

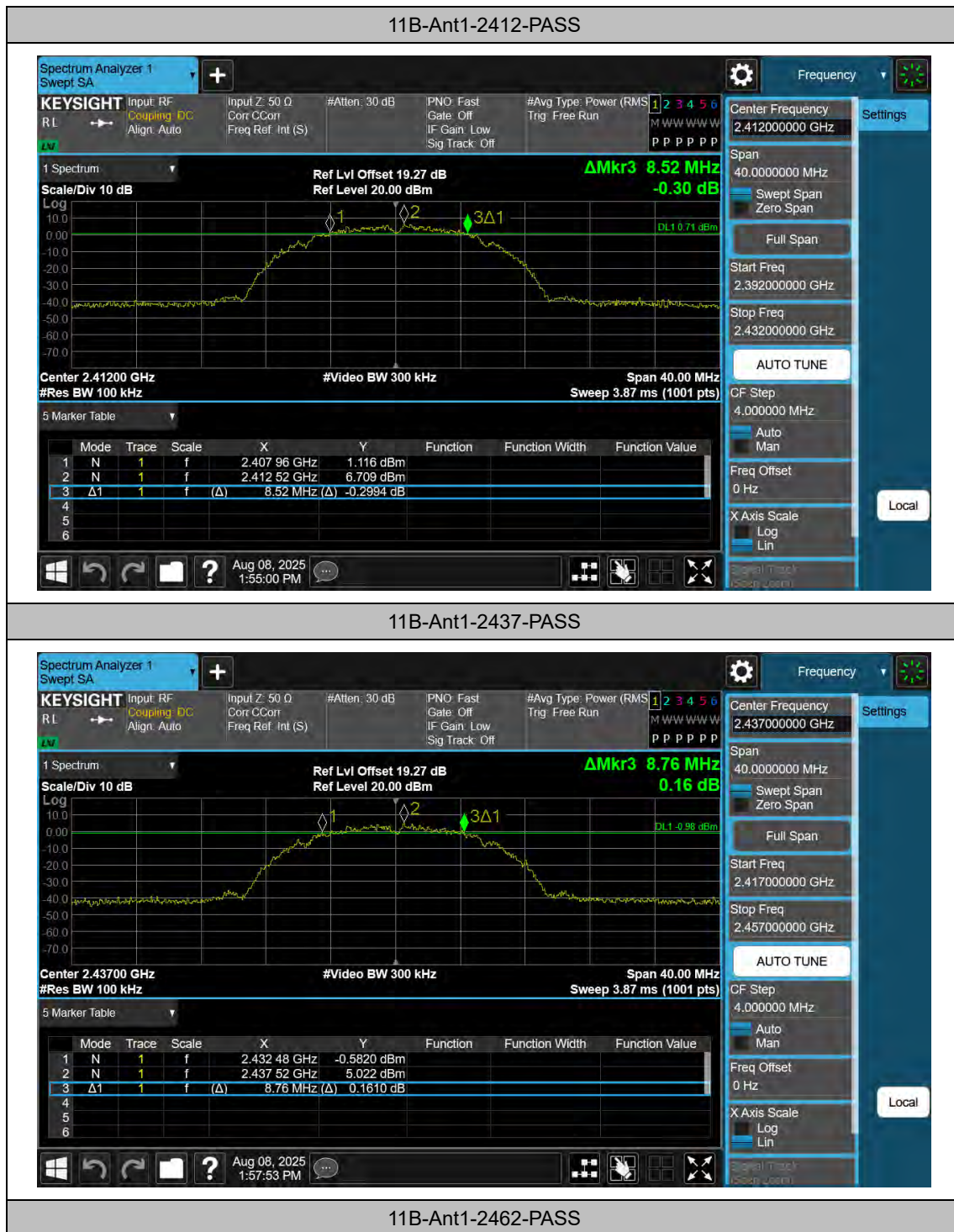
Appendix A: DTS Bandwidth

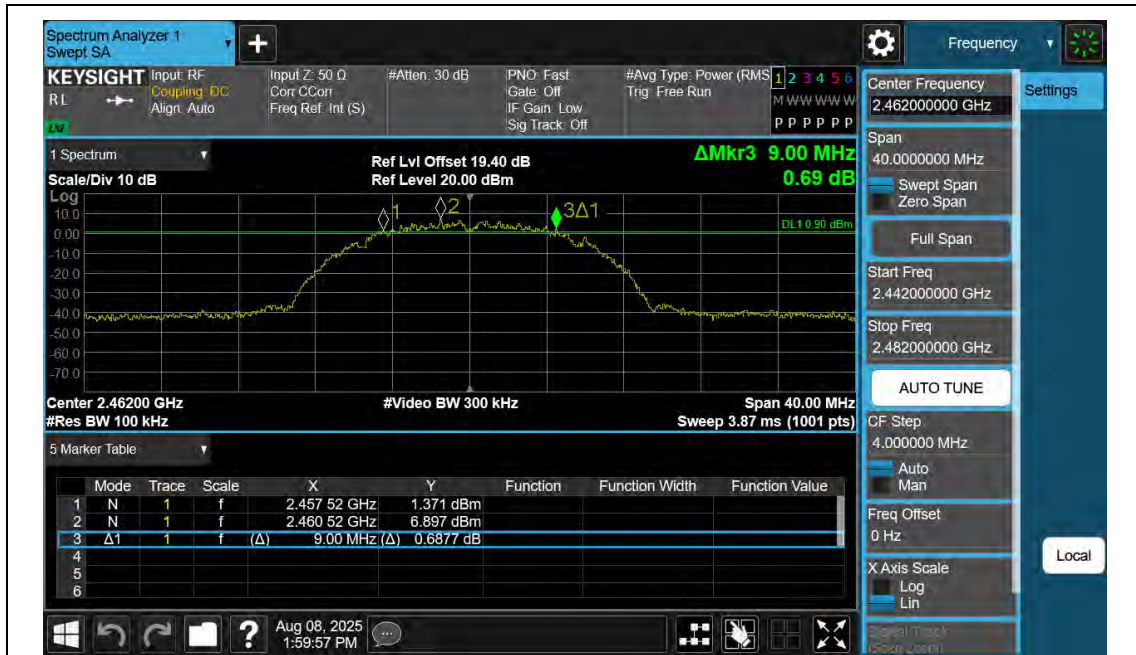
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.520	2407.960	2416.480	0.5	PASS
11B	Ant1	2437	8.760	2432.480	2441.240	0.5	PASS
11B	Ant1	2462	9.000	2457.520	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
11G	Ant1	2437	16.360	2428.840	2445.200	0.5	PASS
11G	Ant1	2462	16.400	2453.840	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.200	2420.840	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.240	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	32.320	2406.000	2438.320	0.5	PASS
11N40SISO	Ant1	2437	32.560	2421.000	2453.560	0.5	PASS
11N40SISO	Ant1	2452	33.120	2436.400	2469.520	0.5	PASS



Test Graphs

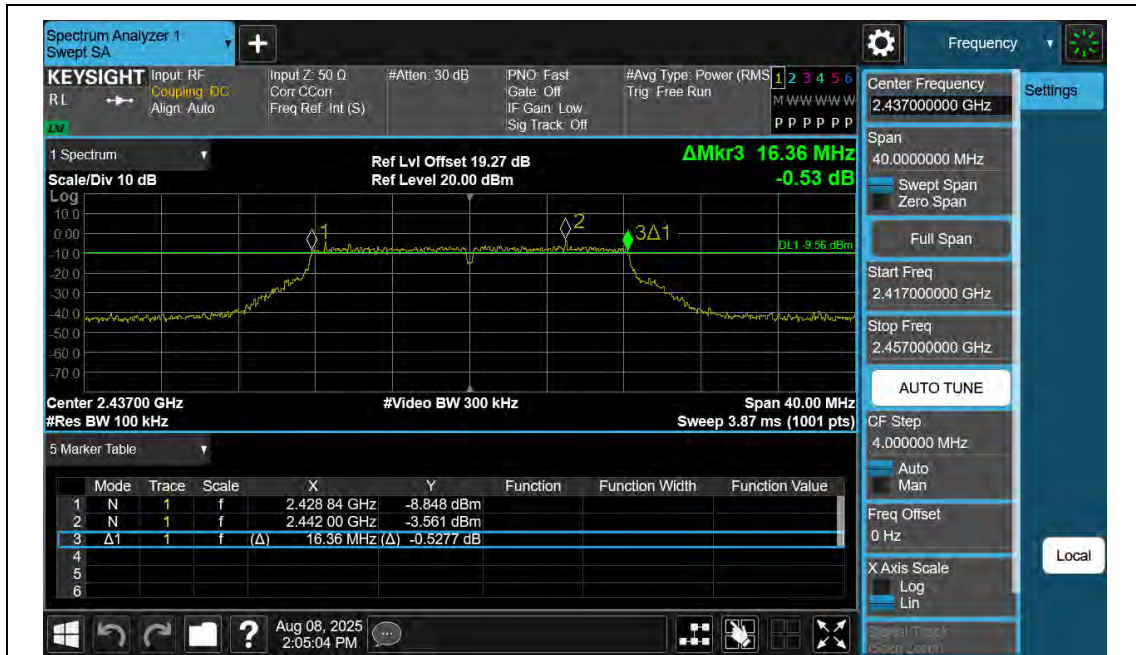




11G-Ant1-2412-PASS



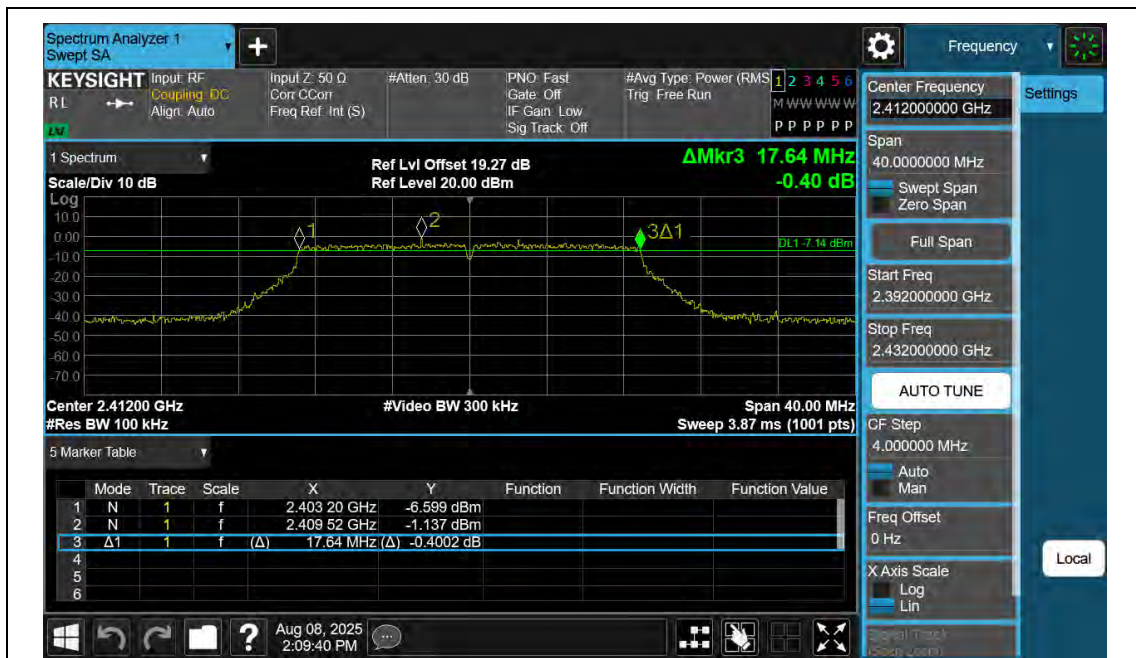
11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



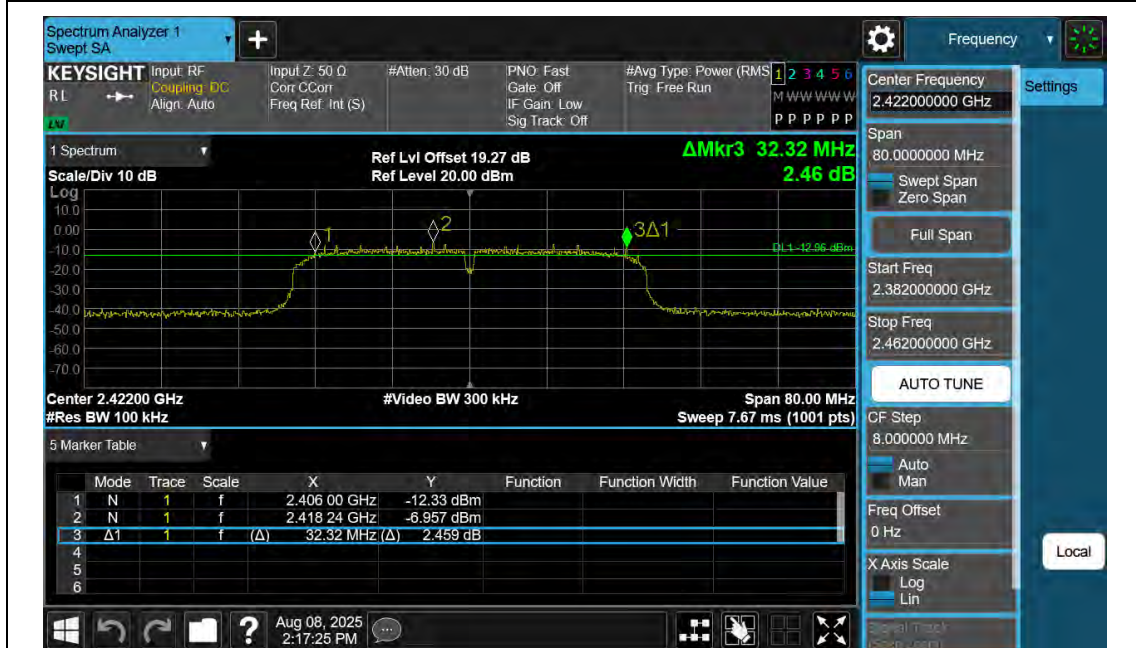
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



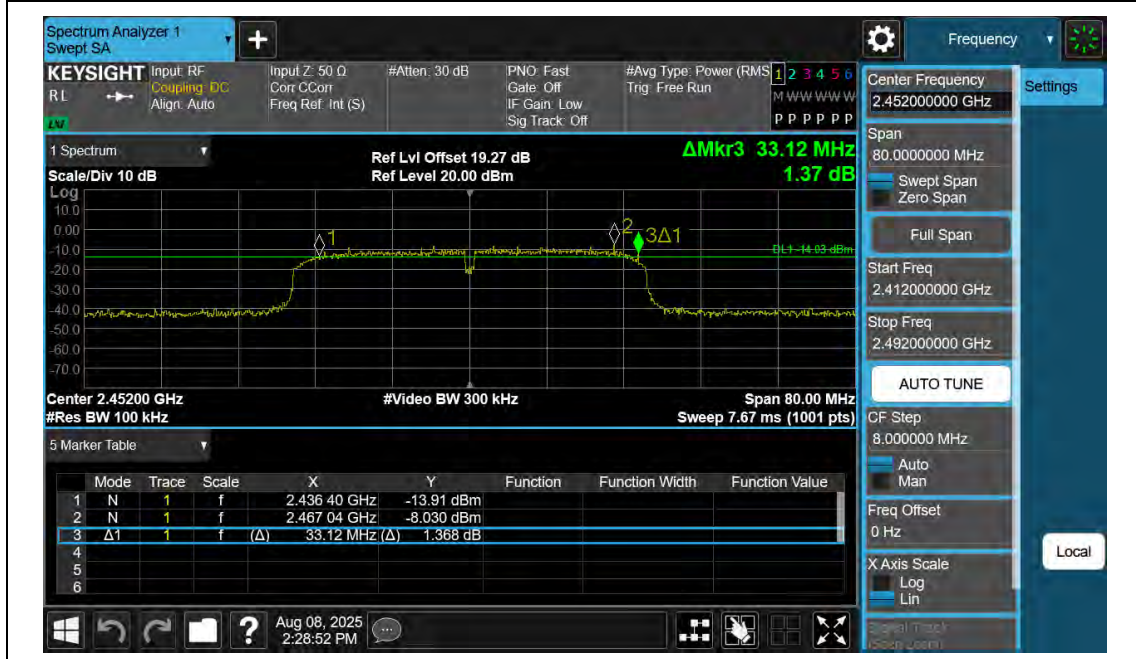
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

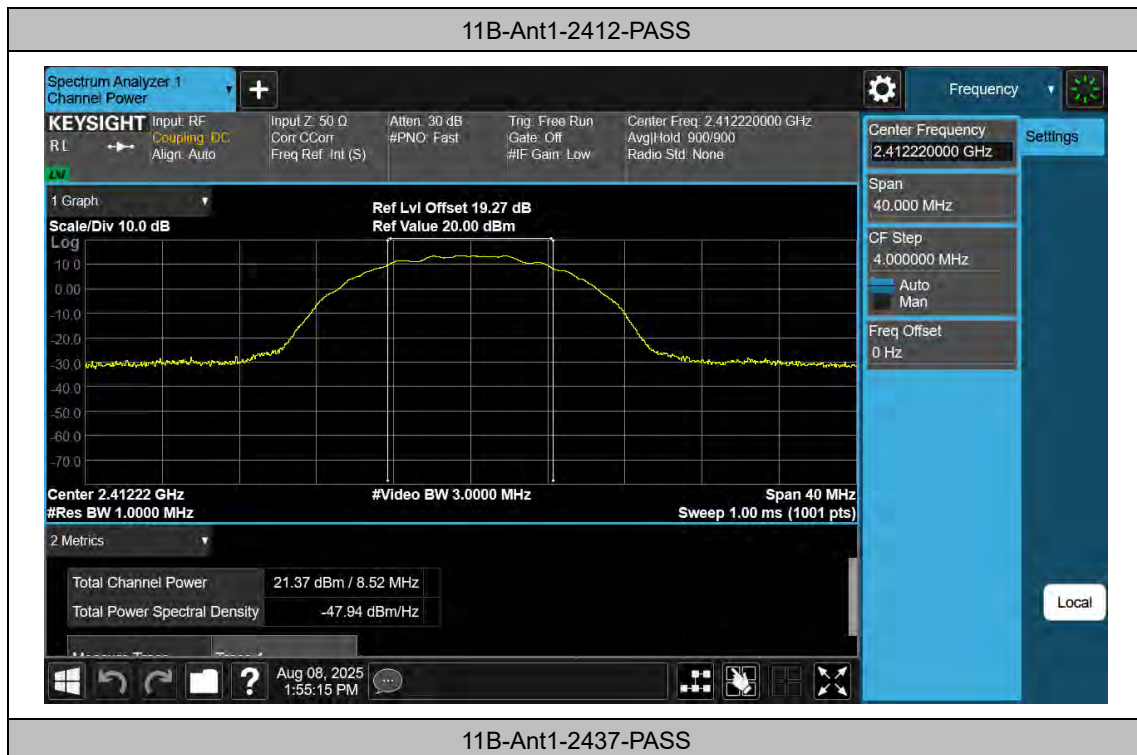


Appendix B: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[M Hz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	21.37	≤30.00	PASS
11B	Ant1	2437	19.15	≤30.00	PASS
11B	Ant1	2462	21.16	≤30.00	PASS
11G	Ant1	2412	17.45	≤30.00	PASS
11G	Ant1	2437	15.40	≤30.00	PASS
11G	Ant1	2462	17.19	≤30.00	PASS
11N20SISO	Ant1	2412	18.71	≤30.00	PASS
11N20SISO	Ant1	2437	16.70	≤30.00	PASS
11N20SISO	Ant1	2462	18.44	≤30.00	PASS
11N40SISO	Ant1	2422	14.73	≤30.00	PASS
11N40SISO	Ant1	2437	13.61	≤30.00	PASS
11N40SISO	Ant1	2452	14.54	≤30.00	PASS

Test Graphs Peak





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



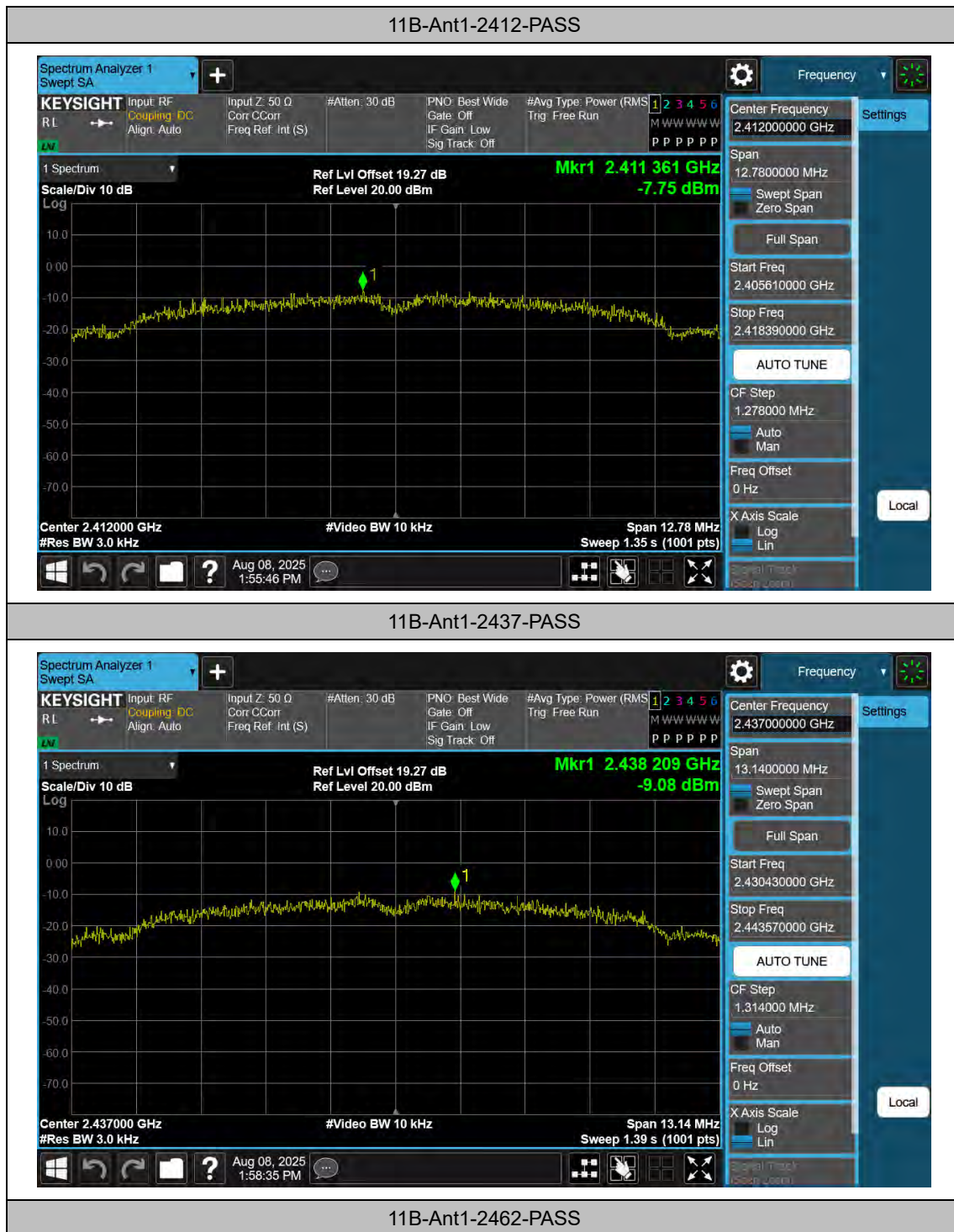
Appendix C: Maximum power spectral density

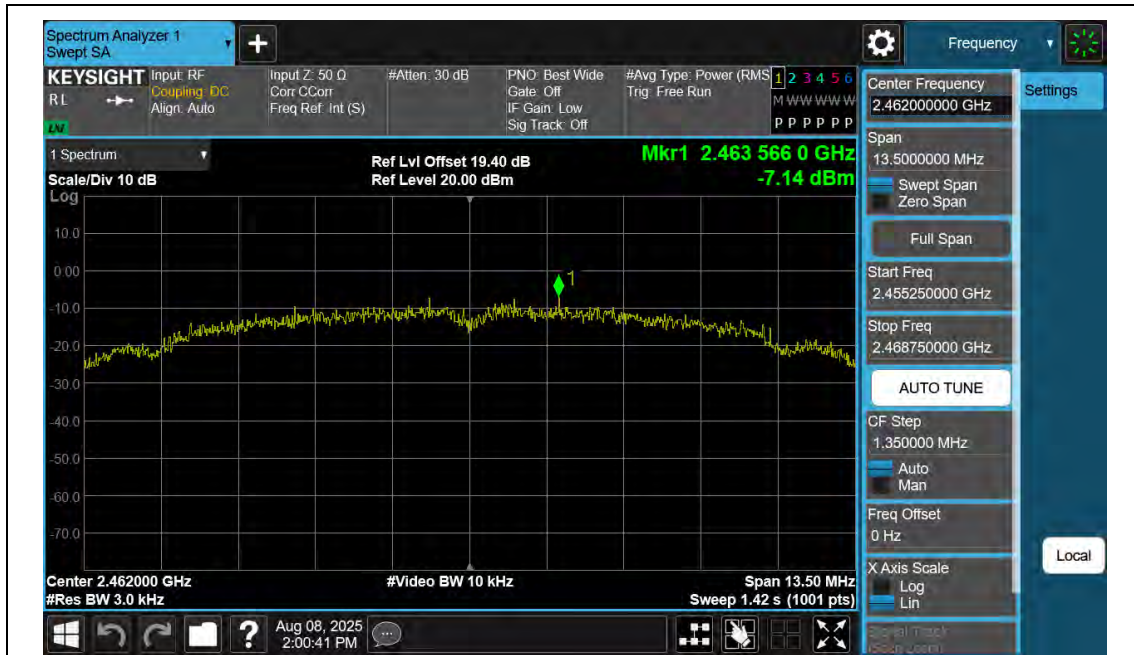
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.75	≤8.00	PASS
11B	Ant1	2437	-9.08	≤8.00	PASS
11B	Ant1	2462	-7.14	≤8.00	PASS
11G	Ant1	2412	-15.36	≤8.00	PASS
11G	Ant1	2437	-17.51	≤8.00	PASS
11G	Ant1	2462	-15.61	≤8.00	PASS
11N20SISO	Ant1	2412	-14.15	≤8.00	PASS
11N20SISO	Ant1	2437	-16.04	≤8.00	PASS
11N20SISO	Ant1	2462	-13.91	≤8.00	PASS
11N40SISO	Ant1	2422	-19.62	≤8.00	PASS
11N40SISO	Ant1	2437	-21.28	≤8.00	PASS
11N40SISO	Ant1	2452	-20.27	≤8.00	PASS

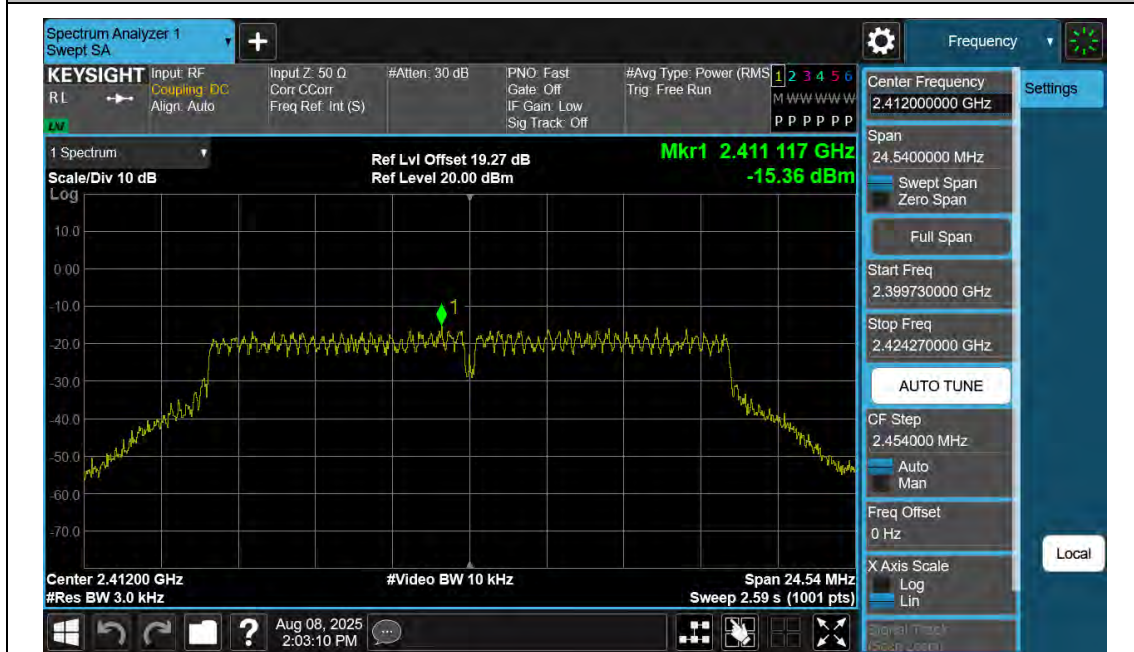


Test Graphs

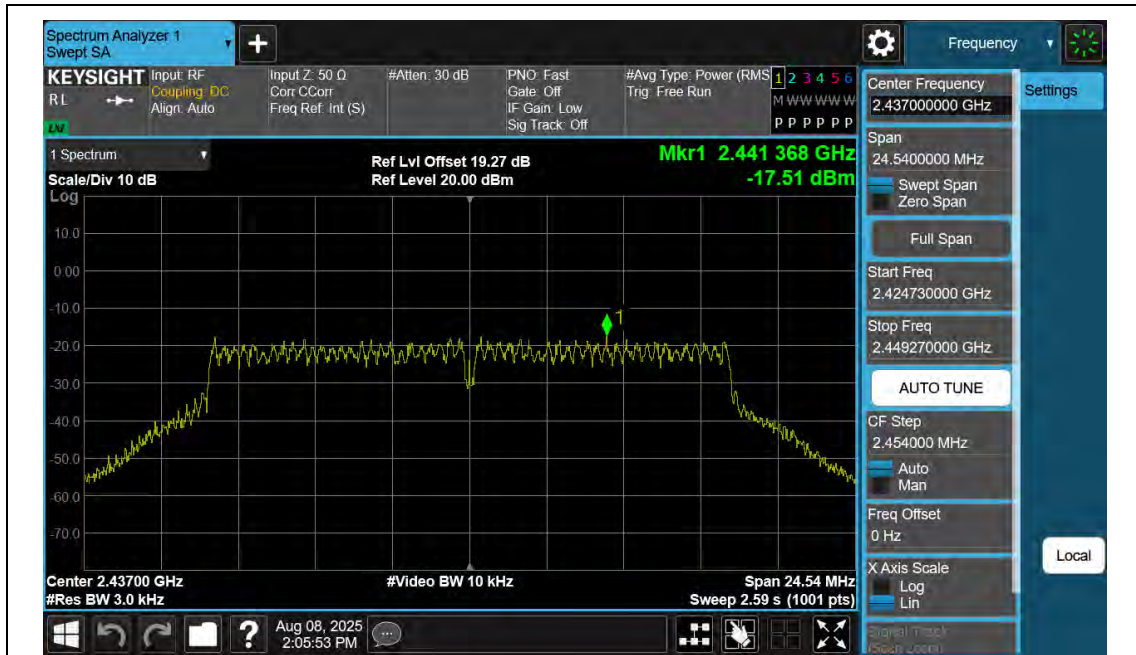




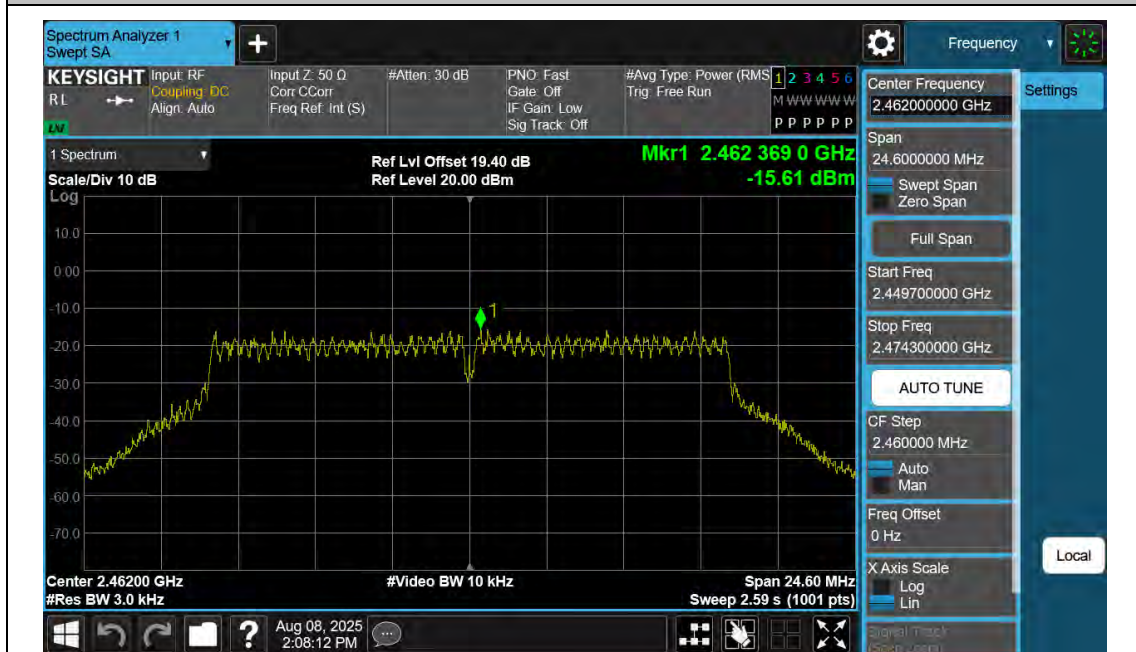
11G-Ant1-2412-PASS



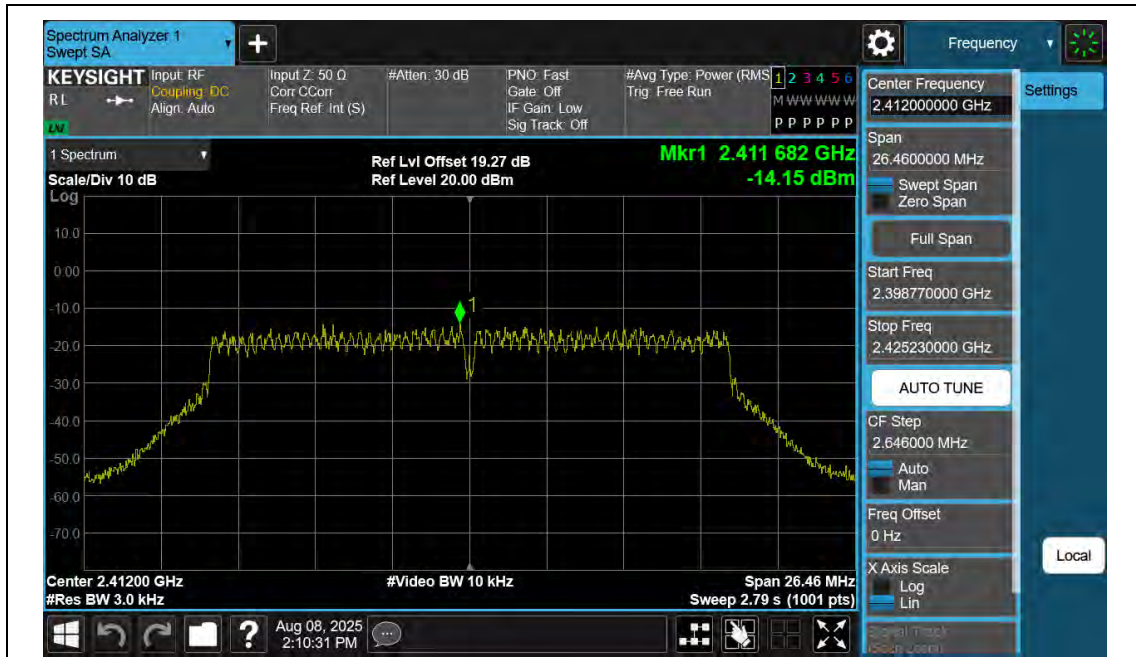
11G-Ant1-2437-PASS



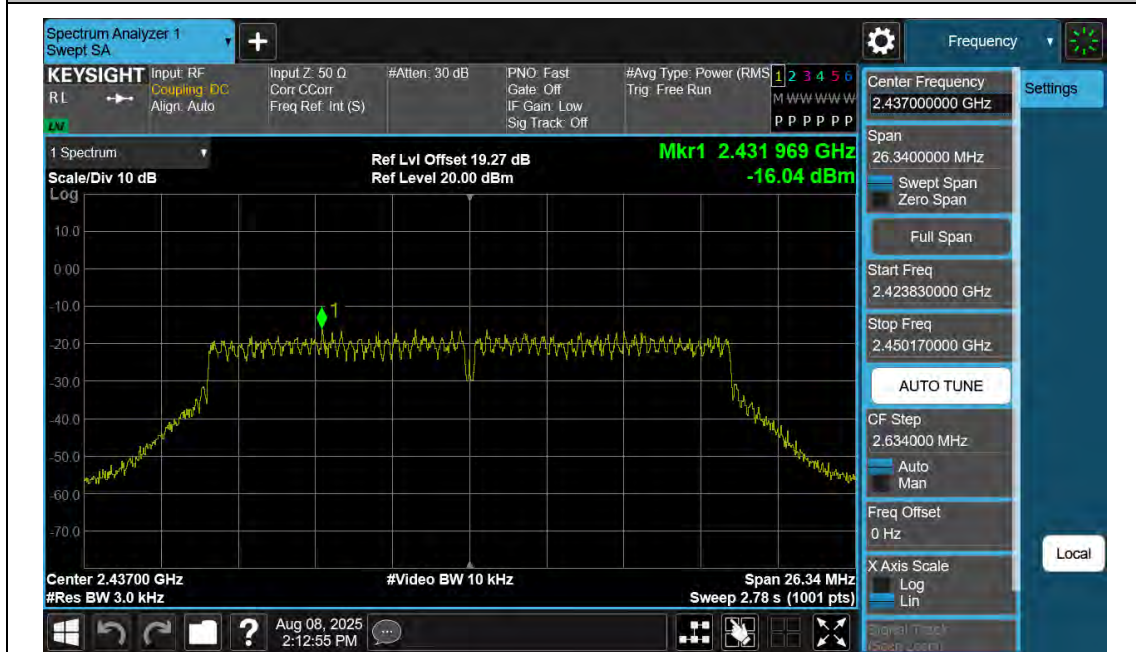
11G-Ant1-2462-PASS



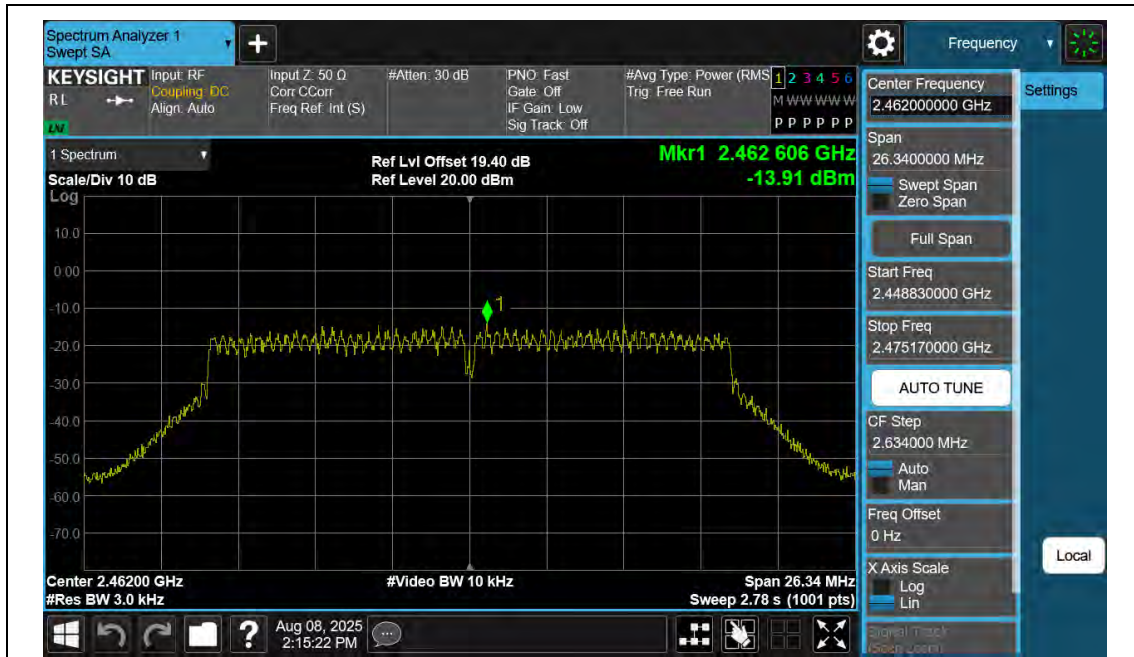
11N20SISO-Ant1-2412-PASS



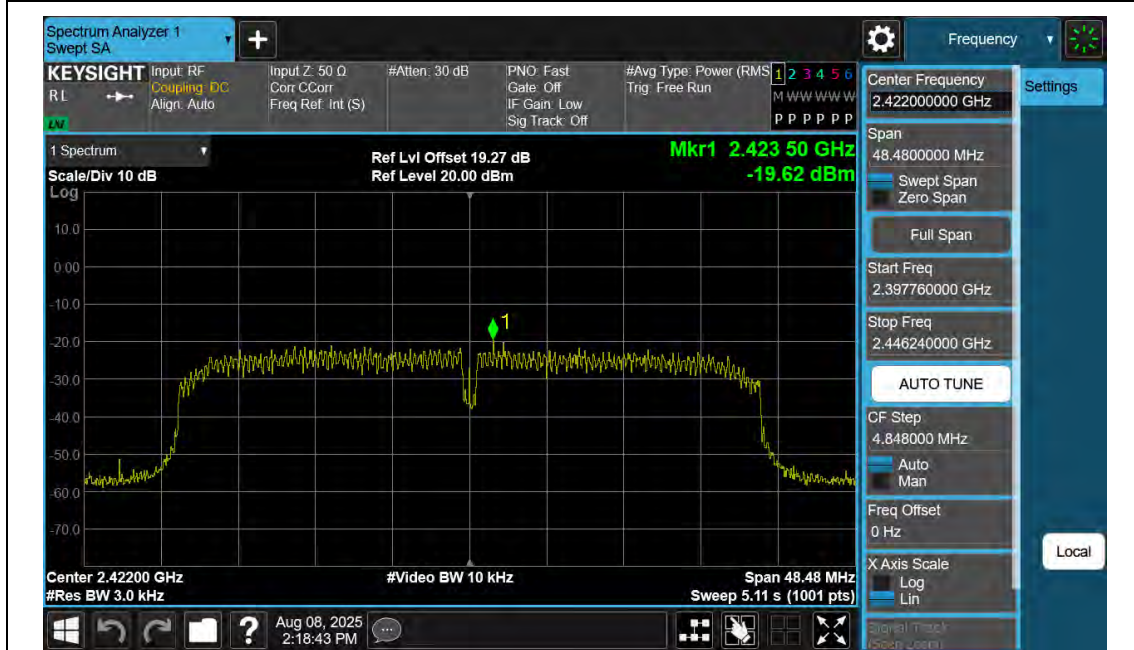
11N20SISO-Ant1-2437-PASS



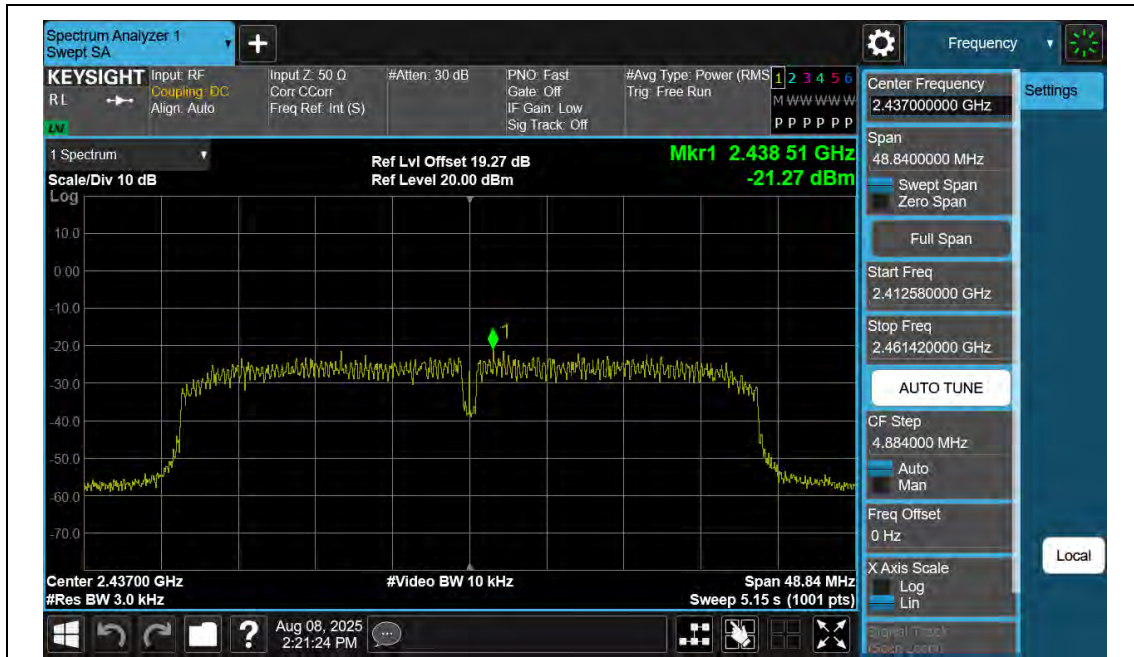
11N20SISO-Ant1-2462-PASS



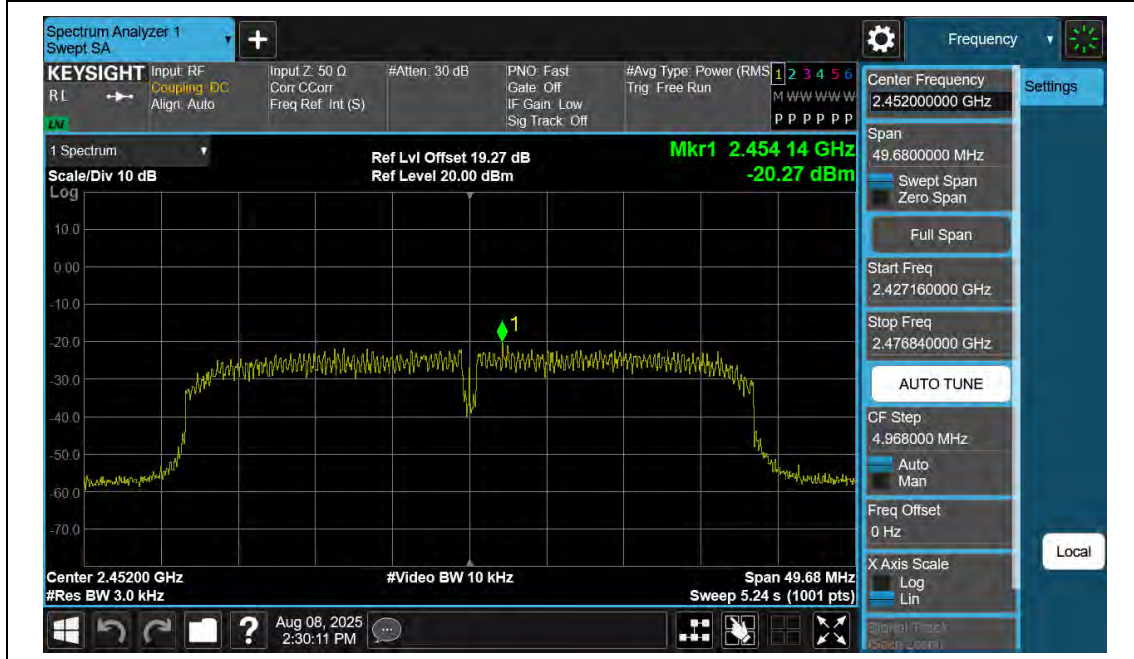
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



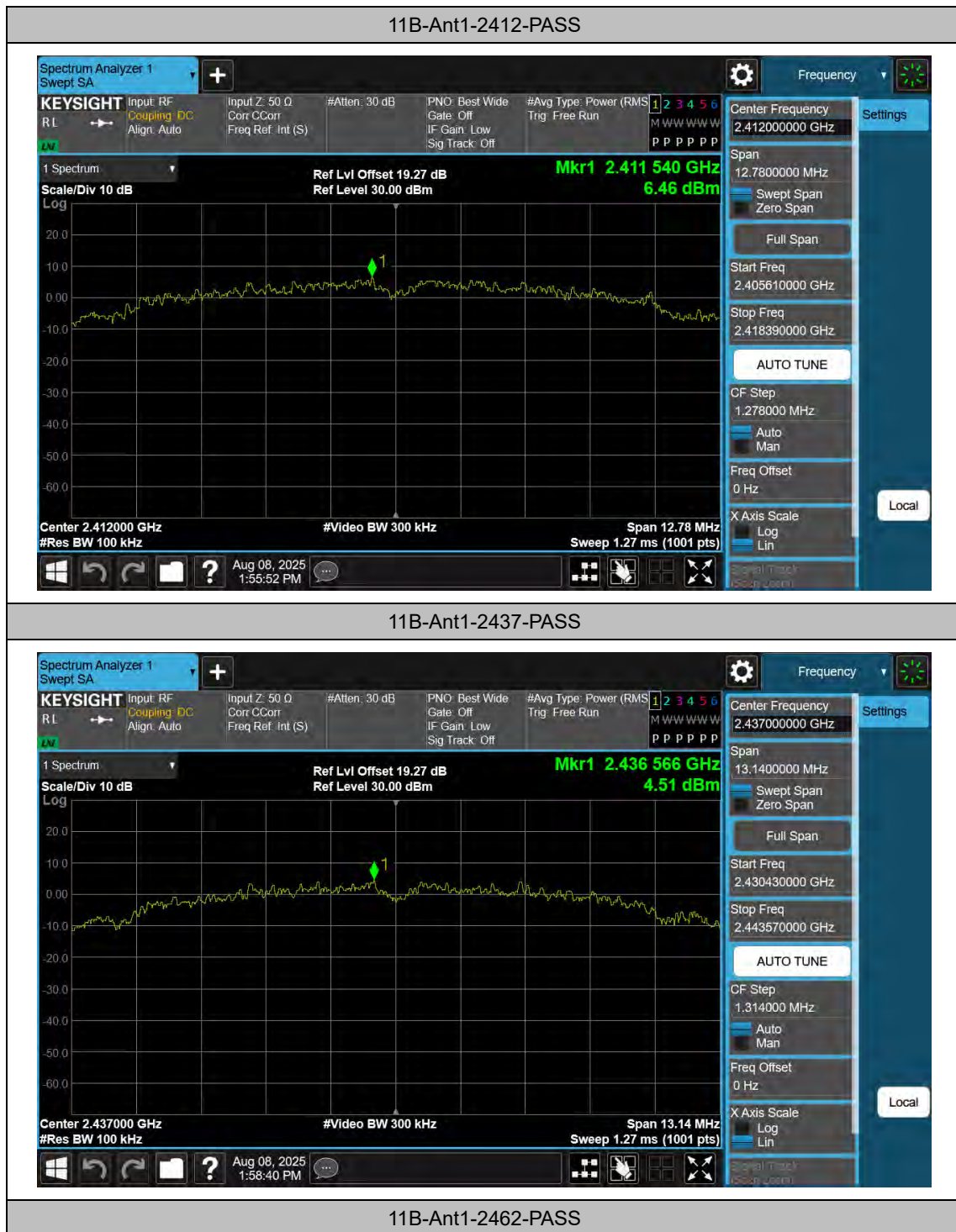
Appendix D: Reference level measurement

Test Result

Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.54	6.46
11B	Ant1	2437	2436.57	4.51
11B	Ant1	2462	2461.43	6.48
11G	Ant1	2412	2405.74	-2.24
11G	Ant1	2437	2444.53	-4.31
11G	Ant1	2462	2457.03	-2.72
11N20SISO	Ant1	2412	2411.02	-3.11
11N20SISO	Ant1	2437	2439.53	-2.77
11N20SISO	Ant1	2462	2465.74	-1.20
11N40SISO	Ant1	2422	2418.27	-7.07
11N40SISO	Ant1	2437	2445.74	-8.50
11N40SISO	Ant1	2452	2460.74	-7.36

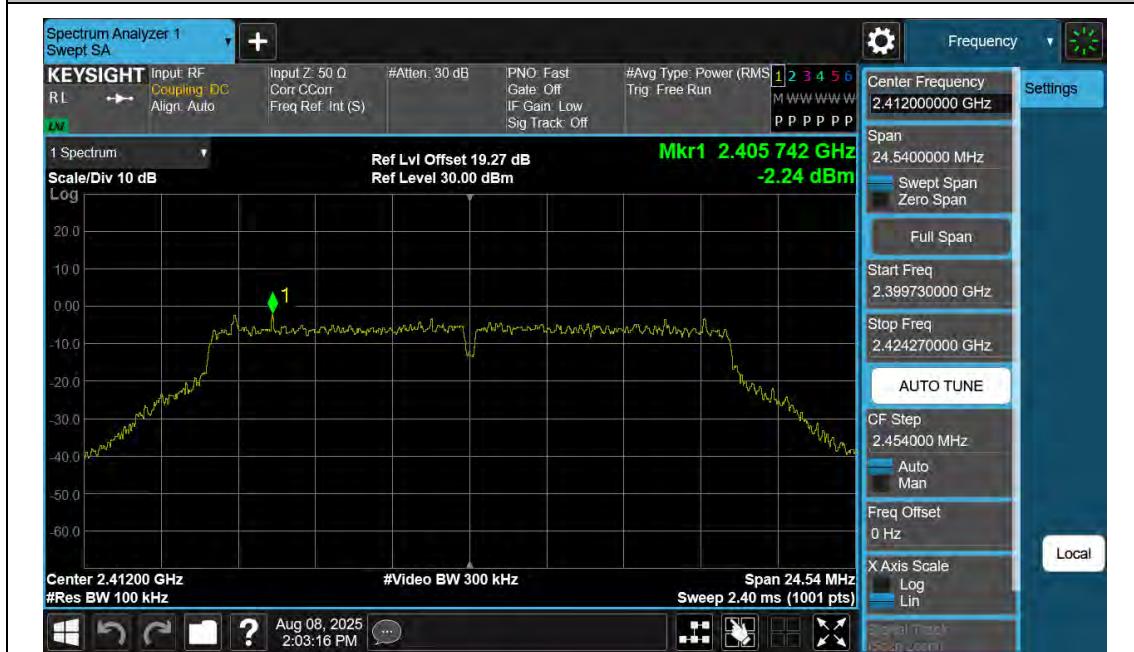


Test Graphs

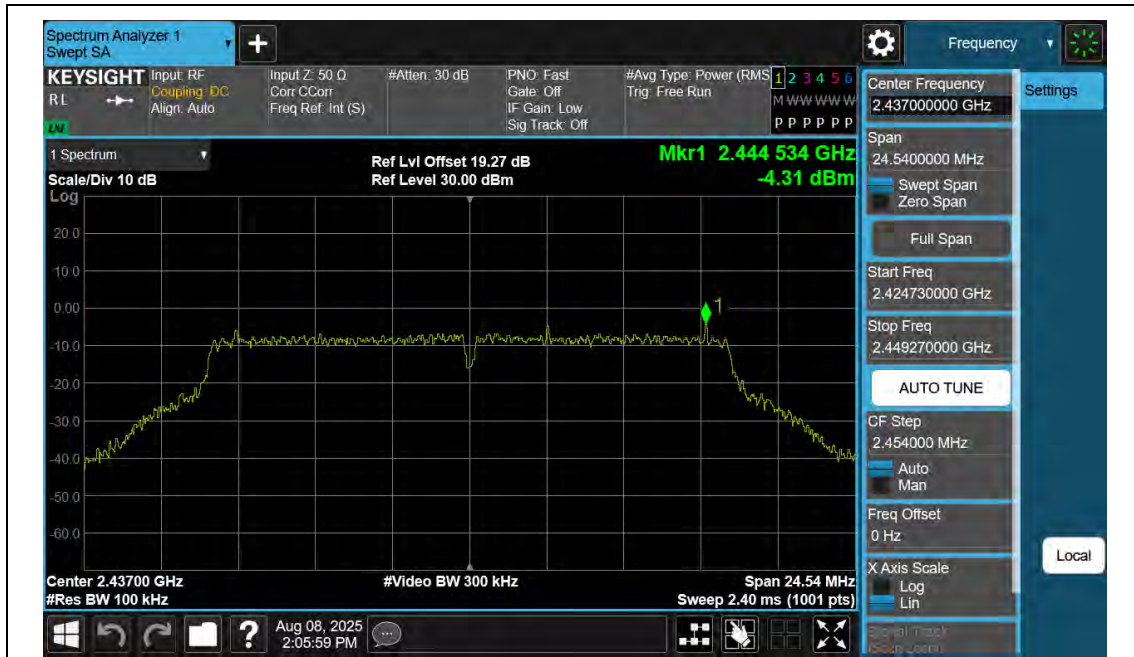




11G-Ant1-2412-PASS



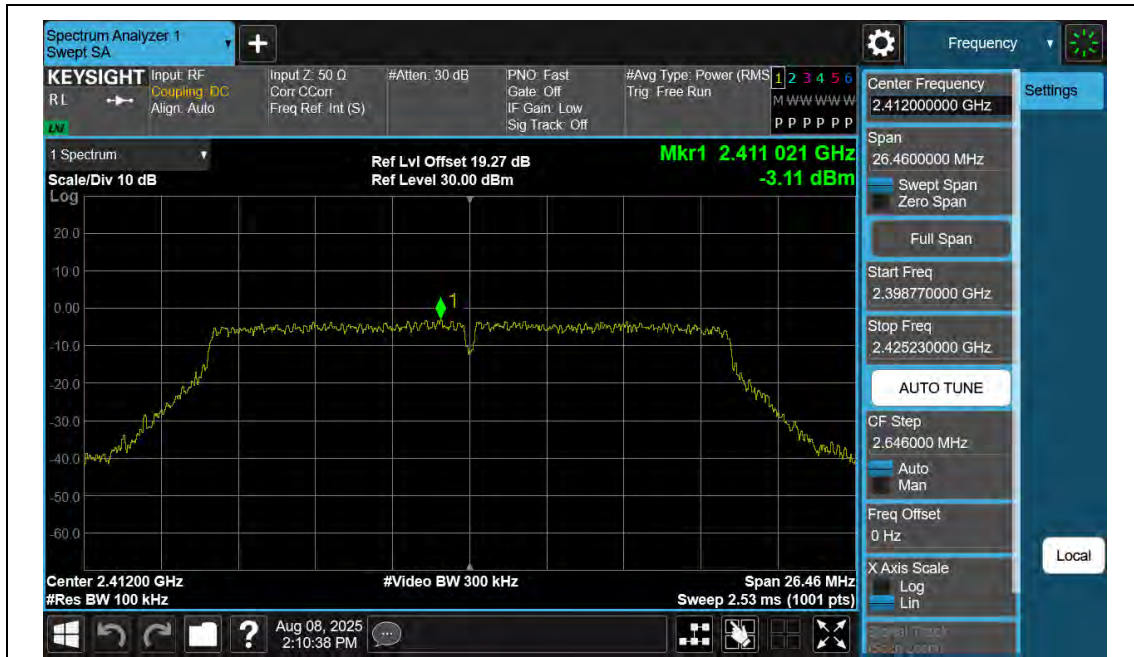
11G-Ant1-2437-PASS



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



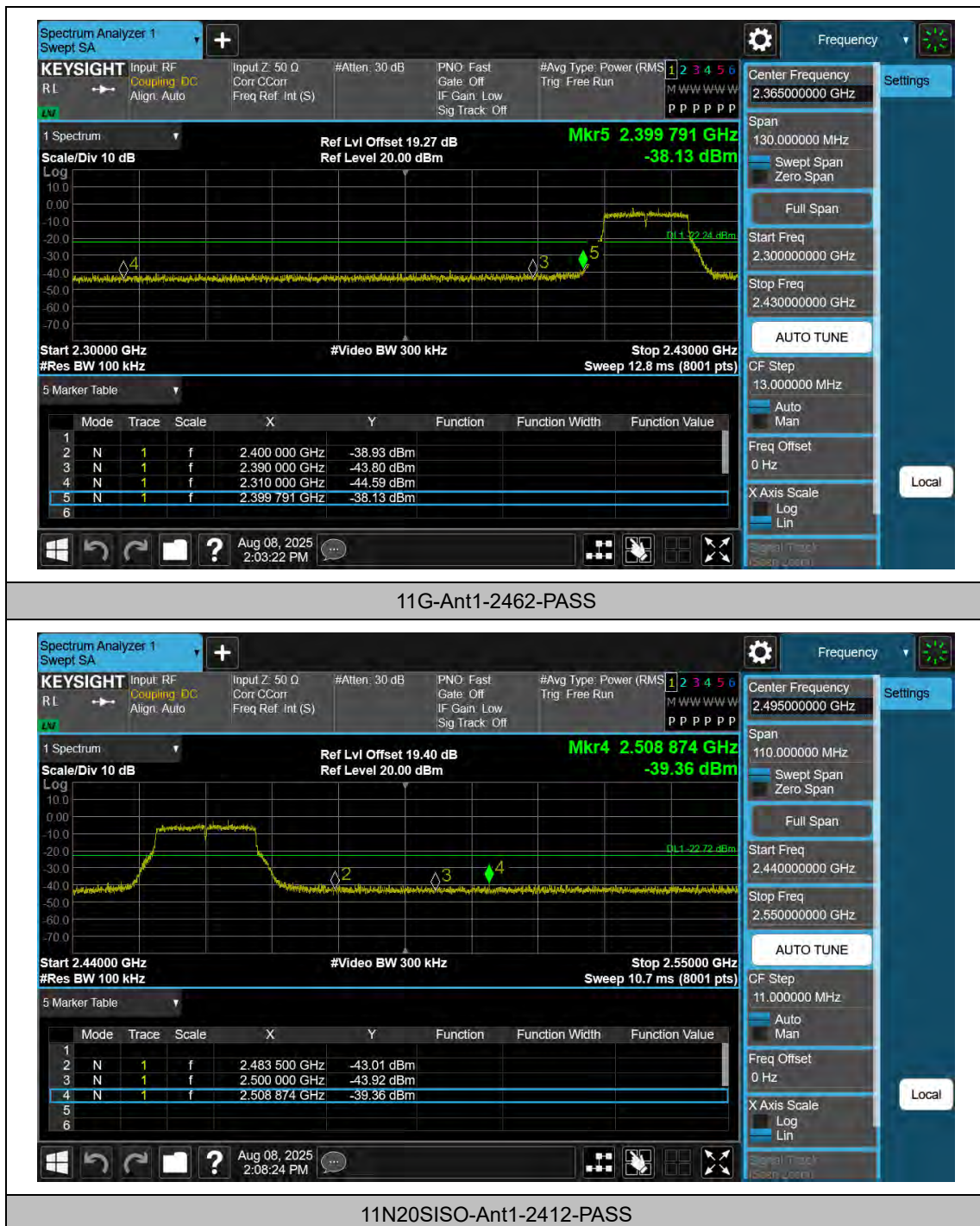
Appendix E: Band edge measurements

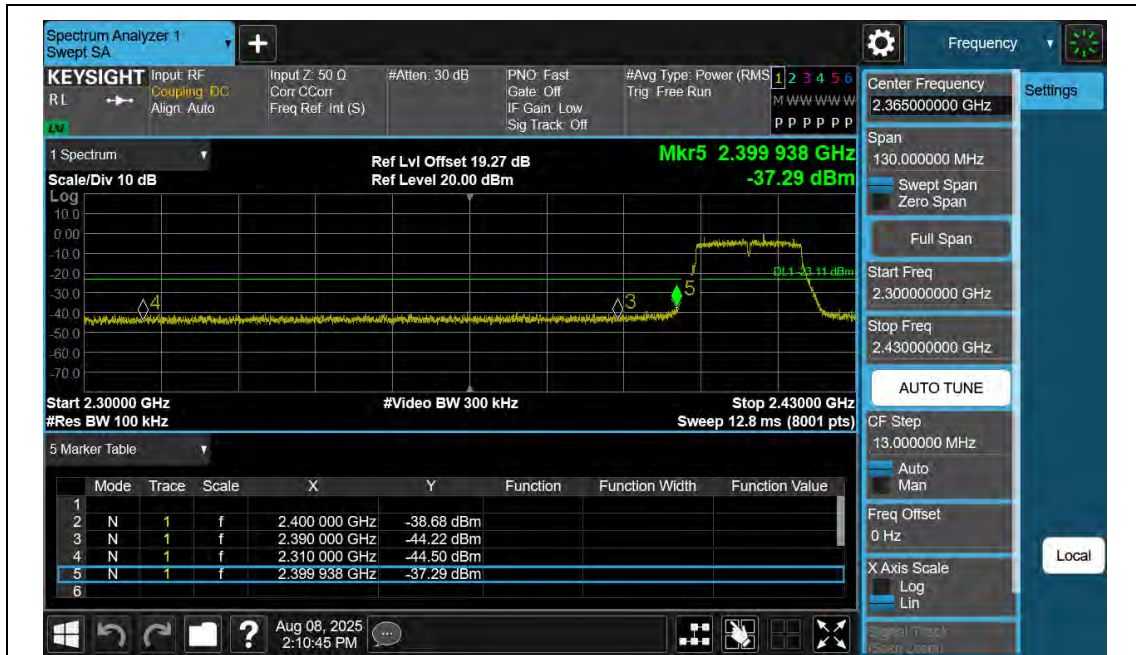
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.46	-38.64	≤ -13.54	PASS
11B	Ant1	High	2462	6.48	-38.81	≤ -13.52	PASS
11G	Ant1	Low	2412	-2.24	-38.13	≤ -22.24	PASS
11G	Ant1	High	2462	-2.72	-39.36	≤ -22.72	PASS
11N20SISO	Ant1	Low	2412	-3.11	-37.29	≤ -23.11	PASS
11N20SISO	Ant1	High	2462	-1.20	-39.11	≤ -21.20	PASS
11N40SISO	Ant1	Low	2422	-7.07	-38.93	≤ -27.07	PASS
11N40SISO	Ant1	High	2452	-7.36	-39.50	≤ -27.36	PASS

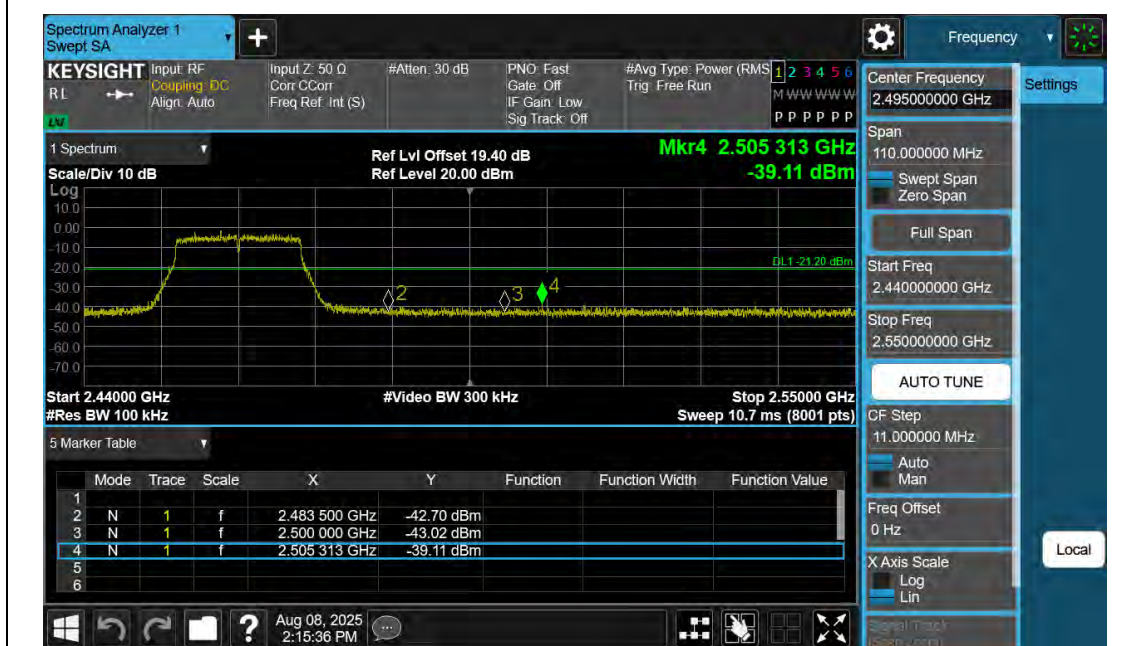
Test Graphs



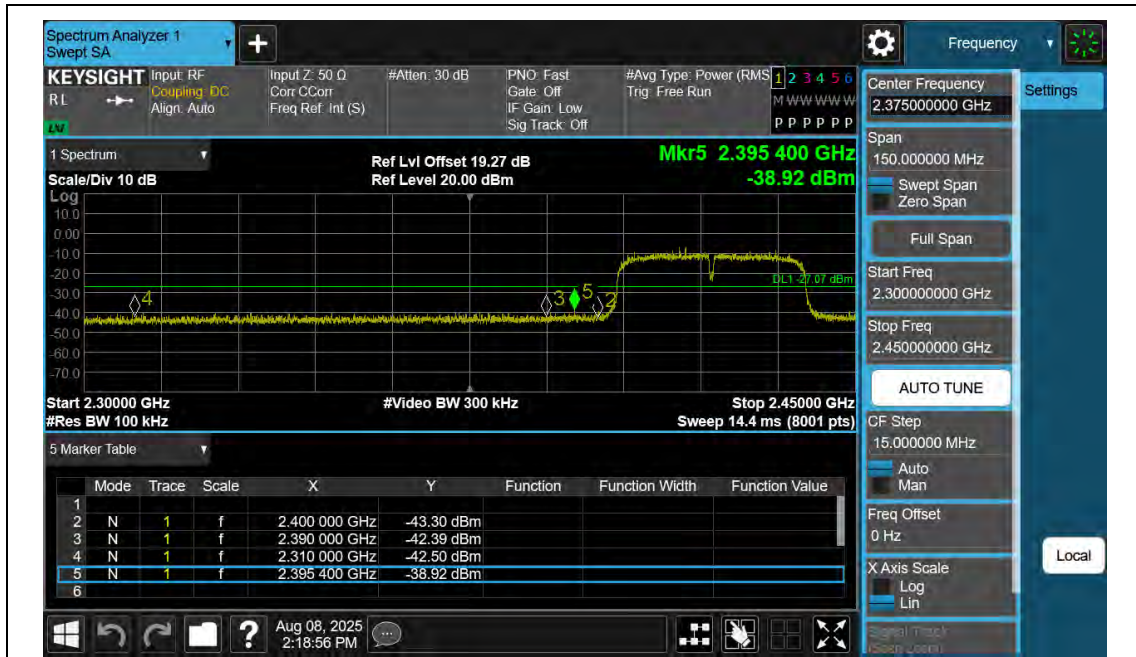




11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS



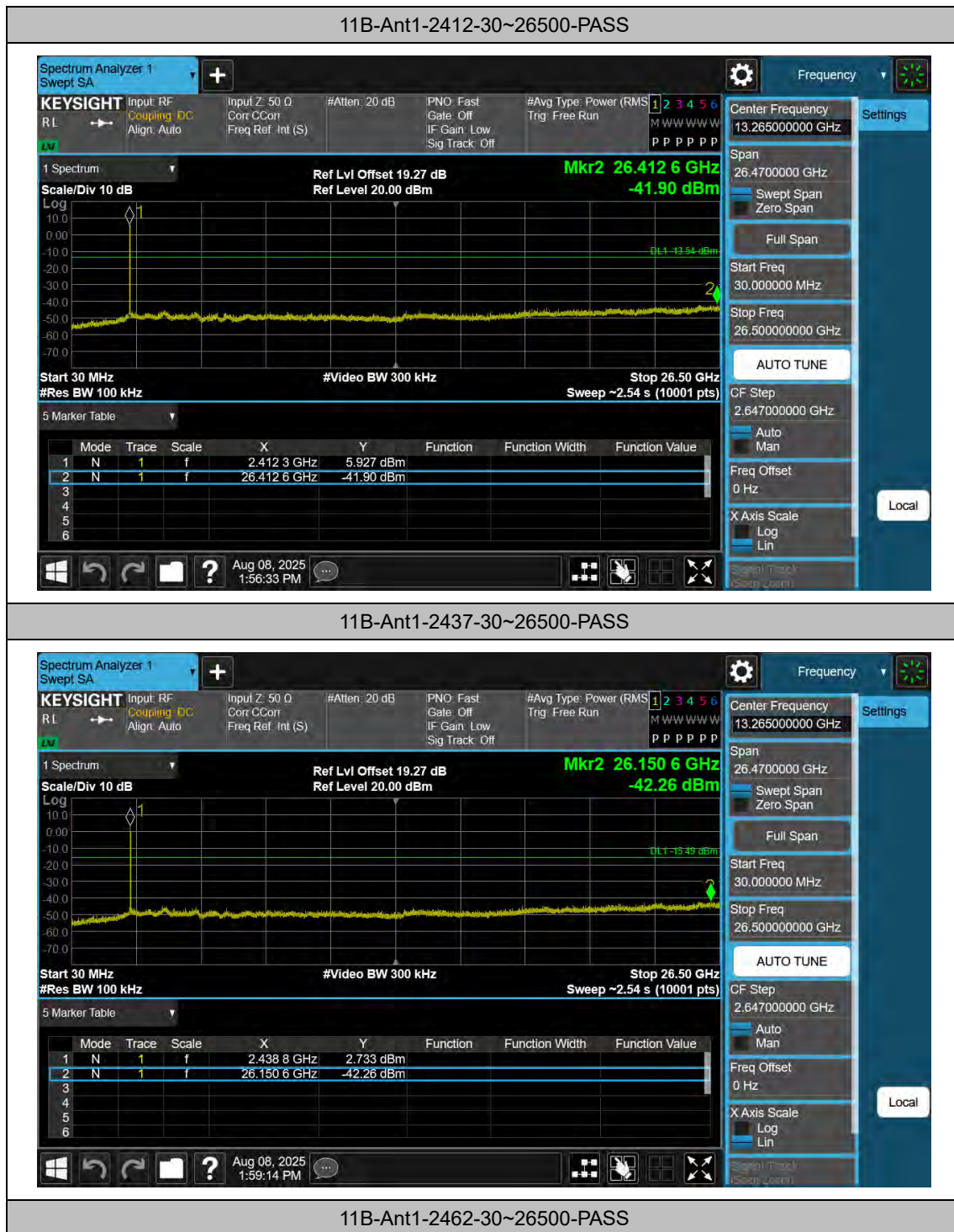
Appendix F: Conducted Spurious Emission

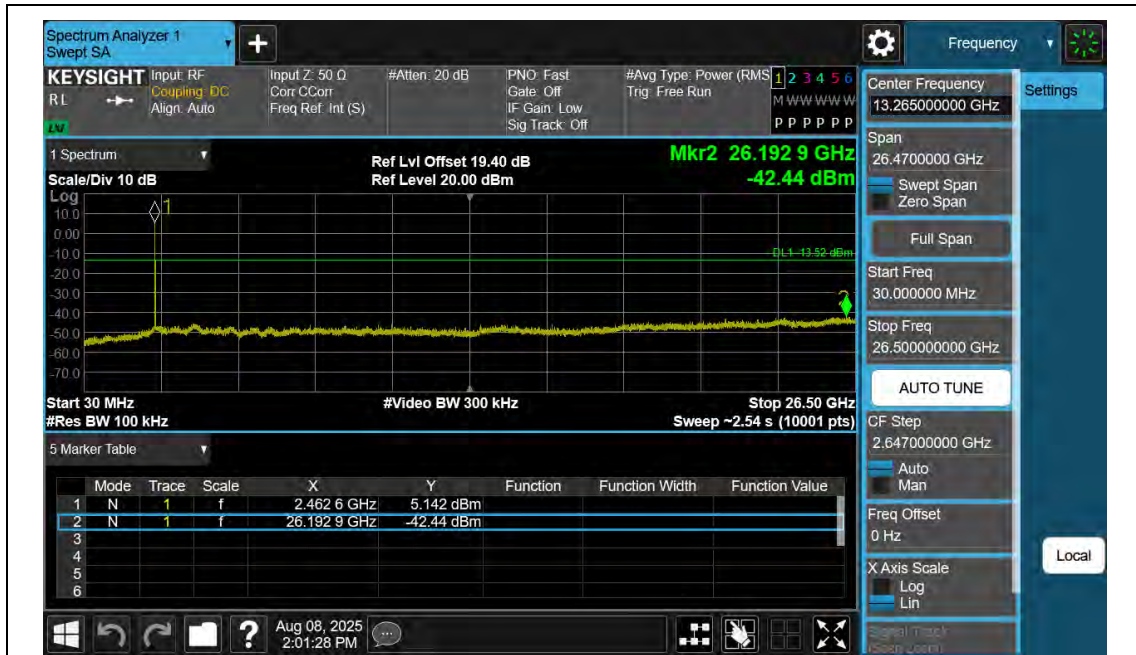
Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	6.46	-41.90	≤-13.54	PASS
11B	Ant1	2437	30~26500	4.51	-42.26	≤-15.49	PASS
11B	Ant1	2462	30~26500	6.48	-42.44	≤-13.52	PASS
11G	Ant1	2412	30~26500	-2.24	-41.30	≤-22.24	PASS
11G	Ant1	2437	30~26500	-4.31	-41.76	≤-24.31	PASS
11G	Ant1	2462	30~26500	-2.72	-41.74	≤-22.72	PASS
11N20SISO	Ant1	2412	30~26500	-3.11	-42.53	≤-23.11	PASS
11N20SISO	Ant1	2437	30~26500	-2.77	-41.86	≤-22.77	PASS
11N20SISO	Ant1	2462	30~26500	-1.20	-41.73	≤-21.20	PASS
11N40SISO	Ant1	2422	30~26500	-7.07	-41.61	≤-27.07	PASS
11N40SISO	Ant1	2437	30~26500	-8.50	-41.81	≤-28.50	PASS
11N40SISO	Ant1	2452	30~26500	-7.36	-42.01	≤-27.36	PASS

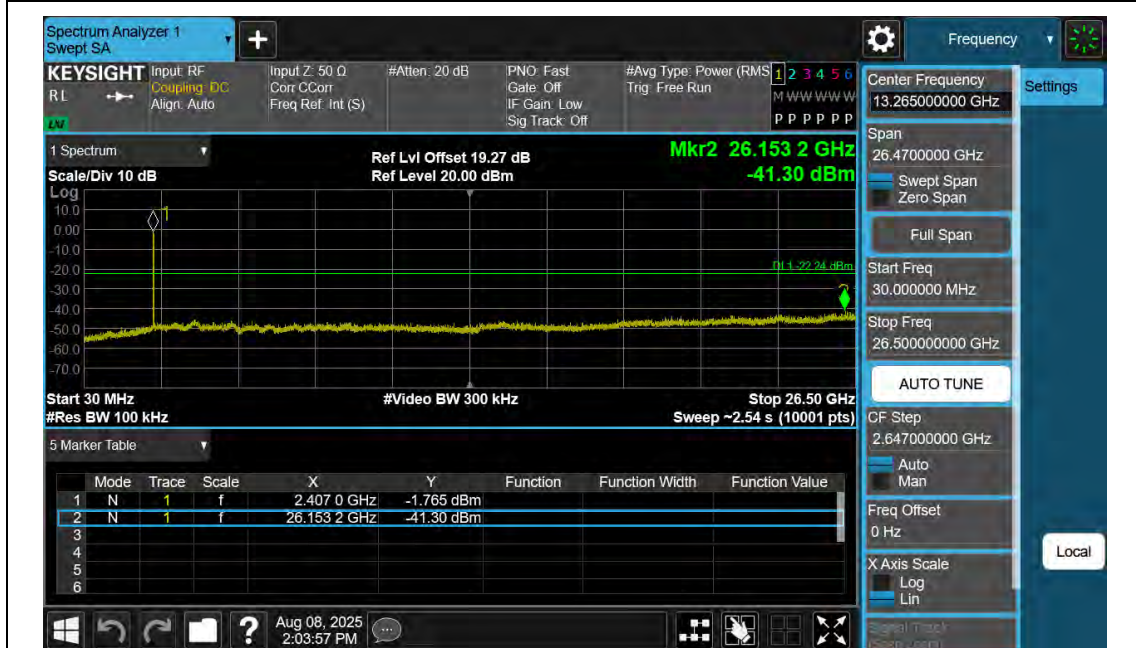


Test Graphs





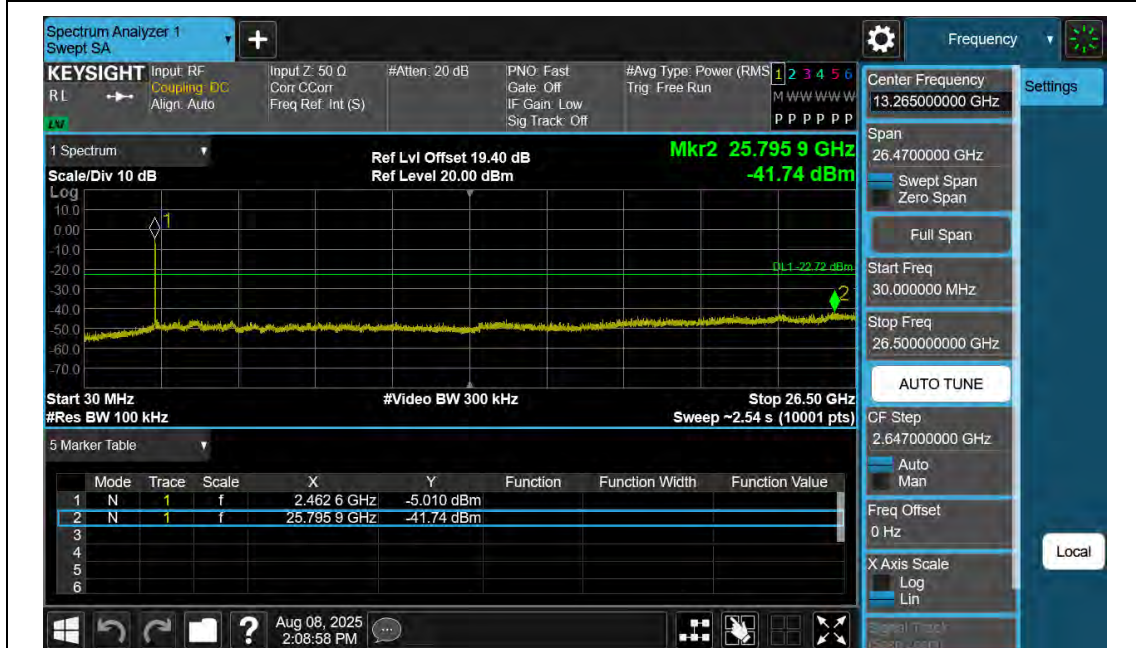
11G-Ant1-2412-30~26500-PASS



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



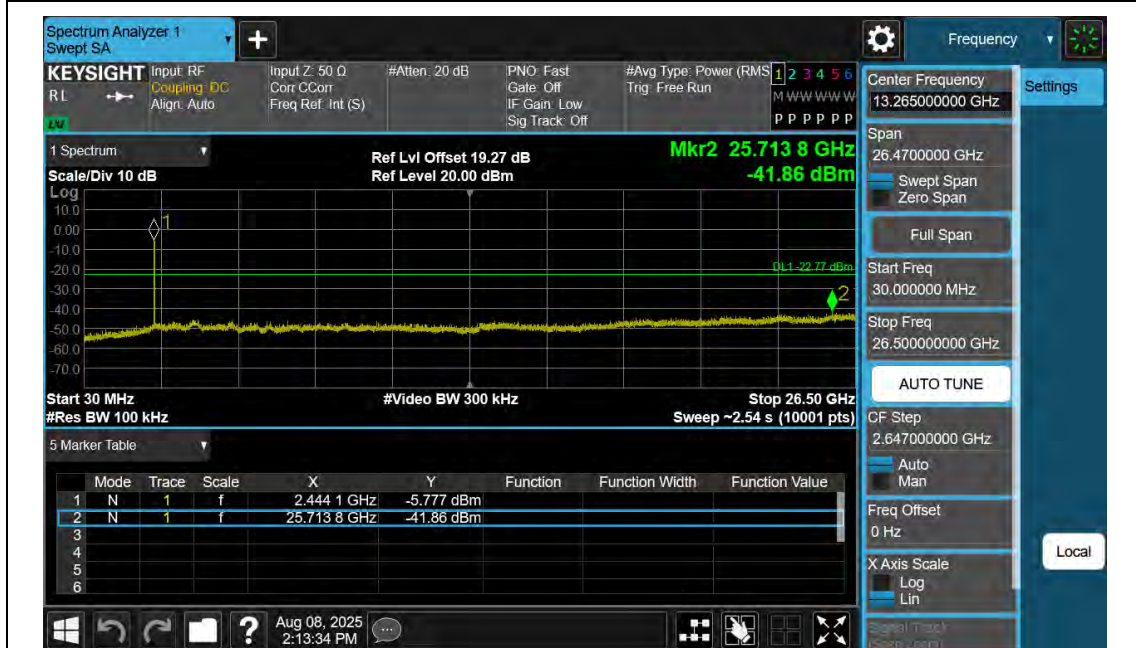
11G-Ant1-2462-30~26500-PASS



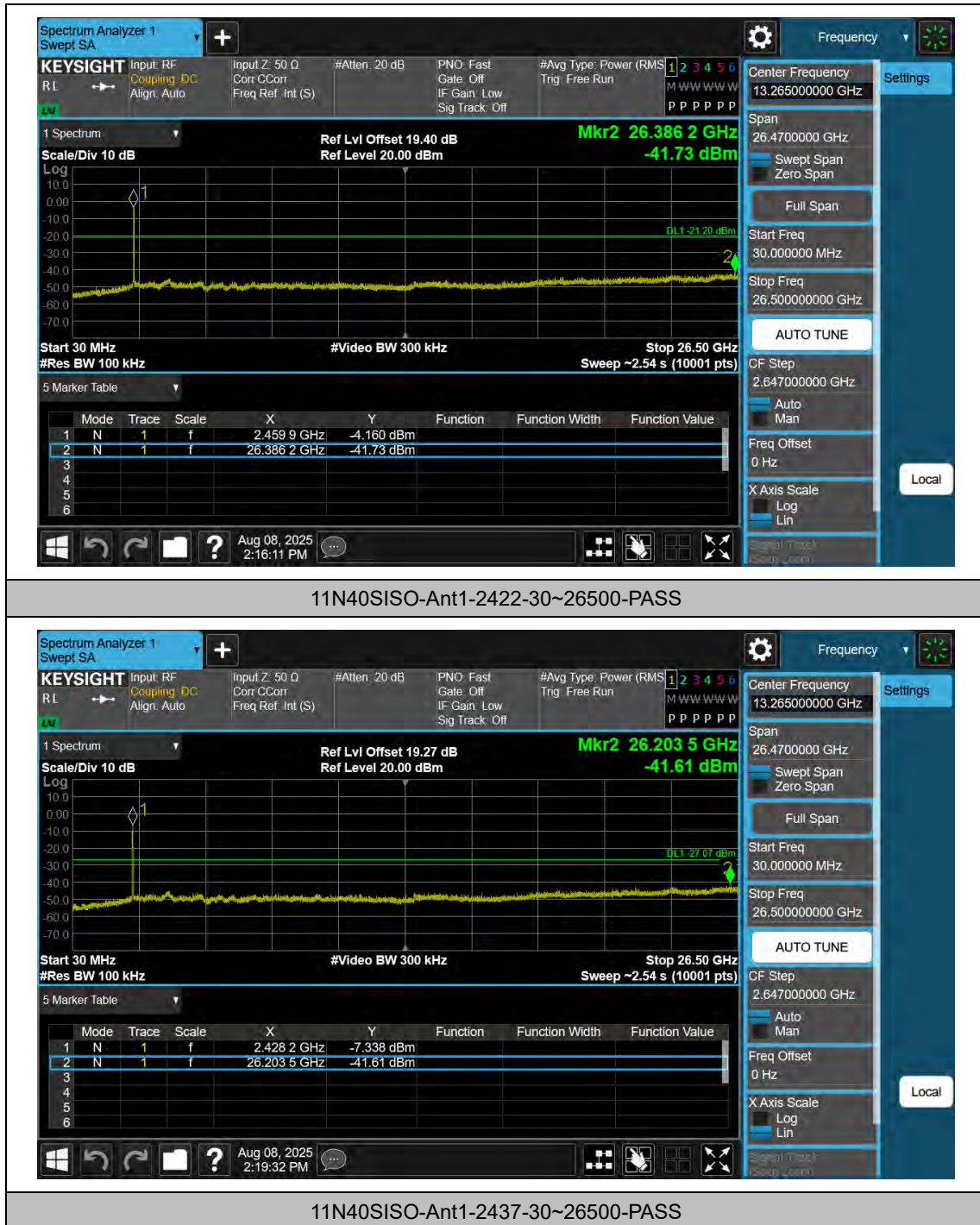
11N20SISO-Ant1-2412-30~26500-PASS

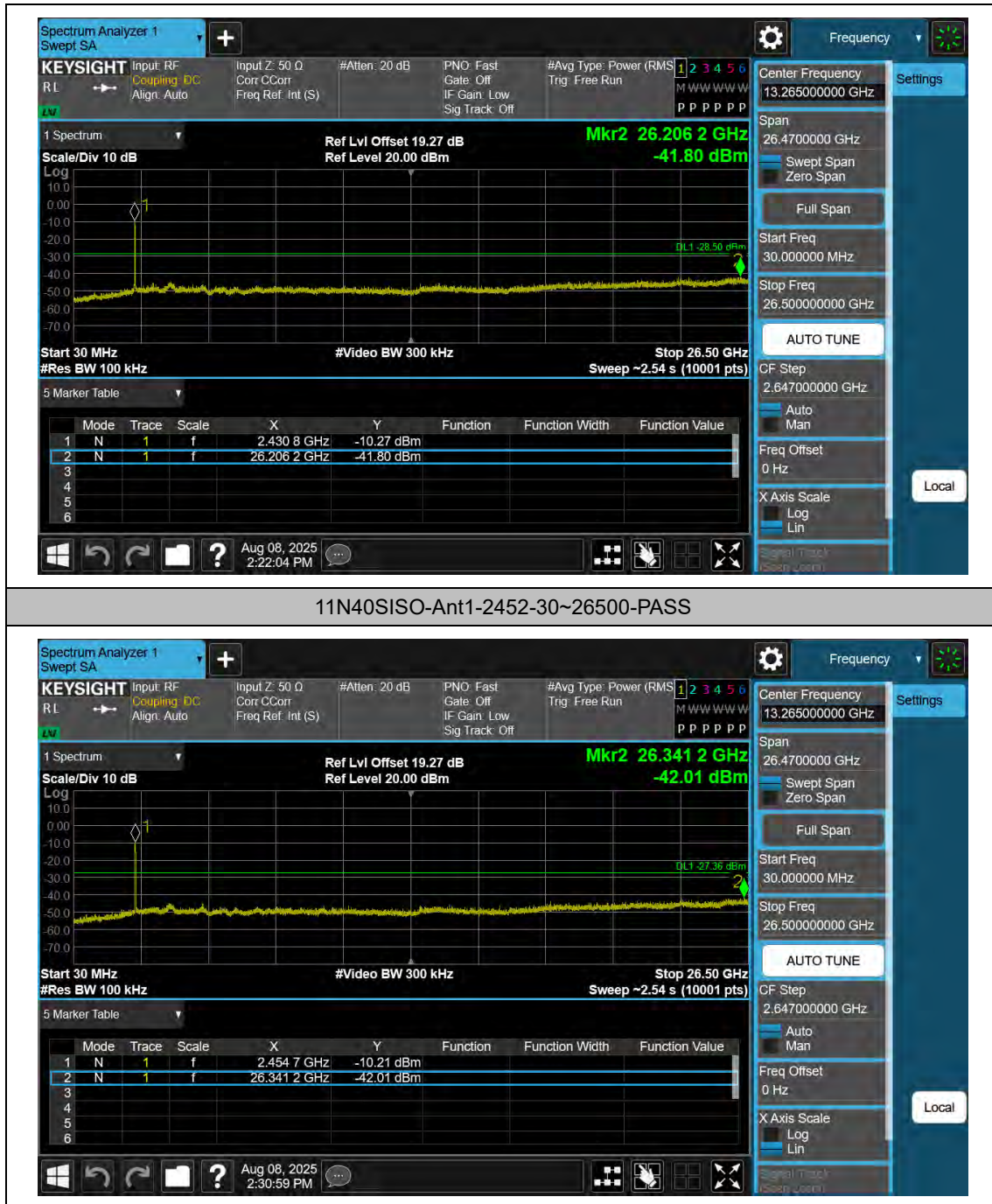


11N20SISO-Ant1-2437-30~26500-PASS



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



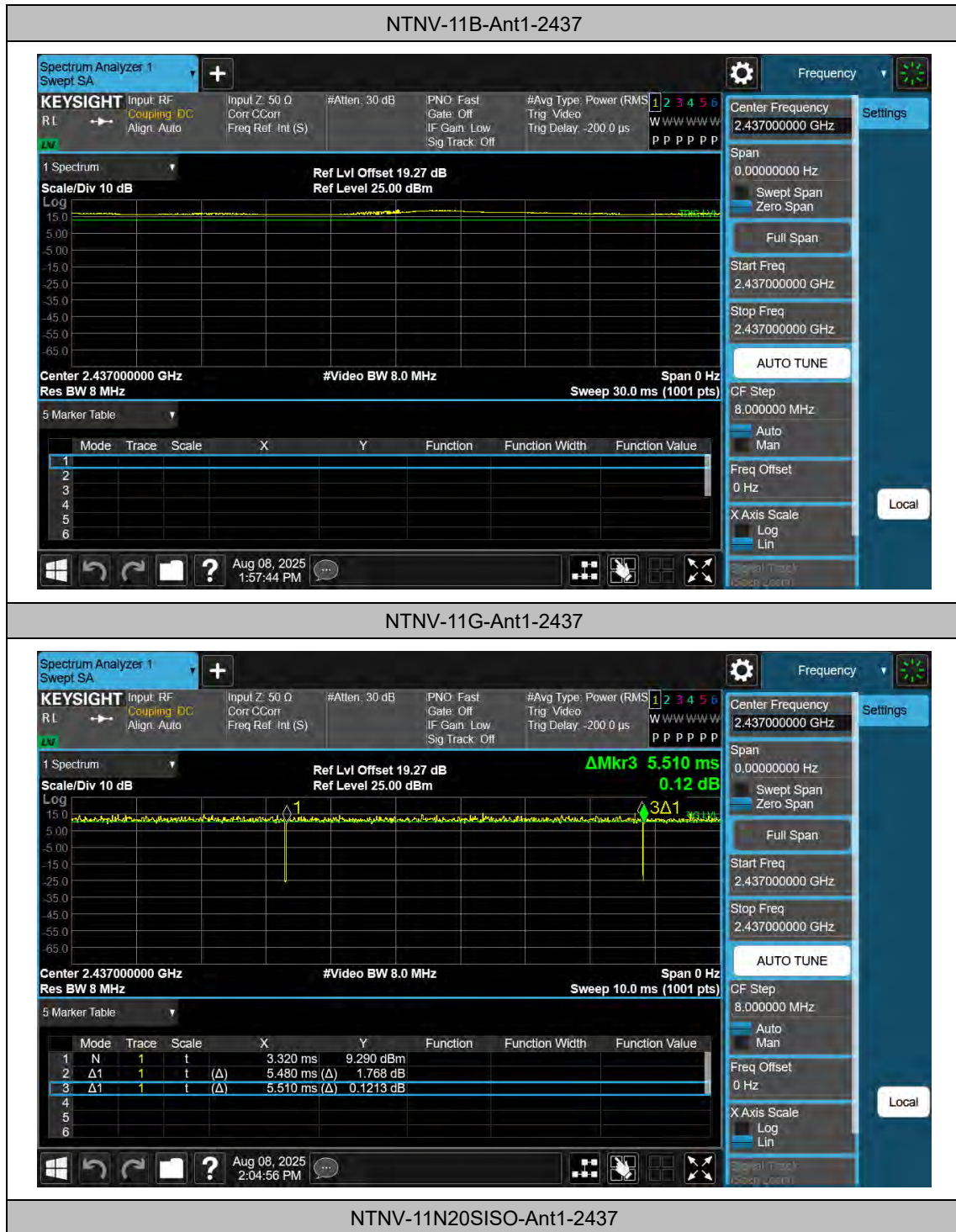


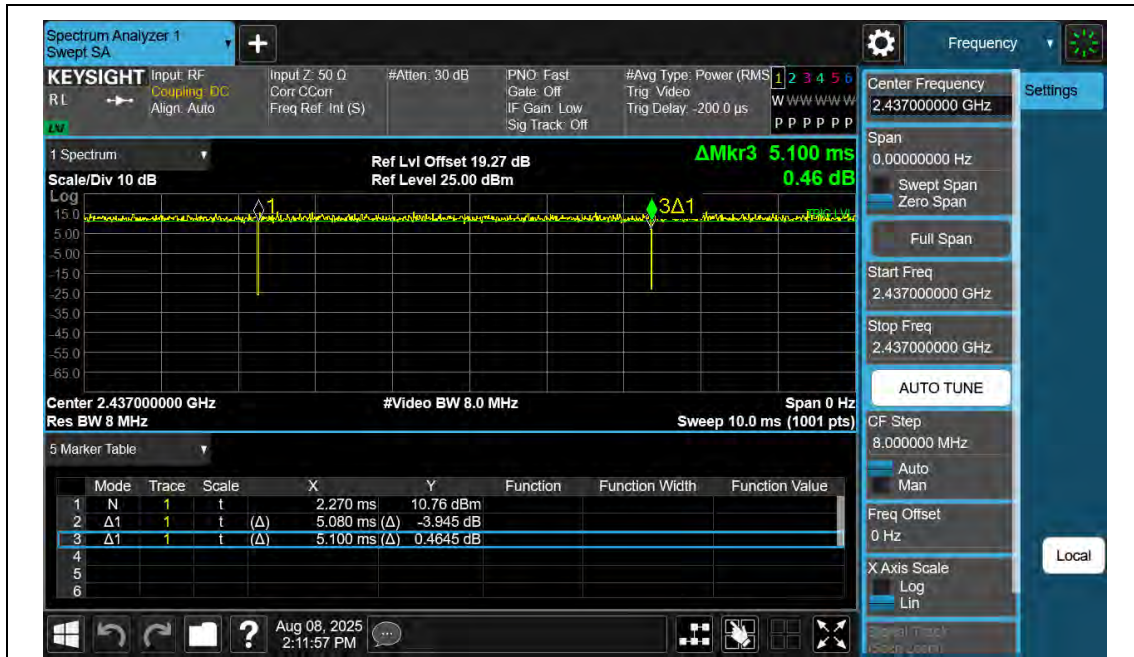
Appendix G: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	30.00	30.00	100.00
11G	Ant1	2437	5.48	5.51	99.46
11N20SISO	Ant1	2437	5.08	5.10	99.61
11N40SISO	Ant1	2437	2.47	2.49	99.20

Test Graphs





NTNV-11N40SISO-Ant1-2437

