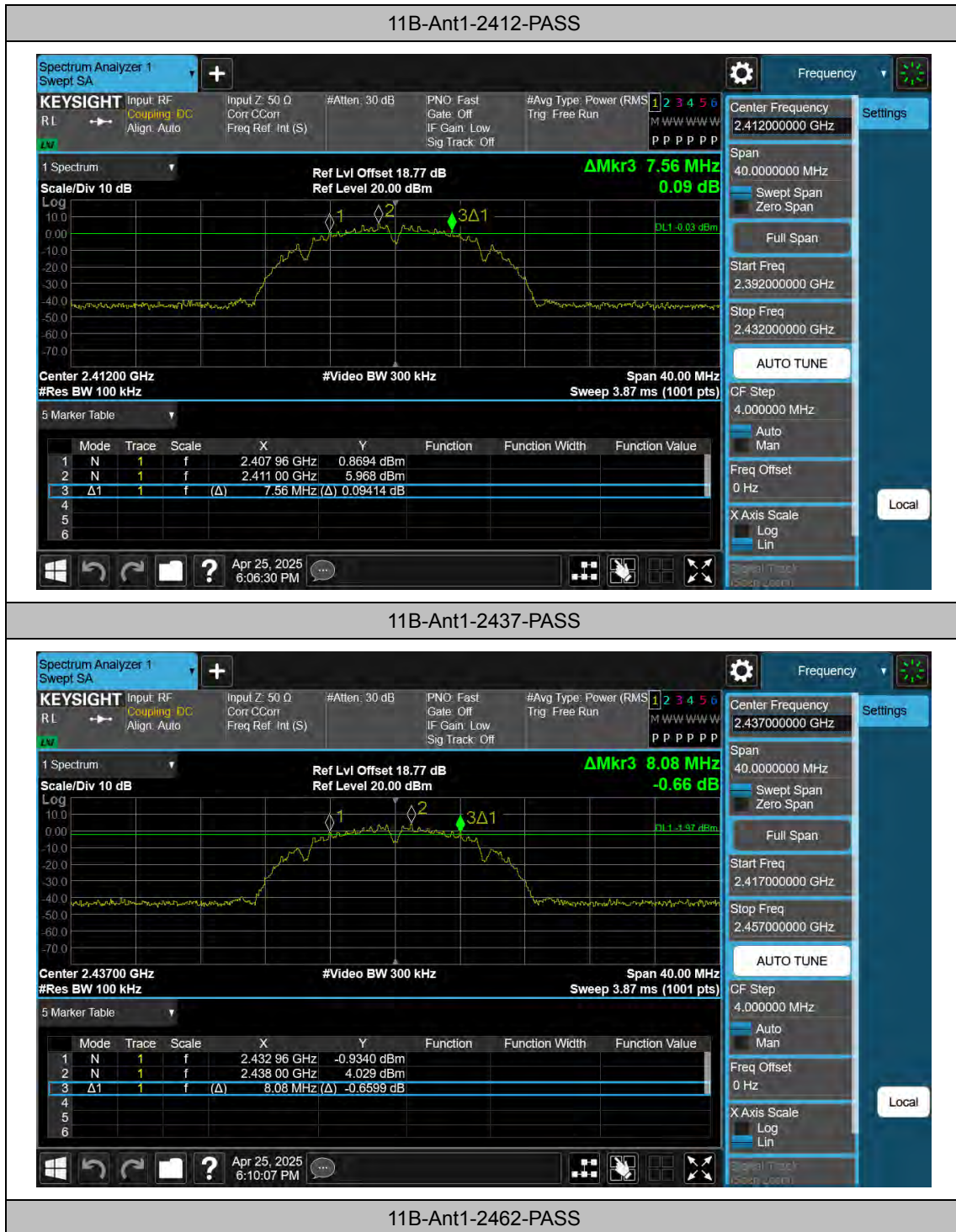


Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.560	2407.960	2415.520	0.5	PASS
11B	Ant1	2437	8.080	2432.960	2441.040	0.5	PASS
11B	Ant1	2462	7.560	2457.960	2465.520	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
11G	Ant1	2437	15.040	2429.240	2444.280	0.5	PASS
11G	Ant1	2462	15.040	2454.200	2469.240	0.5	PASS
11N20SISO	Ant1	2412	15.440	2404.440	2419.880	0.5	PASS
11N20SISO	Ant1	2437	14.400	2429.120	2443.520	0.5	PASS
11N20SISO	Ant1	2462	15.600	2454.160	2469.760	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
11N40SISO	Ant1	2437	32.400	2419.560	2451.960	0.5	PASS
11N40SISO	Ant1	2452	30.080	2436.960	2467.040	0.5	PASS
11AX20SISO	Ant1	2412	16.480	2404.480	2420.960	0.5	PASS
11AX20SISO	Ant1	2437	18.200	2427.680	2445.880	0.5	PASS
11AX20SISO	Ant1	2462	14.280	2455.280	2469.560	0.5	PASS
11AX40SISO	Ant1	2422	27.920	2406.960	2434.880	0.5	PASS
11AX40SISO	Ant1	2437	29.520	2422.200	2451.720	0.5	PASS
11AX40SISO	Ant1	2452	33.280	2436.240	2469.520	0.5	PASS

Test Graphs





11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



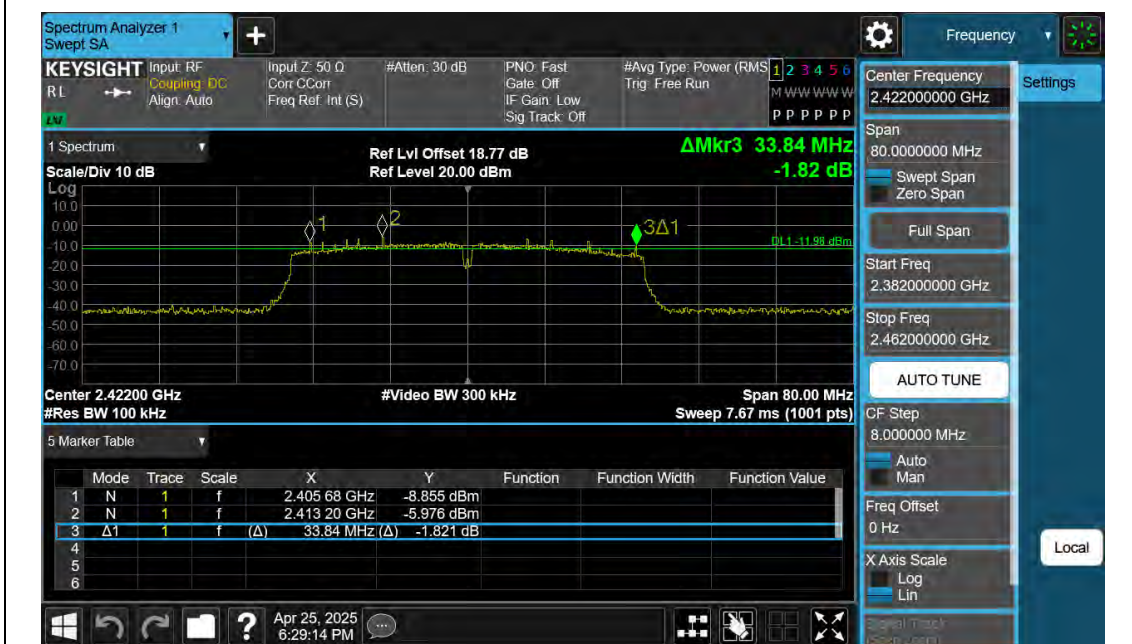
11N20SISO-Ant1-2437-PASS



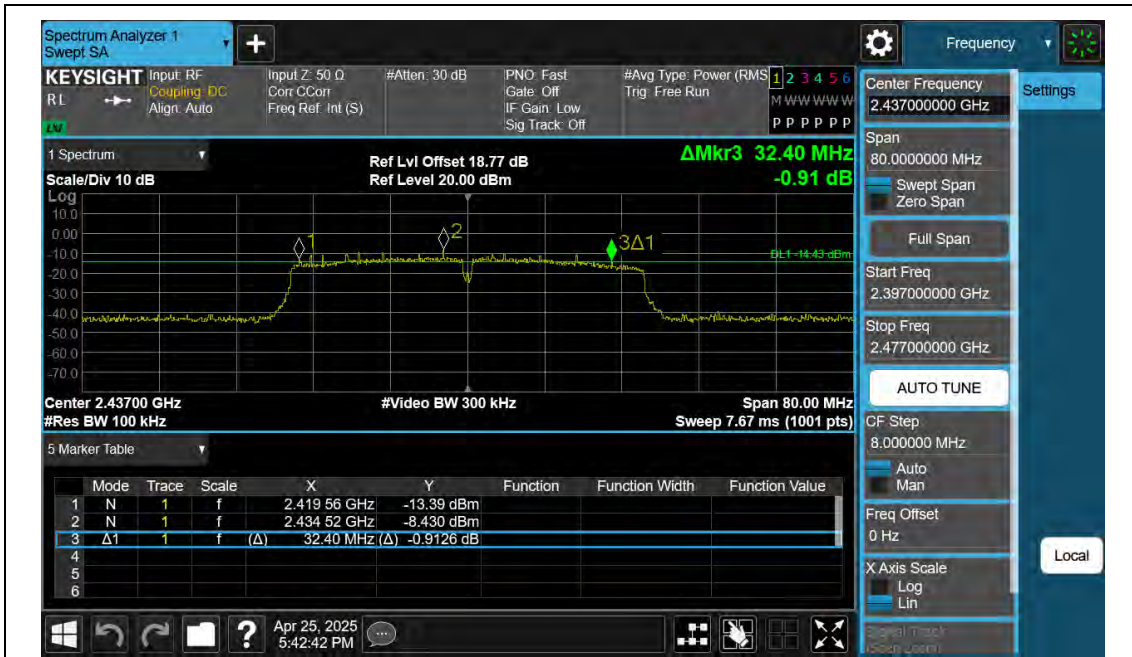
11N20SISO-Ant1-2462-PASS



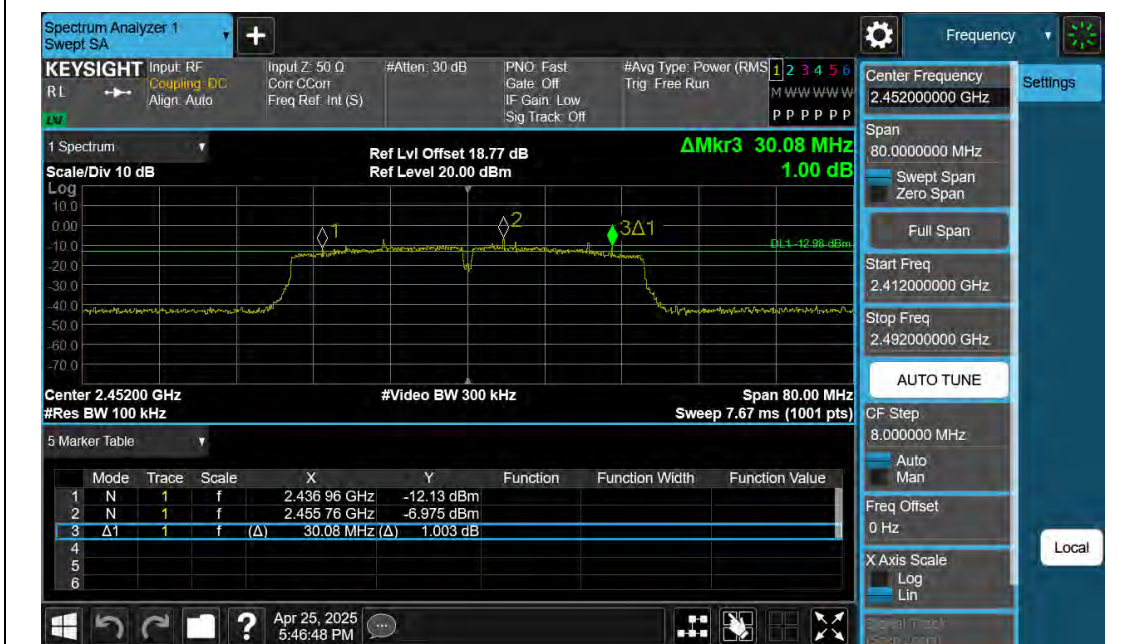
11N40SISO-Ant1-2422-PASS



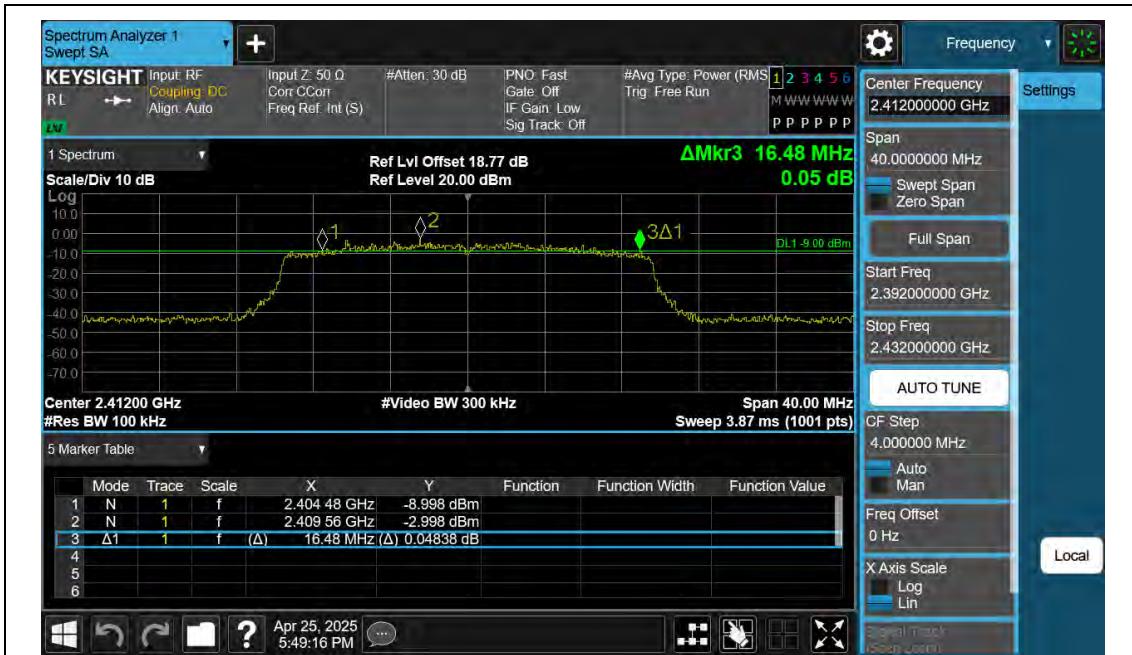
11N40SISO-Ant1-2437-PASS



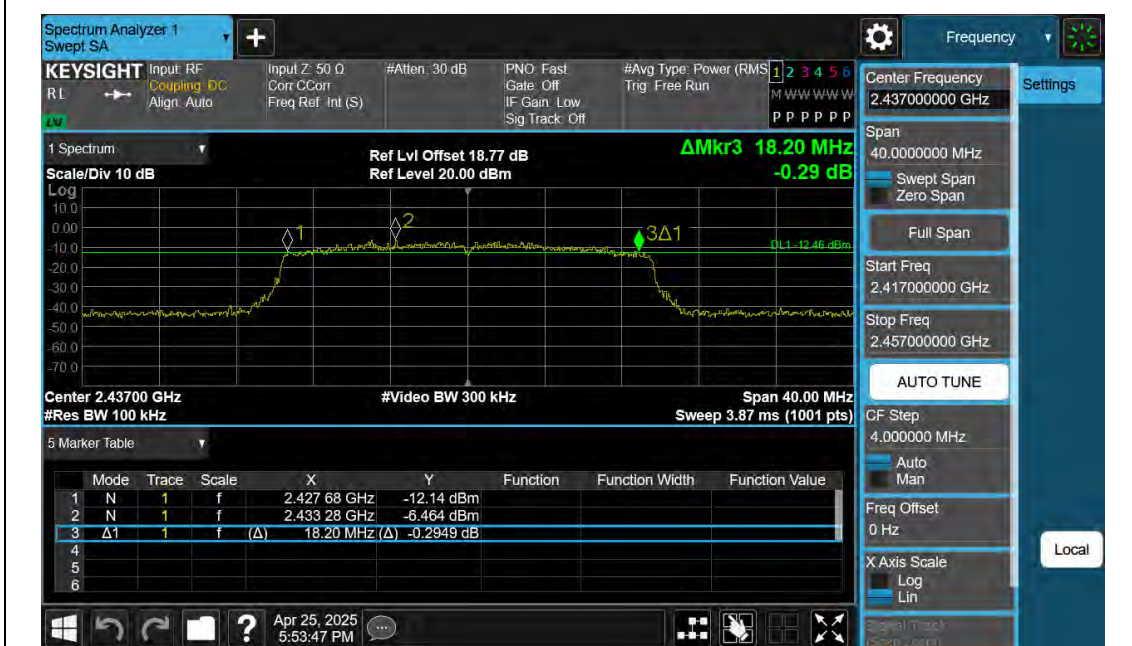
11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS



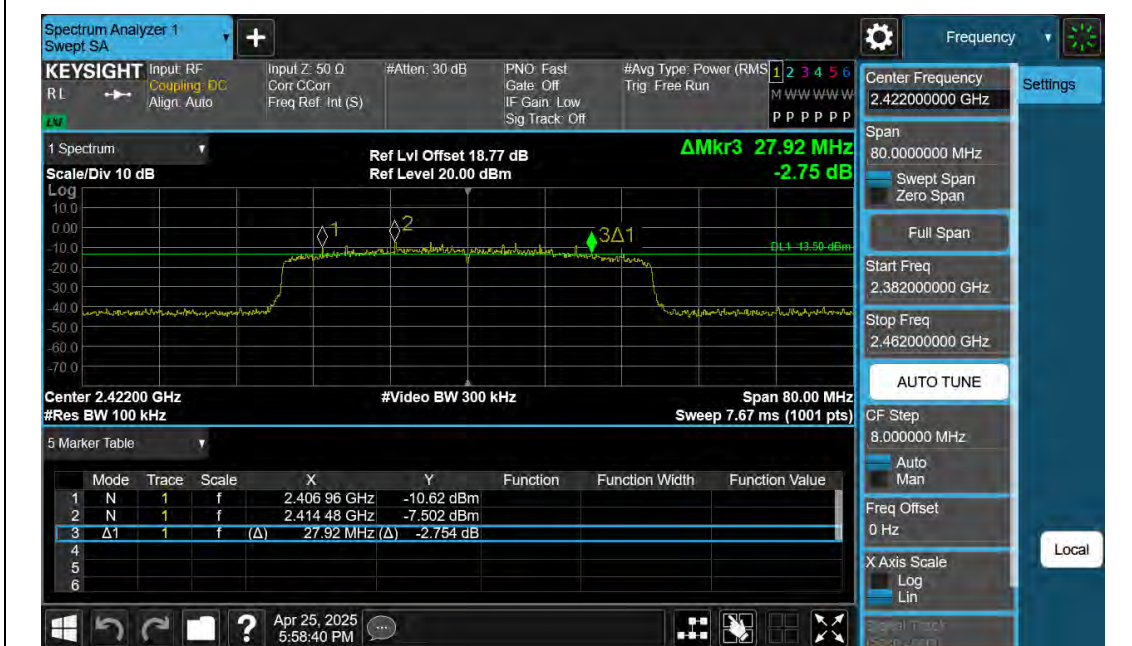
11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SiSO-Ant1-2452-PASS



Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	15.38	≤30.00	PASS
11B	Ant1	2437	14.74	≤30.00	PASS
11B	Ant1	2462	14.81	≤30.00	PASS
11G	Ant1	2412	16.06	≤30.00	PASS
11G	Ant1	2437	15.72	≤30.00	PASS
11G	Ant1	2462	15.38	≤30.00	PASS
11N20SISO	Ant1	2412	15.80	≤30.00	PASS
11N20SISO	Ant1	2437	15.36	≤30.00	PASS
11N20SISO	Ant1	2462	16.23	≤30.00	PASS
11N40SISO	Ant1	2422	15.17	≤30.00	PASS
11N40SISO	Ant1	2437	14.39	≤30.00	PASS
11N40SISO	Ant1	2452	13.73	≤30.00	PASS
11AX20SISO	Ant1	2412	14.98	≤30.00	PASS
11AX20SISO	Ant1	2437	14.97	≤30.00	PASS
11AX20SISO	Ant1	2462	15.43	≤30.00	PASS
11AX40SISO	Ant1	2422	14.53	≤30.00	PASS
11AX40SISO	Ant1	2437	15.03	≤30.00	PASS
11AX40SISO	Ant1	2452	14.88	≤30.00	PASS

Test Graphs Peak





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



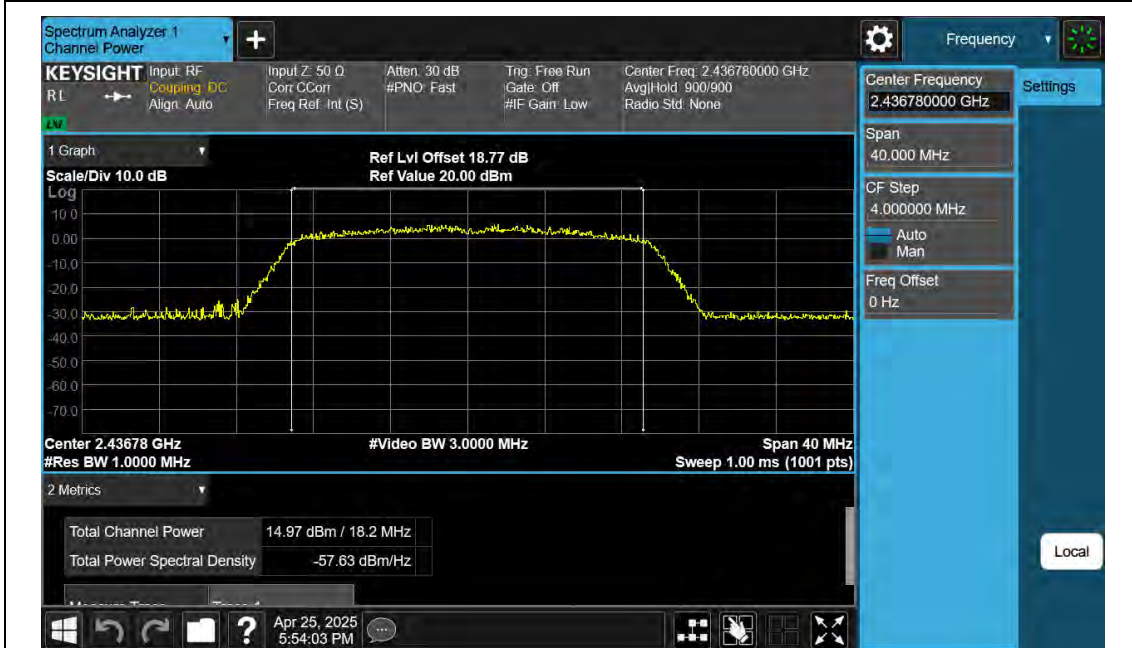
11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS



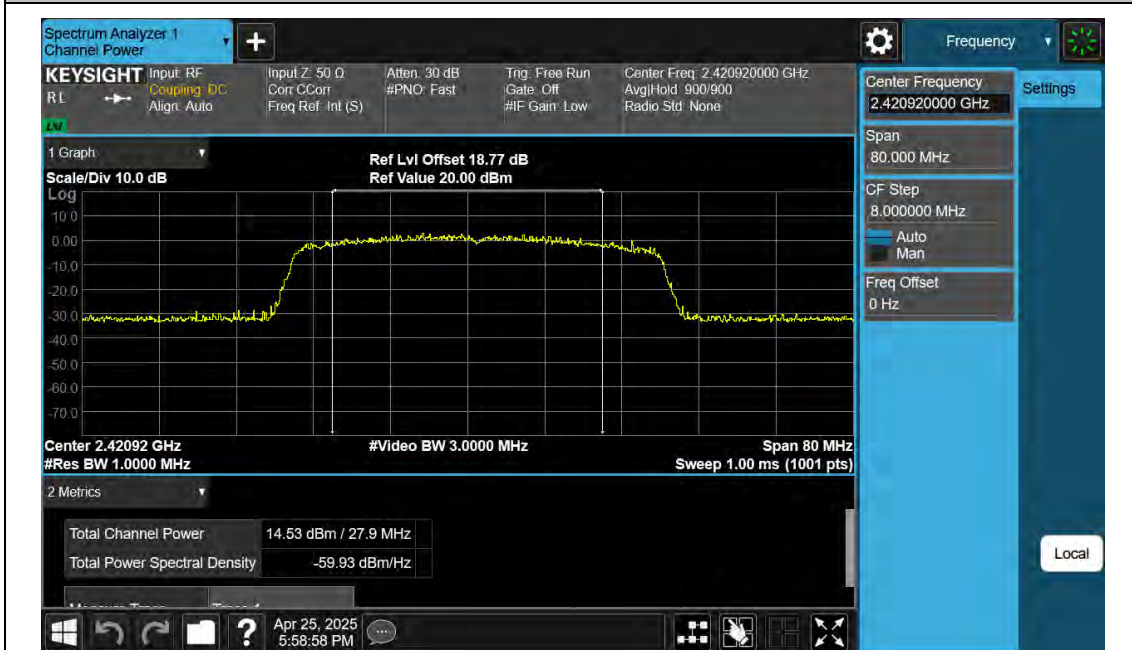
11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS



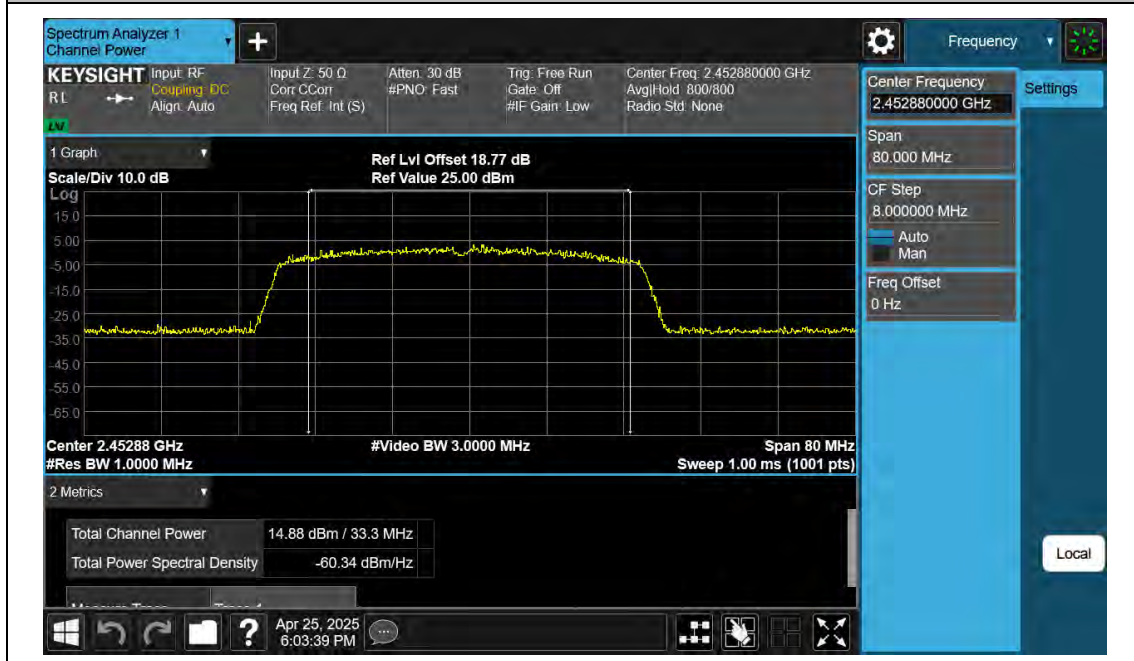
11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



11AX40SISO-Ant1-2452-PASS

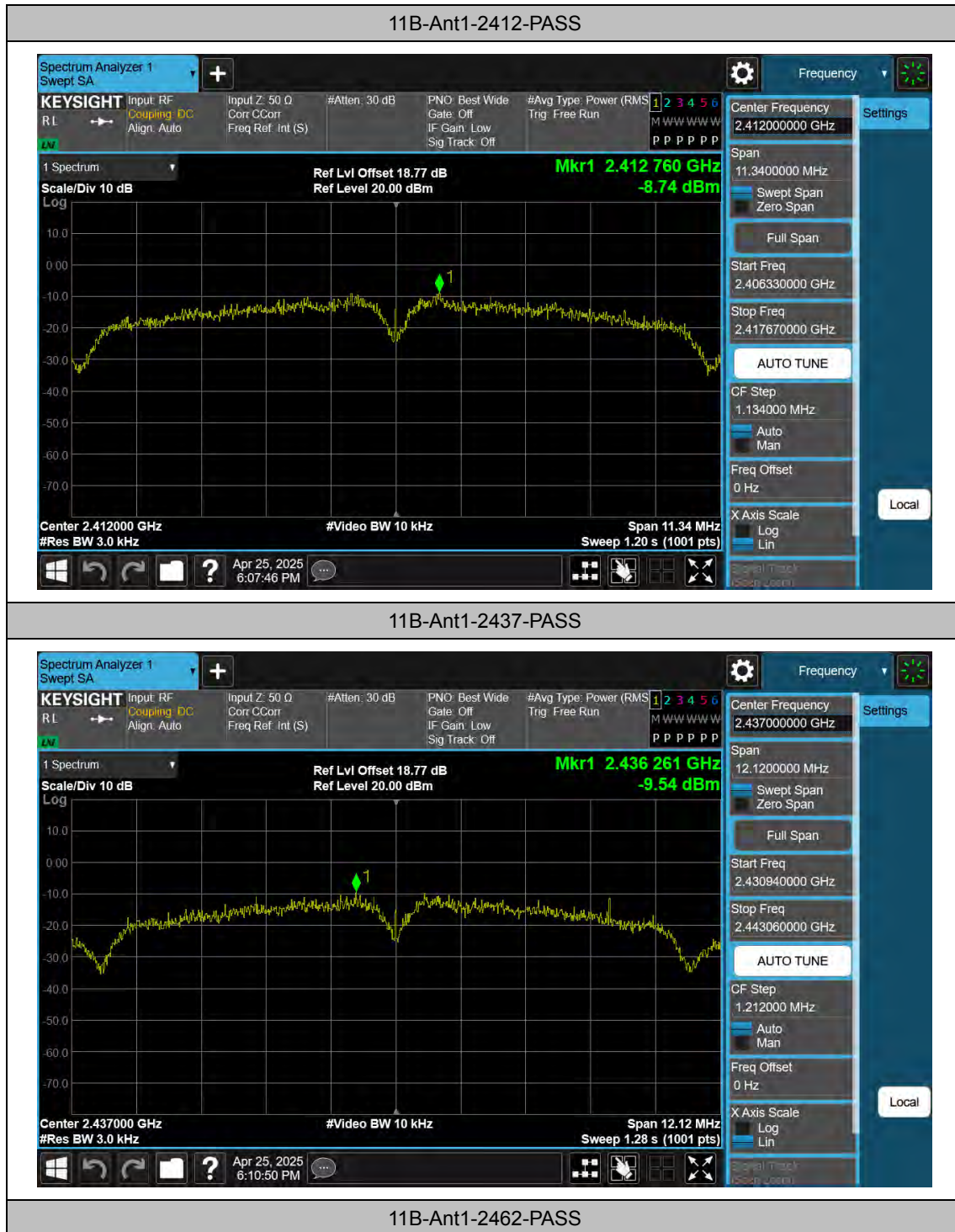


Appendix D: Maximum power spectral density

Test Result

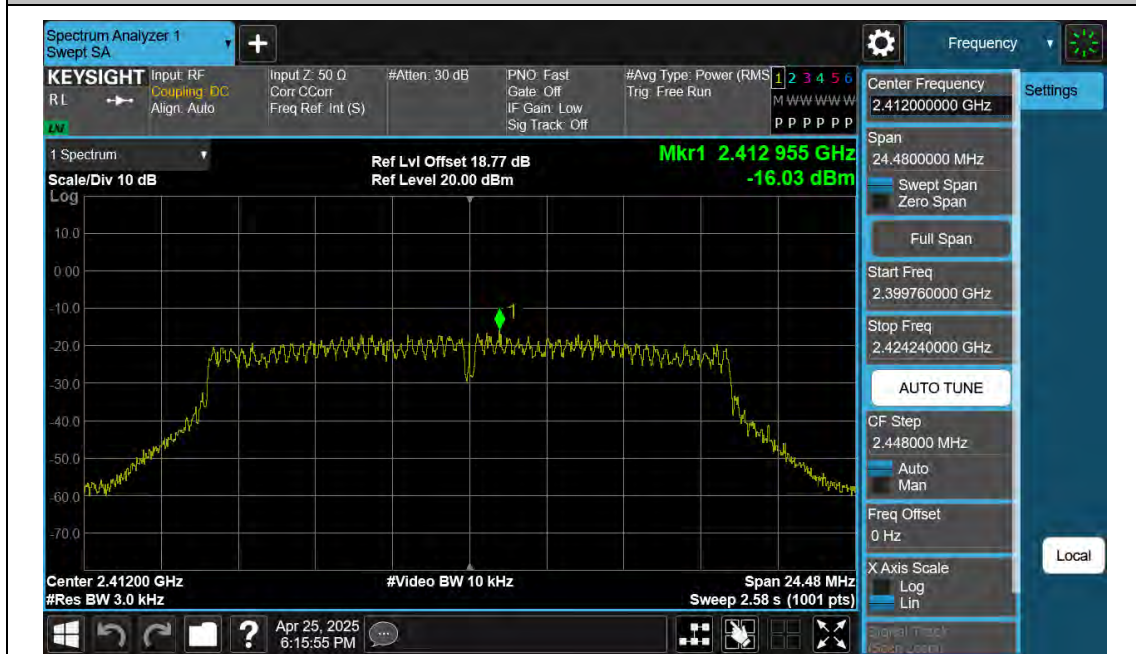
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.74	≤8.00	PASS
11B	Ant1	2437	-9.54	≤8.00	PASS
11B	Ant1	2462	-9.70	≤8.00	PASS
11G	Ant1	2412	-16.03	≤8.00	PASS
11G	Ant1	2437	-16.65	≤8.00	PASS
11G	Ant1	2462	-16.38	≤8.00	PASS
11N20SISO	Ant1	2412	-15.90	≤8.00	PASS
11N20SISO	Ant1	2437	-15.78	≤8.00	PASS
11N20SISO	Ant1	2462	-16.15	≤8.00	PASS
11N40SISO	Ant1	2422	-19.66	≤8.00	PASS
11N40SISO	Ant1	2437	-20.77	≤8.00	PASS
11N40SISO	Ant1	2452	-20.70	≤8.00	PASS
11AX20SISO	Ant1	2412	-18.09	≤8.00	PASS
11AX20SISO	Ant1	2437	-19.41	≤8.00	PASS
11AX20SISO	Ant1	2462	-19.19	≤8.00	PASS
11AX40SISO	Ant1	2422	-21.50	≤8.00	PASS
11AX40SISO	Ant1	2437	-21.93	≤8.00	PASS
11AX40SISO	Ant1	2452	-22.42	≤8.00	PASS

Test Graphs

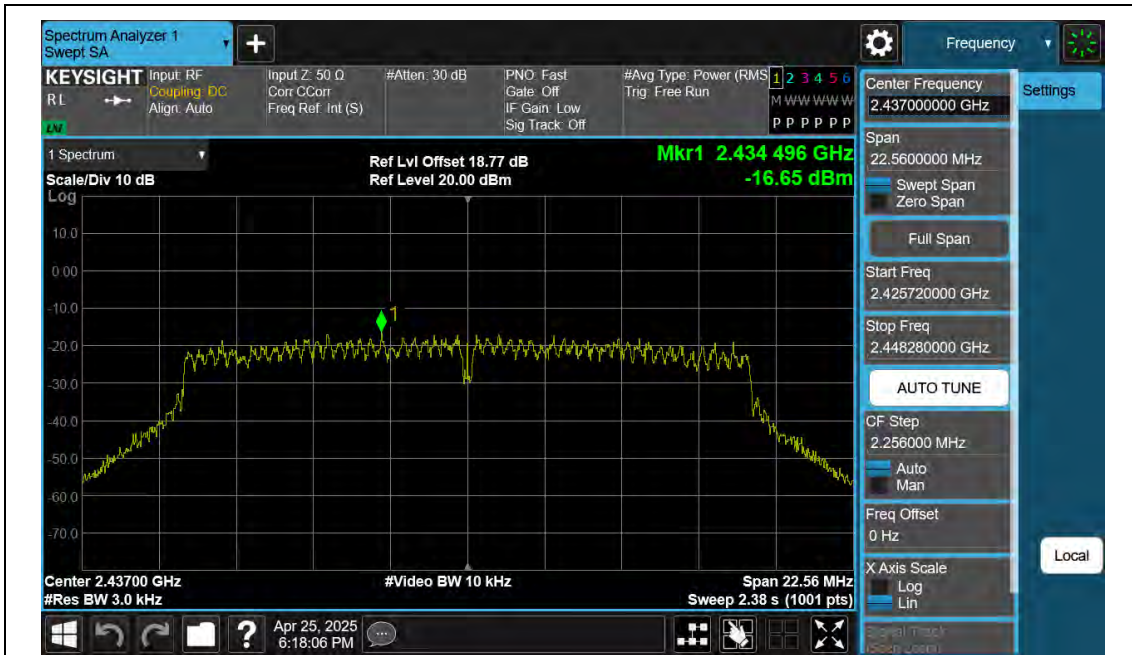




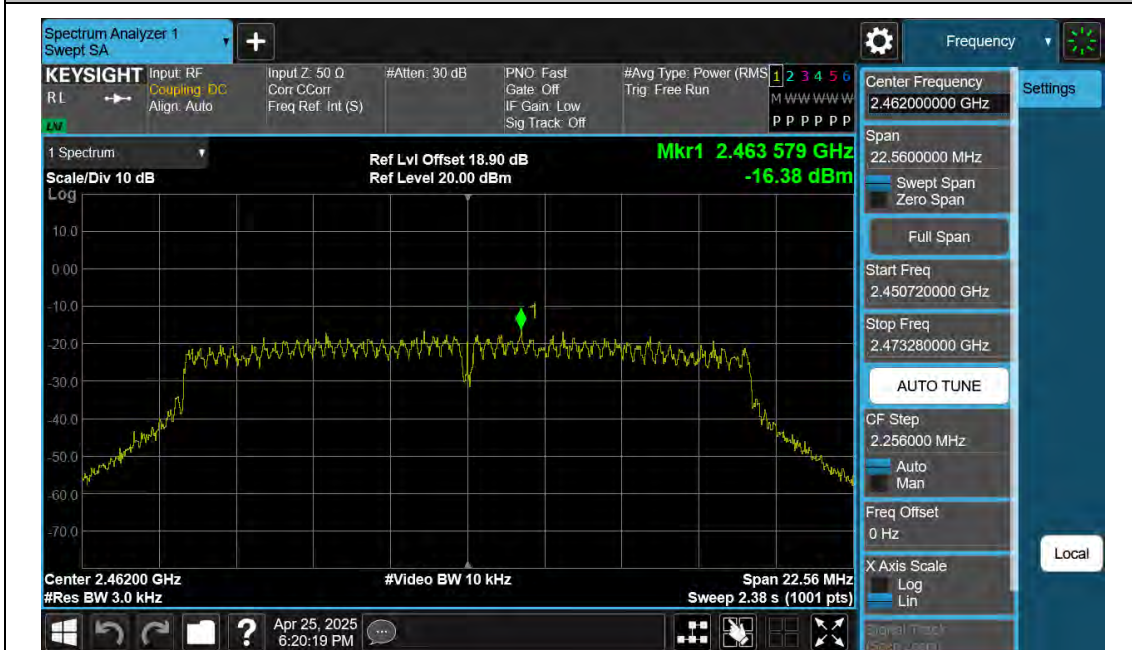
11G-Ant1-2412-PASS



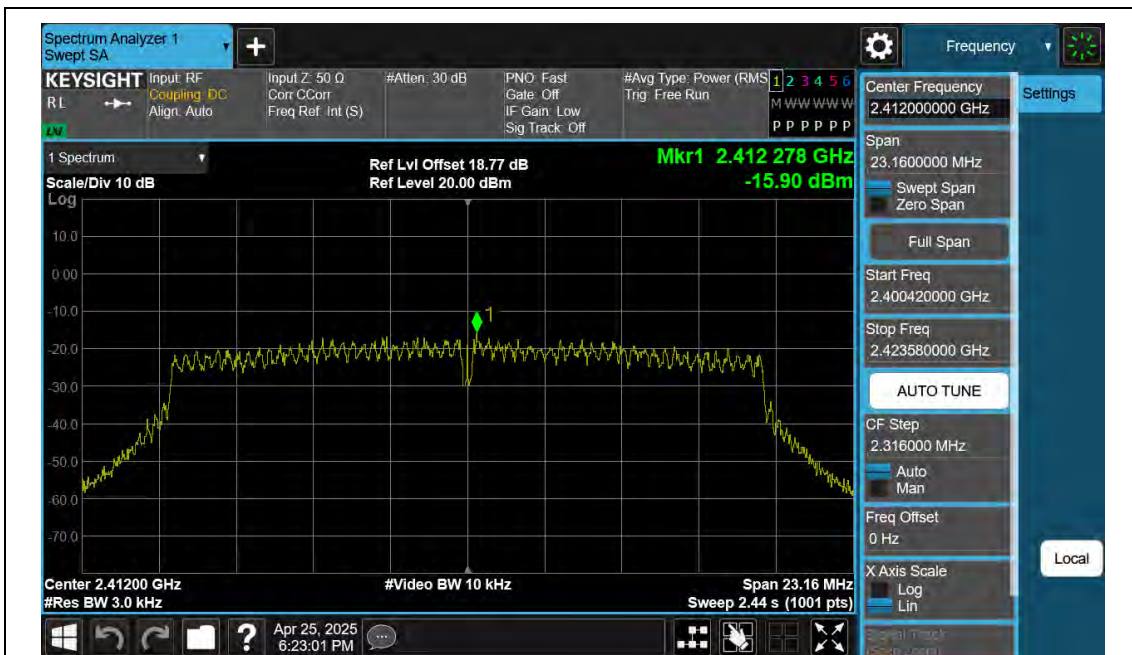
11G-Ant1-2437-PASS



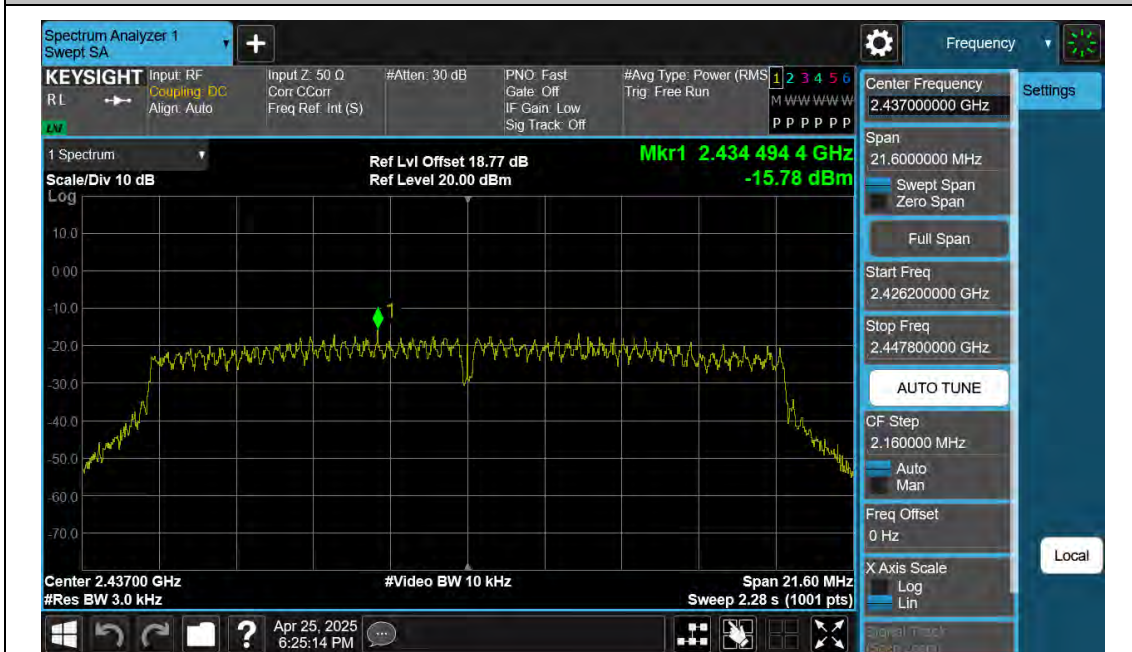
11G-Ant1-2462-PASS



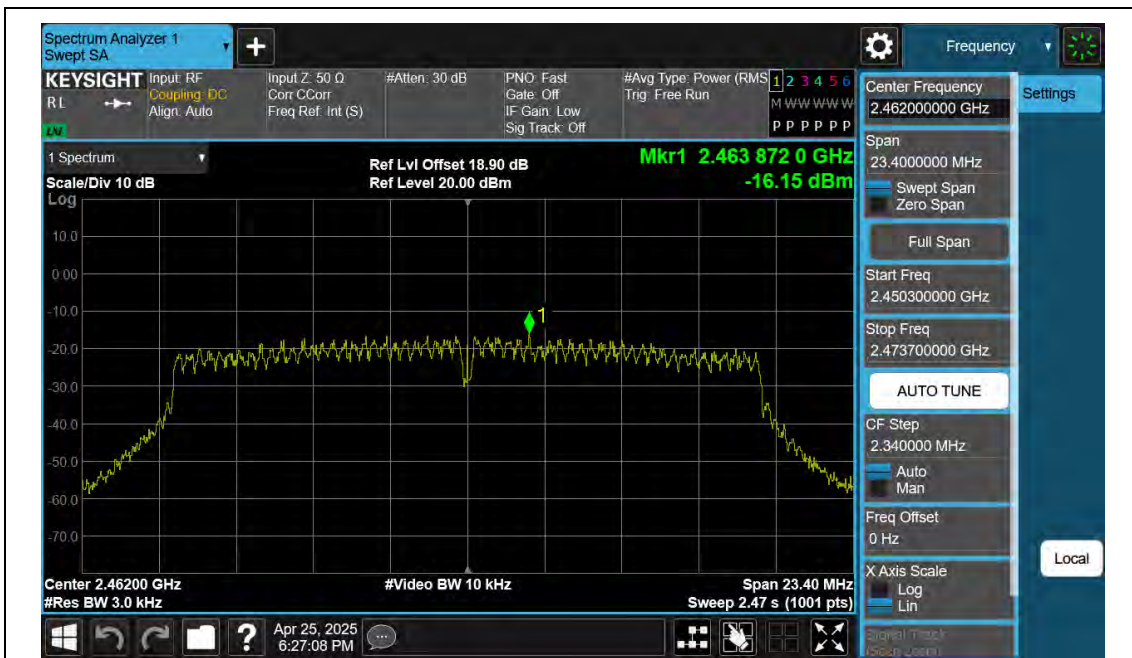
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



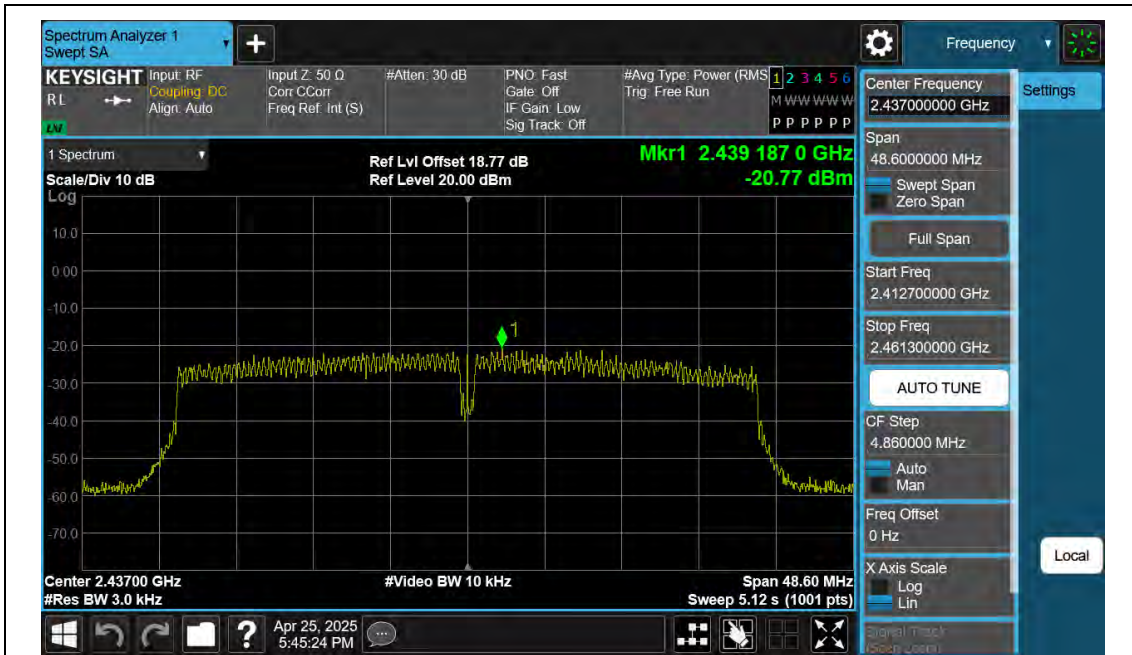
11N20SISO-Ant1-2462-PASS



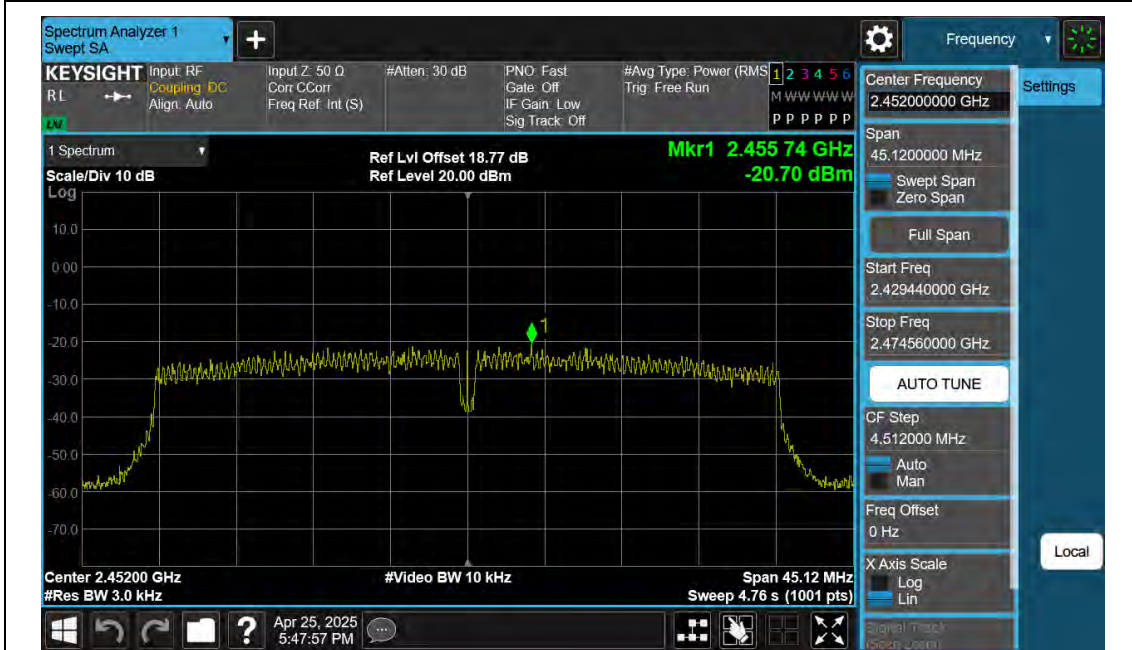
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



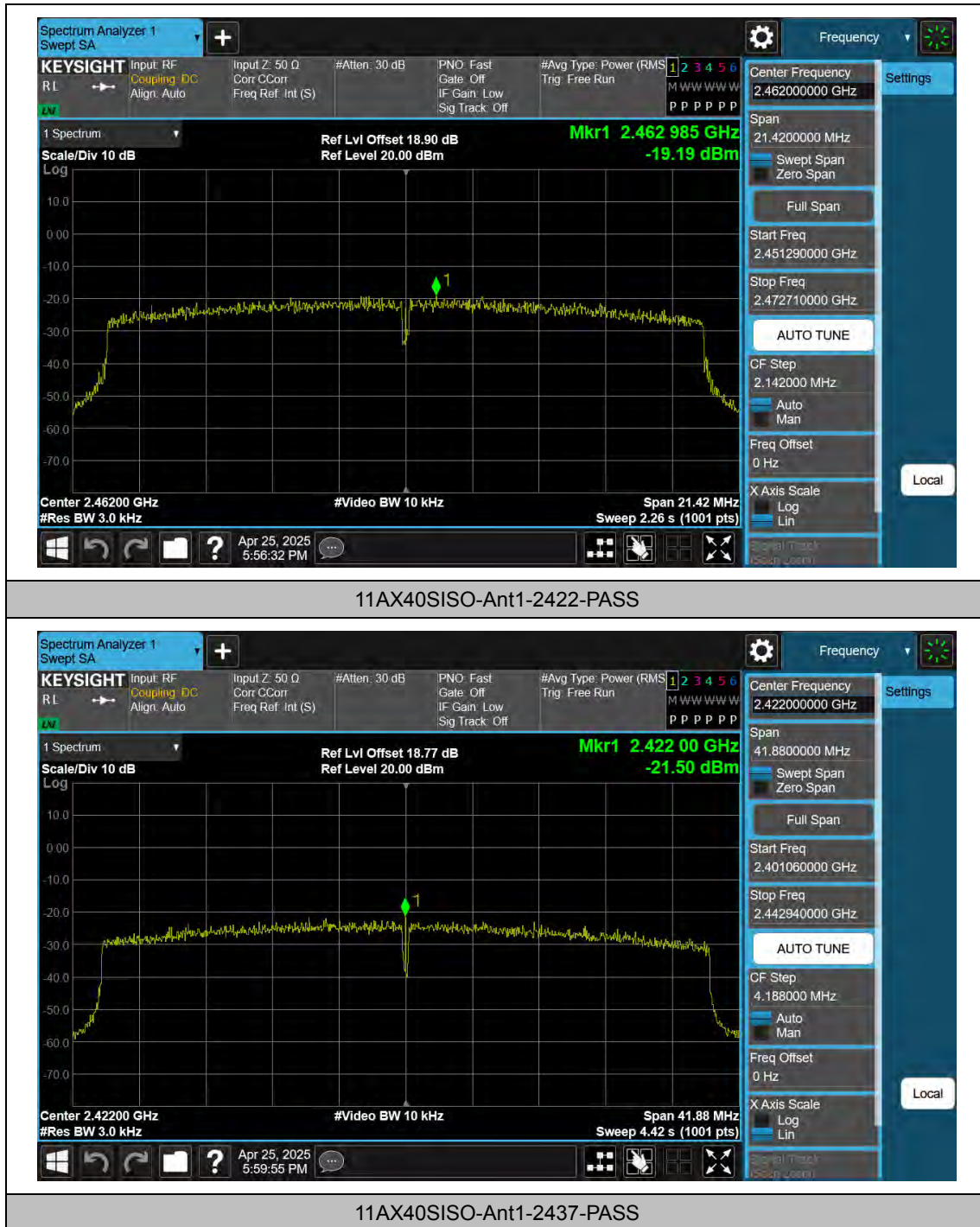
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS





11AX40SISO-Ant1-2452-PASS

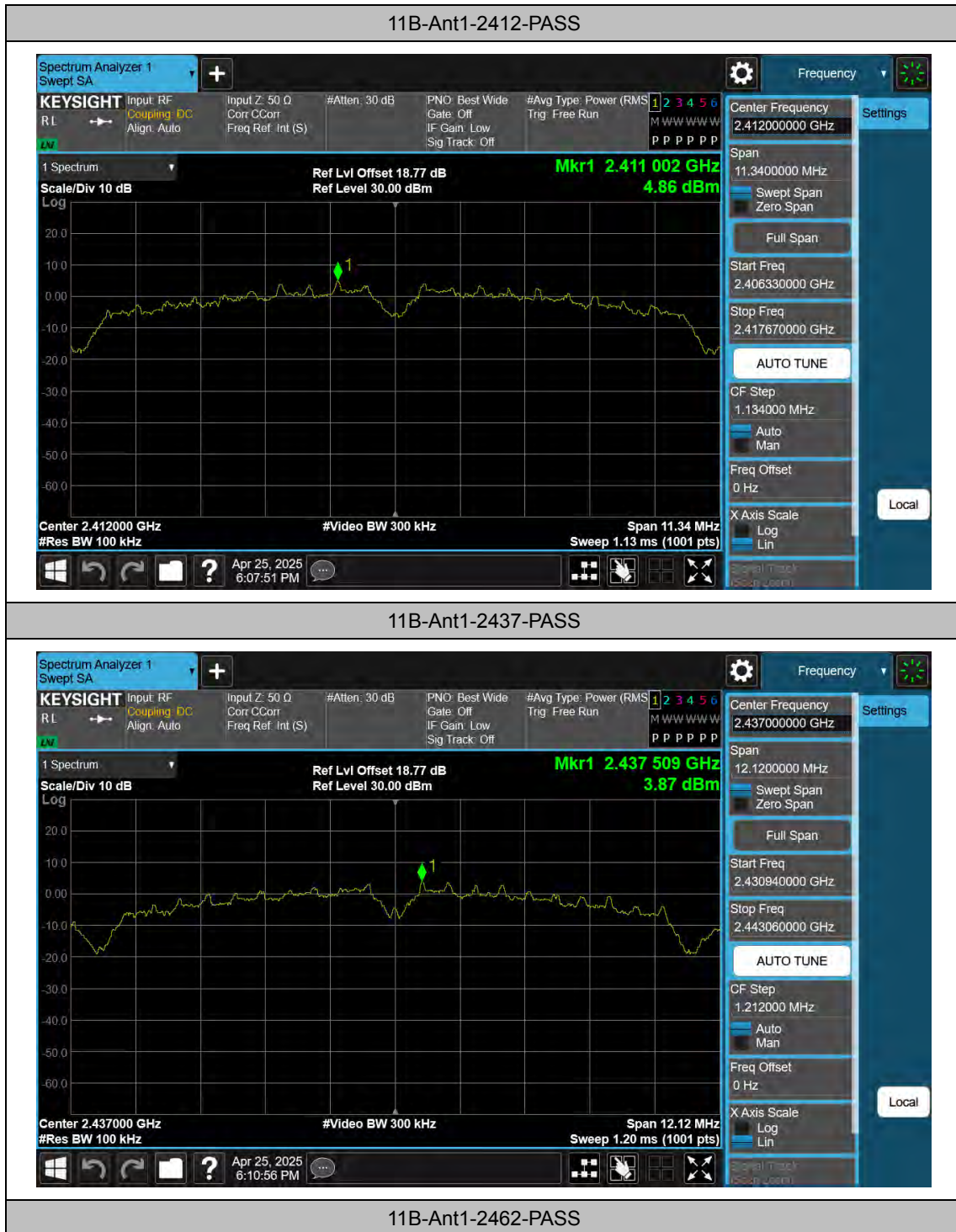


Appendix E: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.00	4.86
11B	Ant1	2437	2437.51	3.87
11B	Ant1	2462	2462.50	3.50
11G	Ant1	2412	2408.21	-3.27
11G	Ant1	2437	2435.71	-3.18
11G	Ant1	2462	2464.53	-3.01
11N20SISO	Ant1	2412	2409.48	-2.84
11N20SISO	Ant1	2437	2433.28	-3.55
11N20SISO	Ant1	2462	2460.74	-1.79
11N40SISO	Ant1	2422	2409.46	-7.48
11N40SISO	Ant1	2437	2439.53	-6.60
11N40SISO	Ant1	2452	2446.99	-7.06
11AX20SISO	Ant1	2412	2414.52	-4.40
11AX20SISO	Ant1	2437	2439.48	-5.04
11AX20SISO	Ant1	2462	2460.76	-4.37
11AX40SISO	Ant1	2422	2415.80	-7.84
11AX40SISO	Ant1	2437	2431.95	-7.79
11AX40SISO	Ant1	2452	2454.50	-7.20

Test Graphs





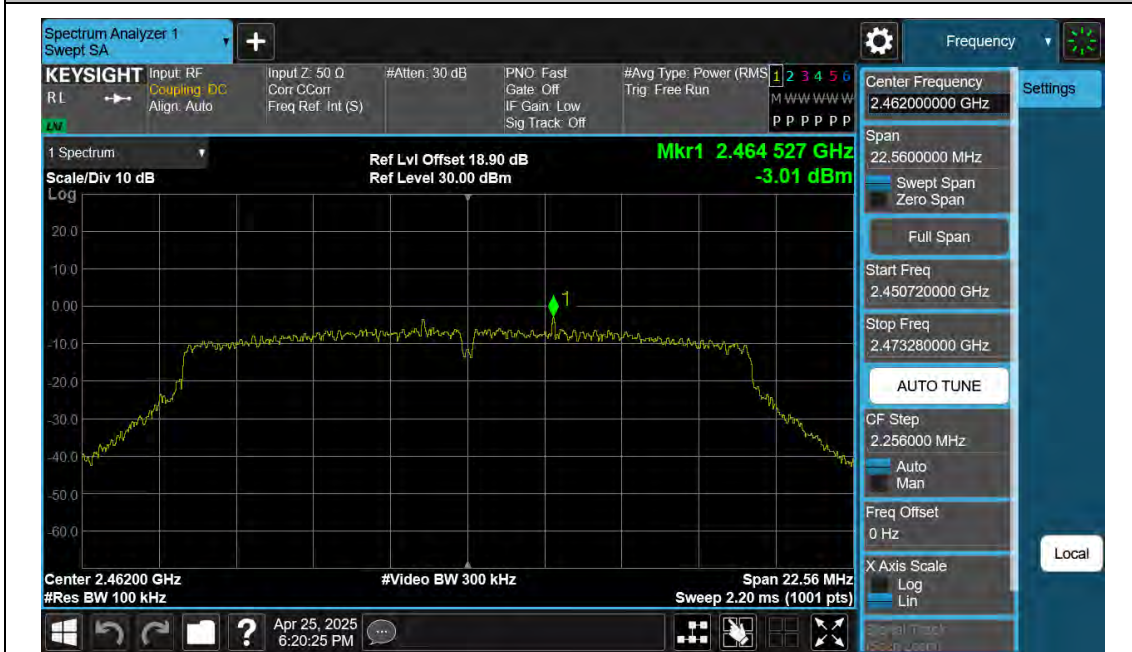
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



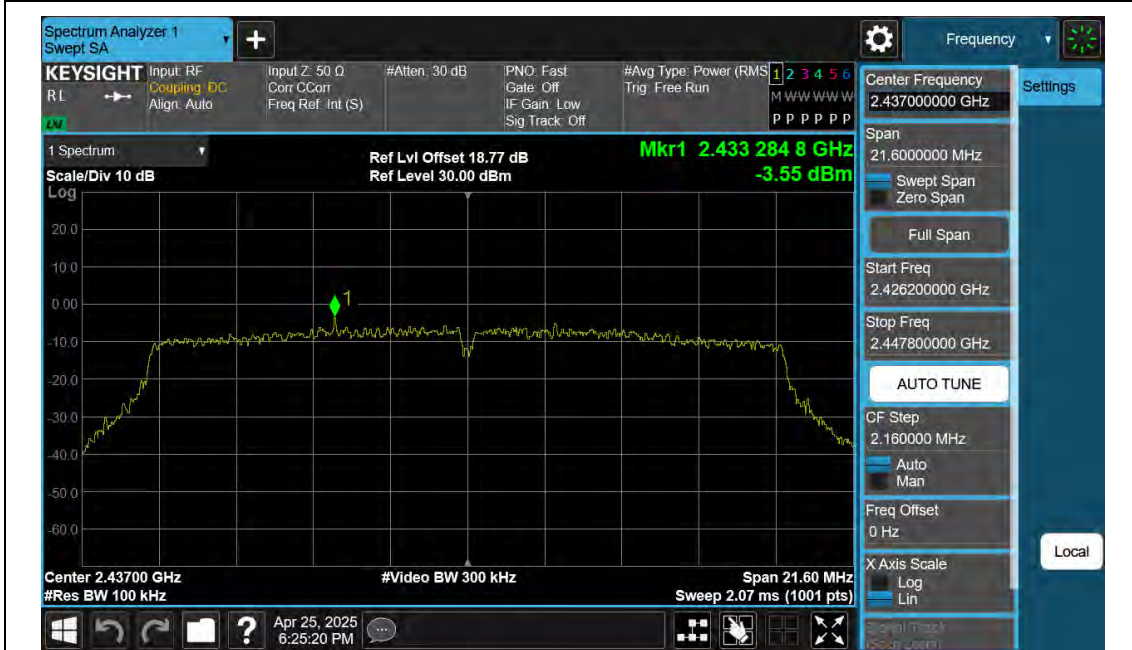
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



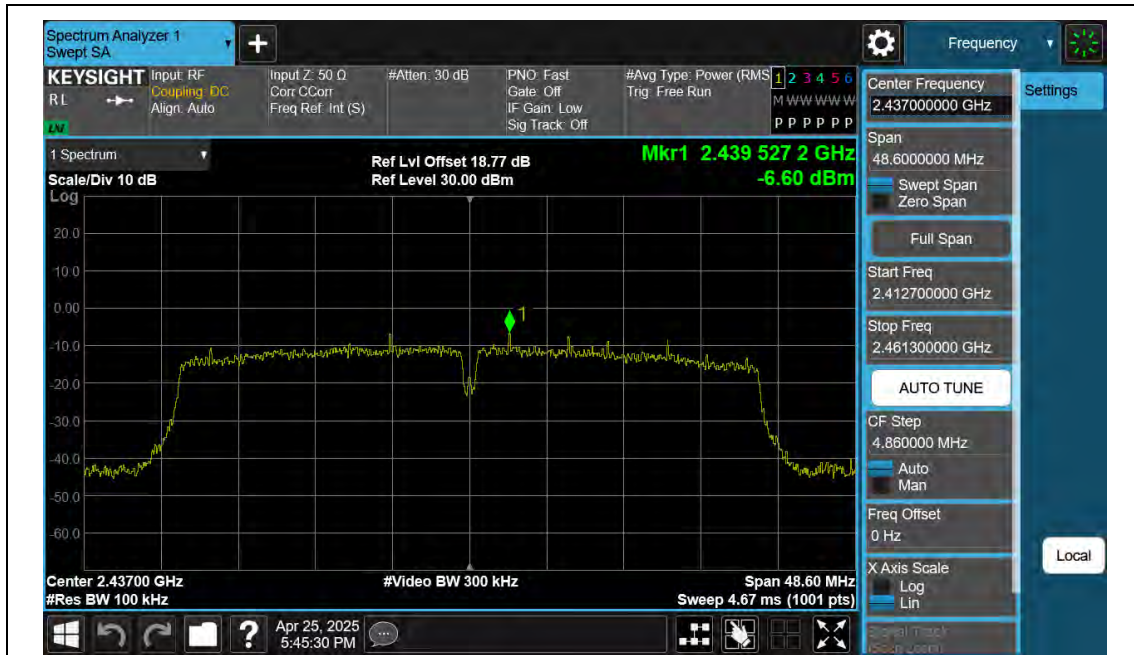
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS



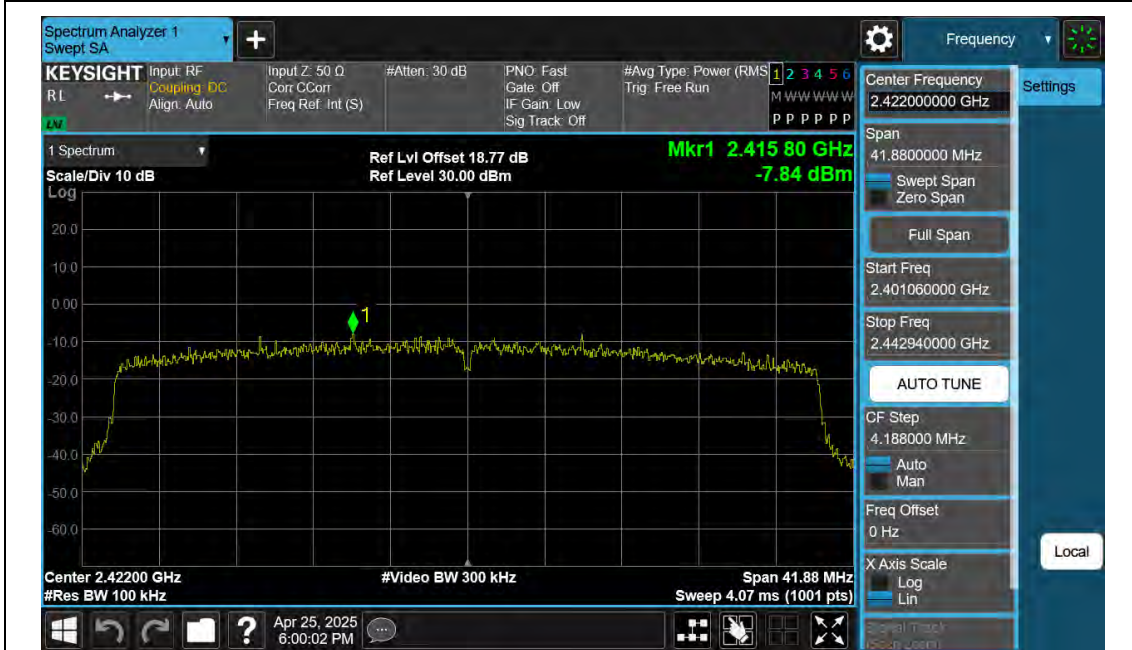
11AX20SISO-Ant1-2437-PASS



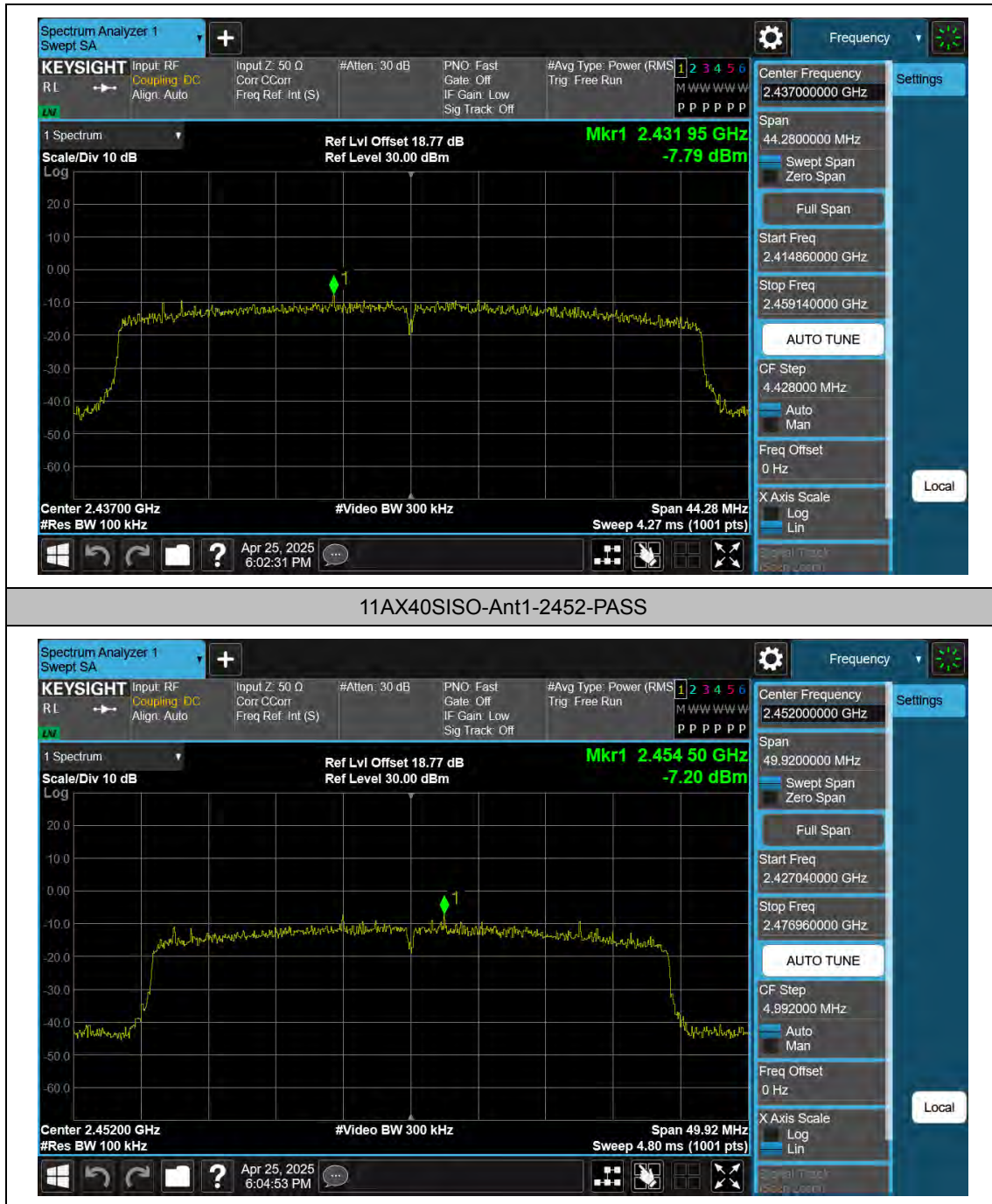
11AX20SISO-Ant1-2462-PASS



11AX40SISO-Ant1-2422-PASS



11AX40SISO-Ant1-2437-PASS



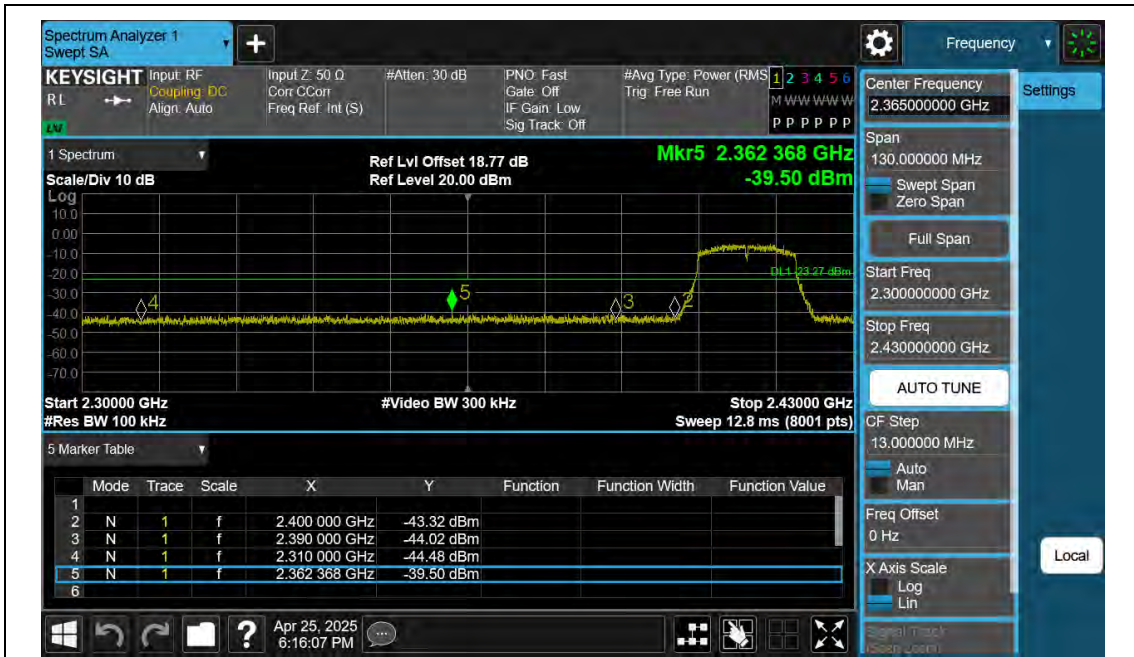
Appendix F: Band edge measurements

Test Result

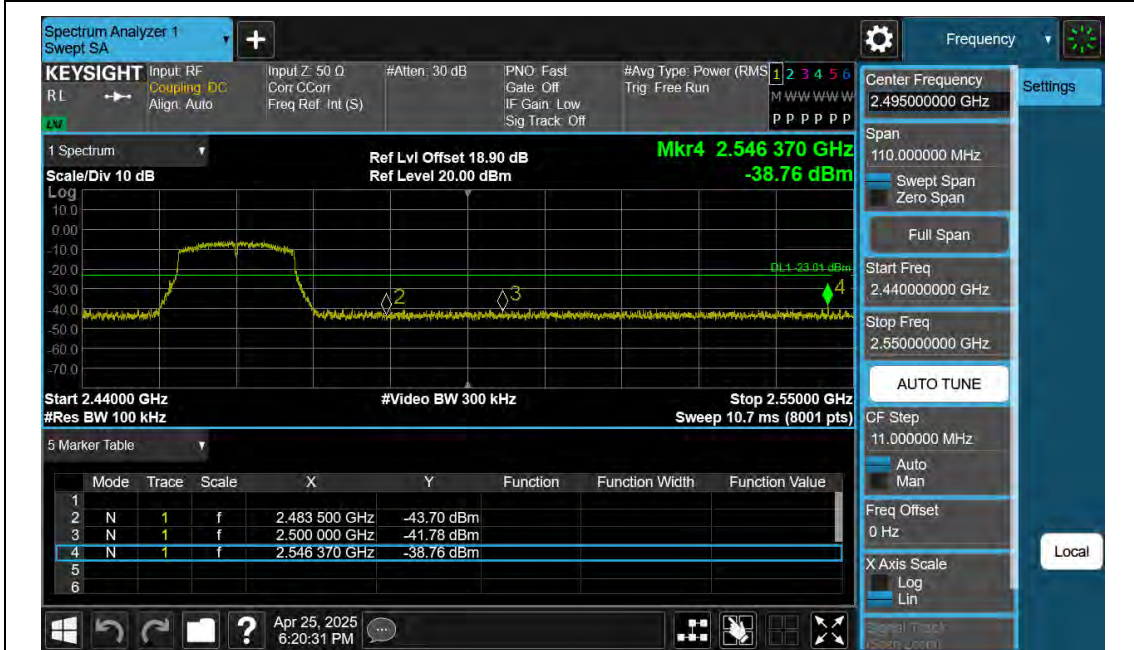
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.86	-39.75	≤ -15.14	PASS
11B	Ant1	High	2462	3.50	-40.36	≤ -16.5	PASS
11G	Ant1	Low	2412	-3.27	-39.51	≤ -23.27	PASS
11G	Ant1	High	2462	-3.01	-38.76	≤ -23.01	PASS
11N20SISO	Ant1	Low	2412	-2.84	-39.5	≤ -22.84	PASS
11N20SISO	Ant1	High	2462	-1.79	-39.56	≤ -21.79	PASS
11N40SISO	Ant1	Low	2422	-7.48	-39.71	≤ -27.48	PASS
11N40SISO	Ant1	High	2452	-7.06	-39.1	≤ -27.06	PASS
11AX20SISO	Ant1	Low	2412	-4.40	-40.2	≤ -24.4	PASS
11AX20SISO	Ant1	High	2462	-4.37	-39.66	≤ -24.37	PASS
11AX40SISO	Ant1	Low	2422	-7.84	-39.85	≤ -27.84	PASS
11AX40SISO	Ant1	High	2452	-7.20	-40.1	≤ -27.2	PASS

Test Graphs





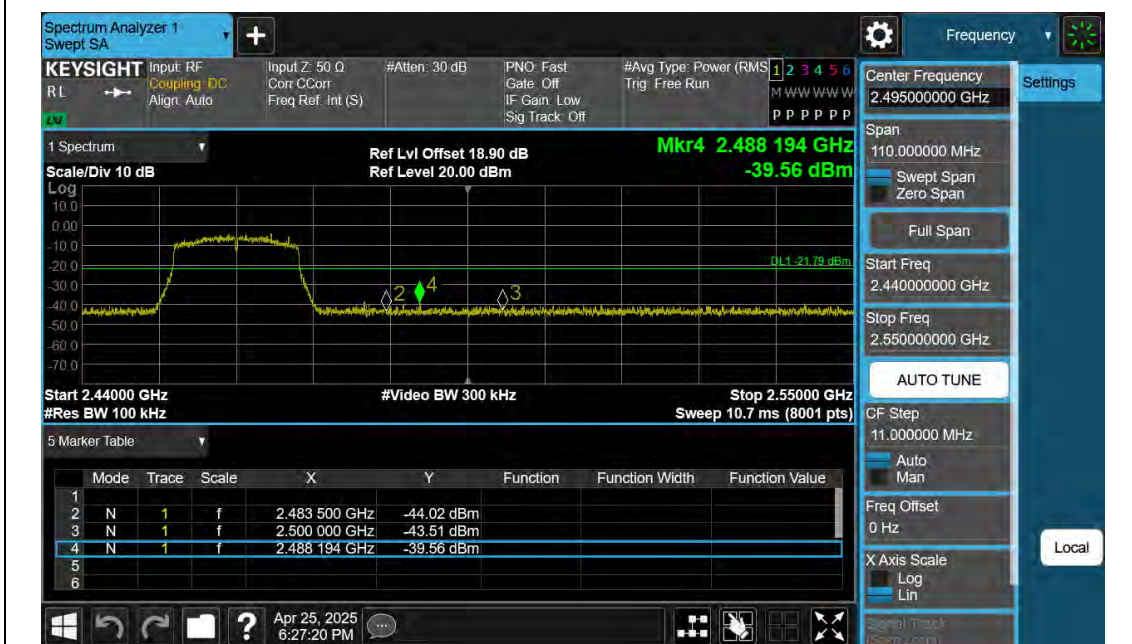
11G-Ant1-2462-PASS



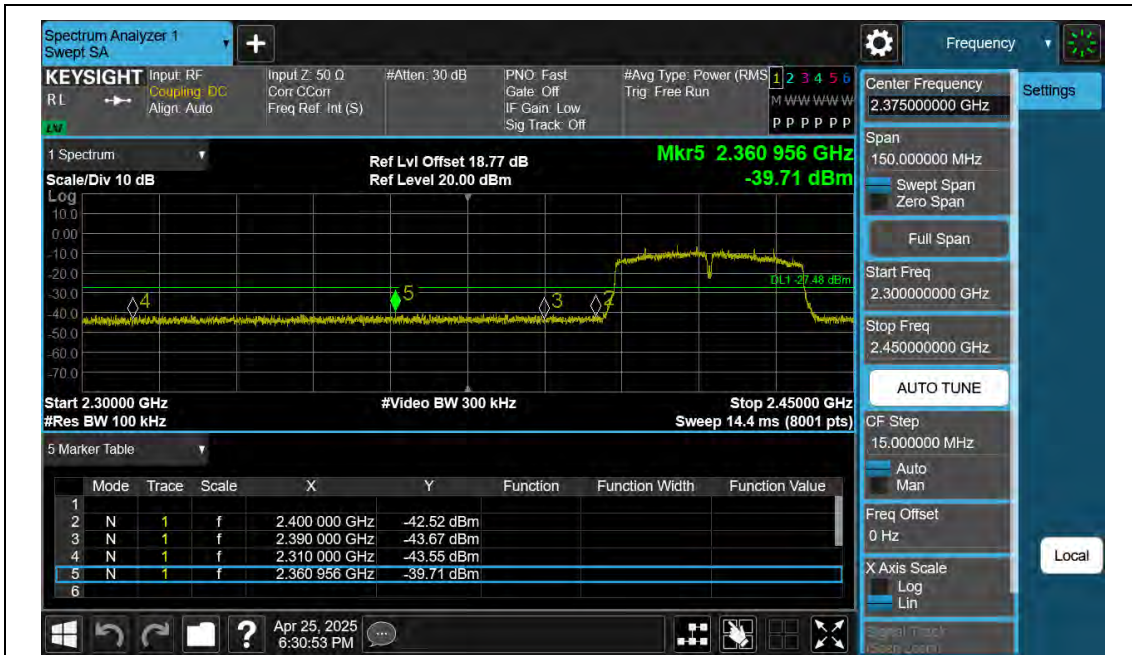
11N20SISO-Ant1-2412-PASS



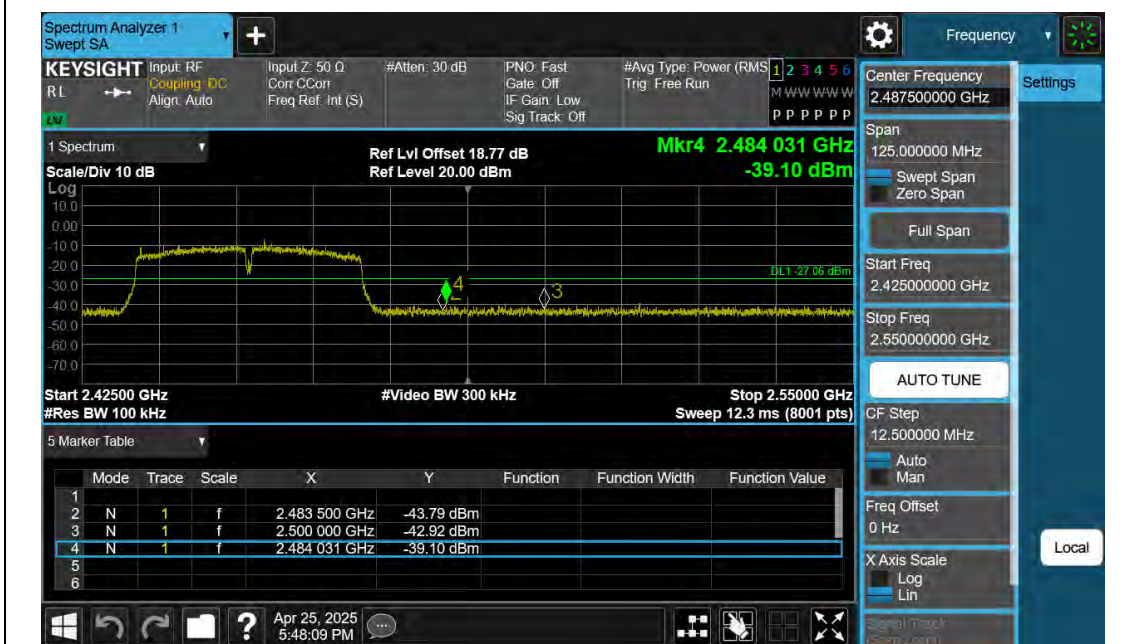
11N20SISO-Ant1-2462-PASS



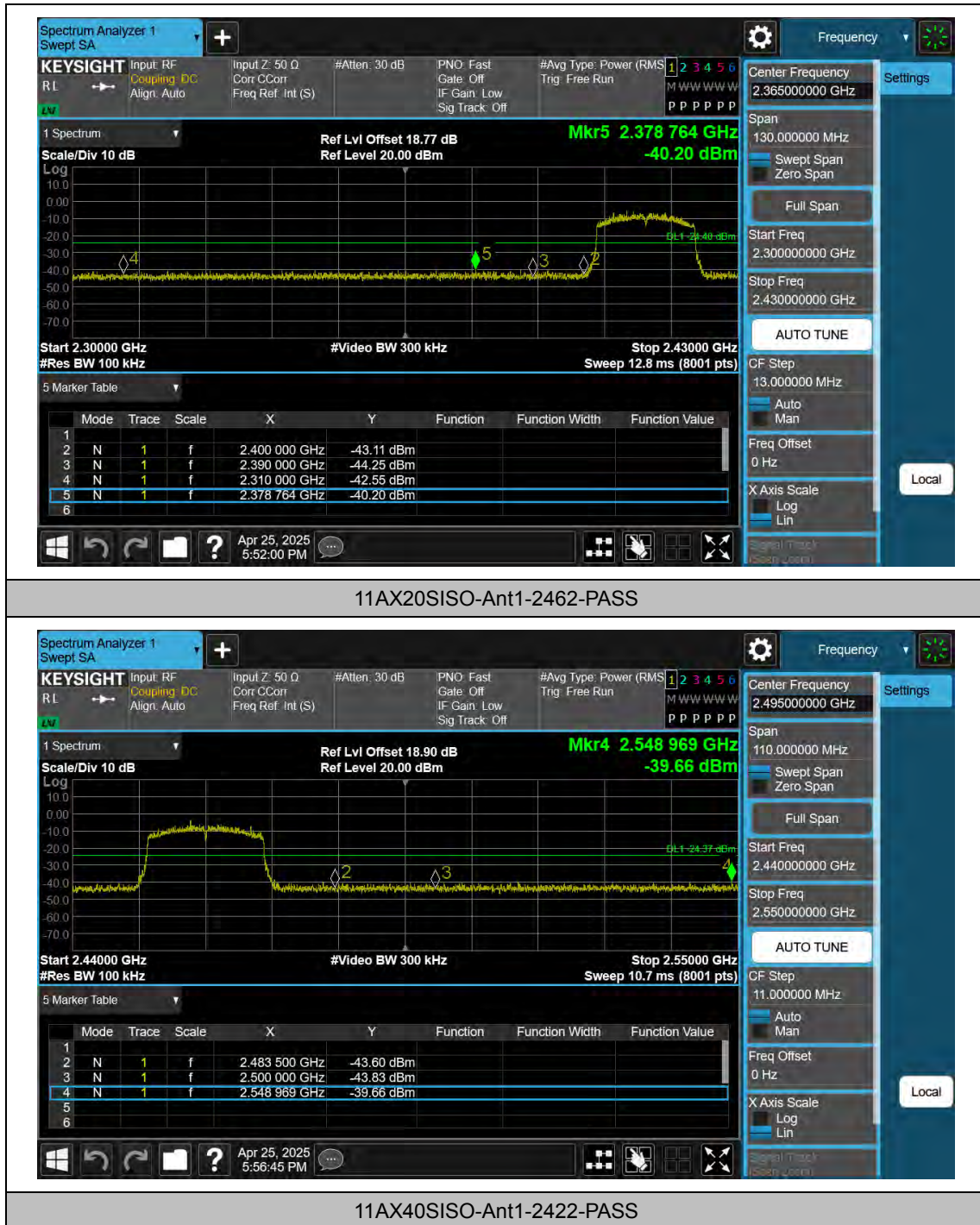
11N40SISO-Ant1-2422-PASS

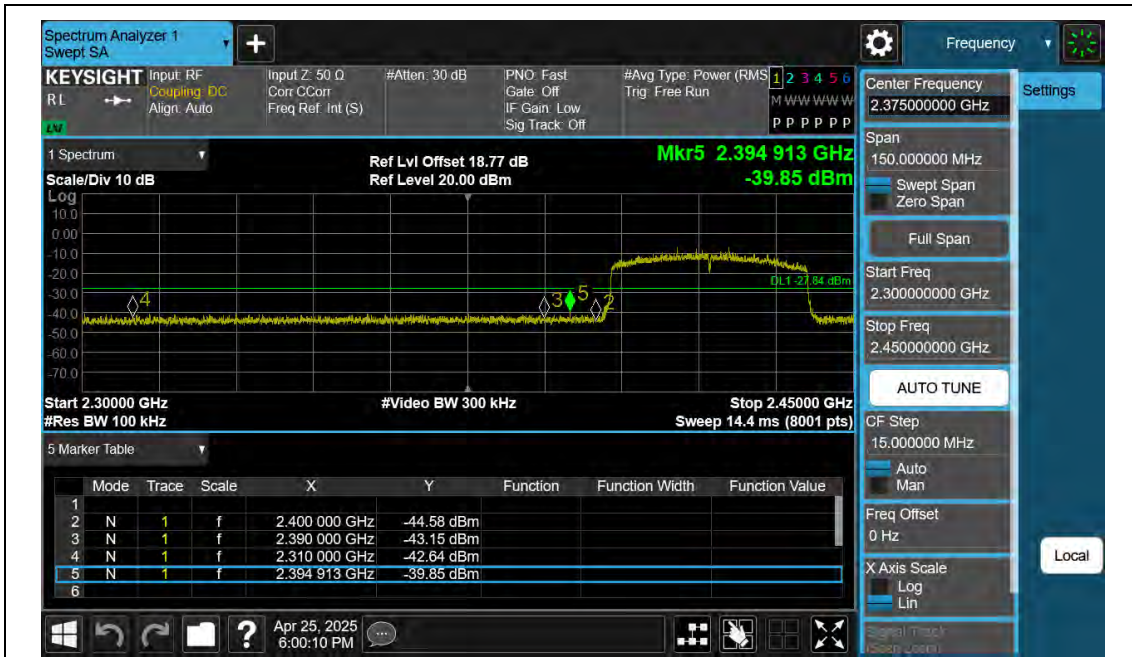


11N40SISO-Ant1-2452-PASS



11AX20SISO-Ant1-2412-PASS





11AX40SiSO-Ant1-2452-PASS

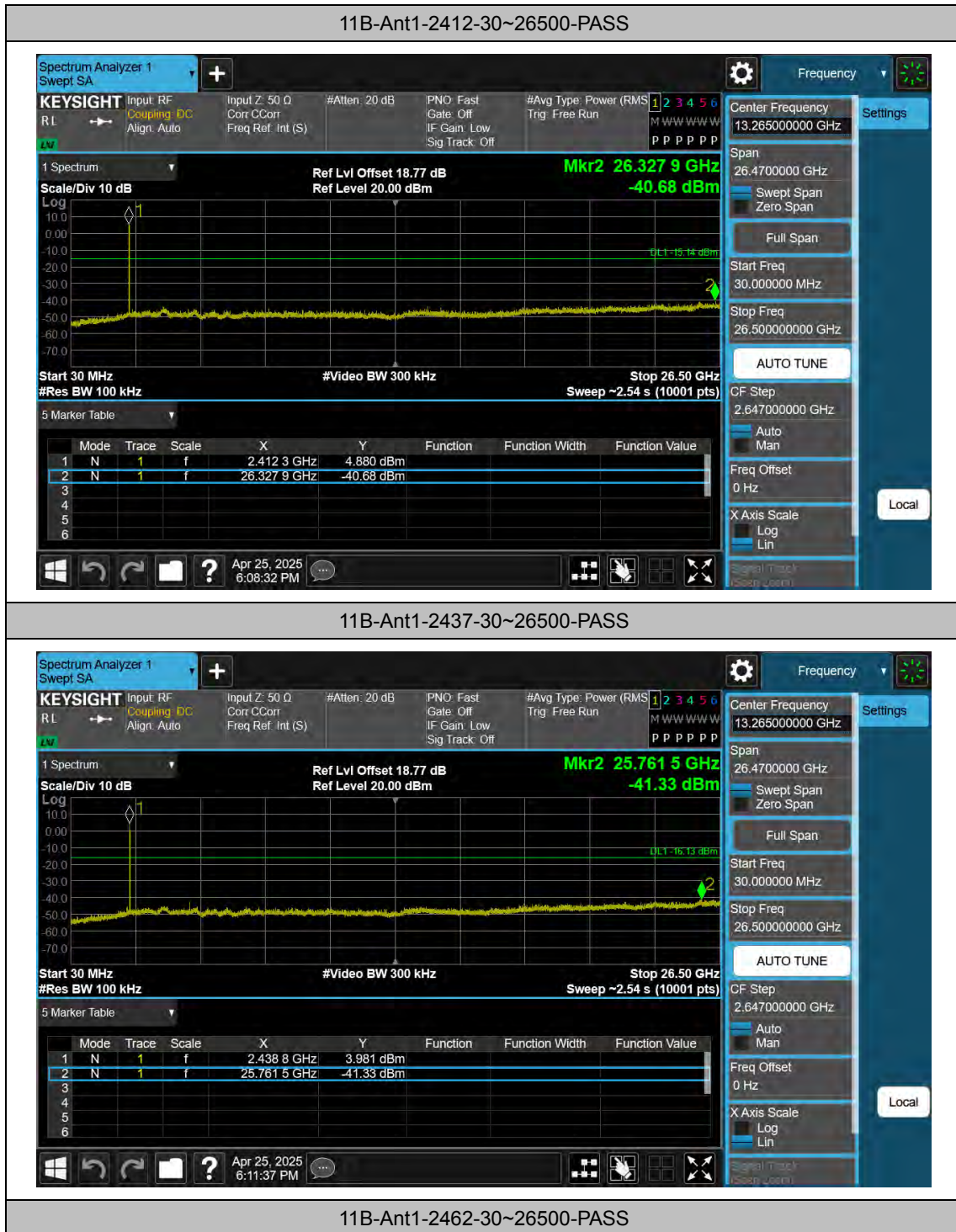


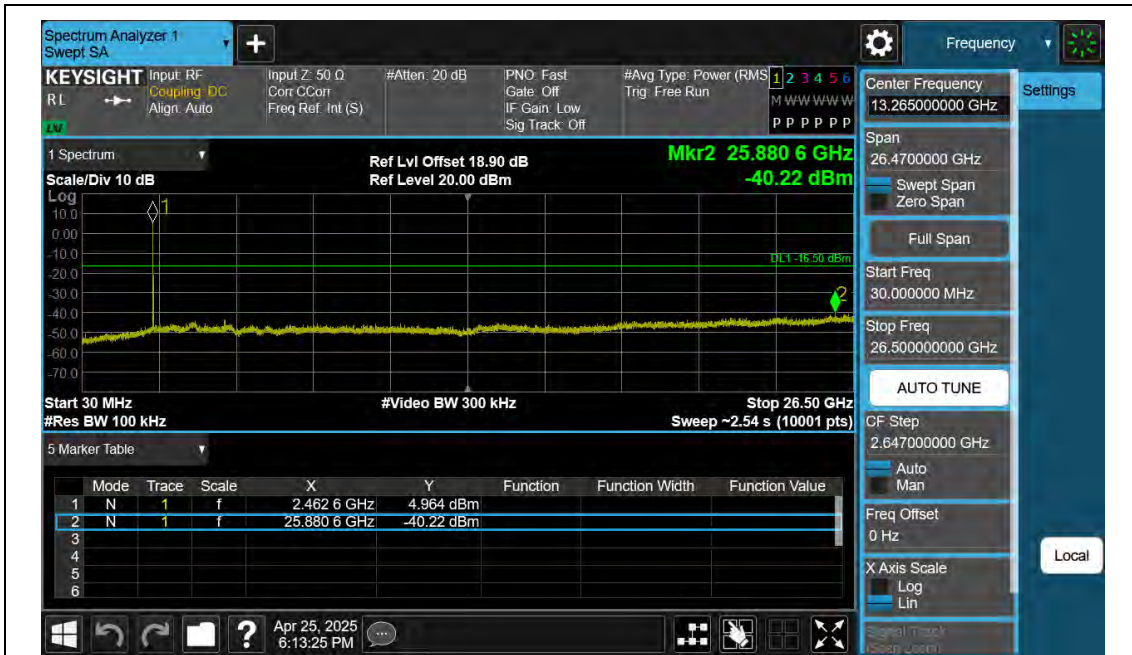
Appendix G: Conducted Spurious Emission

Test Result

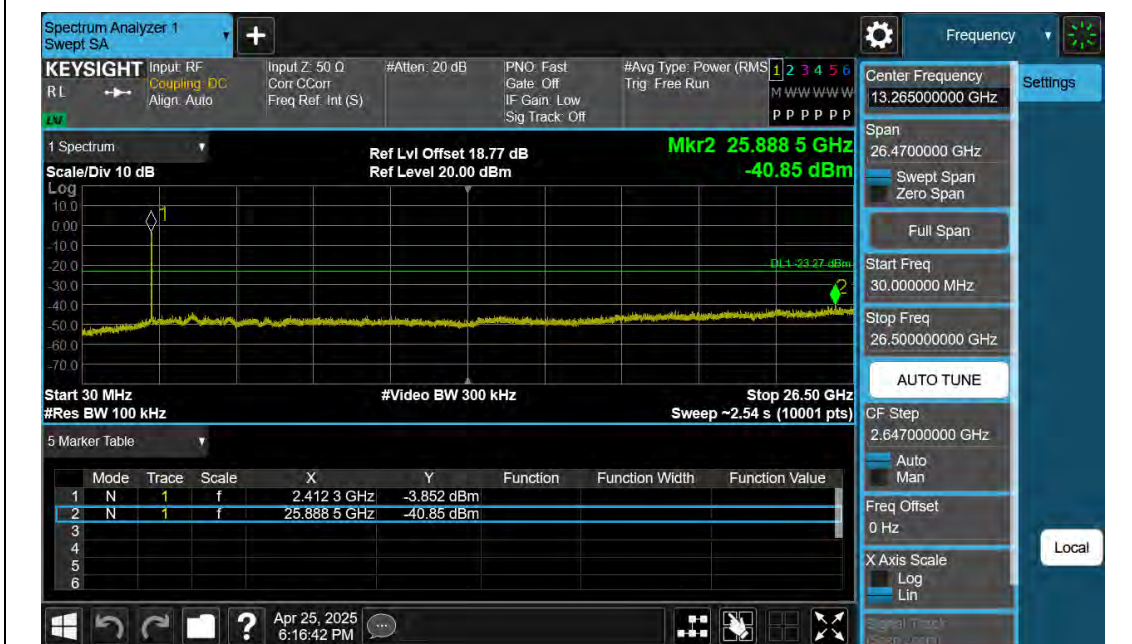
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	4.86	-40.68	≤-15.14	PASS
11B	Ant1	2437	30~26500	3.87	-41.33	≤-16.13	PASS
11B	Ant1	2462	30~26500	3.50	-40.22	≤-16.5	PASS
11G	Ant1	2412	30~26500	-3.27	-40.85	≤-23.27	PASS
11G	Ant1	2437	30~26500	-3.18	-41.1	≤-23.18	PASS
11G	Ant1	2462	30~26500	-3.01	-40.87	≤-23.01	PASS
11N20SISO	Ant1	2412	30~26500	-2.84	-41.4	≤-22.84	PASS
11N20SISO	Ant1	2437	30~26500	-3.55	-40.76	≤-23.55	PASS
11N20SISO	Ant1	2462	30~26500	-1.79	-40.41	≤-21.79	PASS
11N40SISO	Ant1	2422	30~26500	-7.48	-41.01	≤-27.48	PASS
11N40SISO	Ant1	2437	30~26500	-6.60	-40.61	≤-26.6	PASS
11N40SISO	Ant1	2452	30~26500	-7.06	-41.51	≤-27.06	PASS
11AX20SISO	Ant1	2412	30~26500	-4.40	-40.43	≤-24.4	PASS
11AX20SISO	Ant1	2437	30~26500	-5.04	-41.03	≤-25.04	PASS
11AX20SISO	Ant1	2462	30~26500	-4.37	-40.31	≤-24.37	PASS
11AX40SISO	Ant1	2422	30~26500	-7.84	-41.03	≤-27.84	PASS
11AX40SISO	Ant1	2437	30~26500	-7.79	-40.89	≤-27.79	PASS
11AX40SISO	Ant1	2452	30~26500	-7.20	-40.12	≤-27.2	PASS

Test Graphs





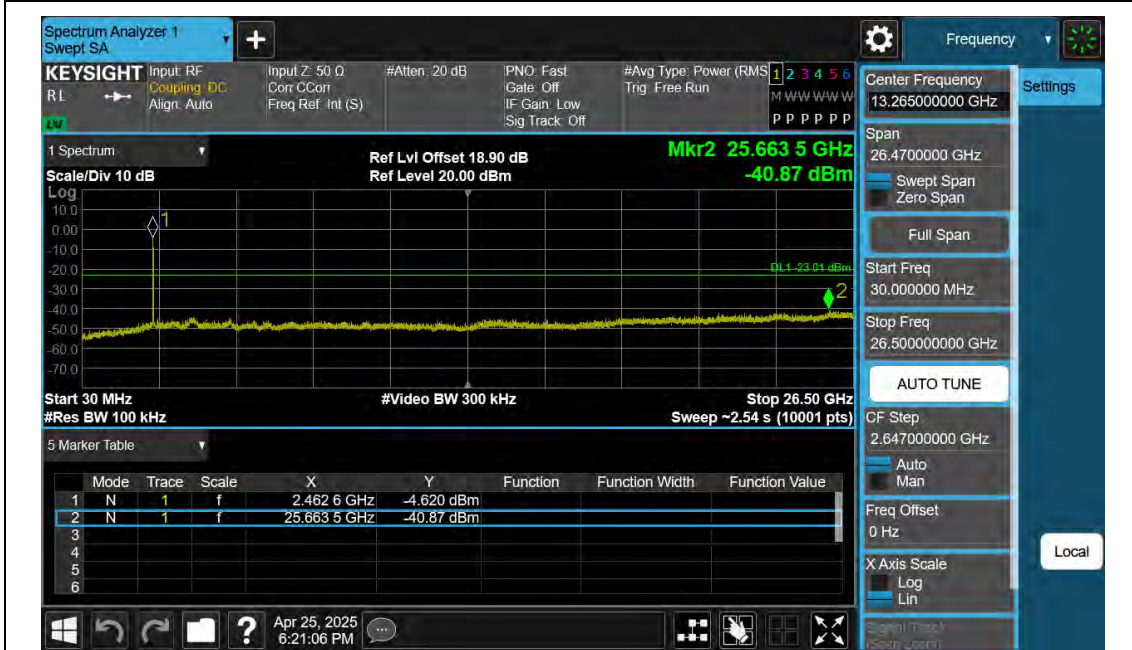
11G-Ant1-2412-30~26500-PASS



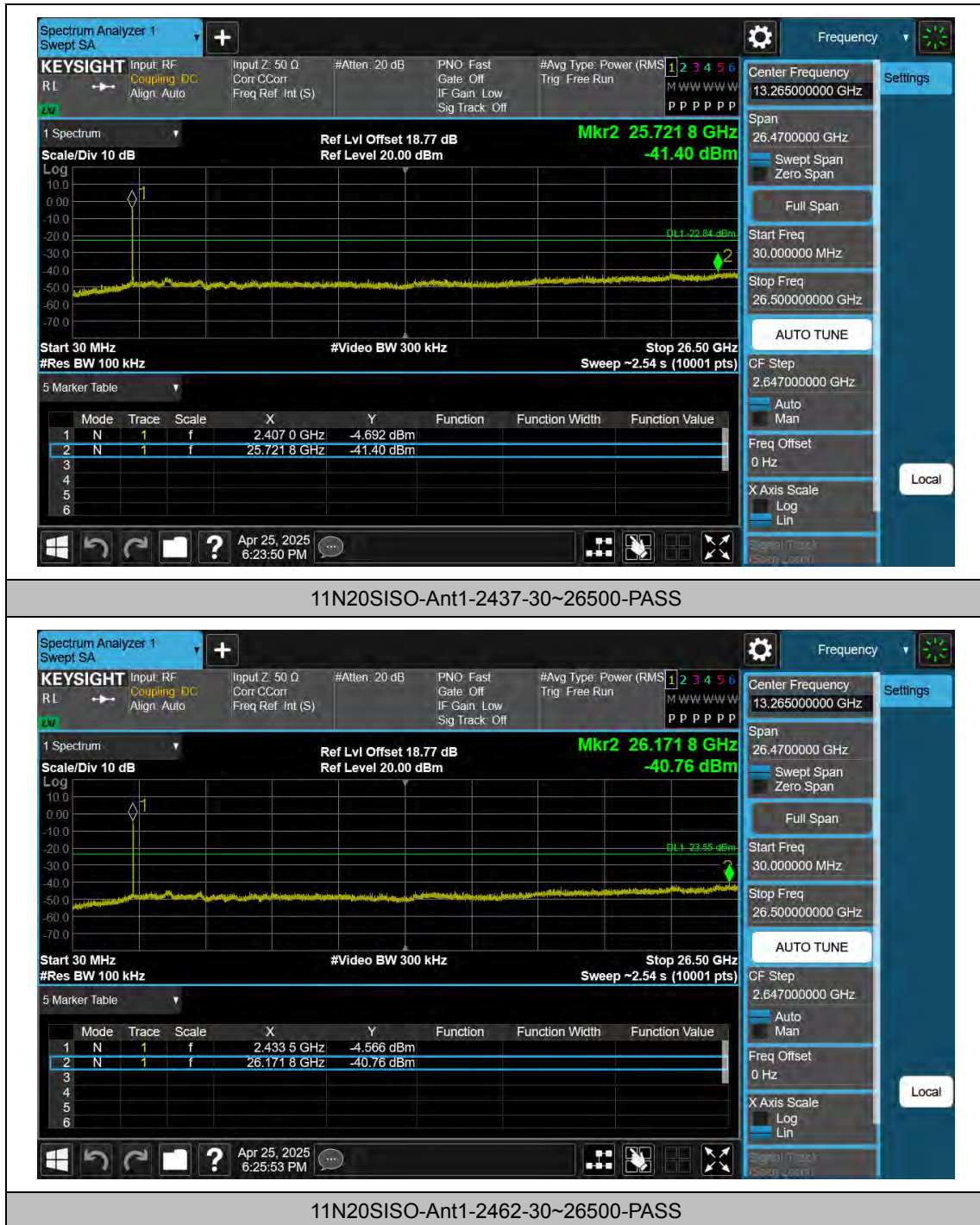
11G-Ant1-2437-30~26500-PASS

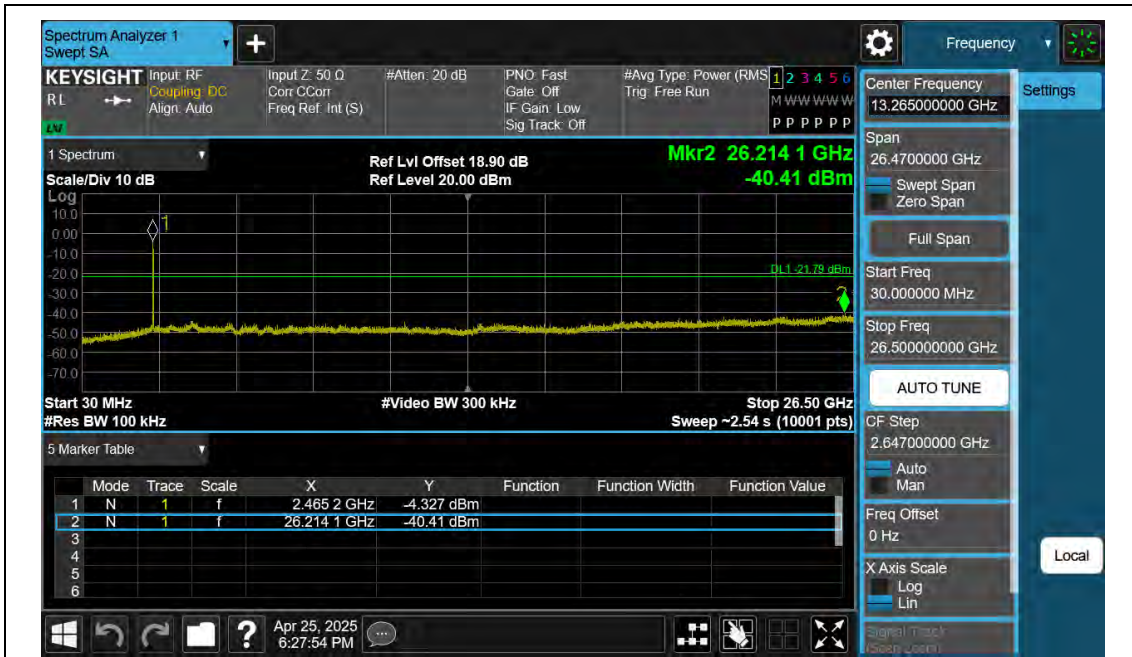


11G-Ant1-2462-30~26500-PASS



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

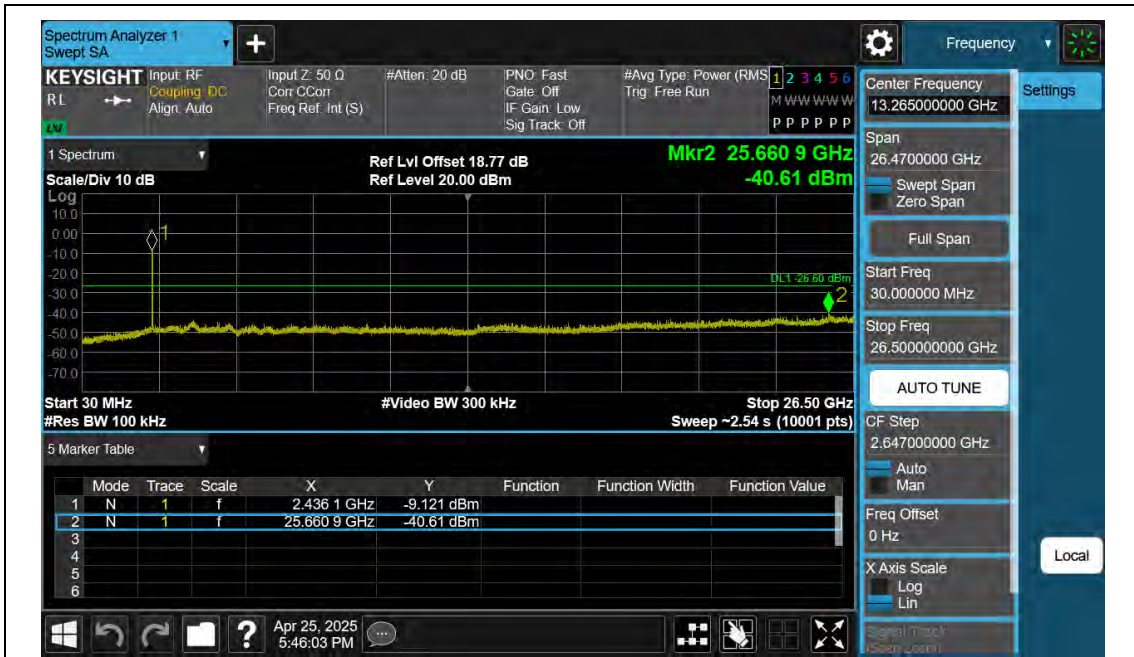




11N40SISO-Ant1-2422-30~26500-PASS



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



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



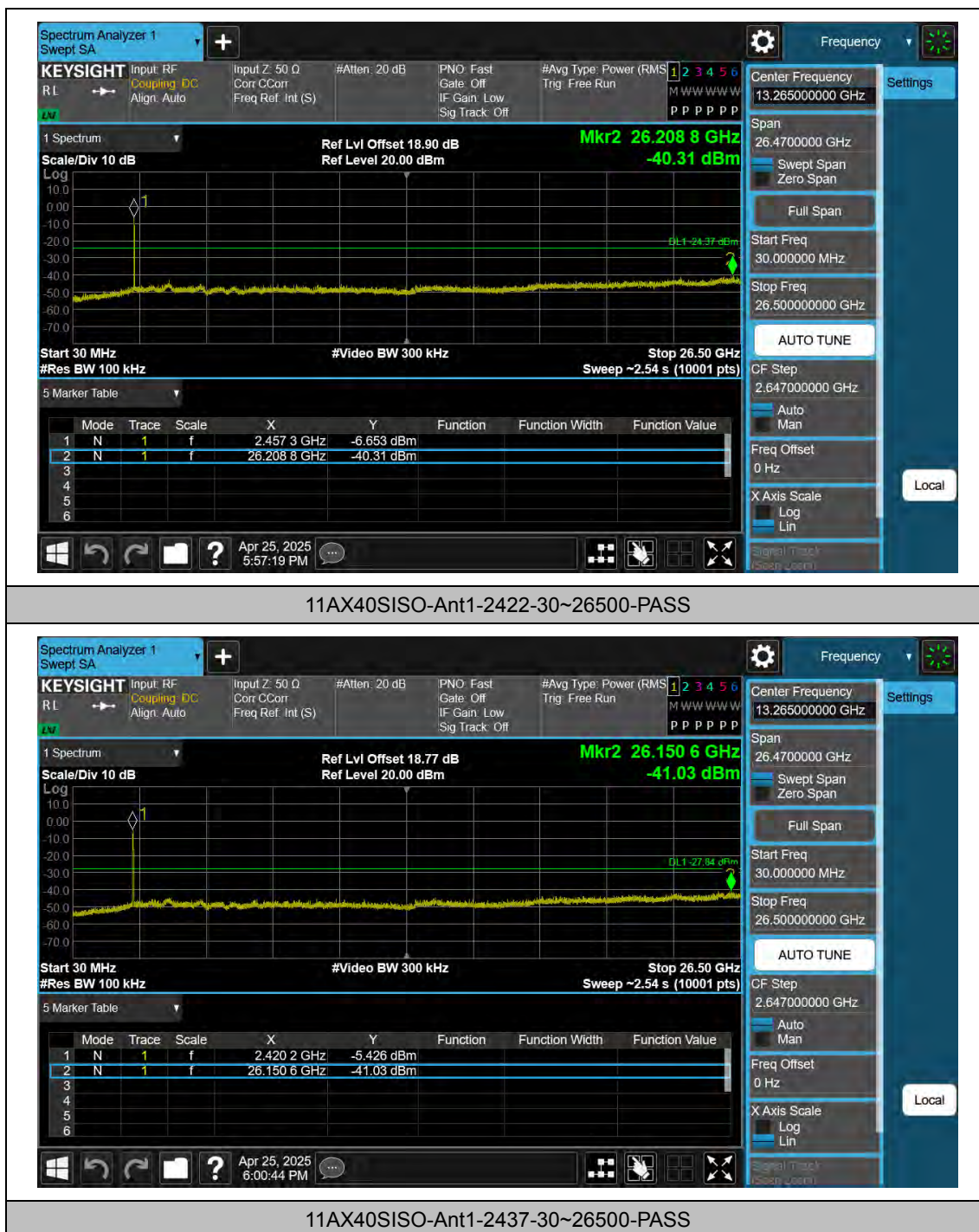
11AX20SISO-Ant1-2412-30~26500-PASS

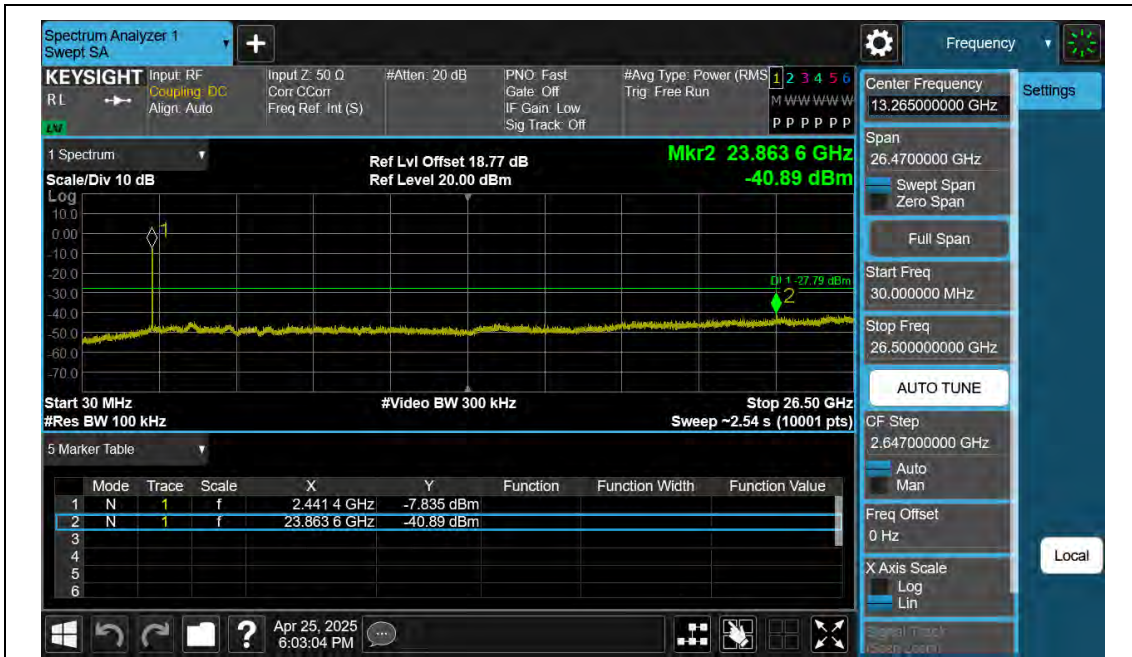


11AX20SISO-Ant1-2437-30~26500-PASS



11AX20SISO-Ant1-2462-30~26500-PASS





11AX40SISO-Ant1-2452-30~26500-PASS



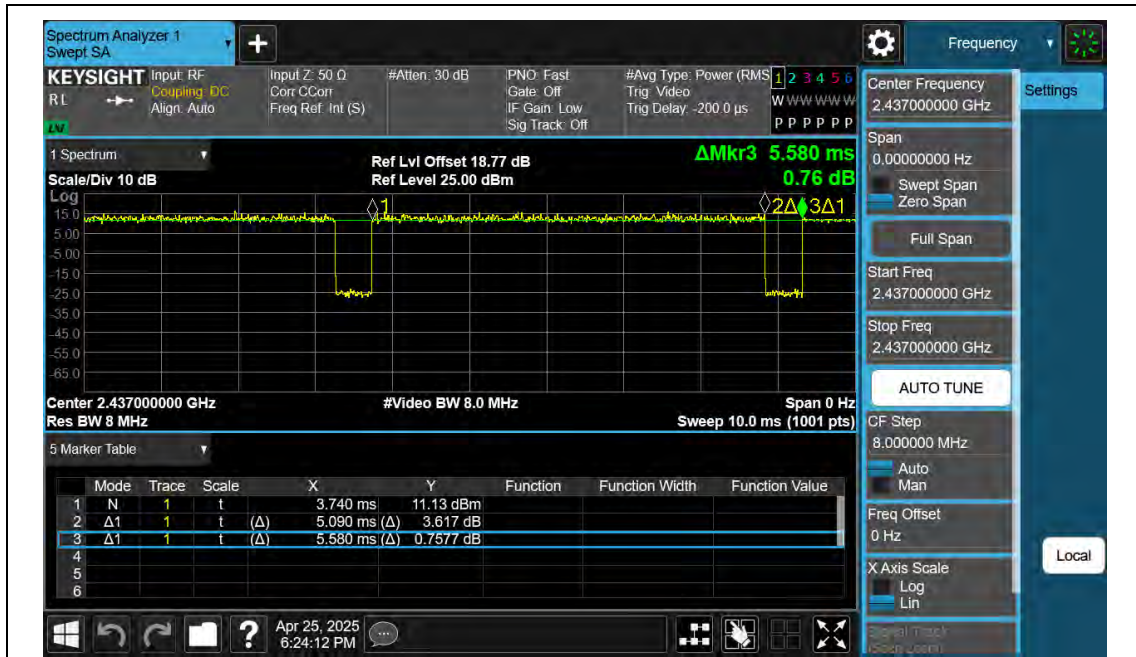
Appendix H: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	32.80	33.25	98.65
11G	Ant1	2437	5.44	5.94	91.58
11N20SISO	Ant1	2437	5.09	5.58	91.22
11N40SISO	Ant1	2437	0.85	1.50	56.67
11AX20SISO	Ant1	2437	3.88	4.37	88.79
11AX40SISO	Ant1	2437	4.52	5.17	87.43

Test Graphs

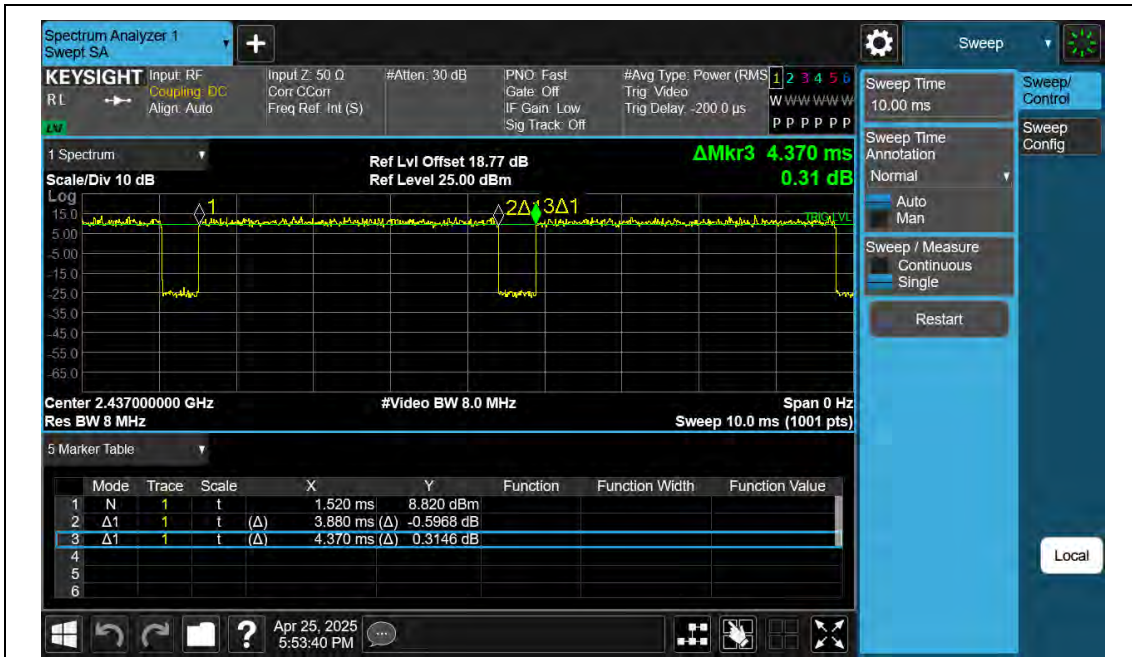




NTNV-11N40SISO-Ant1-2437



NTNV-11AX20SISO-Ant1-2437



NTNV-11AX40SISO-Ant1-2437

