

Appendix for WIFI

Product Name: EcoFlow RAPID Pro Power
Bank(27K,300W, 140W Built-in Cable)
Model No: EF-HB-140

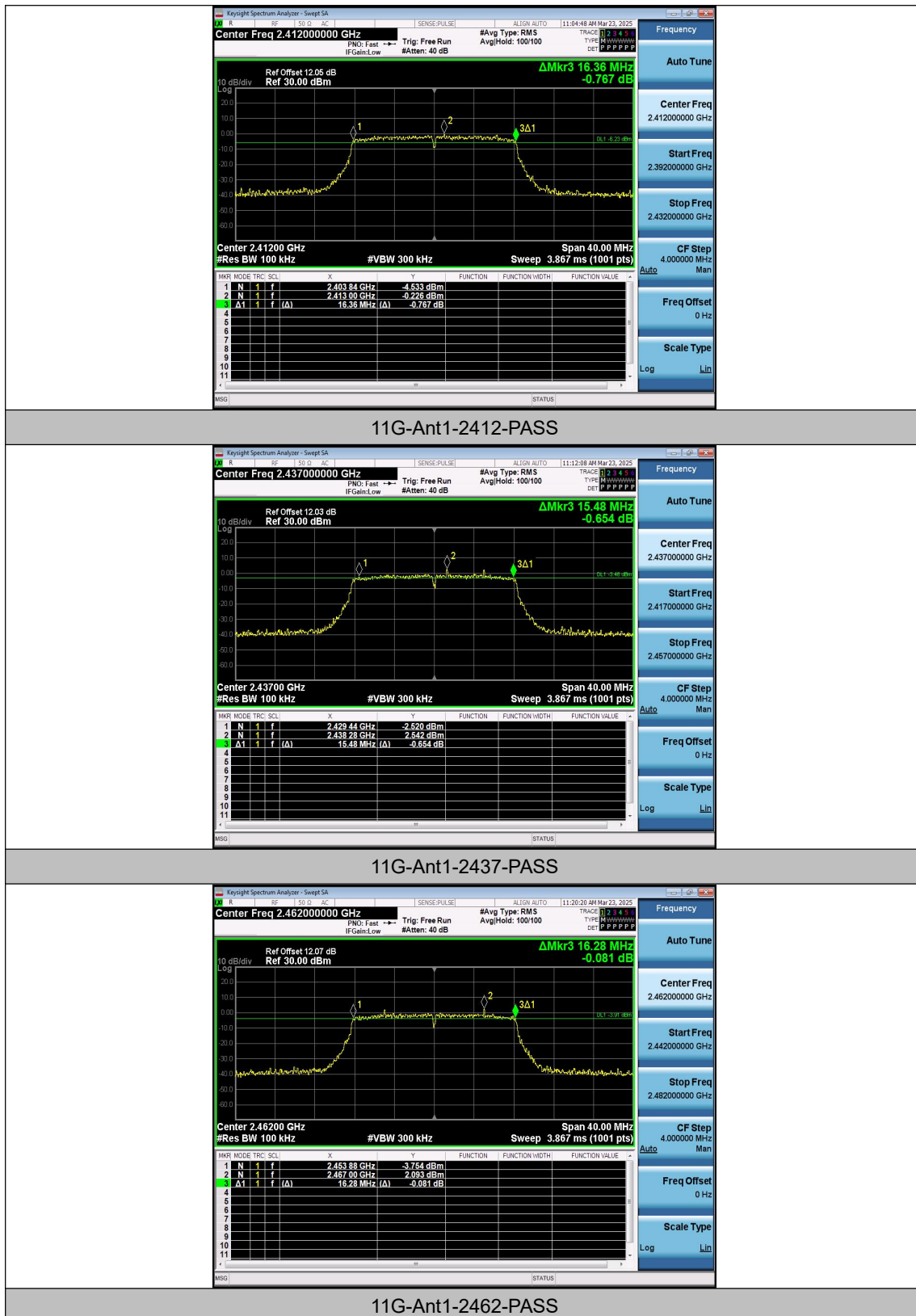
Appendix A: DTS Bandwidth

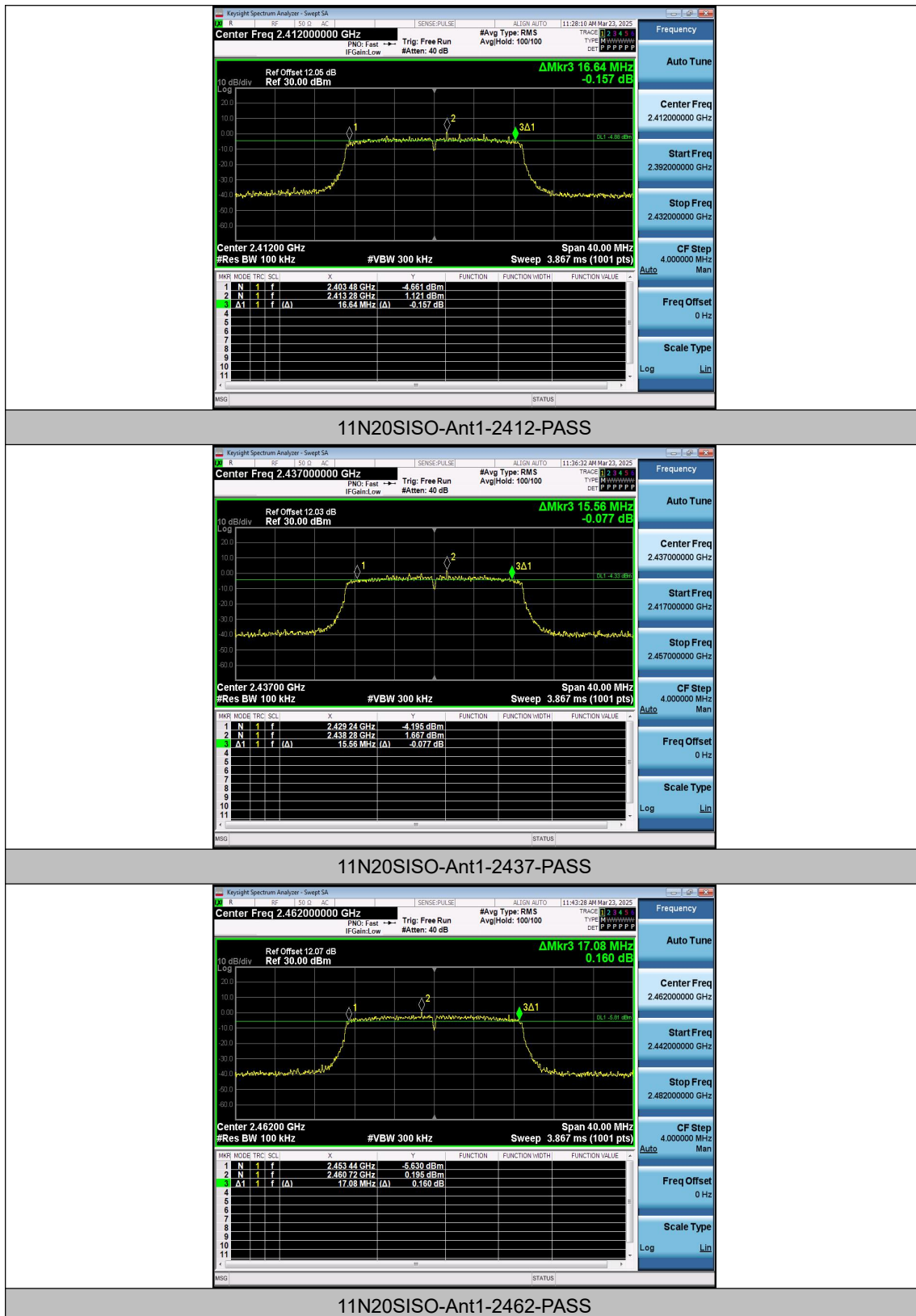
Test Result

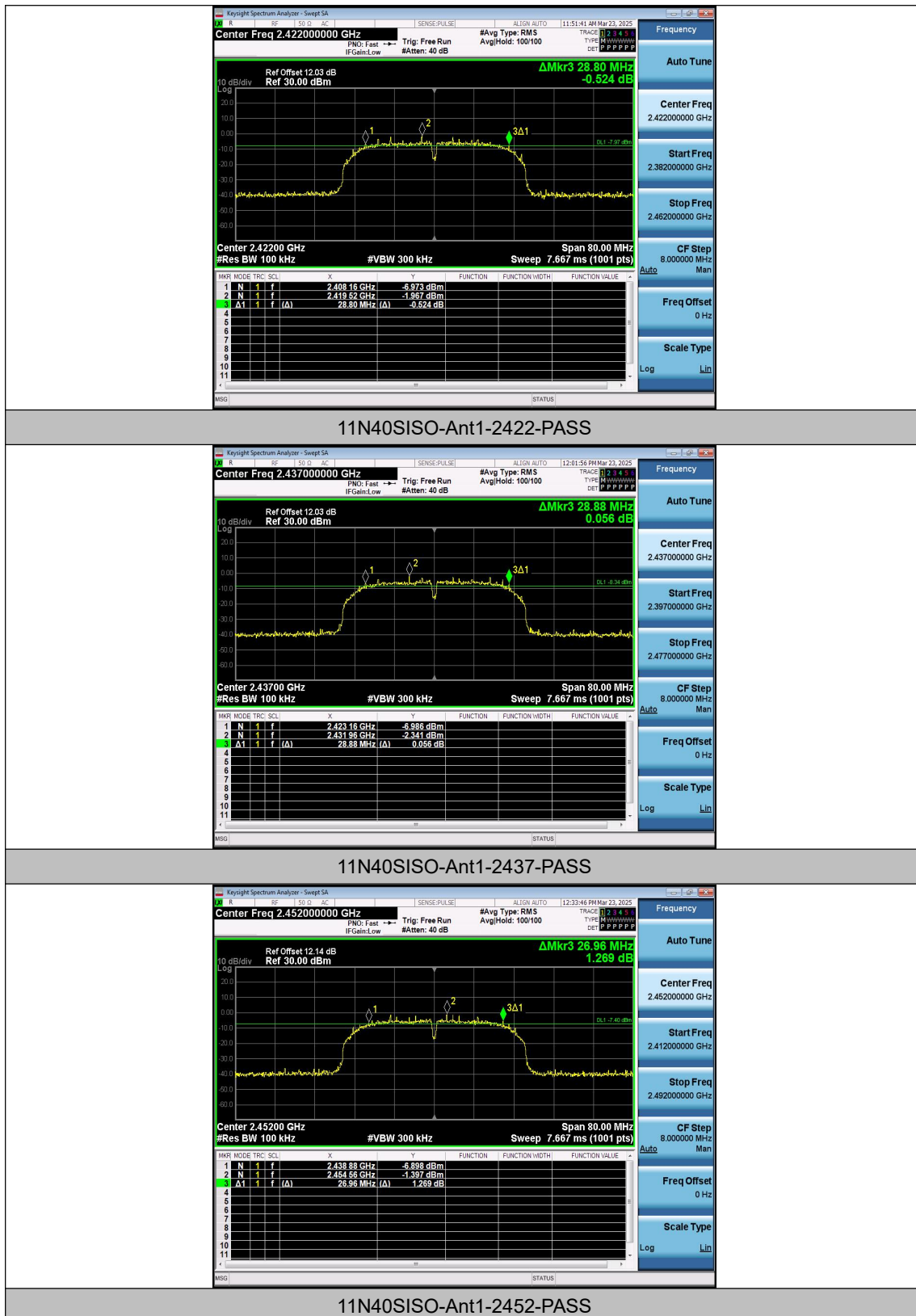
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.760	2407.440	2416.200	0.5	PASS
11B	Ant1	2437	8.320	2432.800	2441.120	0.5	PASS
11B	Ant1	2462	9.000	2457.520	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
11G	Ant1	2437	15.480	2429.440	2444.920	0.5	PASS
11G	Ant1	2462	16.280	2453.880	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.640	2403.480	2420.120	0.5	PASS
11N20SISO	Ant1	2437	15.560	2429.240	2444.800	0.5	PASS
11N20SISO	Ant1	2462	17.080	2453.440	2470.520	0.5	PASS
11N40SISO	Ant1	2422	28.800	2408.160	2436.960	0.5	PASS
11N40SISO	Ant1	2437	28.880	2423.160	2452.040	0.5	PASS
11N40SISO	Ant1	2452	26.960	2438.880	2465.840	0.5	PASS
11AX20SISO	Ant1	2412	17.800	2403.160	2420.960	0.5	PASS
11AX20SISO	Ant1	2437	17.720	2428.160	2445.880	0.5	PASS
11AX20SISO	Ant1	2462	16.840	2453.560	2470.400	0.5	PASS

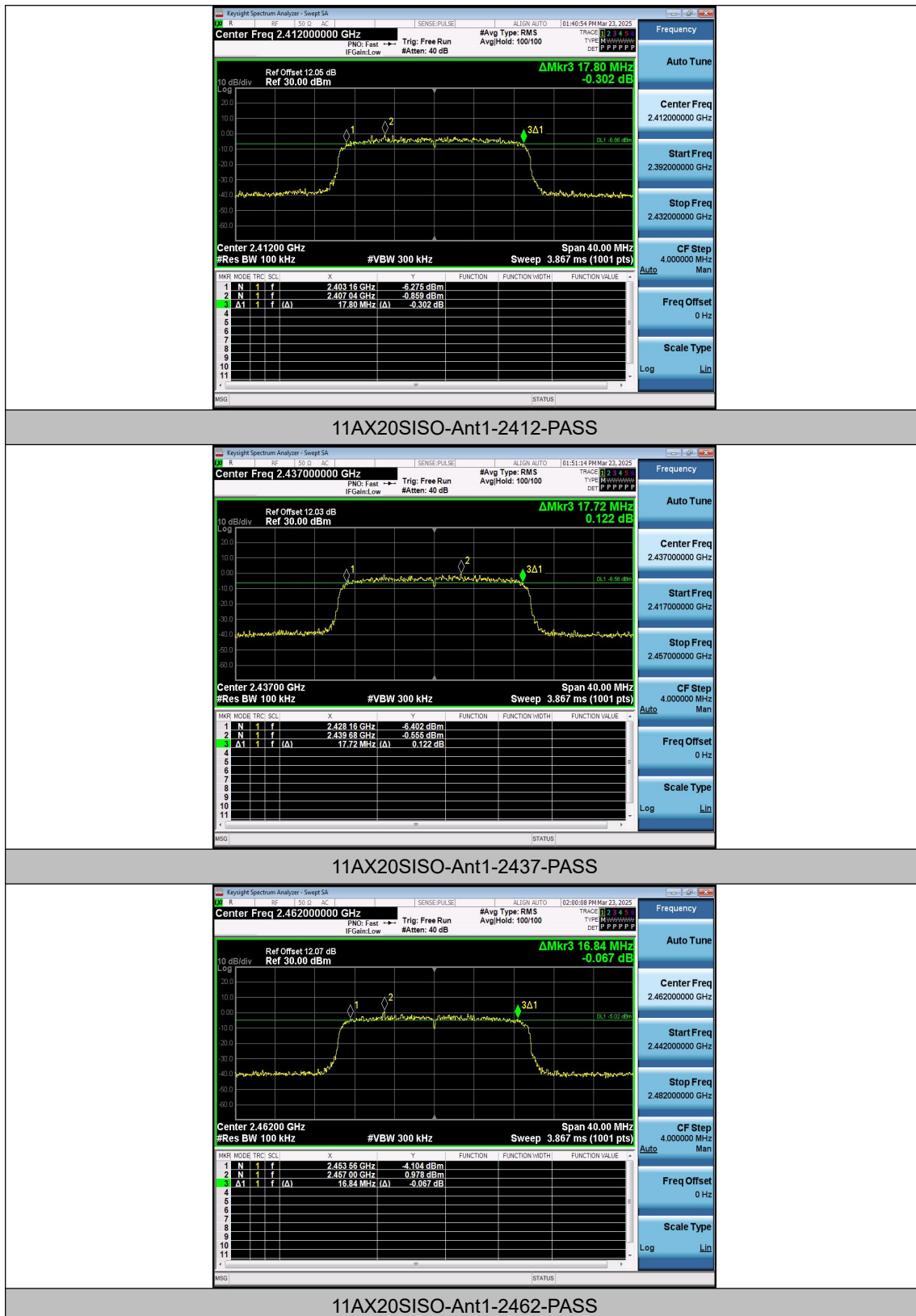
Test Graphs











Appendix B: Maximum conducted output power

Test Result Peak

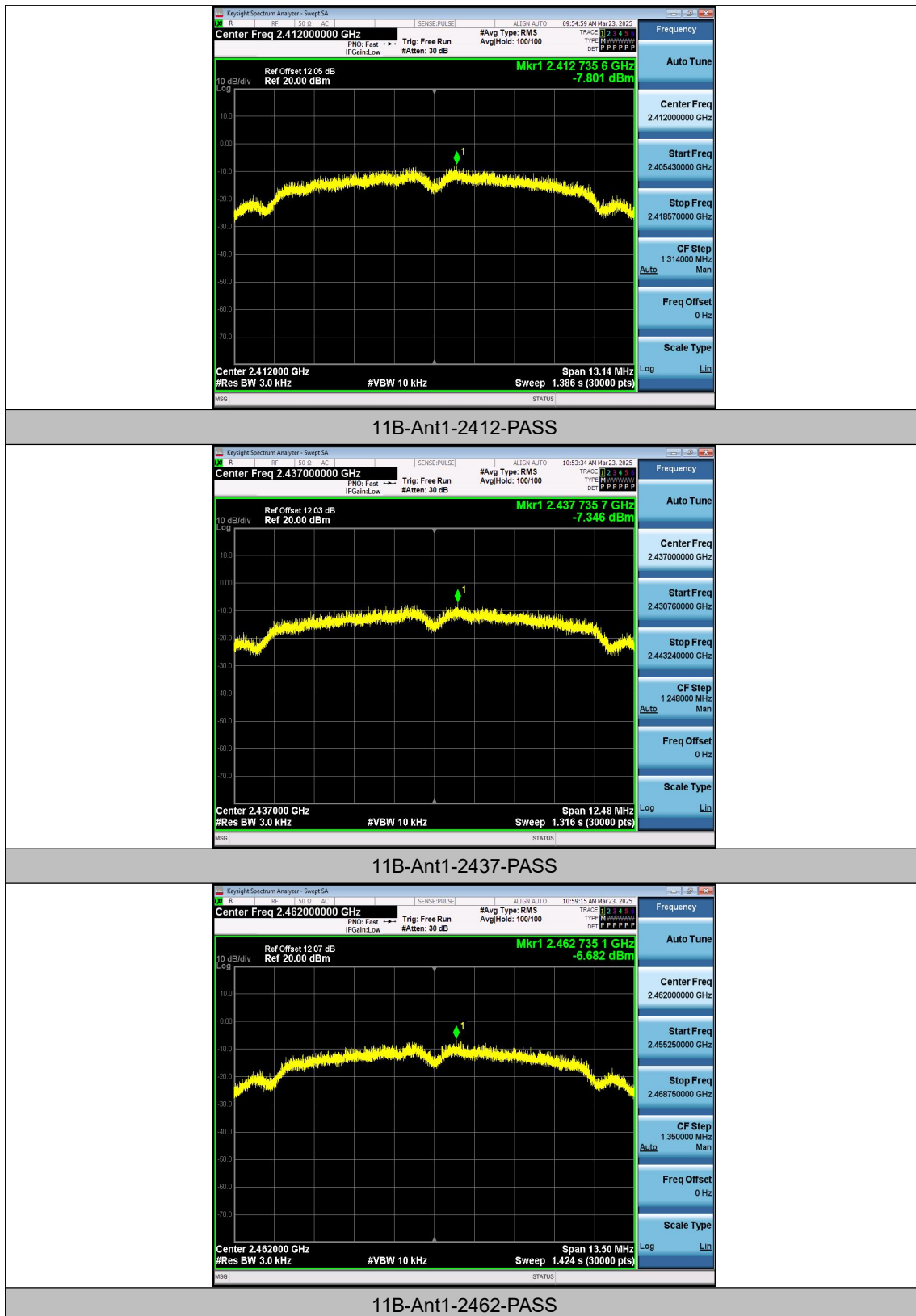
TestMode	Antenna	Frequency [MHz]	Peak Power [dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	14.47	≤30.00	PASS
11B	Ant1	2437	14.87	≤30.00	PASS
11B	Ant1	2462	15.48	≤30.00	PASS
11G	Ant1	2412	12.81	≤30.00	PASS
11G	Ant1	2437	13.19	≤30.00	PASS
11G	Ant1	2462	13.40	≤30.00	PASS
11N20SISO	Ant1	2412	11.73	≤30.00	PASS
11N20SISO	Ant1	2437	12.42	≤30.00	PASS
11N20SISO	Ant1	2462	12.55	≤30.00	PASS
11N40SISO	Ant1	2422	11.60	≤30.00	PASS
11N40SISO	Ant1	2437	11.62	≤30.00	PASS
11N40SISO	Ant1	2452	11.89	≤30.00	PASS
11AX20SISO	Ant1	2412	11.52	≤30.00	PASS
11AX20SISO	Ant1	2437	11.19	≤30.00	PASS
11AX20SISO	Ant1	2462	11.53	≤30.00	PASS

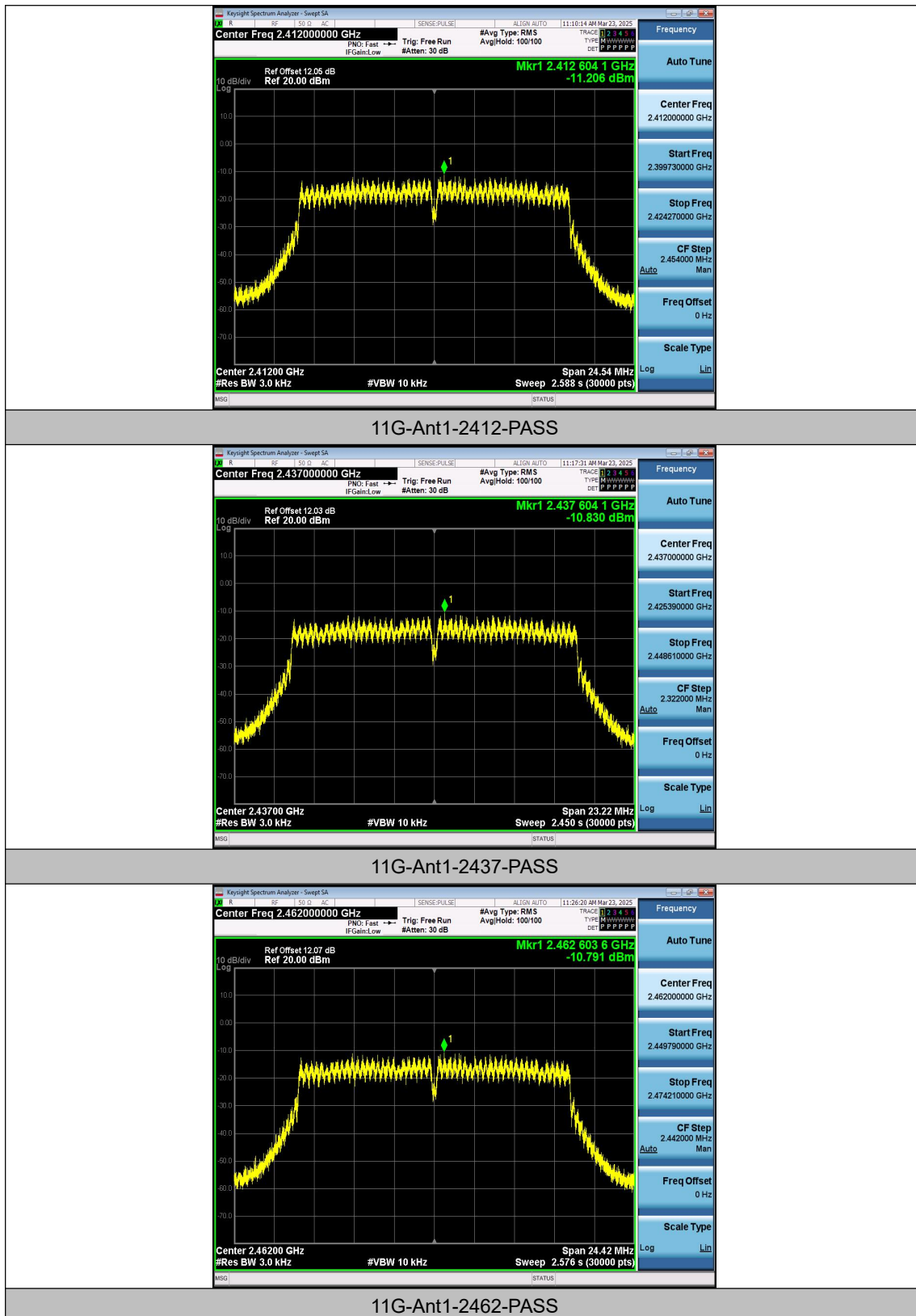
Appendix C: Maximum power spectral density

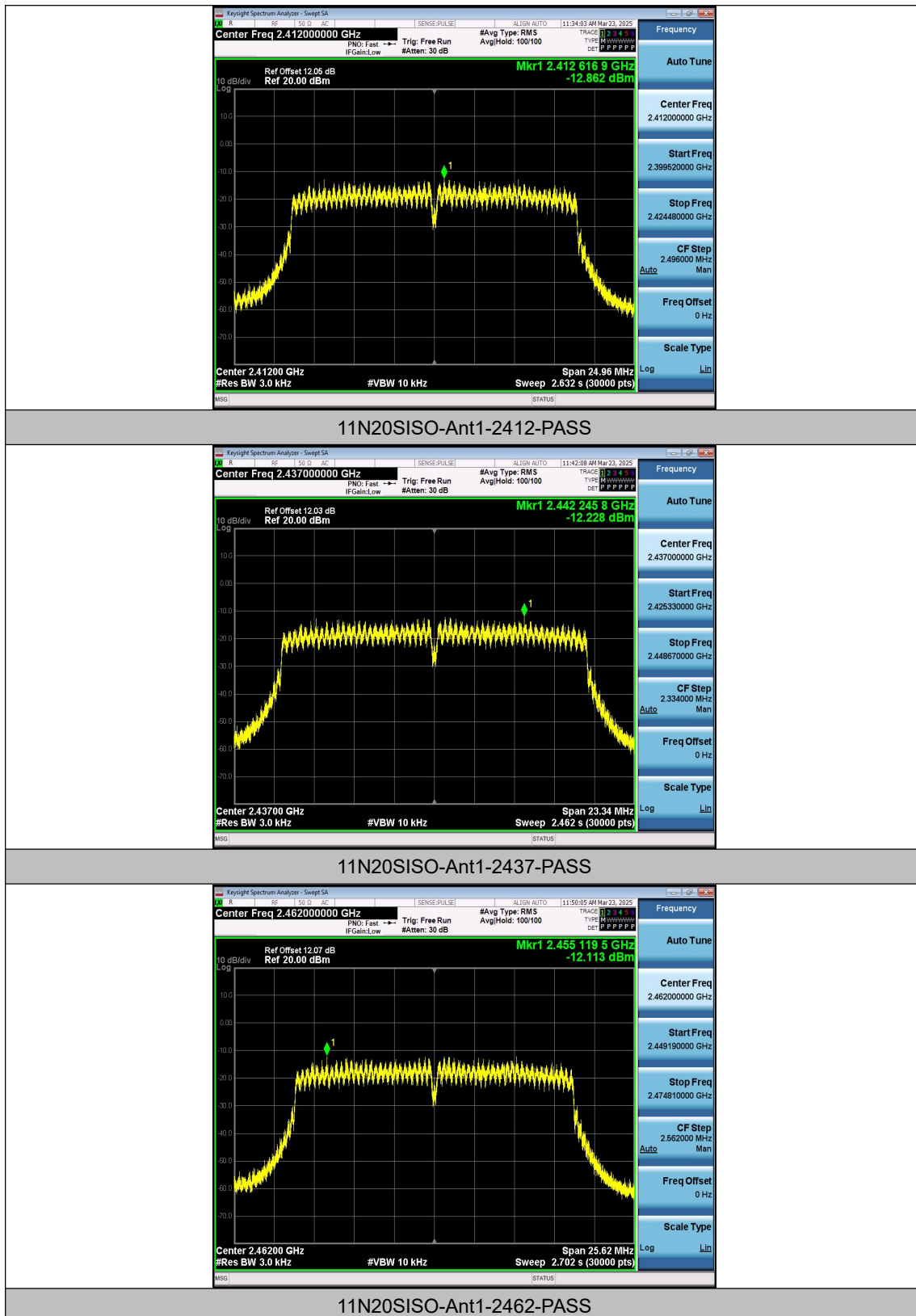
Test Result

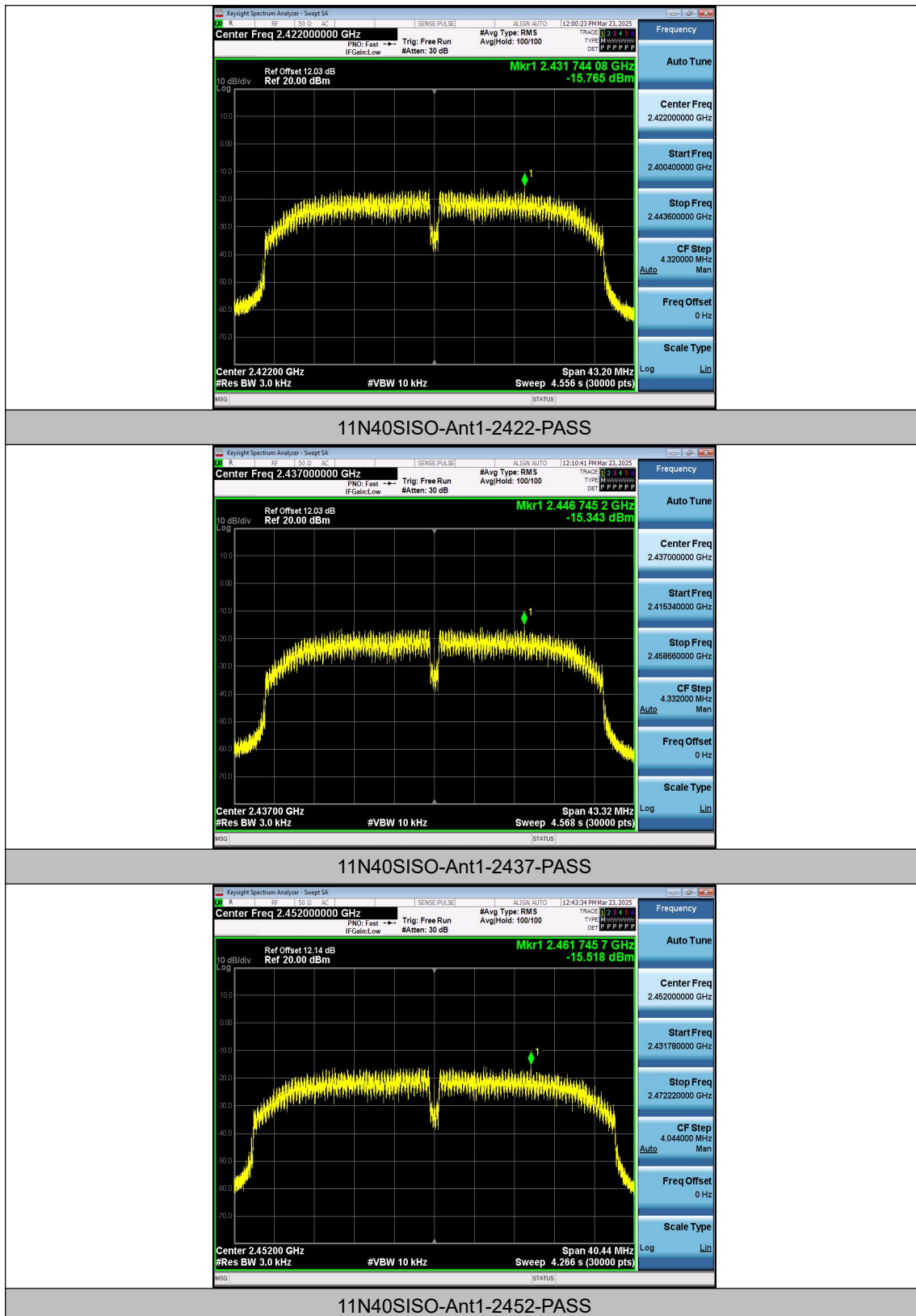
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.80	≤8.00	PASS
11B	Ant1	2437	-7.35	≤8.00	PASS
11B	Ant1	2462	-6.68	≤8.00	PASS
11G	Ant1	2412	-11.21	≤8.00	PASS
11G	Ant1	2437	-10.83	≤8.00	PASS
11G	Ant1	2462	-10.79	≤8.00	PASS
11N20SISO	Ant1	2412	-12.86	≤8.00	PASS
11N20SISO	Ant1	2437	-12.23	≤8.00	PASS
11N20SISO	Ant1	2462	-12.11	≤8.00	PASS
11N40SISO	Ant1	2422	-15.77	≤8.00	PASS
11N40SISO	Ant1	2437	-15.34	≤8.00	PASS
11N40SISO	Ant1	2452	-15.52	≤8.00	PASS
11AX20SISO	Ant1	2412	-10.46	≤8.00	PASS
11AX20SISO	Ant1	2437	-9.95	≤8.00	PASS
11AX20SISO	Ant1	2462	-9.71	≤8.00	PASS

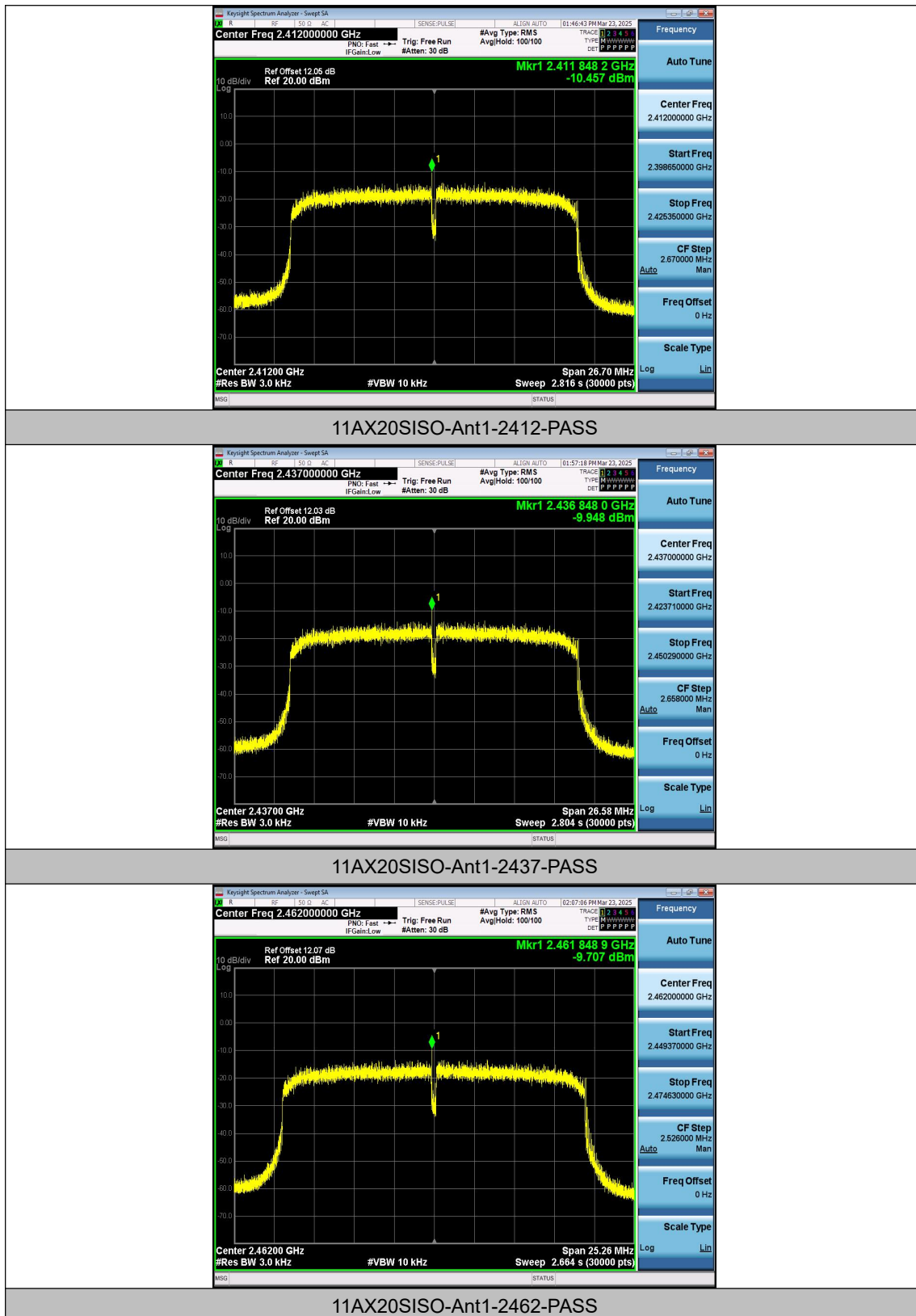
Test Graphs











Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.53	5.32
11B	Ant1	2437	2437.97	5.52
11B	Ant1	2462	2460.42	6.79
11G	Ant1	2412	2414.50	1.52
11G	Ant1	2437	2438.23	1.98
11G	Ant1	2462	2465.76	2.01
11N20SISO	Ant1	2412	2413.30	0.95
11N20SISO	Ant1	2437	2435.72	0.03
11N20SISO	Ant1	2462	2469.48	-1.34
11N40SISO	Ant1	2422	2419.54	-2.66
11N40SISO	Ant1	2437	2441.98	-2.03
11N40SISO	Ant1	2452	2446.99	-1.99
11AX20SISO	Ant1	2412	2410.75	0.04
11AX20SISO	Ant1	2437	2438.25	1.03
11AX20SISO	Ant1	2462	2464.68	-0.41

Test Graphs





