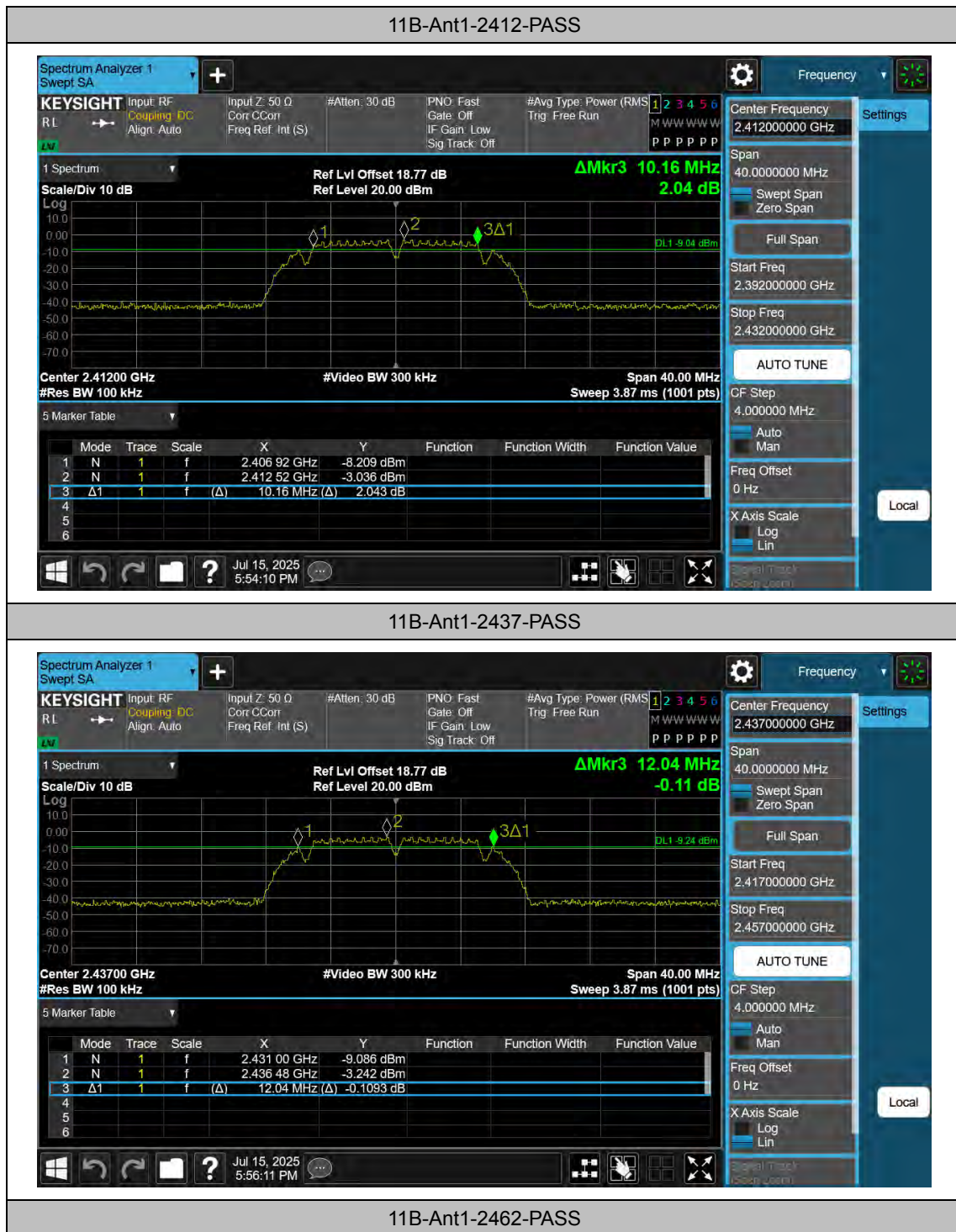


Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.160	2406.920	2417.080	0.5	PASS
11B	Ant1	2437	12.040	2431.000	2443.040	0.5	PASS
11B	Ant1	2462	10.200	2456.880	2467.080	0.5	PASS
11G	Ant1	2412	15.040	2404.440	2419.480	0.5	PASS
11G	Ant1	2437	15.120	2429.400	2444.520	0.5	PASS
11G	Ant1	2462	15.080	2454.480	2469.560	0.5	PASS
11N20SISO	Ant1	2412	13.840	2405.720	2419.560	0.5	PASS
11N20SISO	Ant1	2437	13.800	2429.560	2443.360	0.5	PASS
11N20SISO	Ant1	2462	12.920	2455.360	2468.280	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.400	2439.760	0.5	PASS
11N40SISO	Ant1	2437	35.680	2419.480	2455.160	0.5	PASS
11N40SISO	Ant1	2452	36.320	2433.840	2470.160	0.5	PASS

Test Graphs

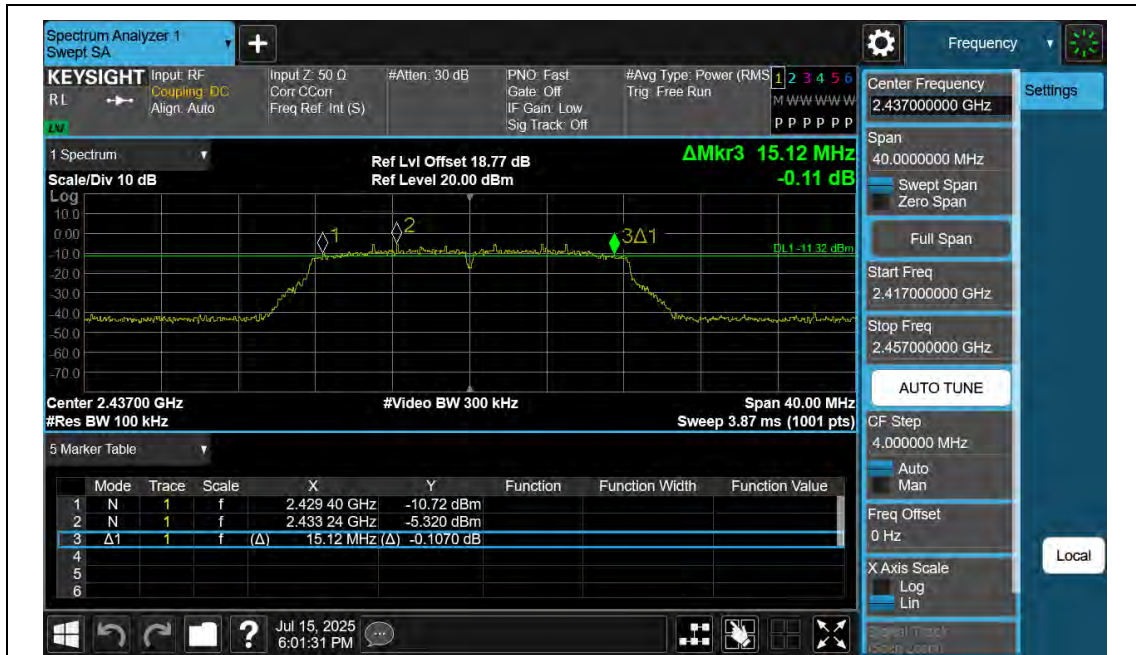




11G-Ant1-2412-PASS



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

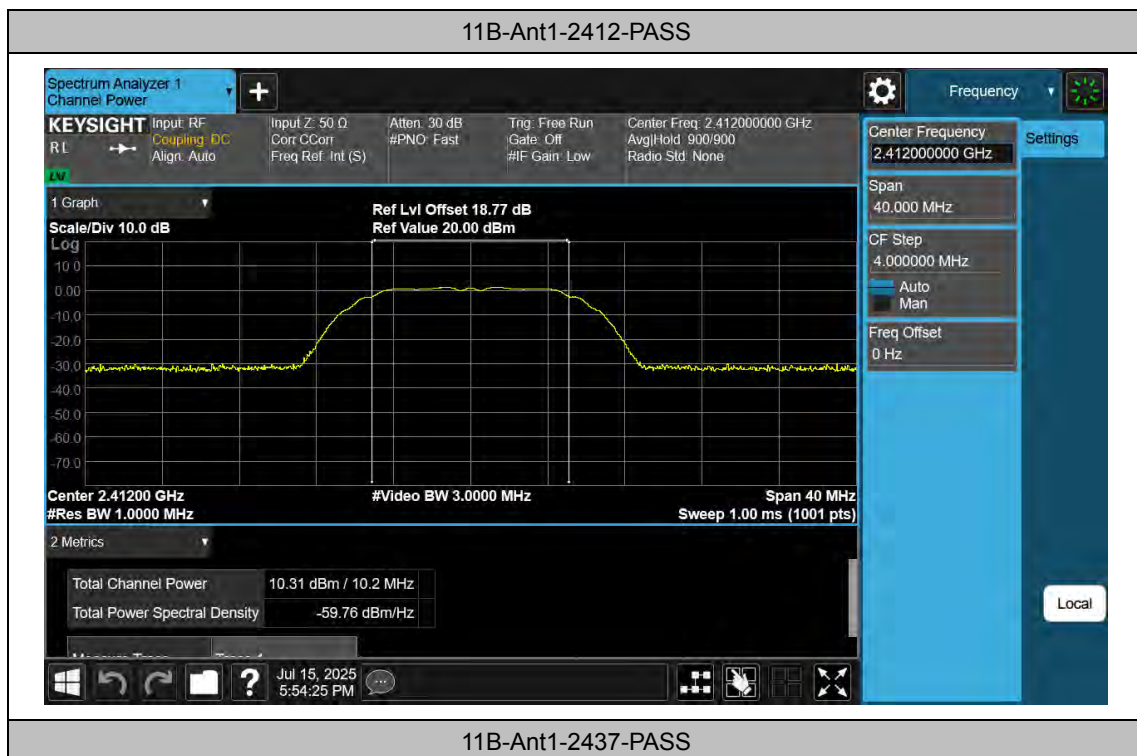


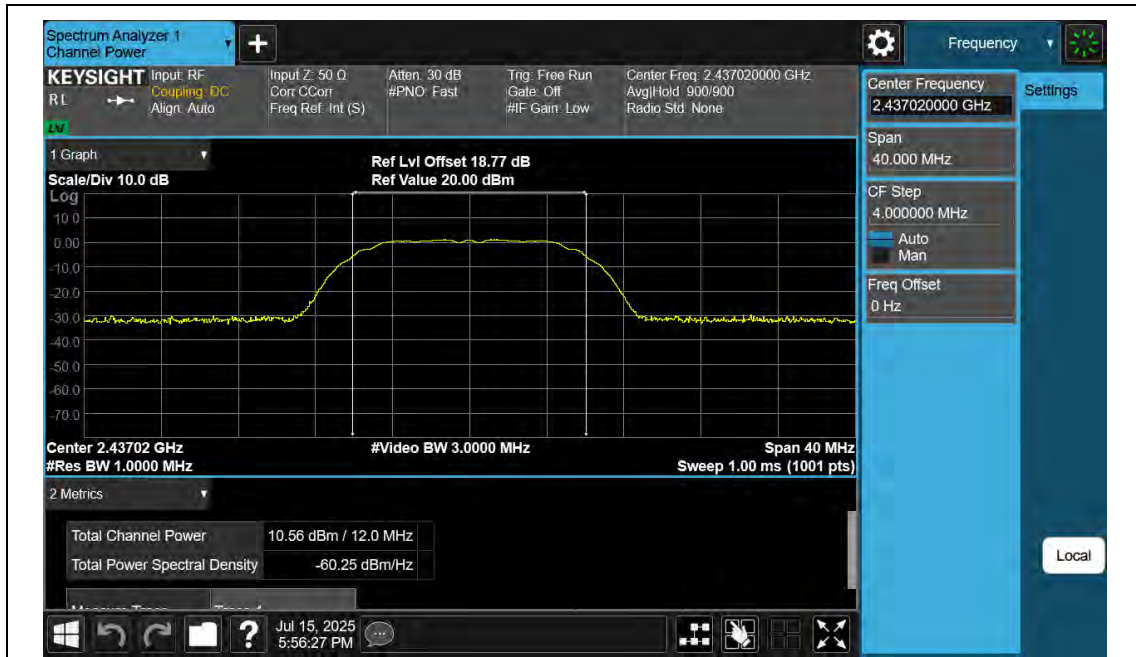
Appendix B: Maximum conducted output power

Test Result Peak

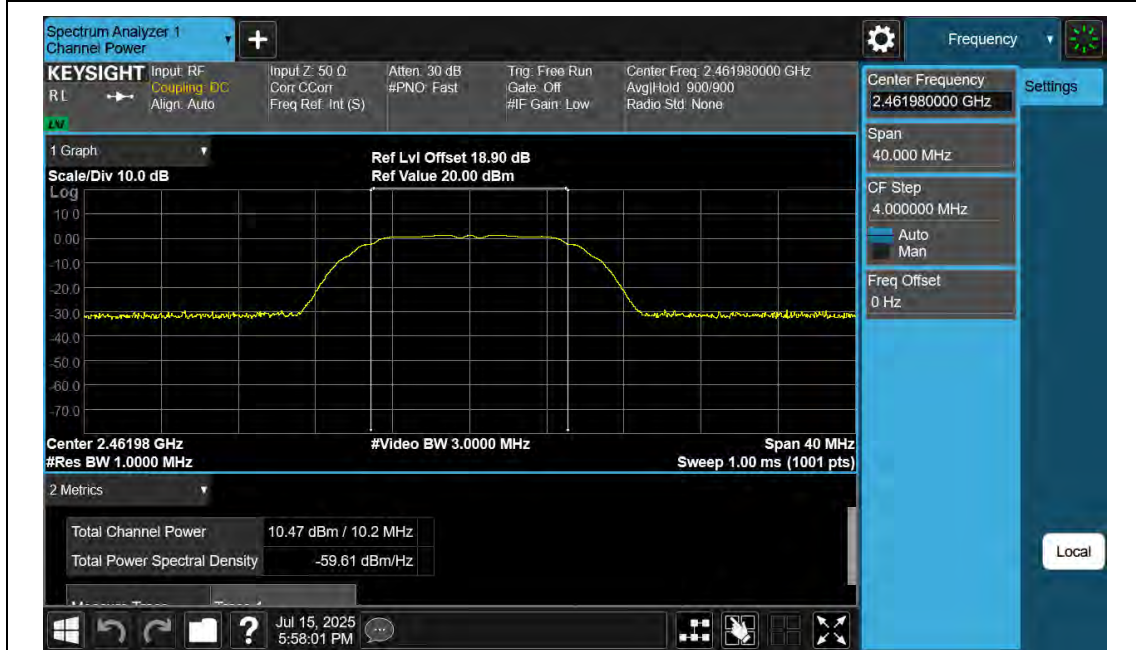
TestMode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	10.31	≤30.00	PASS
11B	Ant1	2437	10.56	≤30.00	PASS
11B	Ant1	2462	10.47	≤30.00	PASS
11G	Ant1	2412	13.61	≤30.00	PASS
11G	Ant1	2437	13.72	≤30.00	PASS
11G	Ant1	2462	13.95	≤30.00	PASS
11N20SISO	Ant1	2412	13.05	≤30.00	PASS
11N20SISO	Ant1	2437	13.14	≤30.00	PASS
11N20SISO	Ant1	2462	13.21	≤30.00	PASS
11N40SISO	Ant1	2422	14.66	≤30.00	PASS
11N40SISO	Ant1	2437	14.78	≤30.00	PASS
11N40SISO	Ant1	2452	14.89	≤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

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-19.32	≤8.00	PASS
11B	Ant1	2437	-18.99	≤8.00	PASS
11B	Ant1	2462	-19.60	≤8.00	PASS
11G	Ant1	2412	-19.10	≤8.00	PASS
11G	Ant1	2437	-20.41	≤8.00	PASS
11G	Ant1	2462	-20.41	≤8.00	PASS
11N20SISO	Ant1	2412	-21.17	≤8.00	PASS
11N20SISO	Ant1	2437	-21.28	≤8.00	PASS
11N20SISO	Ant1	2462	-20.05	≤8.00	PASS
11N40SISO	Ant1	2422	-22.44	≤8.00	PASS
11N40SISO	Ant1	2437	-22.61	≤8.00	PASS
11N40SISO	Ant1	2452	-22.00	≤8.00	PASS

Test Graphs

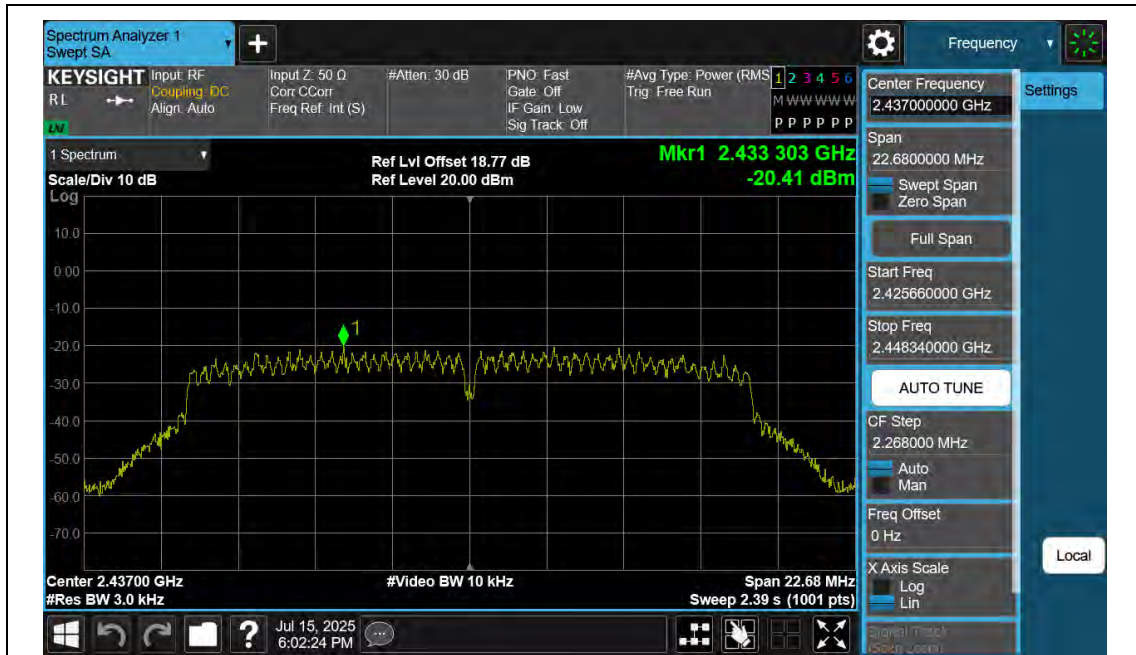




11G-Ant1-2412-PASS



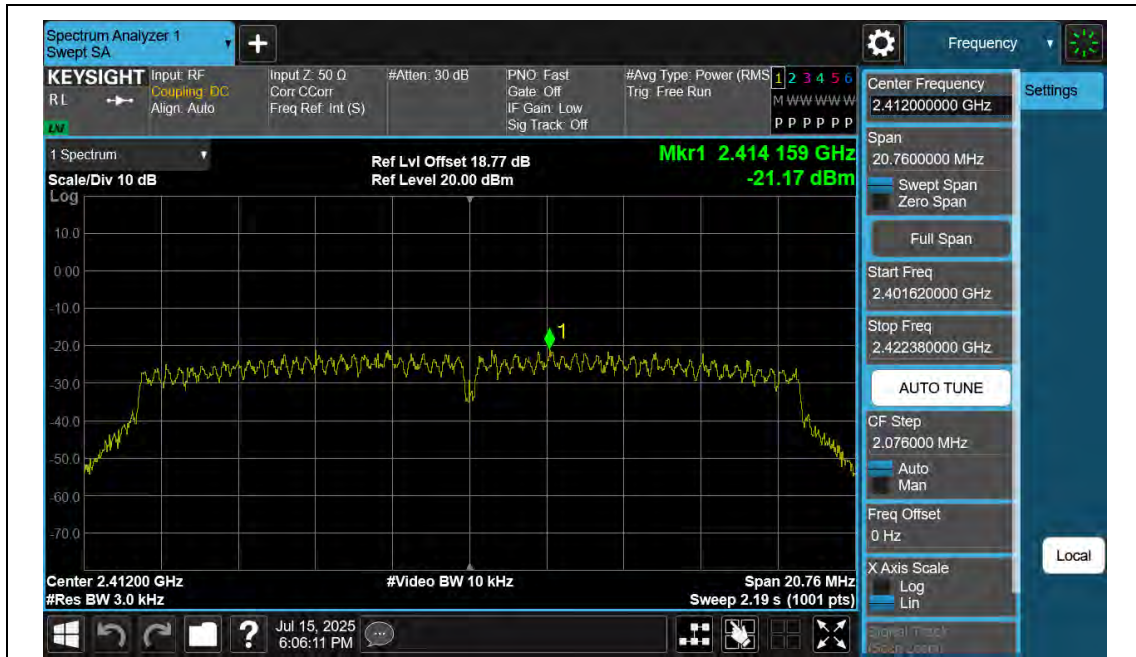
11G-Ant1-2437-PASS



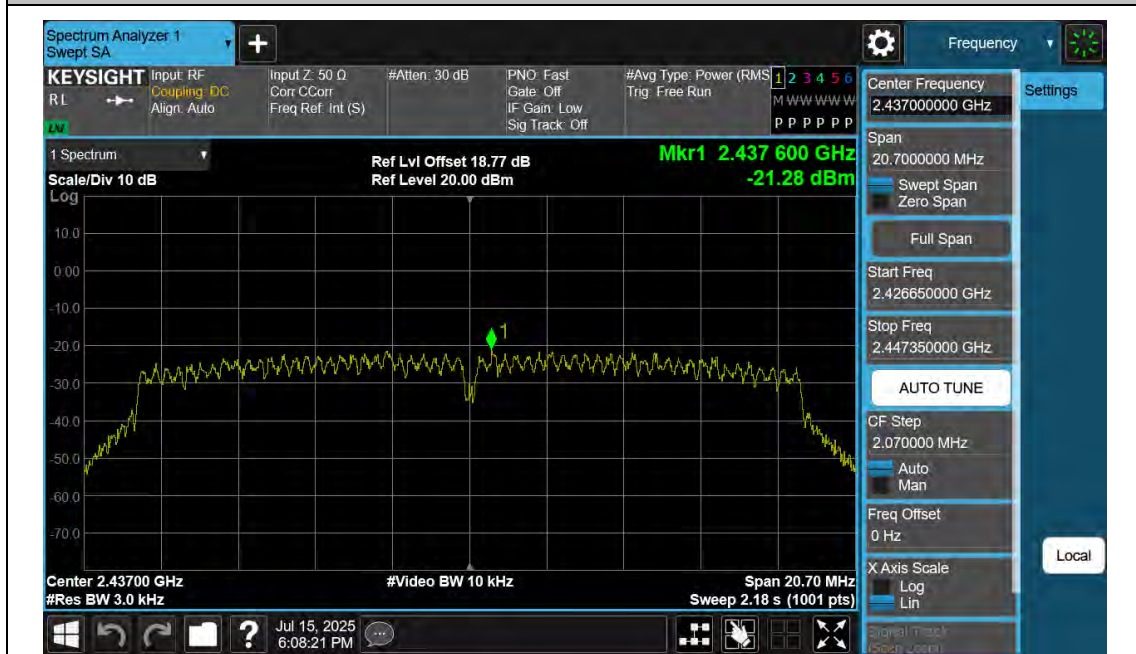
11G-Ant1-2462-PASS



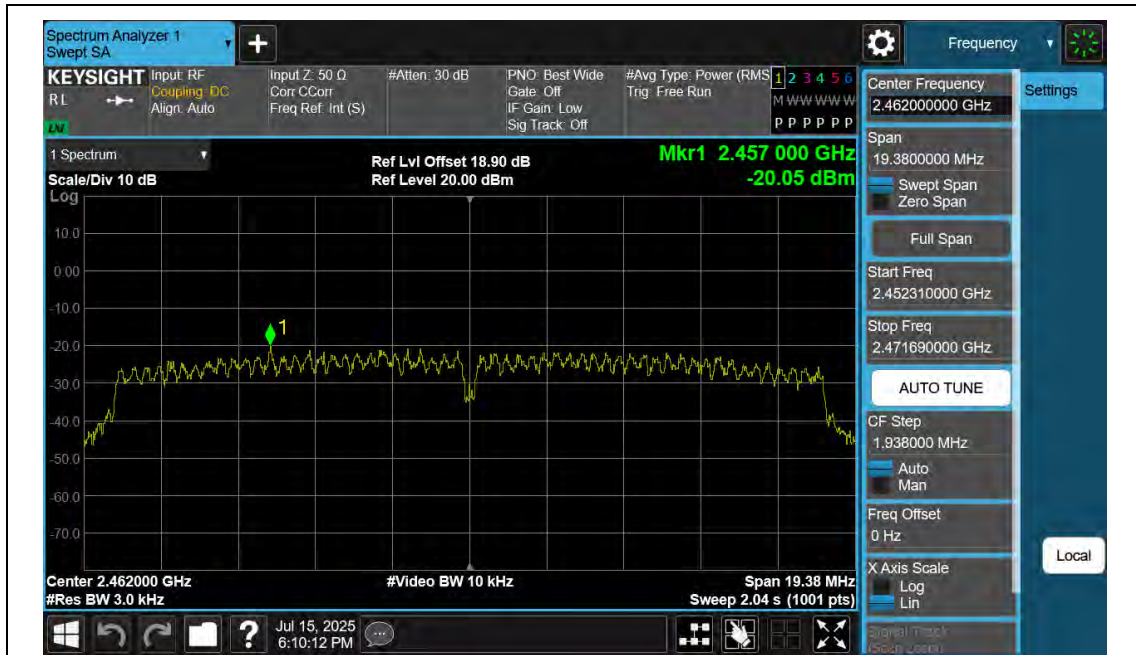
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



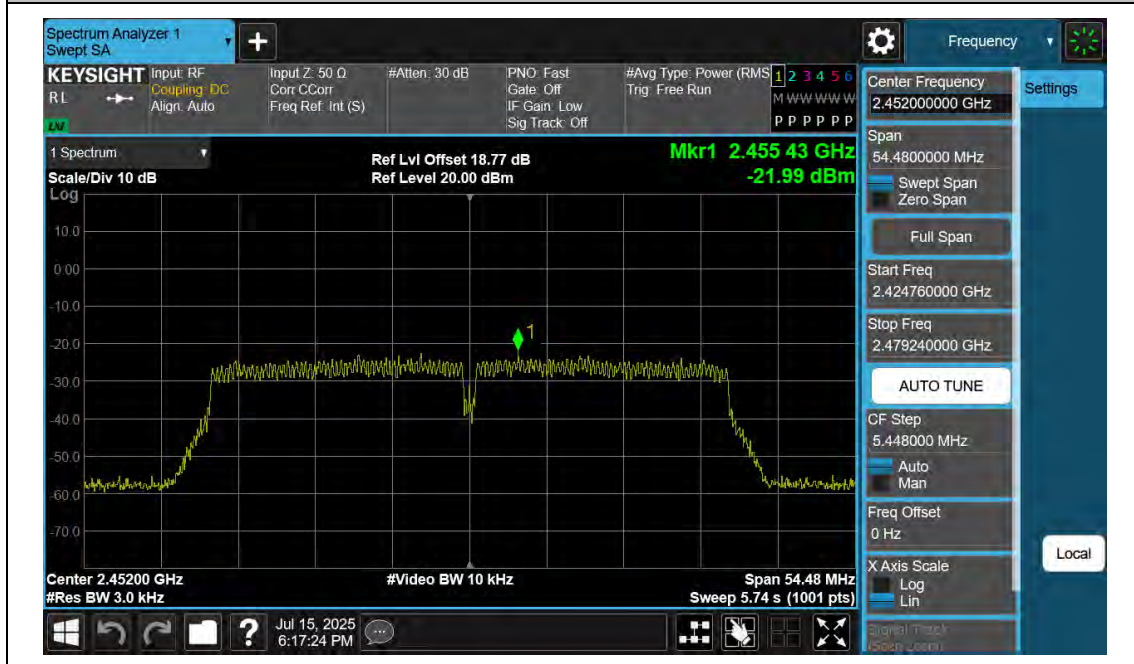
11N40SISO-Ant1-2422-PASS



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	2412.52	-3.13
11B	Ant1	2437	2436.49	-3.11
11B	Ant1	2462	2461.51	-2.91
11G	Ant1	2412	2415.77	-5.13
11G	Ant1	2437	2439.52	-5.01
11G	Ant1	2462	2455.76	-4.72
11N20SISO	Ant1	2412	2413.25	-5.71
11N20SISO	Ant1	2437	2430.77	-5.02
11N20SISO	Ant1	2462	2464.52	-4.80
11N40SISO	Ant1	2422	2417.01	-7.42
11N40SISO	Ant1	2437	2448.29	-7.25
11N40SISO	Ant1	2452	2448.30	-7.72

Test Graphs





11G-Ant1-2412-PASS



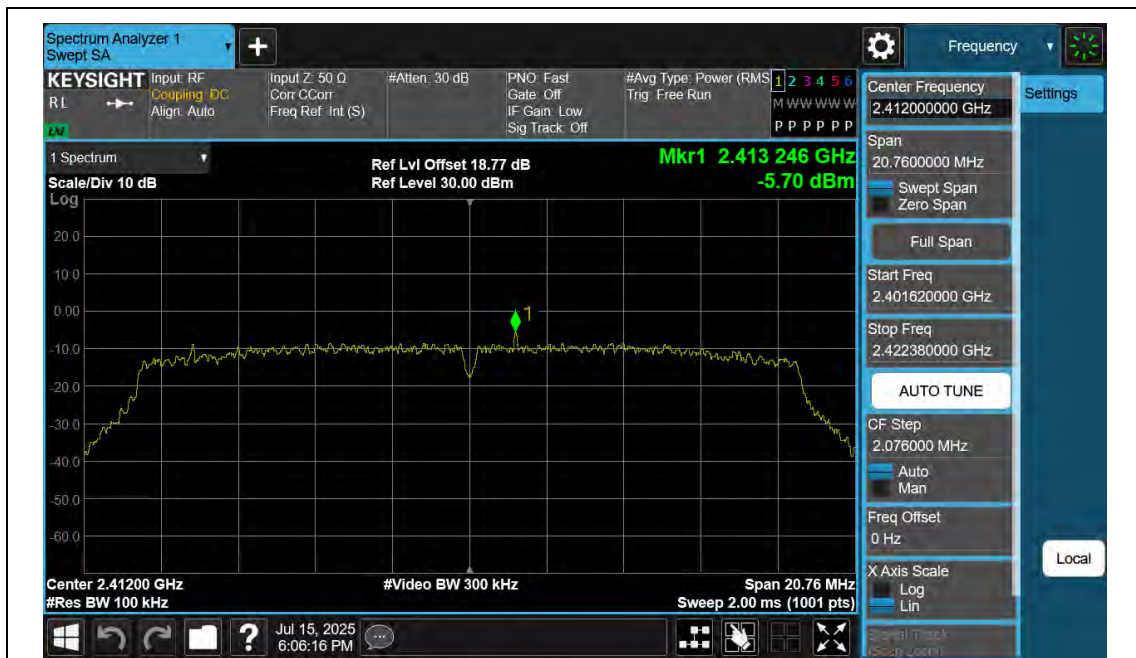
11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



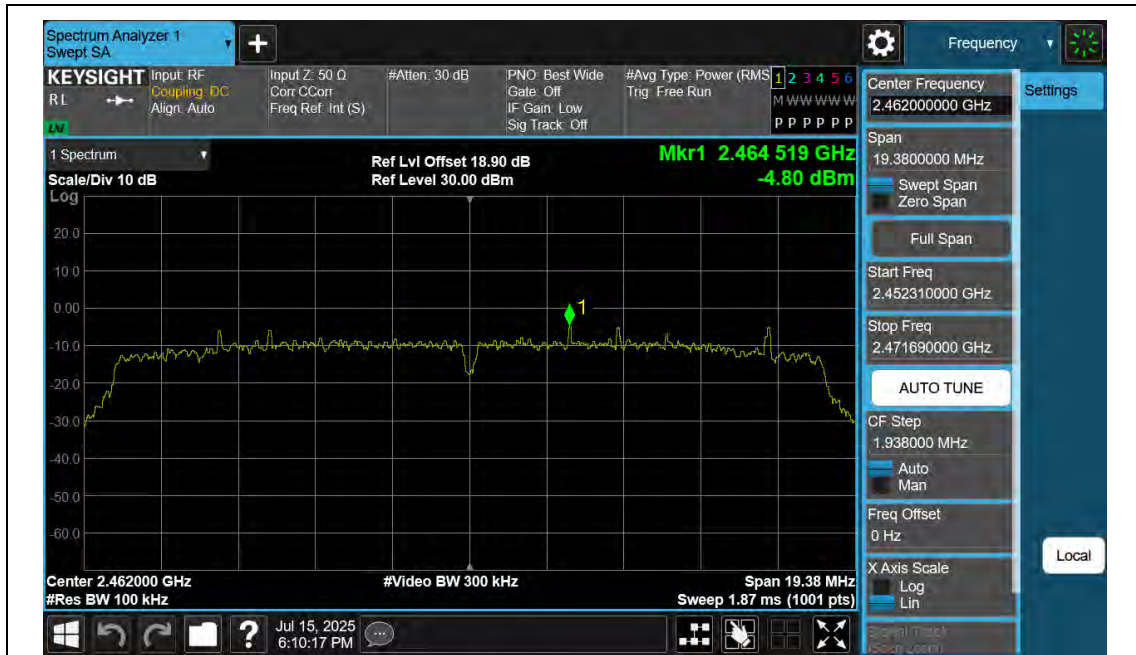
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



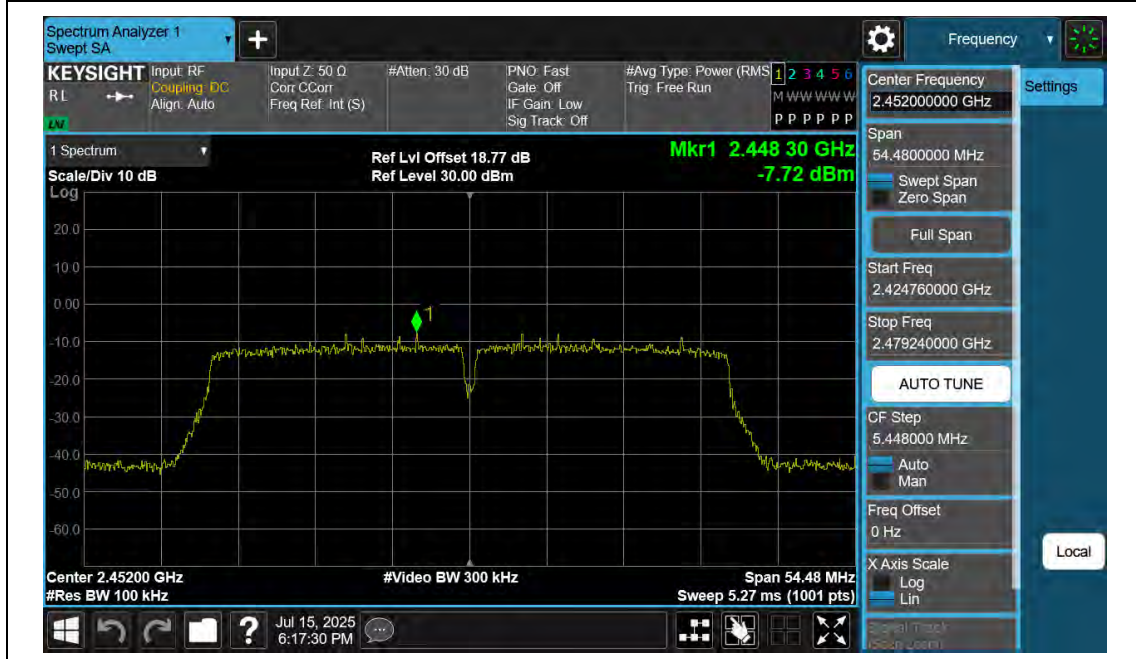
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS

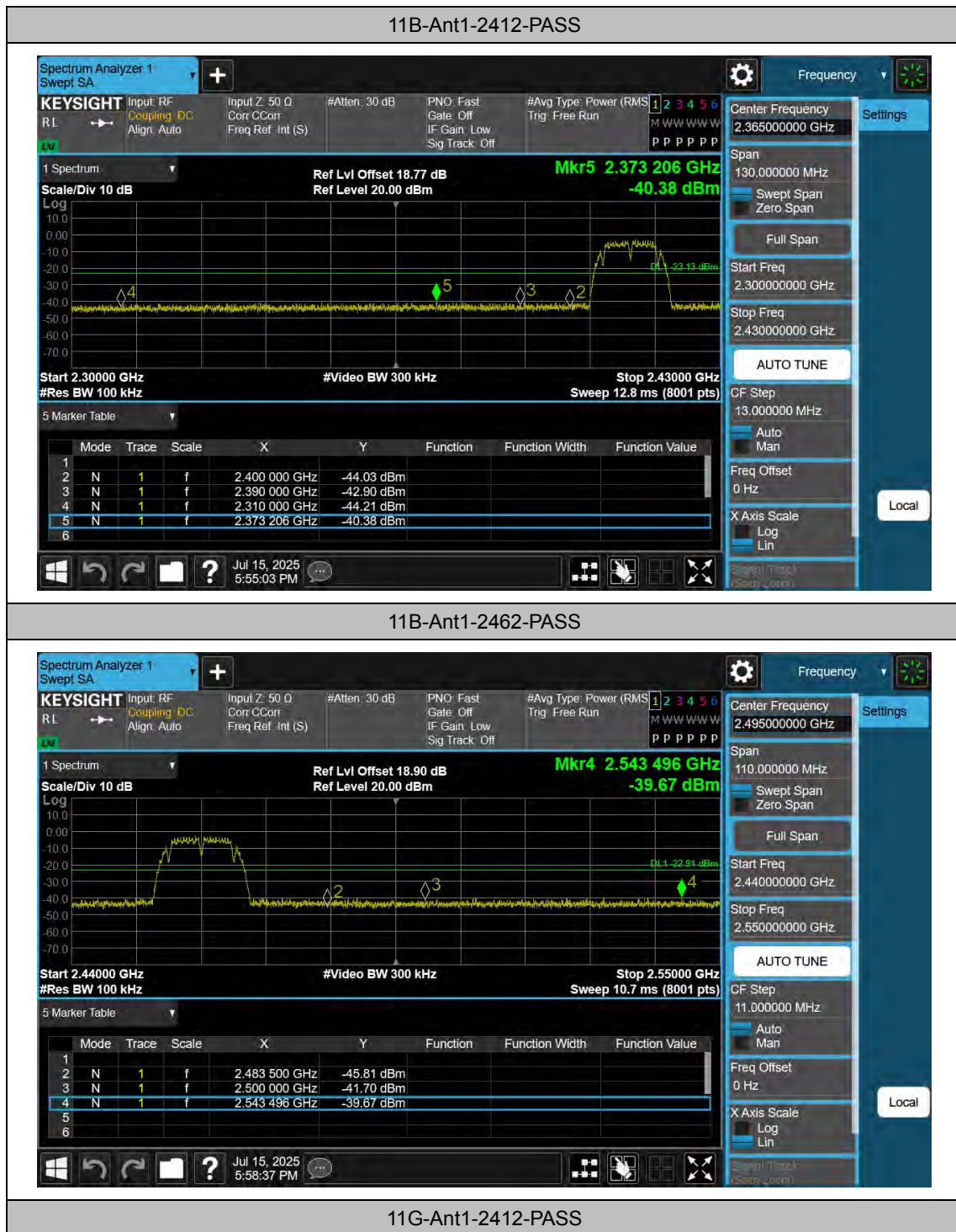


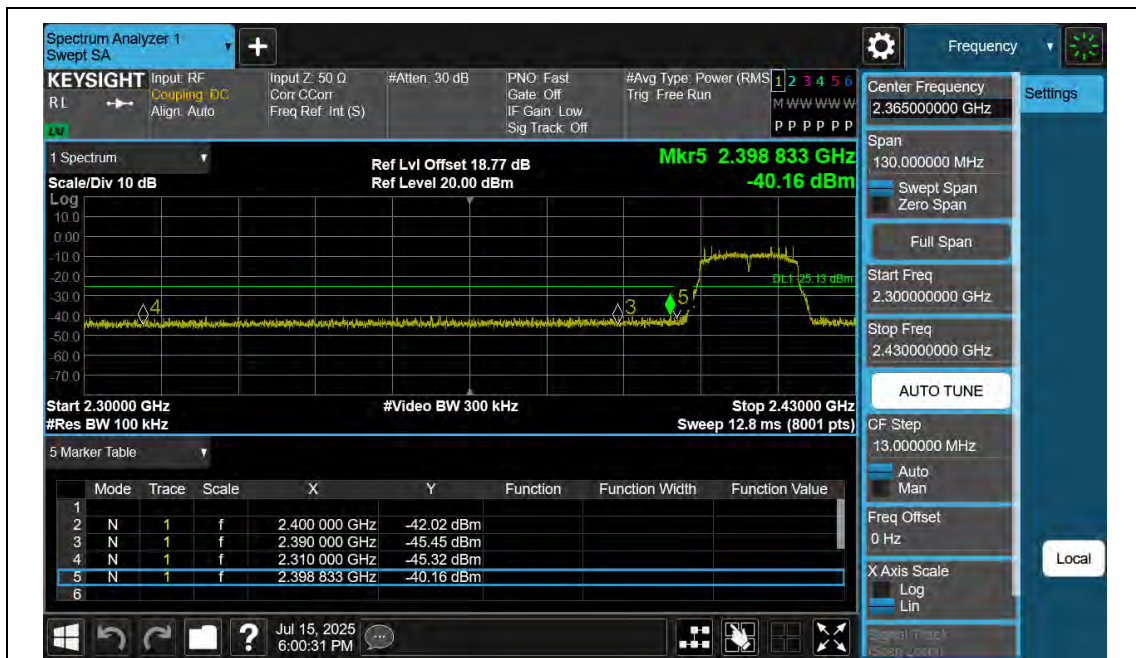
Appendix E: Band edge measurements

Test Result

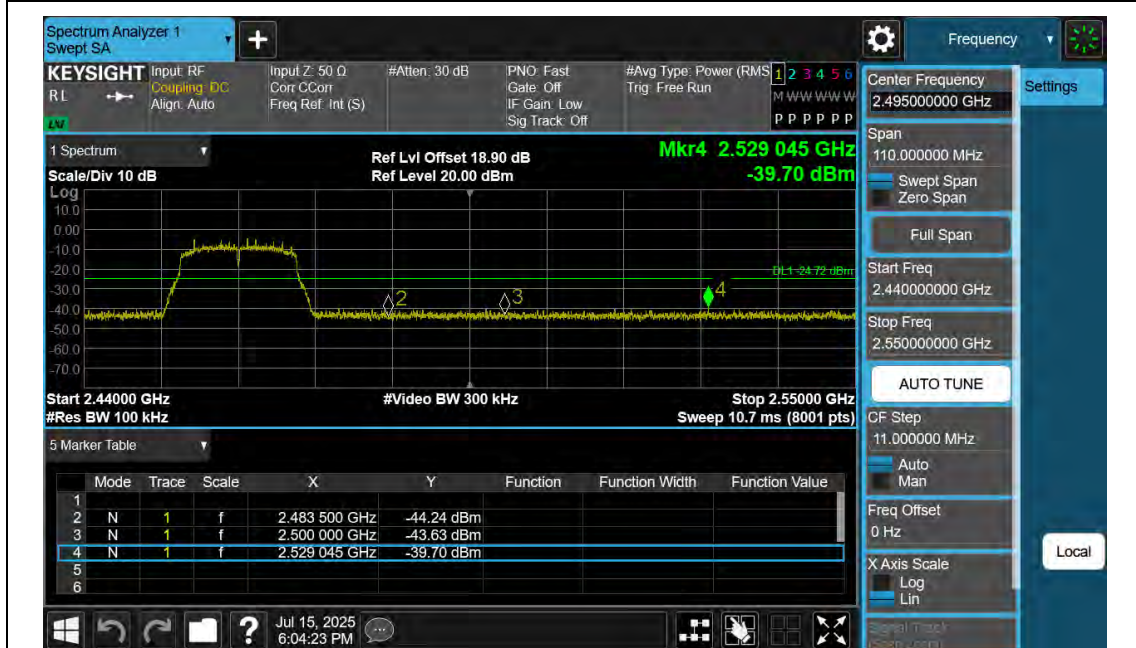
TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.13	-40.38	≤ -23.13	PASS
11B	Ant1	High	2462	-2.91	-39.67	≤ -22.91	PASS
11G	Ant1	Low	2412	-5.13	-40.16	≤ -25.13	PASS
11G	Ant1	High	2462	-4.72	-39.70	≤ -24.72	PASS
11N20SISO	Ant1	Low	2412	-5.71	-38.97	≤ -25.71	PASS
11N20SISO	Ant1	High	2462	-4.80	-38.98	≤ -24.80	PASS
11N40SISO	Ant1	Low	2422	-7.42	-40.20	≤ -27.42	PASS
11N40SISO	Ant1	High	2452	-7.72	-39.85	≤ -27.72	PASS

Test Graphs





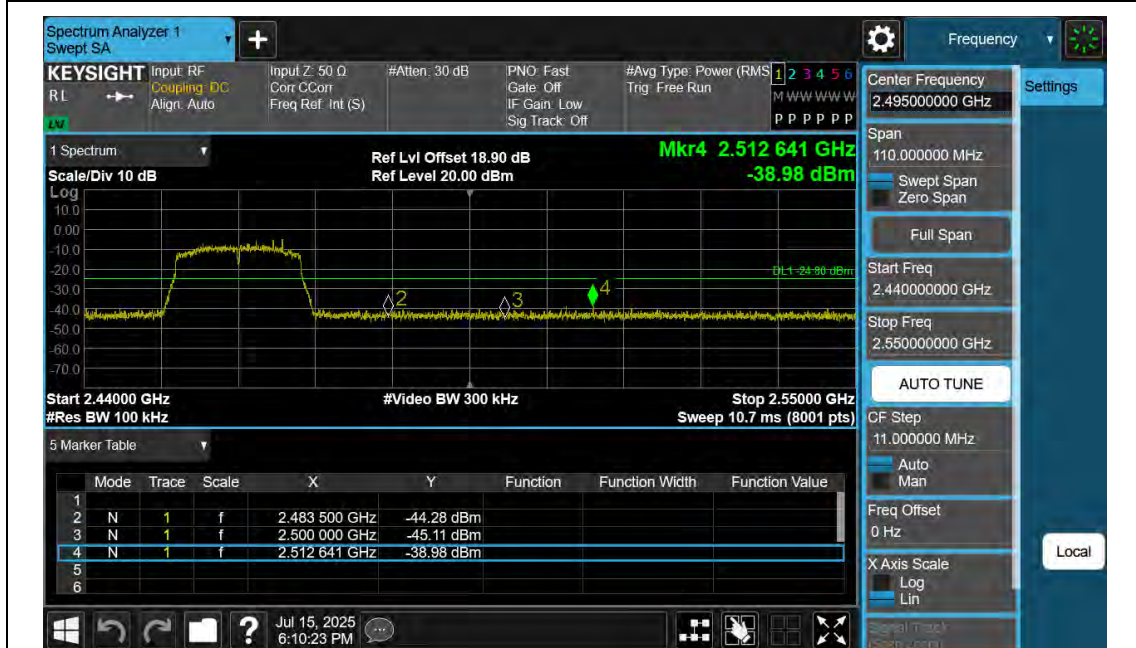
11G-Ant1-2462-PASS



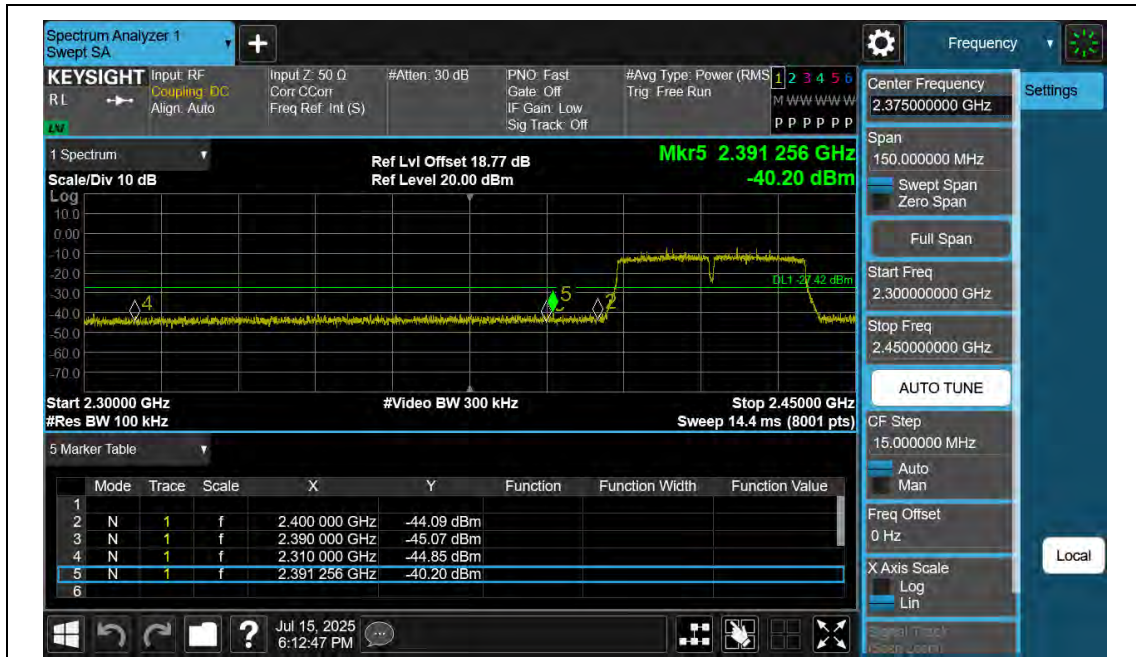
11N20SISO-Ant1-2412-PASS



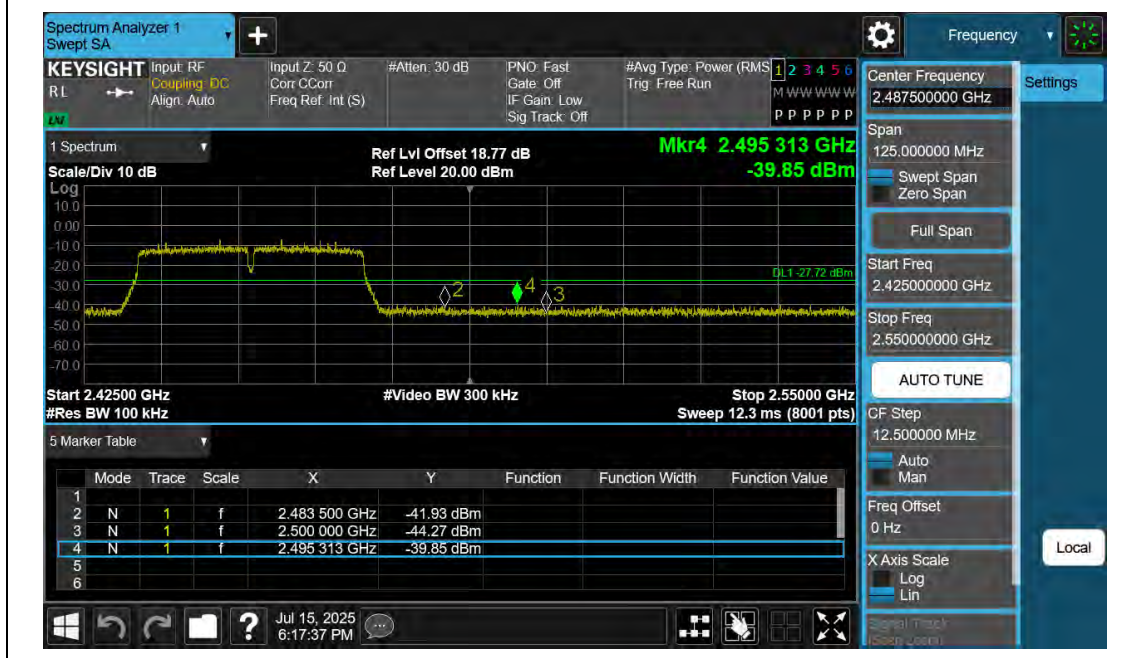
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

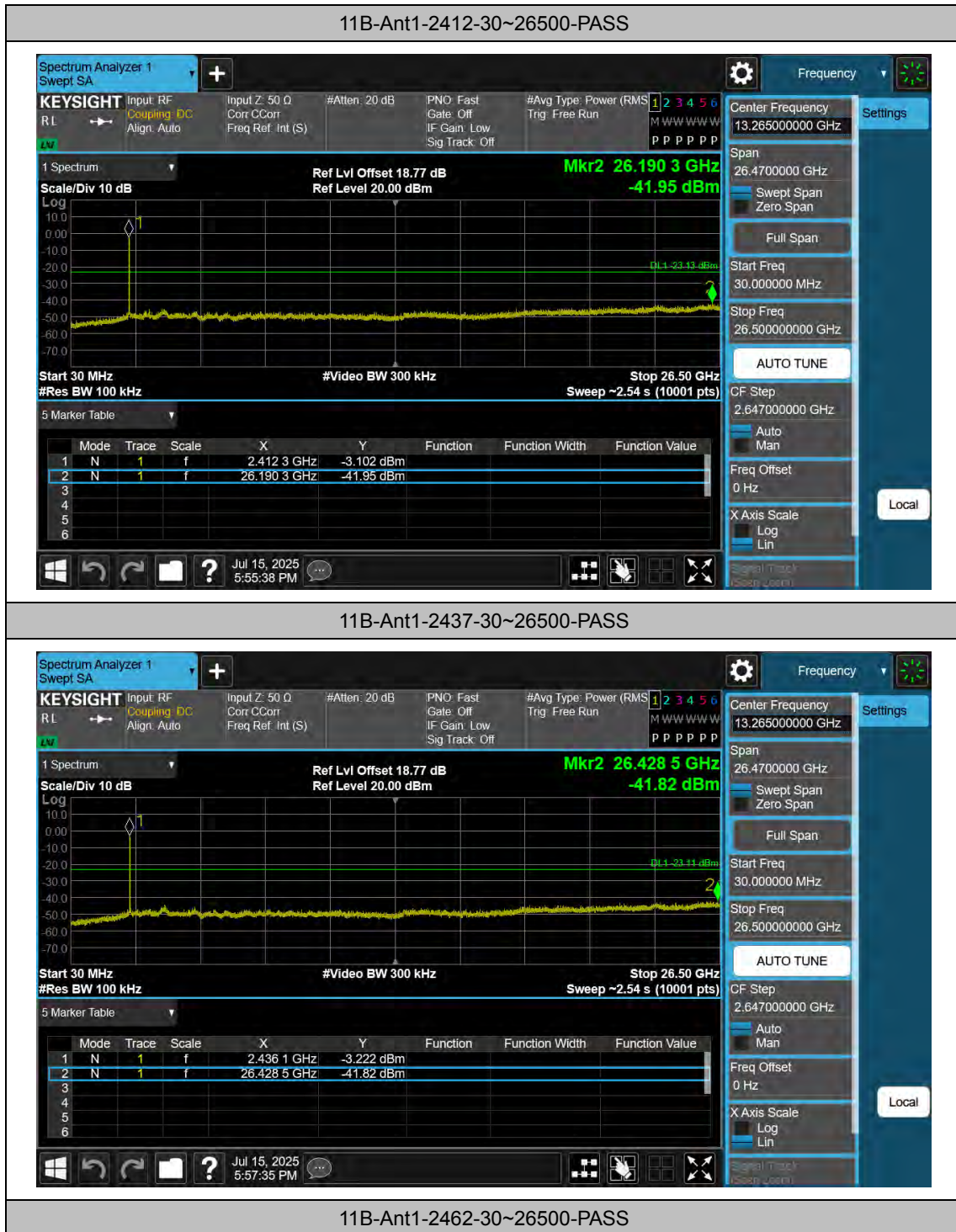


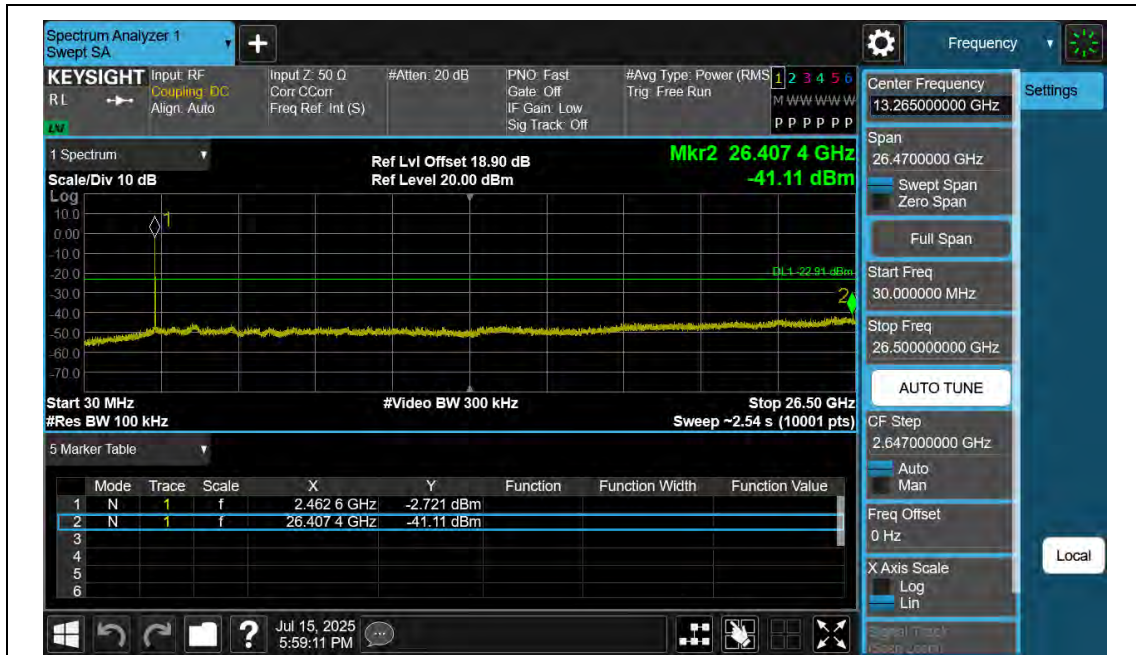
Appendix F: Conducted Spurious Emission

Test Result

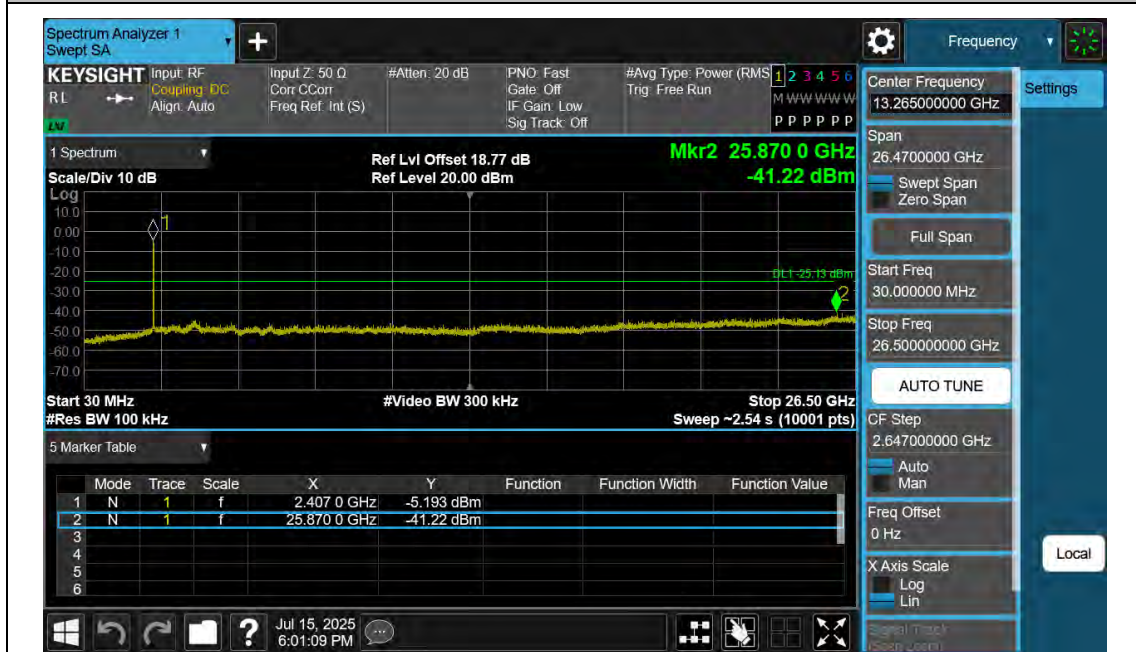
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	-3.13	-41.95	≤-23.13	PASS
11B	Ant1	2437	30~26500	-3.11	-41.82	≤-23.11	PASS
11B	Ant1	2462	30~26500	-2.91	-41.11	≤-22.91	PASS
11G	Ant1	2412	30~26500	-5.13	-41.22	≤-25.13	PASS
11G	Ant1	2437	30~26500	-5.01	-41.73	≤-25.01	PASS
11G	Ant1	2462	30~26500	-4.72	-42.44	≤-24.72	PASS
11N20SISO	Ant1	2412	30~26500	-5.71	-40.82	≤-25.71	PASS
11N20SISO	Ant1	2437	30~26500	-5.02	-41.94	≤-25.02	PASS
11N20SISO	Ant1	2462	30~26500	-4.80	-42.04	≤-24.80	PASS
11N40SISO	Ant1	2422	30~26500	-7.42	-42.44	≤-27.42	PASS
11N40SISO	Ant1	2437	30~26500	-7.25	-42.05	≤-27.25	PASS
11N40SISO	Ant1	2452	30~26500	-7.72	-42.08	≤-27.72	PASS

Test Graphs





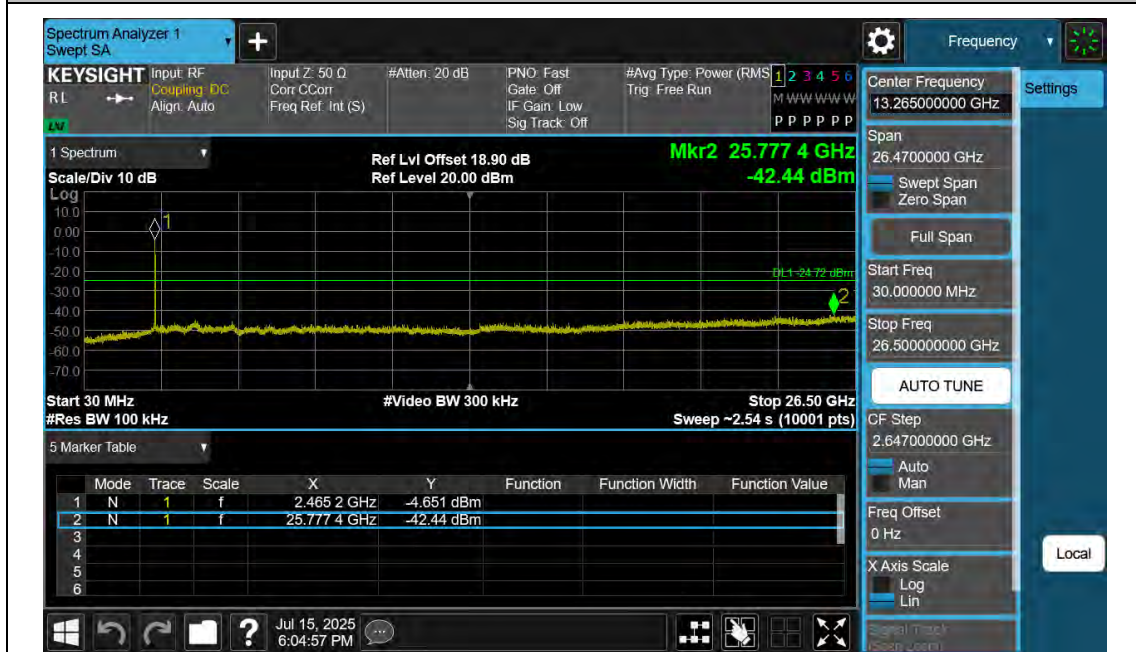
11G-Ant1-2412-30~26500-PASS



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



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



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



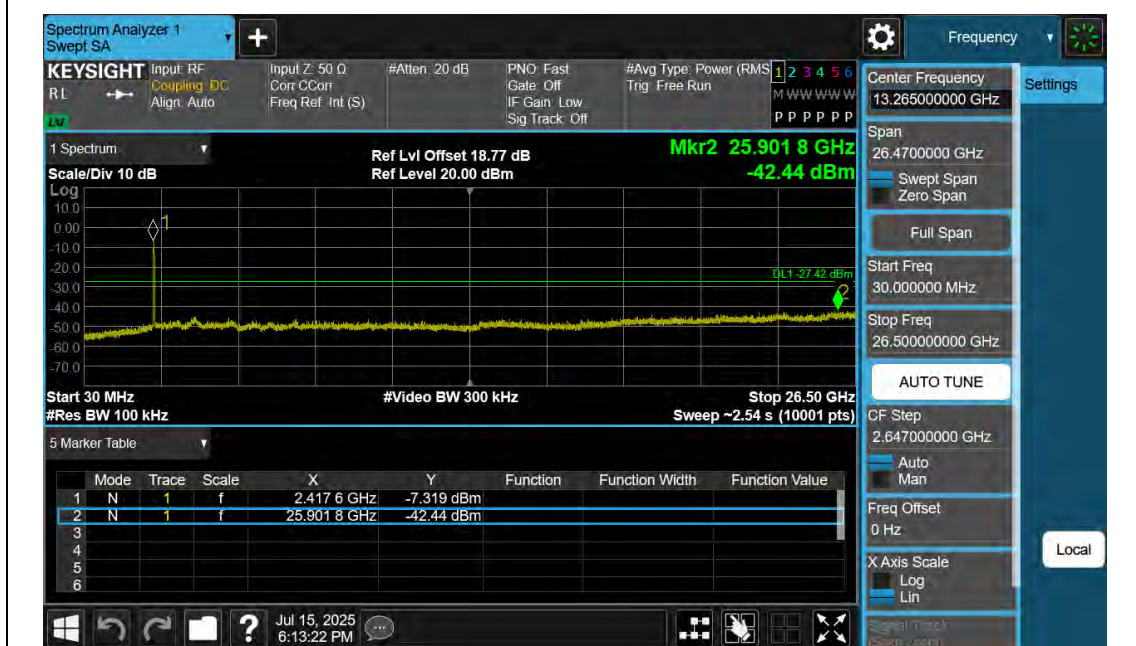
11N20SISO-Ant1-2437-30~26500-PASS



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



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



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



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

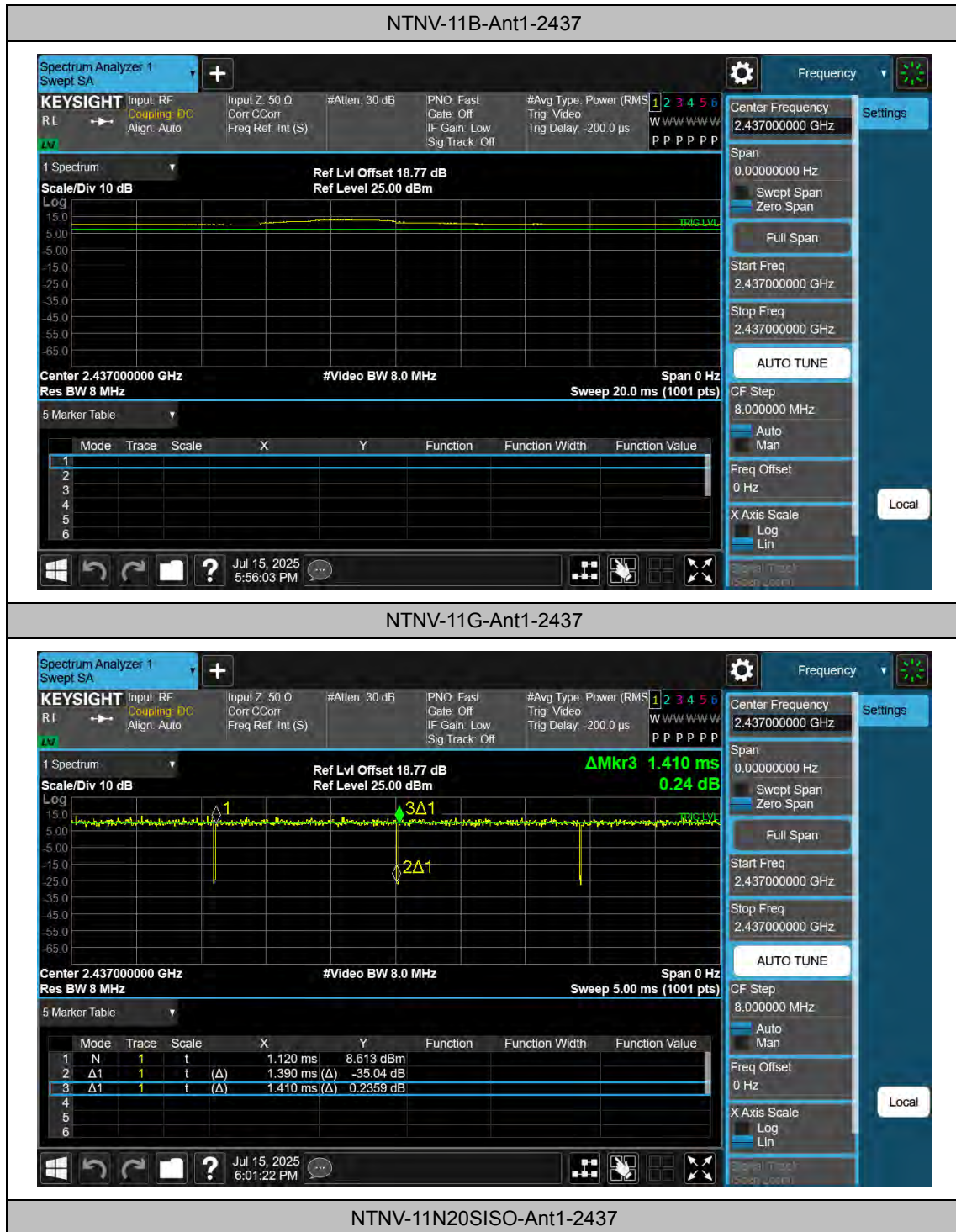


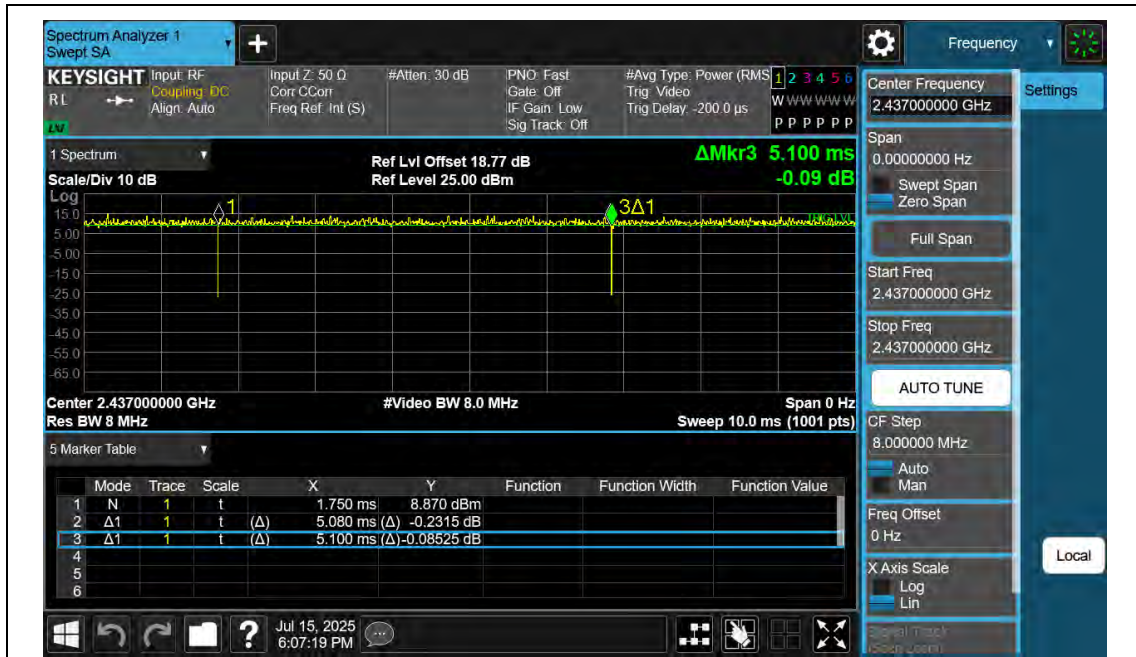
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	20.00	20.00	100.00
11G	Ant1	2437	1.39	1.41	98.58
11N20SISO	Ant1	2437	5.08	5.10	99.61
11N40SISO	Ant1	2437	2.46	3.12	78.85

Test Graphs





NTNV-11N40SISO-Ant1-2437

