



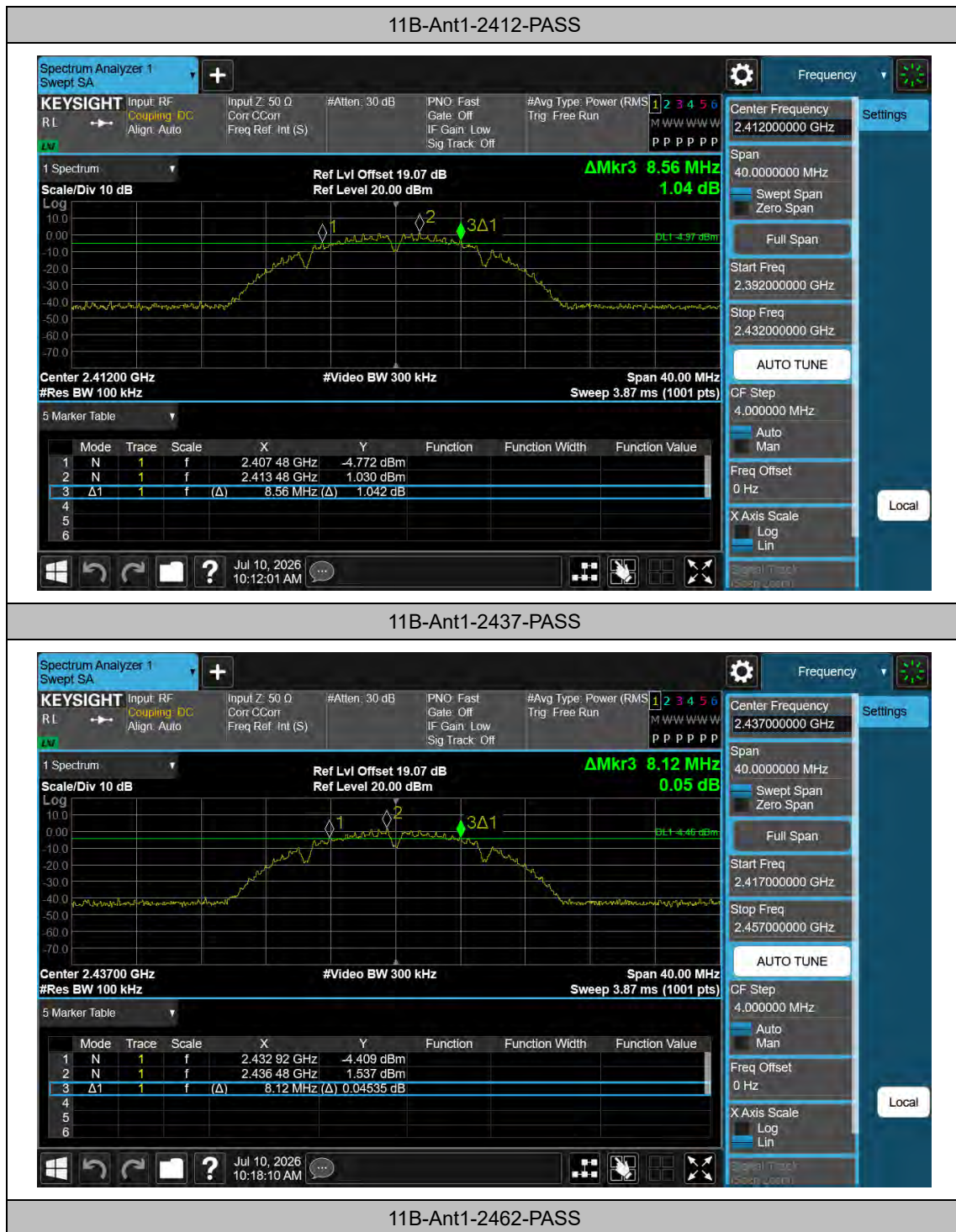
Appendix A: DTS Bandwidth

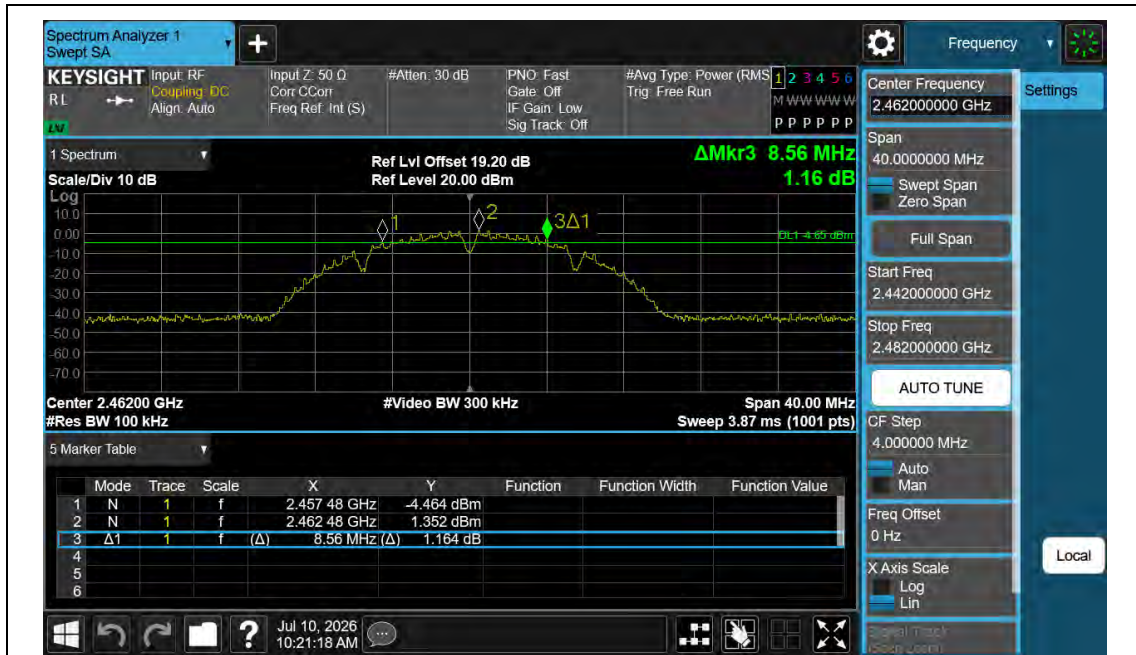
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.560	2407.480	2416.040	0.5	PASS
11B	Ant1	2437	8.120	2432.920	2441.040	0.5	PASS
11B	Ant1	2462	8.560	2457.480	2466.040	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
11G	Ant1	2437	16.360	2428.840	2445.200	0.5	PASS
11G	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
11N20SISO	Ant1	2437	17.600	2428.200	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.360	2453.240	2470.600	0.5	PASS
11N40SISO	Ant1	2422	35.840	2404.080	2439.920	0.5	PASS
11N40SISO	Ant1	2437	35.440	2419.480	2454.920	0.5	PASS
11N40SISO	Ant1	2452	35.520	2434.480	2470.000	0.5	PASS

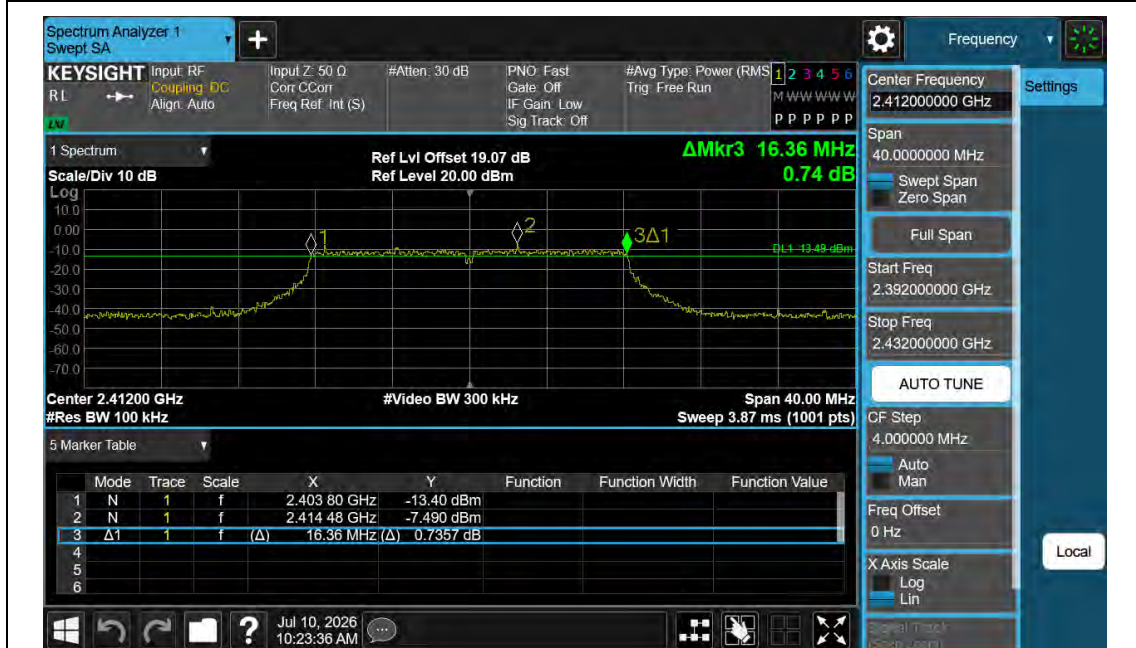


Test Graphs

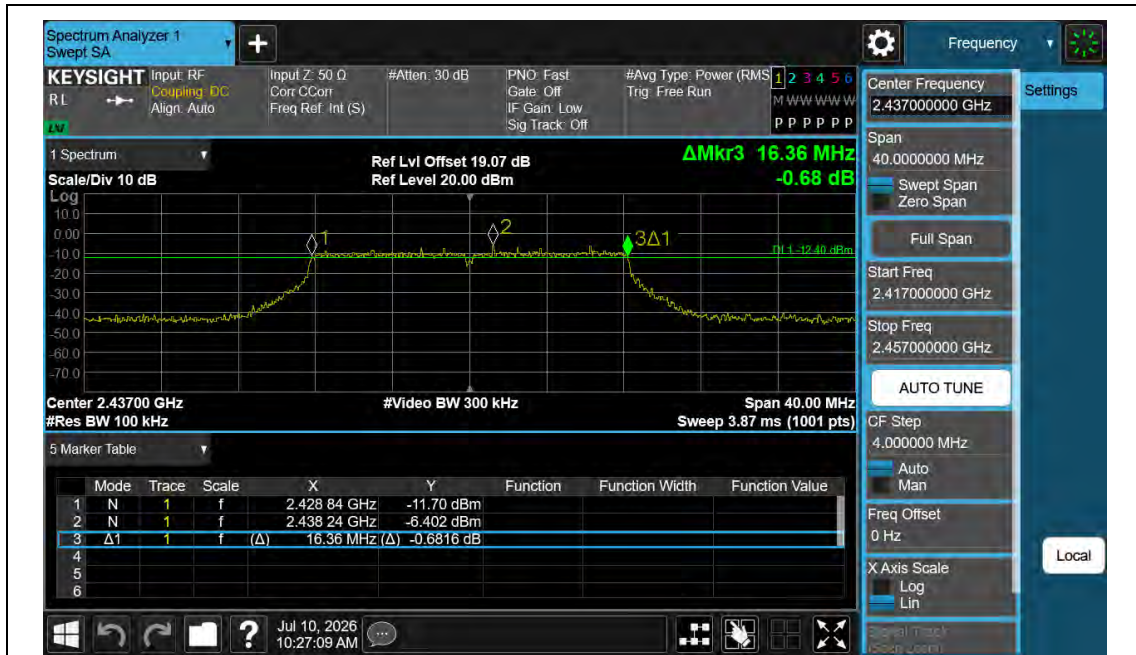




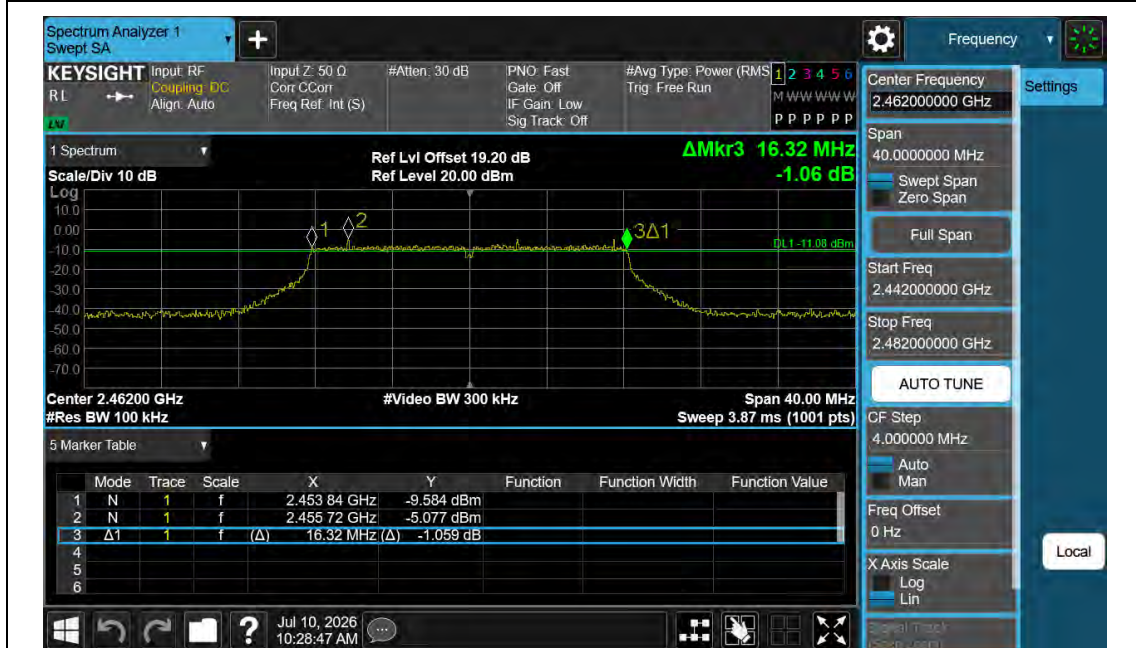
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



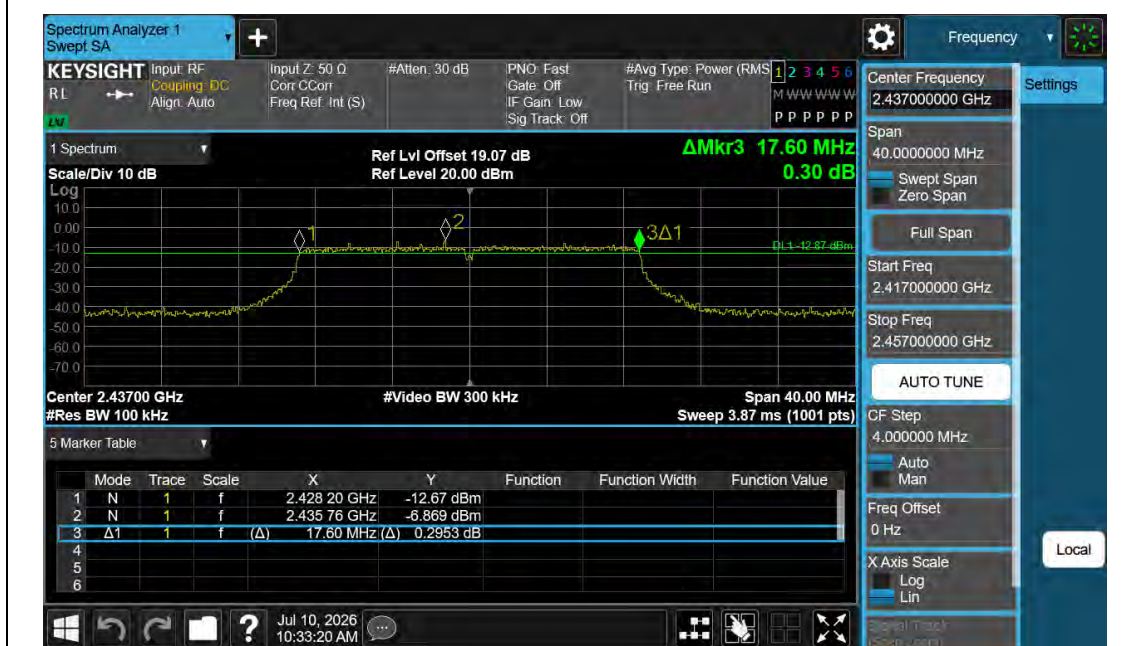
11G-Ant1-2462-PASS



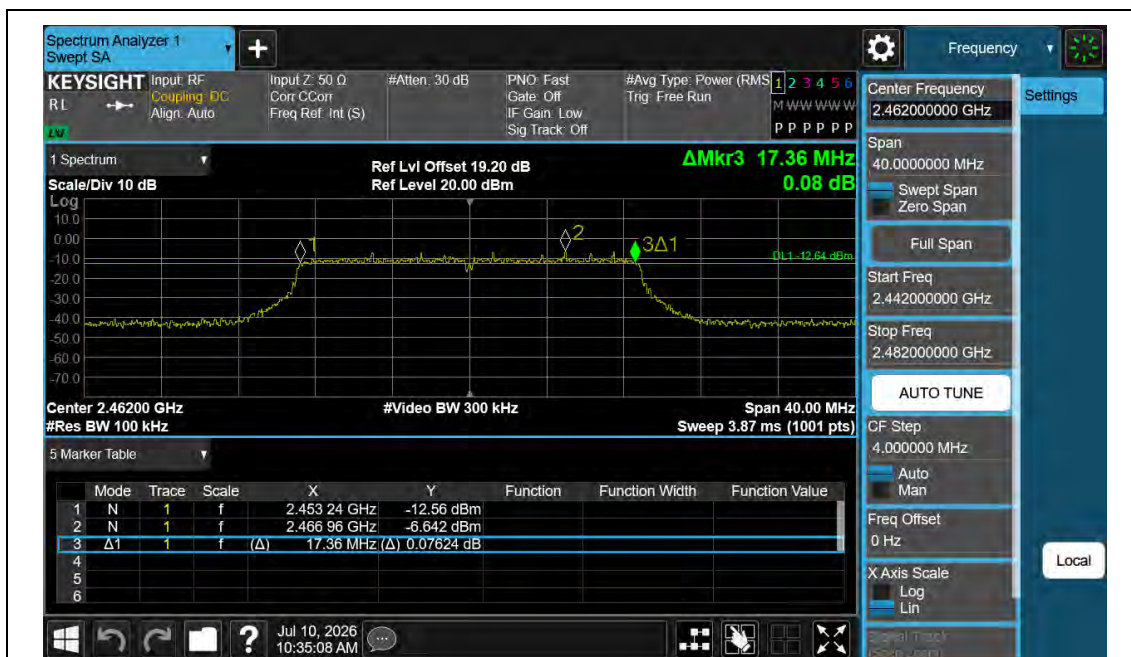
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



Appendix B: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	11.17	≤30.00	PASS
11B	Ant1	2437	11.58	≤30.00	PASS
11B	Ant1	2462	11.74	≤30.00	PASS
11G	Ant1	2412	10.12	≤30.00	PASS
11G	Ant1	2437	10.59	≤30.00	PASS
11G	Ant1	2462	10.49	≤30.00	PASS
11N20SISO	Ant1	2412	10.20	≤30.00	PASS
11N20SISO	Ant1	2437	10.57	≤30.00	PASS
11N20SISO	Ant1	2462	10.31	≤30.00	PASS
11N40SISO	Ant1	2422	10.63	≤30.00	PASS
11N40SISO	Ant1	2437	10.76	≤30.00	PASS
11N40SISO	Ant1	2452	10.21	≤30.00	PASS

Note: The Duty Cycle Factor is compensated in the graph.



Test Graphs





11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



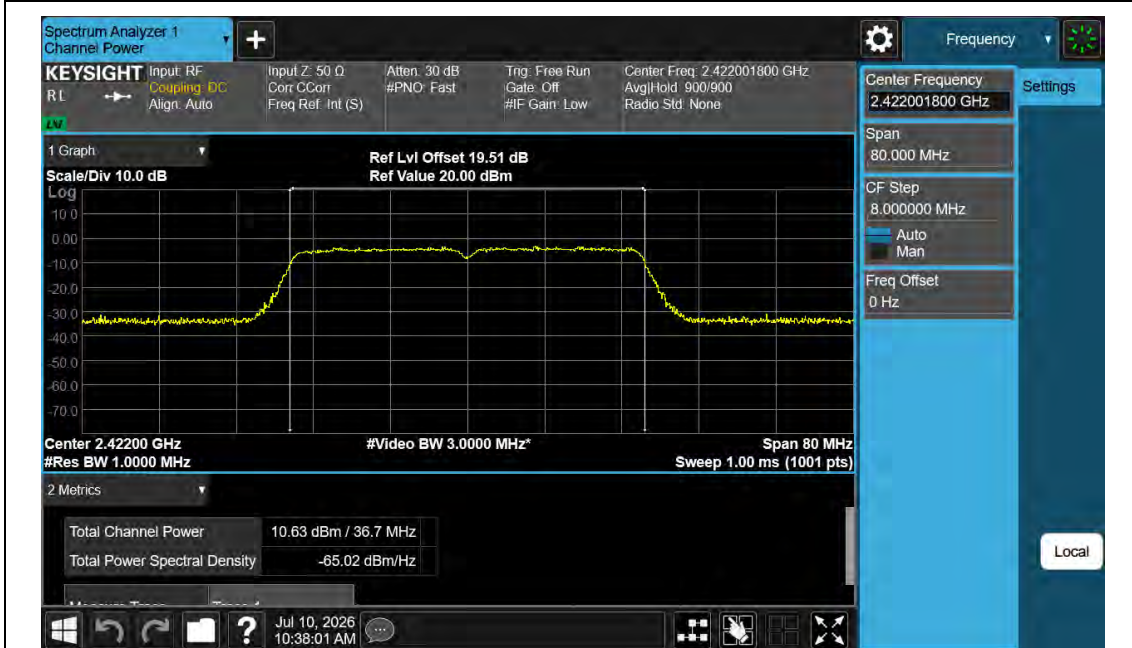
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



Appendix C: Maximum power spectral density

Test Result

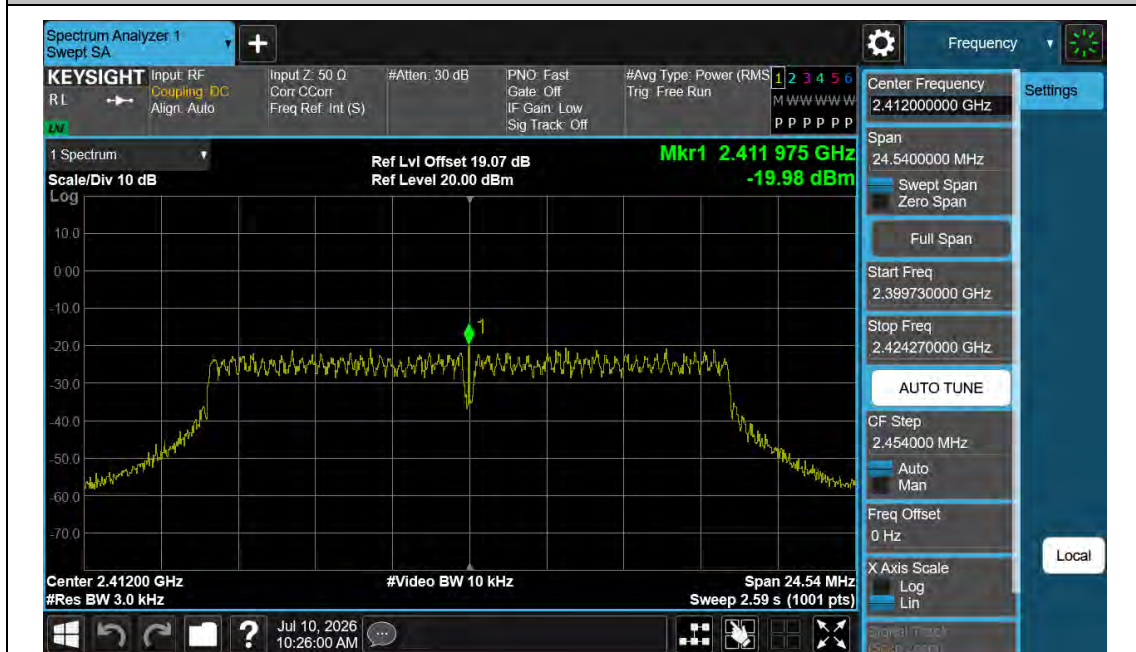
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.10	≤8.00	PASS
11B	Ant1	2437	-12.28	≤8.00	PASS
11B	Ant1	2462	-12.10	≤8.00	PASS
11G	Ant1	2412	-19.98	≤8.00	PASS
11G	Ant1	2437	-19.67	≤8.00	PASS
11G	Ant1	2462	-18.16	≤8.00	PASS
11N20SISO	Ant1	2412	-19.91	≤8.00	PASS
11N20SISO	Ant1	2437	-19.66	≤8.00	PASS
11N20SISO	Ant1	2462	-18.31	≤8.00	PASS
11N40SISO	Ant1	2422	-19.94	≤8.00	PASS
11N40SISO	Ant1	2437	-19.77	≤8.00	PASS
11N40SISO	Ant1	2452	-18.91	≤8.00	PASS

Test Graphs





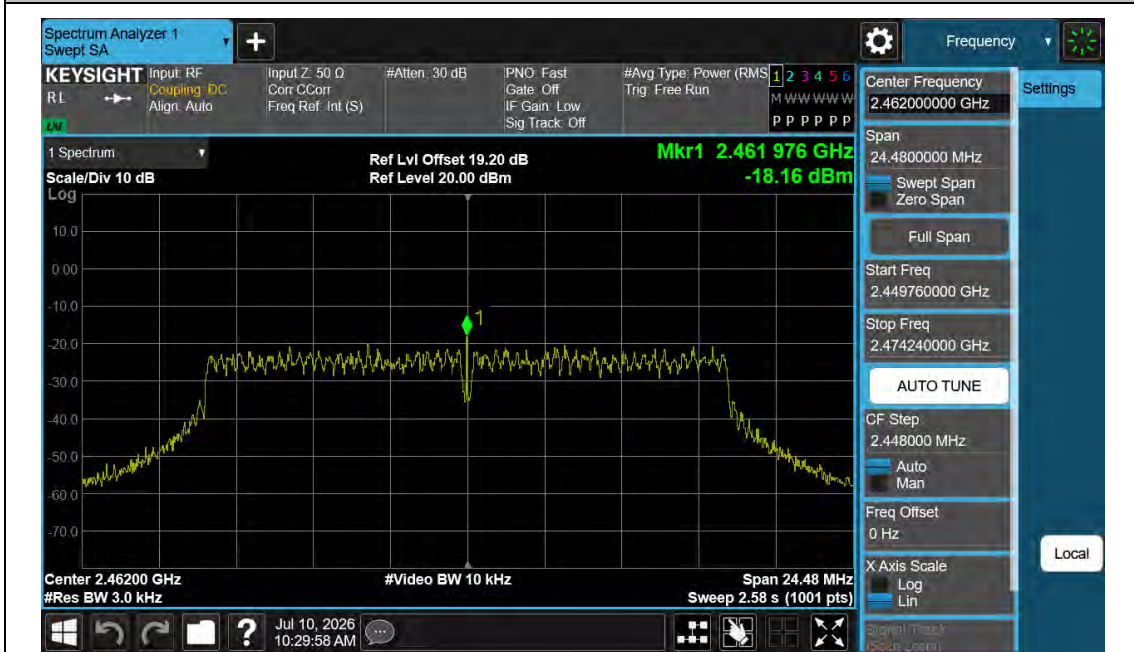
11G-Ant1-2412-PASS



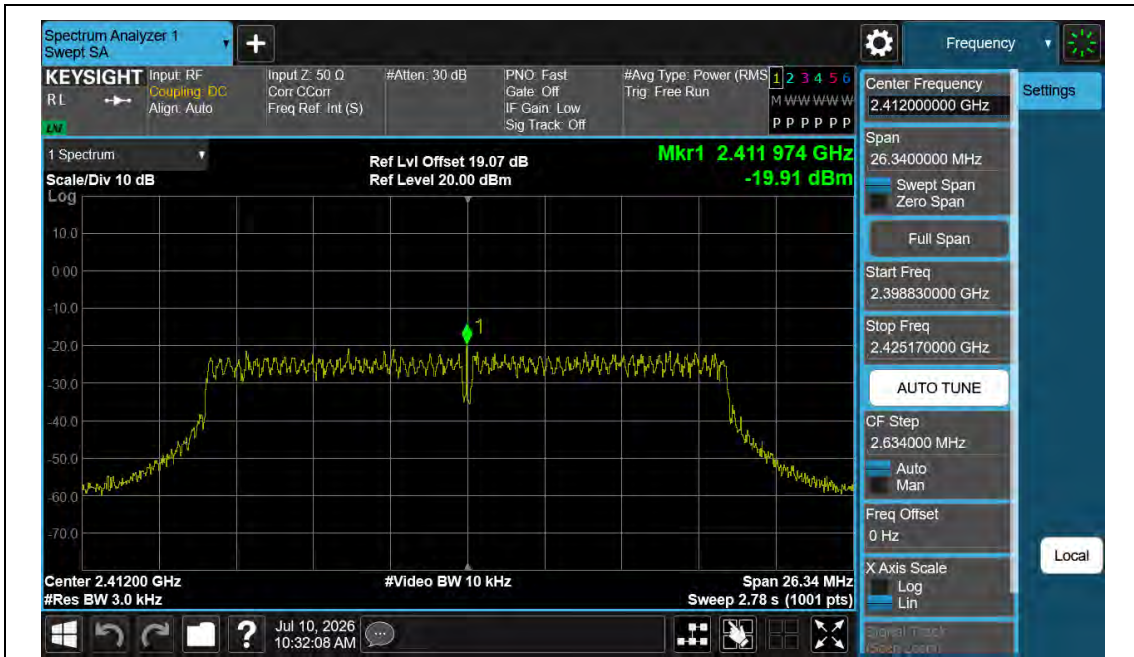
11G-Ant1-2437-PASS



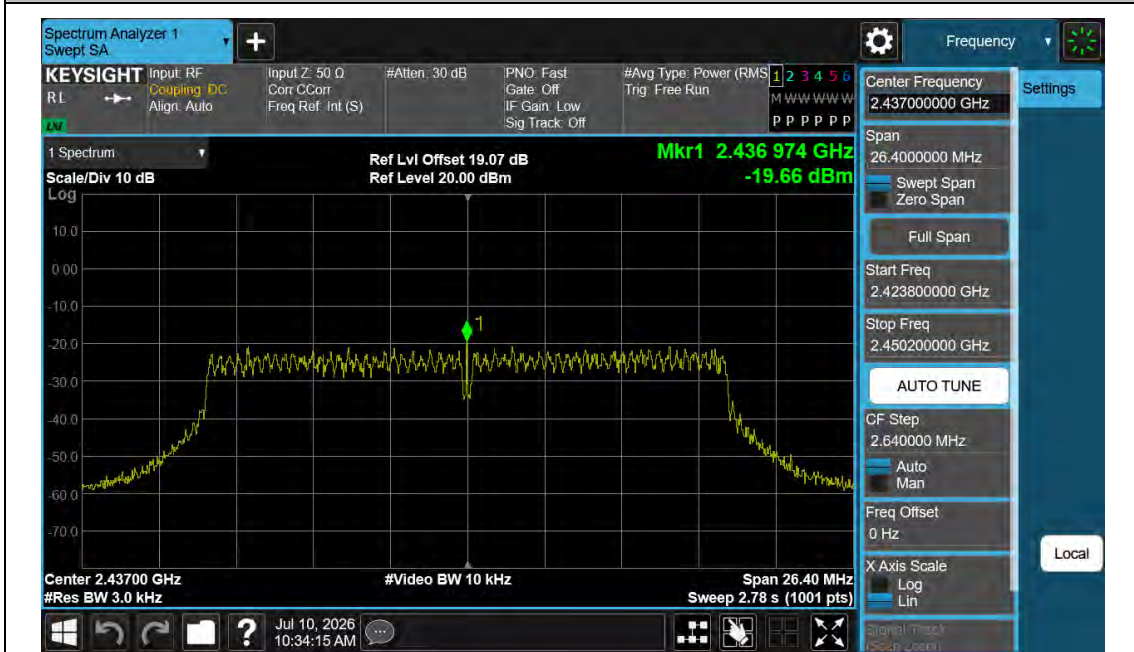
11G-Ant1-2462-PASS



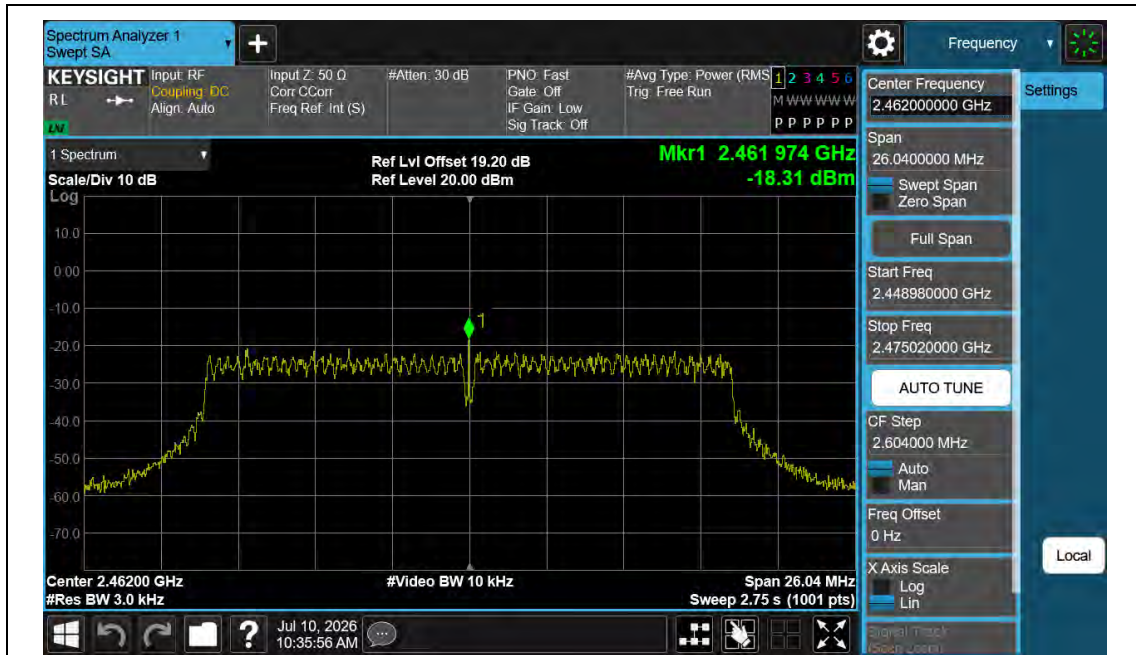
11N20SISO-Ant1-2412-PASS



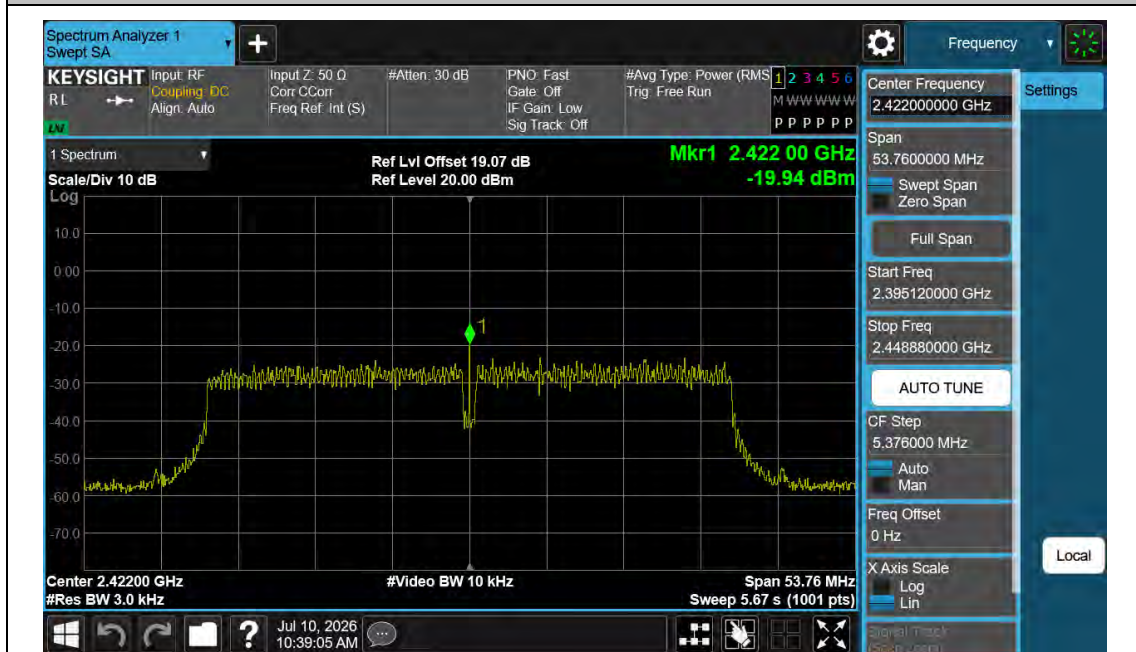
11N20SISO-Ant1-2437-PASS



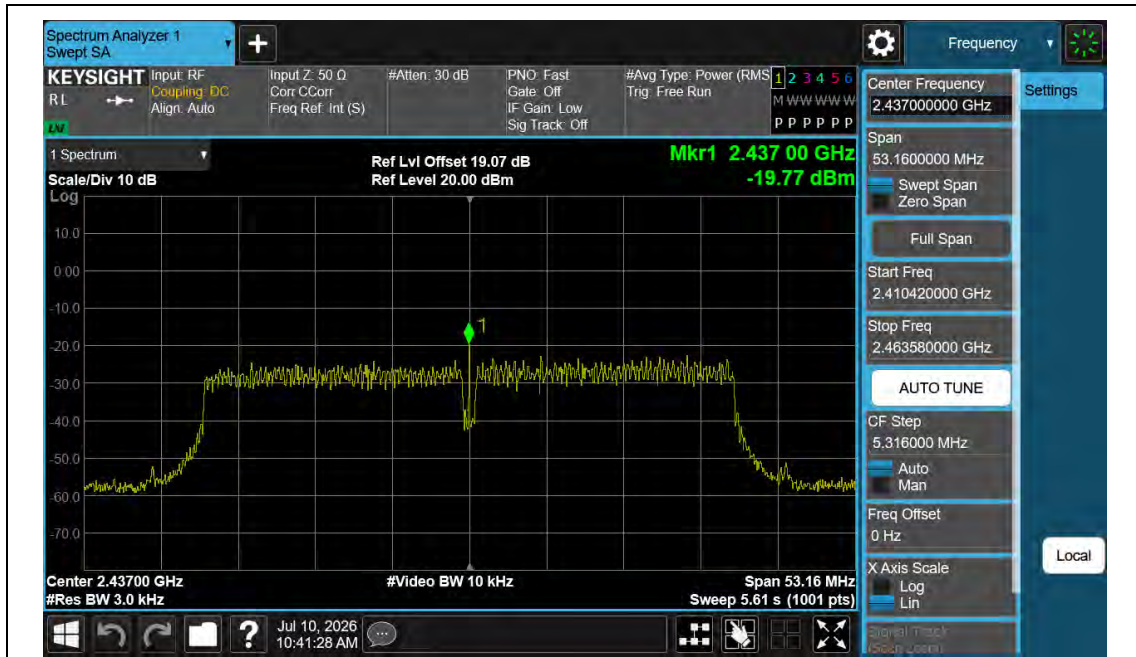
11N20SISO-Ant1-2462-PASS



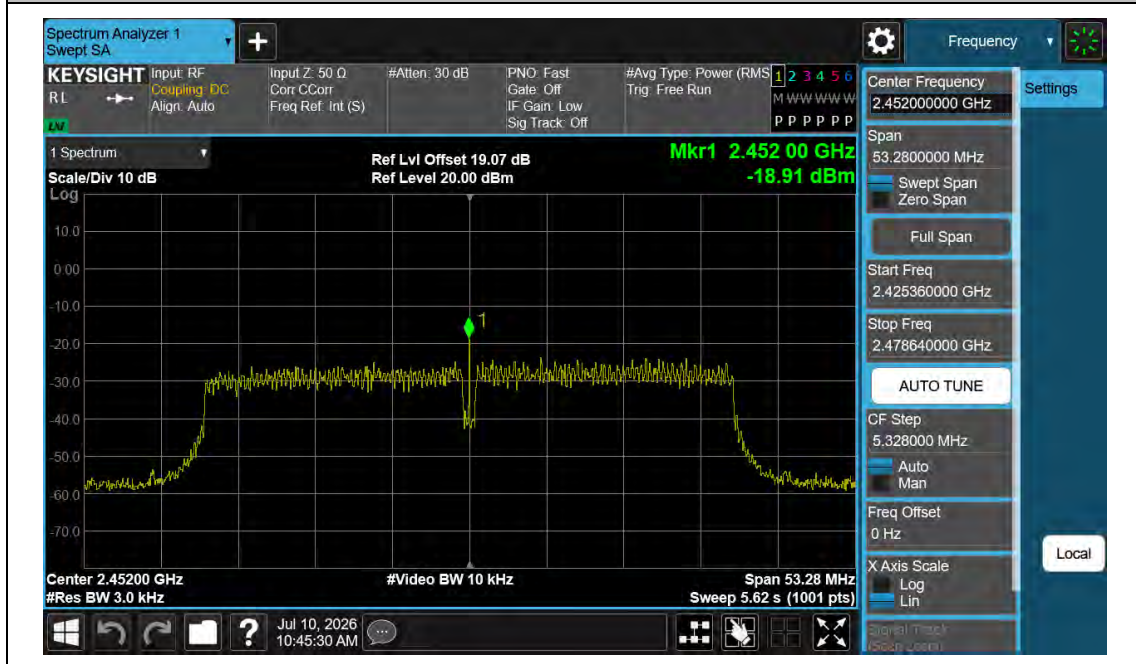
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



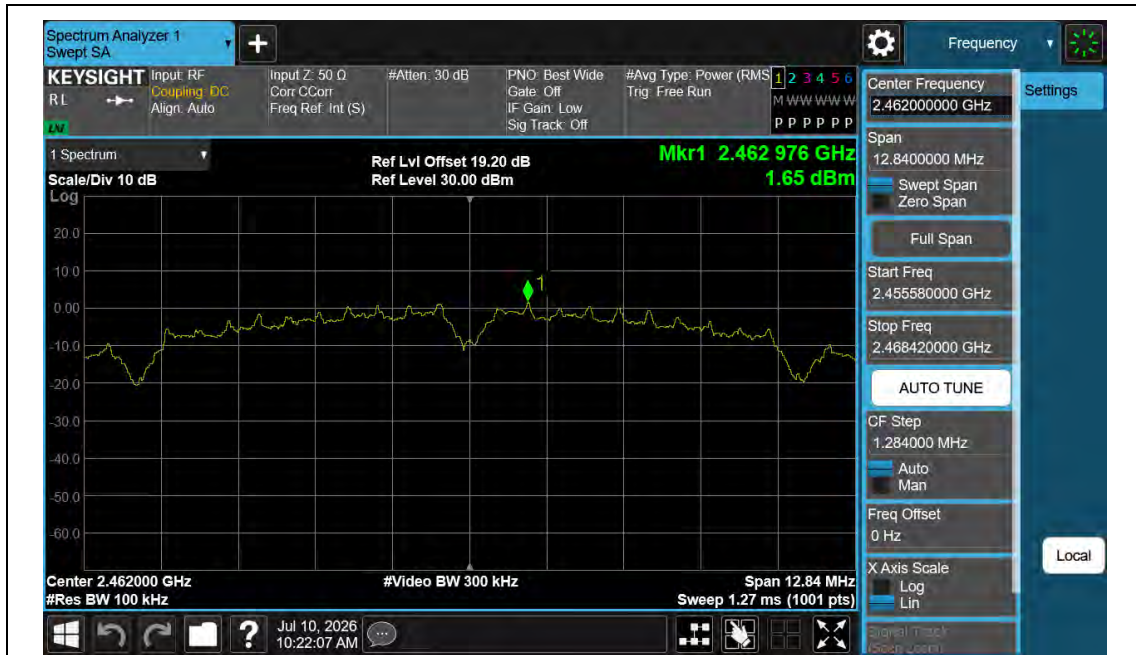
Appendix D: Reference level measurement

Test Result

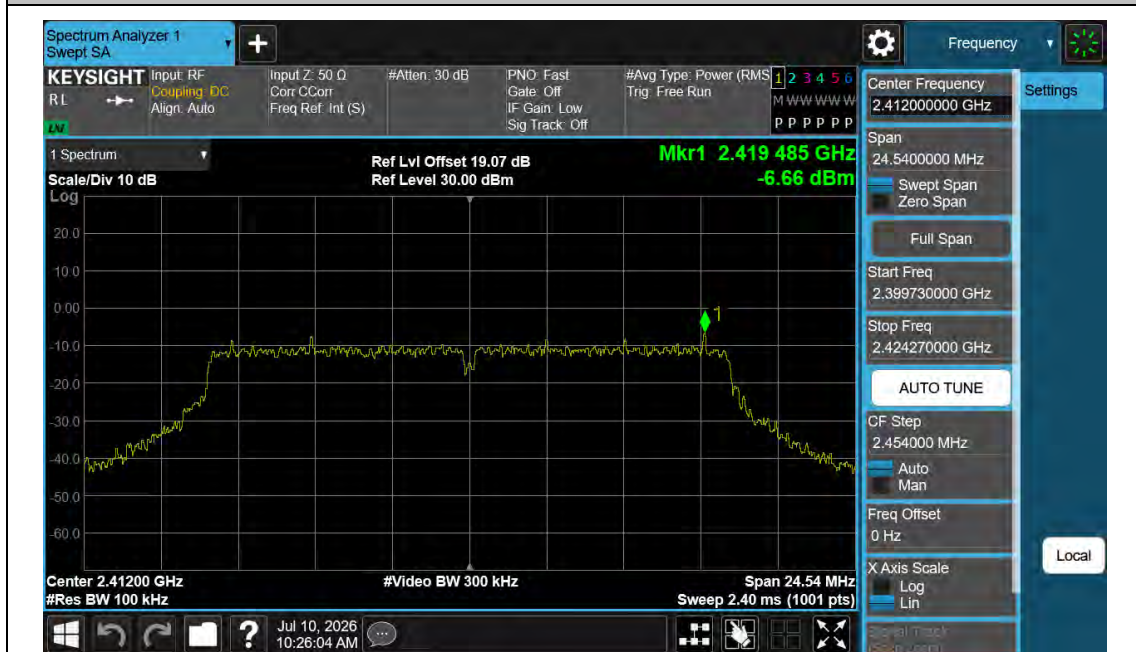
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2410.99	0.93
11B	Ant1	2437	2436.49	1.27
11B	Ant1	2462	2462.98	1.65
11G	Ant1	2412	2419.48	-6.66
11G	Ant1	2437	2438.25	-5.88
11G	Ant1	2462	2456.98	-6.74
11N20SISO	Ant1	2412	2413.24	-6.68
11N20SISO	Ant1	2437	2438.27	-5.84
11N20SISO	Ant1	2462	2455.72	-6.77
11N40SISO	Ant1	2422	2434.47	-9.48
11N40SISO	Ant1	2437	2449.49	-9.08
11N40SISO	Ant1	2452	2463.30	-9.57

Test Graphs





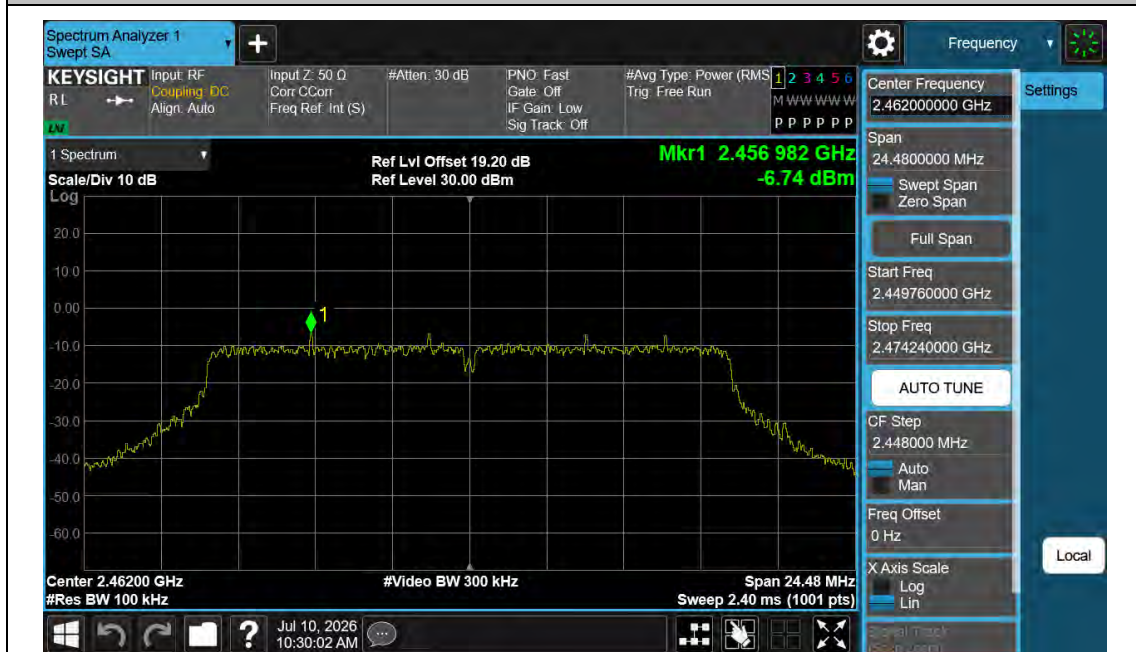
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



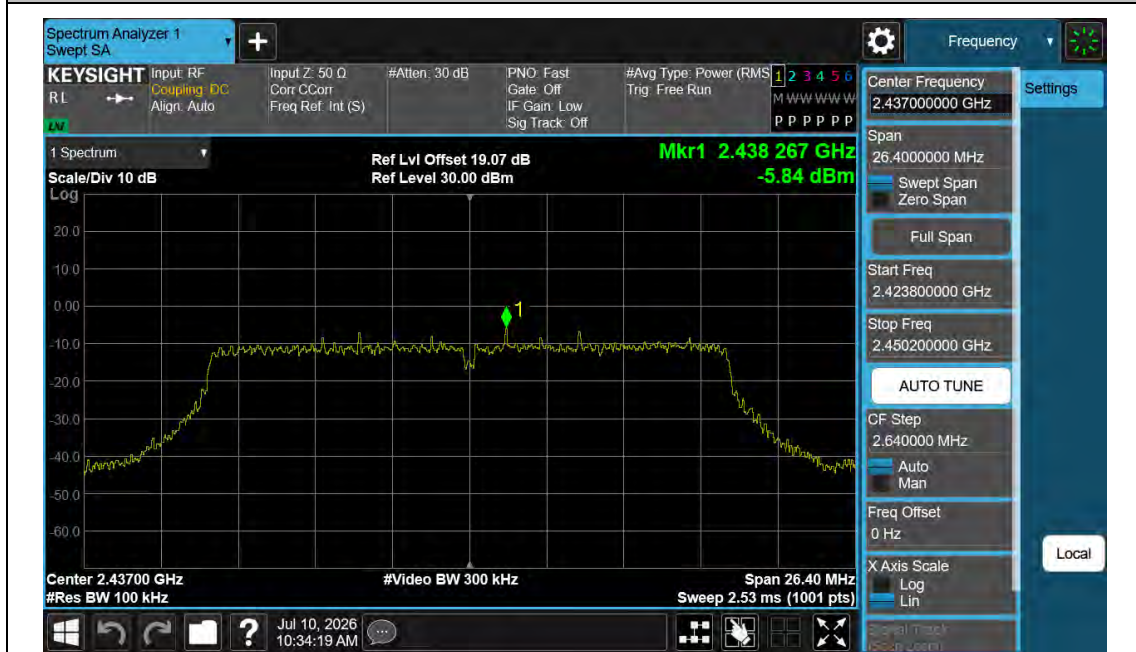
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



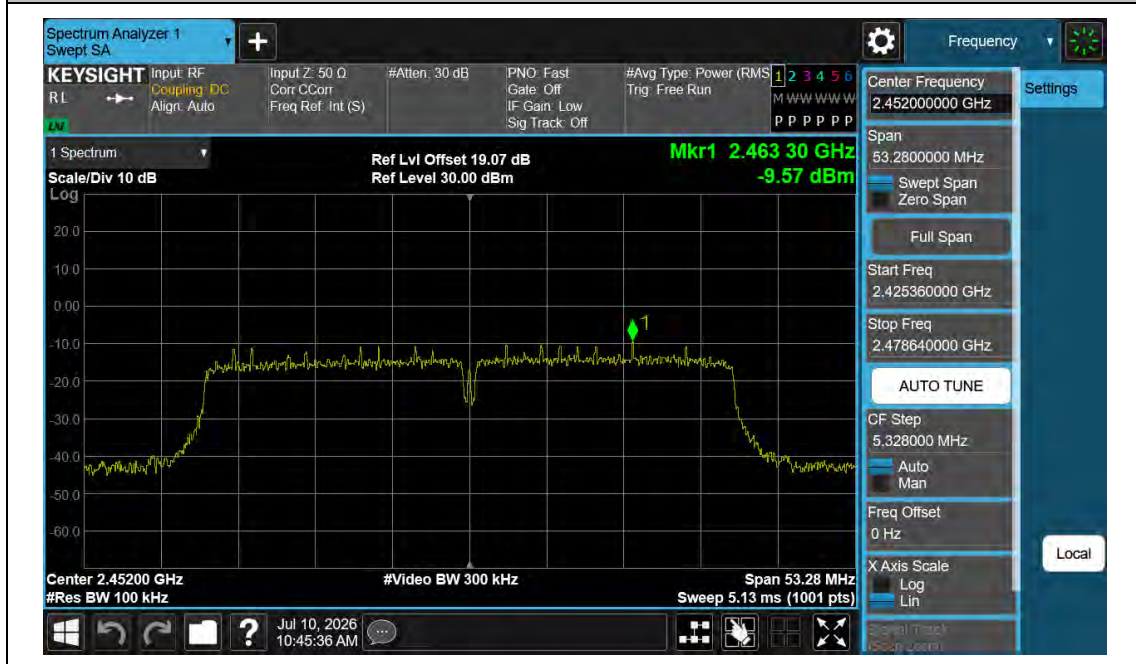
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



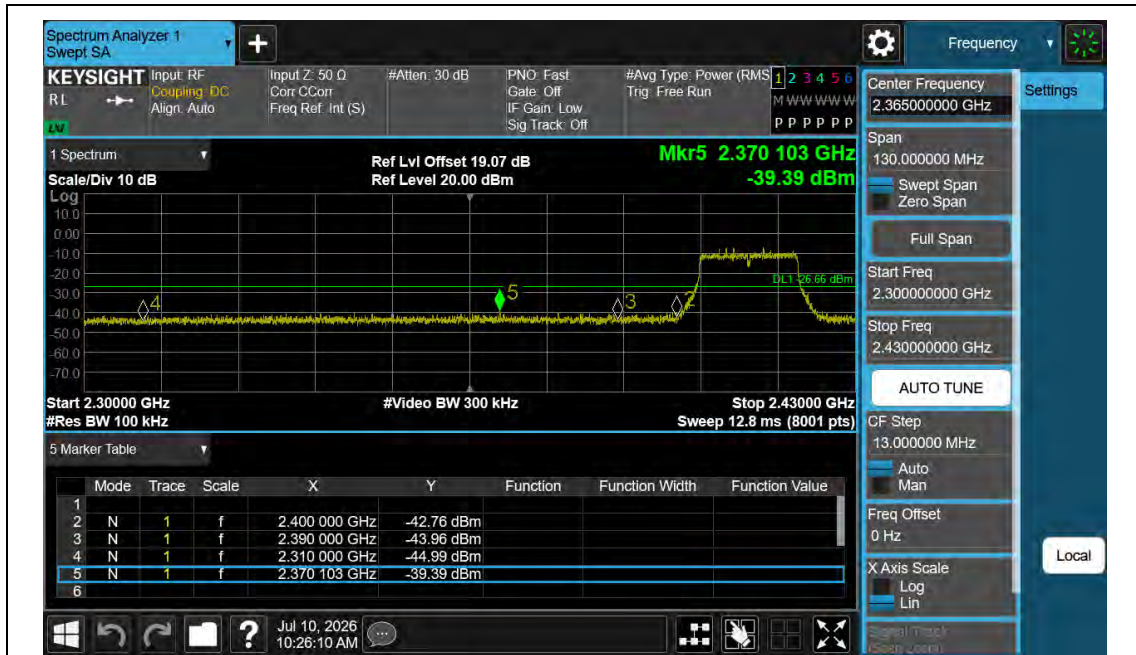
Appendix E: Band edge measurements

Test Result

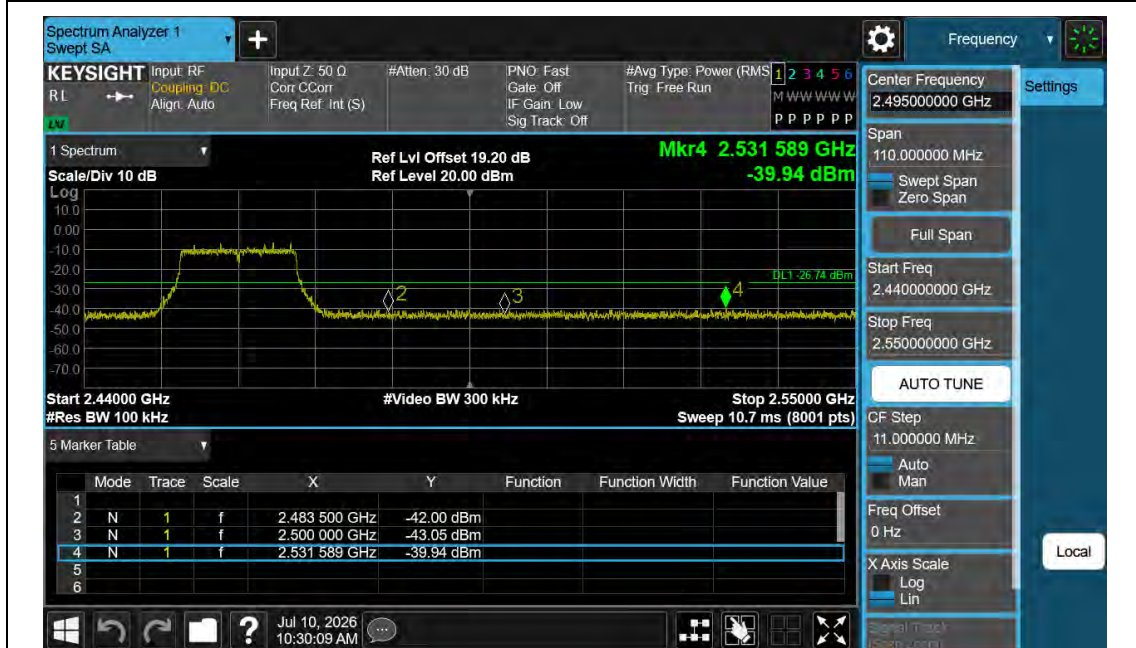
TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	0.93	-38.91	≤-19.07	PASS
11B	Ant1	High	2462	1.65	-39.86	≤-18.35	PASS
11G	Ant1	Low	2412	-6.66	-39.39	≤-26.66	PASS
11G	Ant1	High	2462	-6.74	-39.94	≤-26.74	PASS
11N20SISO	Ant1	Low	2412	-6.68	-39.64	≤-26.68	PASS
11N20SISO	Ant1	High	2462	-6.77	-39.3	≤-26.77	PASS
11N40SISO	Ant1	Low	2422	-9.48	-39.58	≤-29.48	PASS
11N40SISO	Ant1	High	2452	-9.57	-39.68	≤-29.57	PASS

Test Graphs

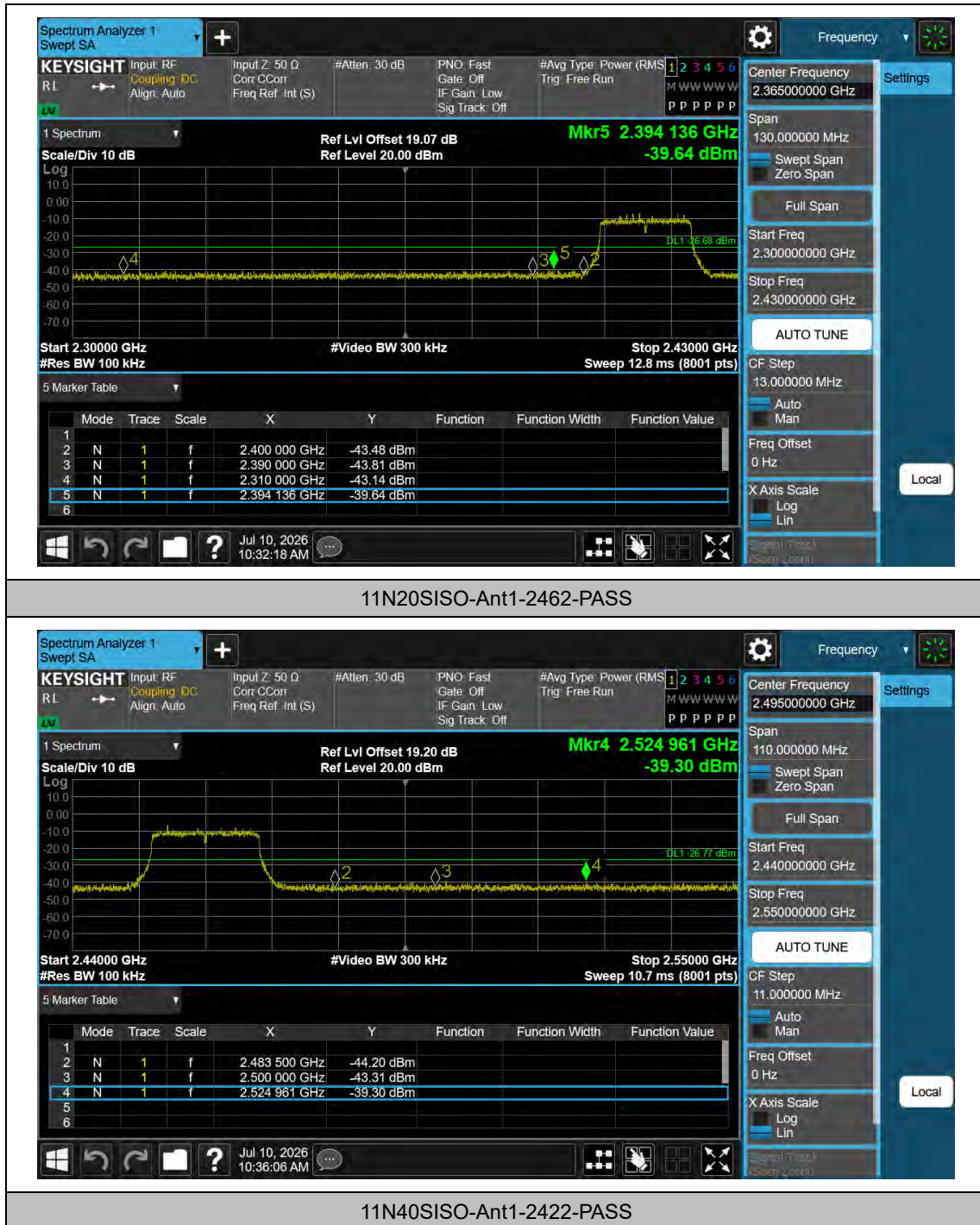


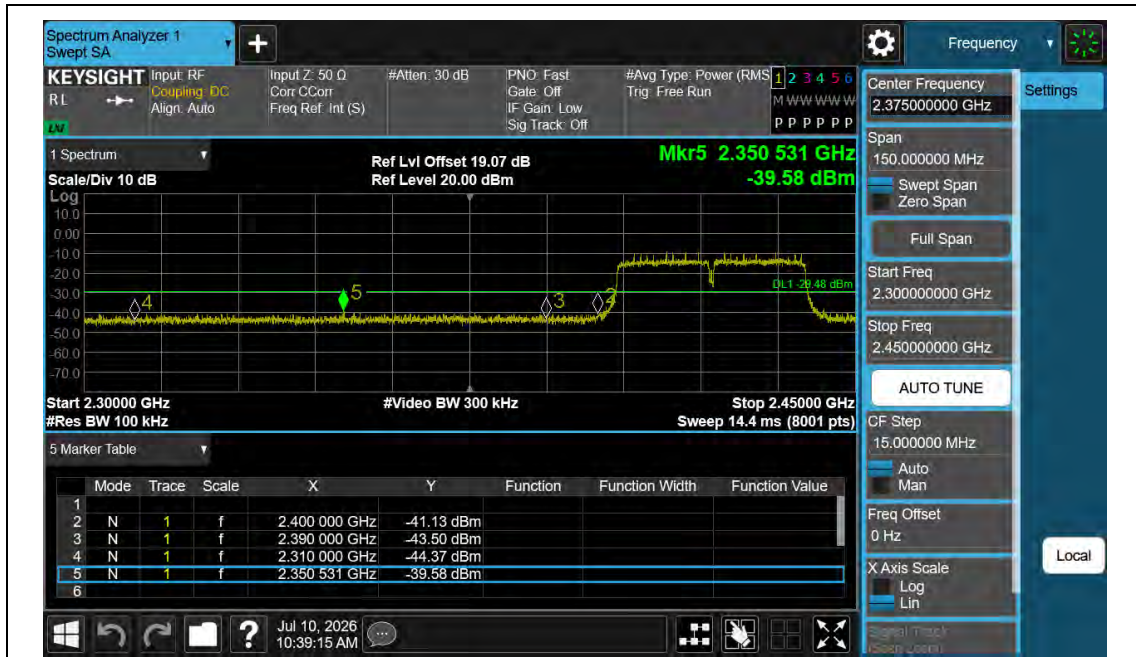


11G-Ant1-2462-PASS

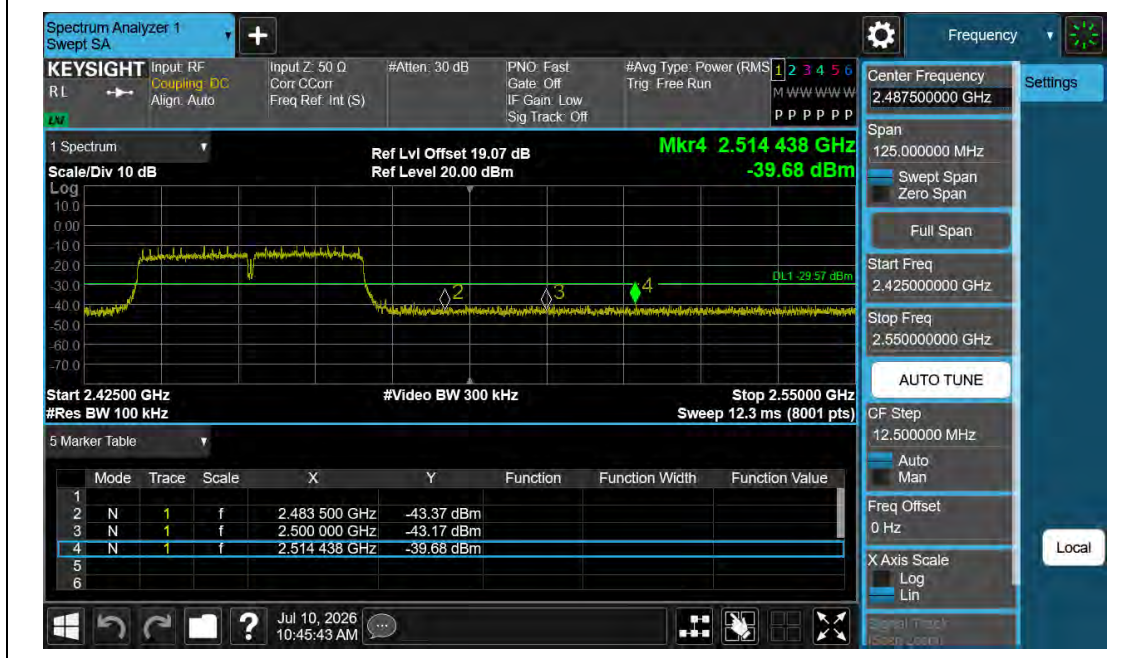


11N20SISO-Ant1-2412-PASS





11N40SISO-Ant1-2452-PASS



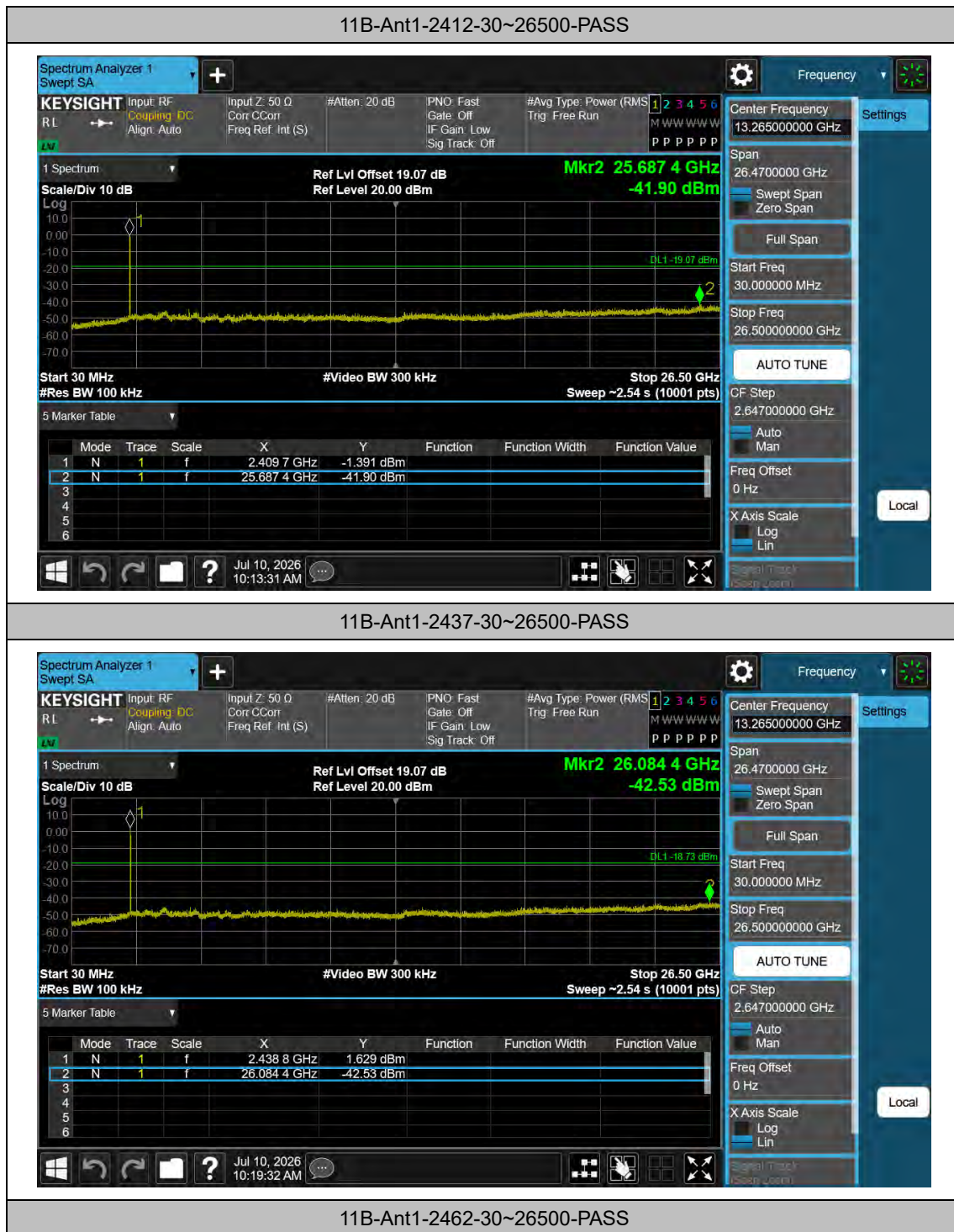
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	0.93	-41.9	≤-19.07	PASS
11B	Ant1	2437	30~26500	1.27	-42.53	≤-18.73	PASS
11B	Ant1	2462	30~26500	1.65	-42.13	≤-18.35	PASS
11G	Ant1	2412	30~26500	-6.66	-42.3	≤-26.66	PASS
11G	Ant1	2437	30~26500	-5.88	-42.52	≤-25.88	PASS
11G	Ant1	2462	30~26500	-6.74	-41.39	≤-26.74	PASS
11N20SISO	Ant1	2412	30~26500	-6.68	-41.34	≤-26.68	PASS
11N20SISO	Ant1	2437	30~26500	-5.84	-42.4	≤-25.84	PASS
11N20SISO	Ant1	2462	30~26500	-6.77	-42.08	≤-26.77	PASS
11N40SISO	Ant1	2422	30~26500	-9.48	-41.83	≤-29.48	PASS
11N40SISO	Ant1	2437	30~26500	-9.08	-41.63	≤-29.08	PASS
11N40SISO	Ant1	2452	30~26500	-9.57	-42.37	≤-29.57	PASS

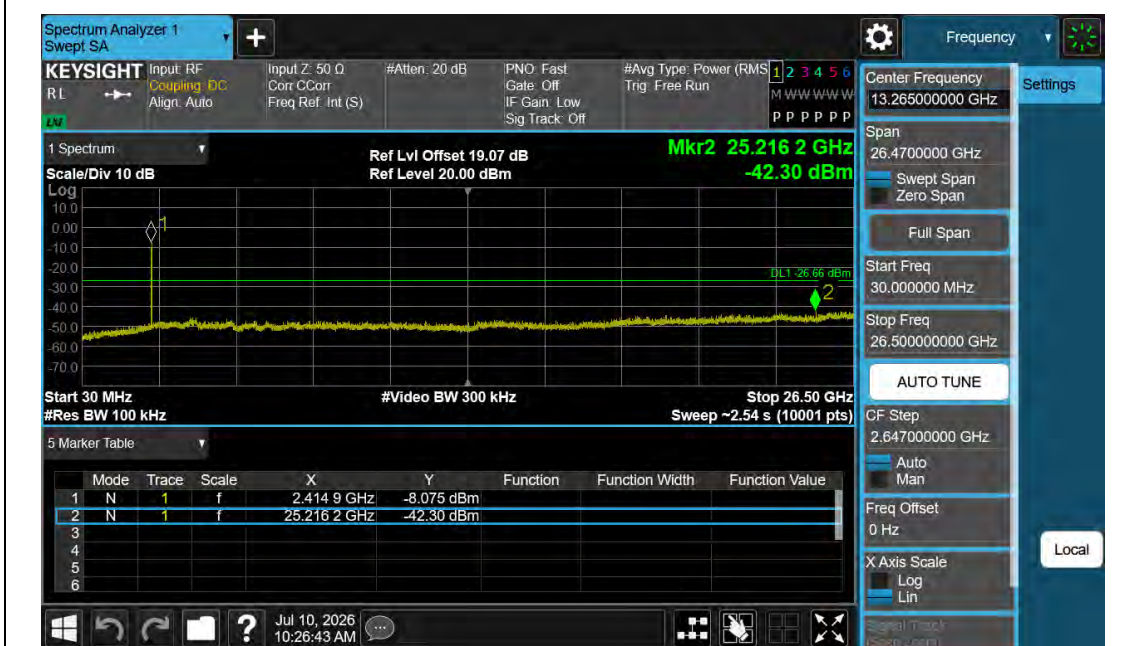


Test Graphs

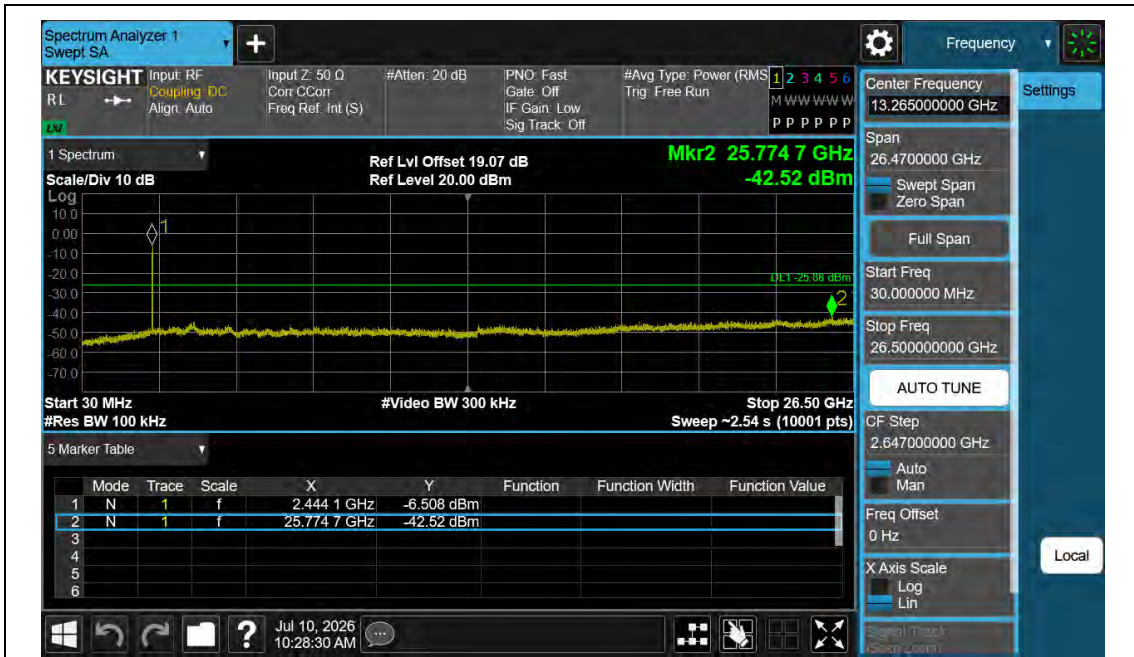




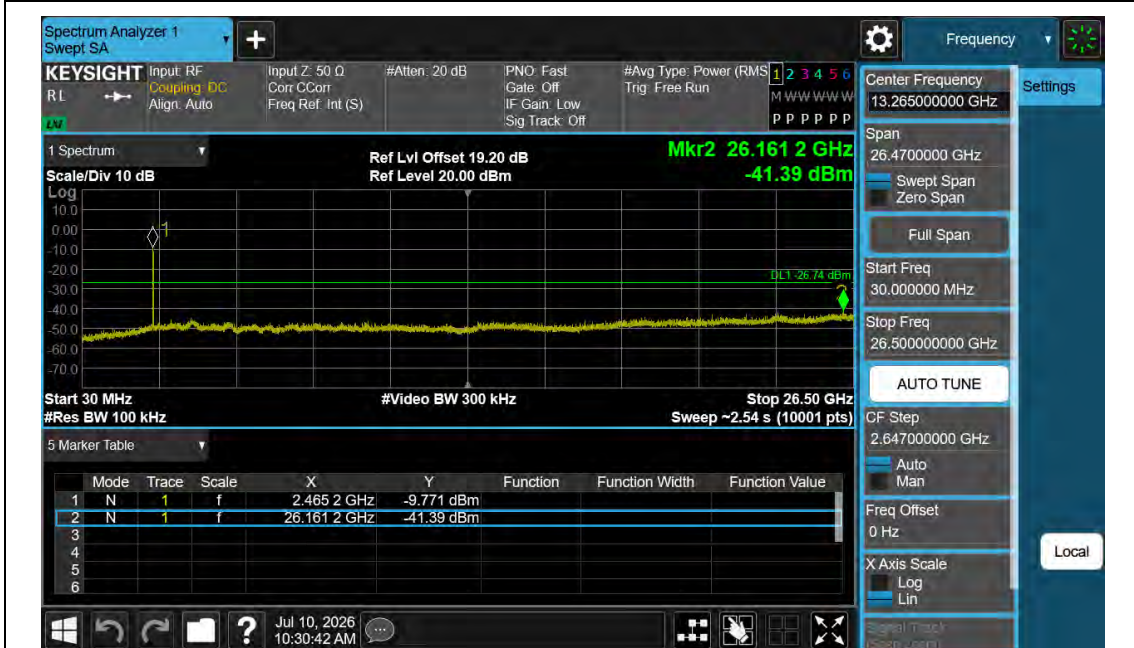
11G-Ant1-2412-30~26500-PASS



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



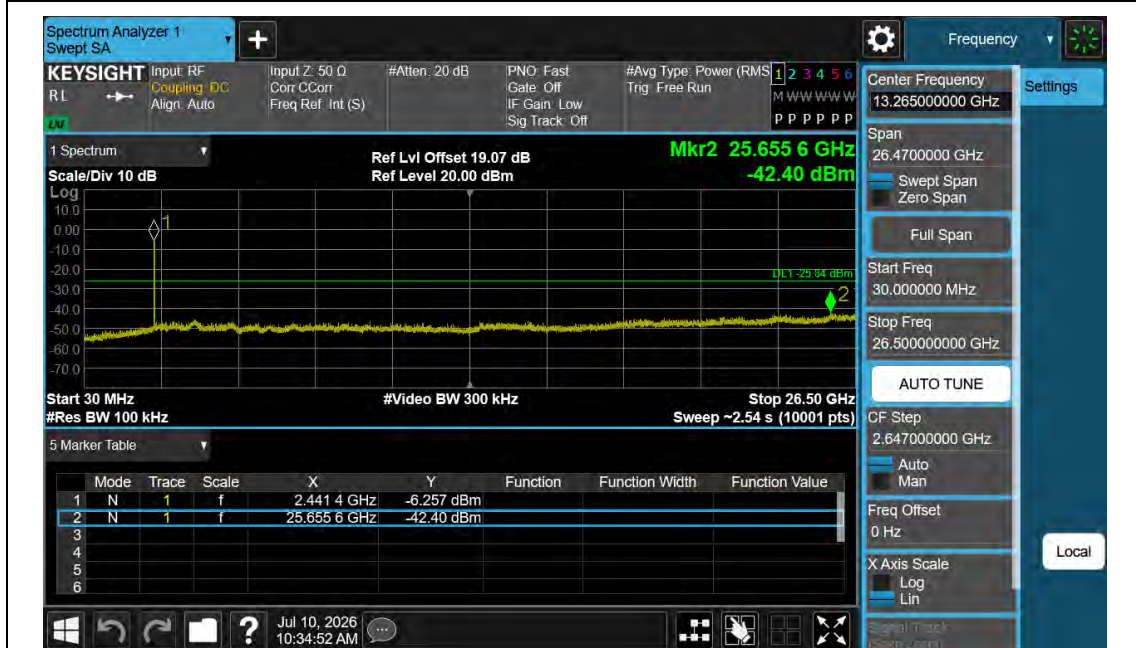
11G-Ant1-2462-30~26500-PASS



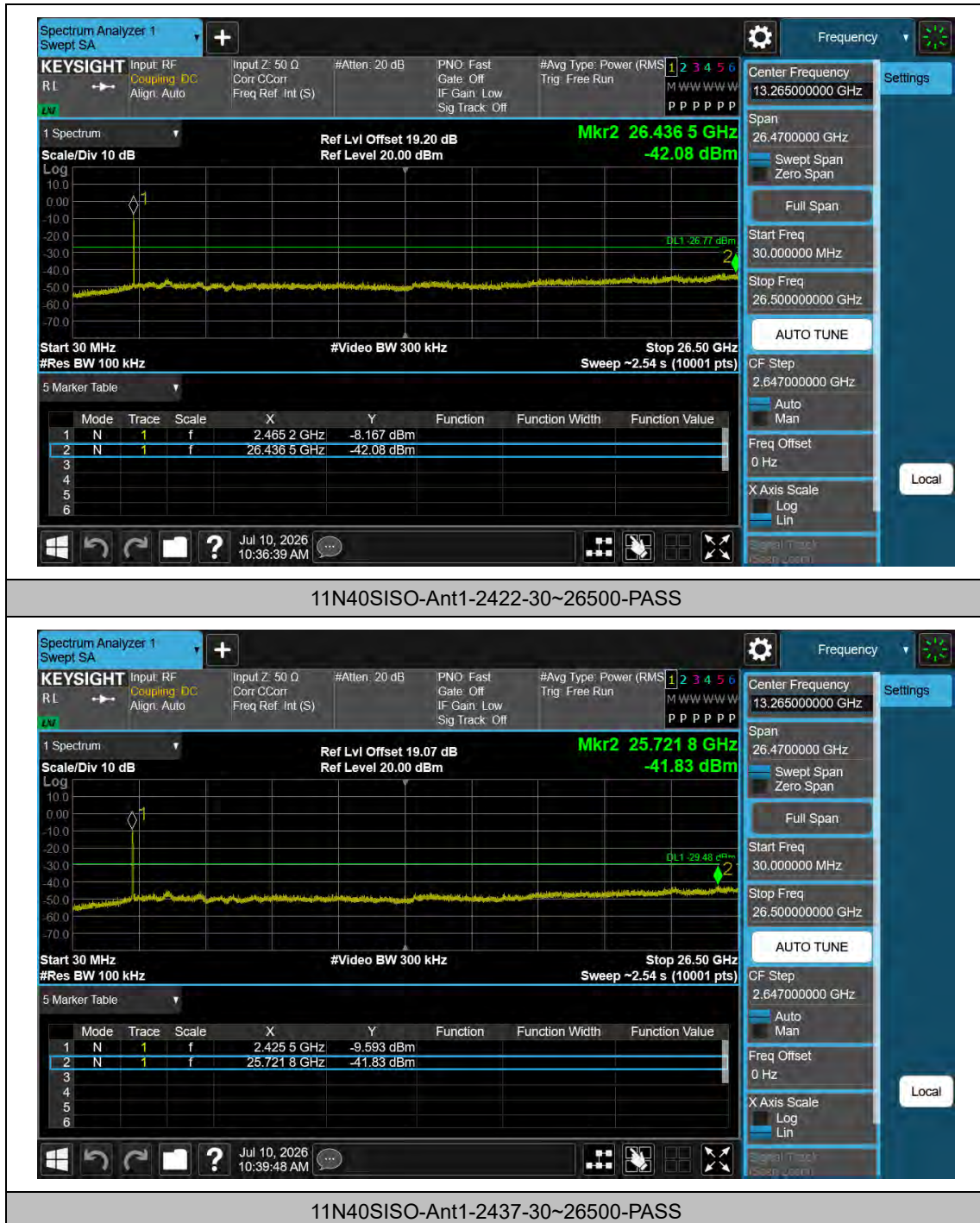
11N20SISO-Ant1-2412-30~26500-PASS

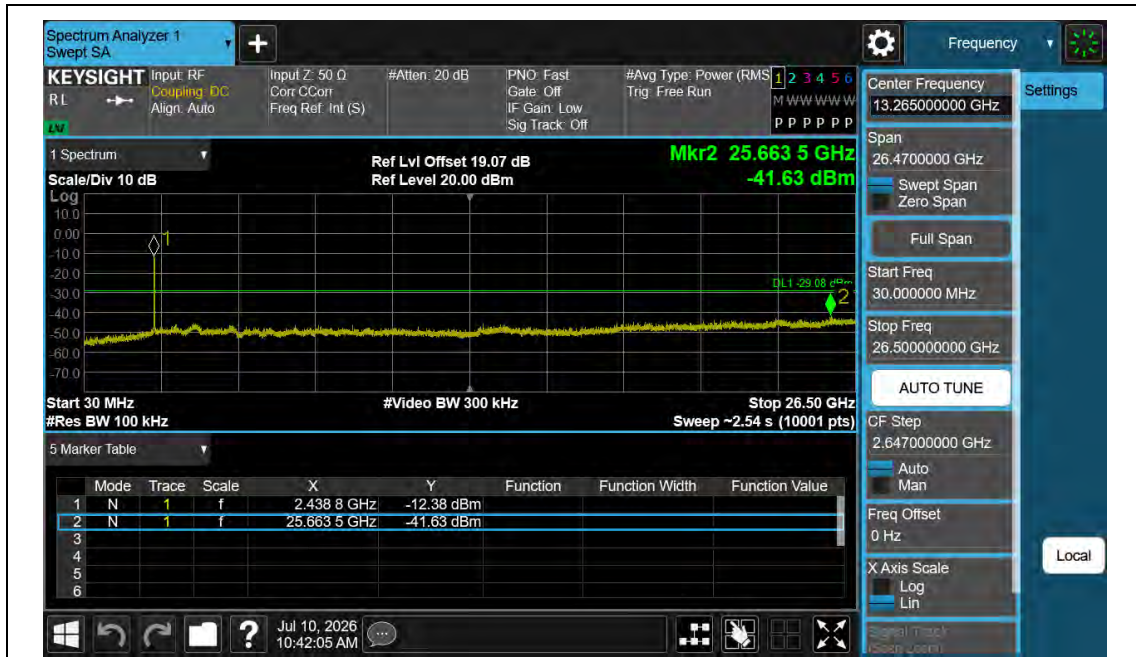


11N20SISO-Ant1-2437-30~26500-PASS



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





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

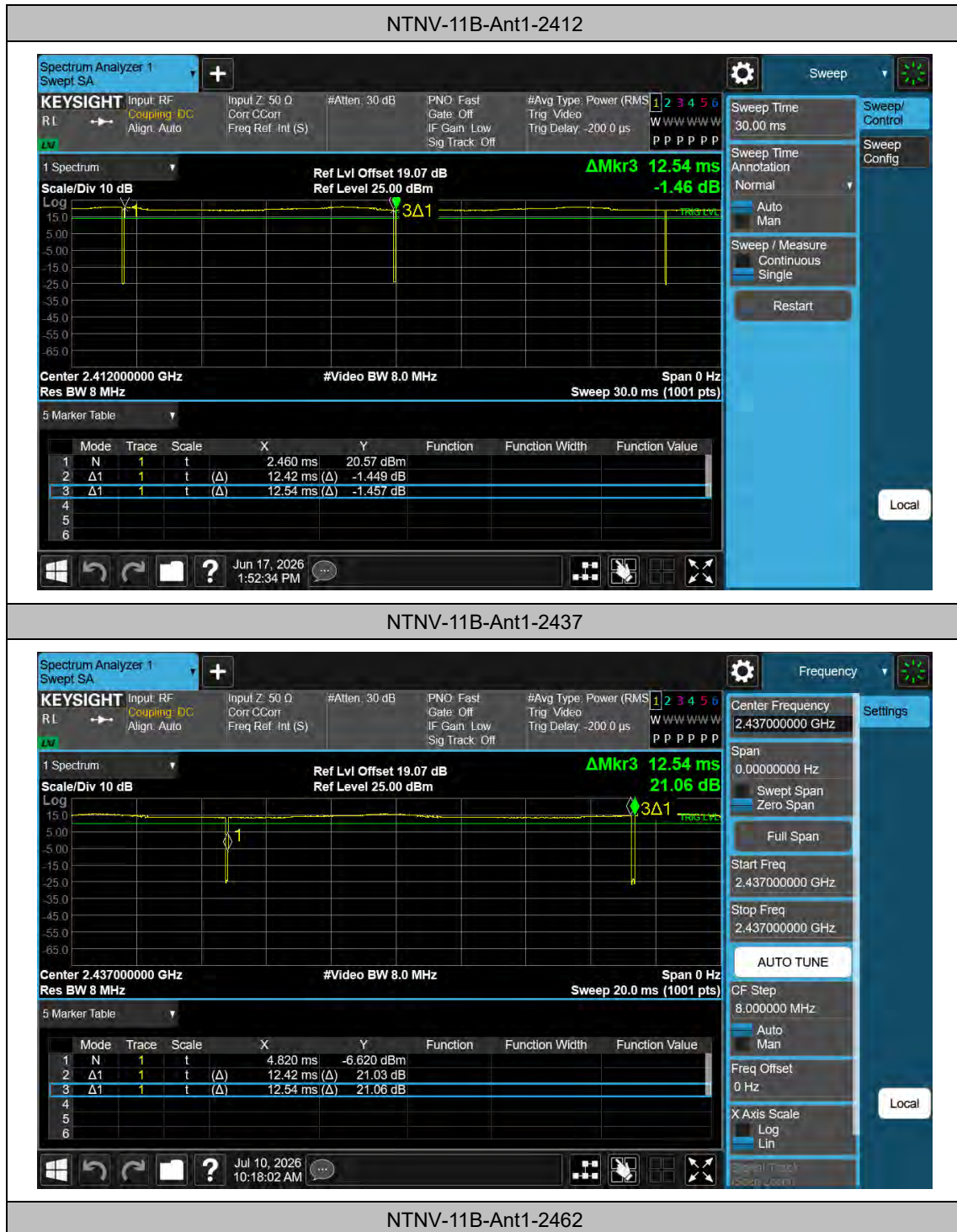


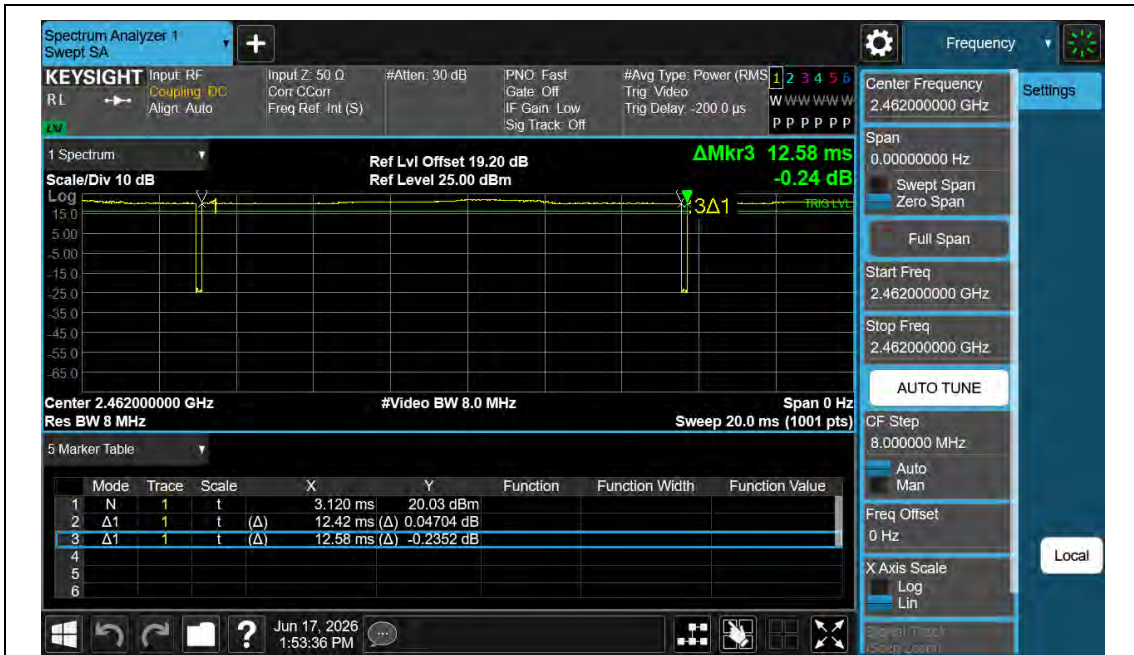
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	12.42	12.54	99.04
11B	Ant1	2437	12.42	12.54	99.04
11B	Ant1	2462	12.42	12.58	98.73
11G	Ant1	2412	2.07	2.16	95.83
11G	Ant1	2437	2.06	2.19	94.06
11G	Ant1	2462	2.06	2.22	92.79
11N20SISO	Ant1	2412	1.92	2.05	93.66
11N20SISO	Ant1	2437	1.92	2.05	93.66
11N20SISO	Ant1	2462	1.92	2.04	94.12
11N40SISO	Ant1	2422	0.94	1.04	90.38
11N40SISO	Ant1	2437	0.94	1.05	89.52
11N40SISO	Ant1	2452	0.94	1.10	85.45

Test Graphs

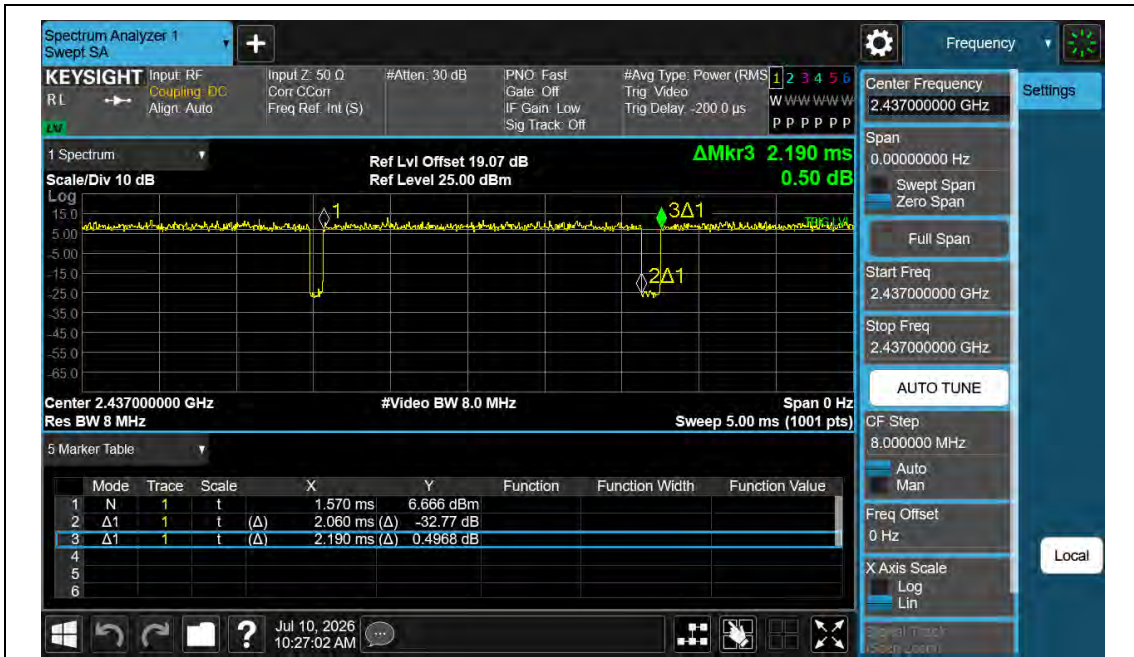




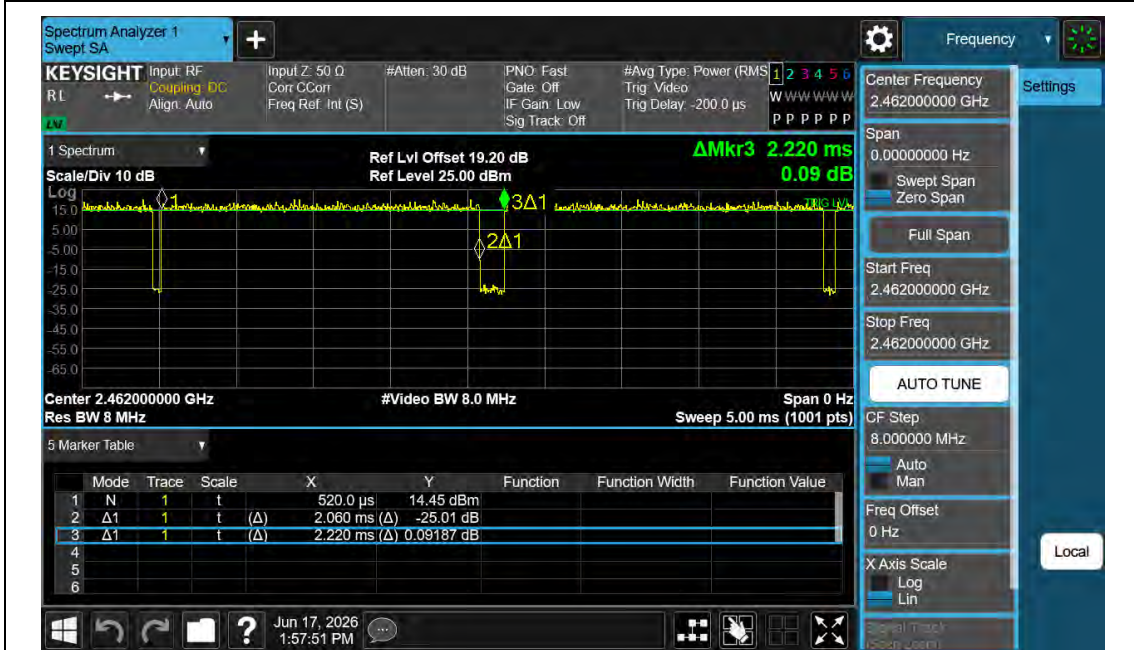
NTNV-11G-Ant1-2412



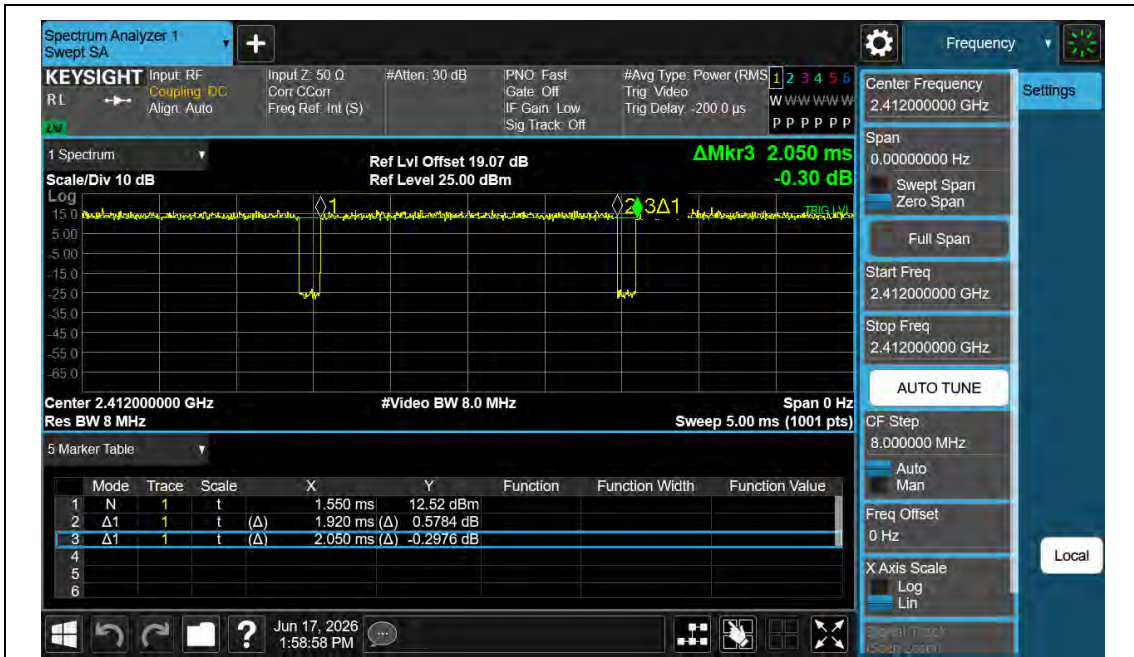
NTNV-11G-Ant1-2437



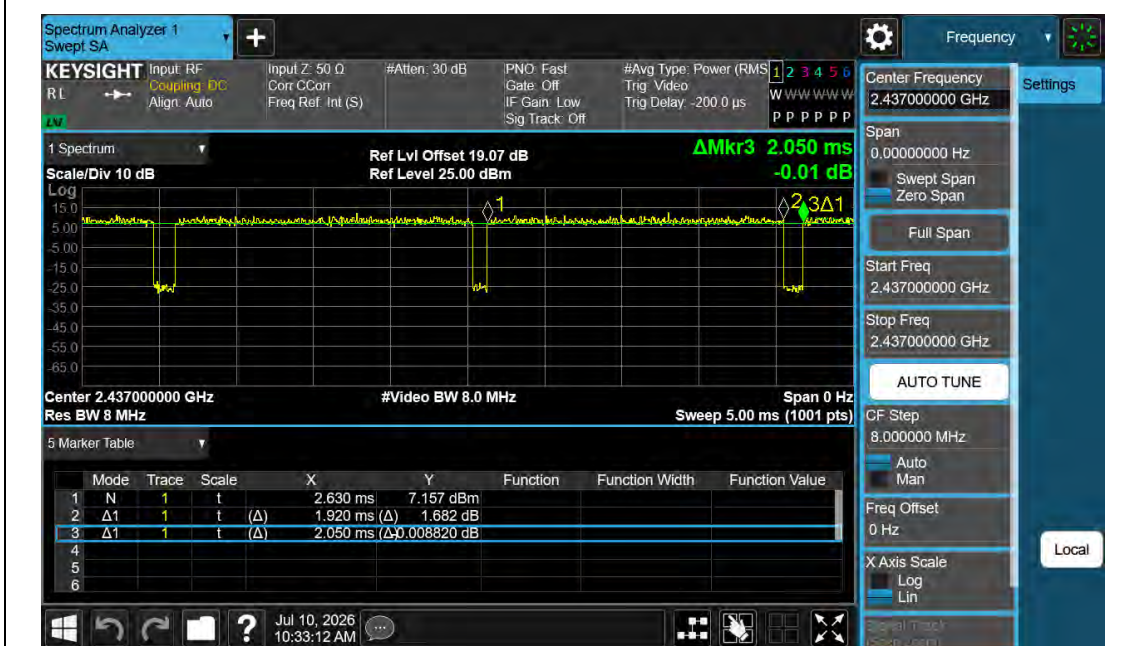
NTNV-11G-Ant1-2462



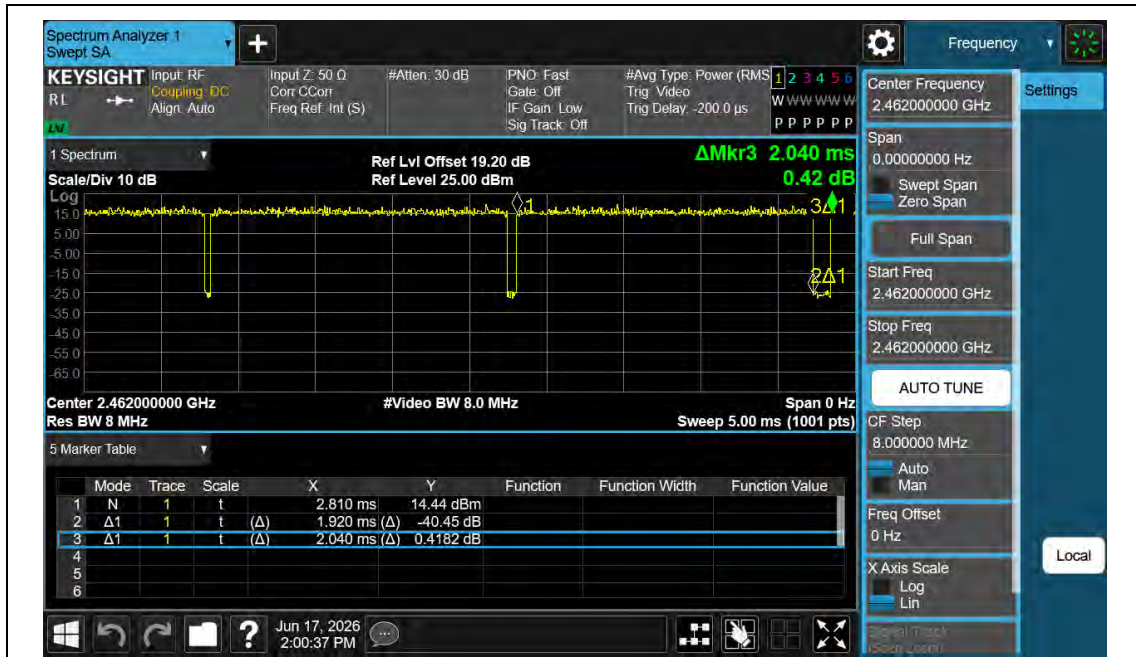
NTNV-11N20SISO-Ant1-2412



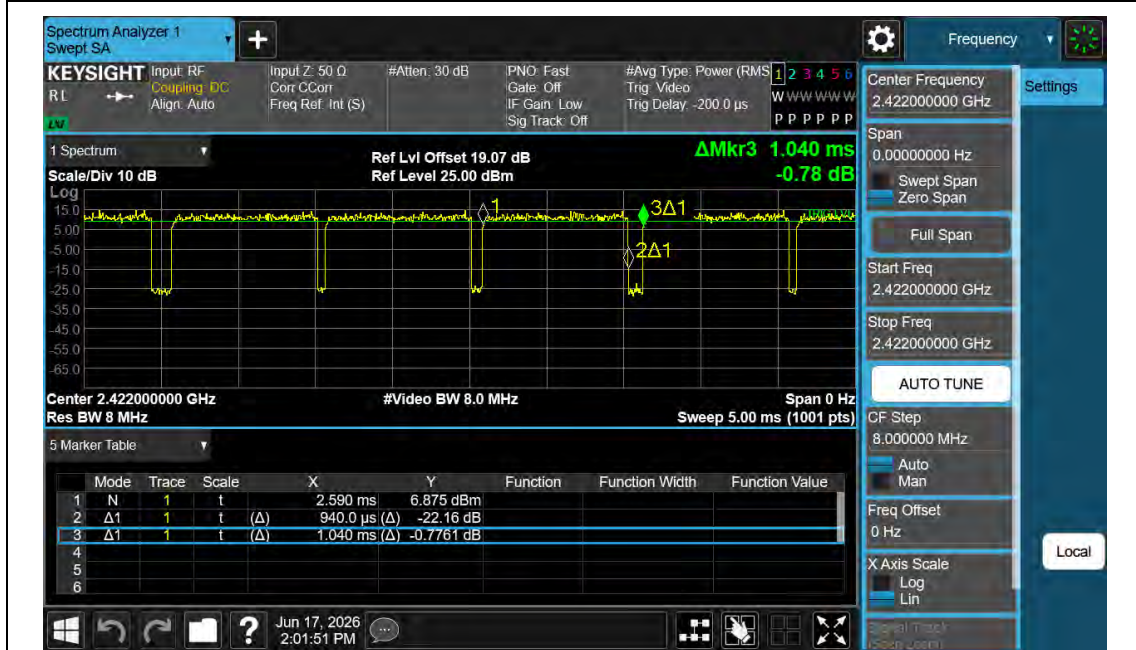
NTNV-11N20SISO-Ant1-2437



NTNV-11N20SISO-Ant1-2462



NTNV-11N40SISO-Ant1-2422



NTNV-11N40SISO-Ant1-2437

