

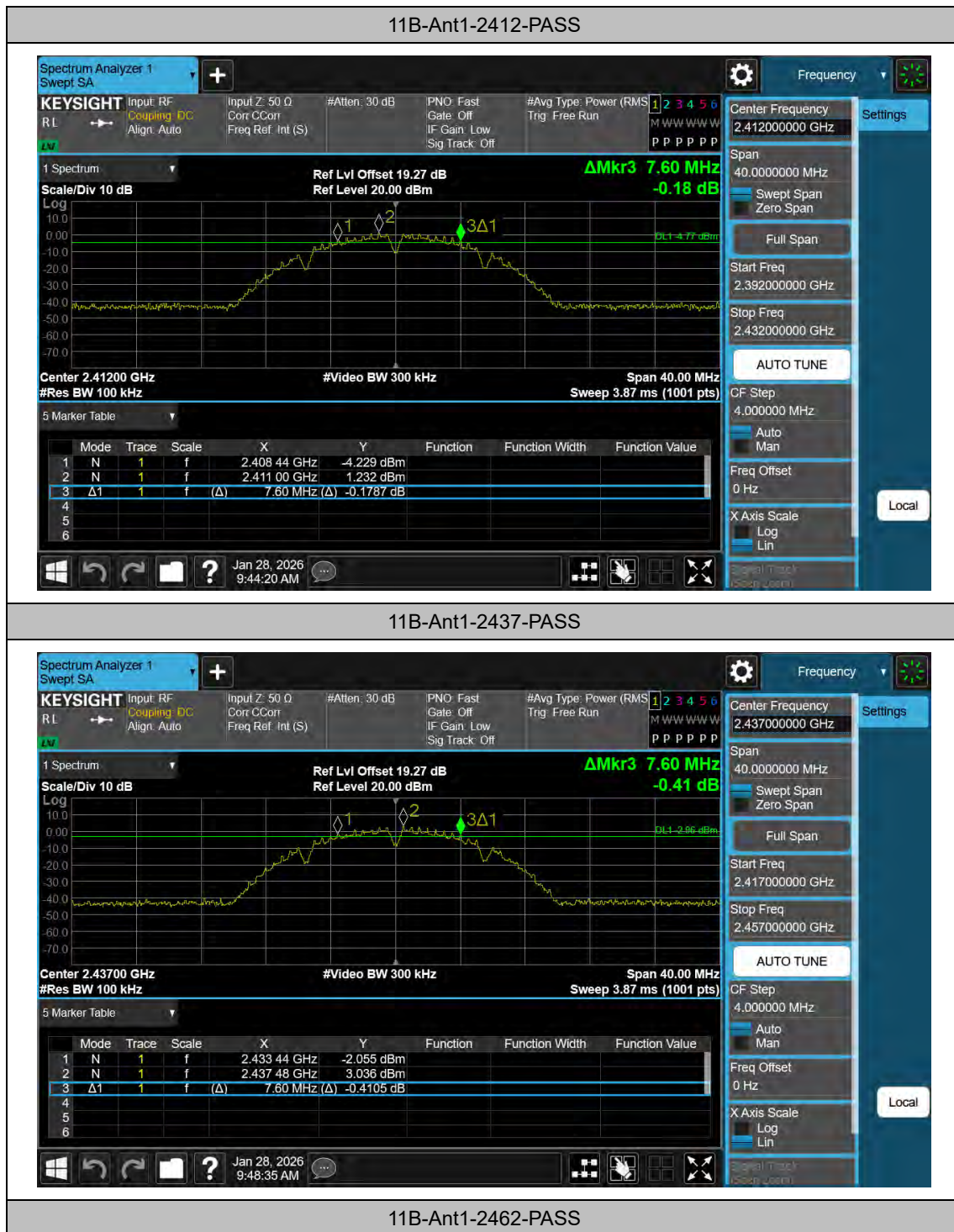
Appendix A: DTS Bandwidth

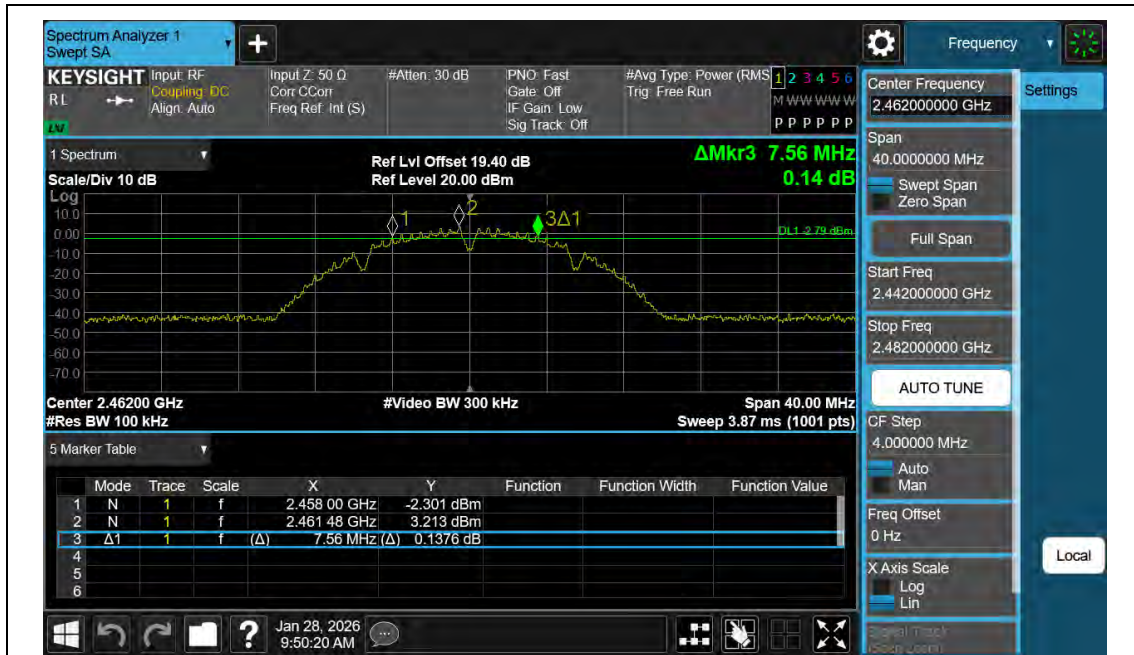
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.600	2408.440	2416.040	0.5	PASS
11B	Ant1	2437	7.600	2433.440	2441.040	0.5	PASS
11B	Ant1	2462	7.560	2458.000	2465.560	0.5	PASS
11G	Ant1	2412	15.760	2404.120	2419.880	0.5	PASS
11G	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	15.680	2454.080	2469.760	0.5	PASS
11N20SISO	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
11N20SISO	Ant1	2437	15.640	2428.880	2444.520	0.5	PASS
11N20SISO	Ant1	2462	15.120	2454.440	2469.560	0.5	PASS
11AX20SISO	Ant1	2412	18.040	2403.000	2421.040	0.5	PASS
11AX20SISO	Ant1	2437	17.640	2428.360	2446.000	0.5	PASS
11AX20SISO	Ant1	2462	17.640	2453.200	2470.840	0.5	PASS
11BE20SISO	Ant1	2412	18.200	2402.880	2421.080	0.5	PASS
11BE20SISO	Ant1	2437	18.440	2427.800	2446.240	0.5	PASS
11BE20SISO	Ant1	2462	17.640	2453.200	2470.840	0.5	PASS



Test Graphs

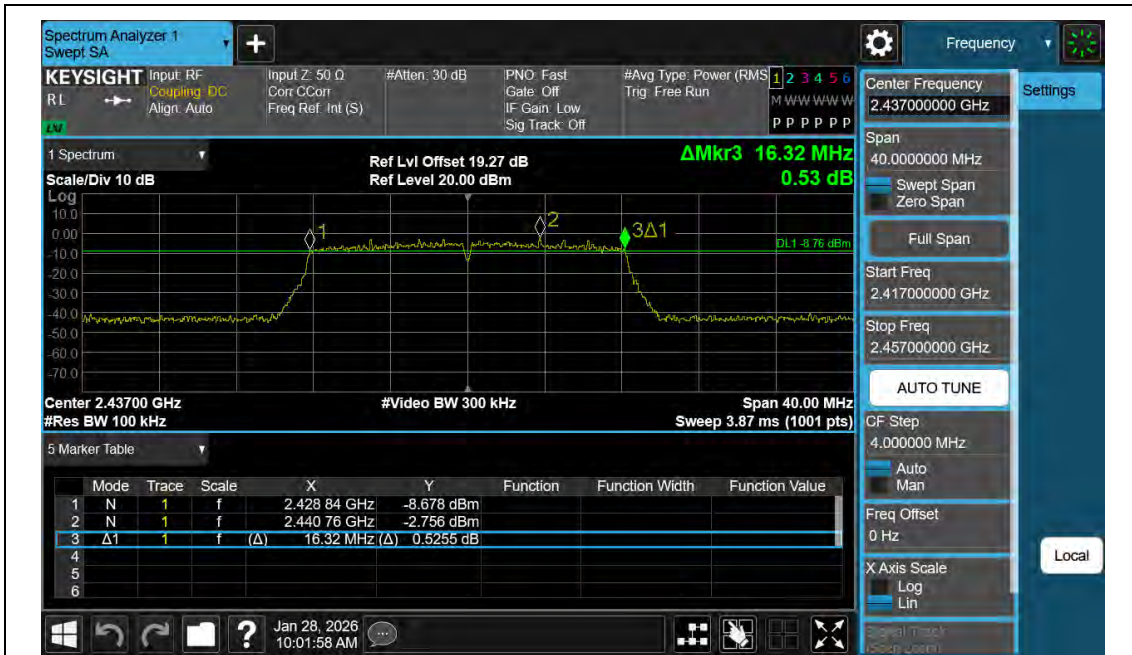




11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



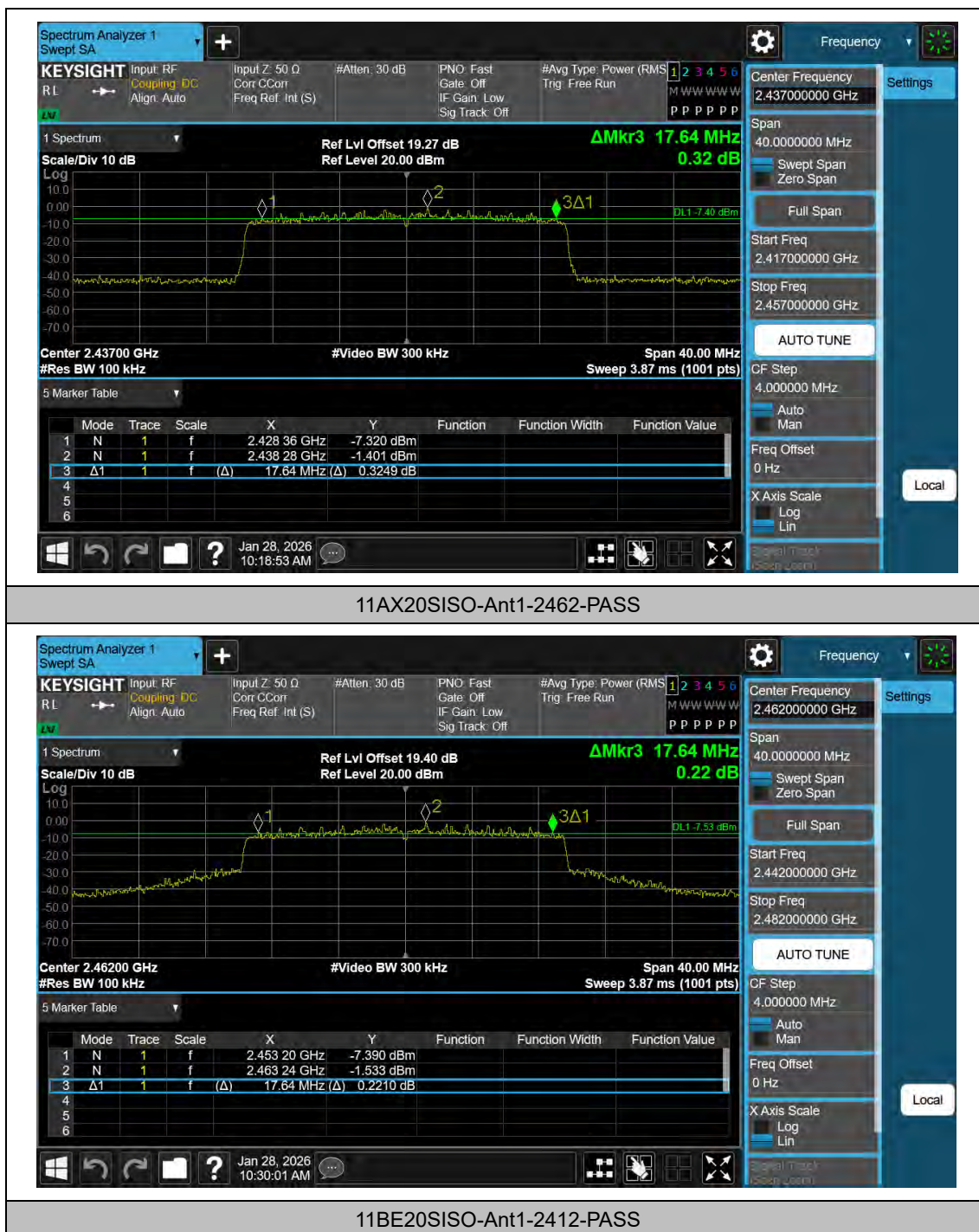
11N20SISO-Ant1-2462-PASS

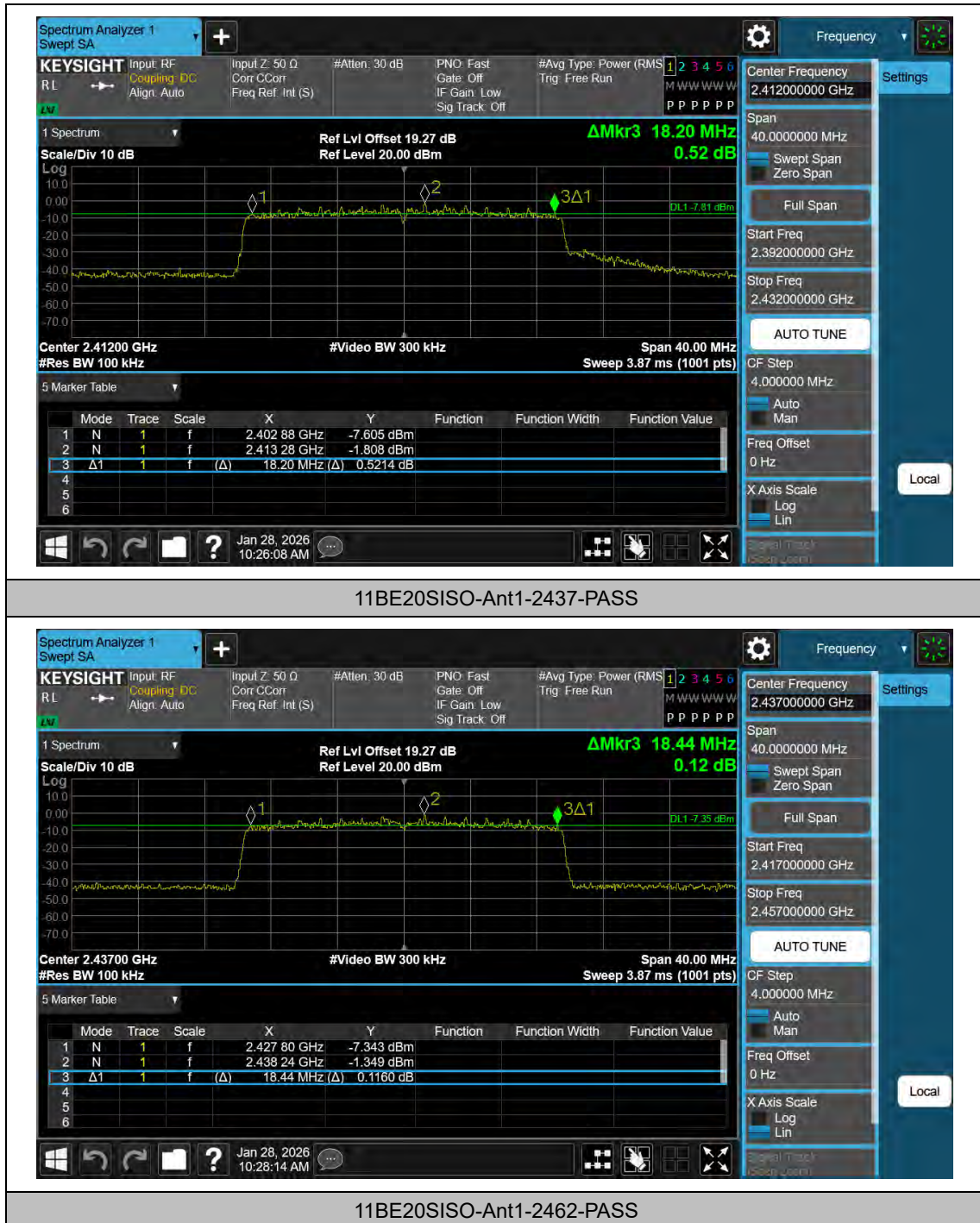


11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS







Appendix B: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	13.26	≤30.00	PASS
11B	Ant1	2437	13.60	≤30.00	PASS
11B	Ant1	2462	13.52	≤30.00	PASS
11G	Ant1	2412	16.44	≤30.00	PASS
11G	Ant1	2437	17.00	≤30.00	PASS
11G	Ant1	2462	16.60	≤30.00	PASS
11N20SISO	Ant1	2412	15.95	≤30.00	PASS
11N20SISO	Ant1	2437	16.63	≤30.00	PASS
11N20SISO	Ant1	2462	16.17	≤30.00	PASS
11AX20SISO	Ant1	2412	17.46	≤30.00	PASS
11AX20SISO	Ant1	2437	18.16	≤30.00	PASS
11AX20SISO	Ant1	2462	17.25	≤30.00	PASS
11BE20SISO	Ant1	2412	17.41	≤30.00	PASS
11BE20SISO	Ant1	2437	18.17	≤30.00	PASS
11BE20SISO	Ant1	2462	17.43	≤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



11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



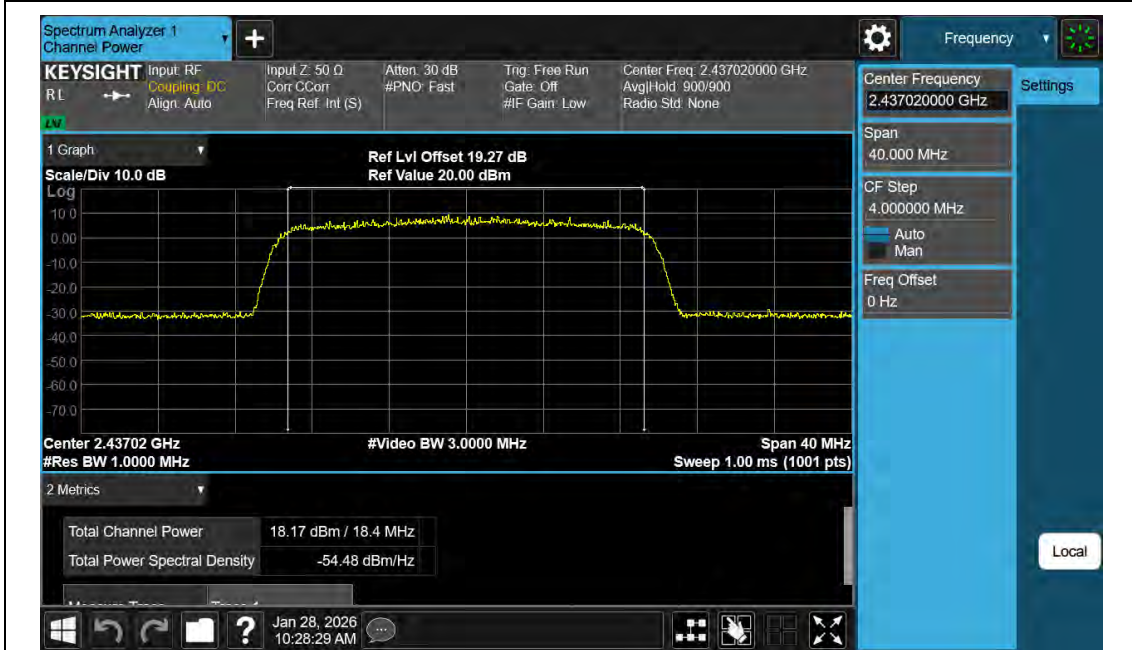
11AX20SISO-Ant1-2462-PASS



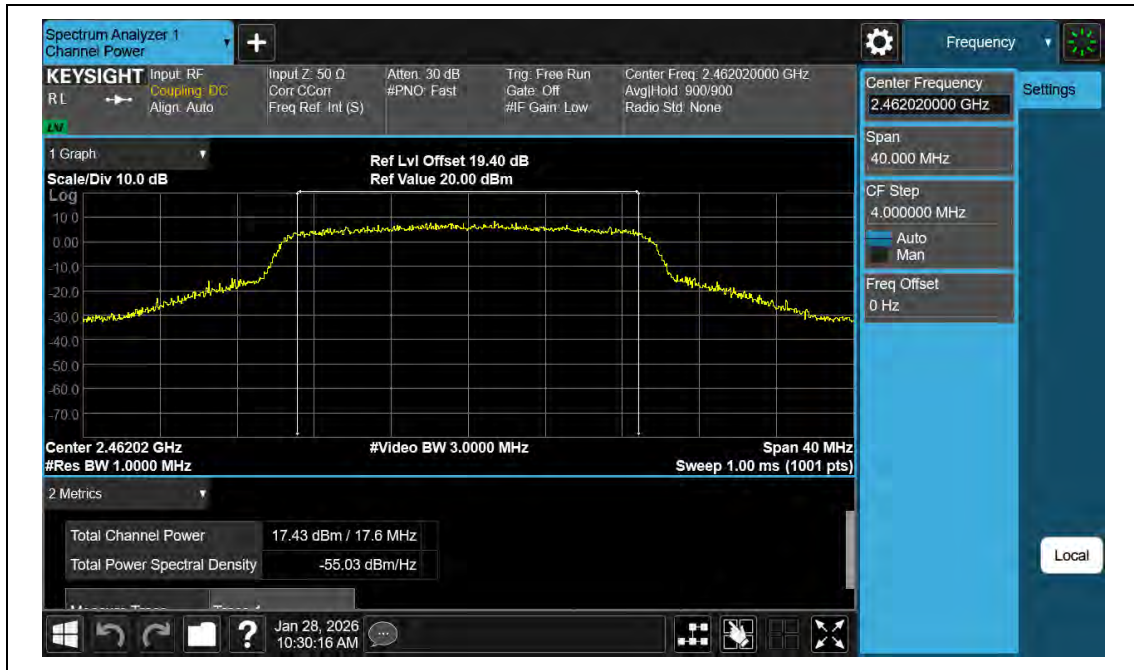
11BE20SISO-Ant1-2412-PASS



11BE20SISO-Ant1-2437-PASS



11BE20SISO-Ant1-2462-PASS

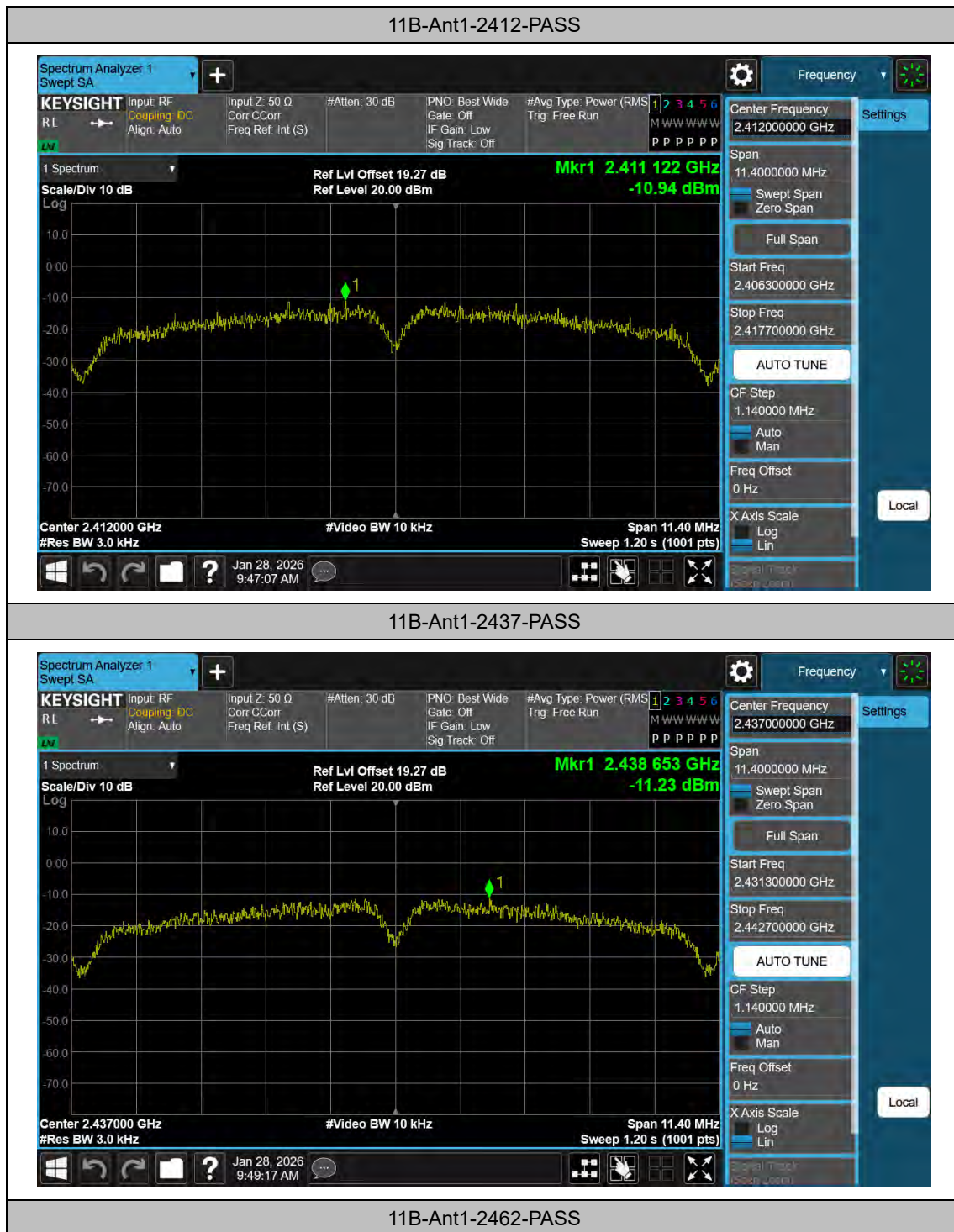


Appendix C: Maximum power spectral density

Test Result

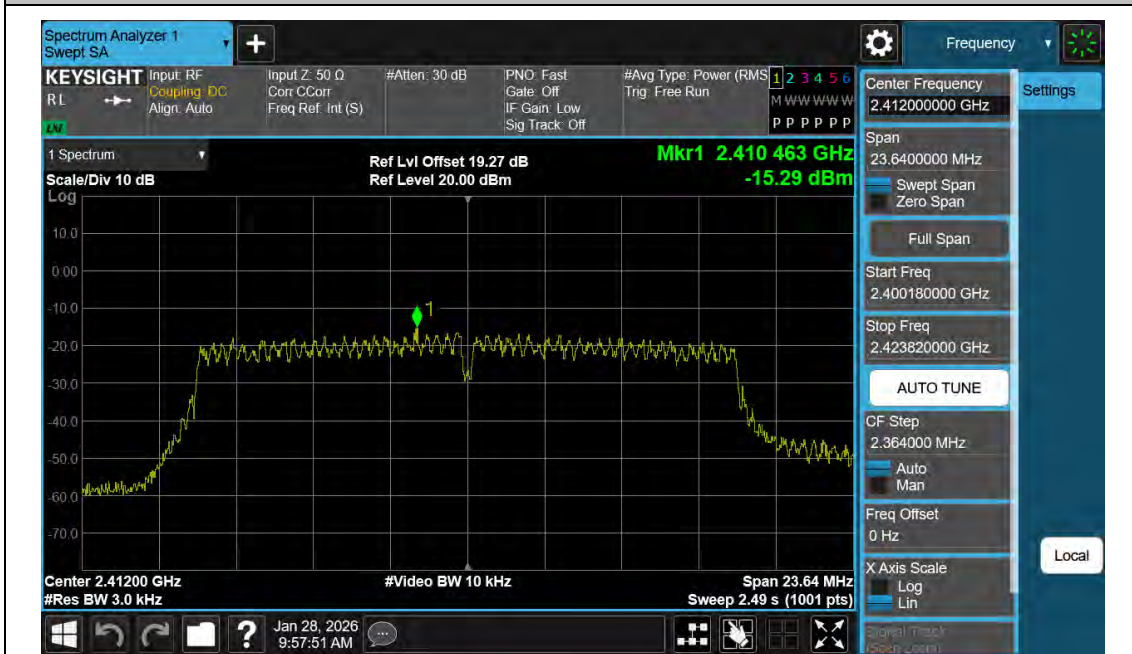
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.94	≤8.00	PASS
11B	Ant1	2437	-11.24	≤8.00	PASS
11B	Ant1	2462	-10.66	≤8.00	PASS
11G	Ant1	2412	-15.29	≤8.00	PASS
11G	Ant1	2437	-14.77	≤8.00	PASS
11G	Ant1	2462	-15.51	≤8.00	PASS
11N20SISO	Ant1	2412	-15.64	≤8.00	PASS
11N20SISO	Ant1	2437	-14.08	≤8.00	PASS
11N20SISO	Ant1	2462	-16.41	≤8.00	PASS
11AX20SISO	Ant1	2412	-16.52	≤8.00	PASS
11AX20SISO	Ant1	2437	-15.53	≤8.00	PASS
11AX20SISO	Ant1	2462	-17.40	≤8.00	PASS
11BE20SISO	Ant1	2412	-16.91	≤8.00	PASS
11BE20SISO	Ant1	2437	-16.29	≤8.00	PASS
11BE20SISO	Ant1	2462	-16.34	≤8.00	PASS

Test Graphs





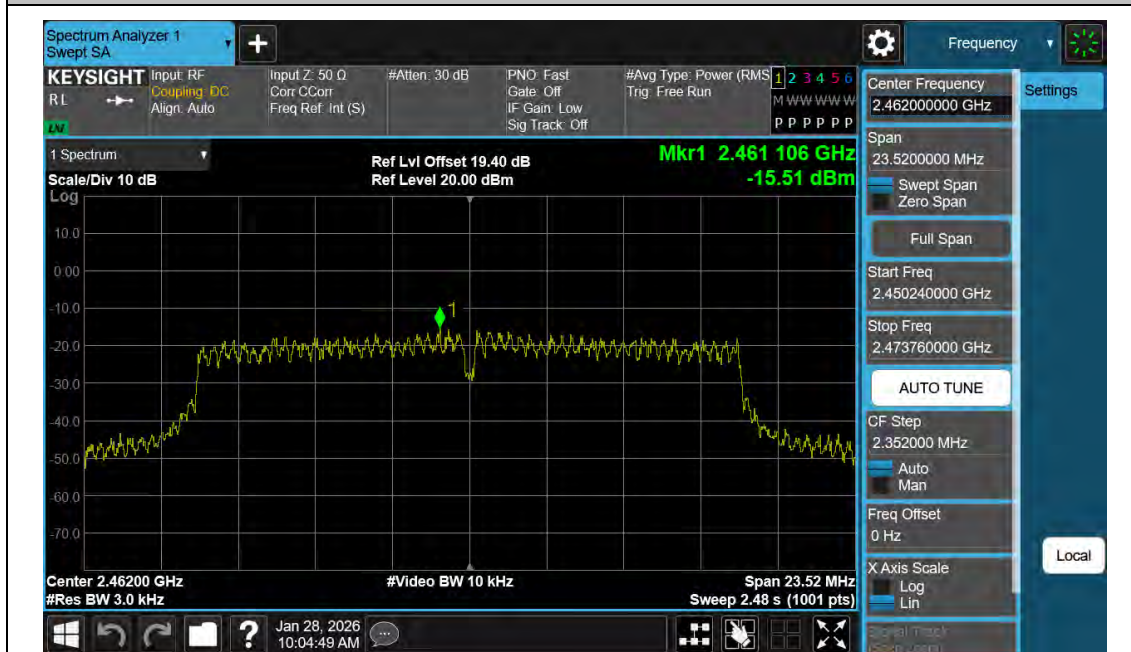
11G-Ant1-2412-PASS



11G-Ant1-2437-PASS



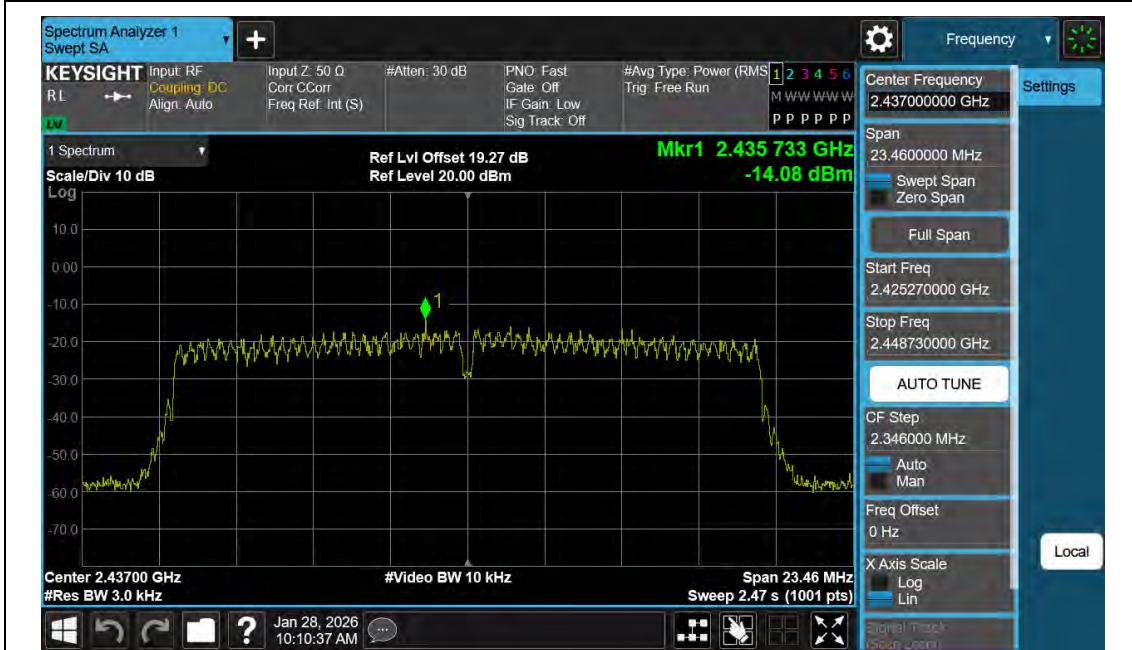
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



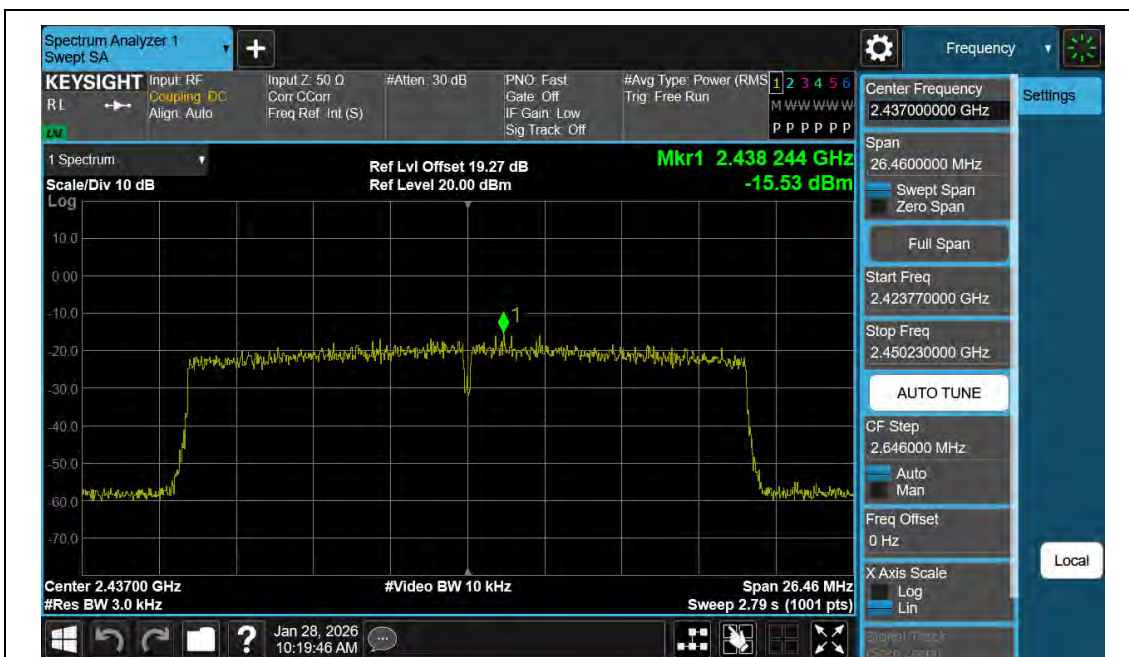
11N20SISO-Ant1-2462-PASS



11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



11AX20SISO-Ant1-2462-PASS



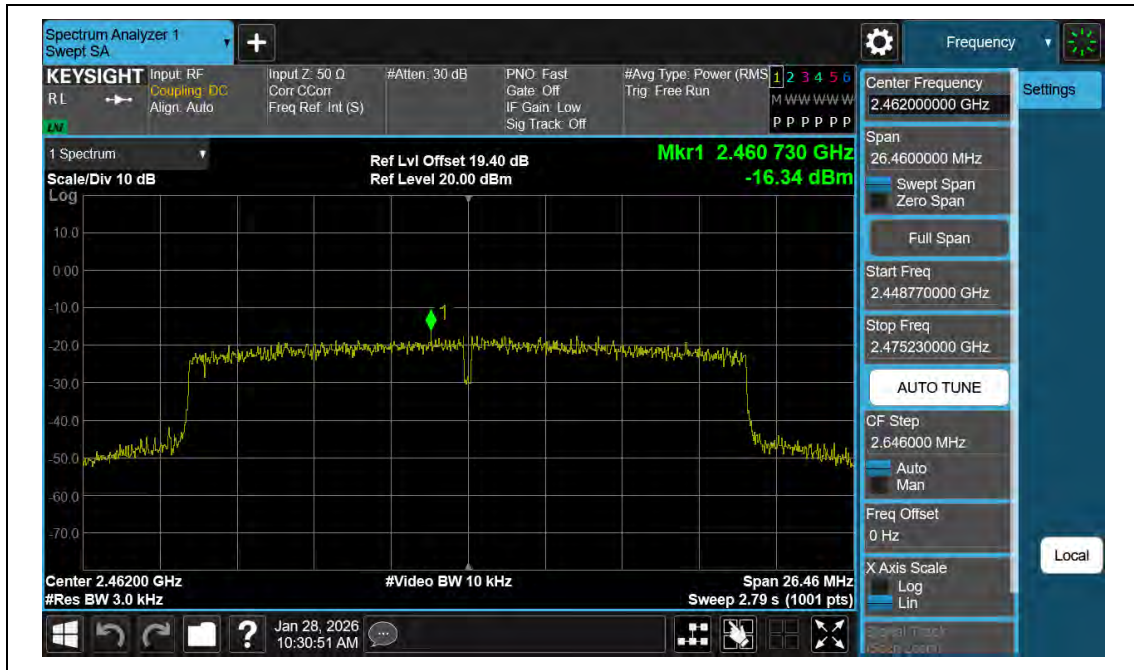
11BE20SISO-Ant1-2412-PASS



11BE20SISO-Ant1-2437-PASS



11BE20SISO-Ant1-2462-PASS



Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2413.01	1.63
11B	Ant1	2437	2436.49	3.03
11B	Ant1	2462	2462.99	2.61
11G	Ant1	2412	2410.72	-2.41
11G	Ant1	2437	2434.53	-3.09
11G	Ant1	2462	2460.73	-2.13
11N20SISO	Ant1	2412	2413.27	-1.66
11N20SISO	Ant1	2437	2435.73	-2.04
11N20SISO	Ant1	2462	2460.75	-2.28
11AX20SISO	Ant1	2412	2413.24	-1.91
11AX20SISO	Ant1	2437	2438.27	-1.30
11AX20SISO	Ant1	2462	2463.27	-1.40
11BE20SISO	Ant1	2412	2413.26	-1.79
11BE20SISO	Ant1	2437	2438.27	-1.48
11BE20SISO	Ant1	2462	2463.24	-1.55

Test Graphs





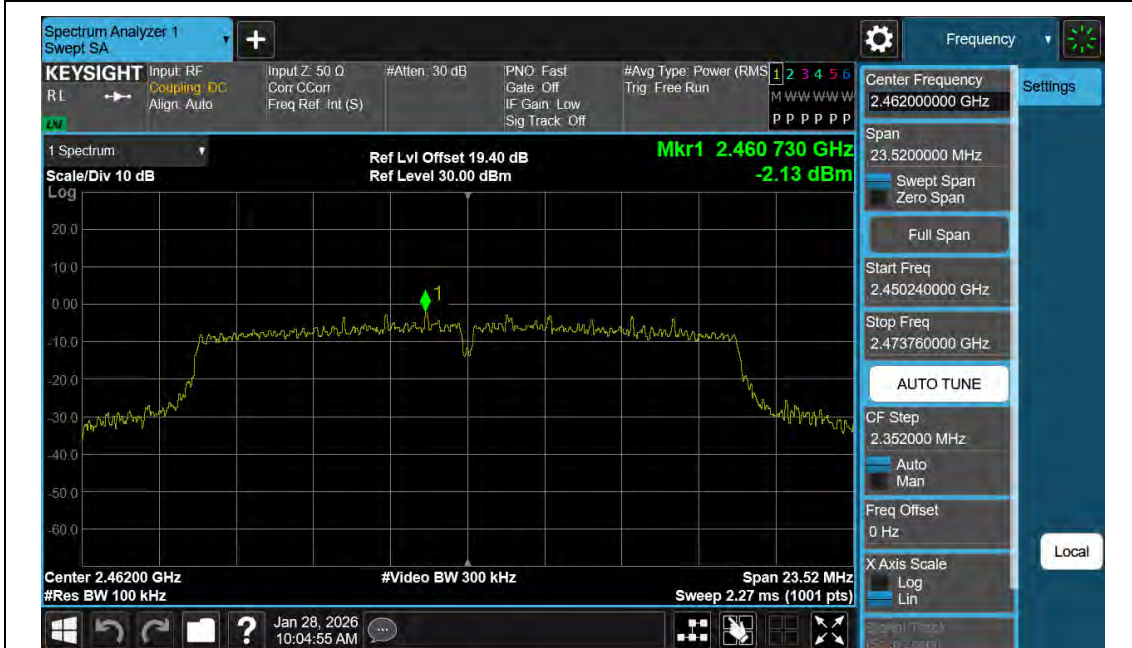
11G-Ant1-2412-PASS



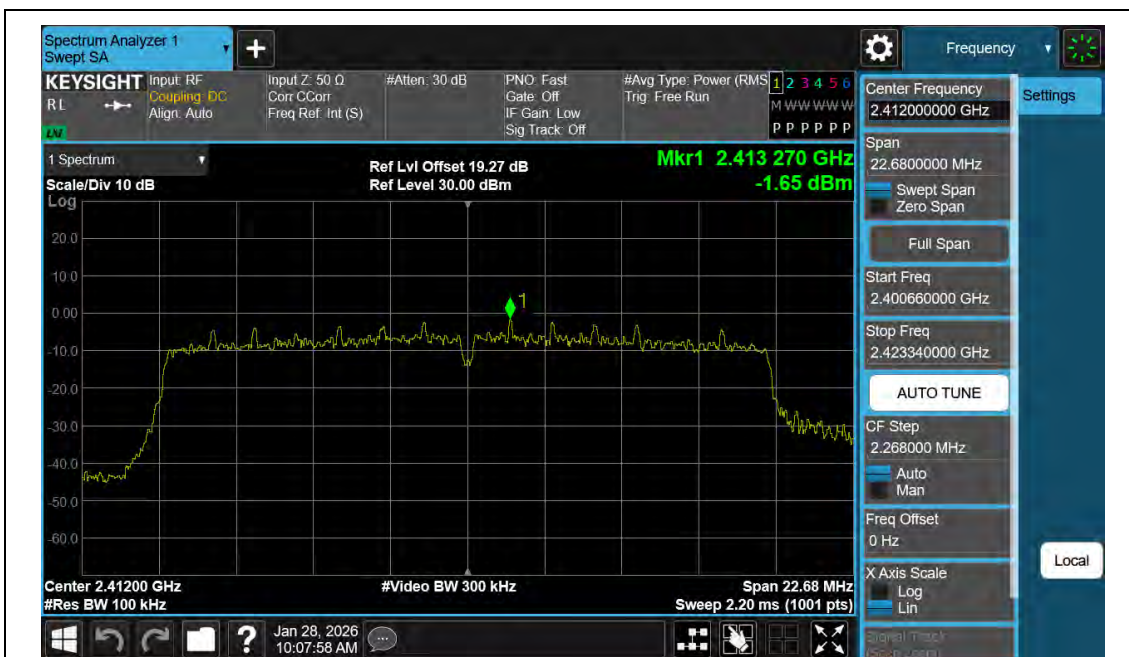
11G-Ant1-2437-PASS



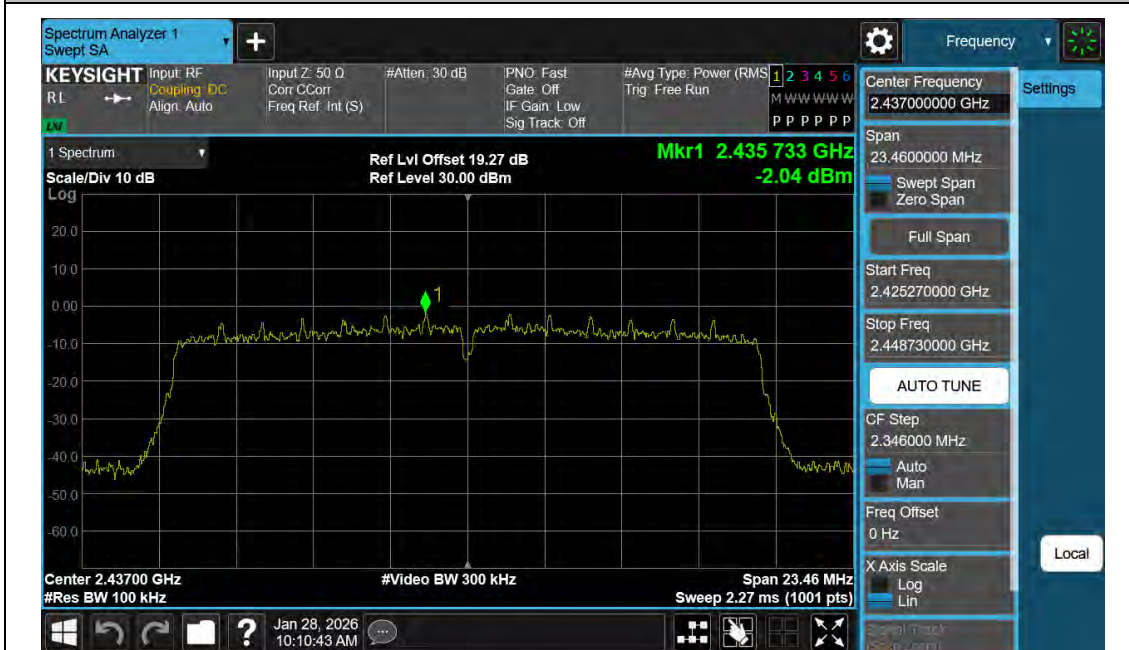
11G-Ant1-2462-PASS



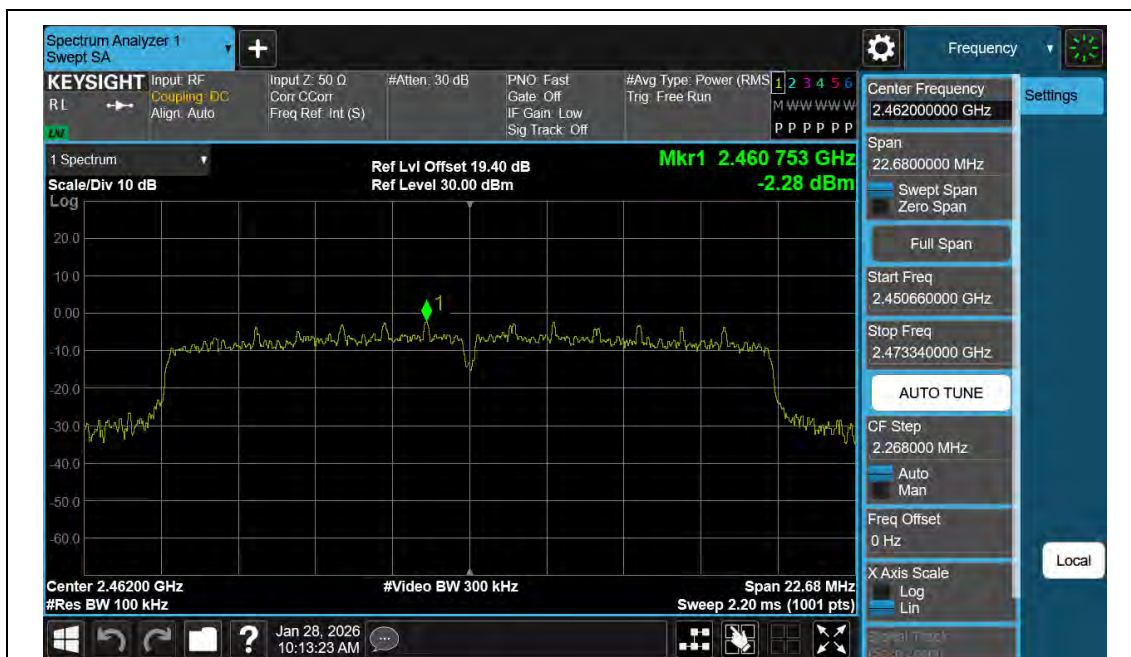
11N20SISO-Ant1-2412-PASS



11N20SISO-Ant1-2437-PASS



11N20SISO-Ant1-2462-PASS



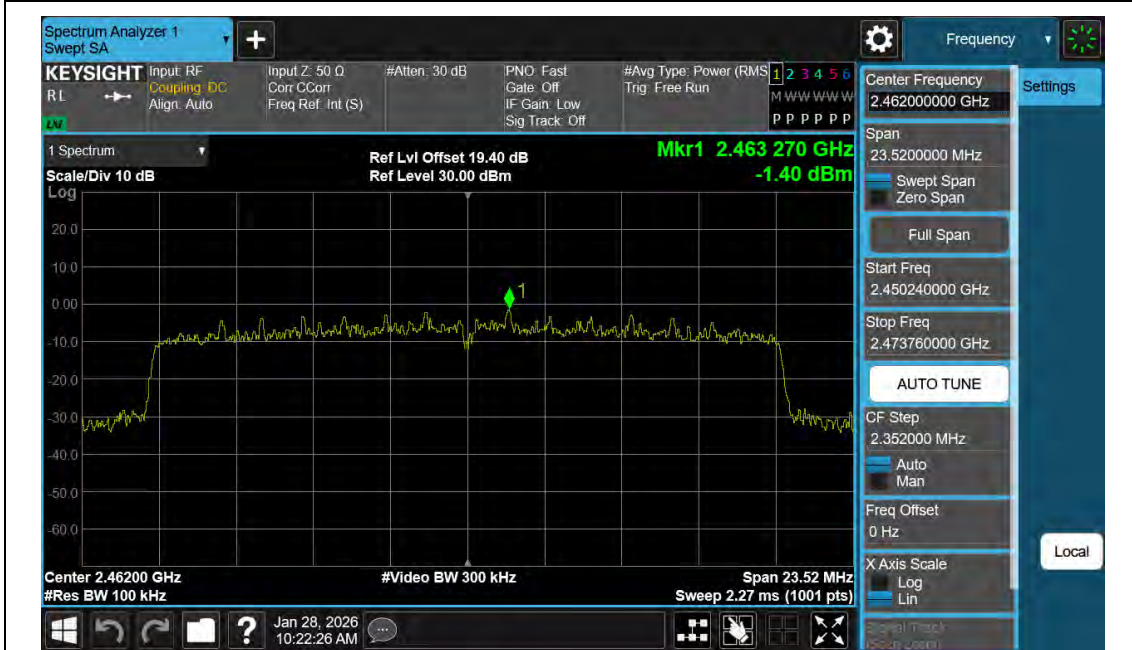
11AX20SISO-Ant1-2412-PASS



11AX20SISO-Ant1-2437-PASS



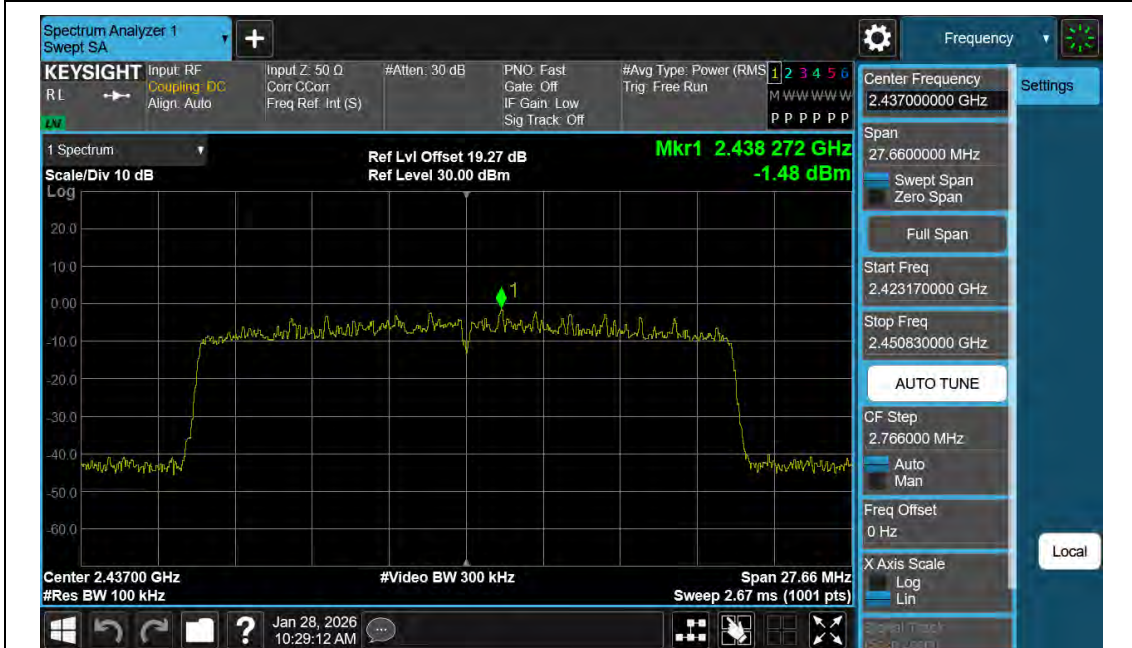
11AX20SISO-Ant1-2462-PASS



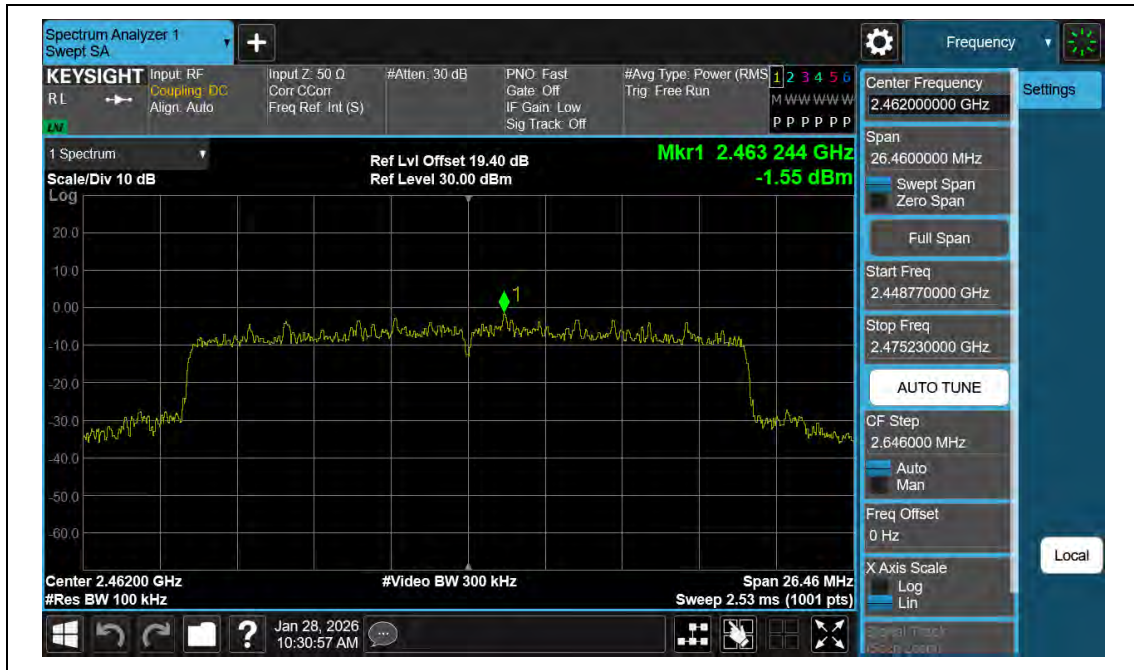
11BE20SISO-Ant1-2412-PASS



11BE20SISO-Ant1-2437-PASS



11BE20SISO-Ant1-2462-PASS



Appendix E: Band edge measurements

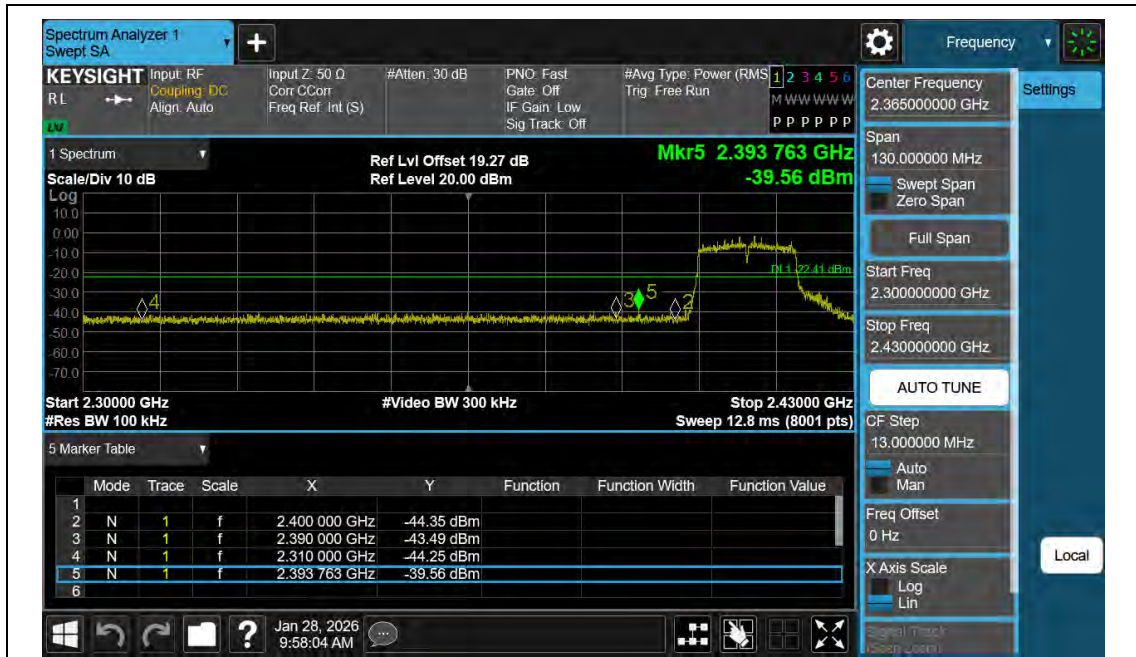
Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.63	-39.8	≤ -18.37	PASS
11B	Ant1	High	2462	2.61	-39.49	≤ -17.39	PASS
11G	Ant1	Low	2412	-2.41	-39.56	≤ -22.41	PASS
11G	Ant1	High	2462	-2.13	-39.44	≤ -22.13	PASS
11N20SISO	Ant1	Low	2412	-1.66	-38.8	≤ -21.66	PASS
11N20SISO	Ant1	High	2462	-2.28	-39.88	≤ -22.28	PASS
11AX20SISO	Ant1	Low	2412	-1.91	-39.63	≤ -21.91	PASS
11AX20SISO	Ant1	High	2462	-1.40	-40.05	≤ -21.4	PASS
11BE20SISO	Ant1	Low	2412	-1.79	-40.04	≤ -21.79	PASS
11BE20SISO	Ant1	High	2462	-1.55	-39.83	≤ -21.55	PASS

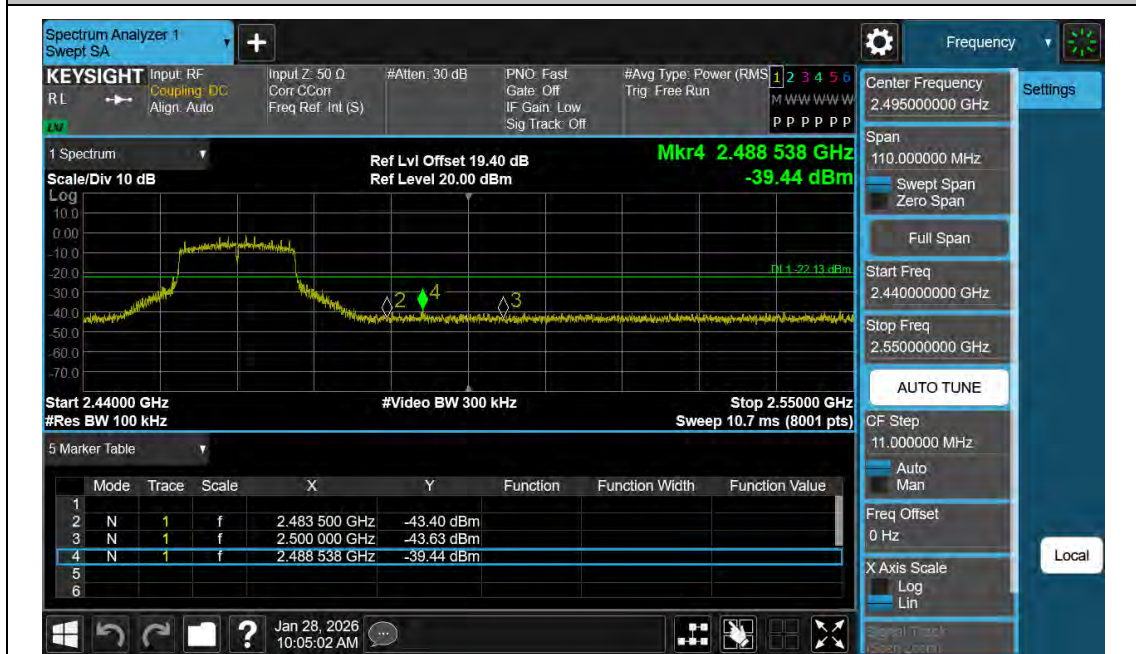


Test Graphs

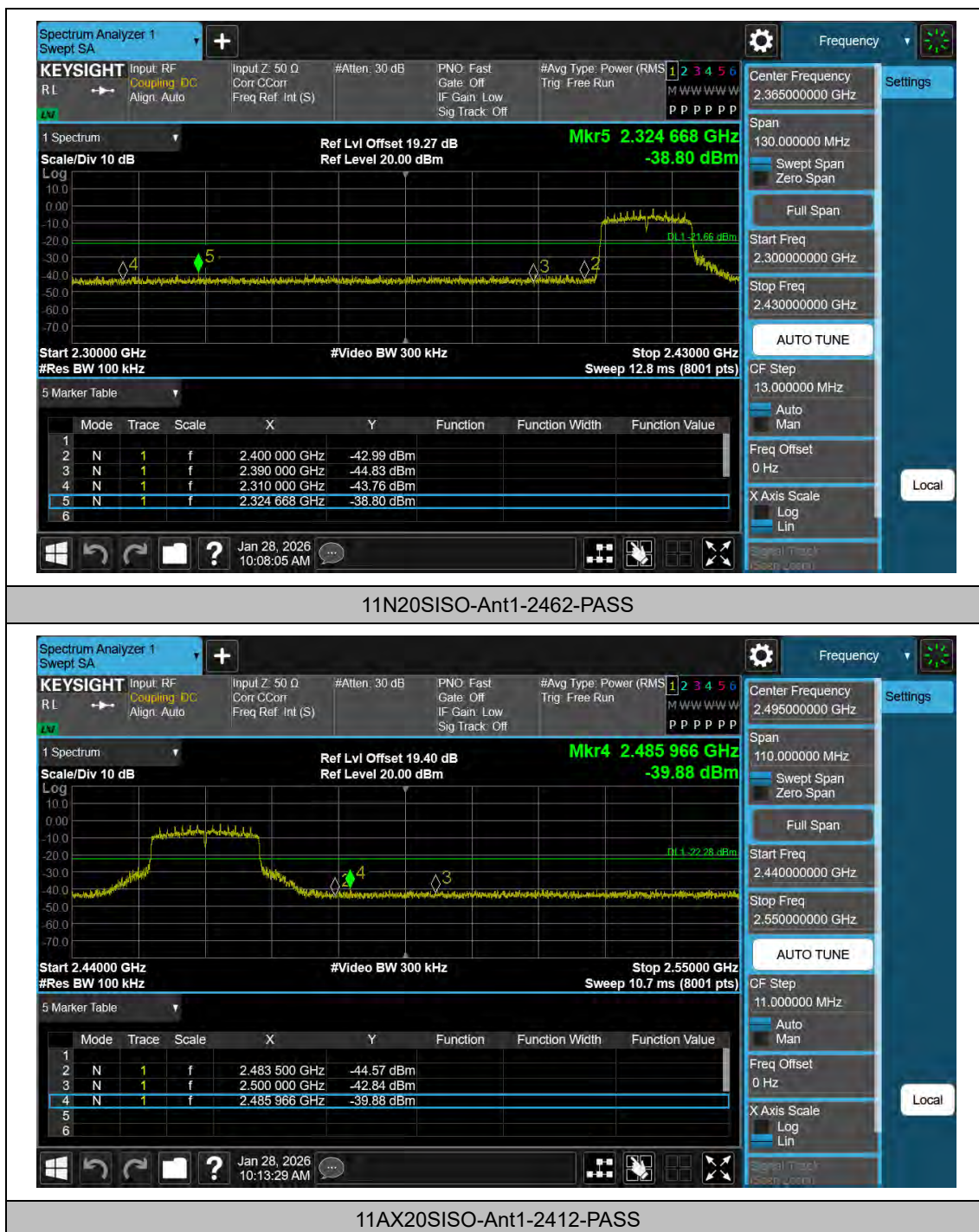


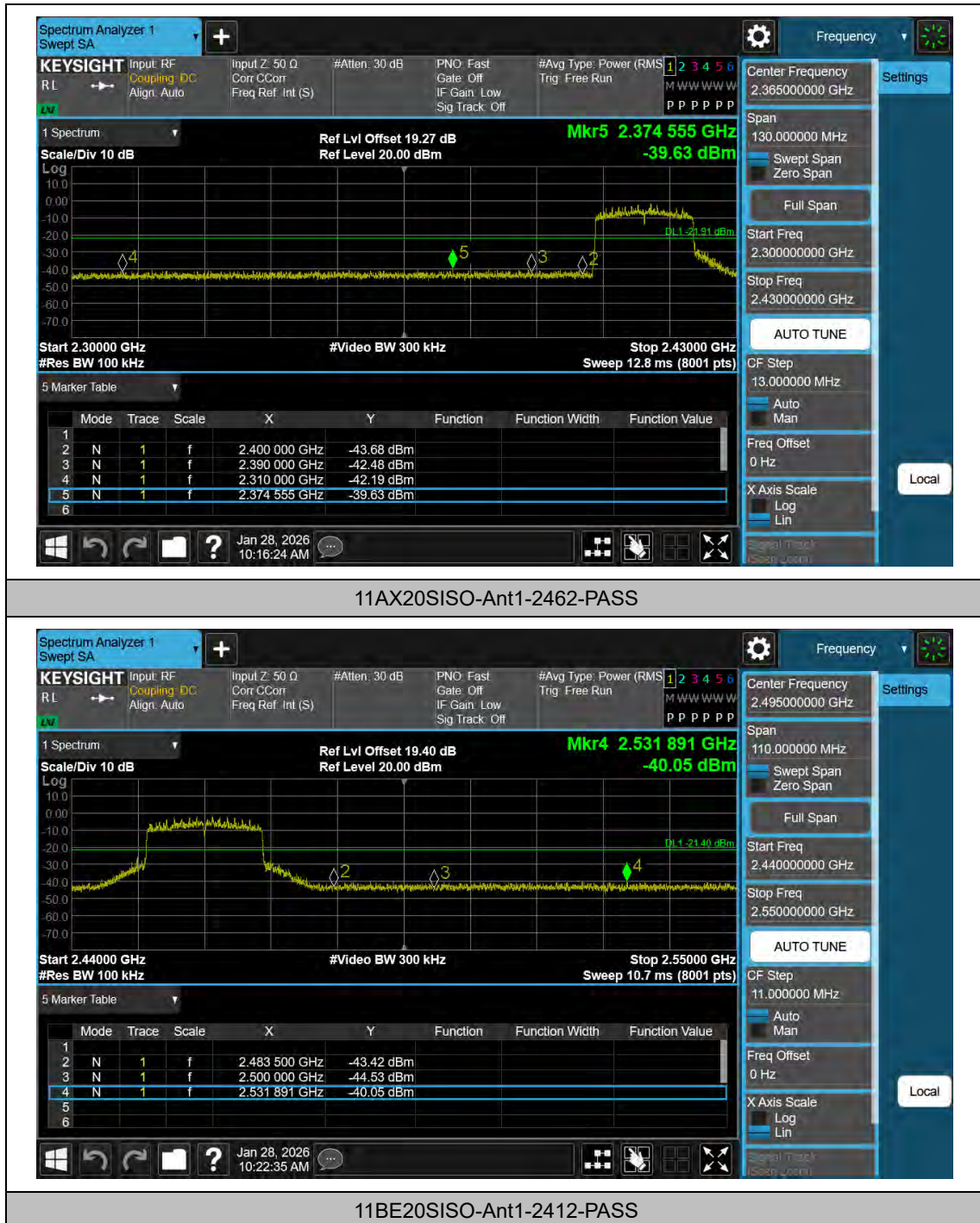


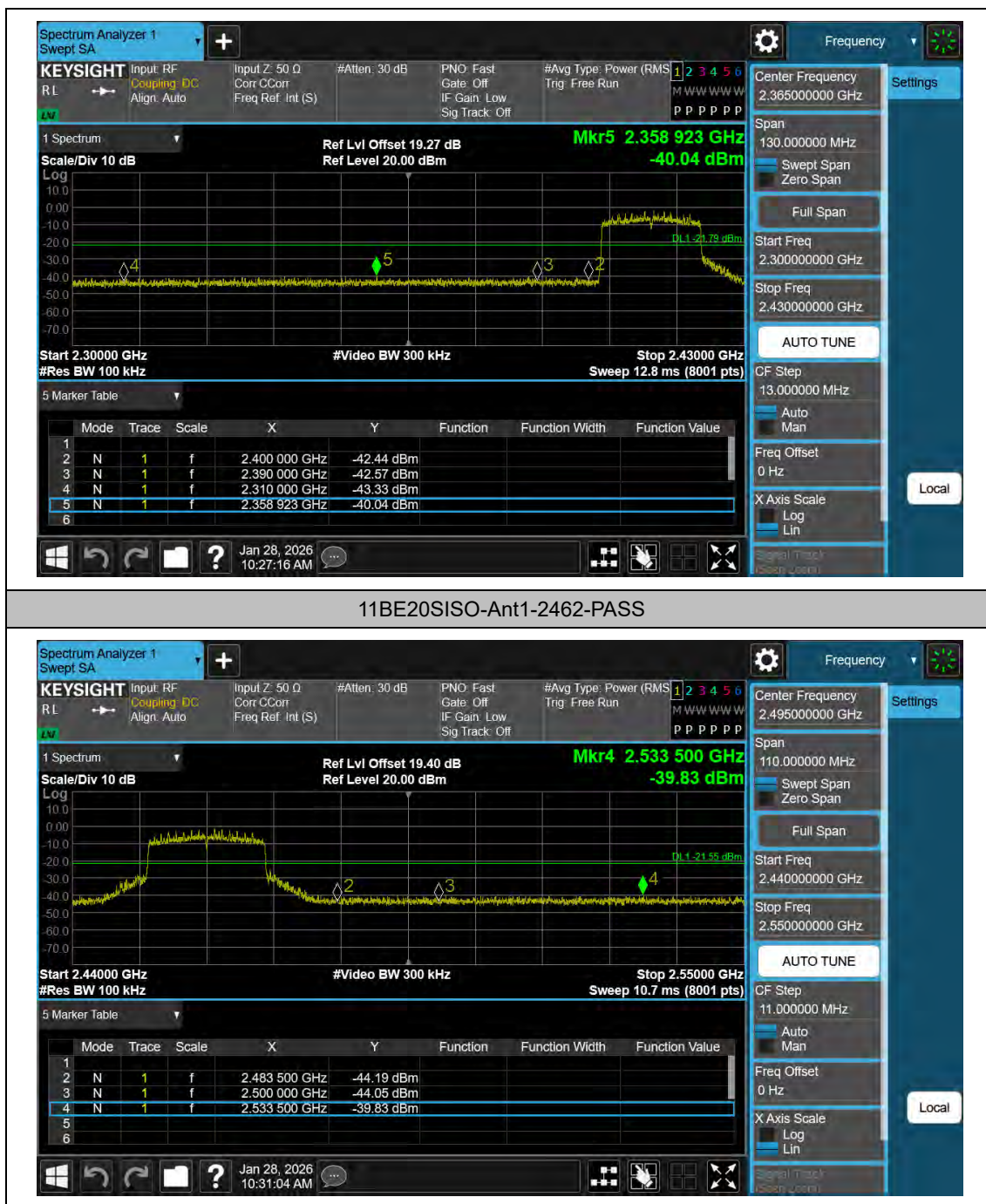
11G-Ant1-2462-PASS



11N20SISO-Ant1-2412-PASS







Appendix F: Conducted Spurious Emission

Test Result

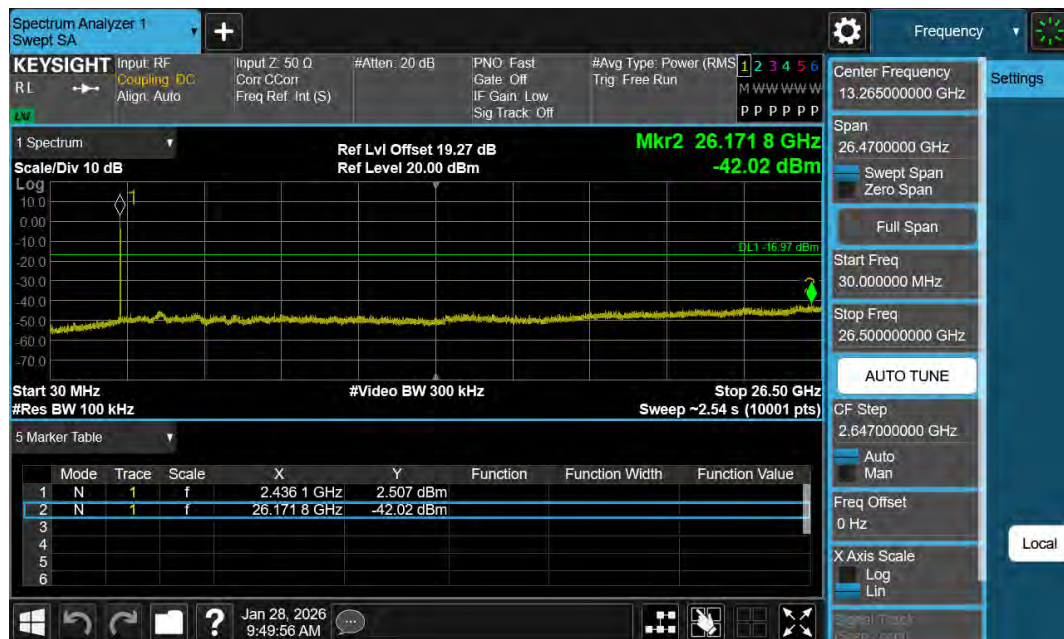
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	1.63	-42.4	≤-18.37	PASS
11B	Ant1	2437	30~26500	3.03	-42.02	≤-16.97	PASS
11B	Ant1	2462	30~26500	2.61	-41.95	≤-17.39	PASS
11G	Ant1	2412	30~26500	-2.41	-42.17	≤-22.41	PASS
11G	Ant1	2437	30~26500	-3.09	-41.53	≤-23.09	PASS
11G	Ant1	2462	30~26500	-2.13	-42.16	≤-22.13	PASS
11N20SISO	Ant1	2412	30~26500	-1.66	-42.32	≤-21.66	PASS
11N20SISO	Ant1	2437	30~26500	-2.04	-42.38	≤-22.04	PASS
11N20SISO	Ant1	2462	30~26500	-2.28	-41.88	≤-22.28	PASS
11AX20SISO	Ant1	2412	30~26500	-1.91	-42.23	≤-21.91	PASS
11AX20SISO	Ant1	2437	30~26500	-1.30	-42.8	≤-21.3	PASS
11AX20SISO	Ant1	2462	30~26500	-1.40	-41.75	≤-21.4	PASS
11BE20SISO	Ant1	2412	30~26500	-1.79	-42.22	≤-21.79	PASS
11BE20SISO	Ant1	2437	30~26500	-1.48	-41.53	≤-21.48	PASS
11BE20SISO	Ant1	2462	30~26500	-1.55	-41.52	≤-21.55	PASS

Test Graphs

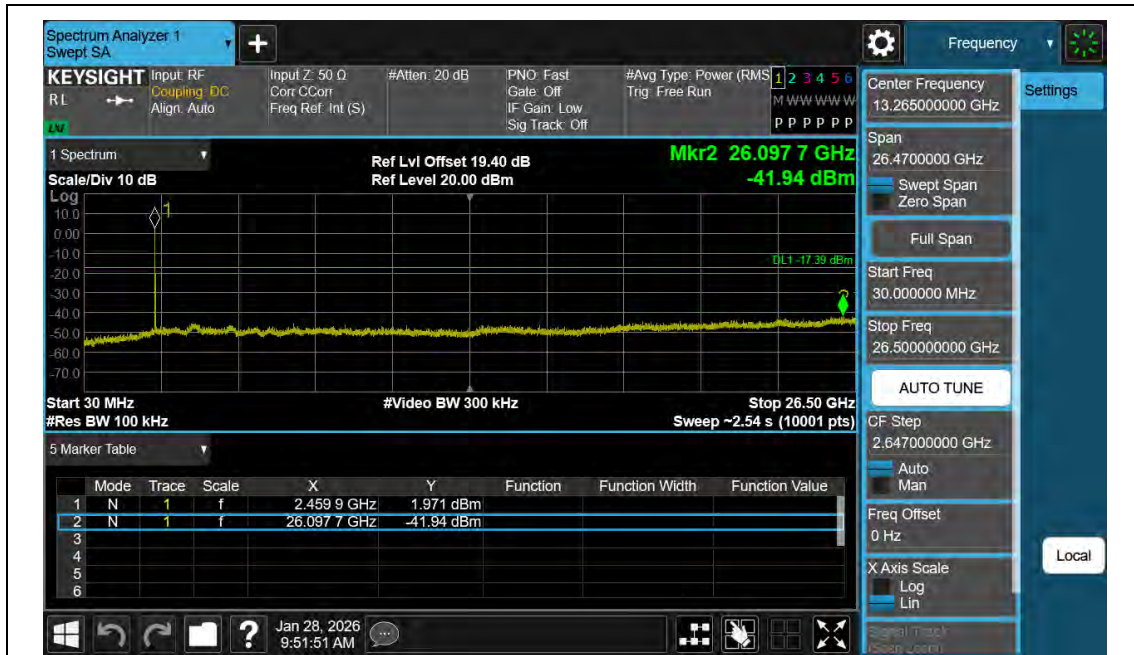
11B-Ant1-2412-30~26500-PASS



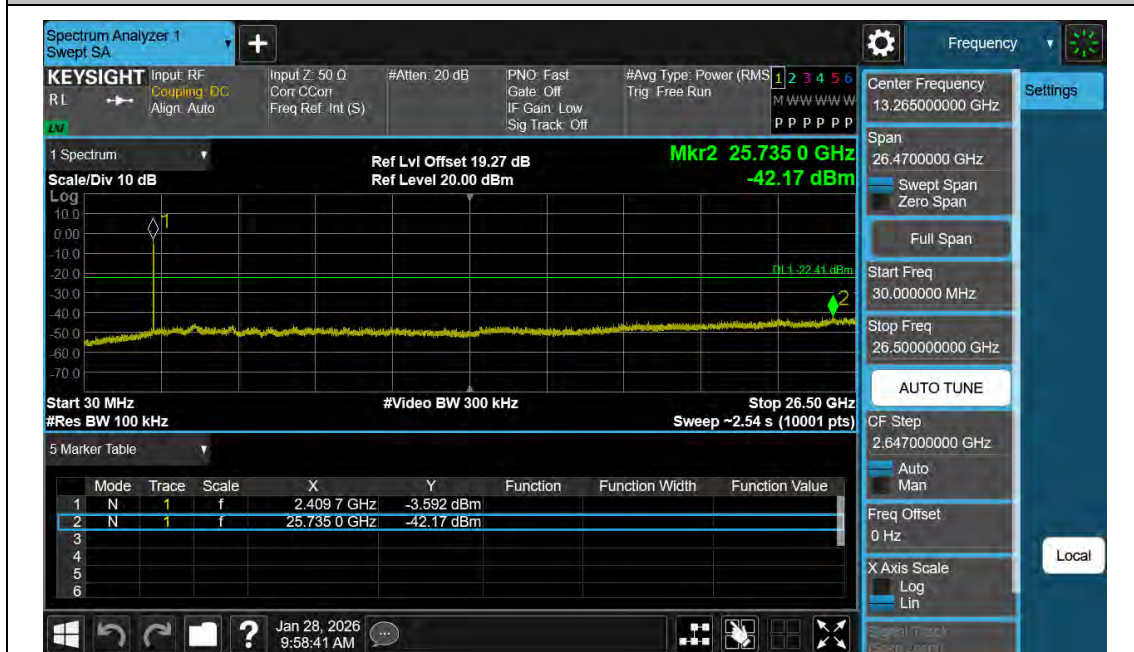
11B-Ant1-2437-30~26500-PASS



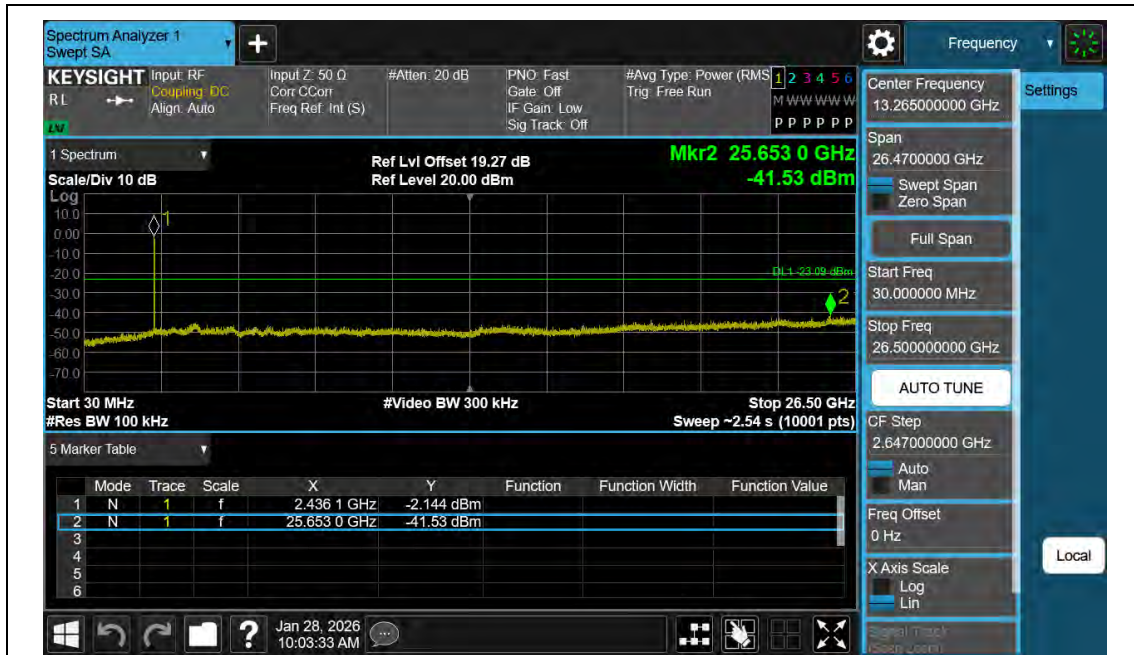
11B-Ant1-2462-30~26500-PASS



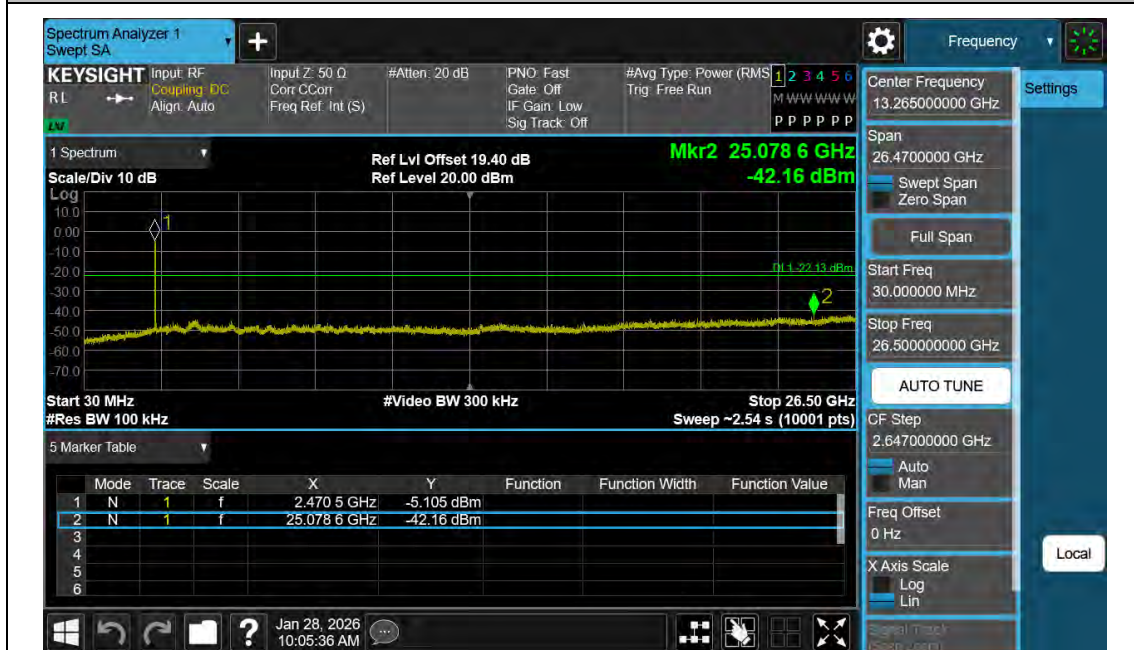
11G-Ant1-2412-30~26500-PASS



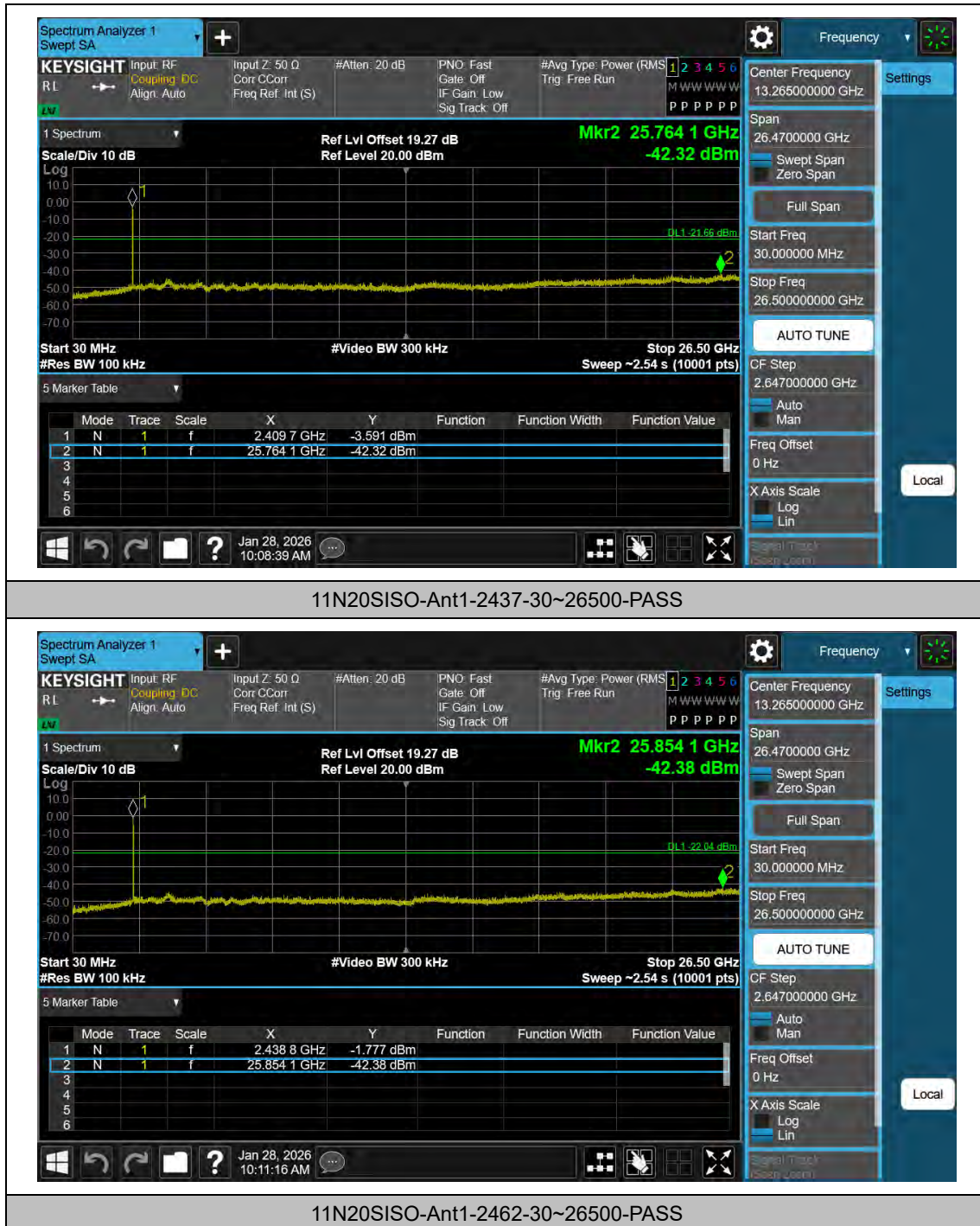
11G-Ant1-2437-30~26500-PASS

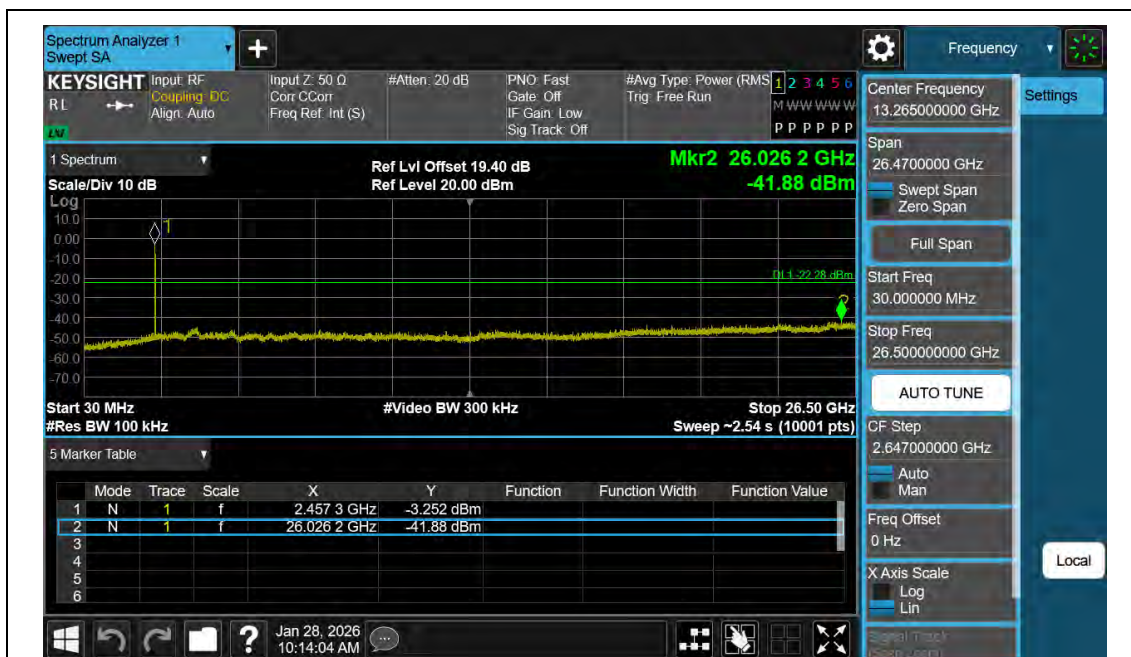


11G-Ant1-2462-30~26500-PASS

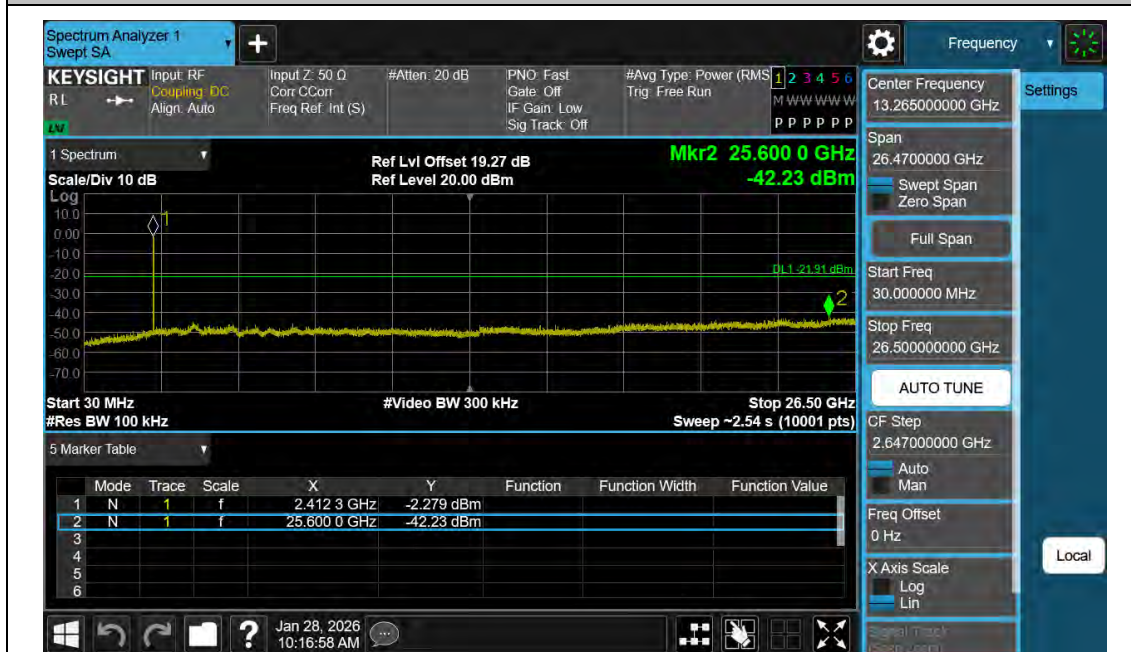


11N20SISO-Ant1-2412-30~26500-PASS

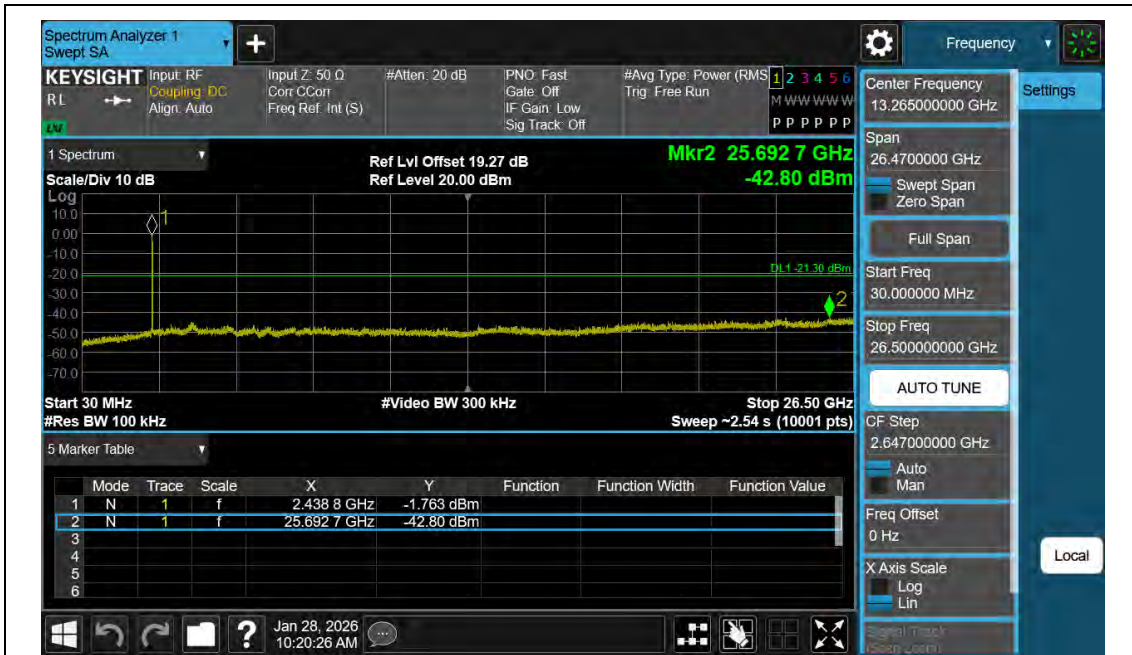




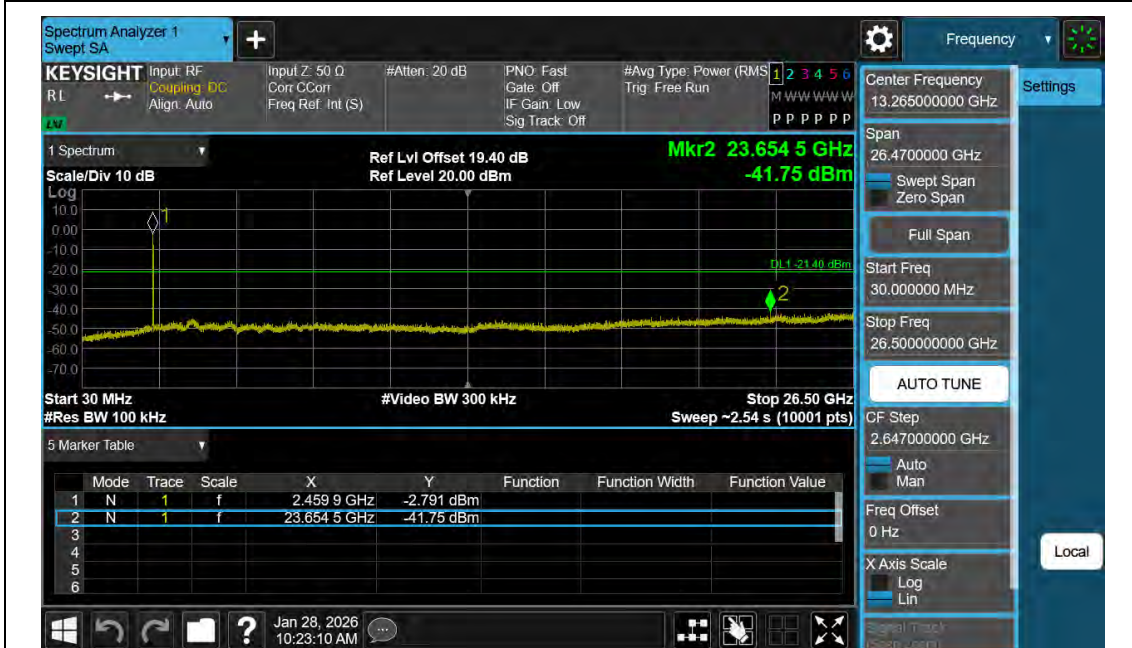
11AX20SISO-Ant1-2412-30~26500-PASS



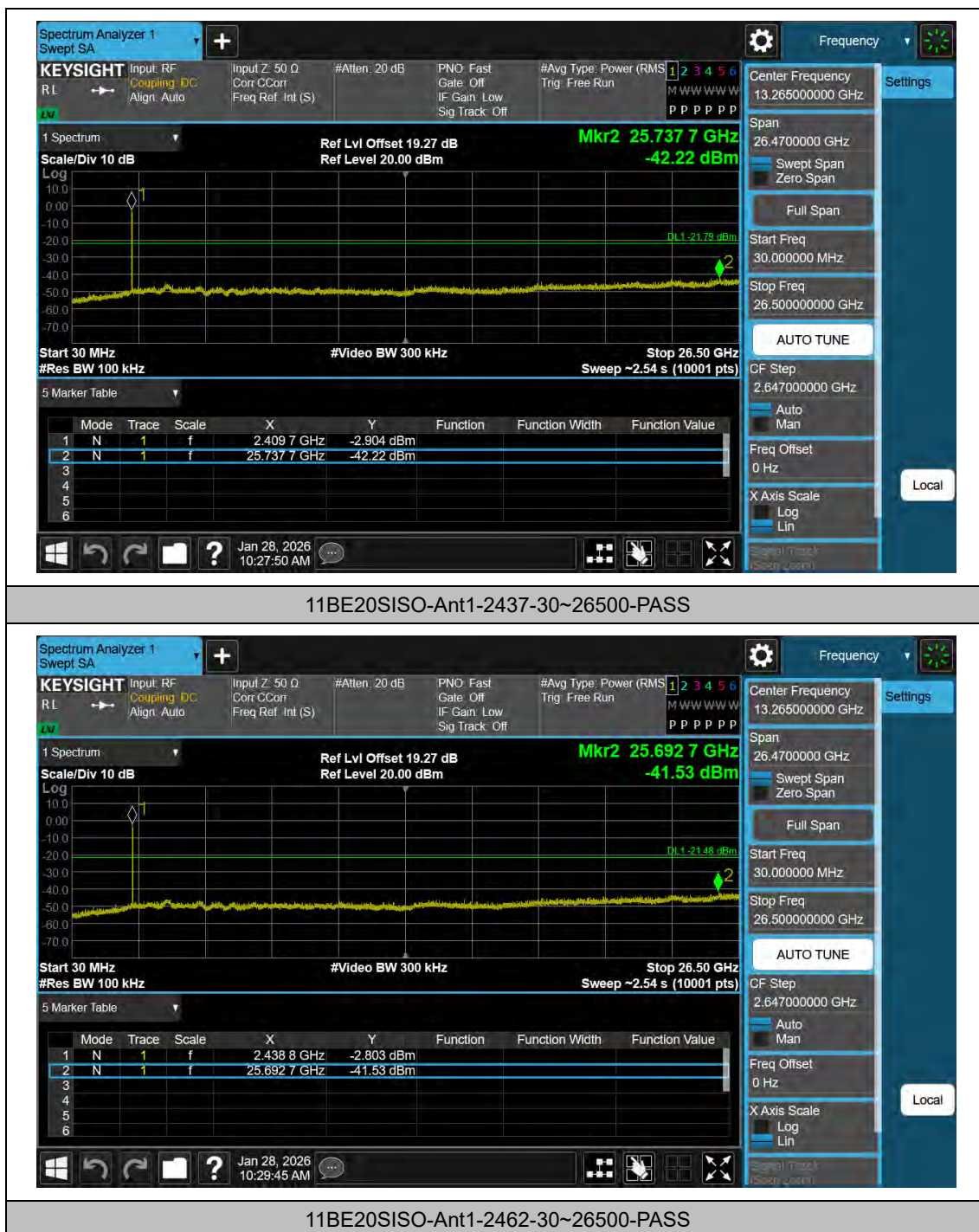
11AX20SISO-Ant1-2437-30~26500-PASS



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



11BE20SISO-Ant1-2412-30~26500-PASS

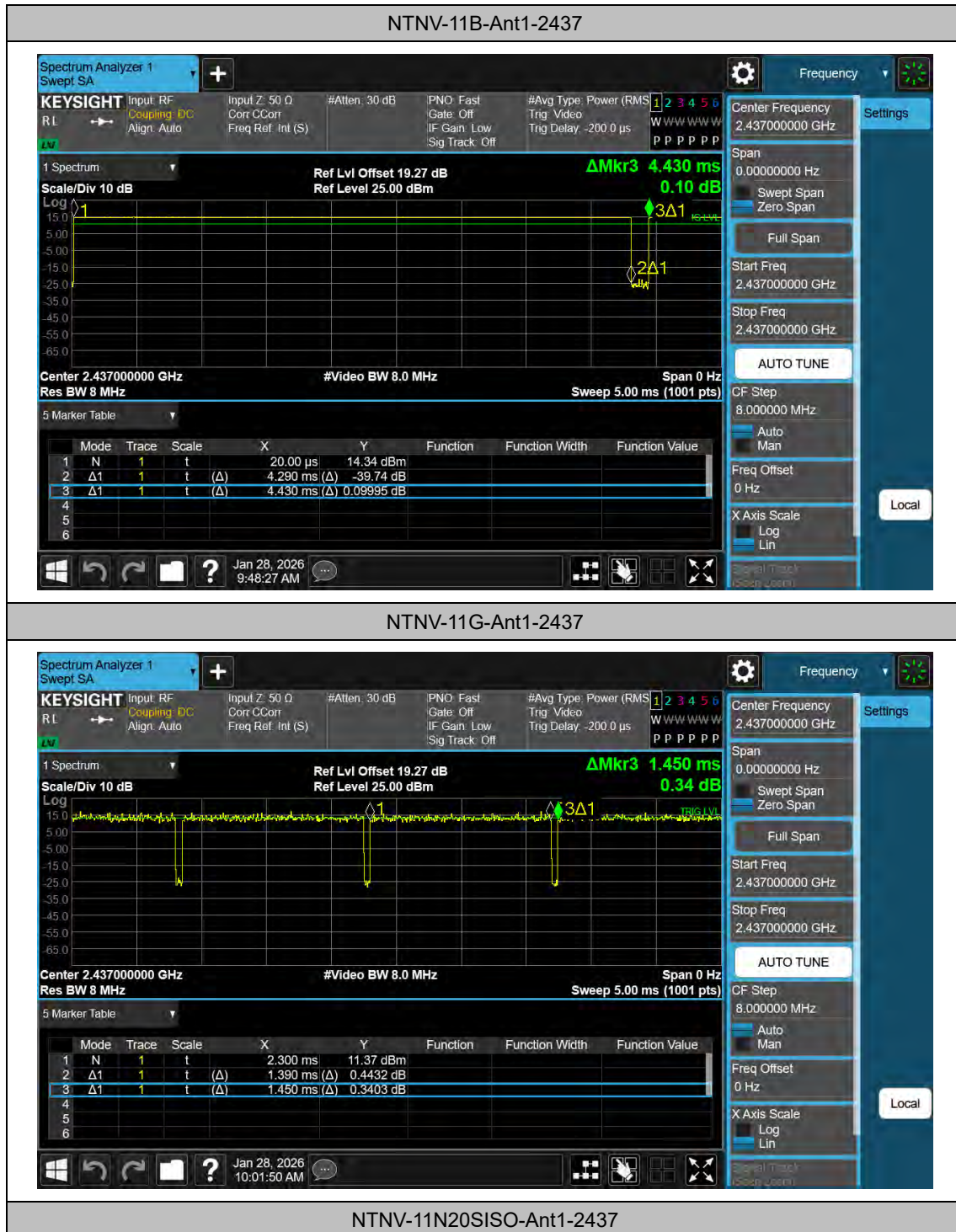


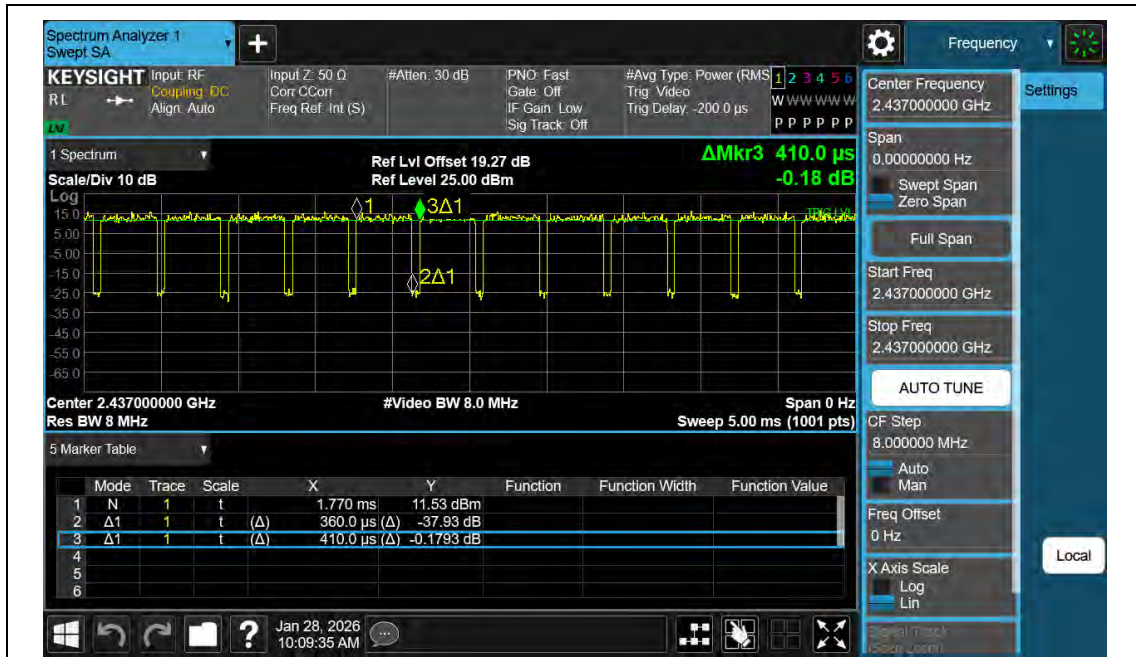


Appendix G: Duty Cycle

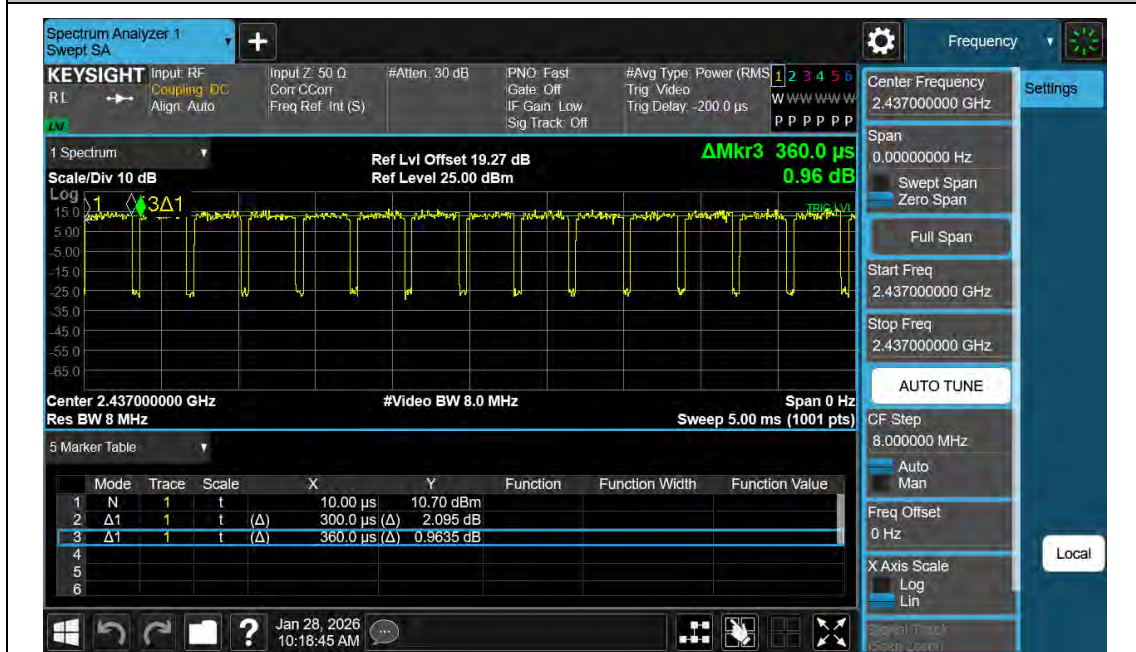
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	4.29	4.43	96.84
11G	Ant1	2437	1.39	1.45	95.86
11N20SISO	Ant1	2437	0.36	0.41	87.80
11AX20SISO	Ant1	2437	0.30	0.36	83.33
11BE20SISO	Ant1	2437	0.31	0.36	86.11





NTNV-11AX20SISO-Ant1-2437



NTNV-11BE20SISO-Ant1-2437

