

Appendix for WIFI

Product Name: EcoFlow RAPID Pro Power Bank (20K,
230W, 100W Built-in Cable)

Model No: EF-HB-100

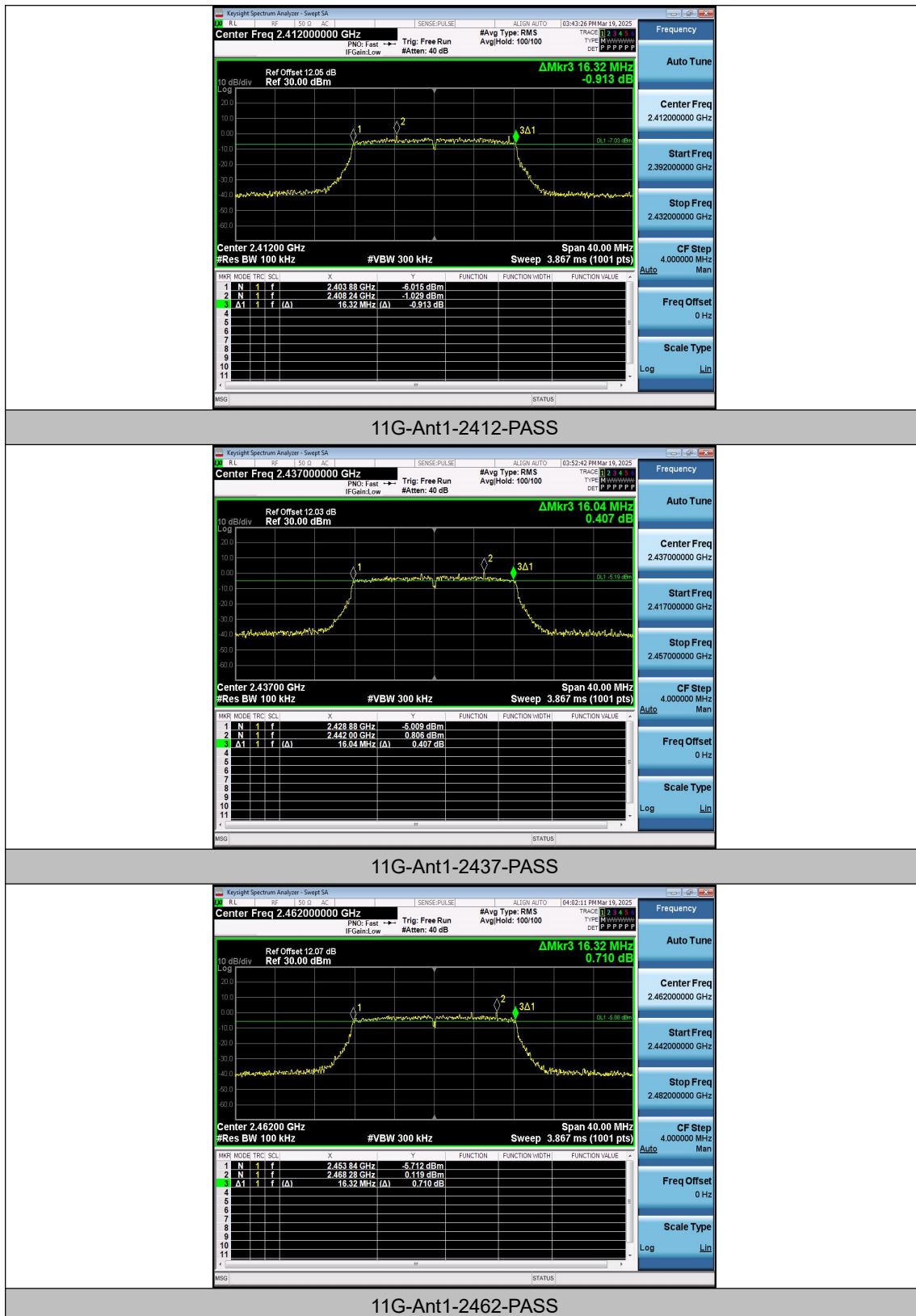
Appendix A: DTS Bandwidth

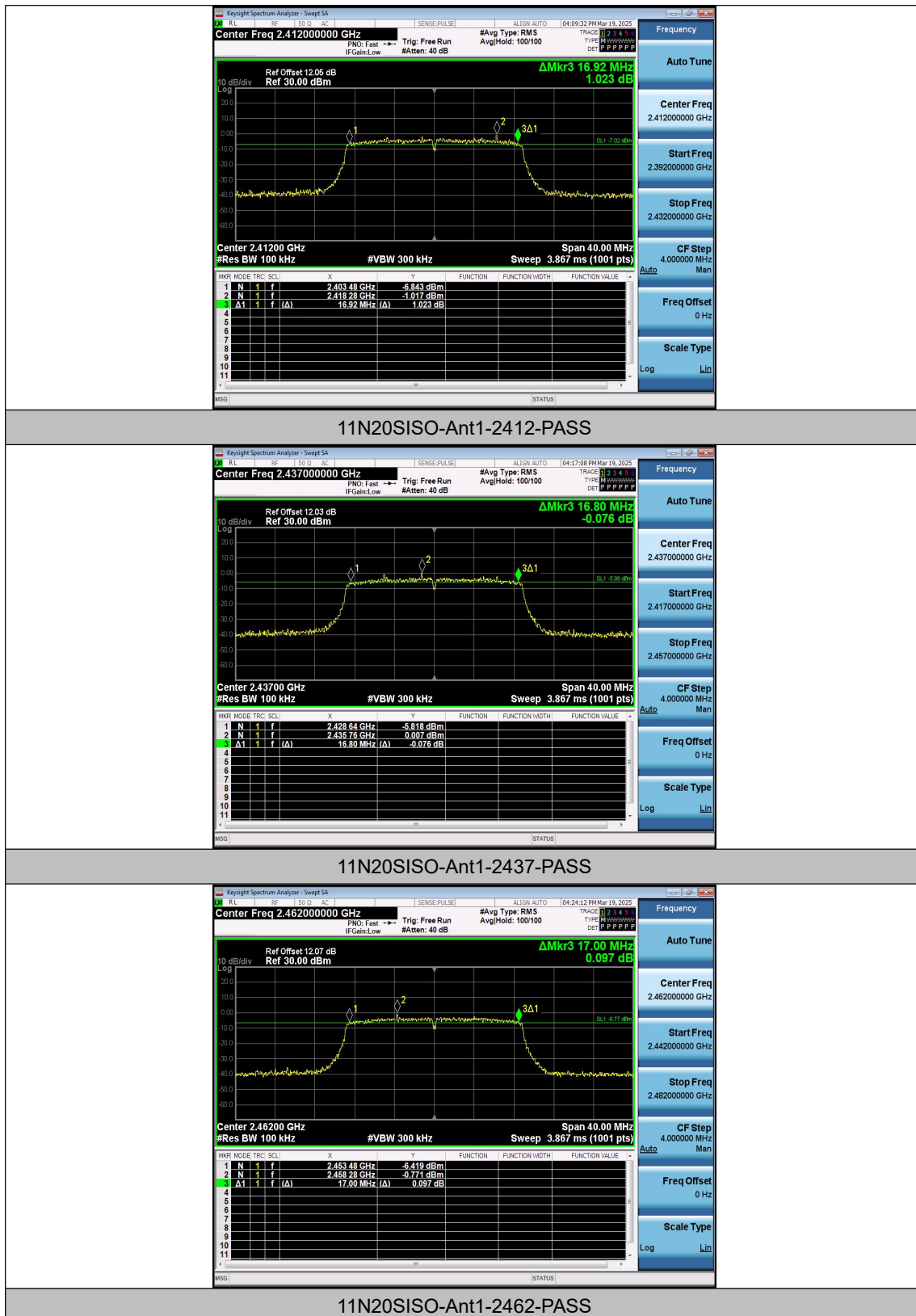
Test Result

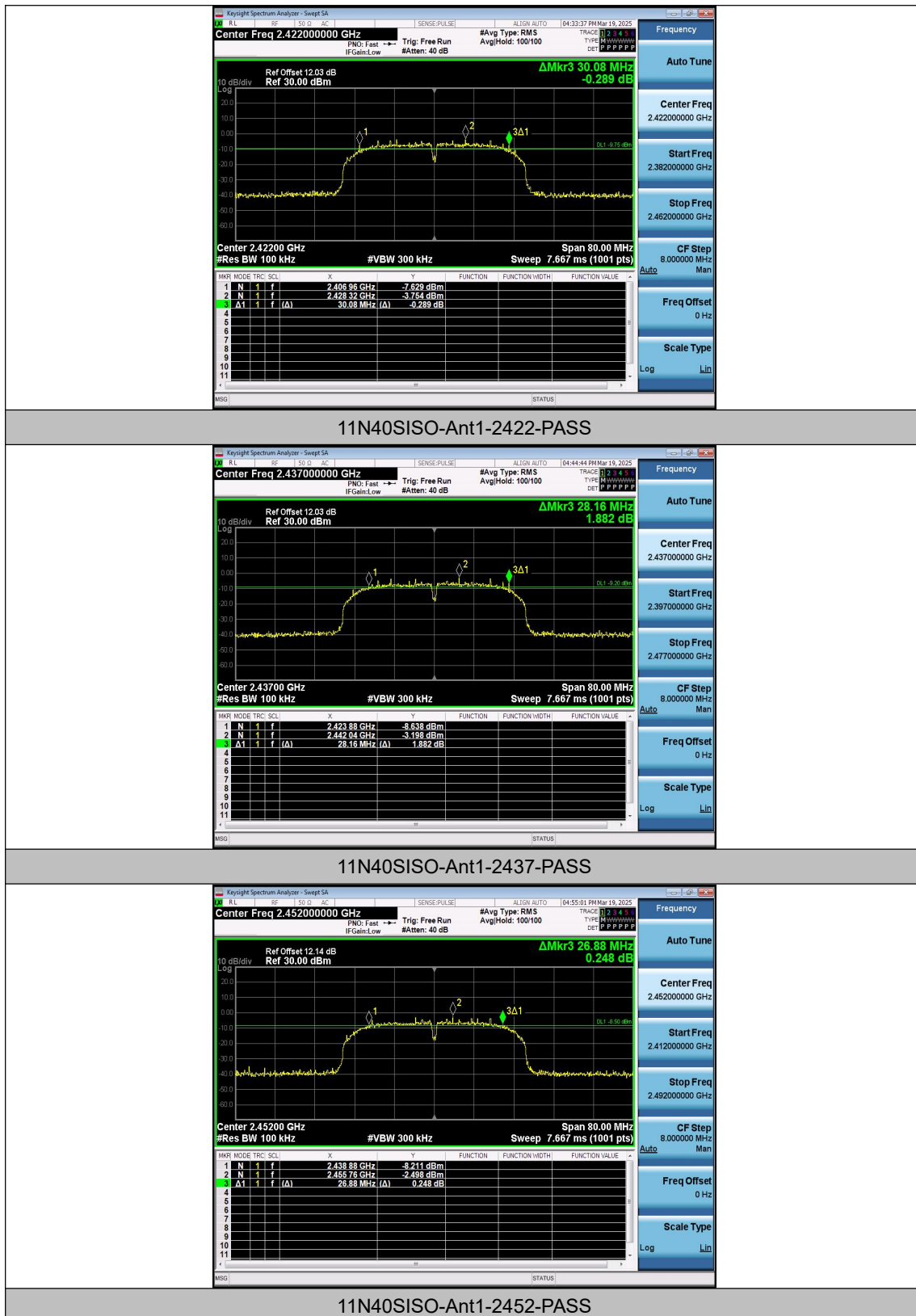
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.760	2407.280	2417.040	0.5	PASS
11B	Ant1	2437	9.600	2432.440	2442.040	0.5	PASS
11B	Ant1	2462	8.640	2457.920	2466.560	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
11G	Ant1	2437	16.040	2428.880	2444.920	0.5	PASS
11G	Ant1	2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.920	2403.480	2420.400	0.5	PASS
11N20SISO	Ant1	2437	16.800	2428.640	2445.440	0.5	PASS
11N20SISO	Ant1	2462	17.000	2453.480	2470.480	0.5	PASS
11N40SISO	Ant1	2422	30.080	2406.960	2437.040	0.5	PASS
11N40SISO	Ant1	2437	28.160	2423.880	2452.040	0.5	PASS
11N40SISO	Ant1	2452	26.880	2438.880	2465.760	0.5	PASS
11AX20SISO	Ant1	2412	18.080	2402.960	2421.040	0.5	PASS
11AX20SISO	Ant1	2437	17.680	2428.160	2445.840	0.5	PASS
11AX20SISO	Ant1	2462	18.280	2452.880	2471.160	0.5	PASS

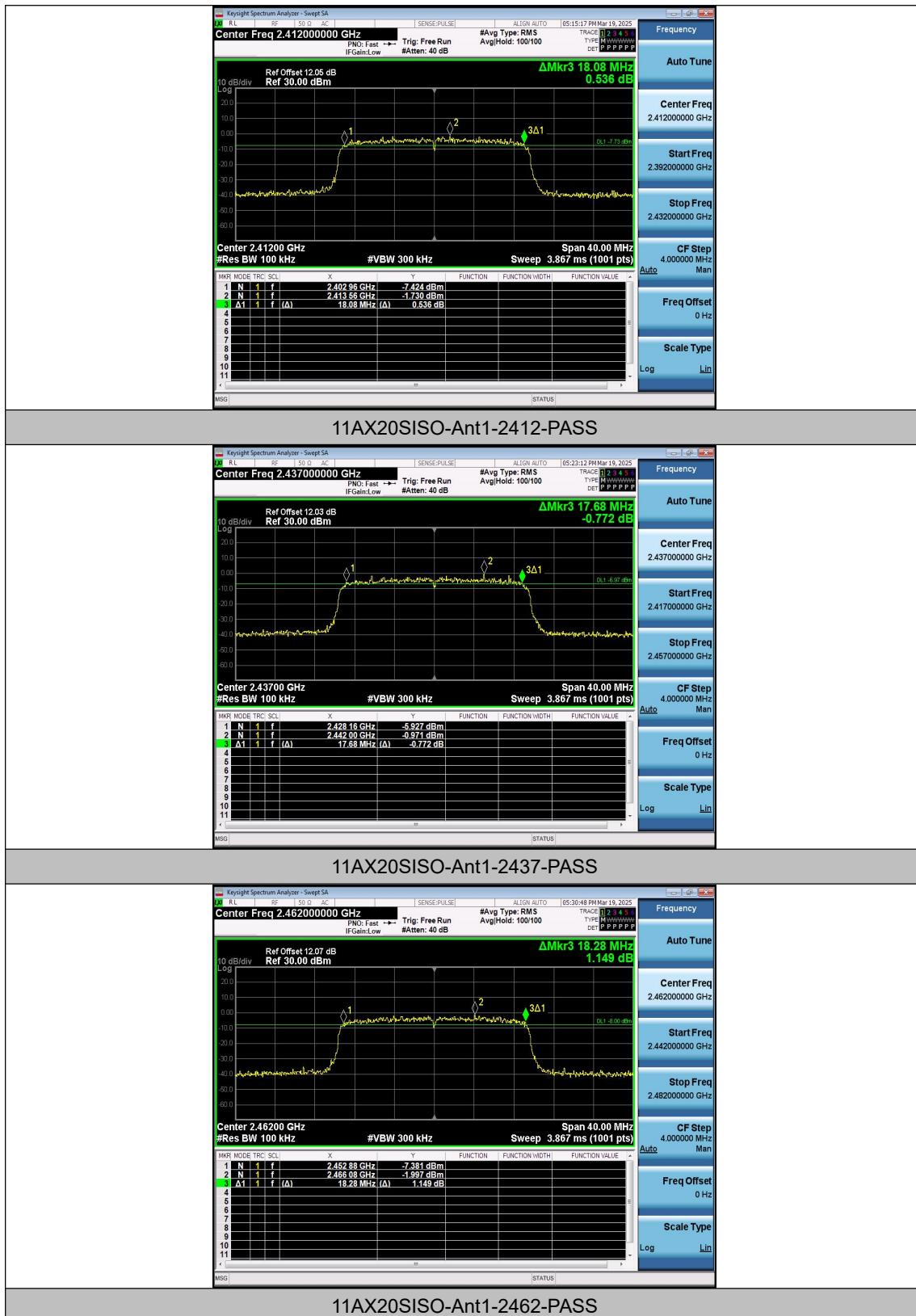
Test Graphs











Appendix B: Maximum conducted output power

Test Result Peak

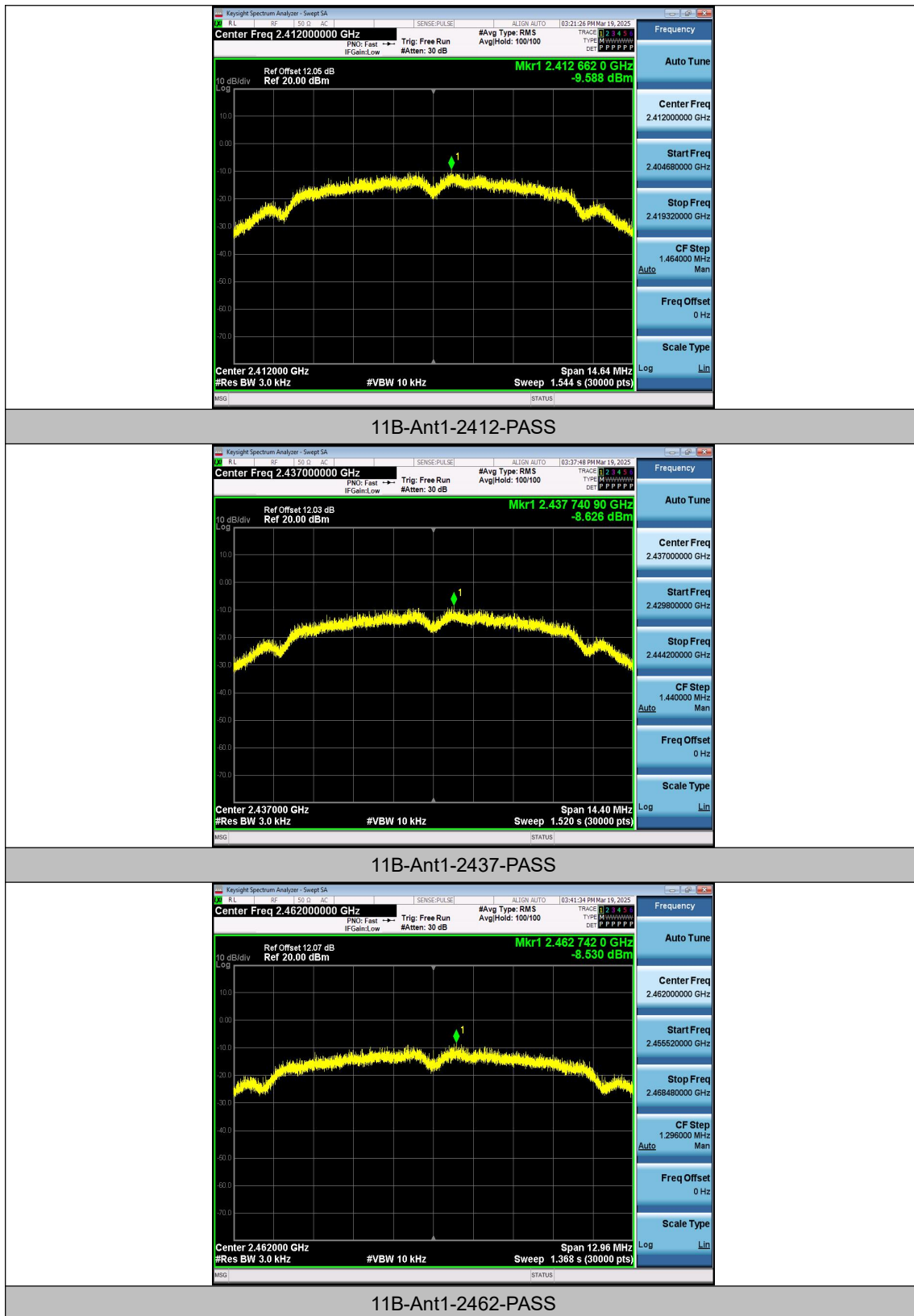
TestMode	Antenna	Frequency [MHz]	Peak Powert [dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	12.74	≤30.00	PASS
11B	Ant1	2437	13.94	≤30.00	PASS
11B	Ant1	2462	12.35	≤30.00	PASS
11G	Ant1	2412	12.04	≤30.00	PASS
11G	Ant1	2437	12.25	≤30.00	PASS
11G	Ant1	2462	12.31	≤30.00	PASS
11N20SISO	Ant1	2412	11.00	≤30.00	PASS
11N20SISO	Ant1	2437	11.55	≤30.00	PASS
11N20SISO	Ant1	2462	11.63	≤30.00	PASS
11N40SISO	Ant1	2422	10.95	≤30.00	PASS
11N40SISO	Ant1	2437	10.95	≤30.00	PASS
11N40SISO	Ant1	2452	11.27	≤30.00	PASS
11AX20SISO	Ant1	2412	10.41	≤30.00	PASS
11AX20SISO	Ant1	2437	11.42	≤30.00	PASS
11AX20SISO	Ant1	2462	11.77	≤30.00	PASS

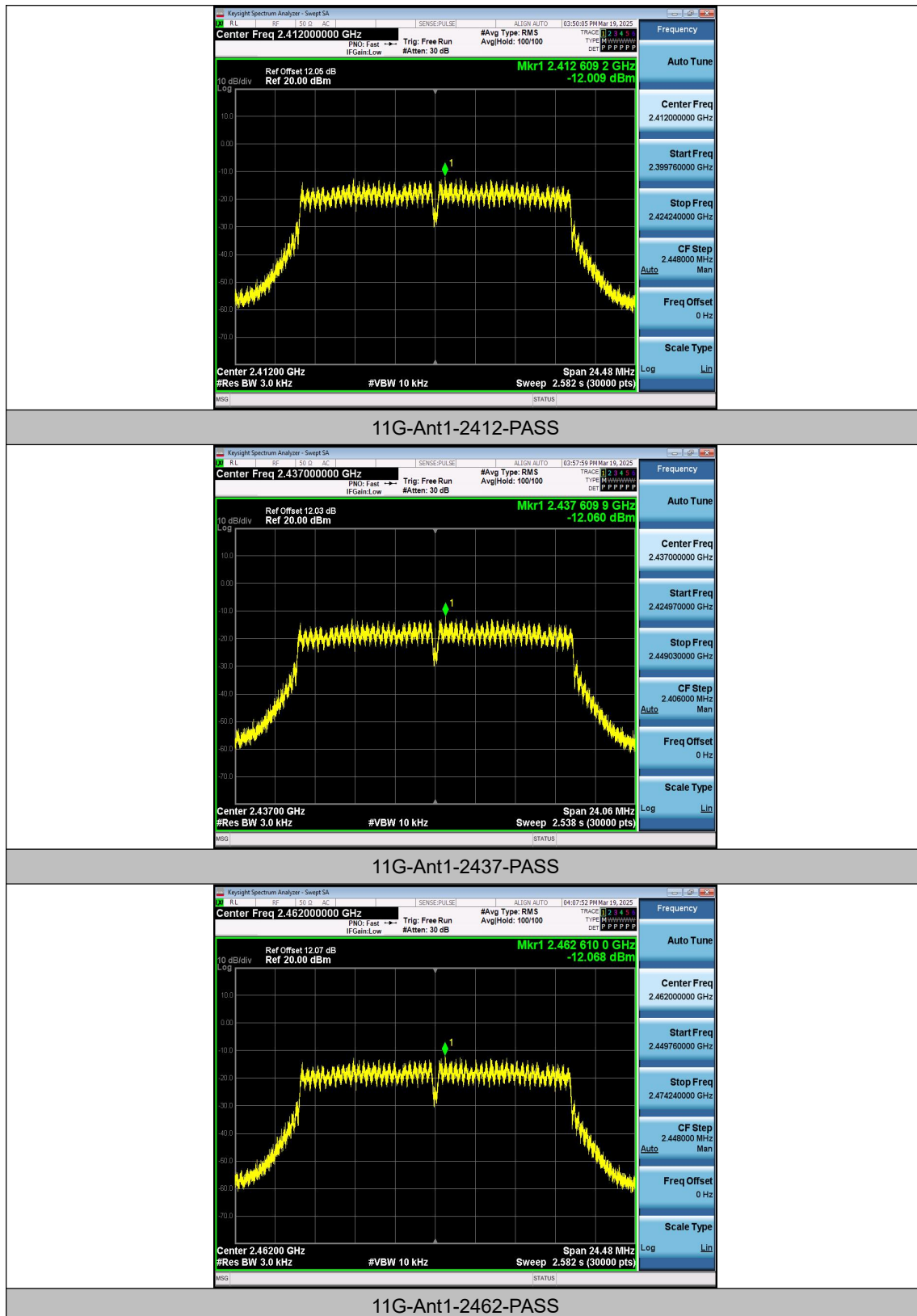
Appendix C: Maximum power spectral density

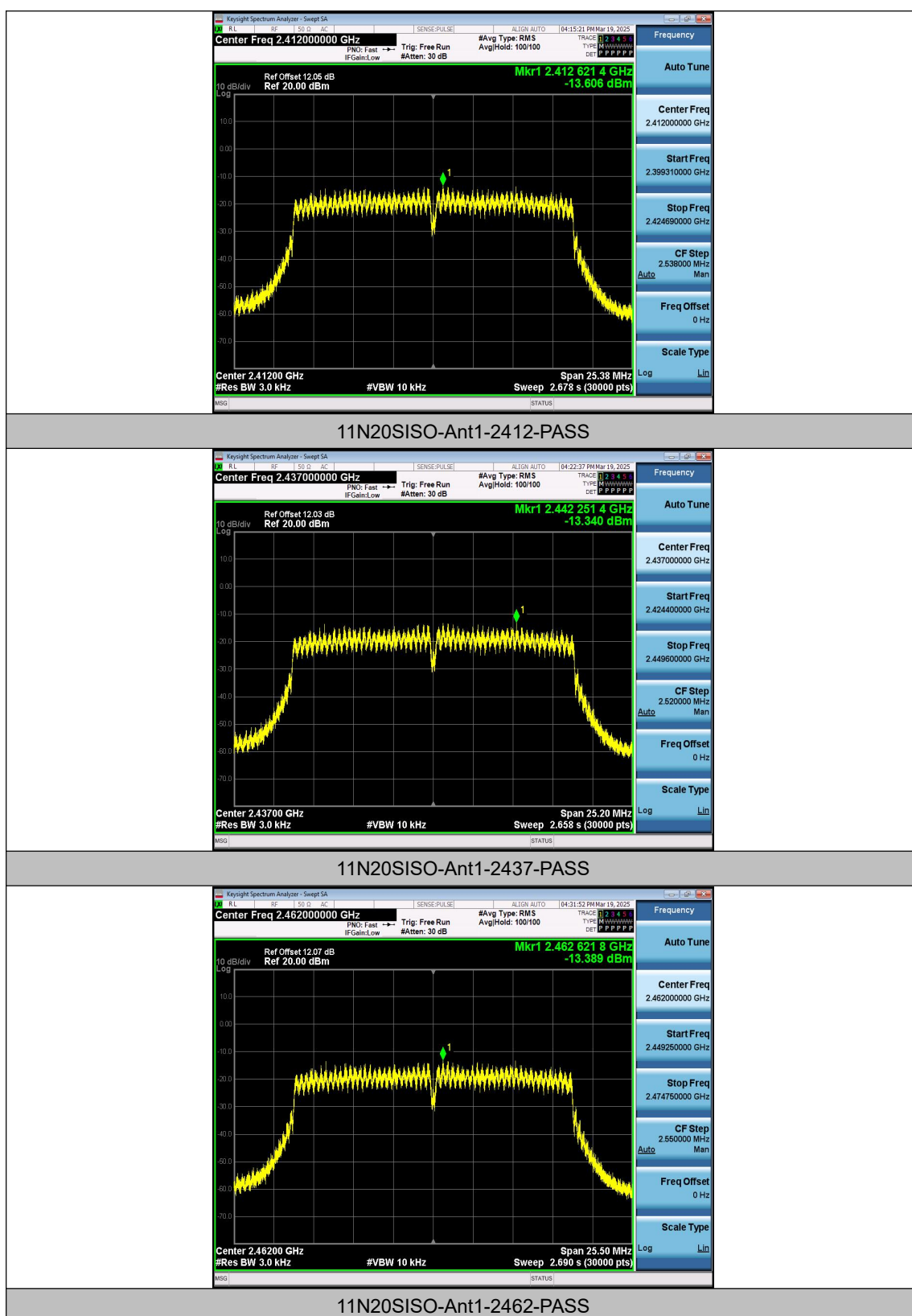
Test Result

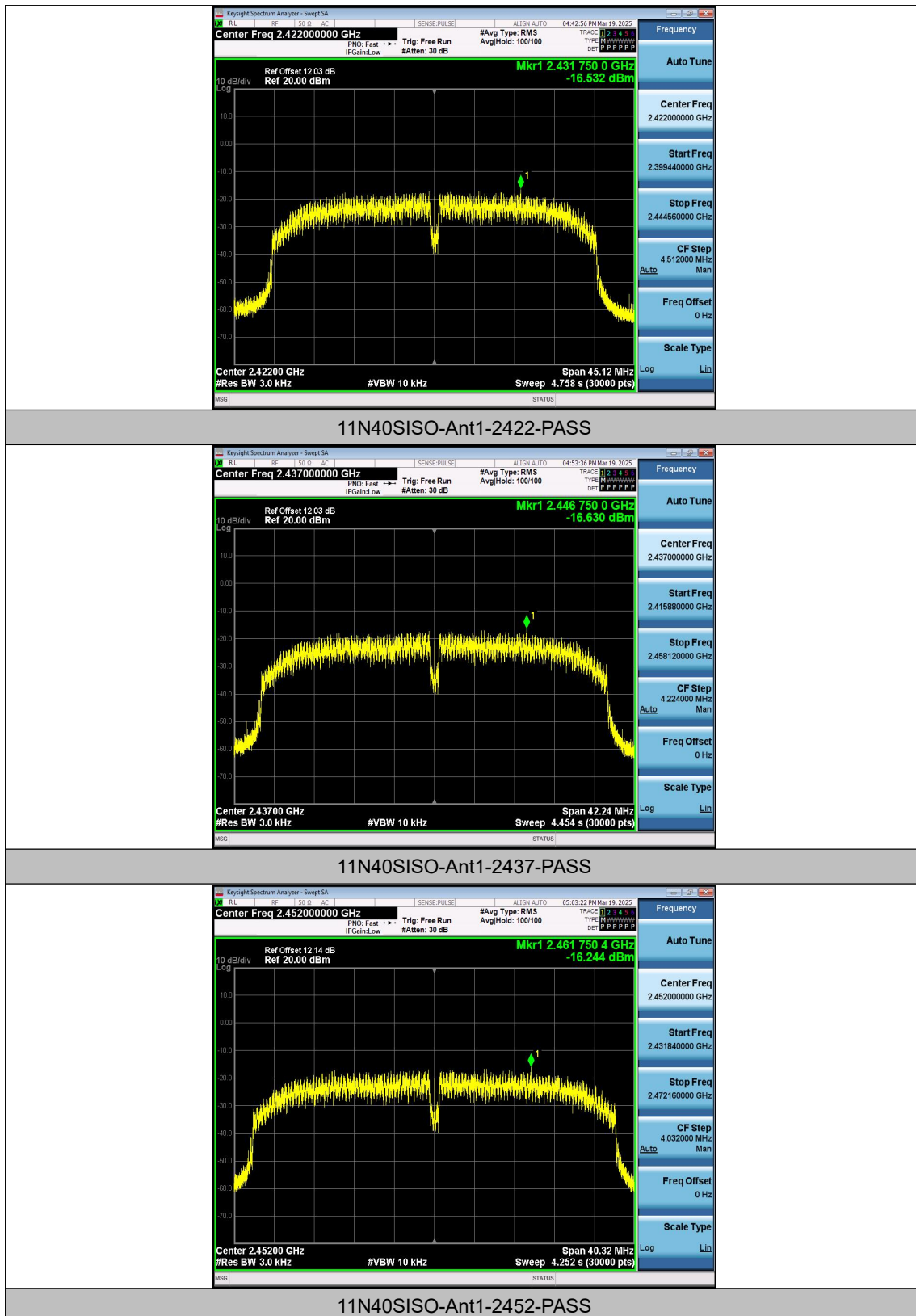
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.59	≤8.00	PASS
11B	Ant1	2437	-8.63	≤8.00	PASS
11B	Ant1	2462	-8.53	≤8.00	PASS
11G	Ant1	2412	-12.01	≤8.00	PASS
11G	Ant1	2437	-12.06	≤8.00	PASS
11G	Ant1	2462	-12.07	≤8.00	PASS
11N20SISO	Ant1	2412	-13.61	≤8.00	PASS
11N20SISO	Ant1	2437	-13.34	≤8.00	PASS
11N20SISO	Ant1	2462	-13.39	≤8.00	PASS
11N40SISO	Ant1	2422	-16.53	≤8.00	PASS
11N40SISO	Ant1	2437	-16.63	≤8.00	PASS
11N40SISO	Ant1	2452	-16.24	≤8.00	PASS
11AX20SISO	Ant1	2412	-10.75	≤8.00	PASS
11AX20SISO	Ant1	2437	-10.77	≤8.00	PASS
11AX20SISO	Ant1	2462	-10.67	≤8.00	PASS

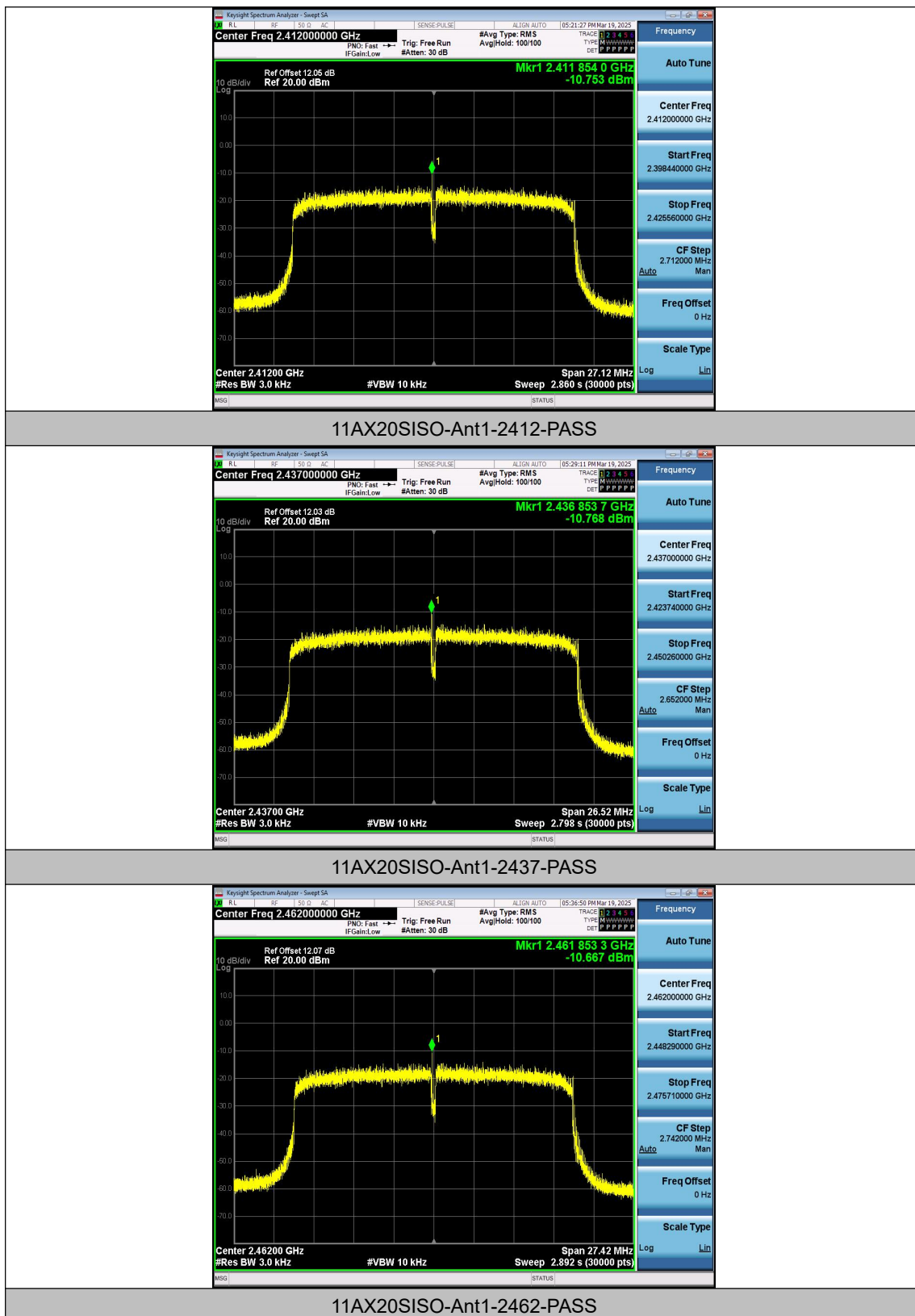
Test Graphs











Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.50	4.58
11B	Ant1	2437	2436.51	3.34
11B	Ant1	2462	2461.49	4.86
11G	Ant1	2412	2413.00	-1.02
11G	Ant1	2437	2432.02	0.59
11G	Ant1	2462	2457.01	0.70
11N20SISO	Ant1	2412	2413.32	-1.21
11N20SISO	Ant1	2437	2438.26	0.51
11N20SISO	Ant1	2462	2464.52	-0.14
11N40SISO	Ant1	2422	2427.01	-3.18
11N40SISO	Ant1	2437	2440.76	-3.24
11N40SISO	Ant1	2452	2459.54	-3.15
11AX20SISO	Ant1	2412	2414.50	-0.63
11AX20SISO	Ant1	2437	2439.49	-0.39
11AX20SISO	Ant1	2462	2457.86	-1.26

Test Graphs

