

Appendix for WIFI

Product Type: Portable Air Conditioner

Product Name: EcoFlow WAVE 3

Model No: EF-WA-H01-3

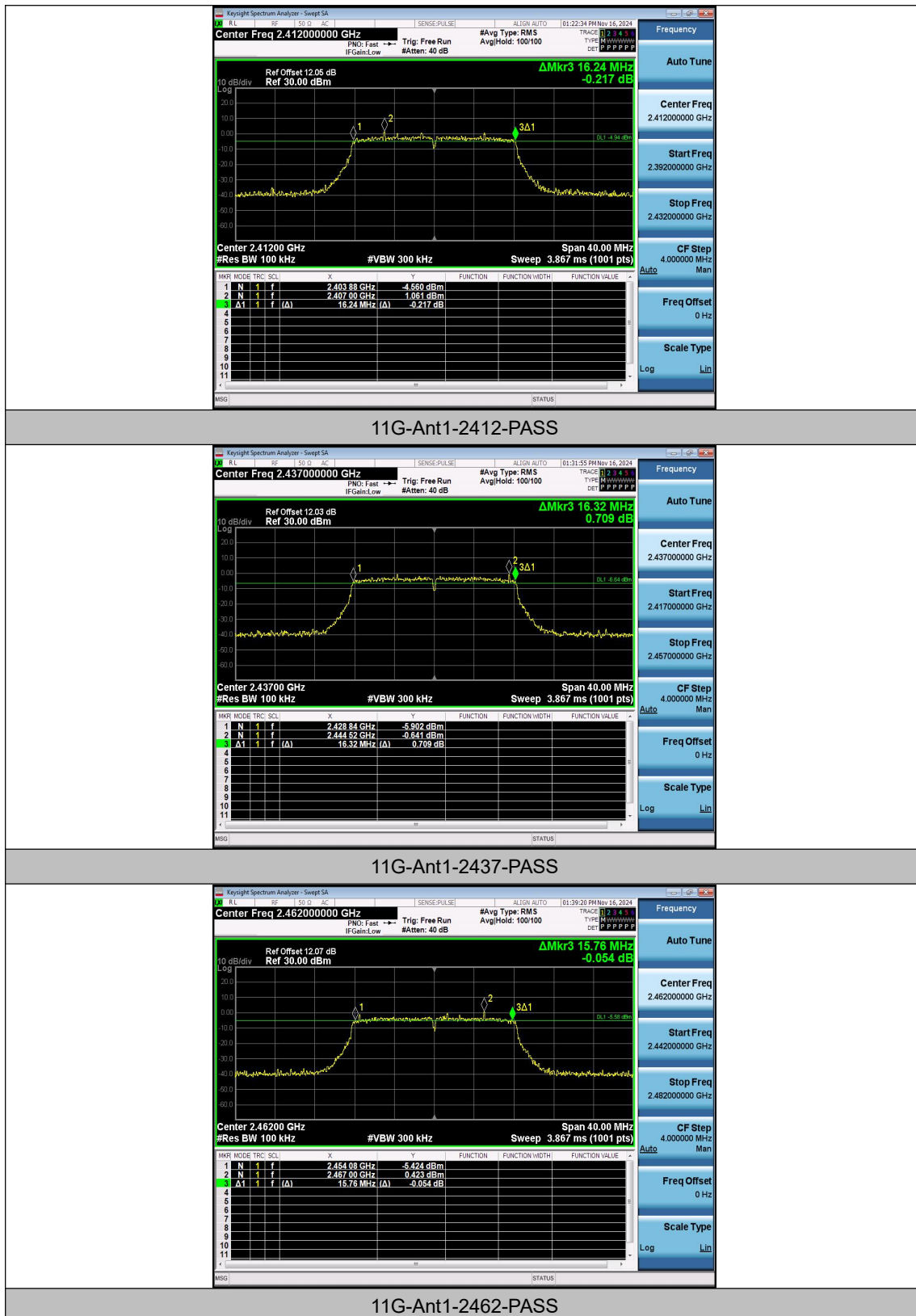
Appendix A: DTS Bandwidth

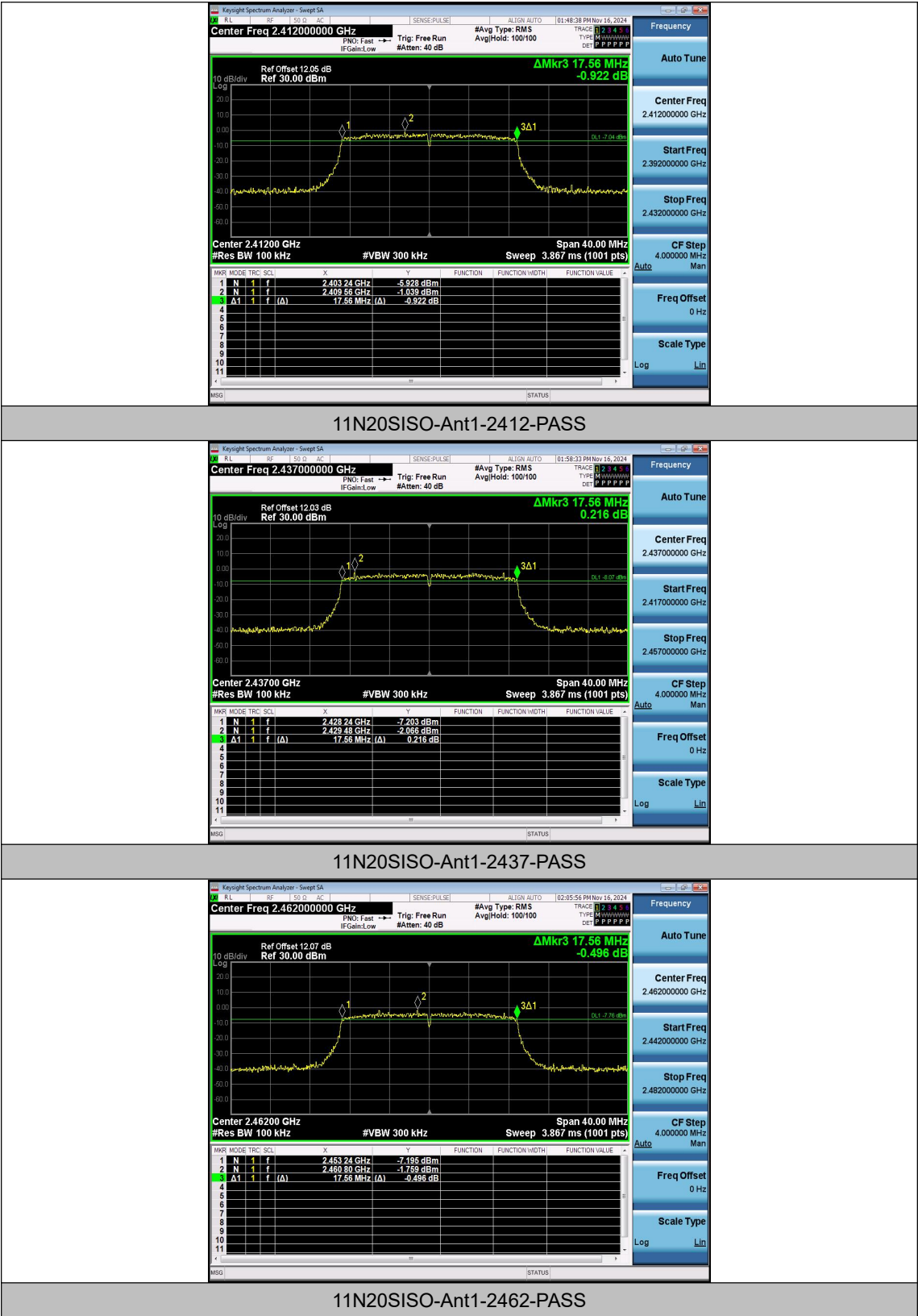
Test Result

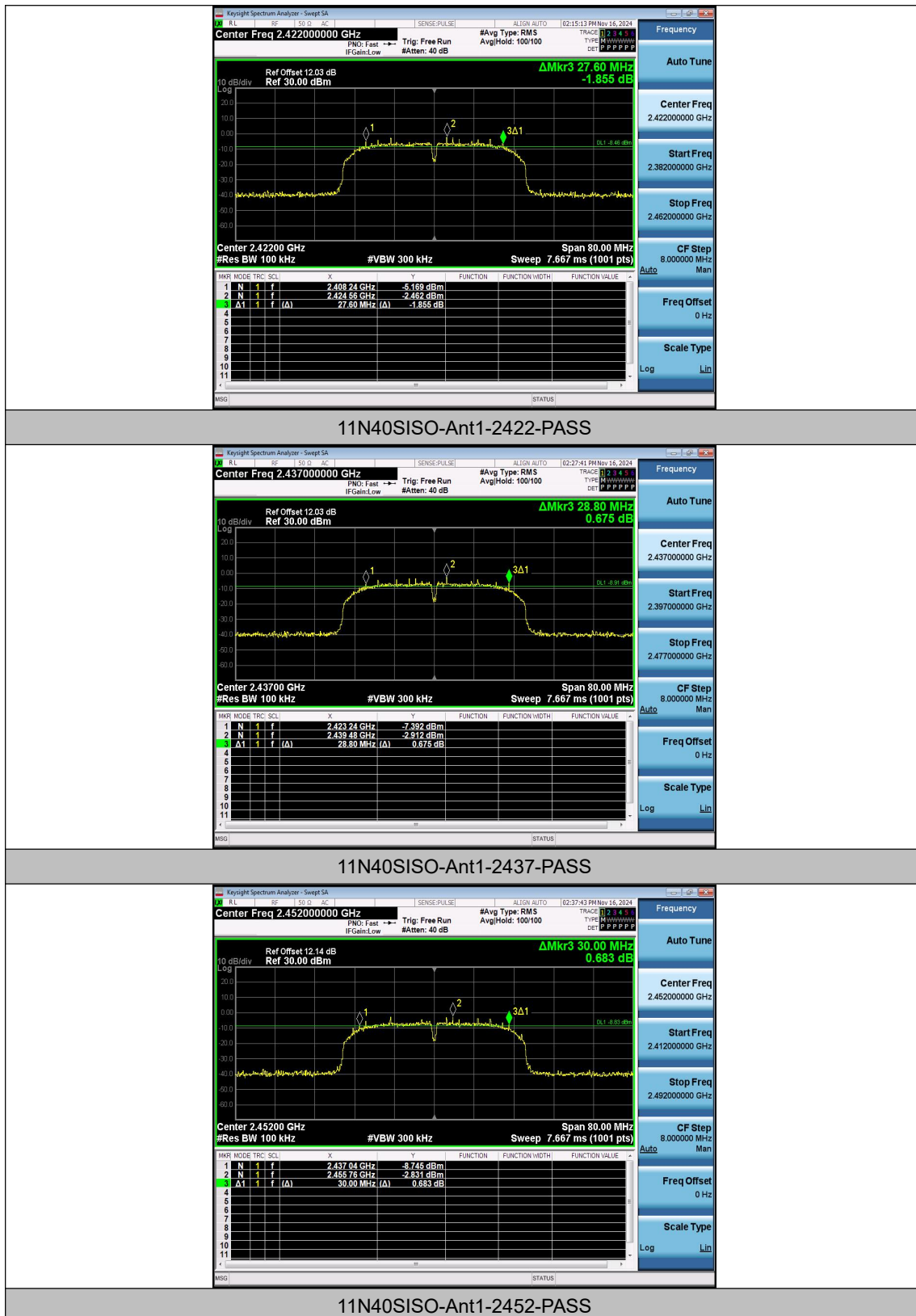
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.120	2407.480	2416.600	0.5	PASS
11B	Ant1	2437	9.400	2432.160	2441.560	0.5	PASS
11B	Ant1	2462	9.240	2457.320	2466.560	0.5	PASS
11G	Ant1	2412	16.240	2403.880	2420.120	0.5	PASS
11G	Ant1	2437	16.320	2428.840	2445.160	0.5	PASS
11G	Ant1	2462	15.760	2454.080	2469.840	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
11N20SISO	Ant1	2437	17.560	2428.240	2445.800	0.5	PASS
11N20SISO	Ant1	2462	17.560	2453.240	2470.800	0.5	PASS
11N40SISO	Ant1	2422	27.600	2408.240	2435.840	0.5	PASS
11N40SISO	Ant1	2437	28.800	2423.240	2452.040	0.5	PASS
11N40SISO	Ant1	2452	30.000	2437.040	2467.040	0.5	PASS
11AX20SISO	Ant1	2412	18.240	2402.880	2421.120	0.5	PASS
11AX20SISO	Ant1	2437	18.040	2428.000	2446.040	0.5	PASS
11AX20SISO	Ant1	2462	18.240	2452.920	2471.160	0.5	PASS

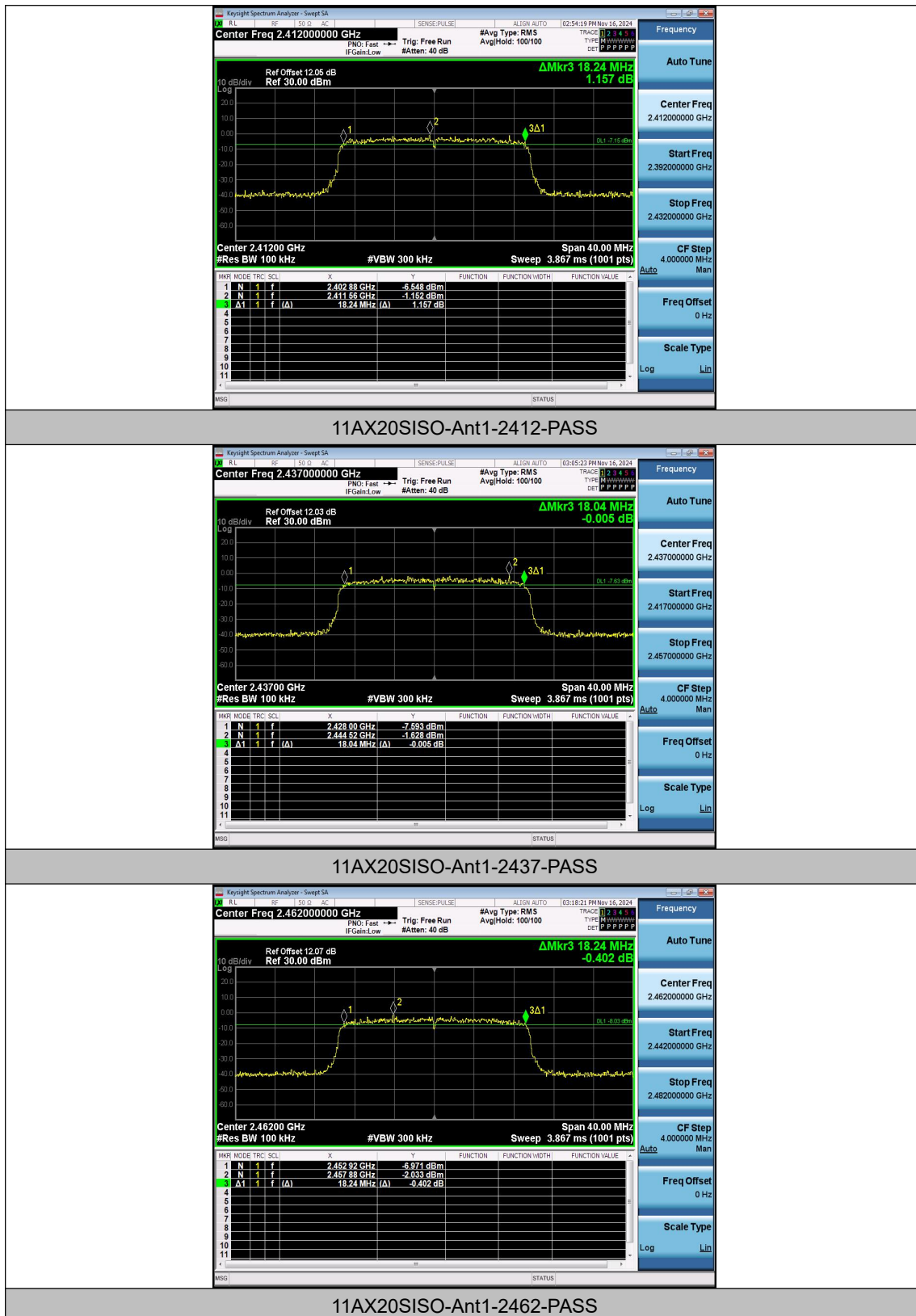
Test Graphs











Appendix B: Maximum conducted output power

Test Result

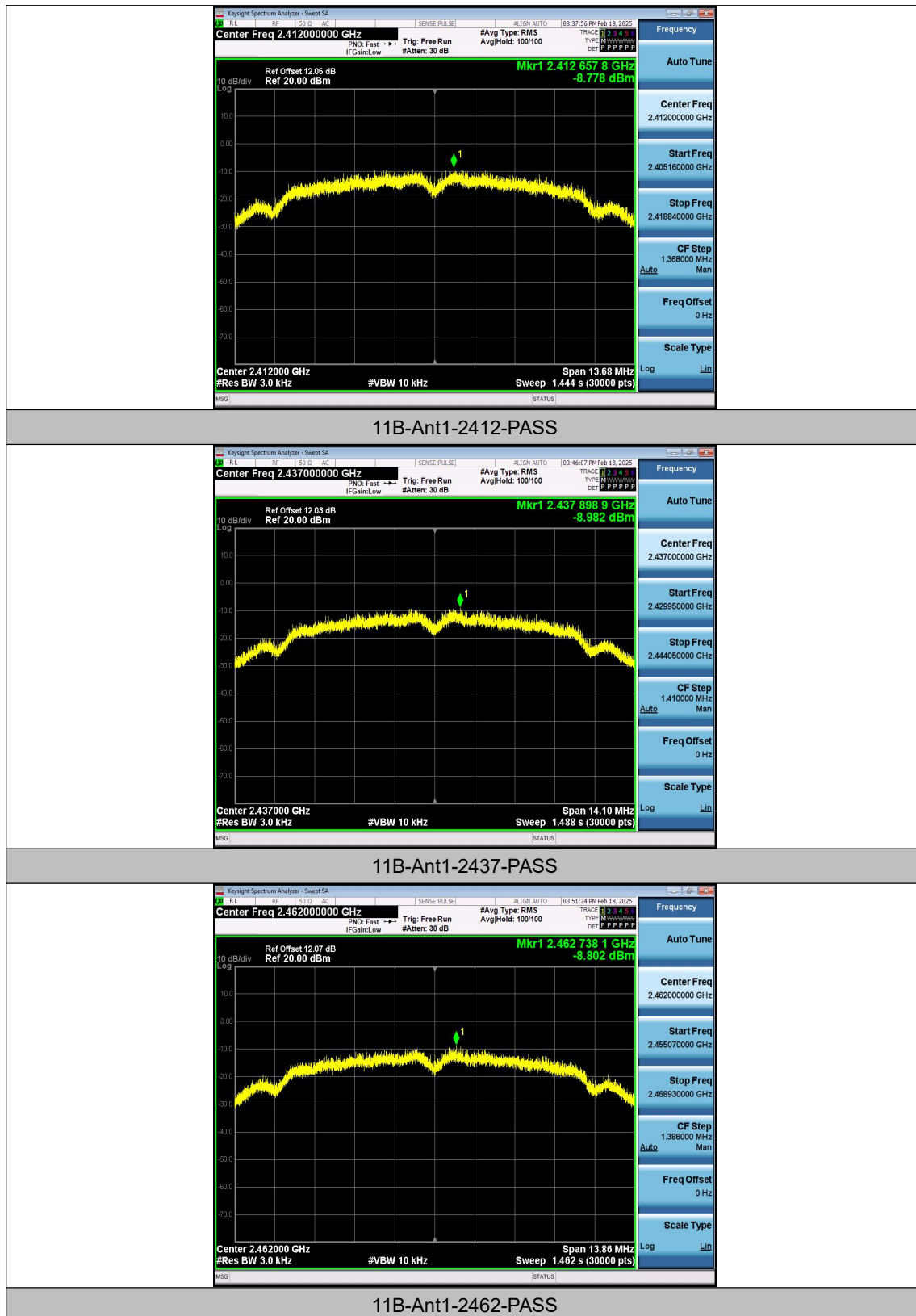
TestMode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	11.80	≤30.00	PASS
11B	Ant1	2437	11.98	≤30.00	PASS
11B	Ant1	2462	11.90	≤30.00	PASS
11G	Ant1	2412	11.16	≤30.00	PASS
11G	Ant1	2437	10.29	≤30.00	PASS
11G	Ant1	2462	10.26	≤30.00	PASS
11N20SISO	Ant1	2412	9.77	≤30.00	PASS
11N20SISO	Ant1	2437	9.47	≤30.00	PASS
11N20SISO	Ant1	2462	9.43	≤30.00	PASS
11N40SISO	Ant1	2422	9.01	≤30.00	PASS
11N40SISO	Ant1	2437	8.79	≤30.00	PASS
11N40SISO	Ant1	2452	9.25	≤30.00	PASS
11AX20SISO	Ant1	2412	9.77	≤30.00	PASS
11AX20SISO	Ant1	2437	9.41	≤30.00	PASS
11AX20SISO	Ant1	2462	9.39	≤30.00	PASS

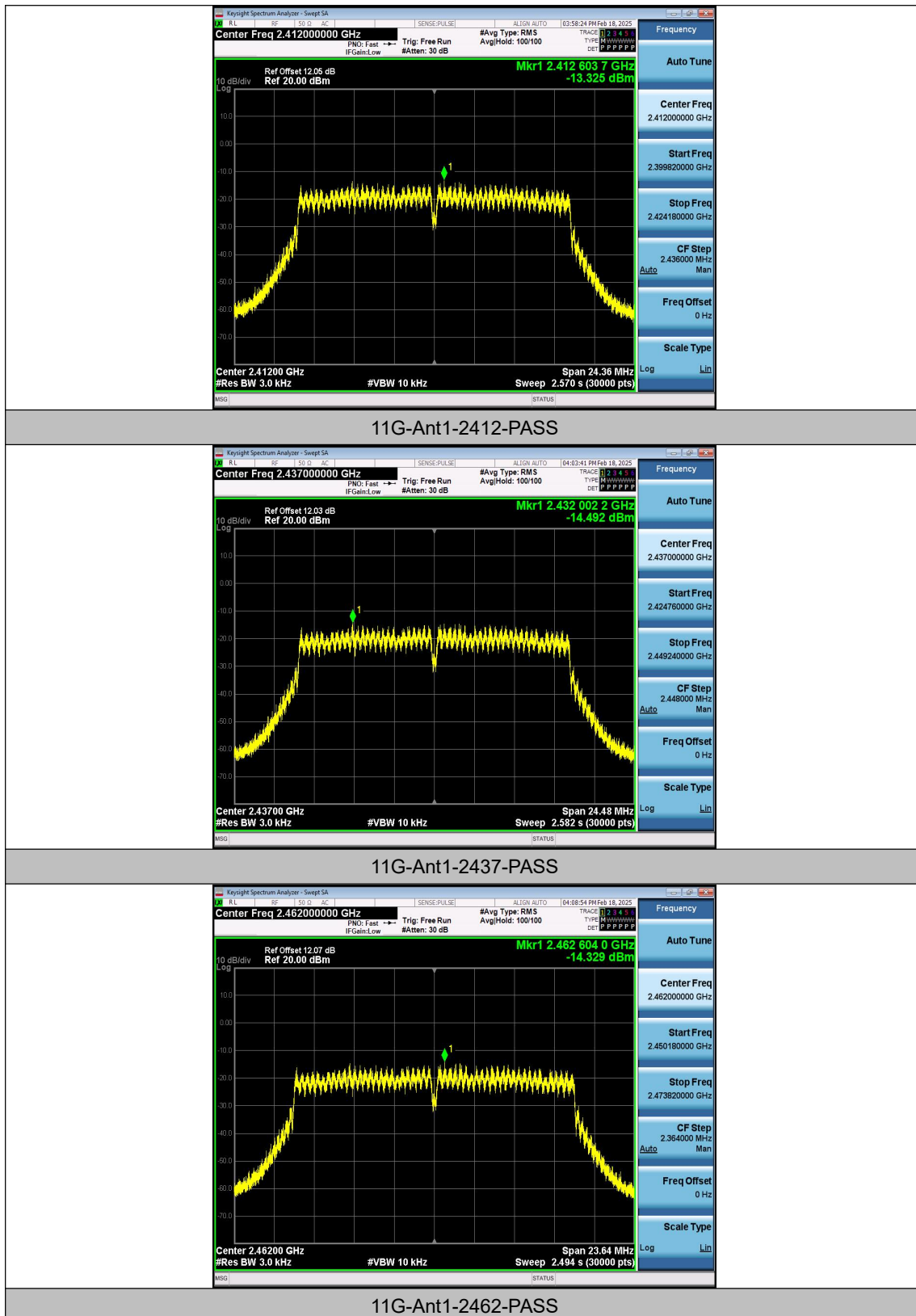
Appendix C: Maximum power spectral density

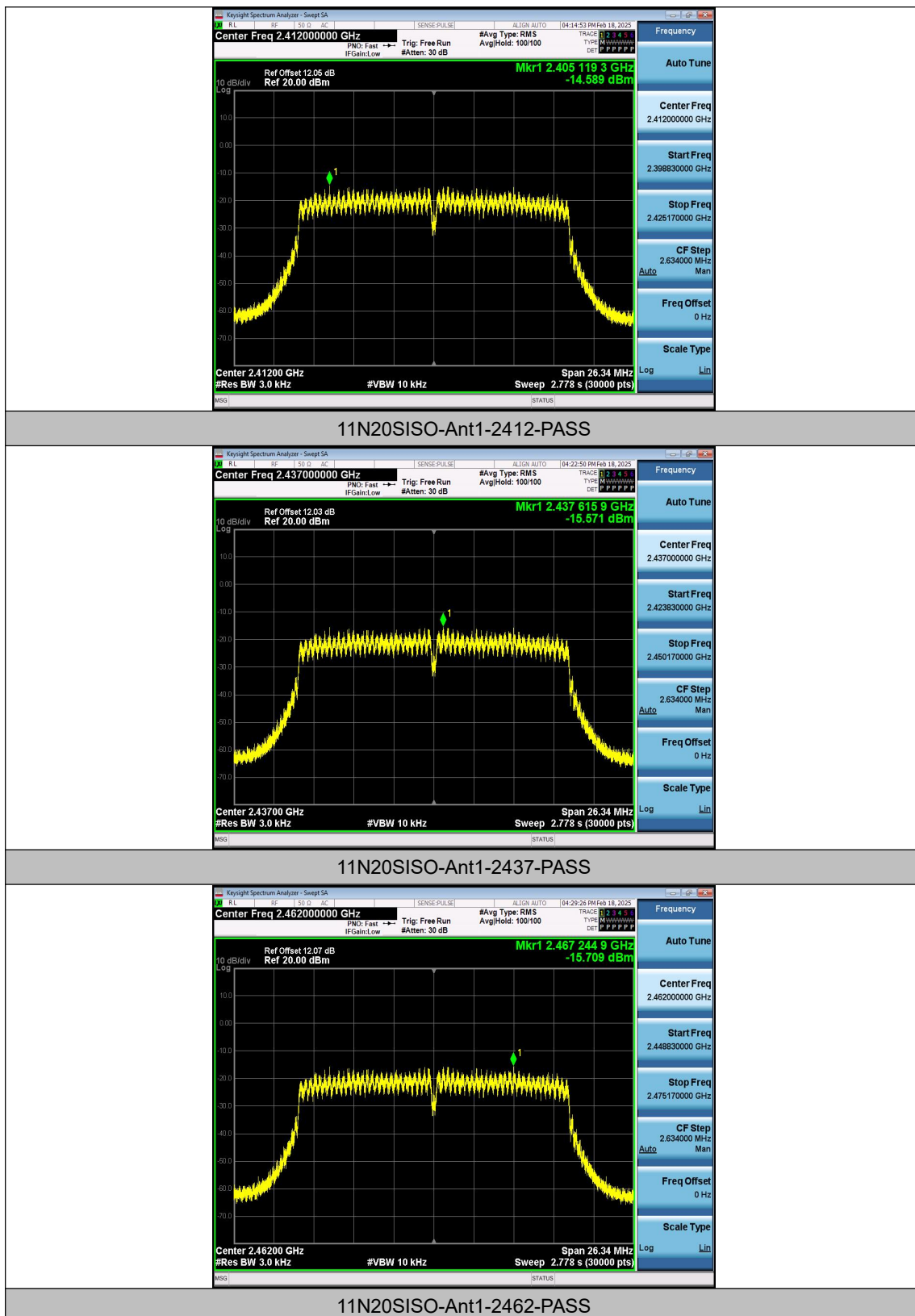
Test Result

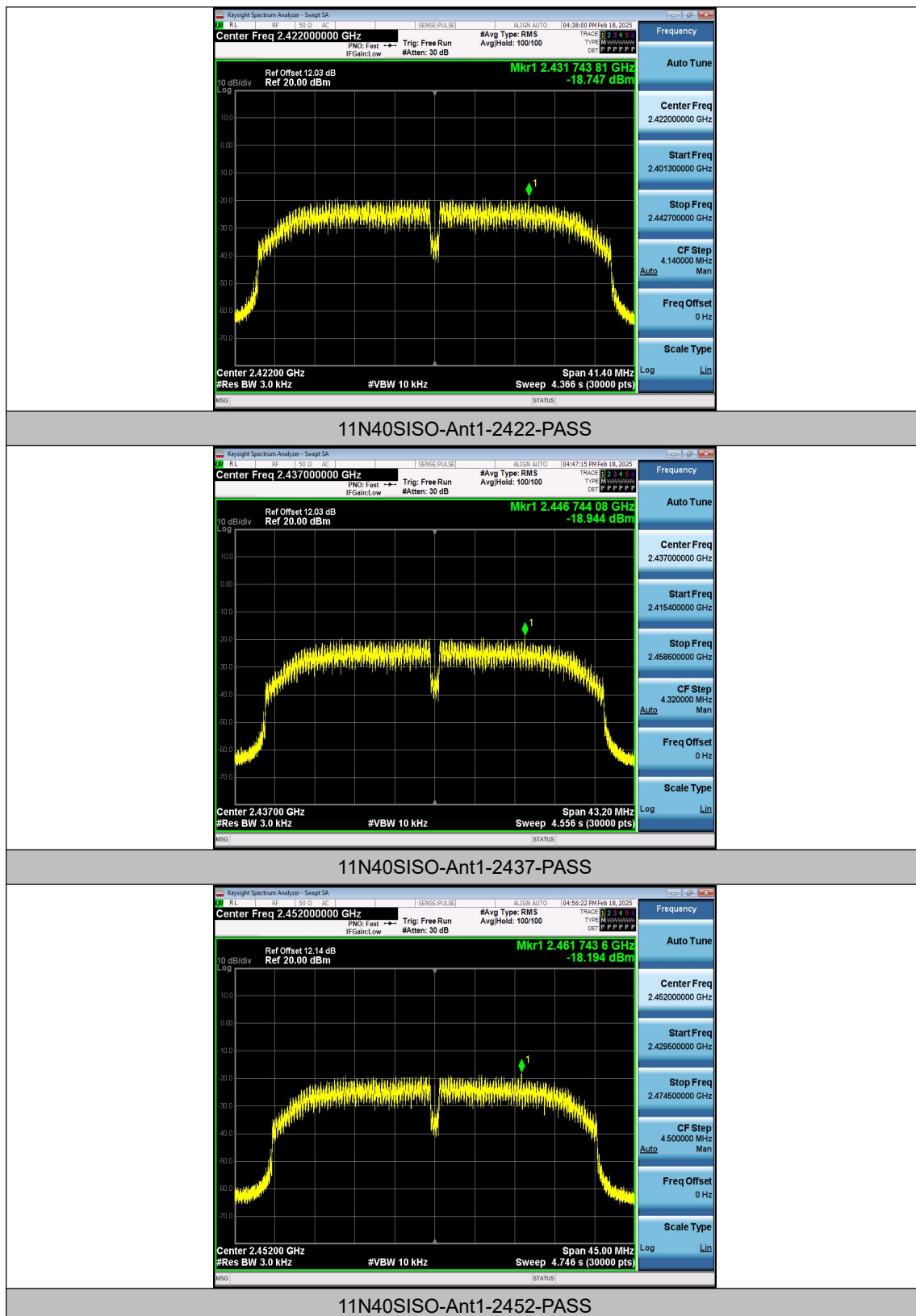
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.78	≤8.00	PASS
11B	Ant1	2437	-8.98	≤8.00	PASS
11B	Ant1	2462	-8.80	≤8.00	PASS
11G	Ant1	2412	-13.33	≤8.00	PASS
11G	Ant1	2437	-14.49	≤8.00	PASS
11G	Ant1	2462	-14.33	≤8.00	PASS
11N20SISO	Ant1	2412	-14.59	≤8.00	PASS
11N20SISO	Ant1	2437	-15.57	≤8.00	PASS
11N20SISO	Ant1	2462	-15.71	≤8.00	PASS
11N40SISO	Ant1	2422	-18.75	≤8.00	PASS
11N40SISO	Ant1	2437	-18.94	≤8.00	PASS
11N40SISO	Ant1	2452	-18.19	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.15	≤8.00	PASS
11AX20SISO	Ant1	2437	-12.98	≤8.00	PASS
11AX20SISO	Ant1	2462	-12.79	≤8.00	PASS

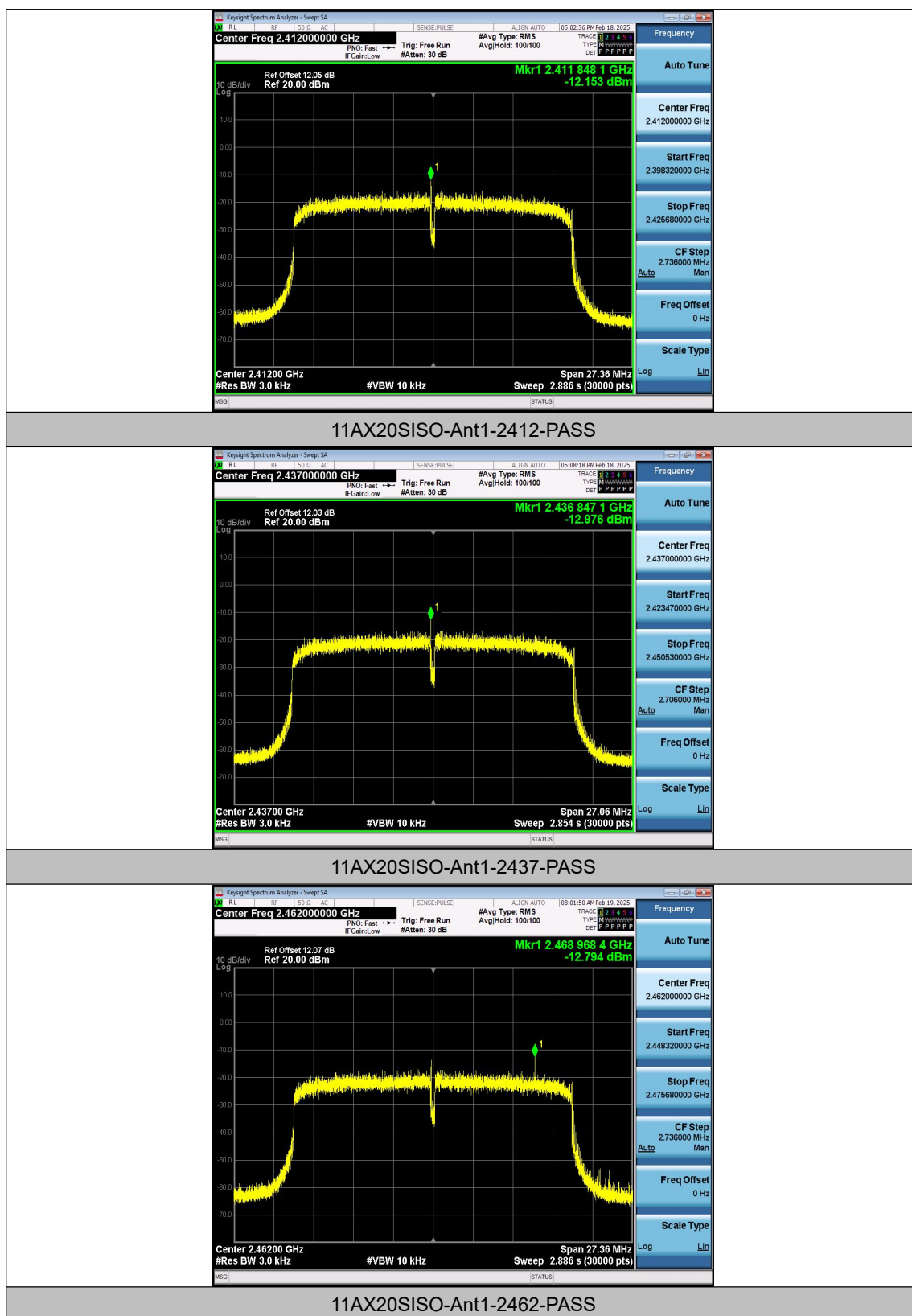
Test Graphs











Appendix D: Reference level measurement

Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.57	5.29
11B	Ant1	2437	2437.49	5.67
11B	Ant1	2462	2463.09	4.23
11G	Ant1	2412	2410.76	1.32
11G	Ant1	2437	2435.78	-0.41
11G	Ant1	2462	2462.99	-1.94
11N20SISO	Ant1	2412	2417.00	0.92
11N20SISO	Ant1	2437	2432.05	-1.41
11N20SISO	Ant1	2462	2463.24	-0.33
11N40SISO	Ant1	2422	2416.99	-3.11
11N40SISO	Ant1	2437	2440.76	-3.01
11N40SISO	Ant1	2452	2443.27	-3.02
11AX20SISO	Ant1	2412	2410.74	0.40
11AX20SISO	Ant1	2437	2431.99	-0.43
11AX20SISO	Ant1	2462	2464.54	-1.19

Test Graphs

