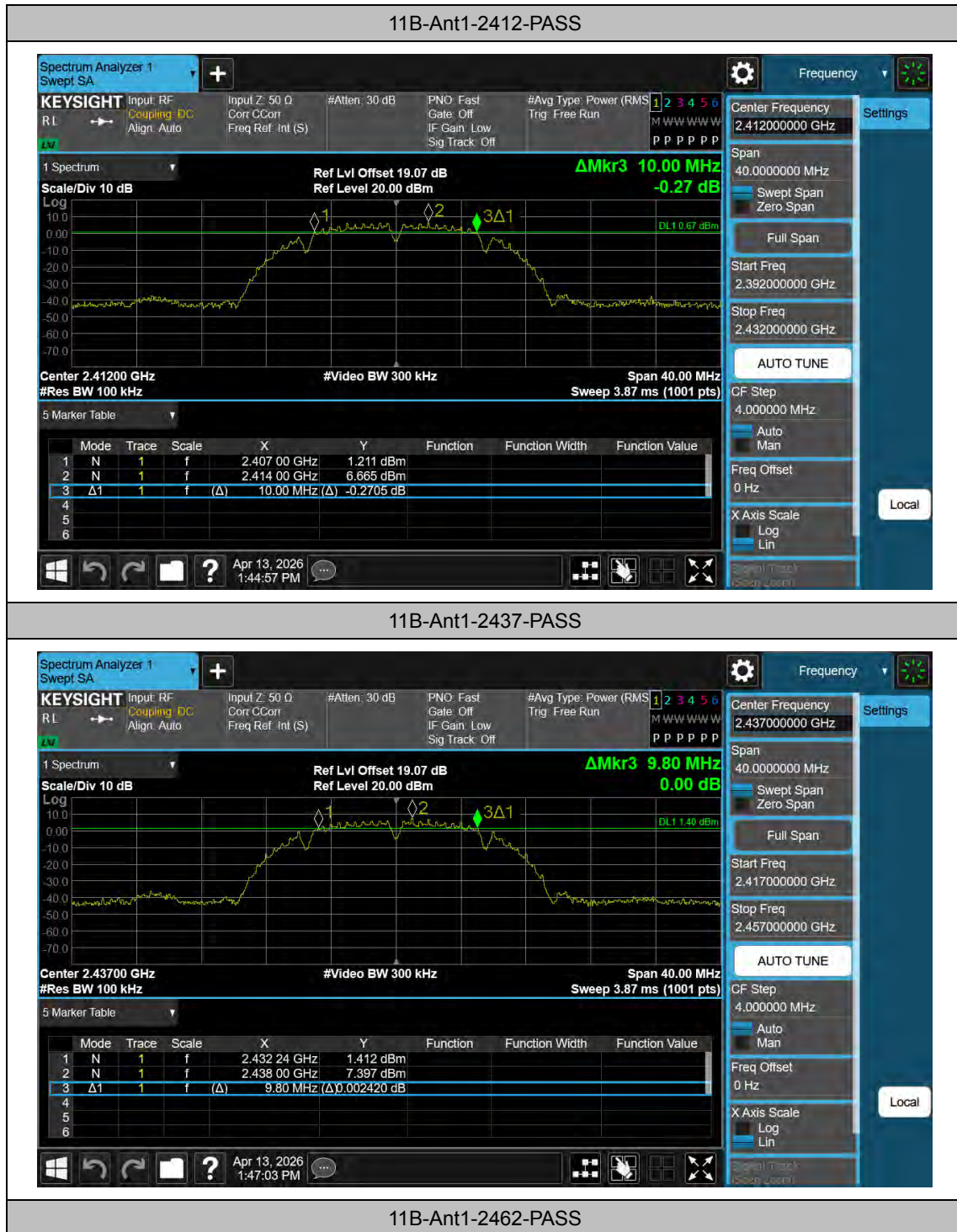


Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.000	2407.000	2417.000	0.5	PASS
11B	Ant1	2437	9.800	2432.240	2442.040	0.5	PASS
11B	Ant1	2462	9.800	2457.240	2467.040	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
11G	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.200	2420.760	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.200	2445.760	0.5	PASS
11N20SISO	Ant1	2462	17.520	2453.240	2470.760	0.5	PASS
11N40SISO	Ant1	2422	35.760	2404.080	2439.840	0.5	PASS
11N40SISO	Ant1	2437	35.520	2419.400	2454.920	0.5	PASS
11N40SISO	Ant1	2452	35.680	2434.240	2469.920	0.5	PASS

Test Graphs





11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



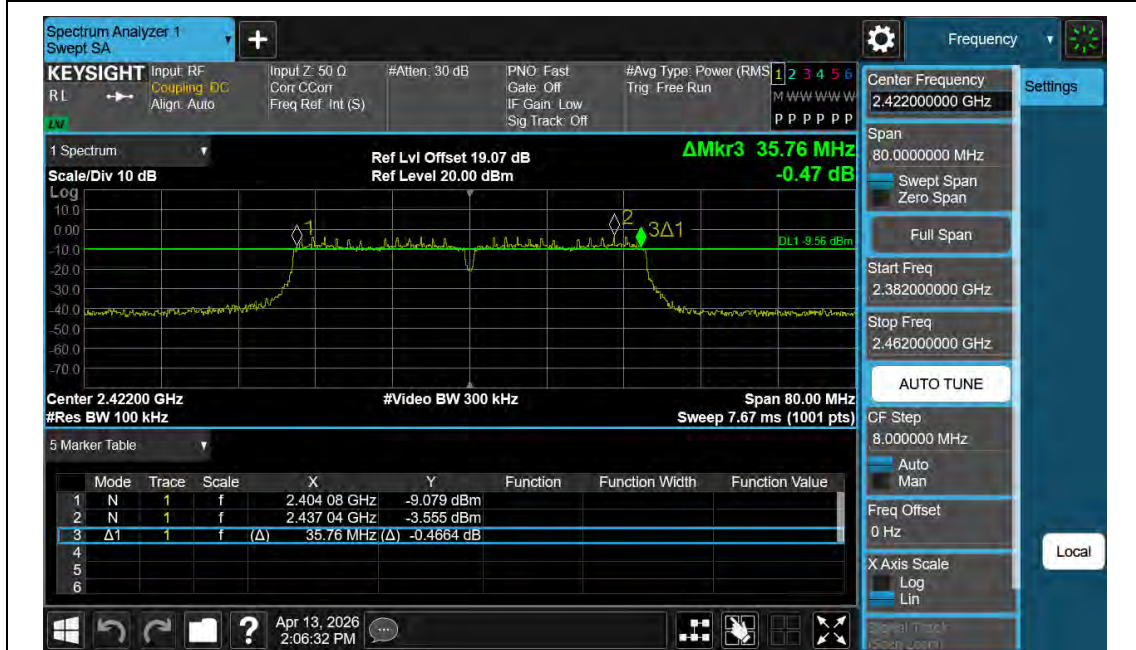
11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

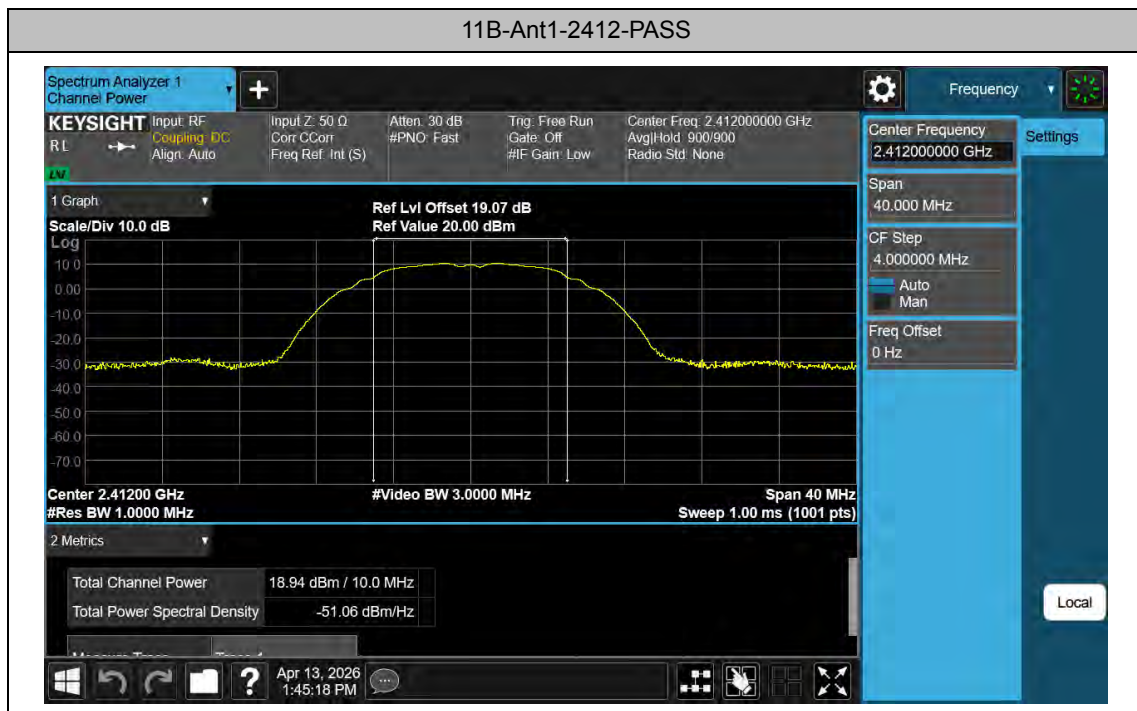


Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.94	≤30.00	PASS
11B	Ant1	2437	19.10	≤30.00	PASS
11B	Ant1	2462	19.06	≤30.00	PASS
11G	Ant1	2412	17.84	≤30.00	PASS
11G	Ant1	2437	18.08	≤30.00	PASS
11G	Ant1	2462	17.98	≤30.00	PASS
11N20SIS O	Ant1	2412	18.05	≤30.00	PASS
11N20SIS O	Ant1	2437	18.26	≤30.00	PASS
11N20SIS O	Ant1	2462	18.23	≤30.00	PASS
11N40SIS O	Ant1	2422	18.24	≤30.00	PASS
11N40SIS O	Ant1	2437	18.27	≤30.00	PASS
11N40SIS O	Ant1	2452	18.26	≤30.00	PASS

Test Graphs Peak



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



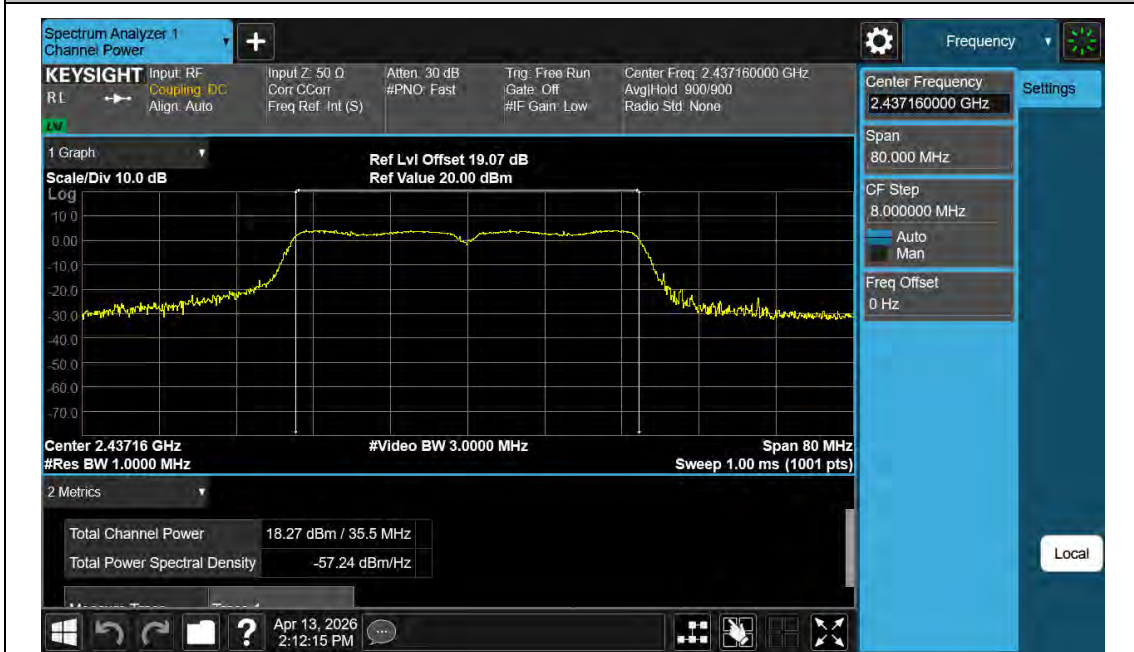
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

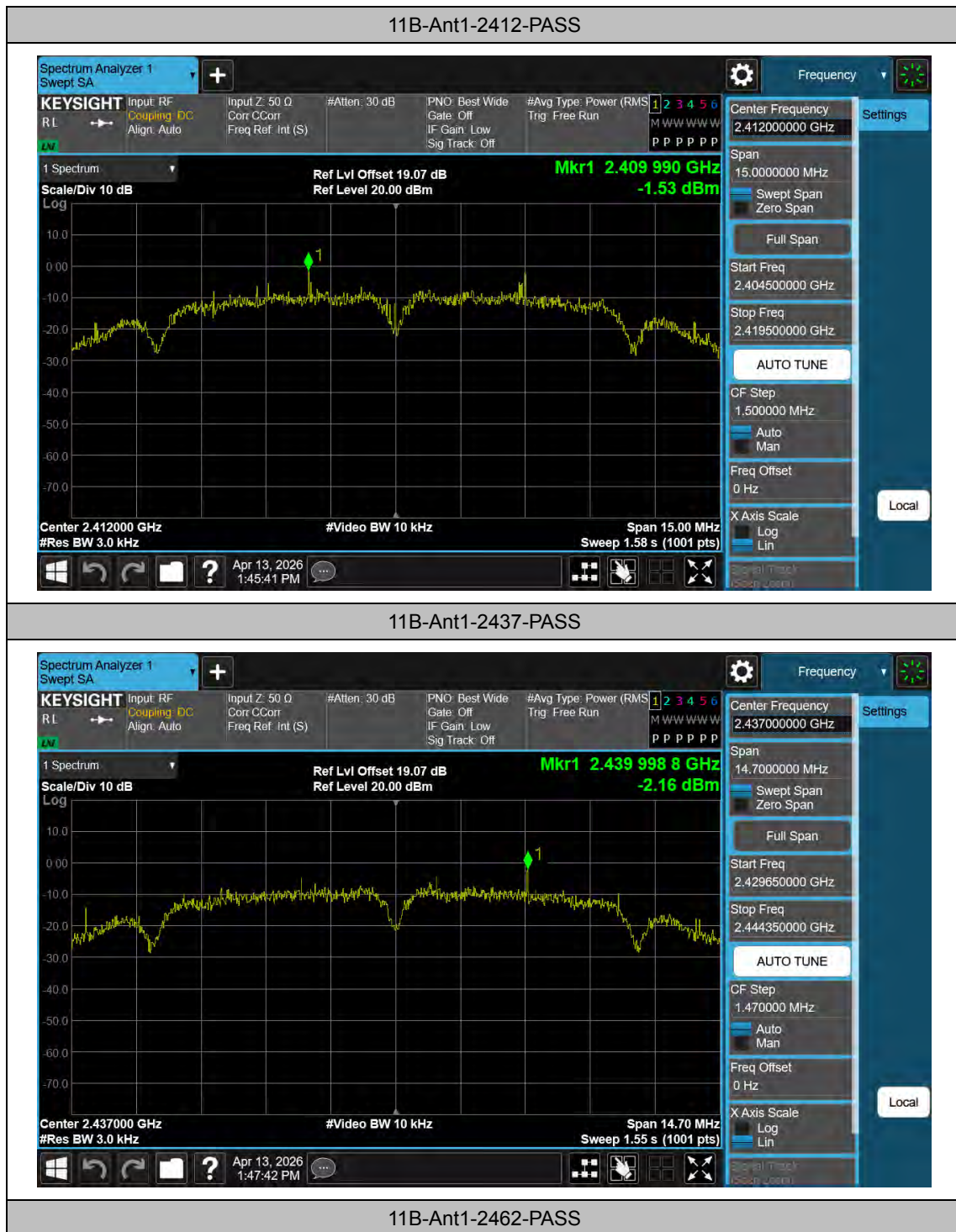


Appendix C: Maximum power spectral density

Test Result

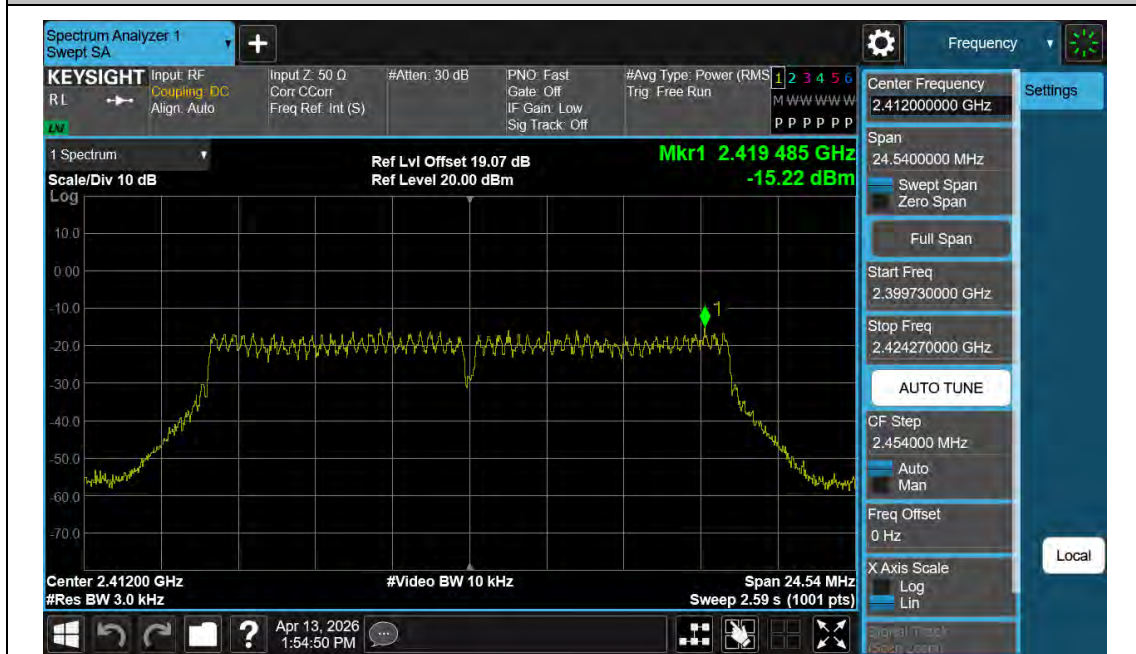
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-1.53	≤8.00	PASS
11B	Ant1	2437	-2.16	≤8.00	PASS
11B	Ant1	2462	-5.37	≤8.00	PASS
11G	Ant1	2412	-15.22	≤8.00	PASS
11G	Ant1	2437	-15.10	≤8.00	PASS
11G	Ant1	2462	-15.42	≤8.00	PASS
11N20SISO	Ant1	2412	-14.10	≤8.00	PASS
11N20SISO	Ant1	2437	-14.76	≤8.00	PASS
11N20SISO	Ant1	2462	-13.10	≤8.00	PASS
11N40SISO	Ant1	2422	-17.91	≤8.00	PASS
11N40SISO	Ant1	2437	-16.09	≤8.00	PASS
11N40SISO	Ant1	2452	-16.98	≤8.00	PASS

Test Graphs

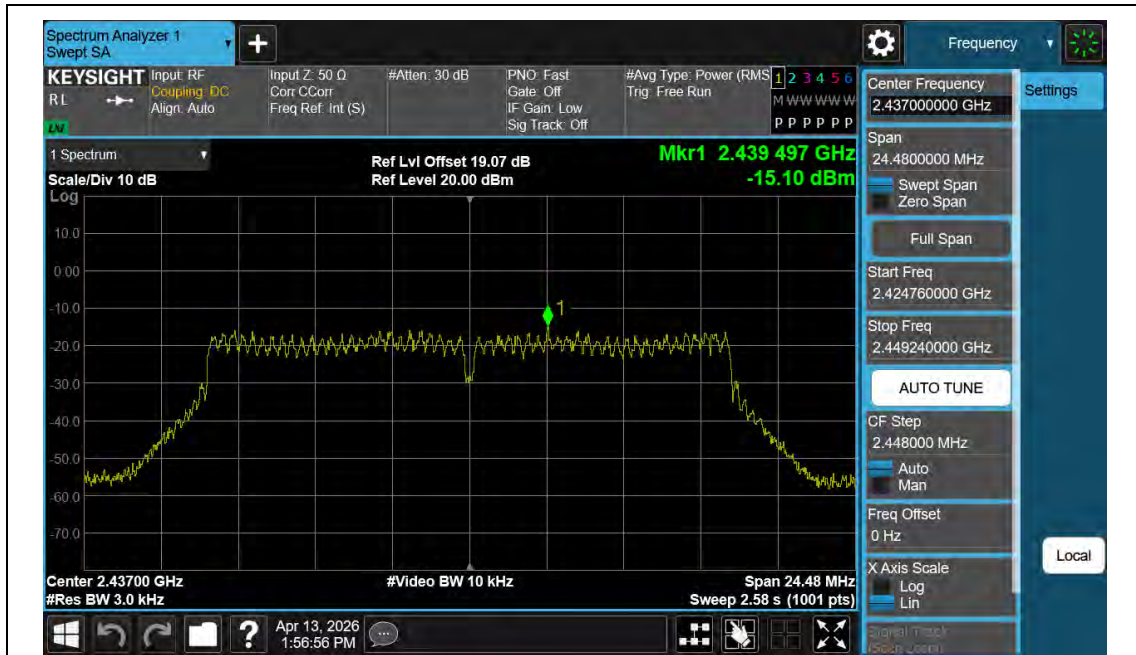




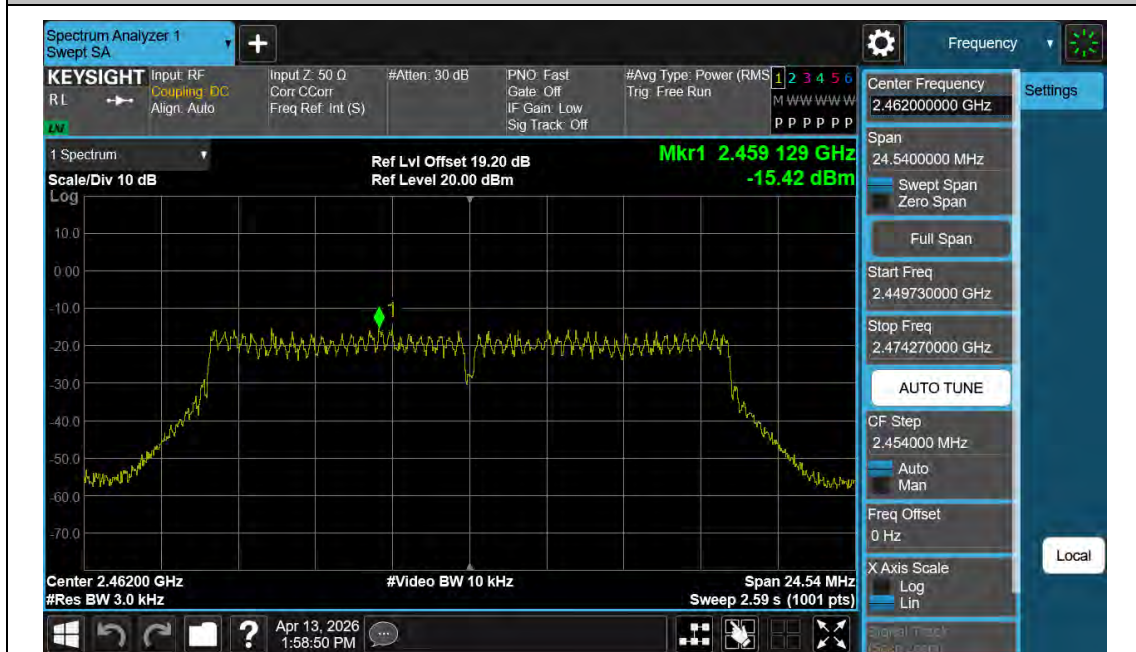
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



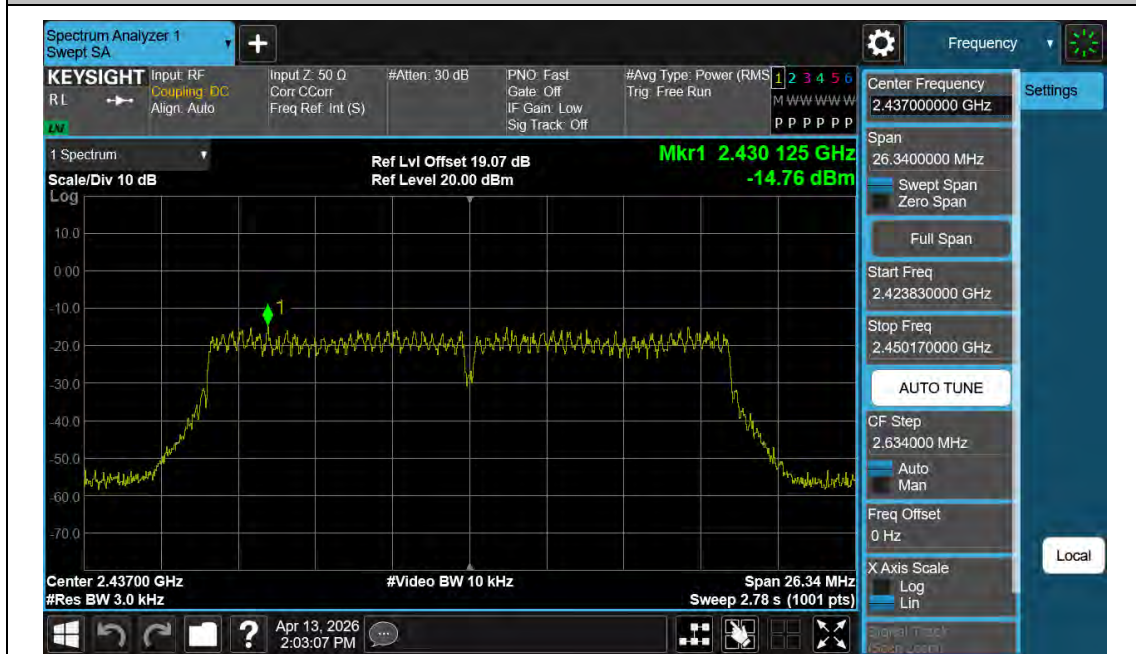
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



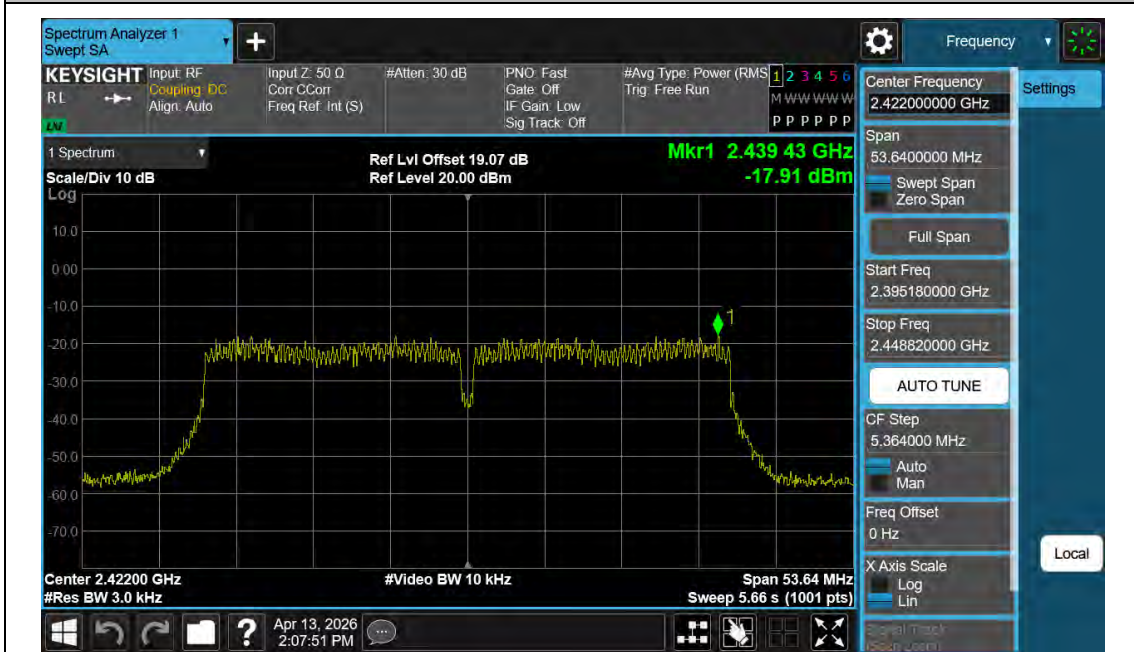
11N20SISO-Ant1-2437-PASS



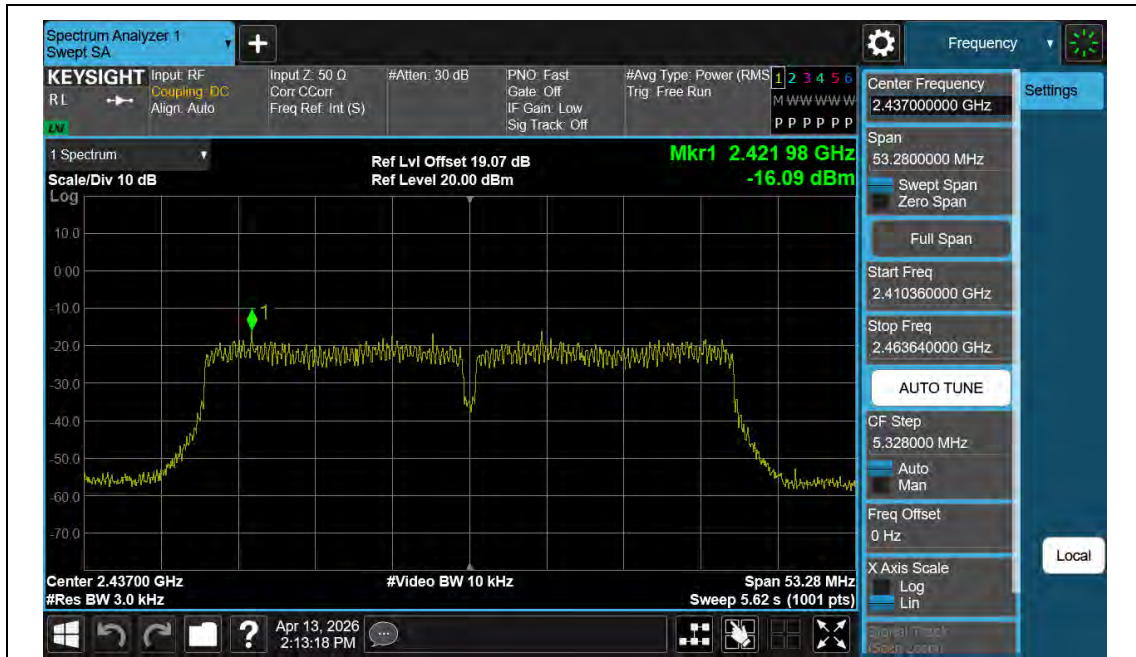
11N20SISO-Ant1-2462-PASS



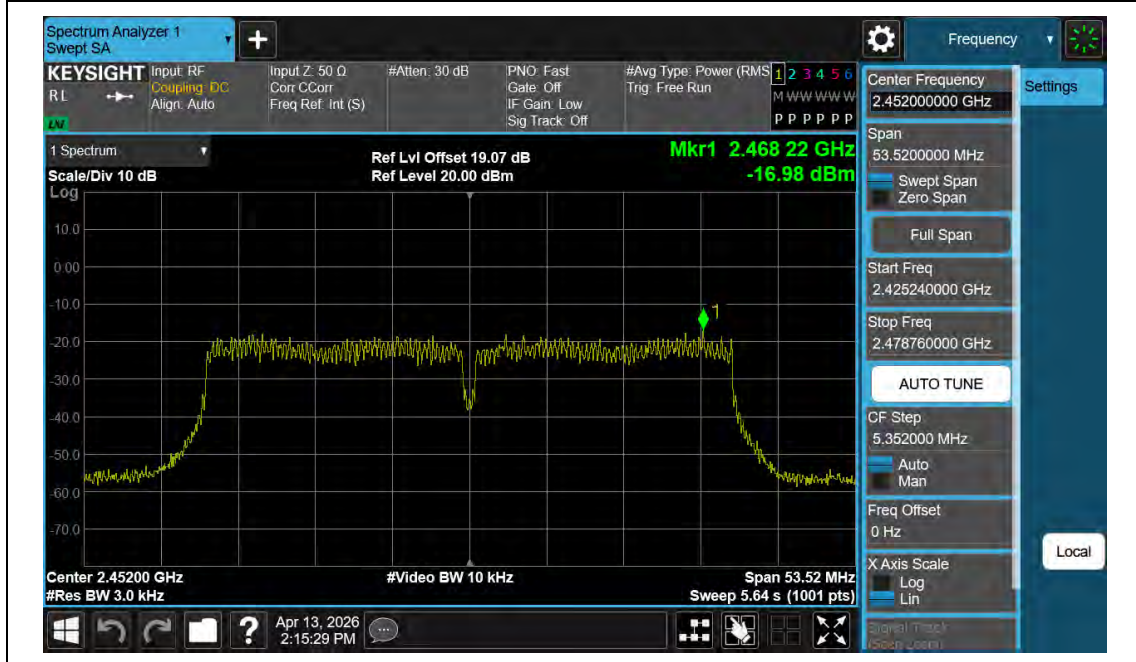
11N40SISO-Ant1-2422-PASS



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	2411.00	7.18
11B	Ant1	2437	2435.99	7.10
11B	Ant1	2462	2460.99	7.22
11G	Ant1	2412	2404.54	-0.91
11G	Ant1	2437	2444.52	-0.65
11G	Ant1	2462	2454.52	-0.47
11N20SISO	Ant1	2412	2419.51	-0.66
11N20SISO	Ant1	2437	2438.26	-0.74
11N20SISO	Ant1	2462	2463.26	-0.82
11N40SISO	Ant1	2422	2436.97	-3.10
11N40SISO	Ant1	2437	2452.02	-3.32
11N40SISO	Ant1	2452	2437.01	-3.20

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

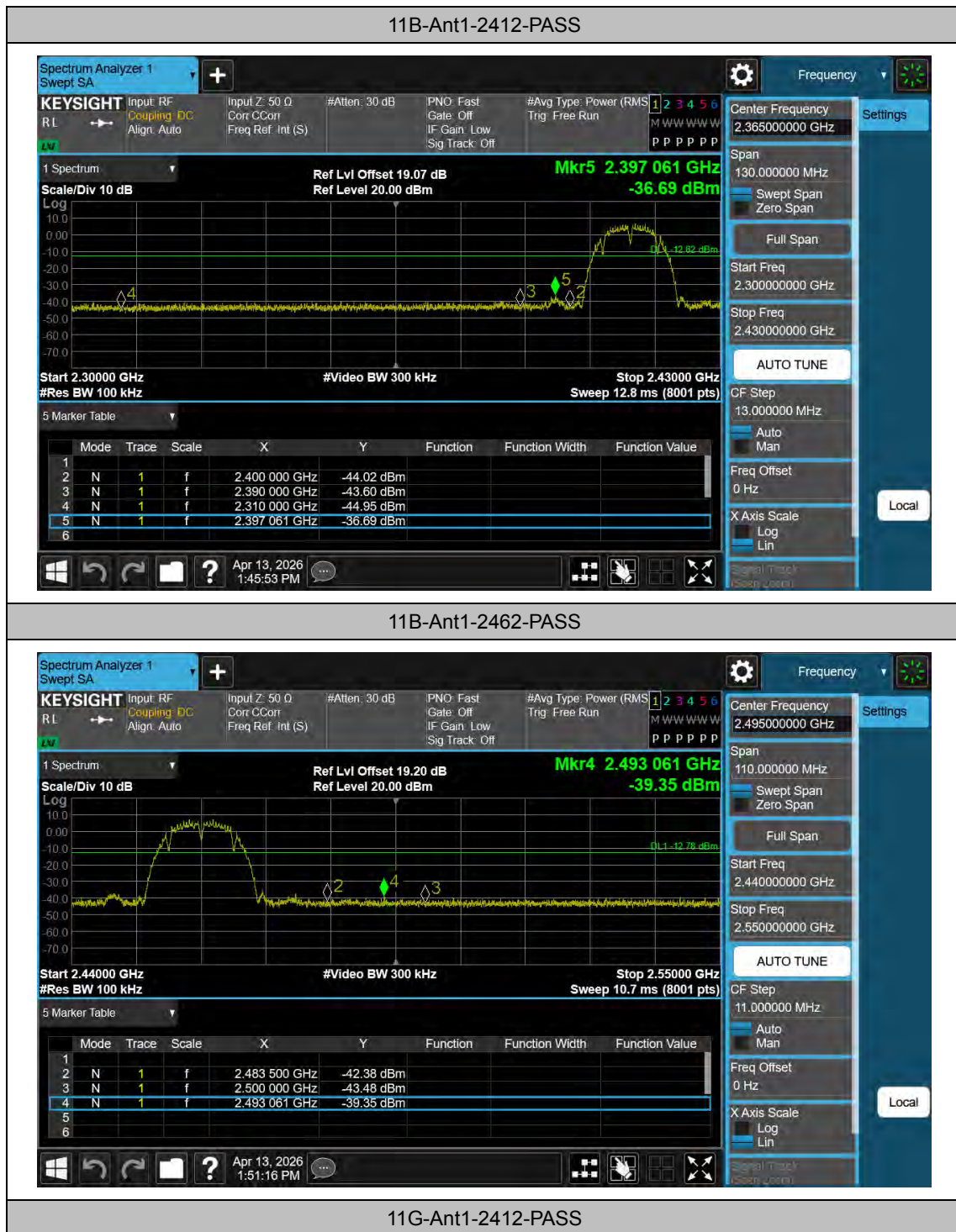


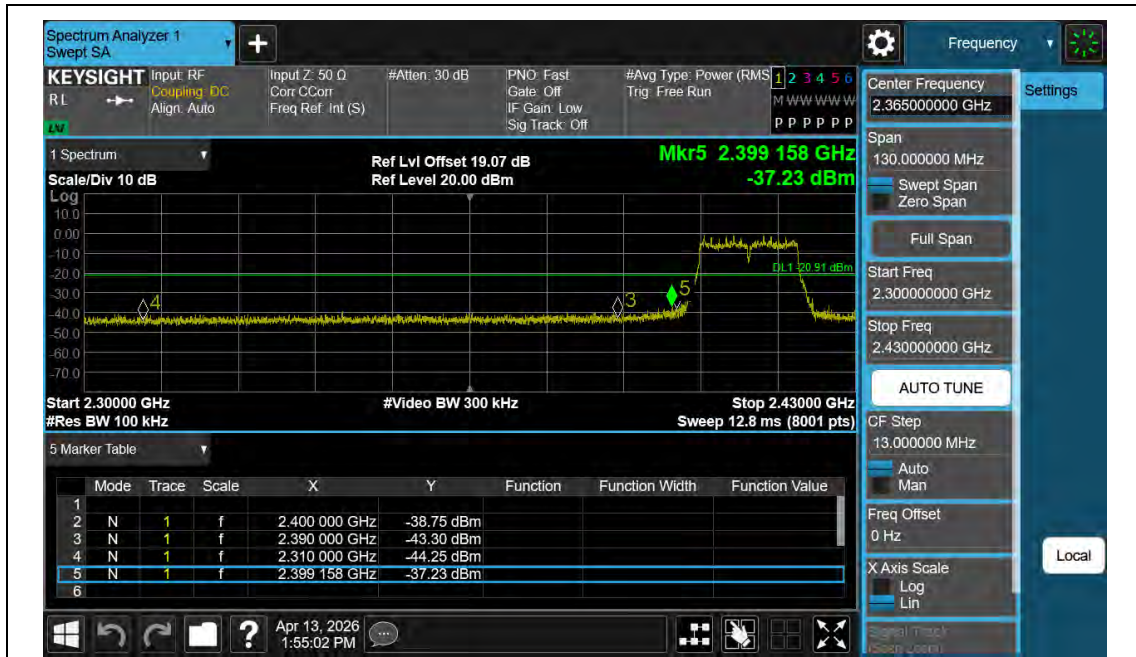
Appendix E: Band edge measurements

Test Result

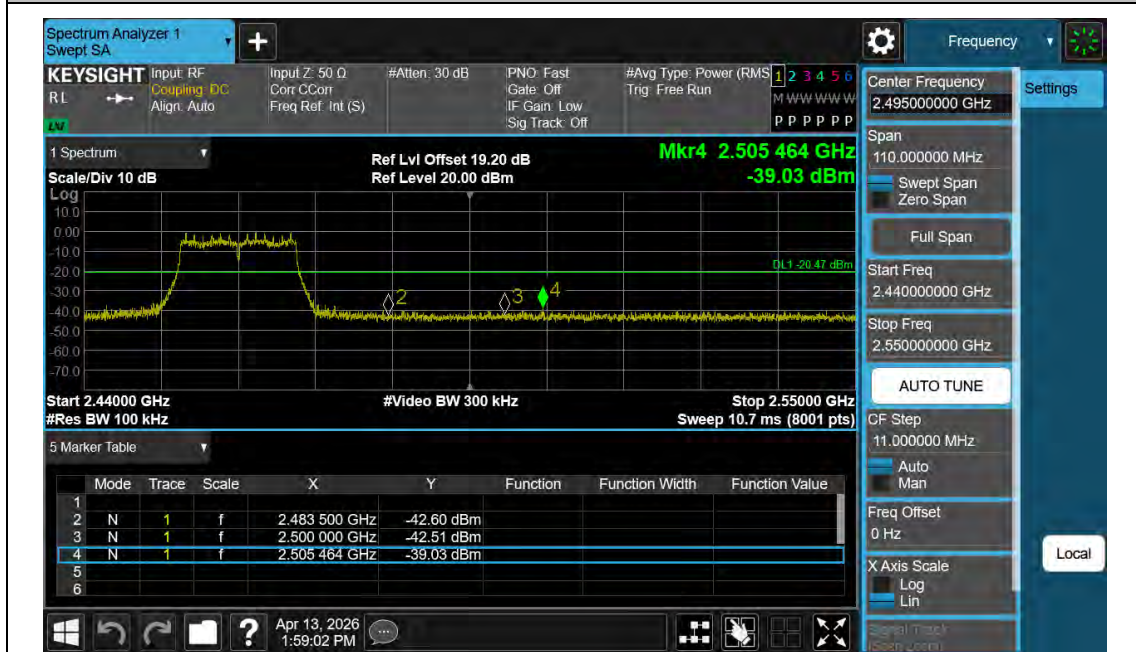
TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.18	-36.69	≤-12.82	PASS
11B	Ant1	High	2462	7.22	-39.35	≤-12.78	PASS
11G	Ant1	Low	2412	-0.91	-37.23	≤-20.91	PASS
11G	Ant1	High	2462	-0.47	-39.03	≤-20.47	PASS
11N20SISO	Ant1	Low	2412	-0.66	-35.84	≤-20.66	PASS
11N20SISO	Ant1	High	2462	-0.82	-39.31	≤-20.82	PASS
11N40SISO	Ant1	Low	2422	-3.10	-37.1	≤-23.1	PASS
11N40SISO	Ant1	High	2452	-3.20	-39.17	≤-23.2	PASS

Test Graphs

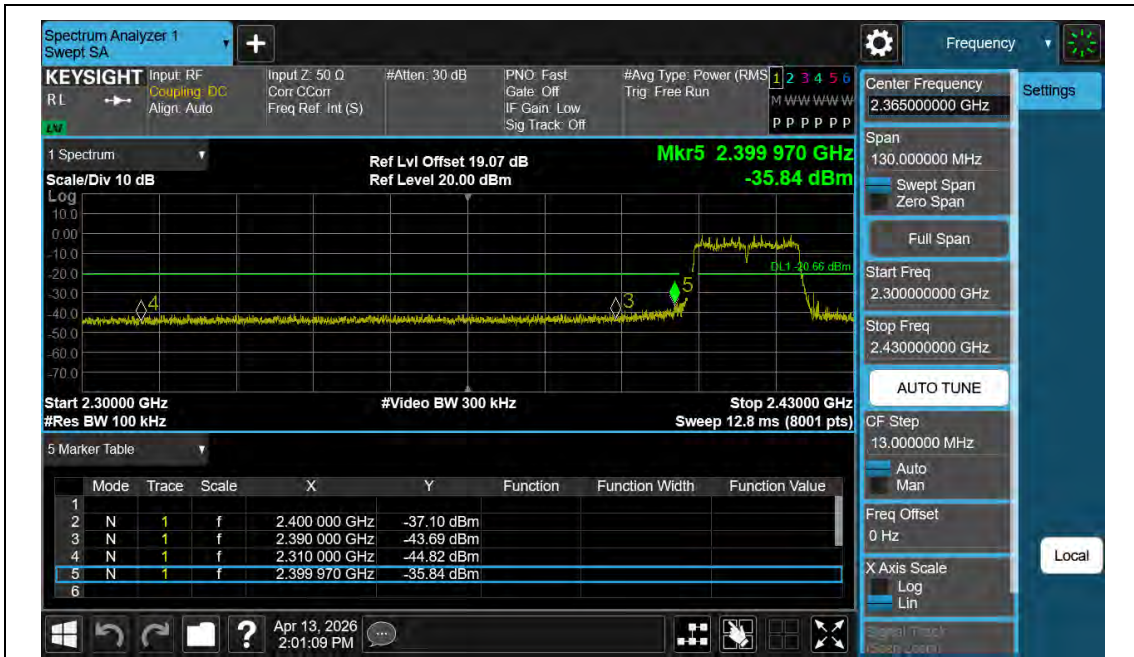




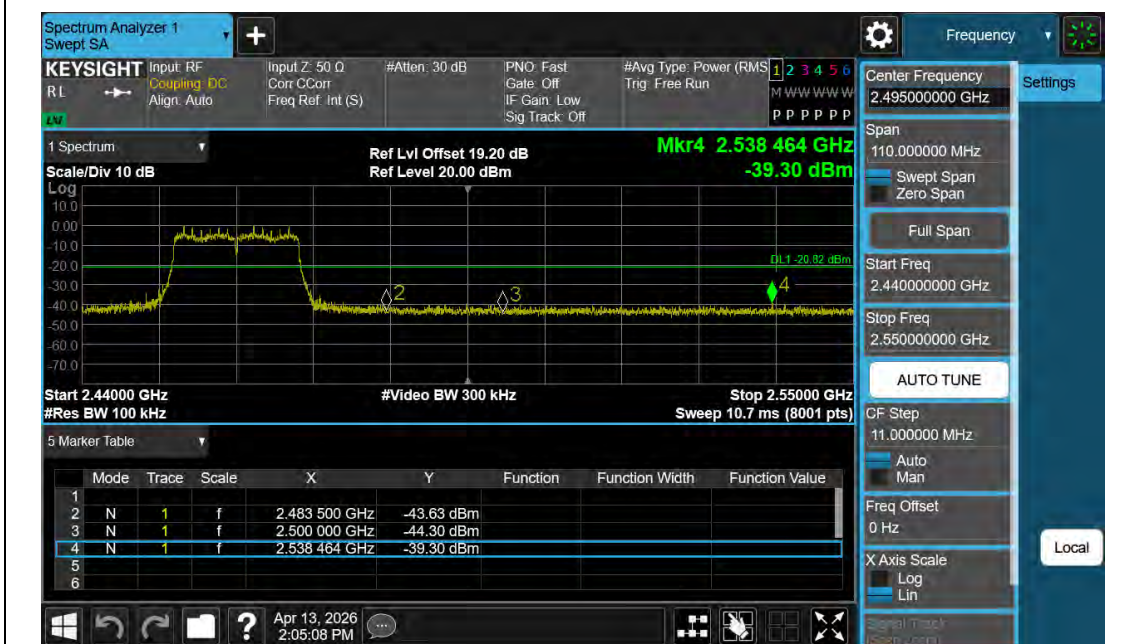
11G-Ant1-2462-PASS



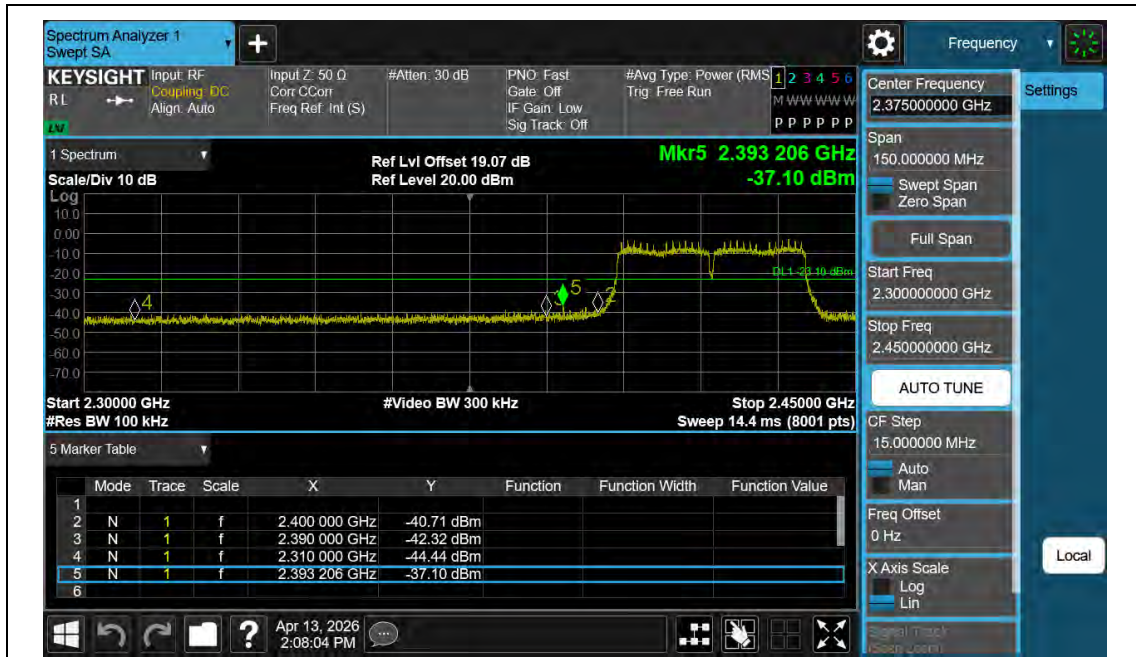
11N20SISO-Ant1-2412-PASS



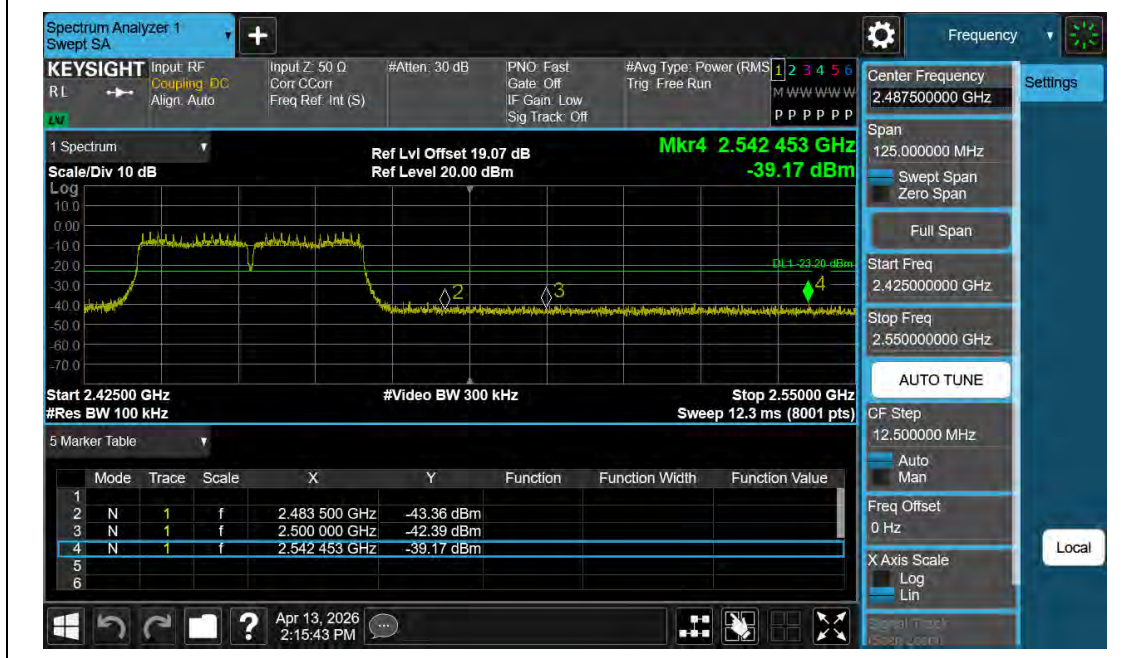
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

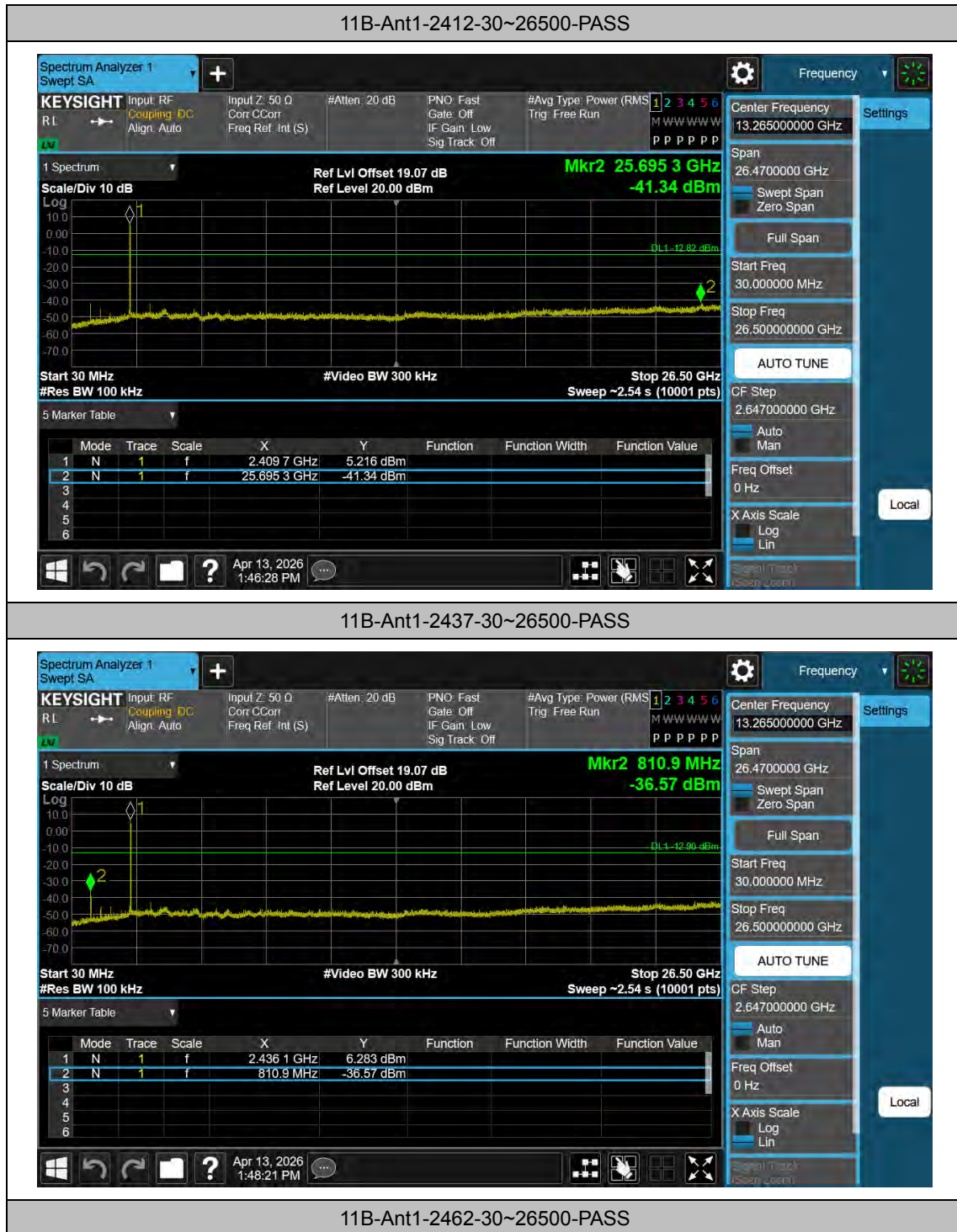


Appendix F: Conducted Spurious Emission

Test Result

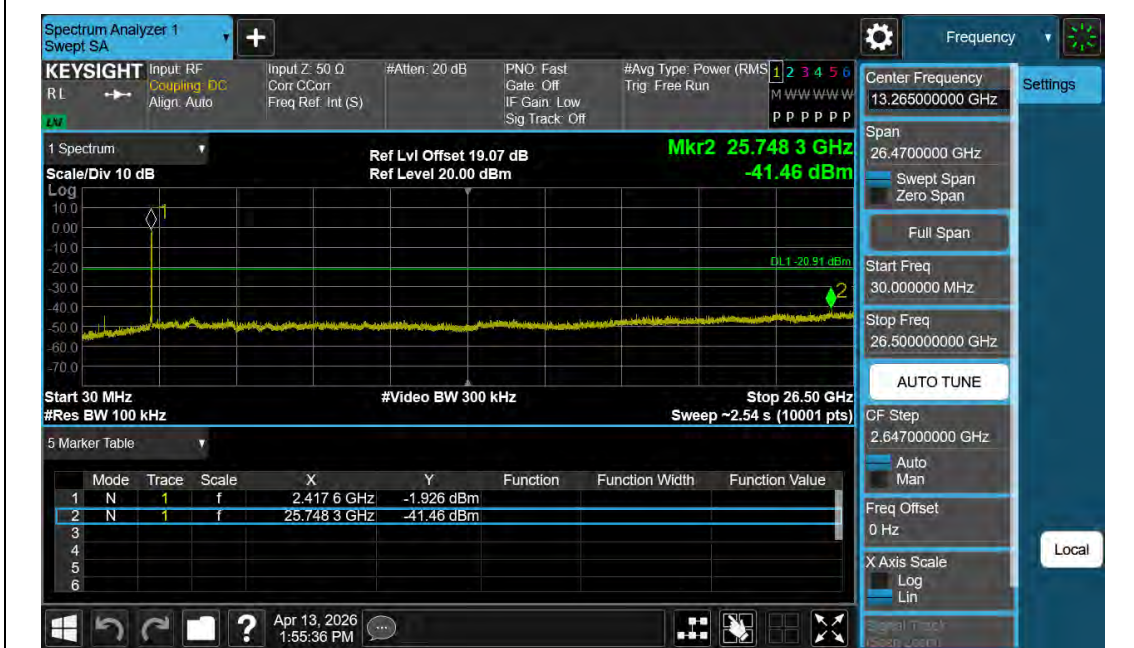
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	7.18	-41.34	≤-12.82	PASS
11B	Ant1	2437	30~26500	7.10	-36.57	≤-12.9	PASS
11B	Ant1	2462	30~26500	7.22	-40.68	≤-12.78	PASS
11G	Ant1	2412	30~26500	-0.91	-41.46	≤-20.91	PASS
11G	Ant1	2437	30~26500	-0.65	-42.13	≤-20.65	PASS
11G	Ant1	2462	30~26500	-0.47	-41.63	≤-20.47	PASS
11N20SISO	Ant1	2412	30~26500	-0.66	-41.91	≤-20.66	PASS
11N20SISO	Ant1	2437	30~26500	-0.74	-42.08	≤-20.74	PASS
11N20SISO	Ant1	2462	30~26500	-0.82	-42.28	≤-20.82	PASS
11N40SISO	Ant1	2422	30~26500	-3.10	-42.43	≤-23.1	PASS
11N40SISO	Ant1	2437	30~26500	-3.32	-41.39	≤-23.32	PASS
11N40SISO	Ant1	2452	30~26500	-3.20	-41.71	≤-23.2	PASS

Test Graphs

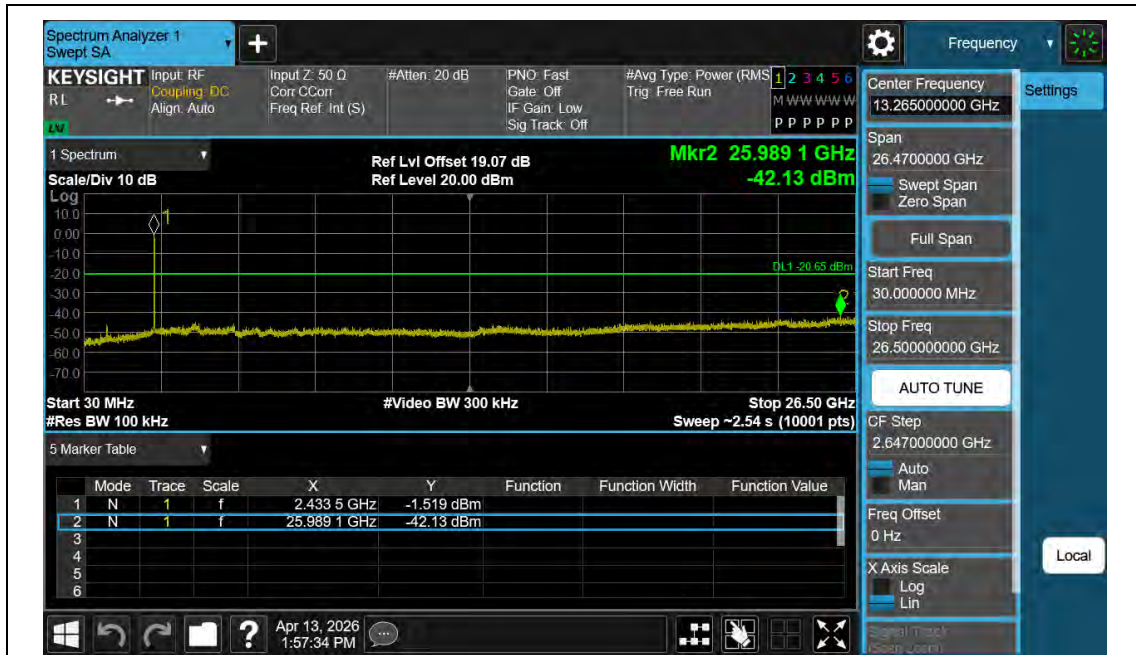




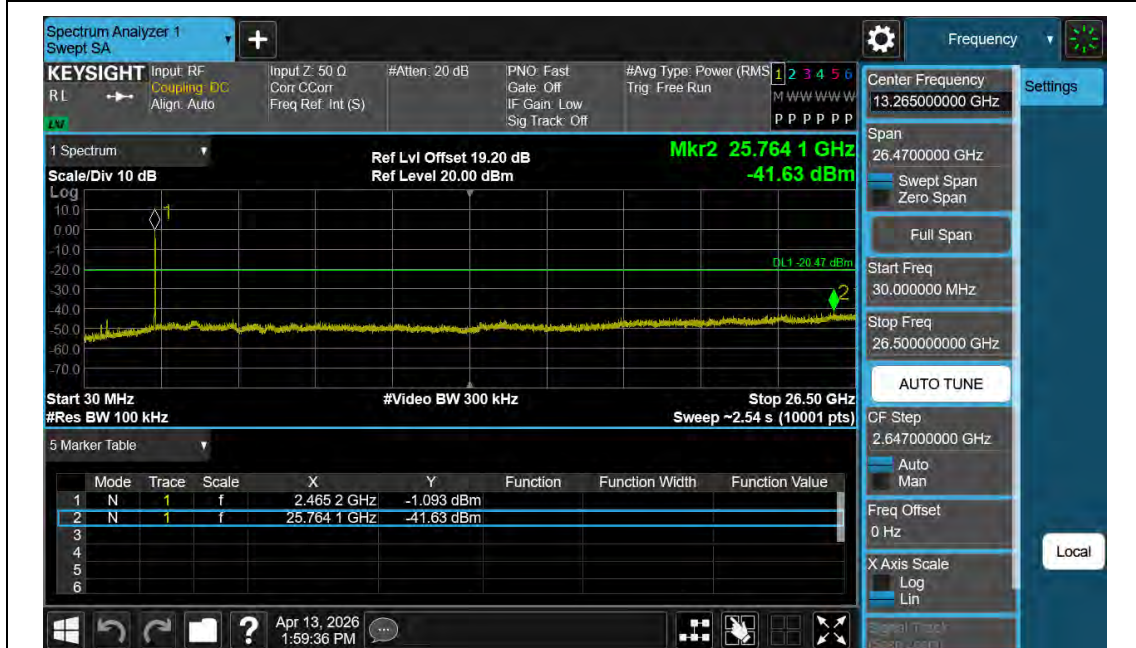
11G-Ant1-2412-30~26500-PASS



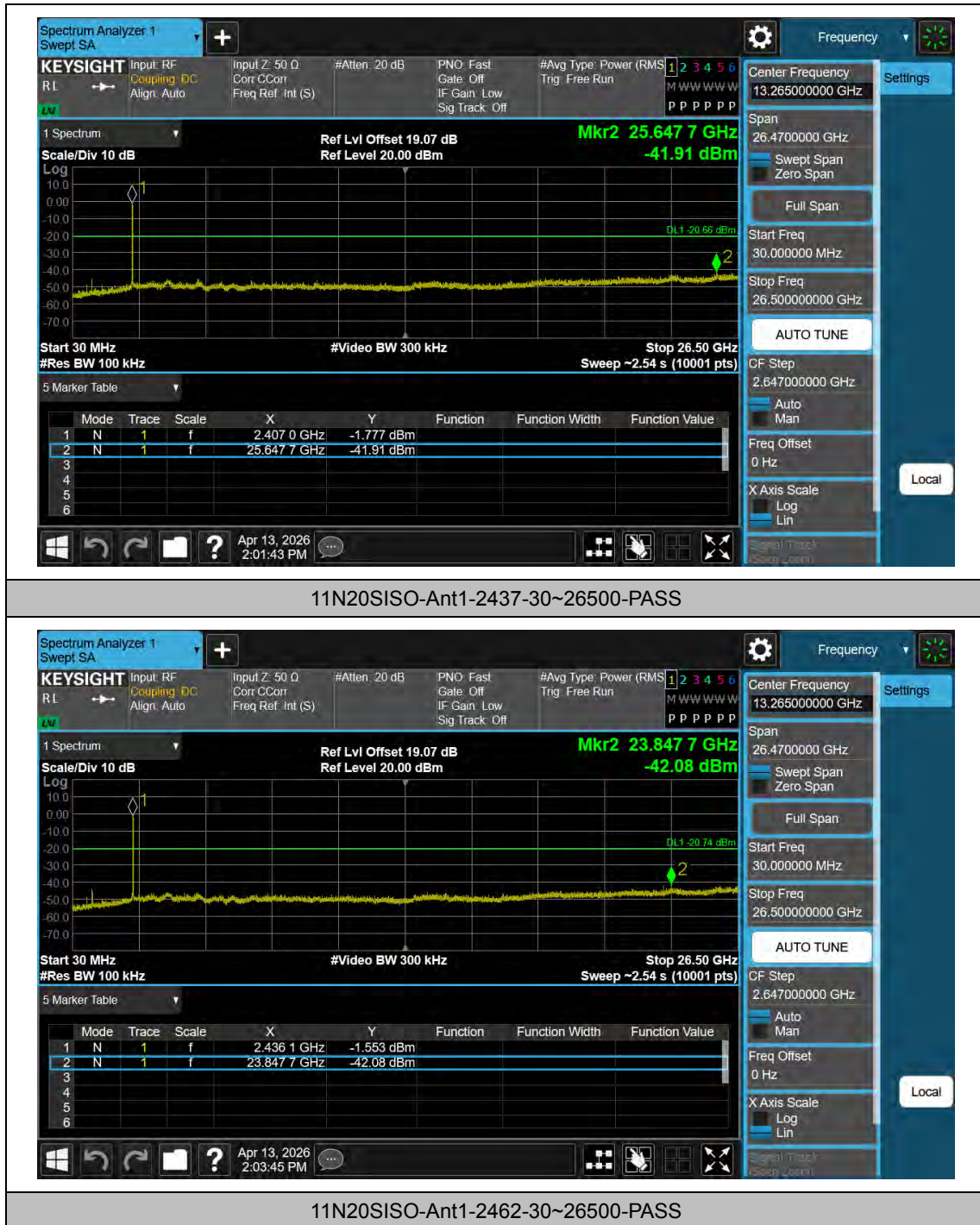
11G-Ant1-2437-30~26500-PASS

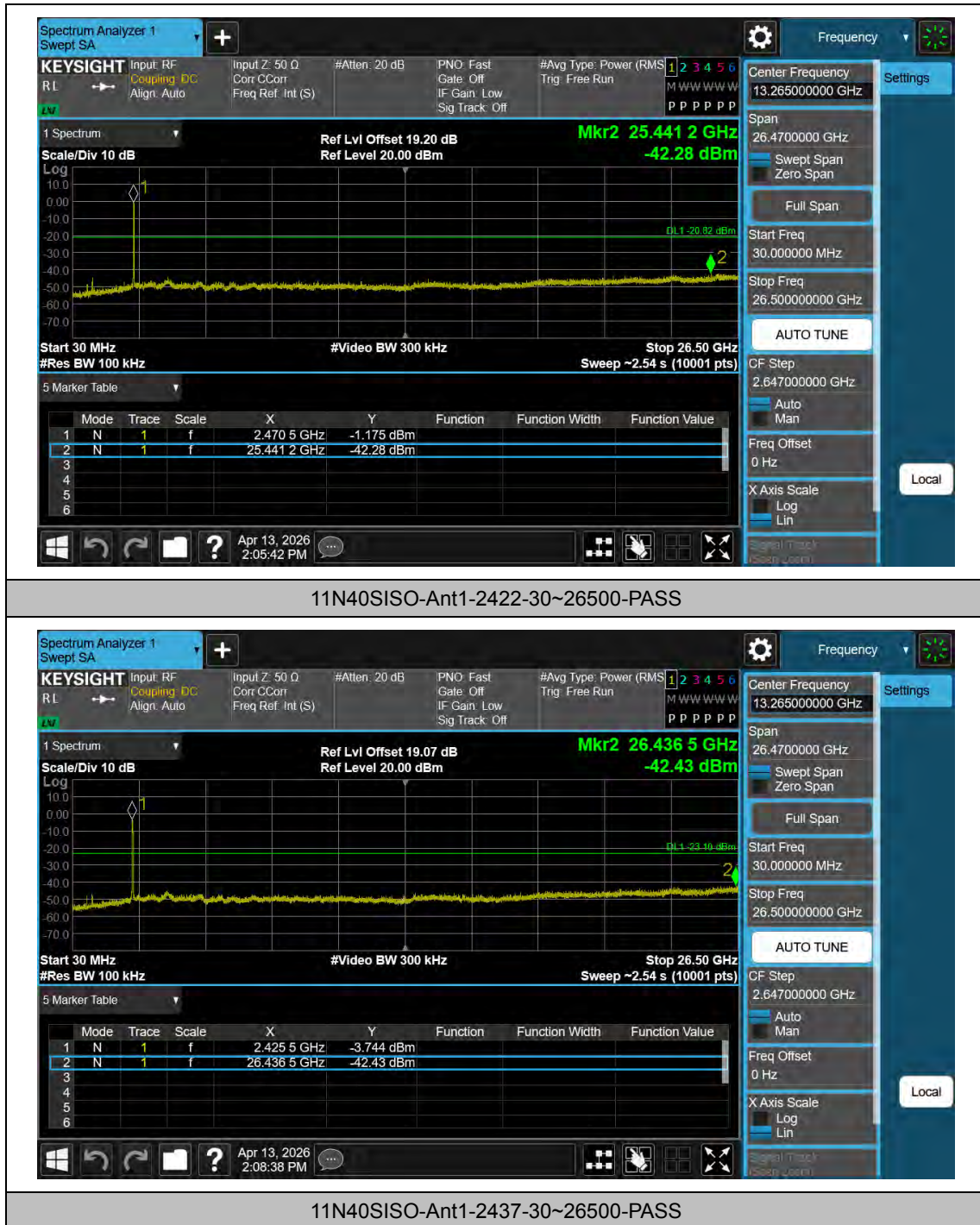


11G-Ant1-2462-30~26500-PASS



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







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

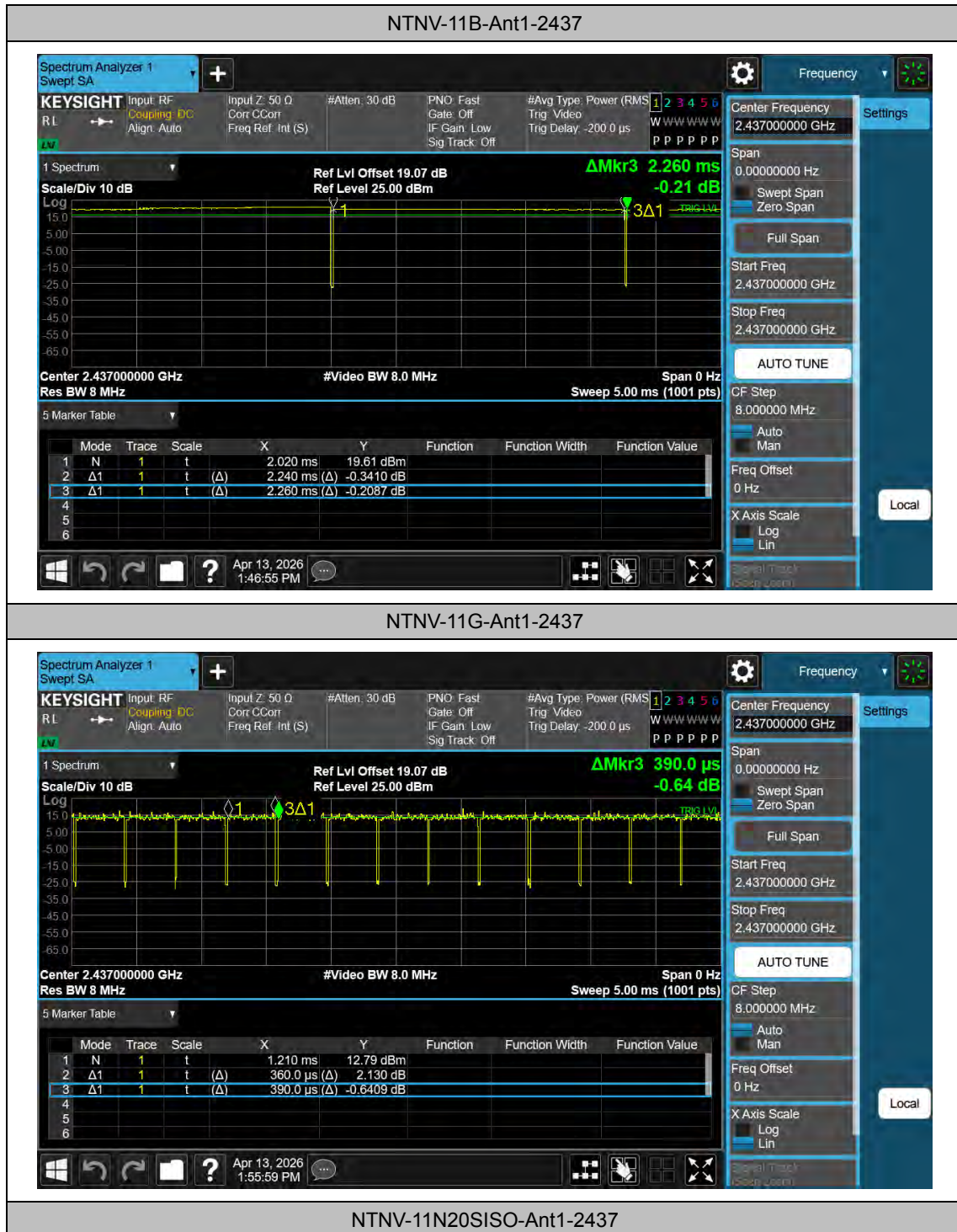


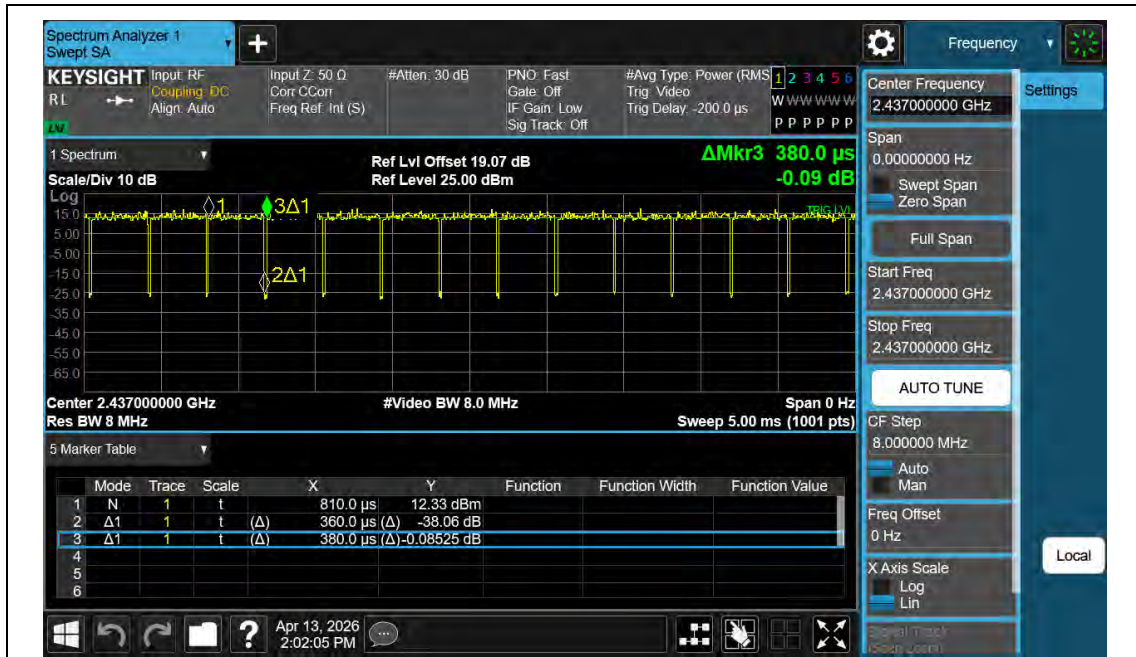
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	2.24	2.26	99.12
11G	Ant1	2437	0.36	0.39	92.31
11N20SISO	Ant1	2437	0.36	0.38	94.74
11N40SISO	Ant1	2437	0.19	0.22	86.36

Test Graphs





NTNV-11N40SiSO-Ant1-2437

