

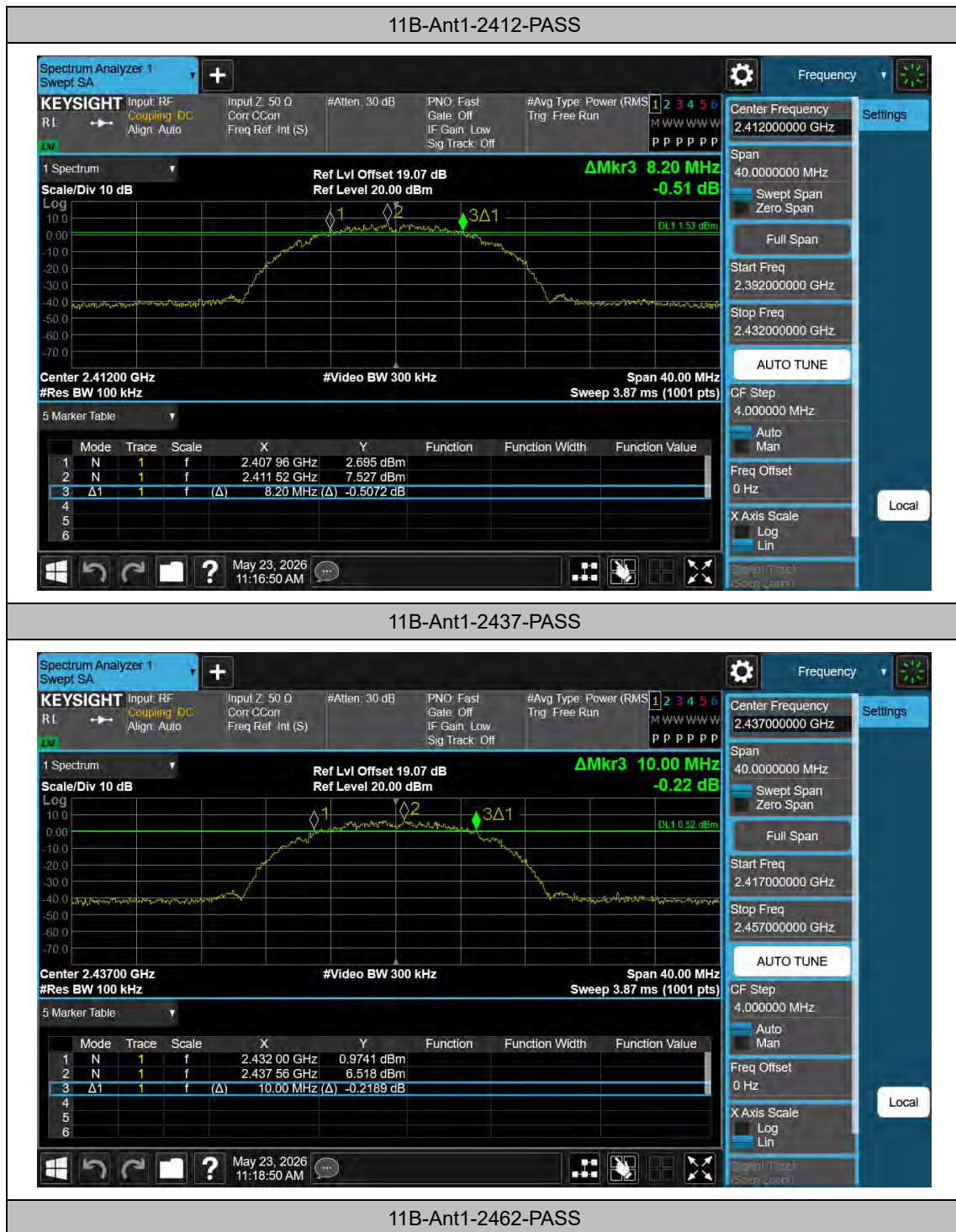
Appendix A: DTS Bandwidth

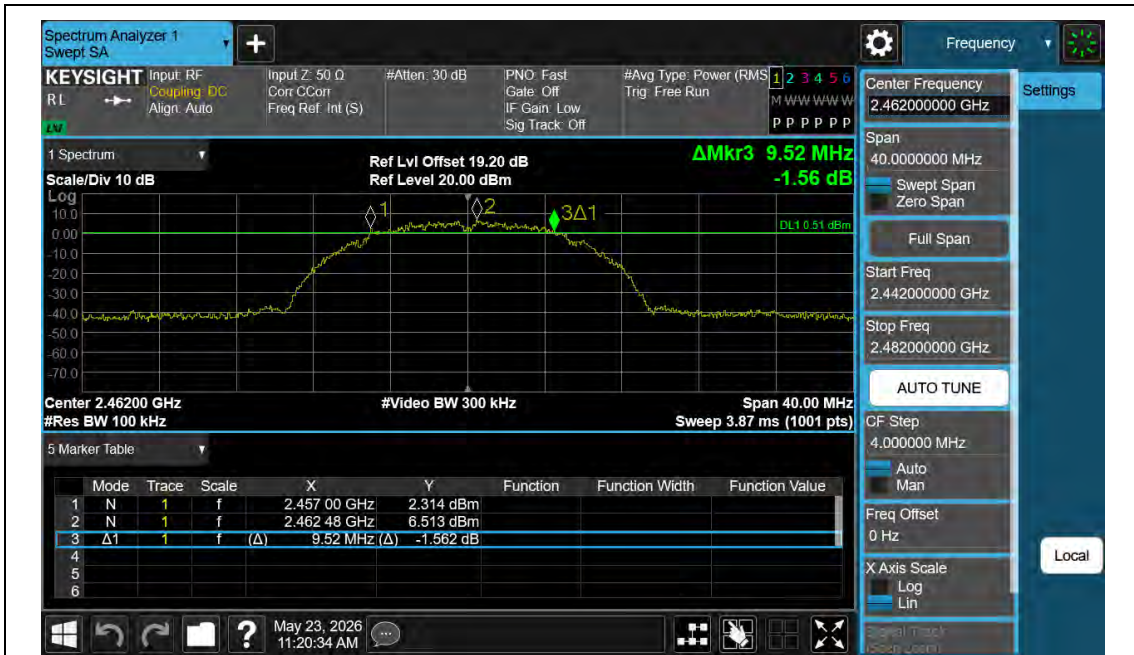
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.200	2407.960	2416.160	0.5	PASS
11B	Ant1	2437	10.000	2432.000	2442.000	0.5	PASS
11B	Ant1	2462	9.520	2457.000	2466.520	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	16.400	2428.800	2445.200	0.5	PASS
11G	Ant1	2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.160	2420.840	0.5	PASS
11N20SISO	Ant1	2437	17.720	2428.120	2445.840	0.5	PASS
11N20SISO	Ant1	2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	33.760	2404.480	2438.240	0.5	PASS
11N40SISO	Ant1	2437	32.320	2420.680	2453.000	0.5	PASS
11N40SISO	Ant1	2452	34.160	2435.360	2469.520	0.5	PASS



Test Graphs

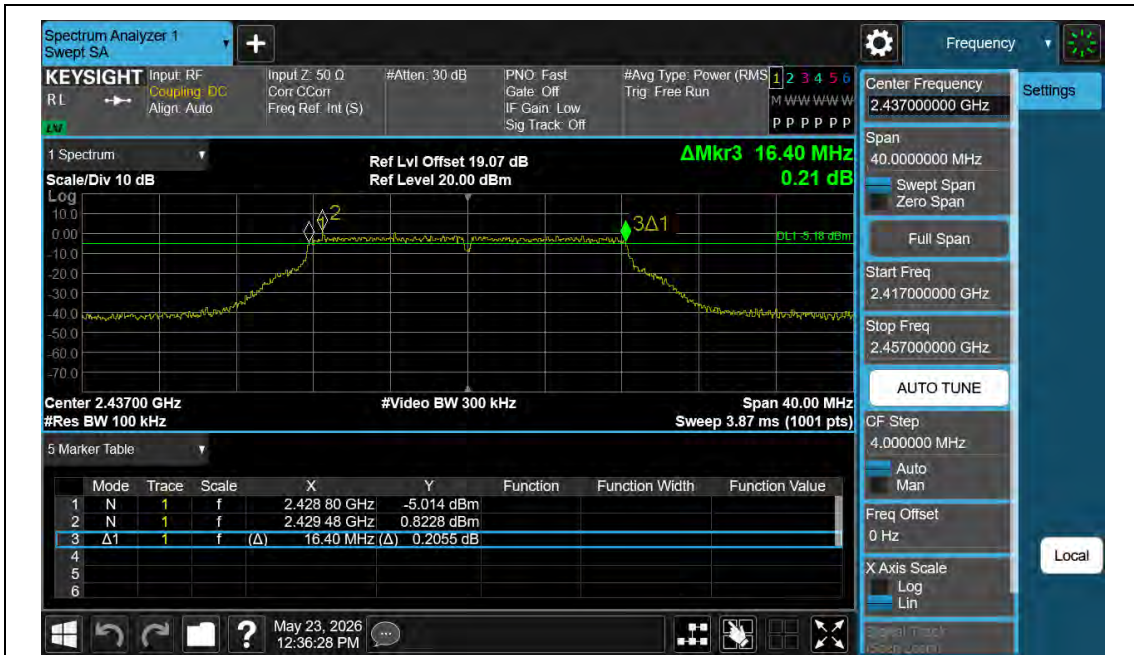




11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



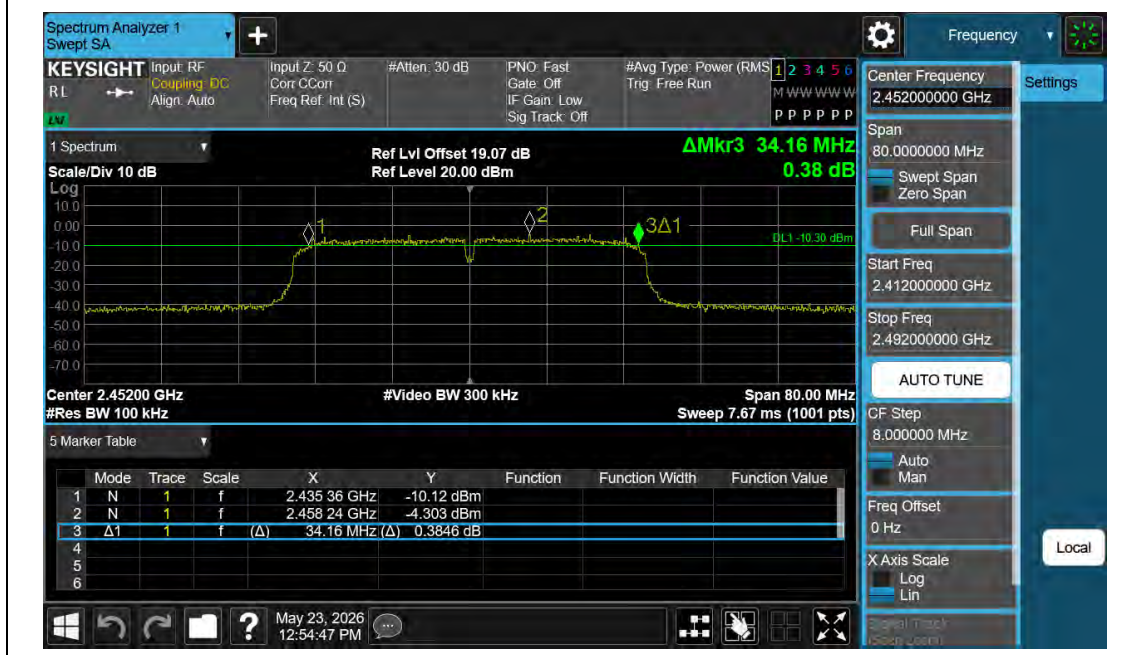
11N40SISO-Ant1-2422-PASS

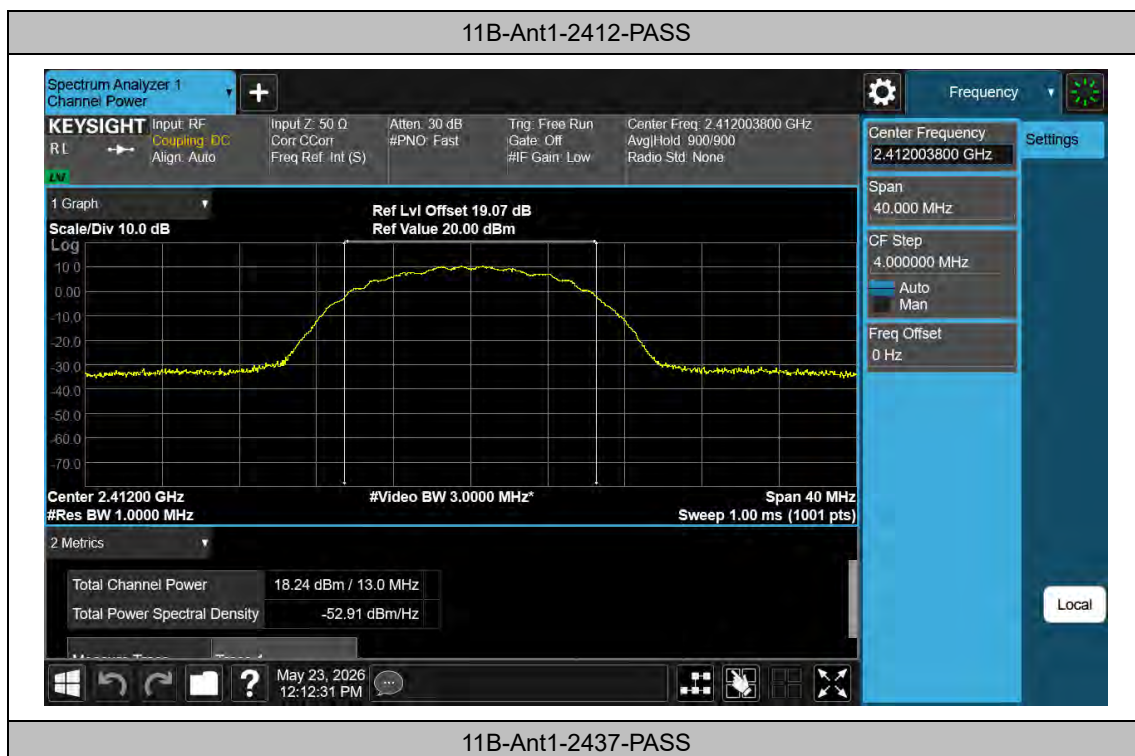


11N40SISO-Ant1-2437-PASS



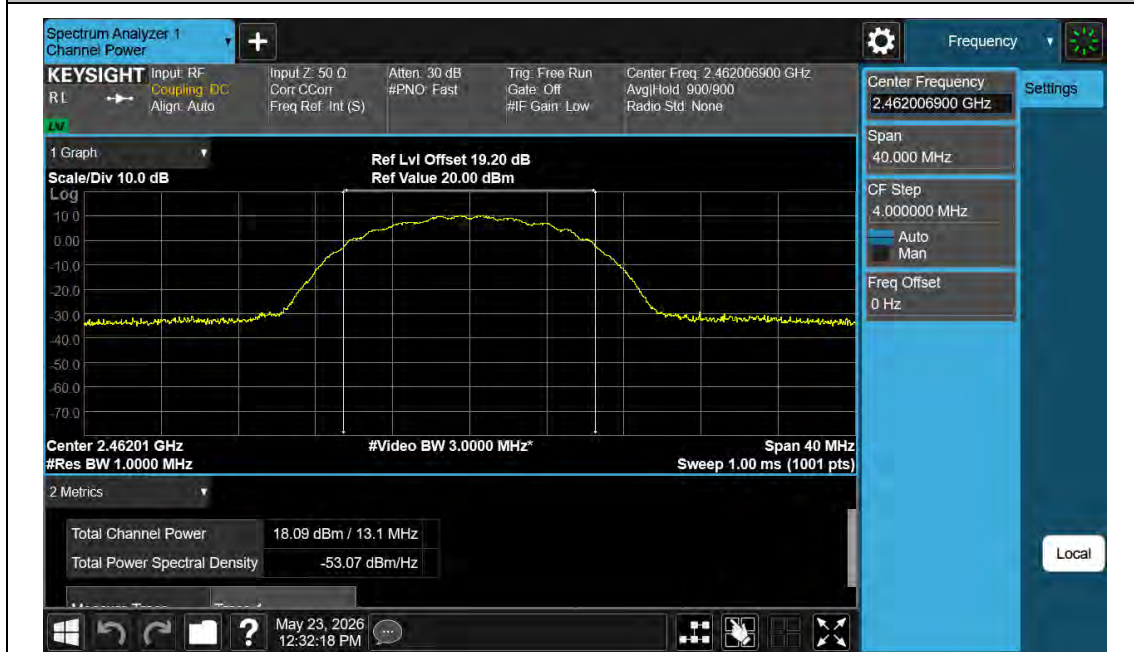
11N40SISO-Ant1-2452-PASS







11B-Ant1-2462-PASS



11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



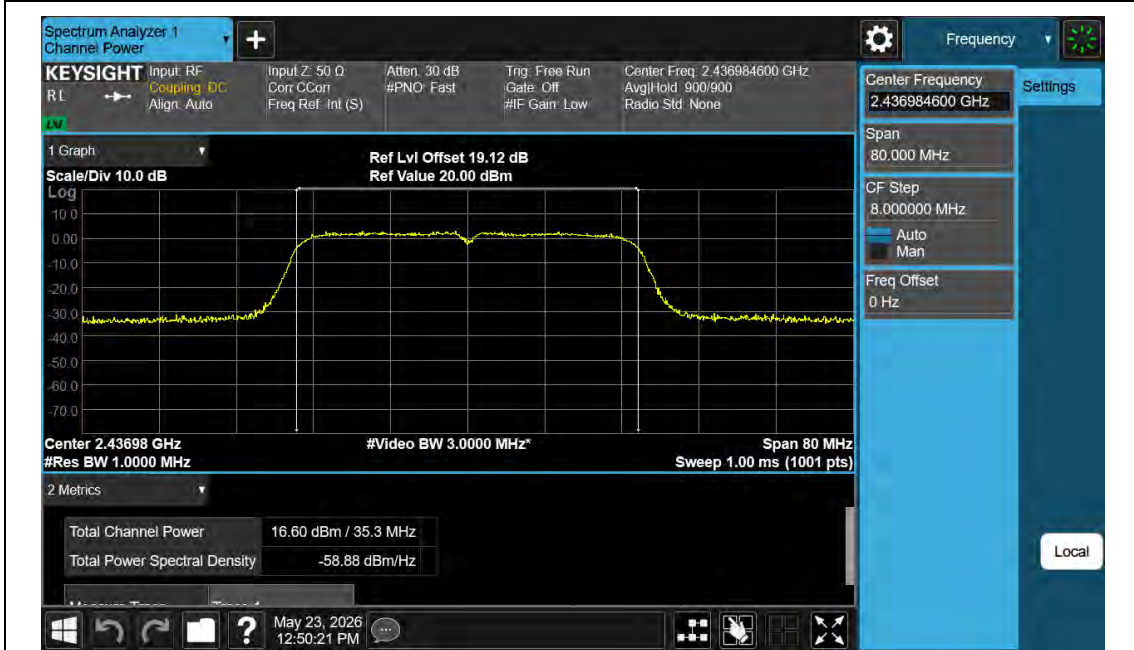
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



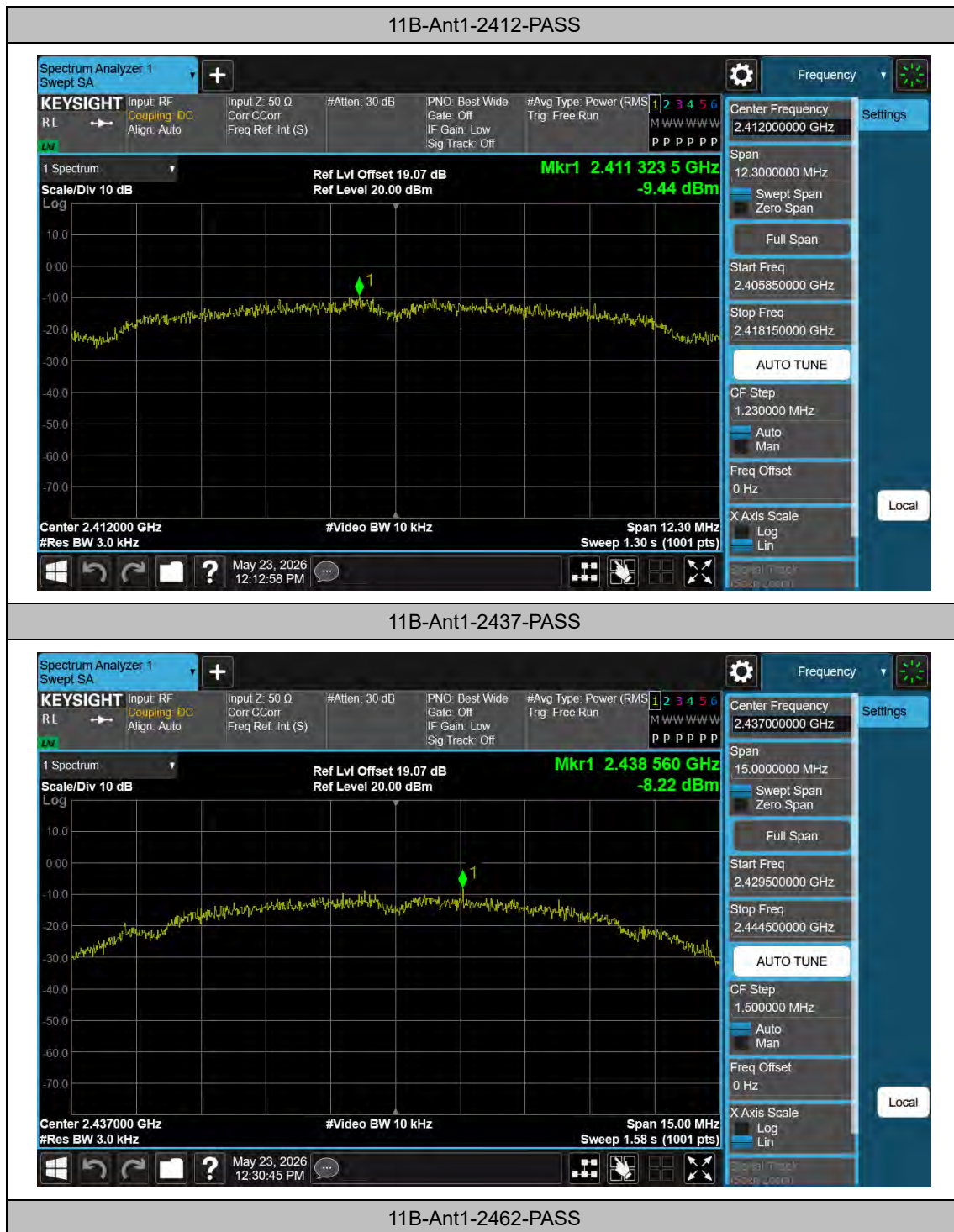
Appendix C: Maximum power spectral density

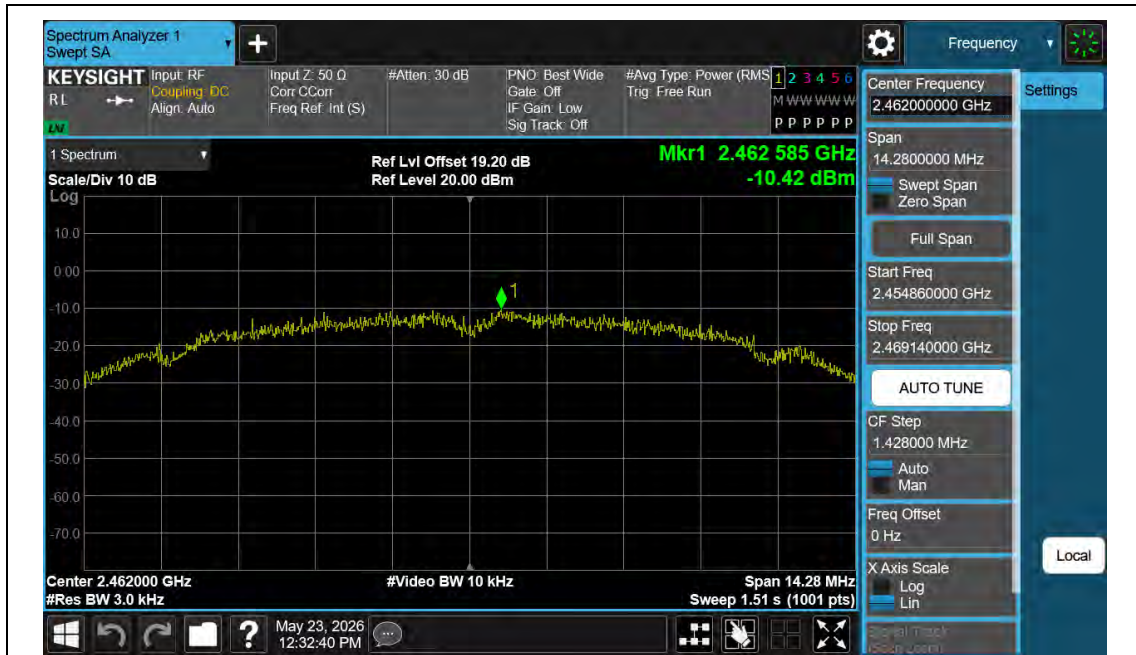
Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.44	≤8.00	PASS
11B	Ant1	2437	-8.22	≤8.00	PASS
11B	Ant1	2462	-10.42	≤8.00	PASS
11G	Ant1	2412	-12.65	≤8.00	PASS
11G	Ant1	2437	-12.34	≤8.00	PASS
11G	Ant1	2462	-12.81	≤8.00	PASS
11N20SISO	Ant1	2412	-12.89	≤8.00	PASS
11N20SISO	Ant1	2437	-12.84	≤8.00	PASS
11N20SISO	Ant1	2462	-13.23	≤8.00	PASS
11N40SISO	Ant1	2422	-16.00	≤8.00	PASS
11N40SISO	Ant1	2437	-15.69	≤8.00	PASS
11N40SISO	Ant1	2452	-16.45	≤8.00	PASS

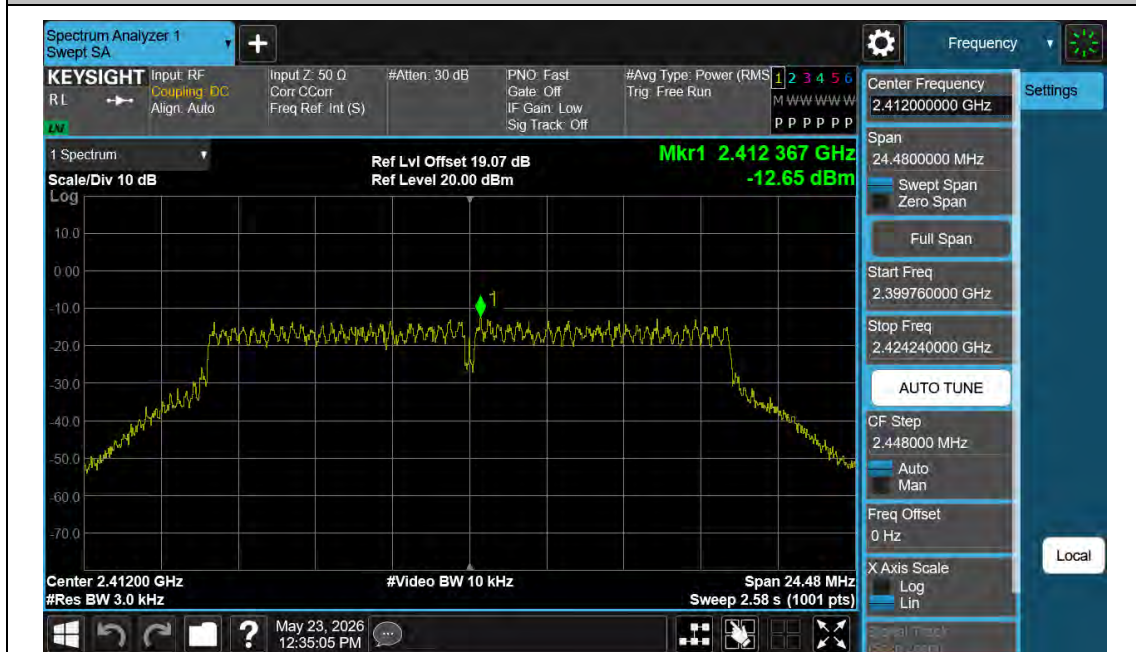


Test Graphs

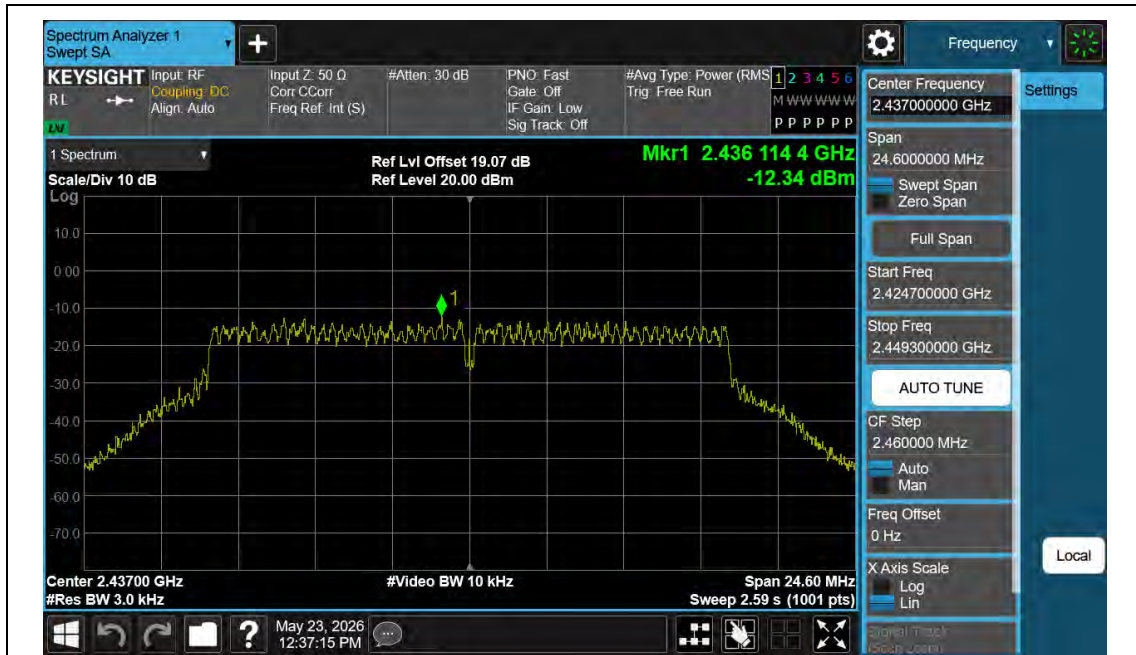




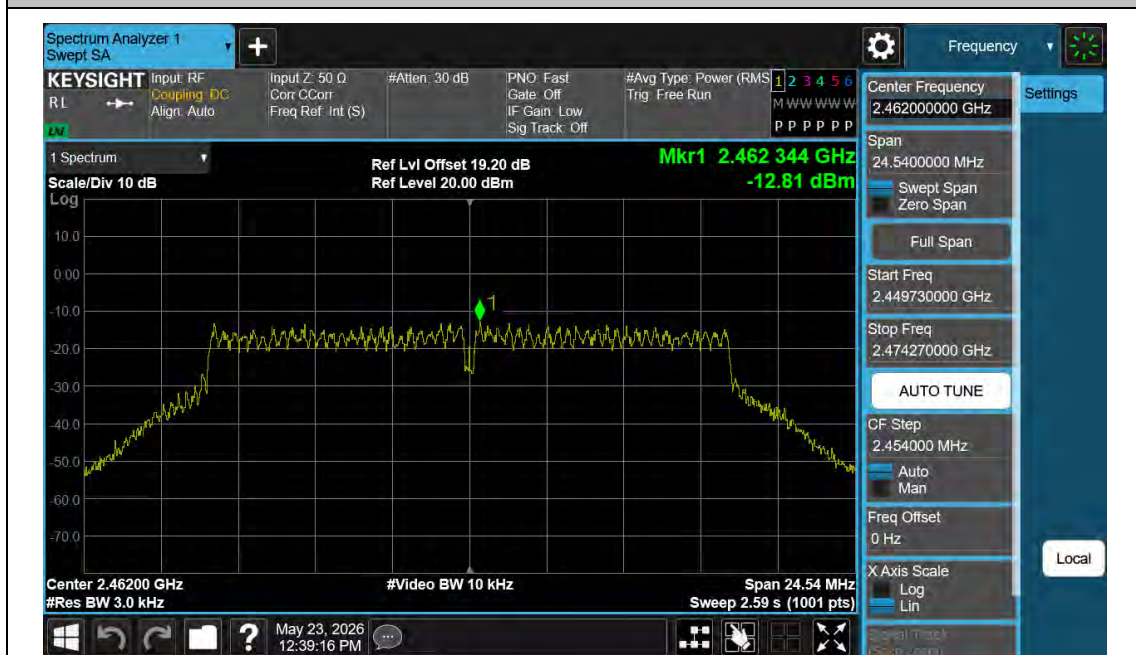
11G-Ant1-2412-PASS



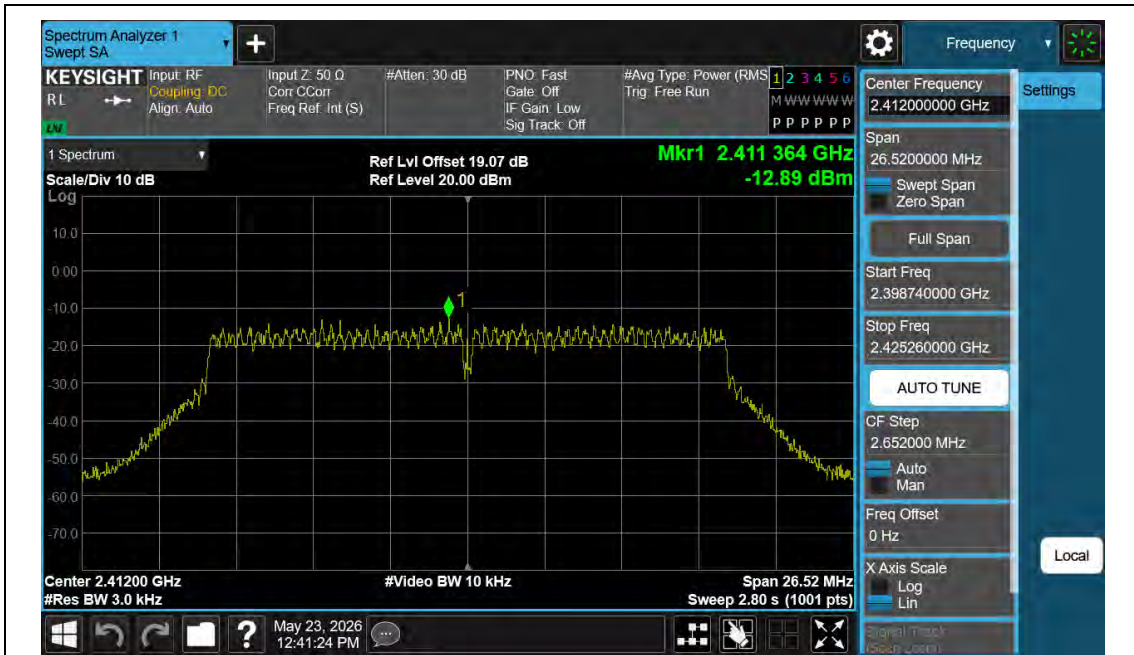
11G-Ant1-2437-PASS



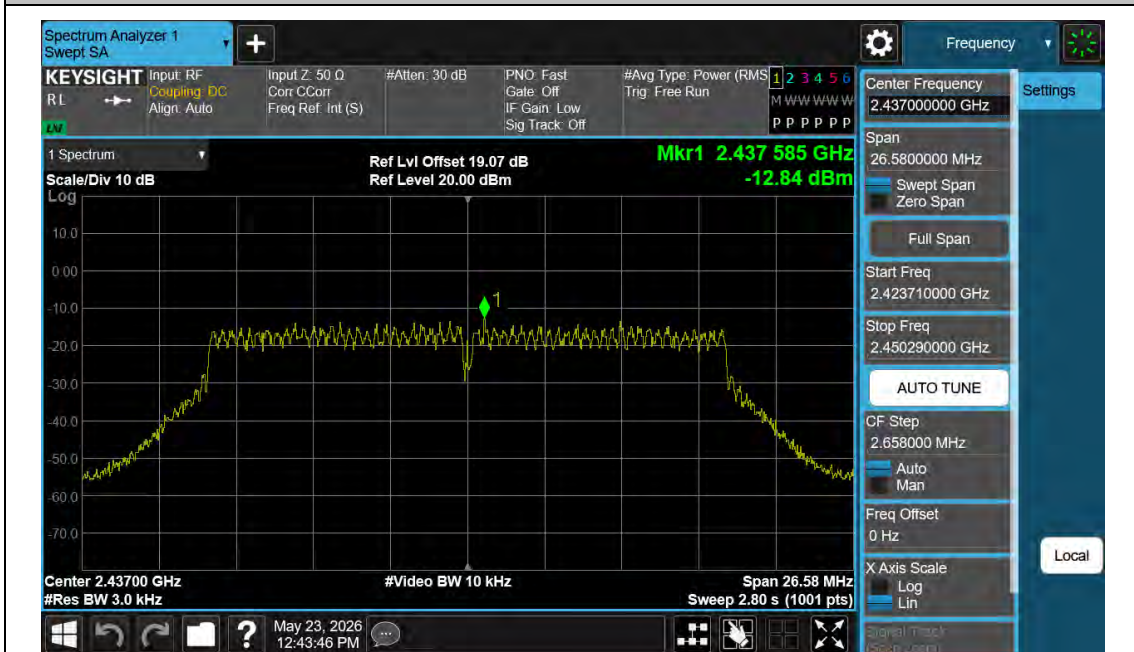
11G-Ant1-2462-PASS



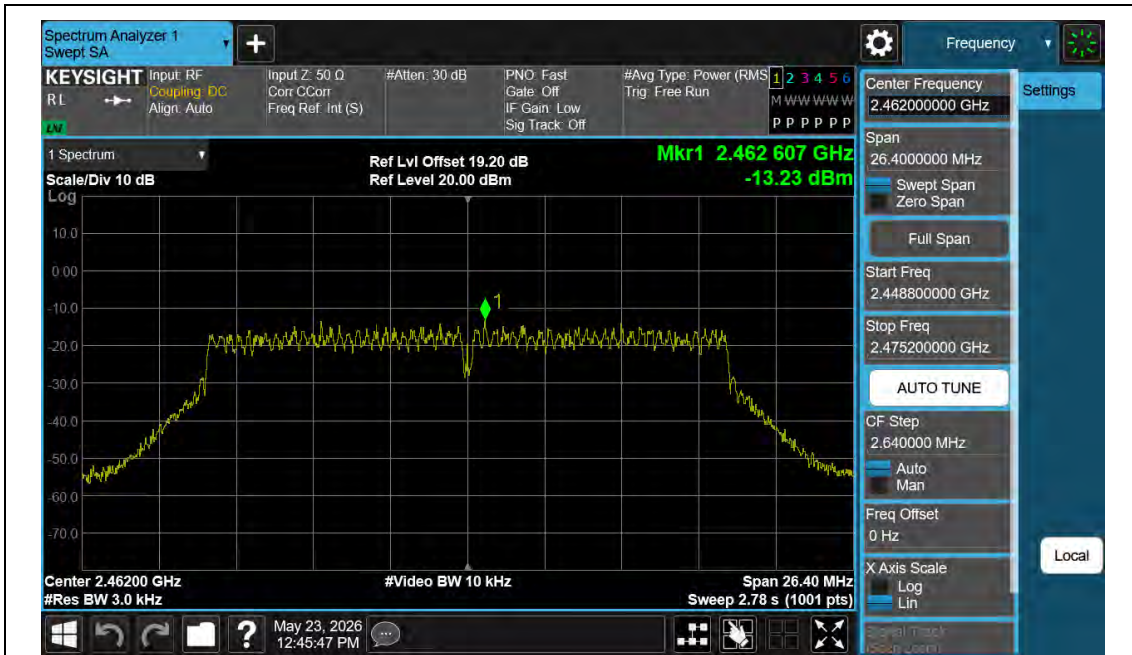
11N20SISO-Ant1-2412-PASS



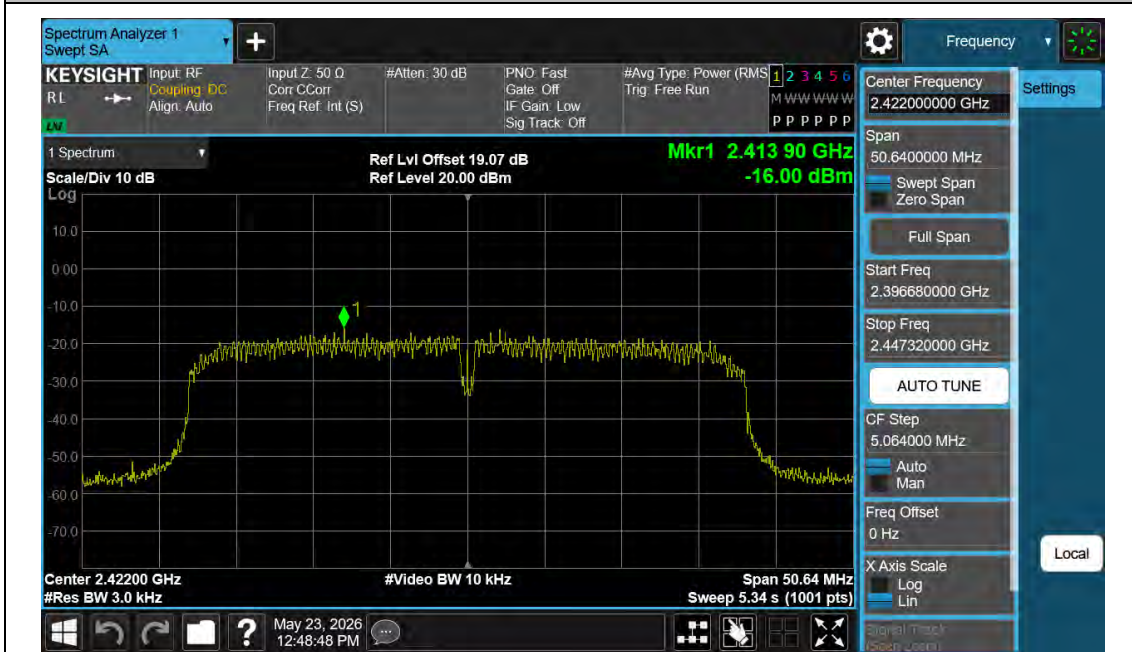
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



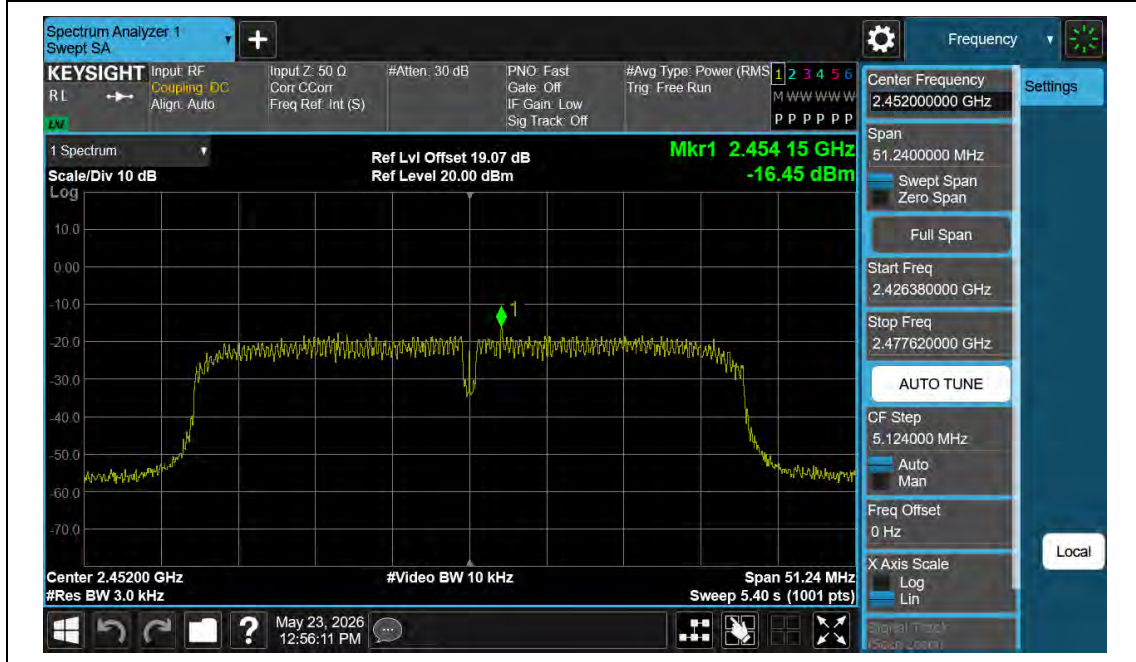
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



Appendix D: Reference level measurement

Test Result

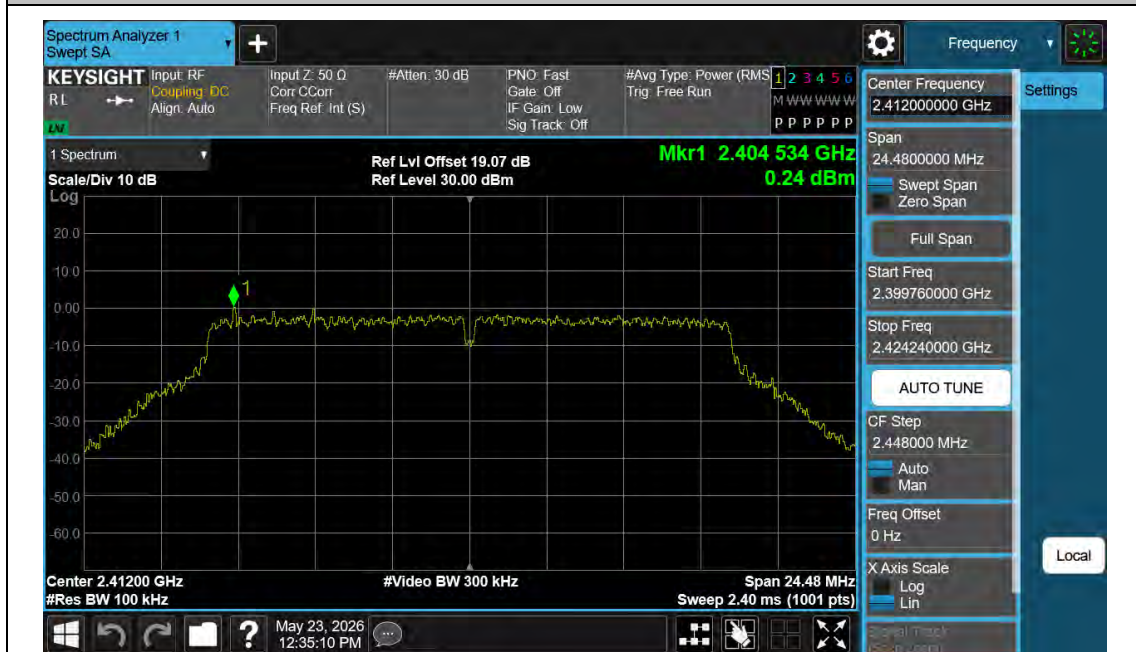
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.54	4.01
11B	Ant1	2437	2436.54	5.21
11B	Ant1	2462	2461.61	3.90
11G	Ant1	2412	2404.53	0.24
11G	Ant1	2437	2438.28	1.67
11G	Ant1	2462	2464.48	-0.08
11N20SISO	Ant1	2412	2413.25	-2.39
11N20SISO	Ant1	2437	2443.27	-0.09
11N20SISO	Ant1	2462	2463.29	0.22
11N40SISO	Ant1	2422	2418.25	-3.01
11N40SISO	Ant1	2437	2440.73	-2.72
11N40SISO	Ant1	2452	2457.02	-3.54

Test Graphs

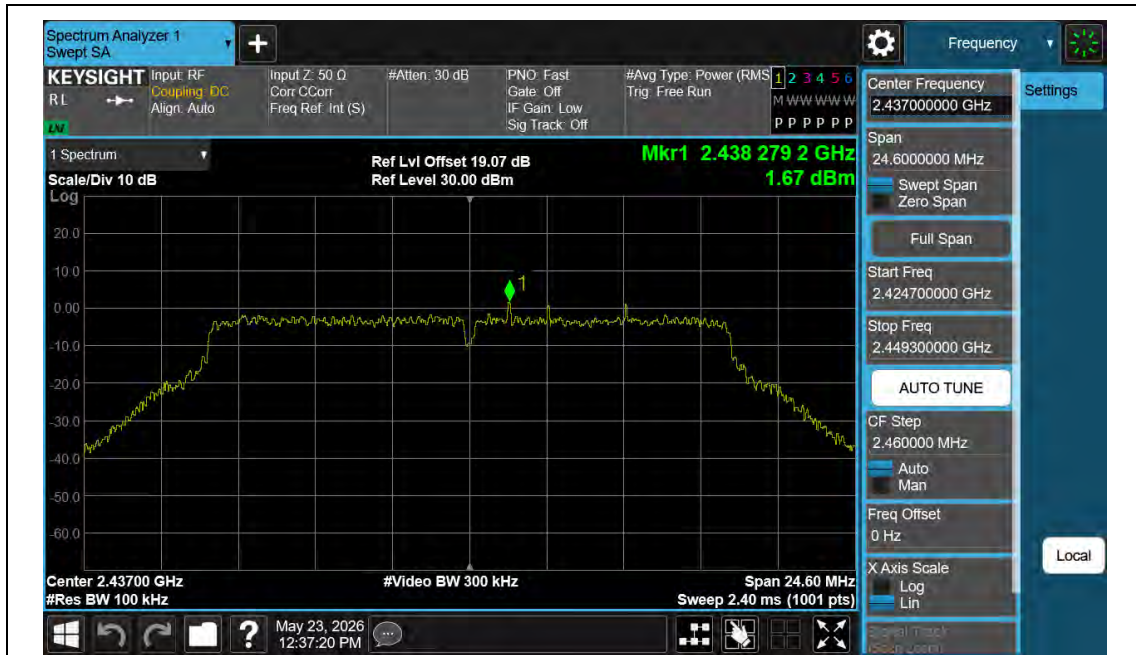




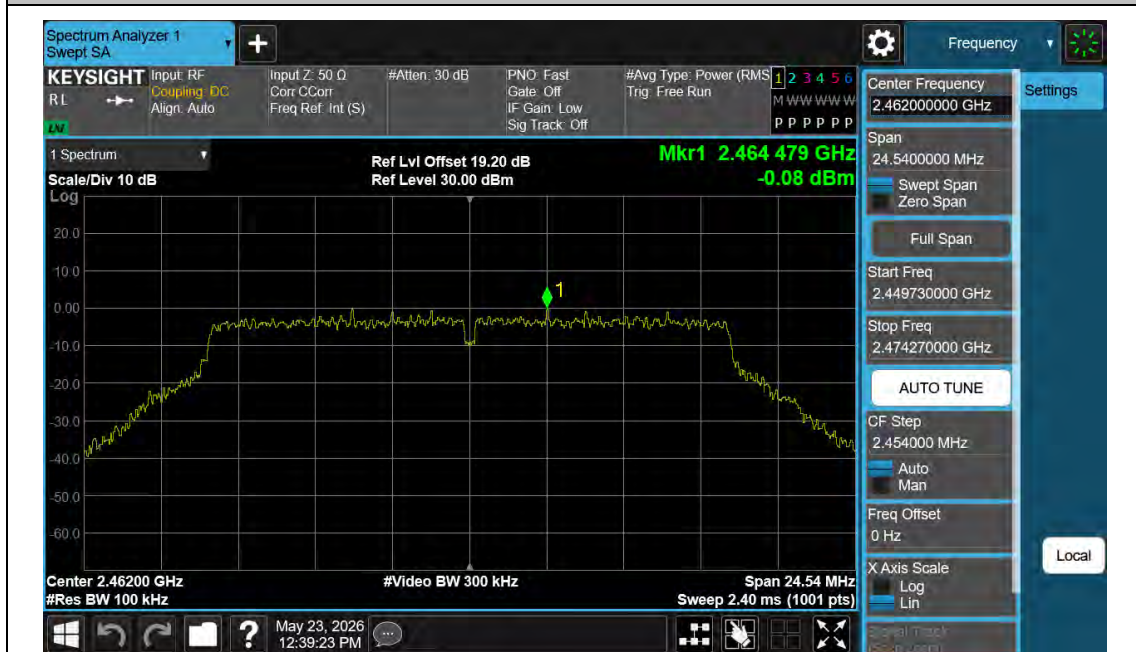
11G-Ant1-2412-PASS



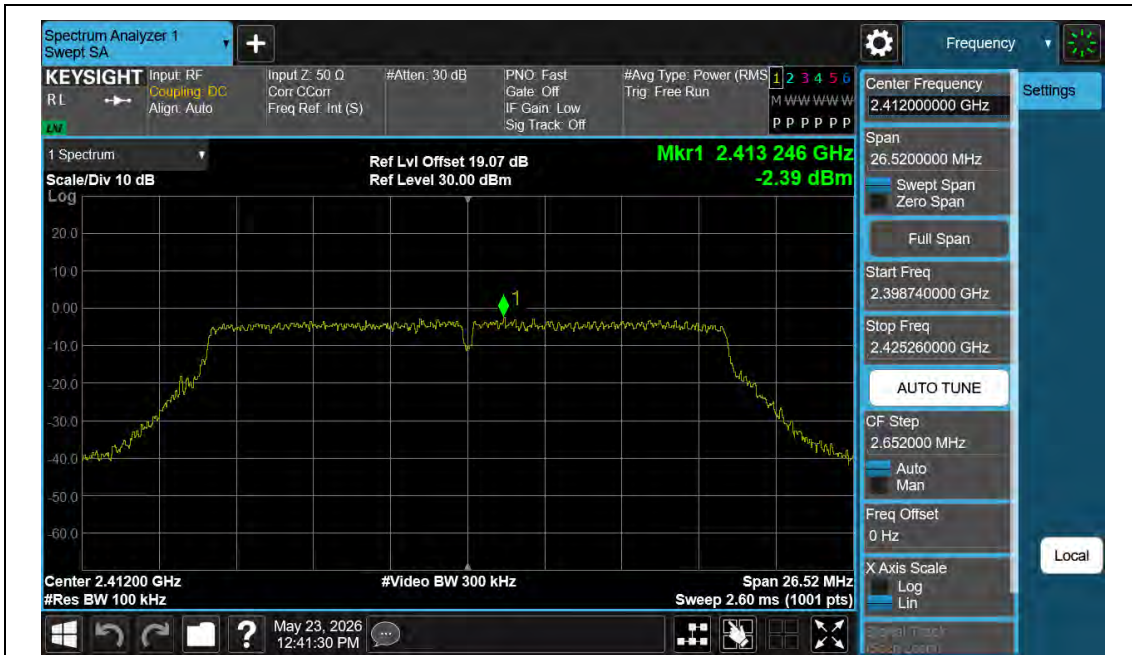
11G-Ant1-2437-PASS



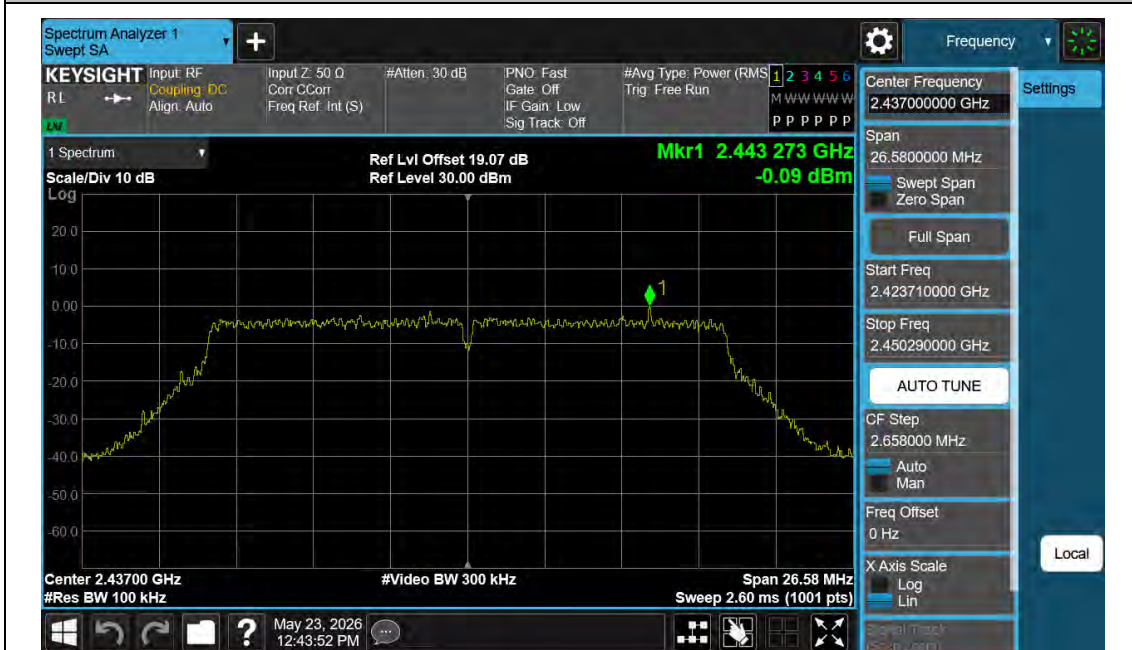
11G-Ant1-2462-PASS



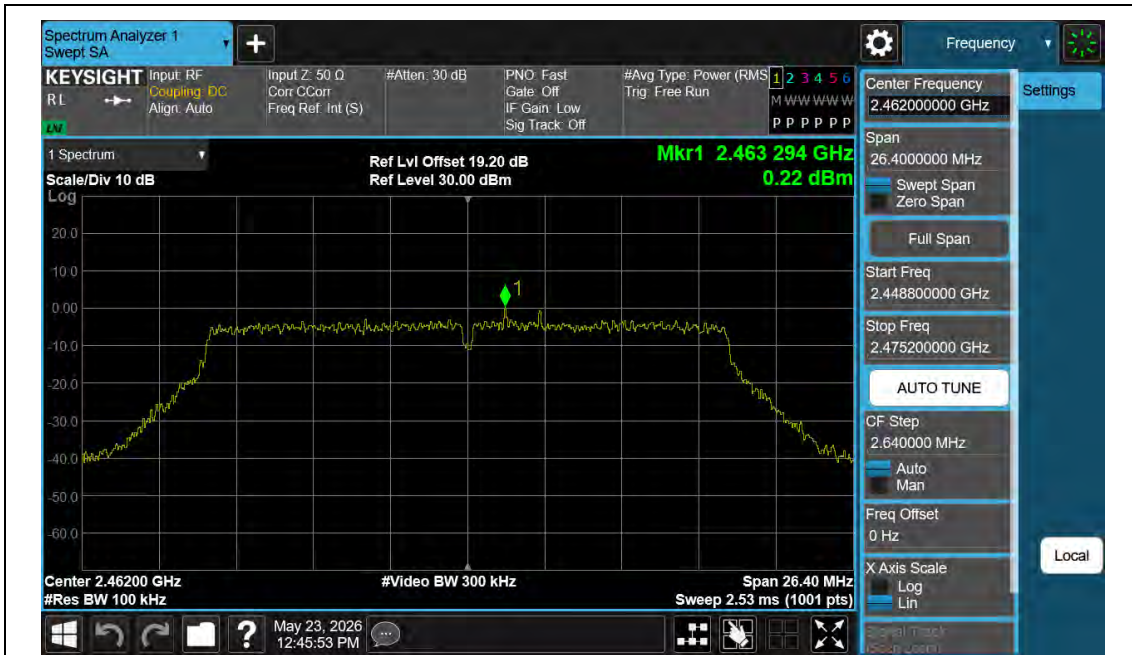
11N20SISO-Ant1-2412-PASS



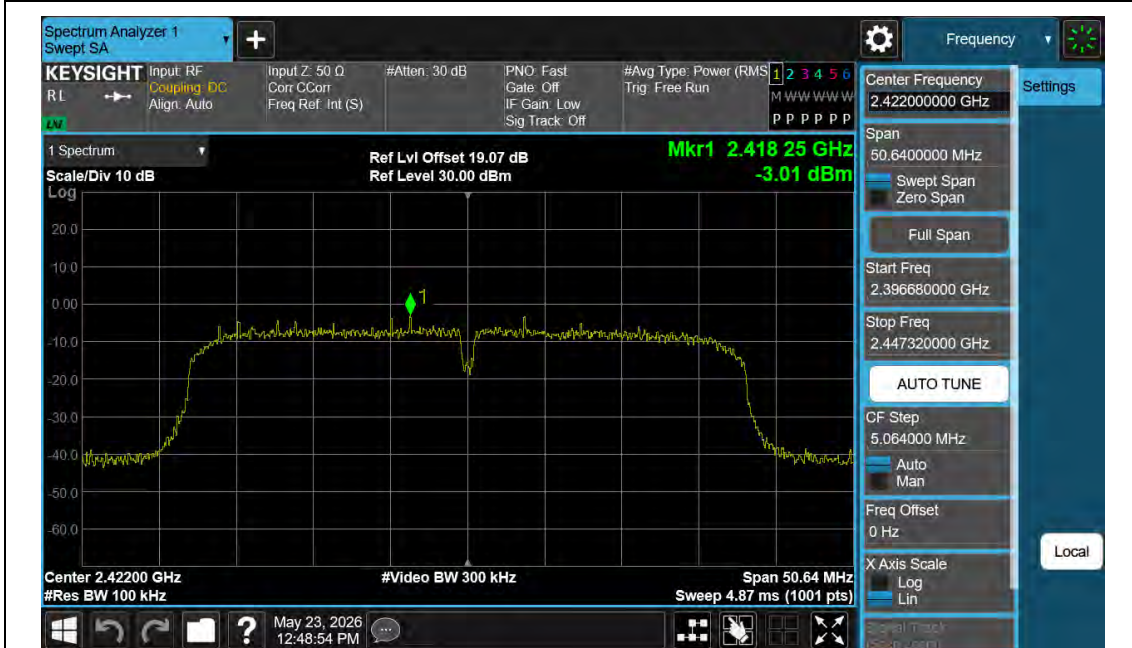
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



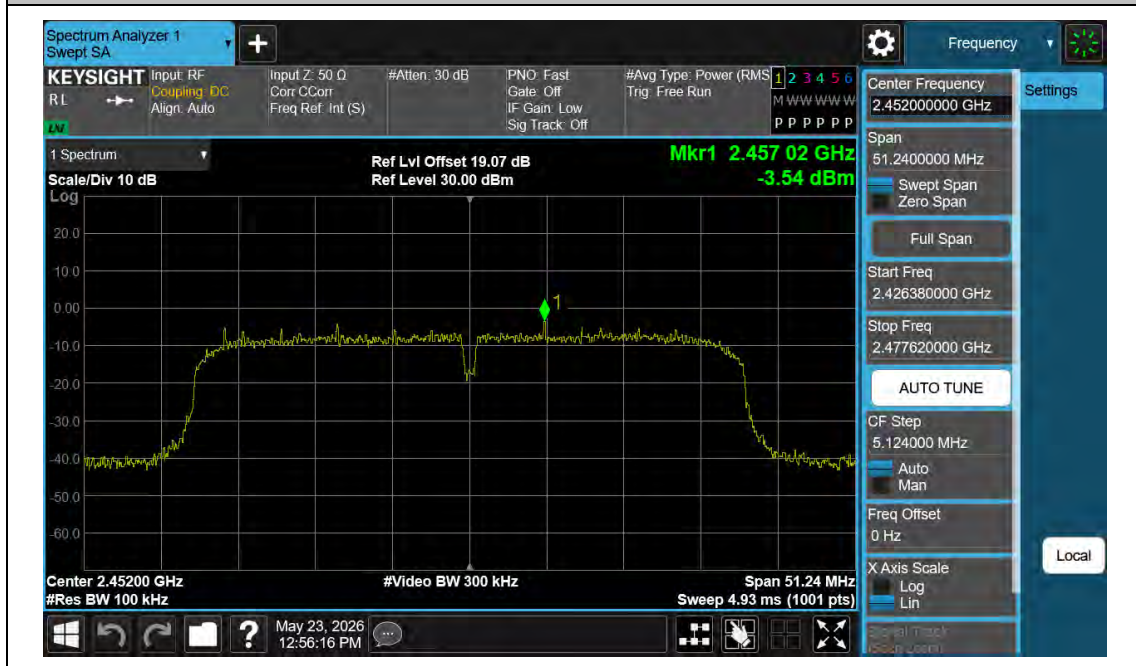
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



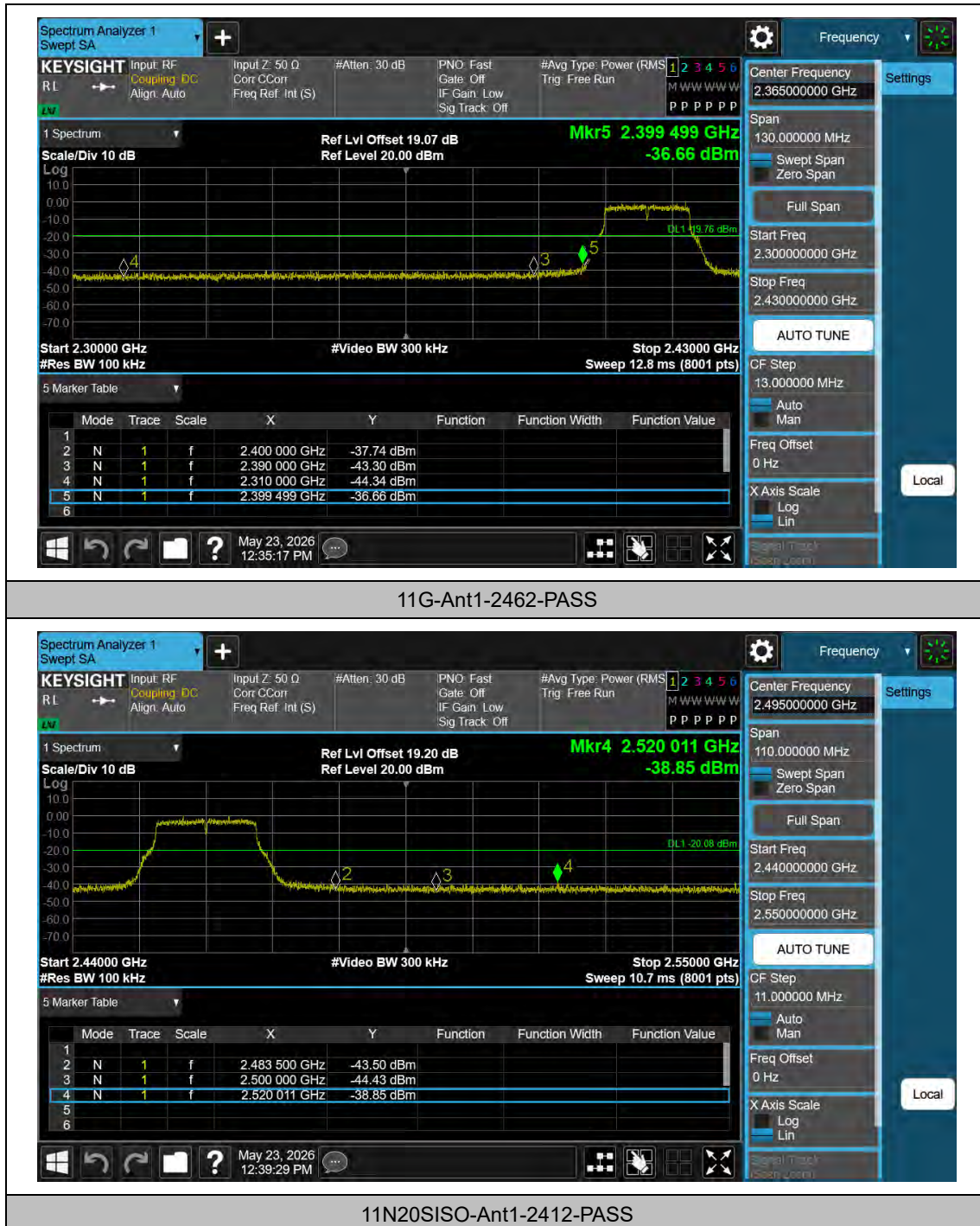
Appendix E: Band edge measurements

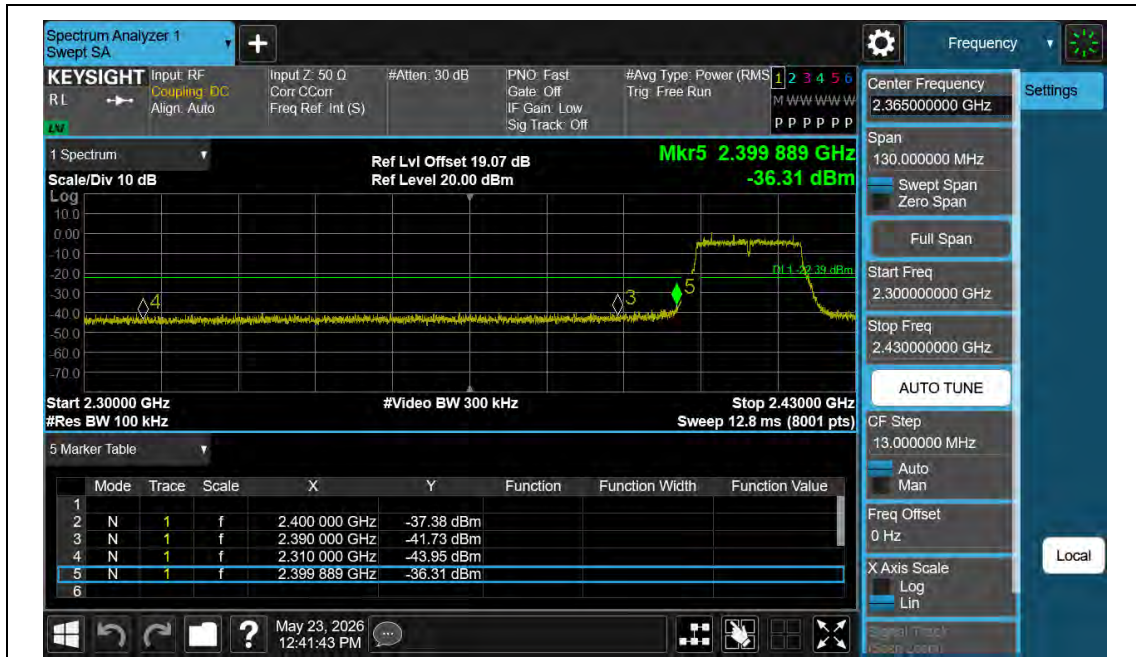
Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.01	-38.65	≤ -25.99	PASS
11B	Ant1	High	2462	3.90	-39.12	≤ -26.10	PASS
11G	Ant1	Low	2412	0.24	-36.66	≤ -29.76	PASS
11G	Ant1	High	2462	-0.08	-38.85	≤ -30.08	PASS
11N20SISO	Ant1	Low	2412	-2.39	-36.31	≤ -32.39	PASS
11N20SISO	Ant1	High	2462	0.22	-39.22	≤ -29.78	PASS
11N40SISO	Ant1	Low	2422	-3.01	-39.10	≤ -33.01	PASS
11N40SISO	Ant1	High	2452	-3.54	-39.06	≤ -33.54	PASS

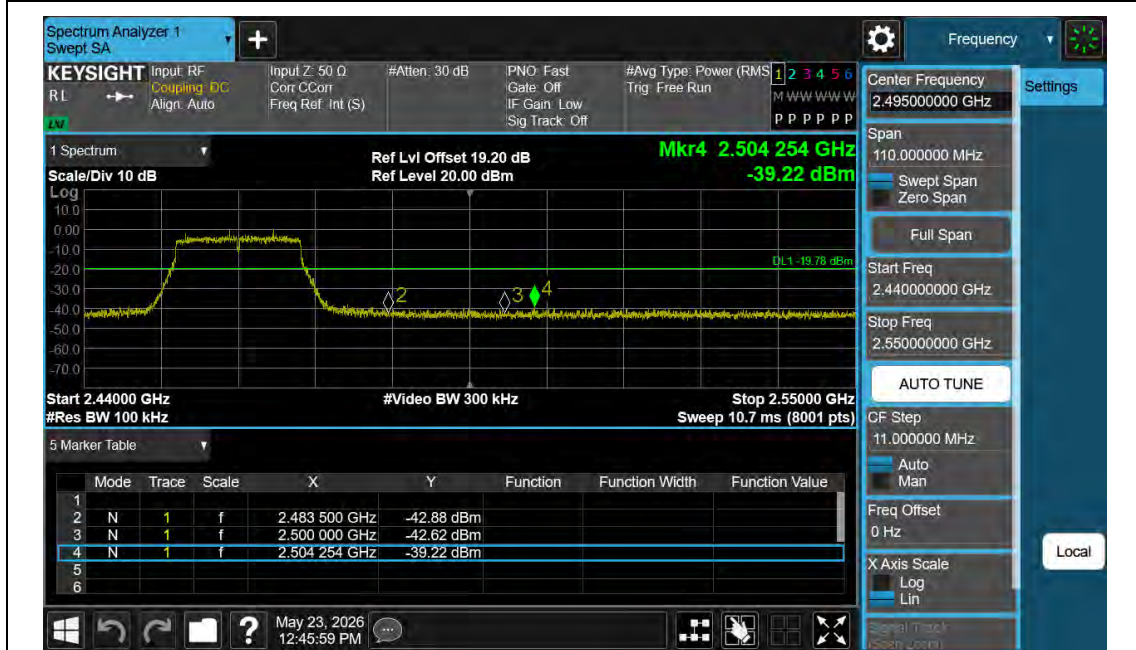
Test Graphs



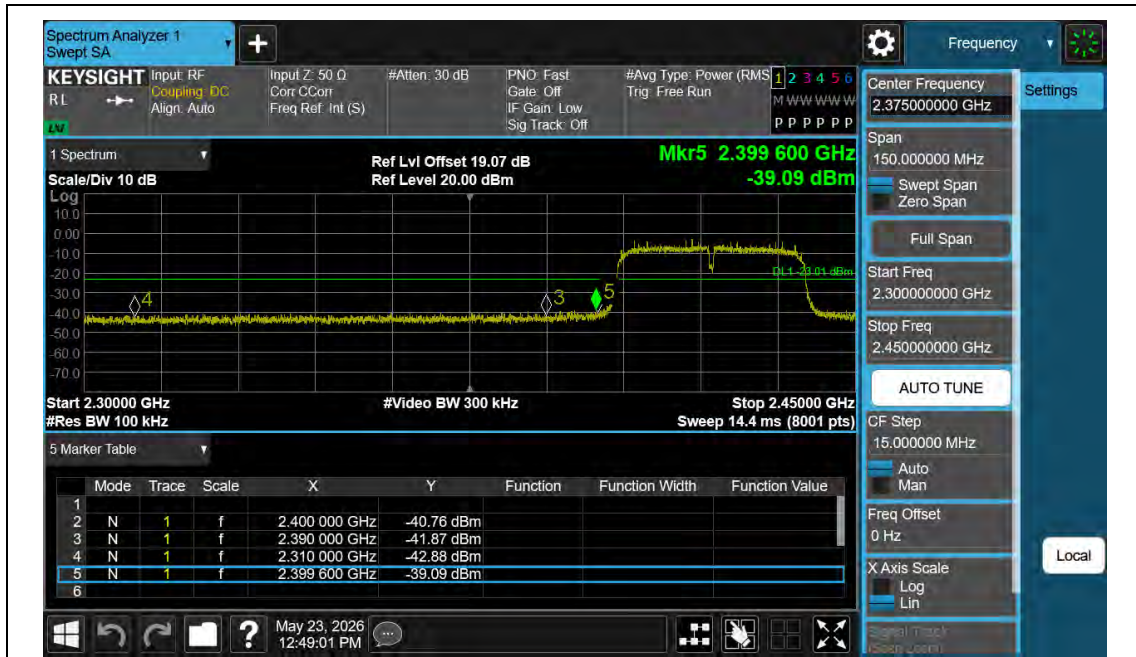




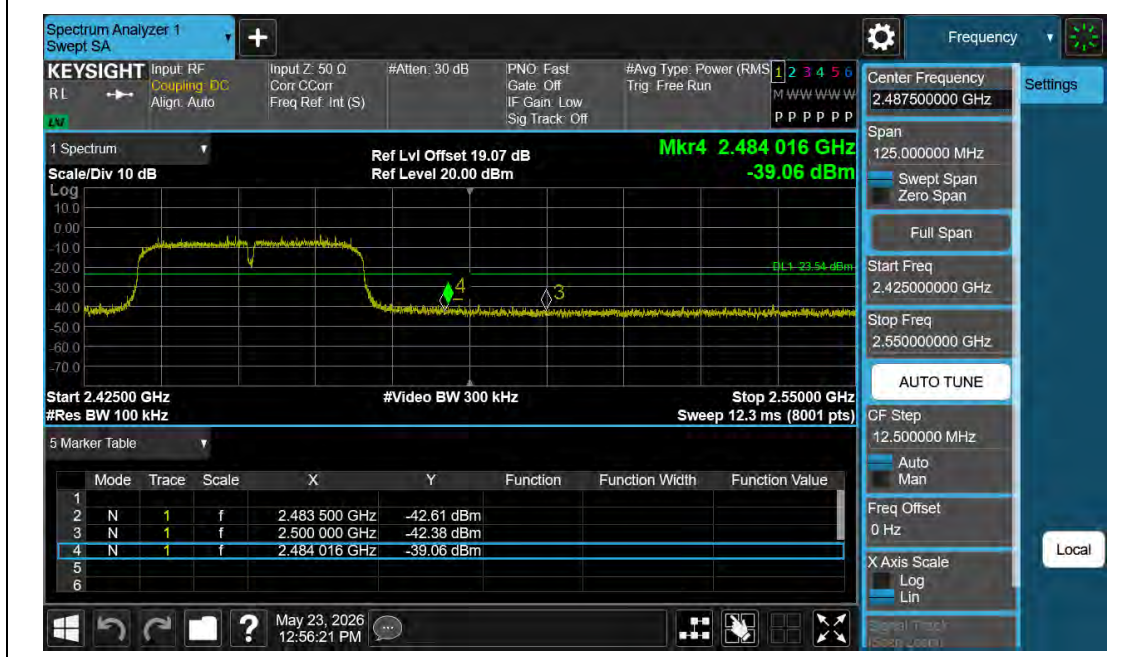
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

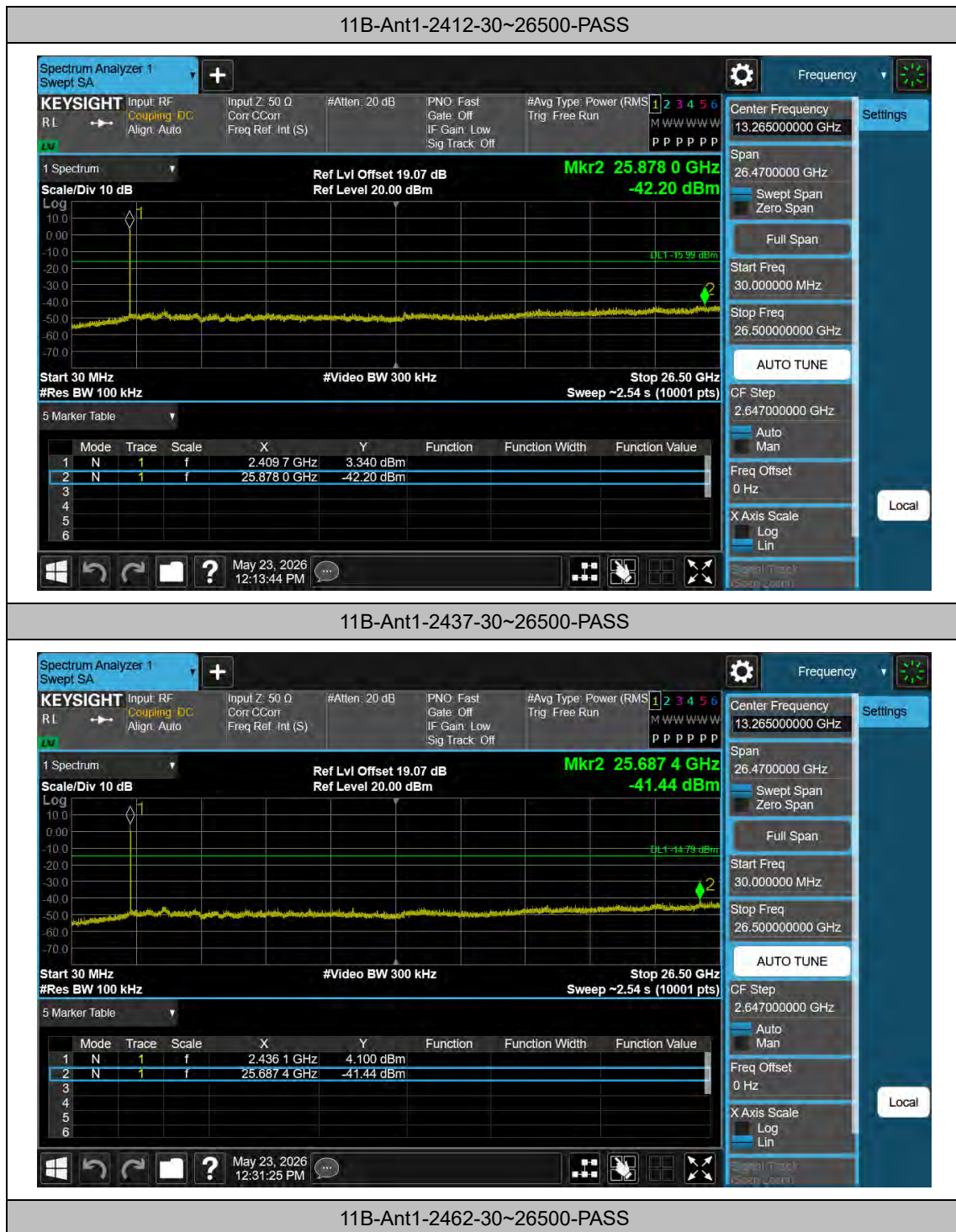


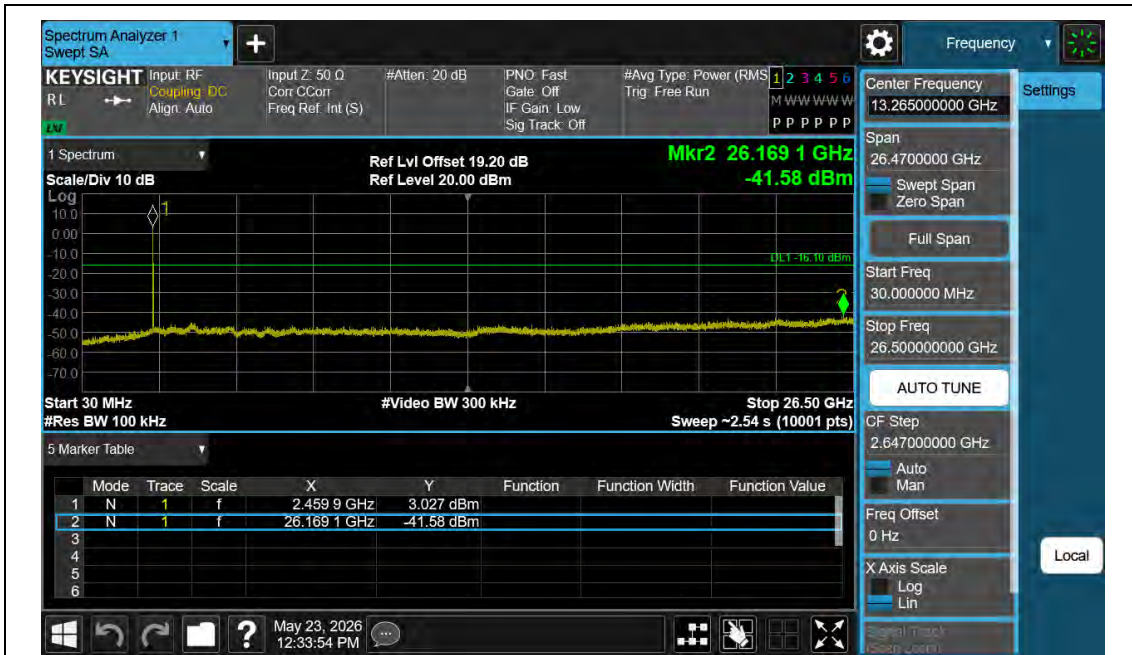
Appendix F: Conducted Spurious Emission

Test Result

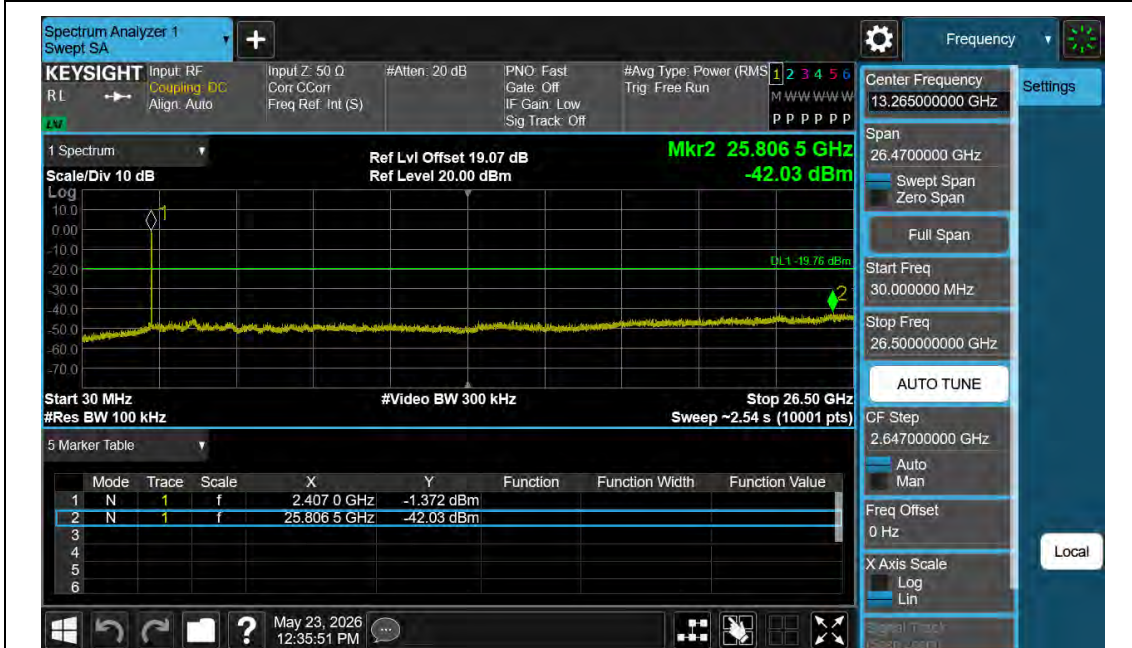
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	4.01	-42.20	≤-25.99	PASS
11B	Ant1	2437	30~26500	5.21	-41.44	≤-24.79	PASS
11B	Ant1	2462	30~26500	3.90	-41.58	≤-26.10	PASS
11G	Ant1	2412	30~26500	0.24	-42.03	≤-29.76	PASS
11G	Ant1	2437	30~26500	1.67	-41.88	≤-28.33	PASS
11G	Ant1	2462	30~26500	-0.08	-41.96	≤-30.08	PASS
11N20SISO	Ant1	2412	30~26500	-2.39	-41.77	≤-32.39	PASS
11N20SISO	Ant1	2437	30~26500	-0.09	-41.38	≤-30.09	PASS
11N20SISO	Ant1	2462	30~26500	0.22	-41.88	≤-29.78	PASS
11N40SISO	Ant1	2422	30~26500	-3.01	-41.73	≤-33.01	PASS
11N40SISO	Ant1	2437	30~26500	-2.72	-41.92	≤-32.72	PASS
11N40SISO	Ant1	2452	30~26500	-3.54	-41.87	≤-33.54	PASS

Test Graphs





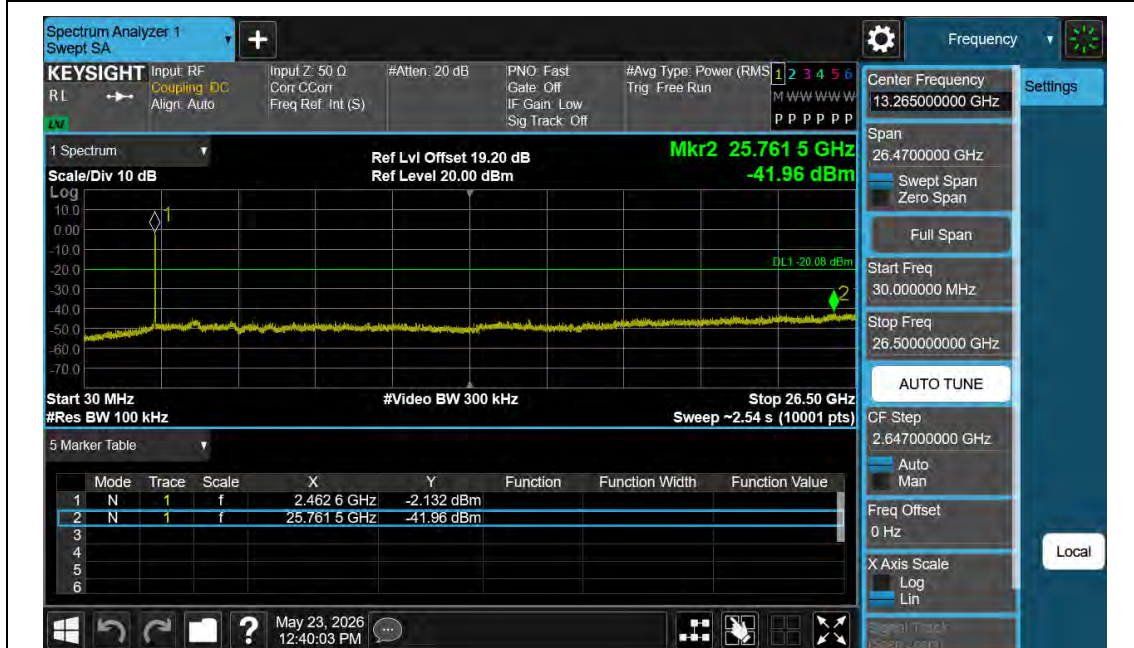
11G-Ant1-2412-30~26500-PASS



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



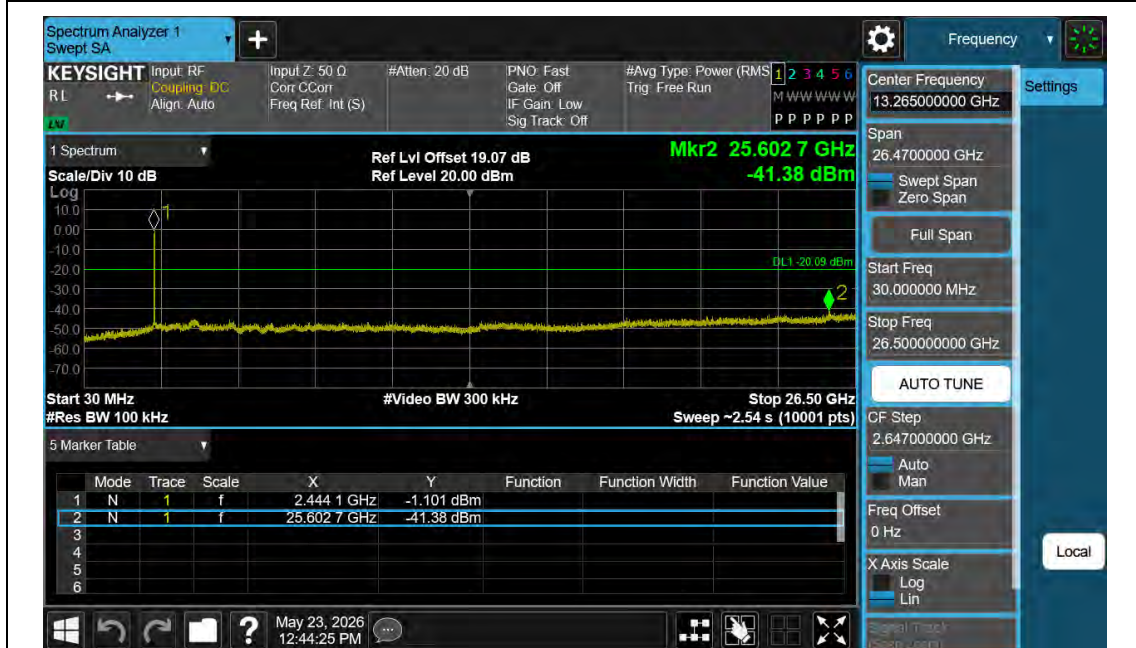
11G-Ant1-2462-30~26500-PASS



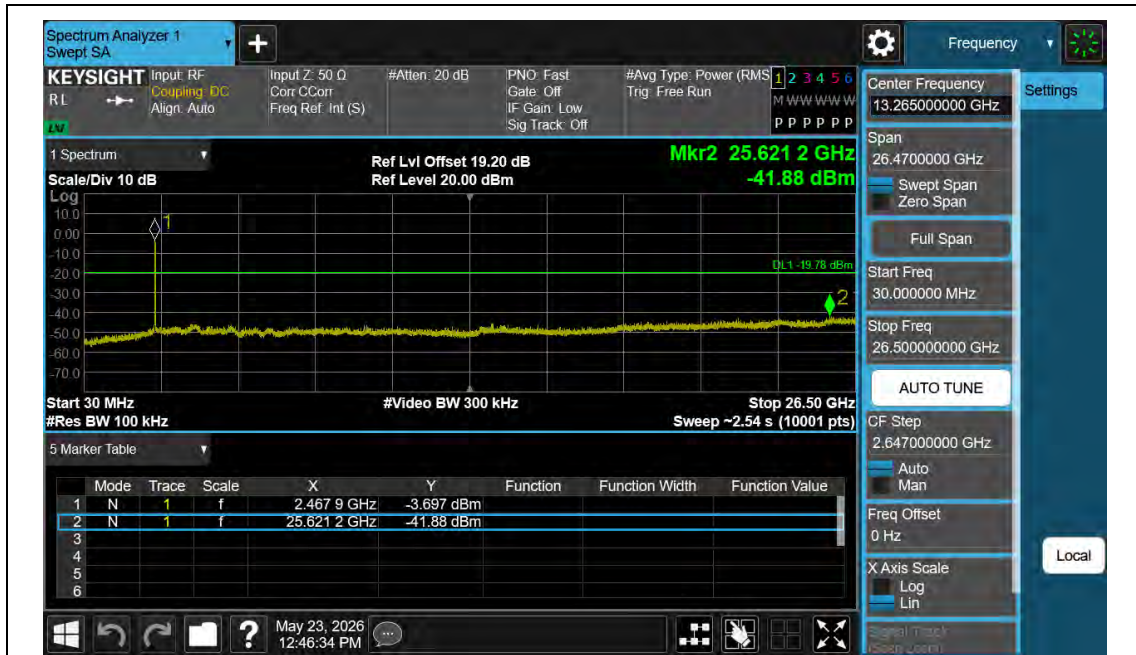
11N20SISO-Ant1-2412-30~26500-PASS



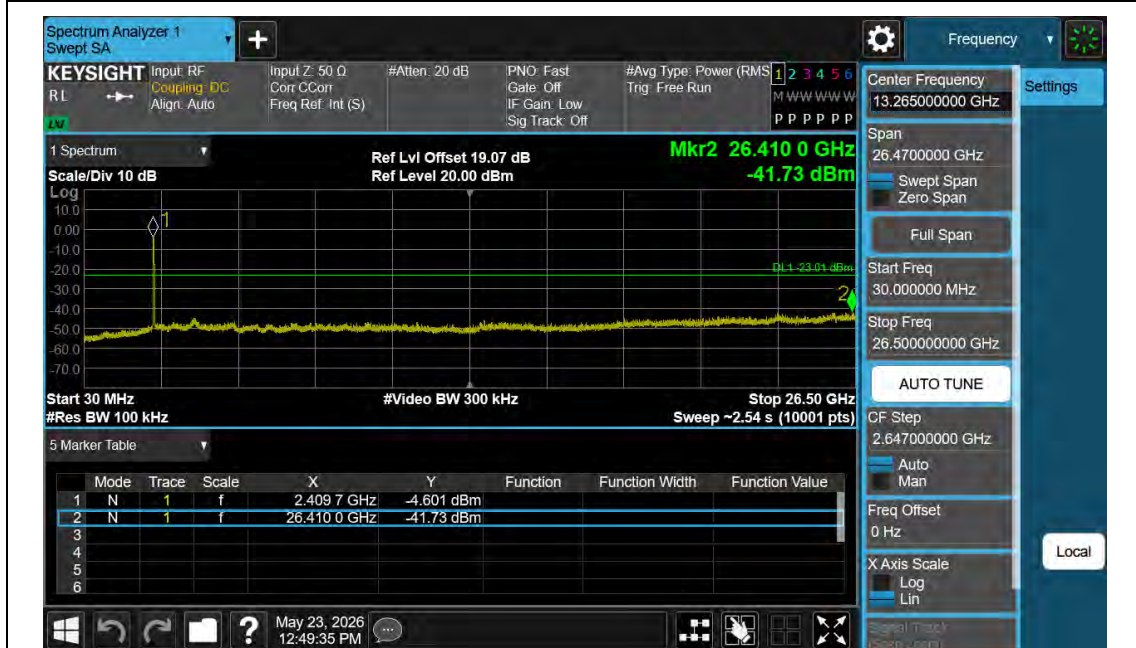
11N20SISO-Ant1-2437-30~26500-PASS



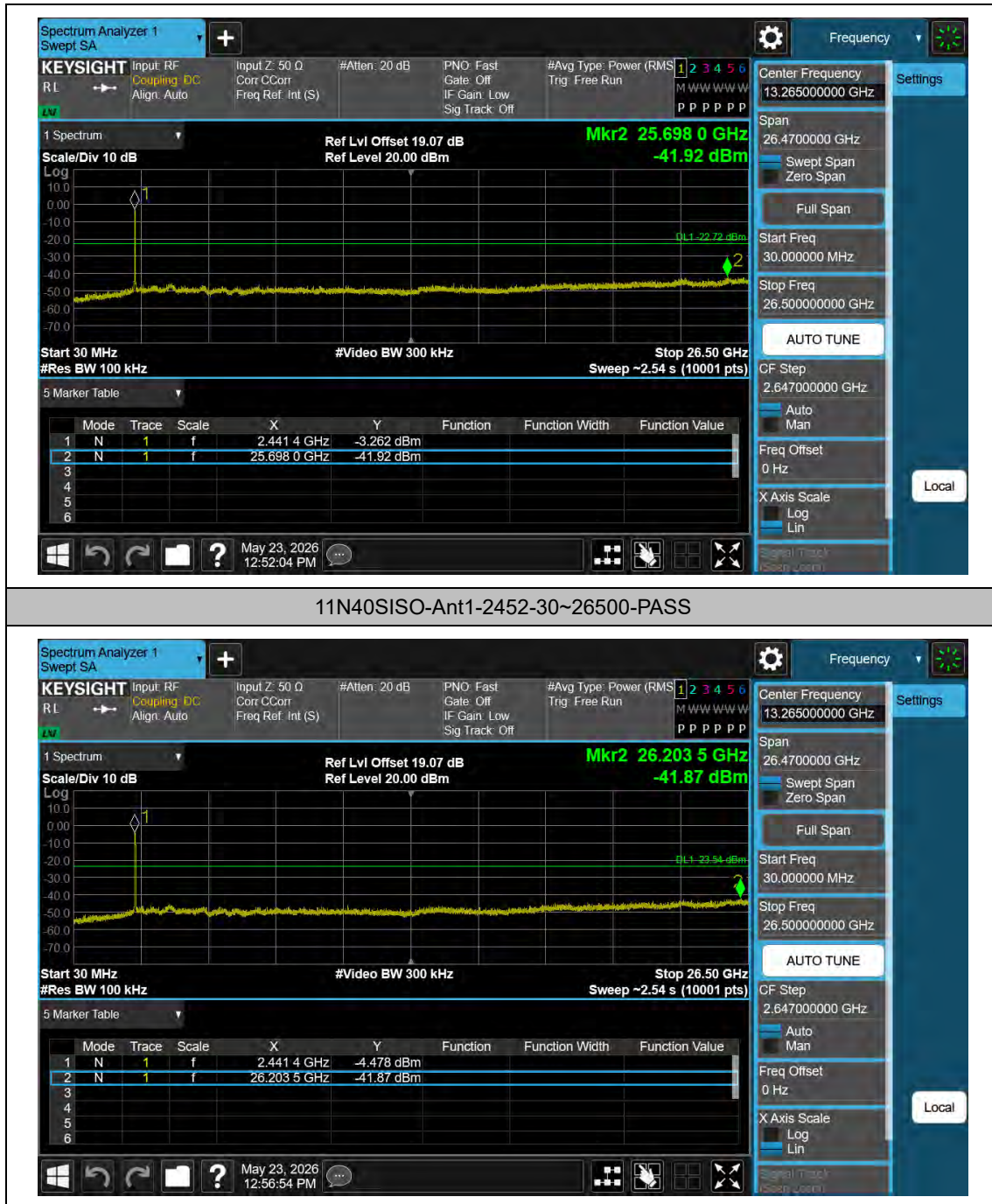
11N20SISO-Ant1-2462-30~26500-PASS



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



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

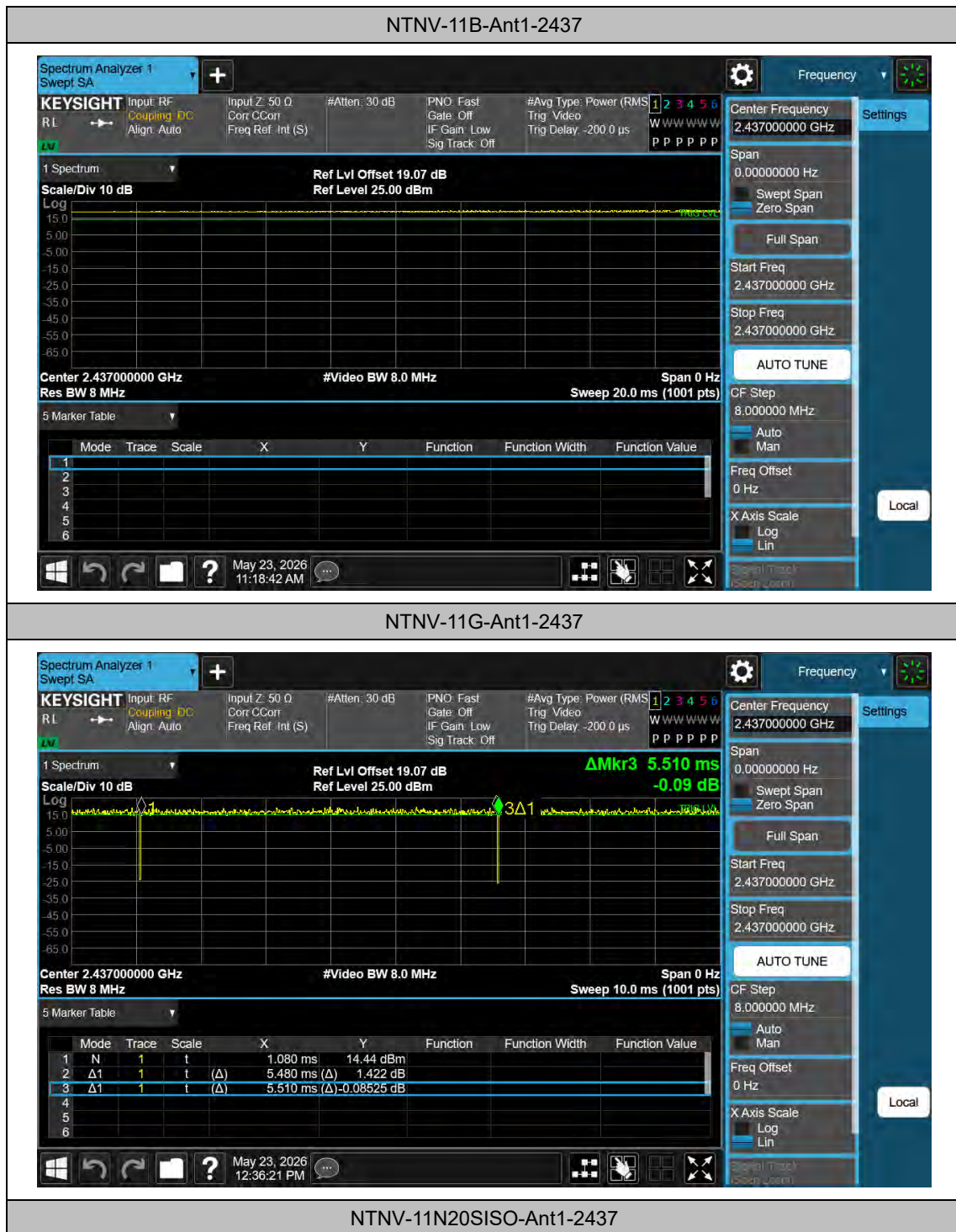


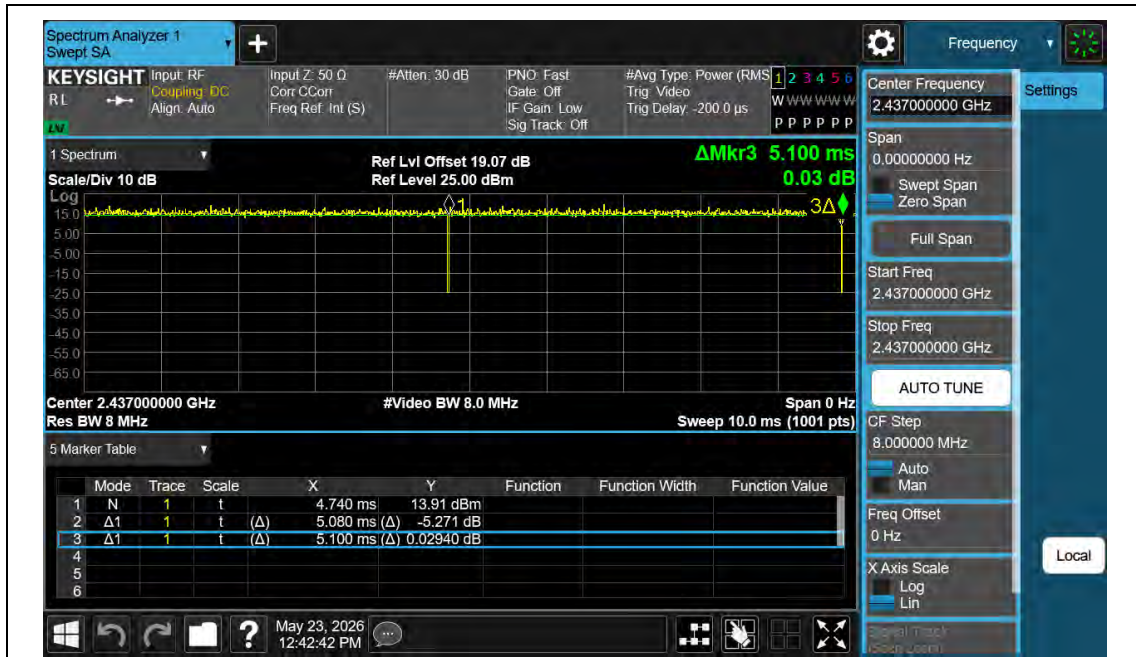
Appendix G: Duty Cycle

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	2.47	2.50	98.80

Test Graphs





NTNV-11N40SISO-Ant1-2437

