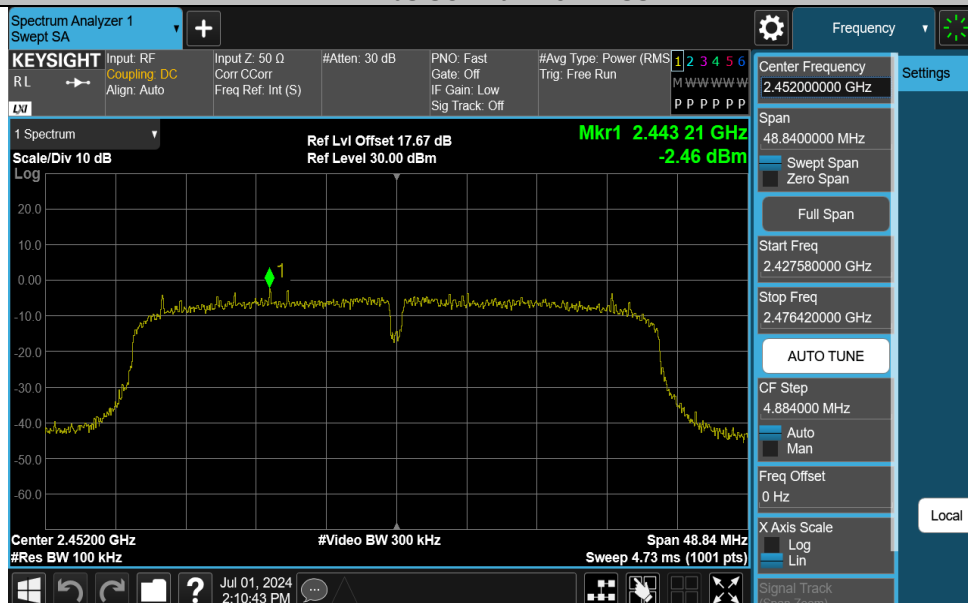
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



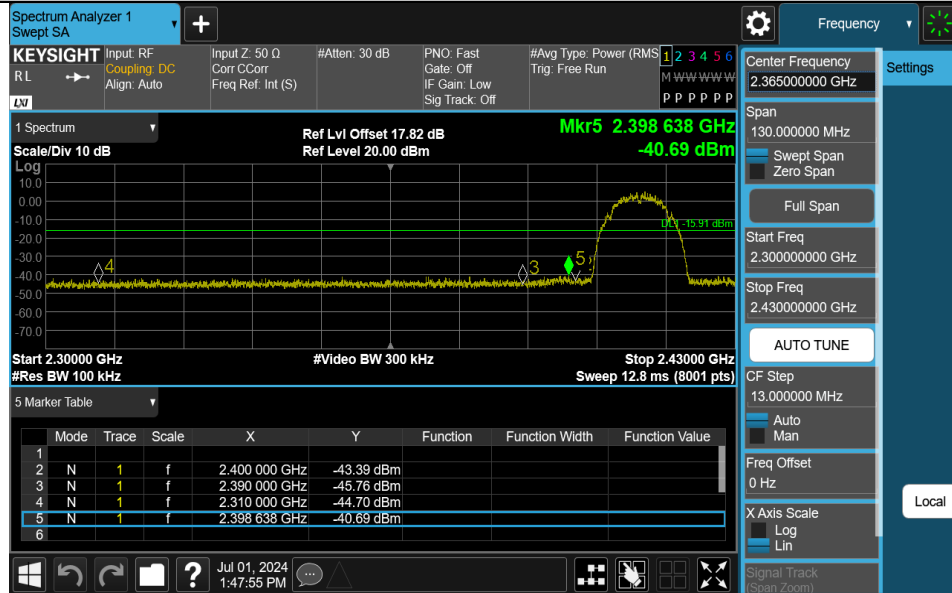
Appendix E: Band edge measurements

Test Result

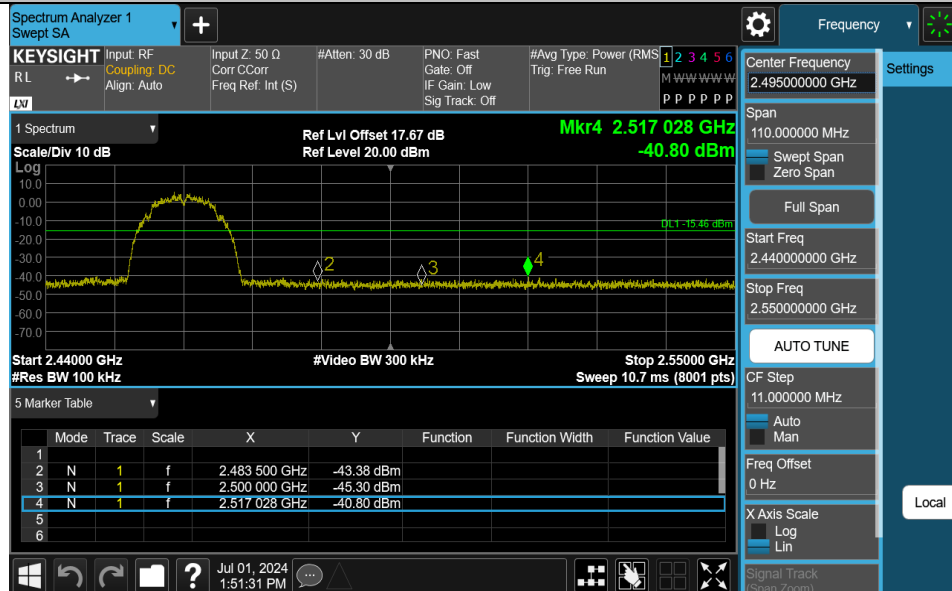
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.09	-40.69	≤ -15.91	PASS
11B	Ant1	High	2462	4.54	-40.8	≤ -15.46	PASS
11G	Ant1	Low	2412	0.88	-36.68	≤ -19.12	PASS
11G	Ant1	High	2462	1.74	-40.58	≤ -18.26	PASS
11N20SISO	Ant1	Low	2412	1.05	-38.15	≤ -18.95	PASS
11N20SISO	Ant1	High	2462	1.27	-41.14	≤ -18.73	PASS
11N40SISO	Ant1	Low	2422	-1.30	-39.32	≤ -21.3	PASS
11N40SISO	Ant1	High	2452	-2.46	-40.75	≤ -22.46	PASS

Test Graphs

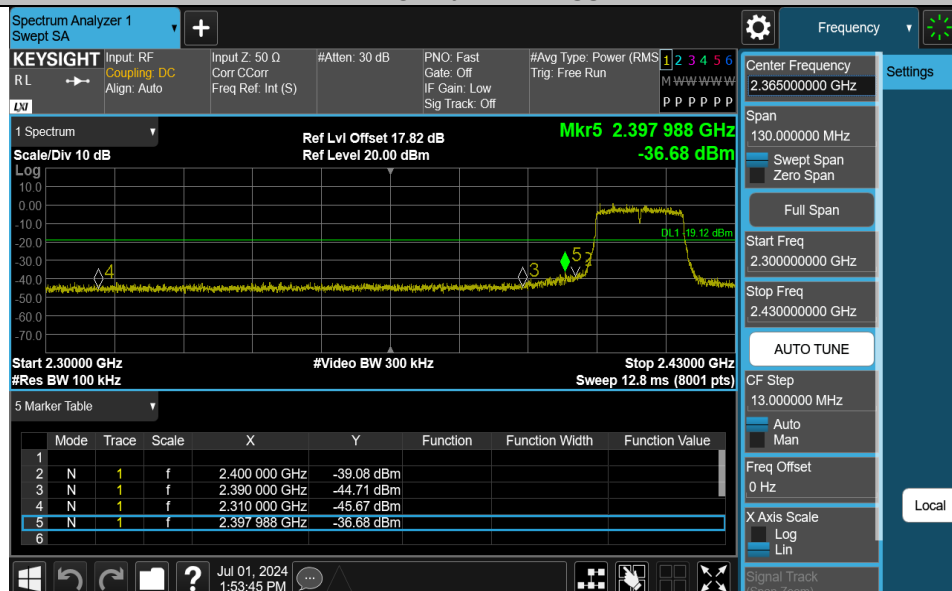
11B-Ant1-2412-PASS



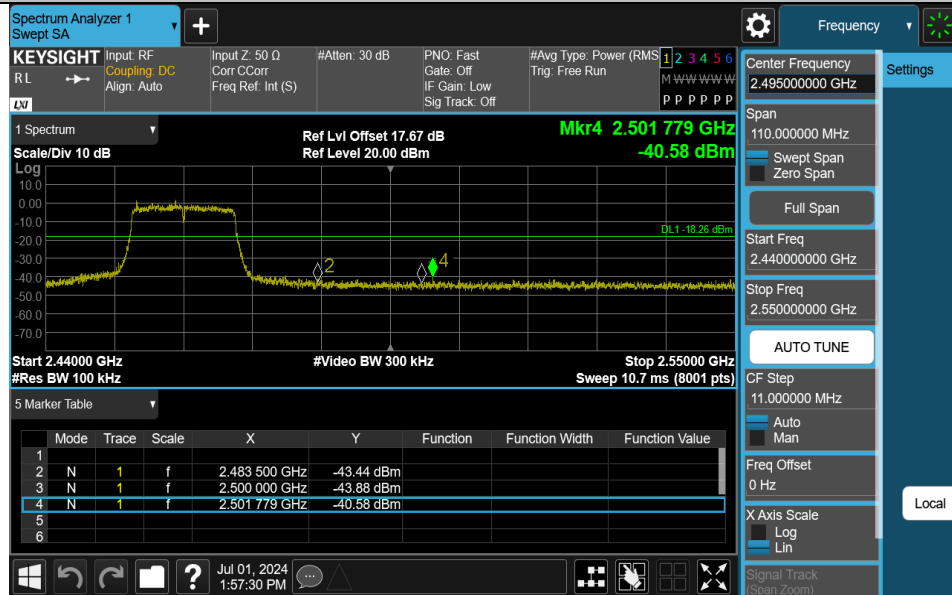
11B-Ant1-2462-PASS



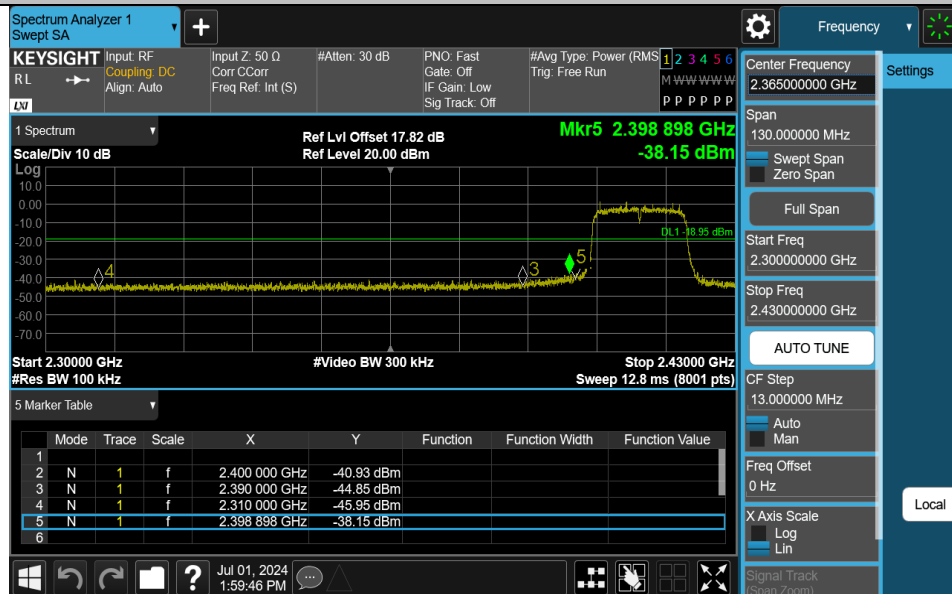
11G-Ant1-2412-PASS



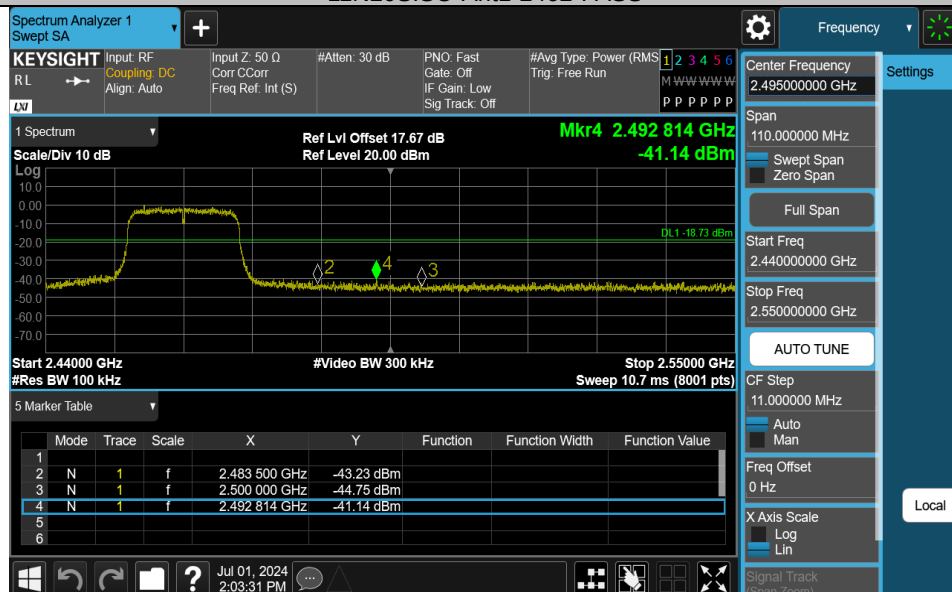
11G-Ant1-2462-PASS



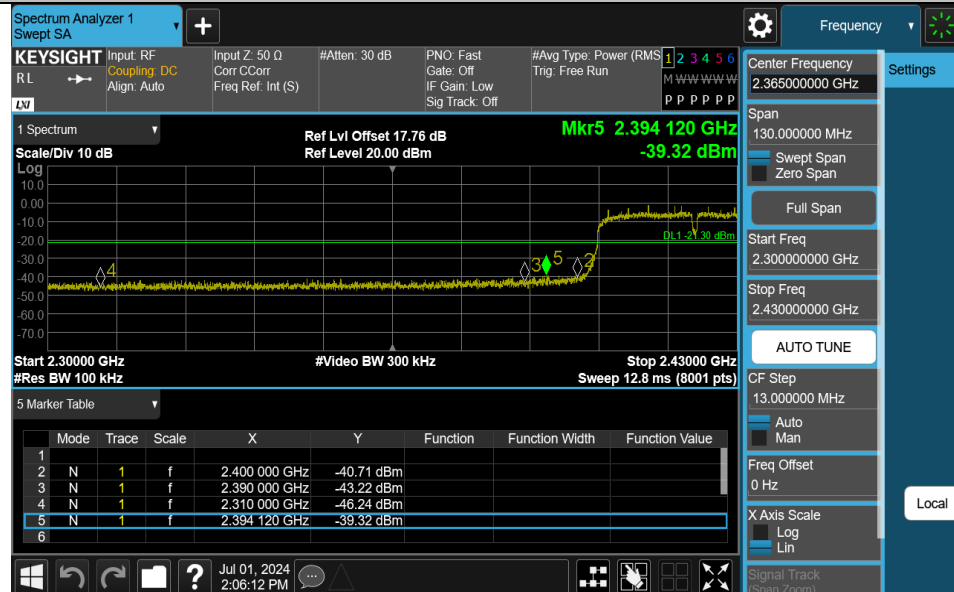
11N20SISO-Ant1-2412-PASS



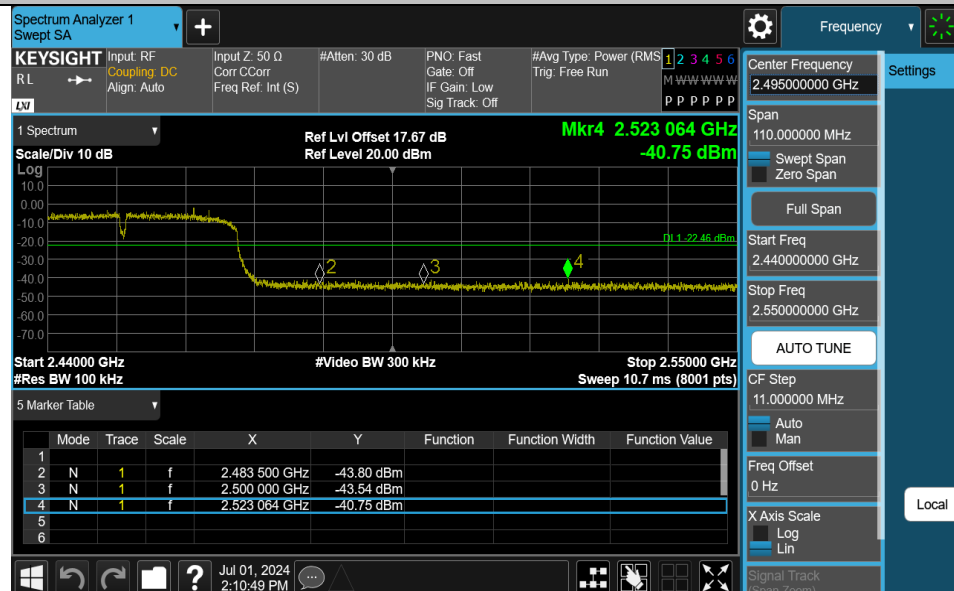
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

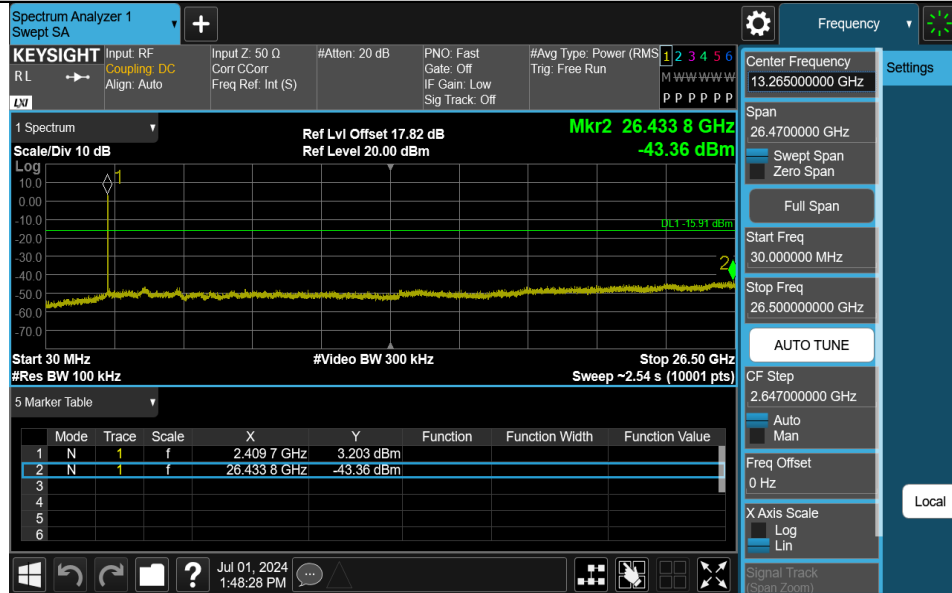


Appendix F: Conducted Spurious Emission Test Result

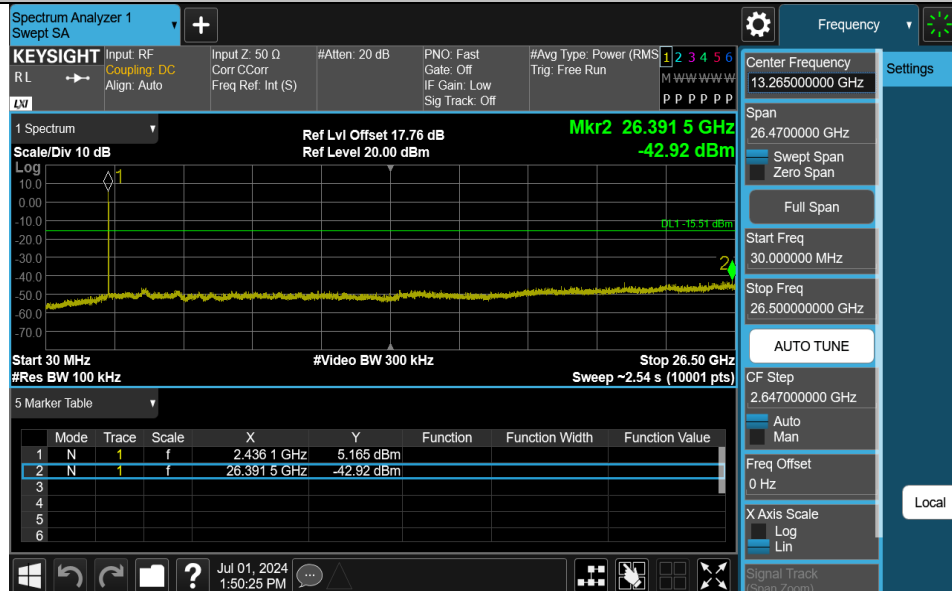
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	4.09	-43.36	≤-15.91	PASS
11B	Ant1	2437	30~26500	4.49	-42.92	≤-15.51	PASS
11B	Ant1	2462	30~26500	4.54	-43.65	≤-15.46	PASS
11G	Ant1	2412	30~26500	0.88	-43.05	≤-19.12	PASS
11G	Ant1	2437	30~26500	0.72	-43.61	≤-19.28	PASS
11G	Ant1	2462	30~26500	1.74	-43.4	≤-18.26	PASS
11N20SISO	Ant1	2412	30~26500	1.05	-42.18	≤-18.95	PASS
11N20SISO	Ant1	2437	30~26500	-0.38	-43.68	≤-20.38	PASS
11N20SISO	Ant1	2462	30~26500	1.27	-43.22	≤-18.73	PASS
11N40SISO	Ant1	2422	30~26500	-1.30	-43.73	≤-21.3	PASS
11N40SISO	Ant1	2437	30~26500	-2.79	-42.72	≤-22.79	PASS
11N40SISO	Ant1	2452	30~26500	-2.46	-42.77	≤-22.46	PASS

Test Graphs

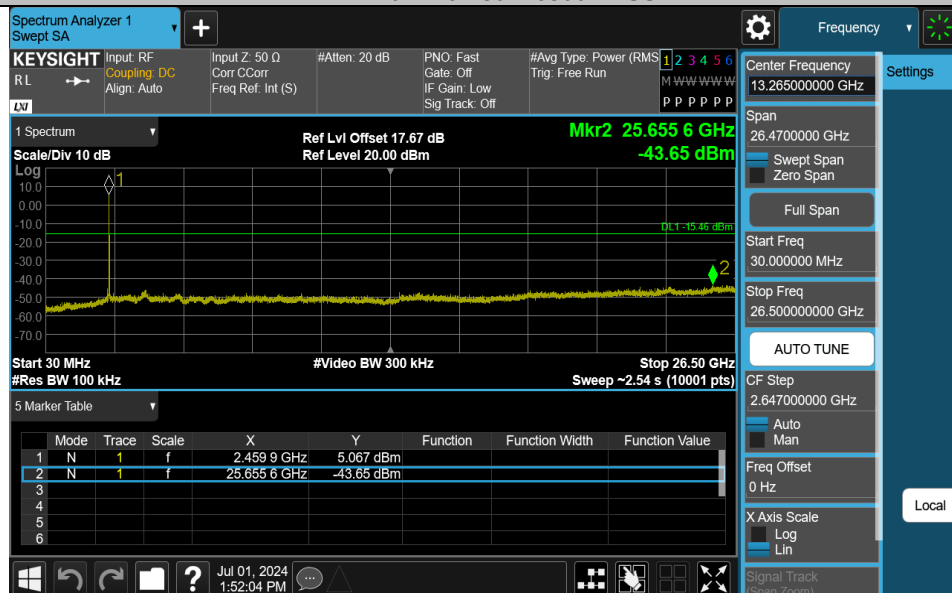
11B-Ant1-2412-30-26500-PASS



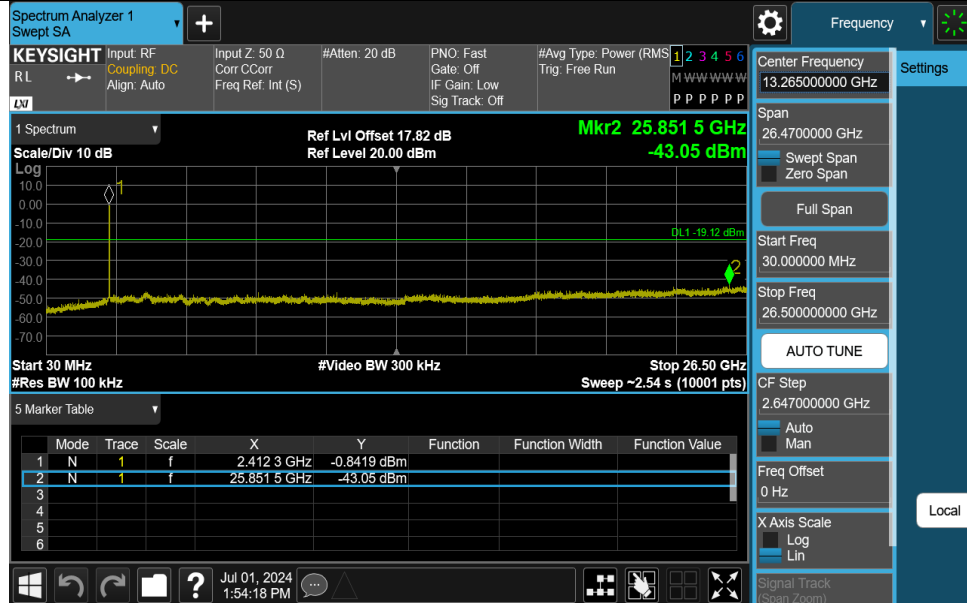
11B-Ant1-2437-30-26500-PASS



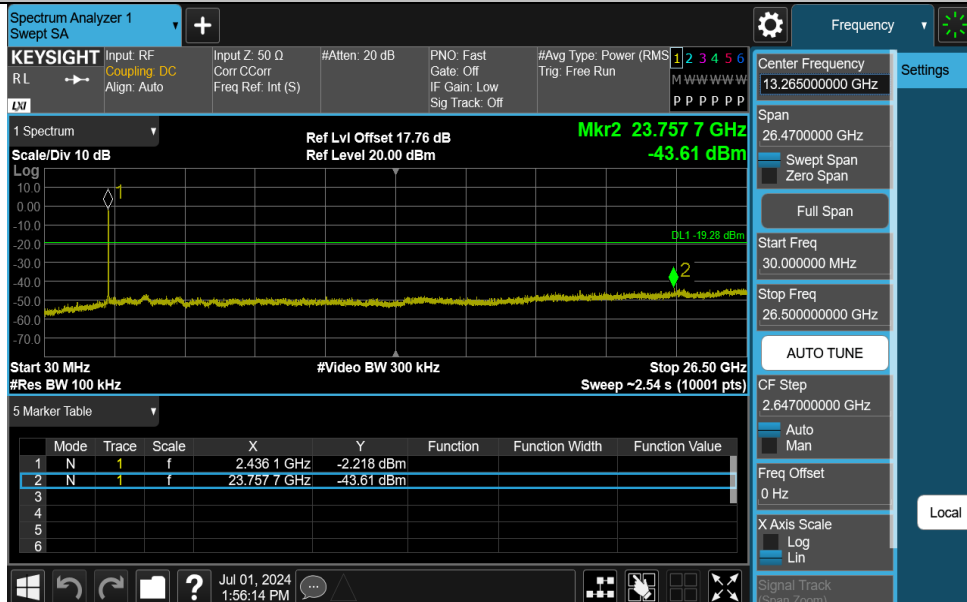
11B-Ant1-2462-30-26500-PASS



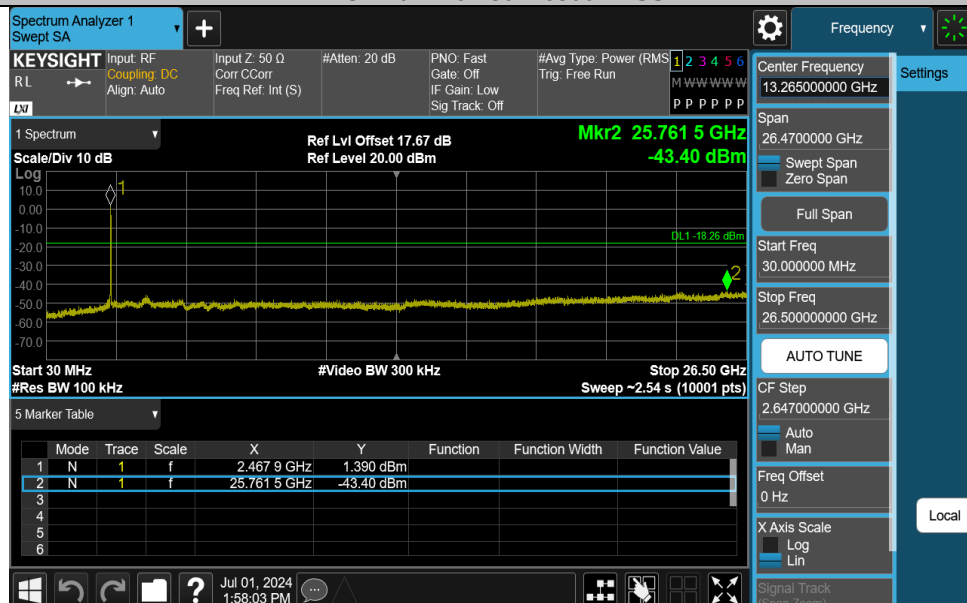
11G-Ant1-2412-30-26500-PASS



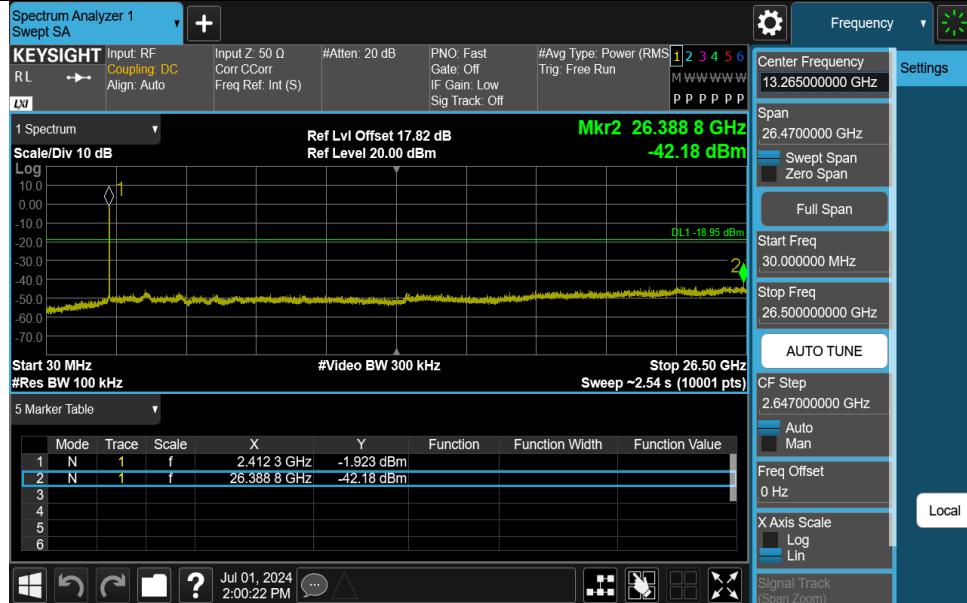
11G-Ant1-2437-30-26500-PASS



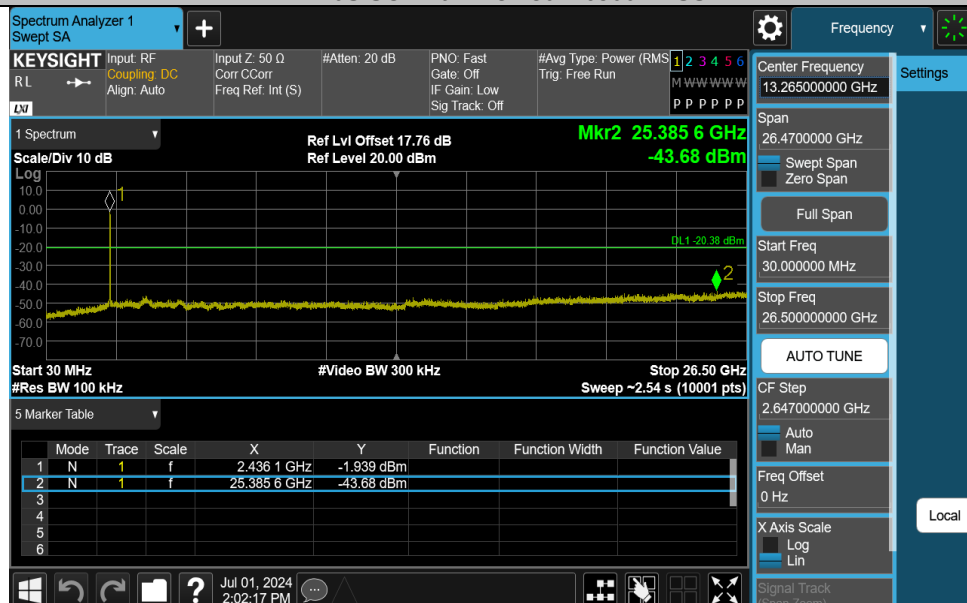
11G-Ant1-2462-30-26500-PASS



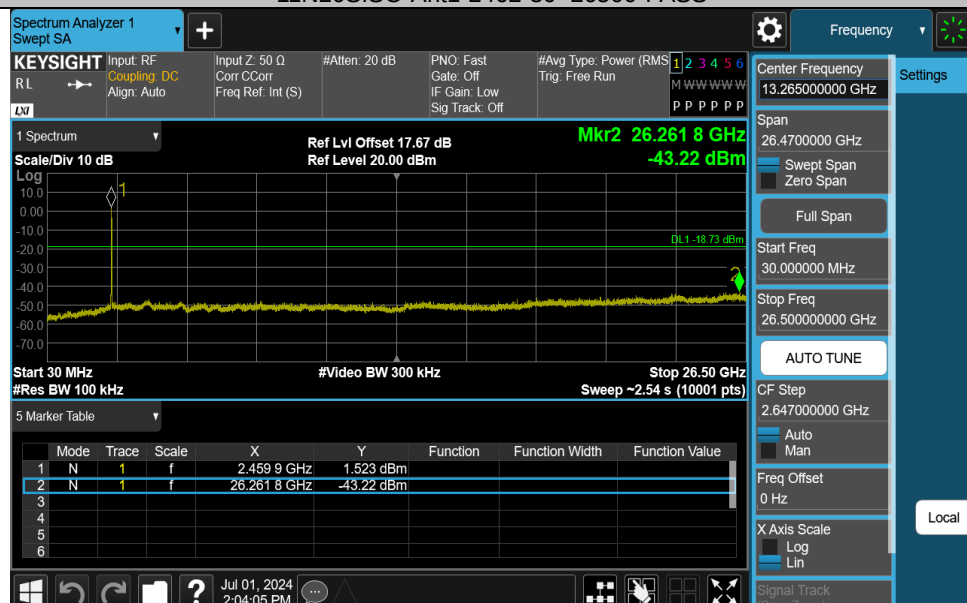
11N20SISO-Ant1-2412-30~26500-PASS



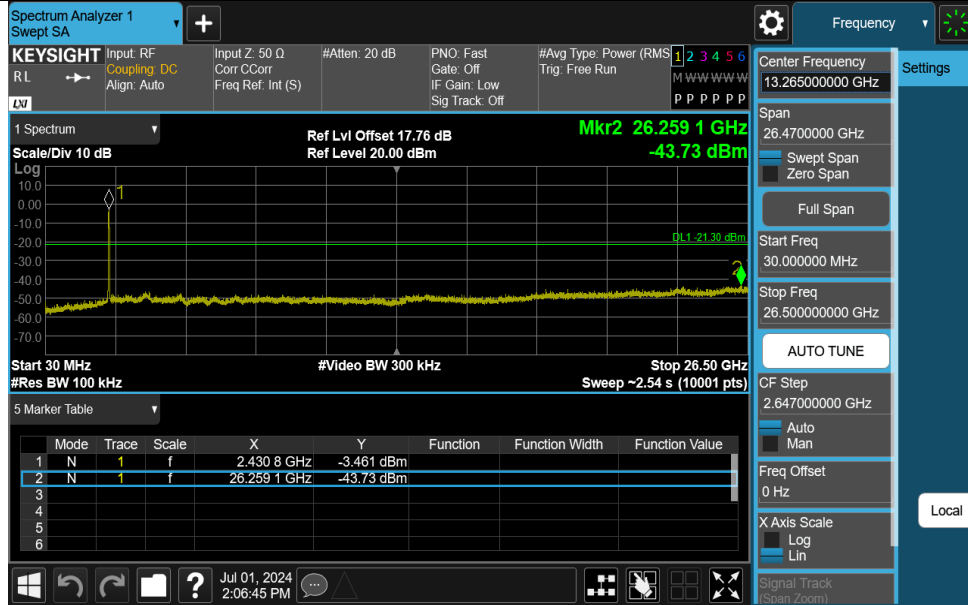
11N20SISO-Ant1-2437-30~26500-PASS



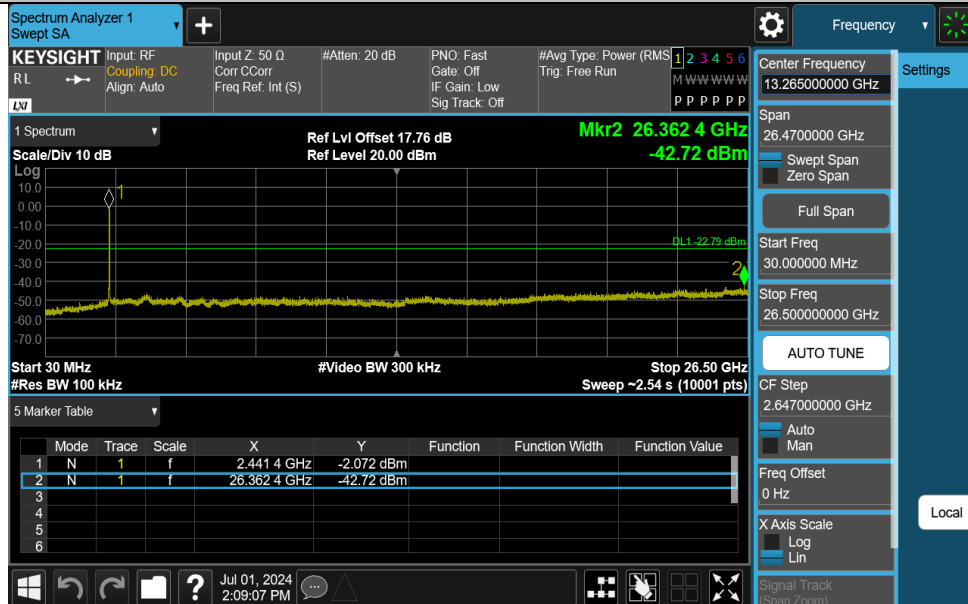
11N20SISO-Ant1-2462-30~26500-PASS



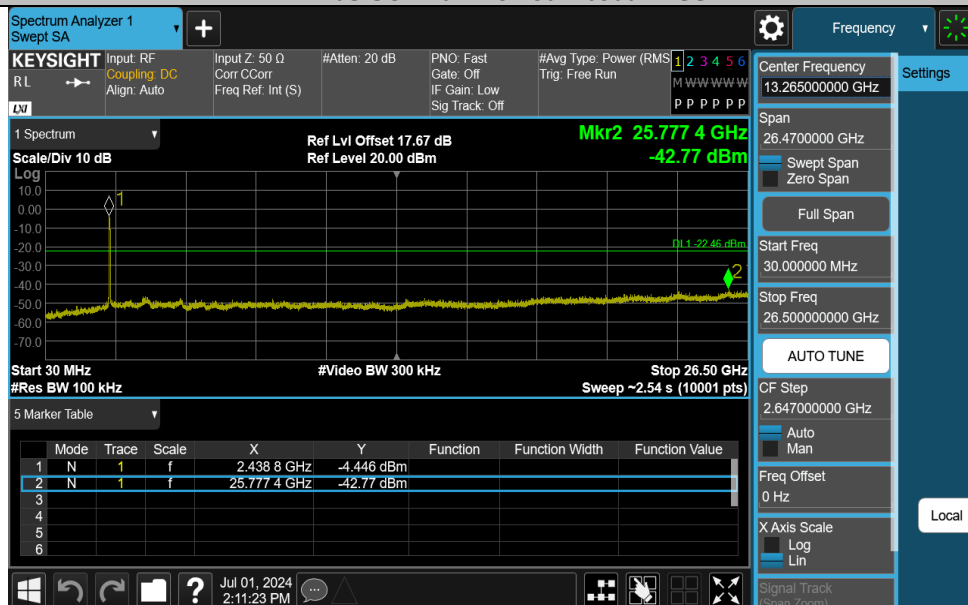
11N40SISO-Ant1-2422-30~26500-PASS



11N40SISO-Ant1-2437-30~26500-PASS



11N40SISO-Ant1-2452-30~26500-PASS



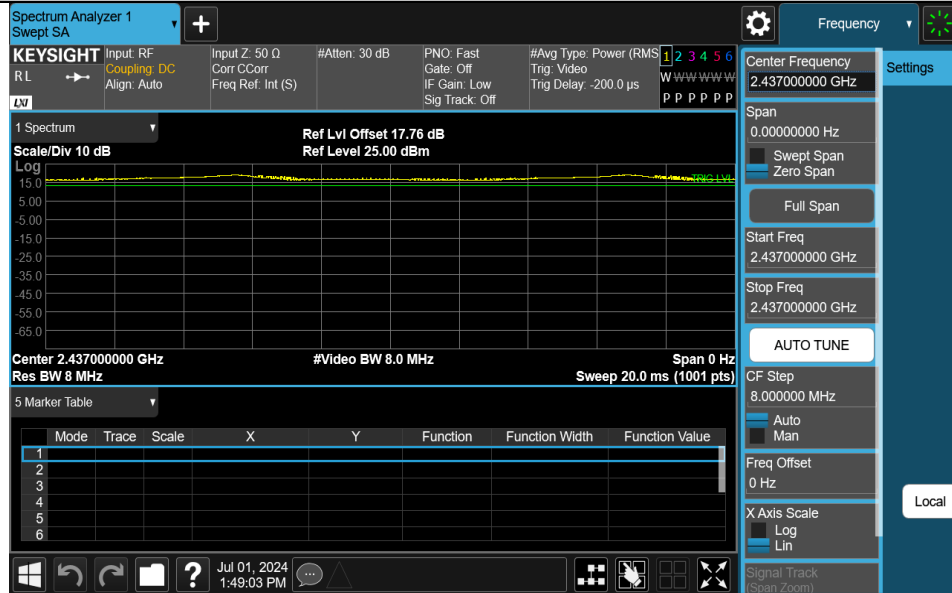


Appendix G: Duty Cycle Test Result

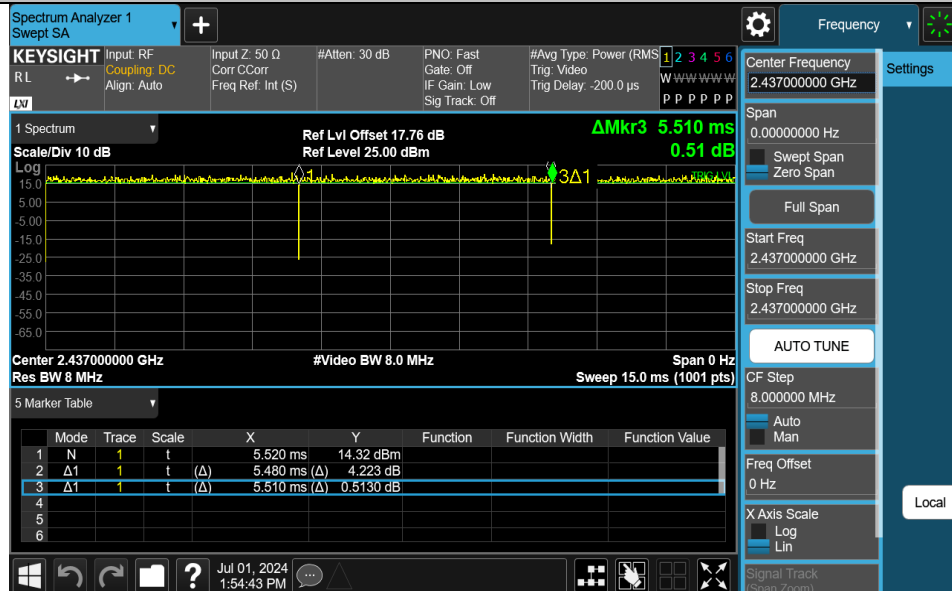
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	20.00	20.00	100.00
11G	Ant1	2437	5.48	5.51	99.46
11N20SISO	Ant1	2437	5.08	5.10	99.61
11N40SISO	Ant1	2437	2.46	2.49	98.80

Test Graphs

NTNV-11B-Ant1-2437



NTNV-11G-Ant1-2437



NTNV-11N20SISO-Ant1-2437

