

Appendix for WIFI

Product Name: Smart Dehumidifier Max(Pump)

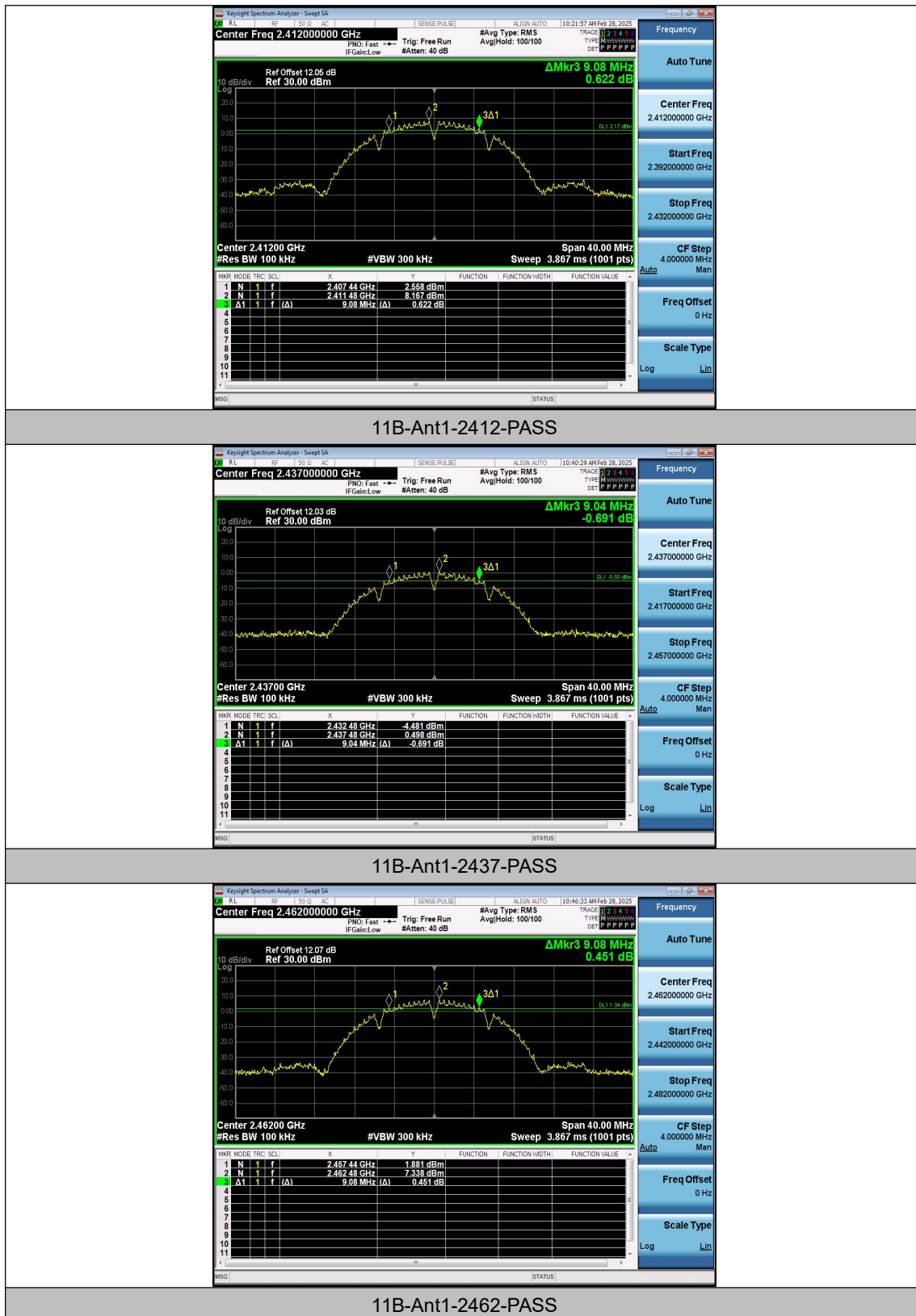
Model No: H7152

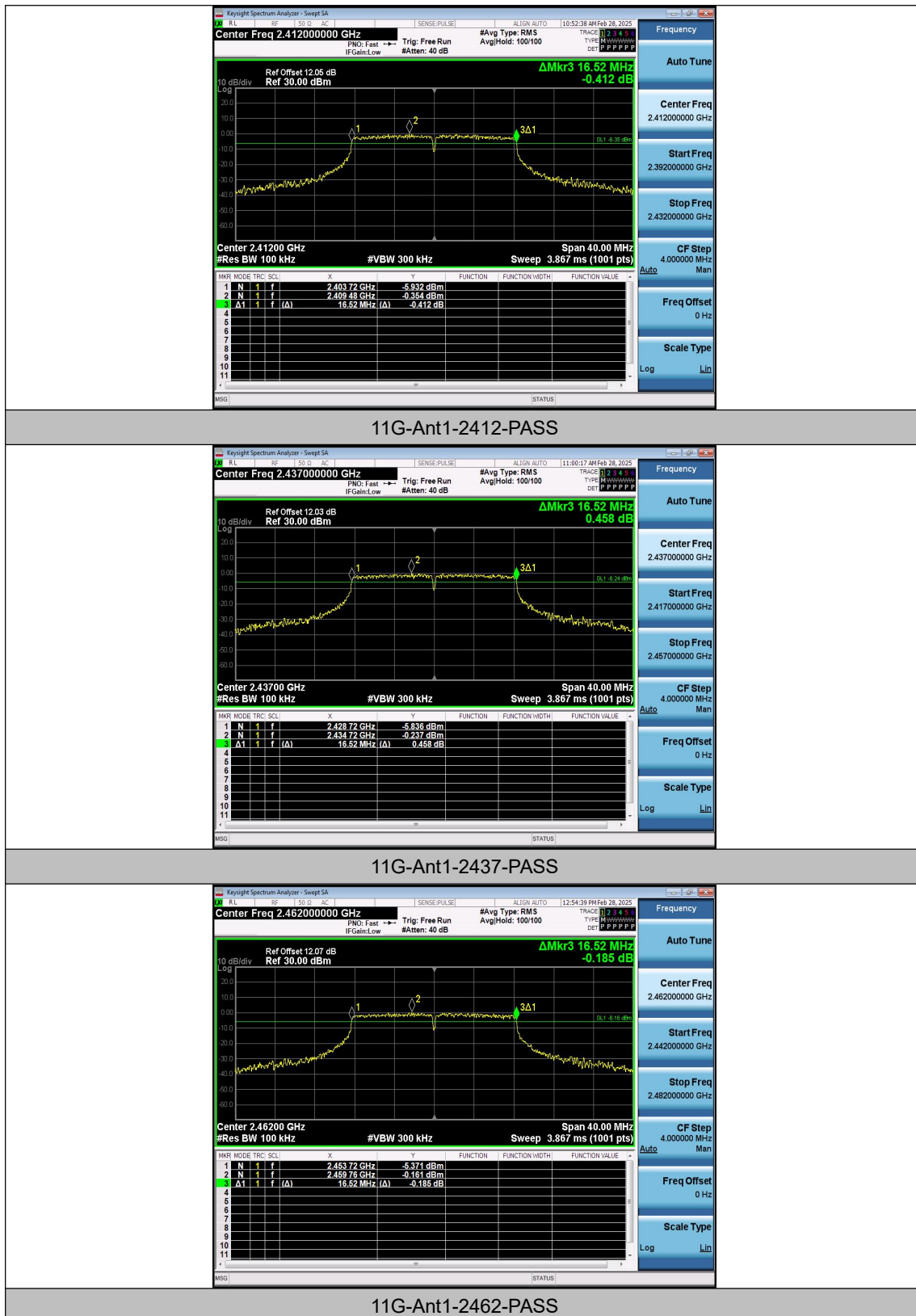
Appendix A: DTS Bandwidth

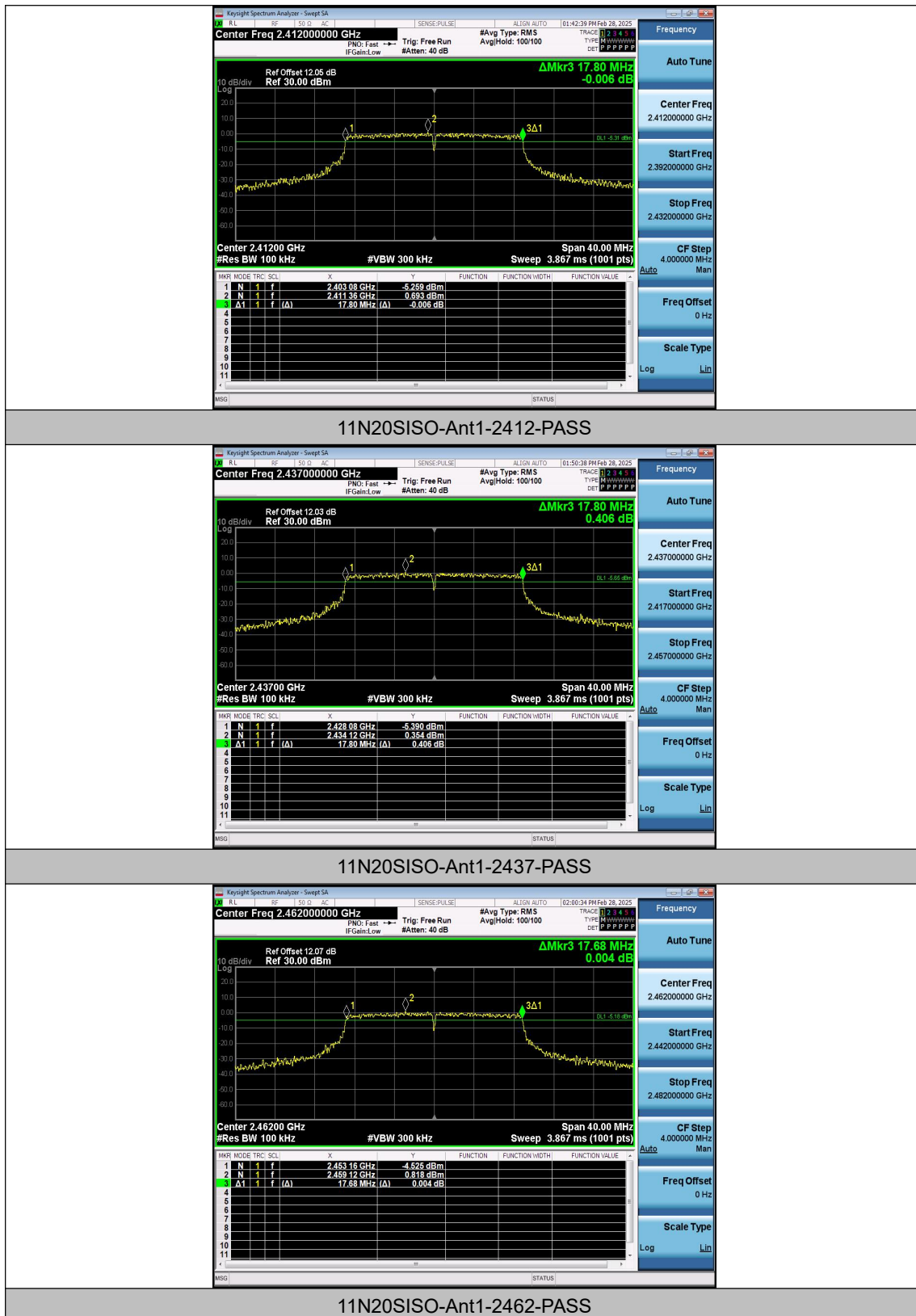
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.440	2416.520	0.5	PASS
11B	Ant1	2437	9.040	2432.480	2441.520	0.5	PASS
11B	Ant1	2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.520	2403.720	2420.240	0.5	PASS
11G	Ant1	2437	16.520	2428.720	2445.240	0.5	PASS
11G	Ant1	2462	16.520	2453.720	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.800	2403.080	2420.880	0.5	PASS
11N20SISO	Ant1	2437	17.800	2428.080	2445.880	0.5	PASS
11N20SISO	Ant1	2462	17.680	2453.160	2470.840	0.5	PASS

Test Graphs







Appendix B: Maximum conducted output power

Test Result

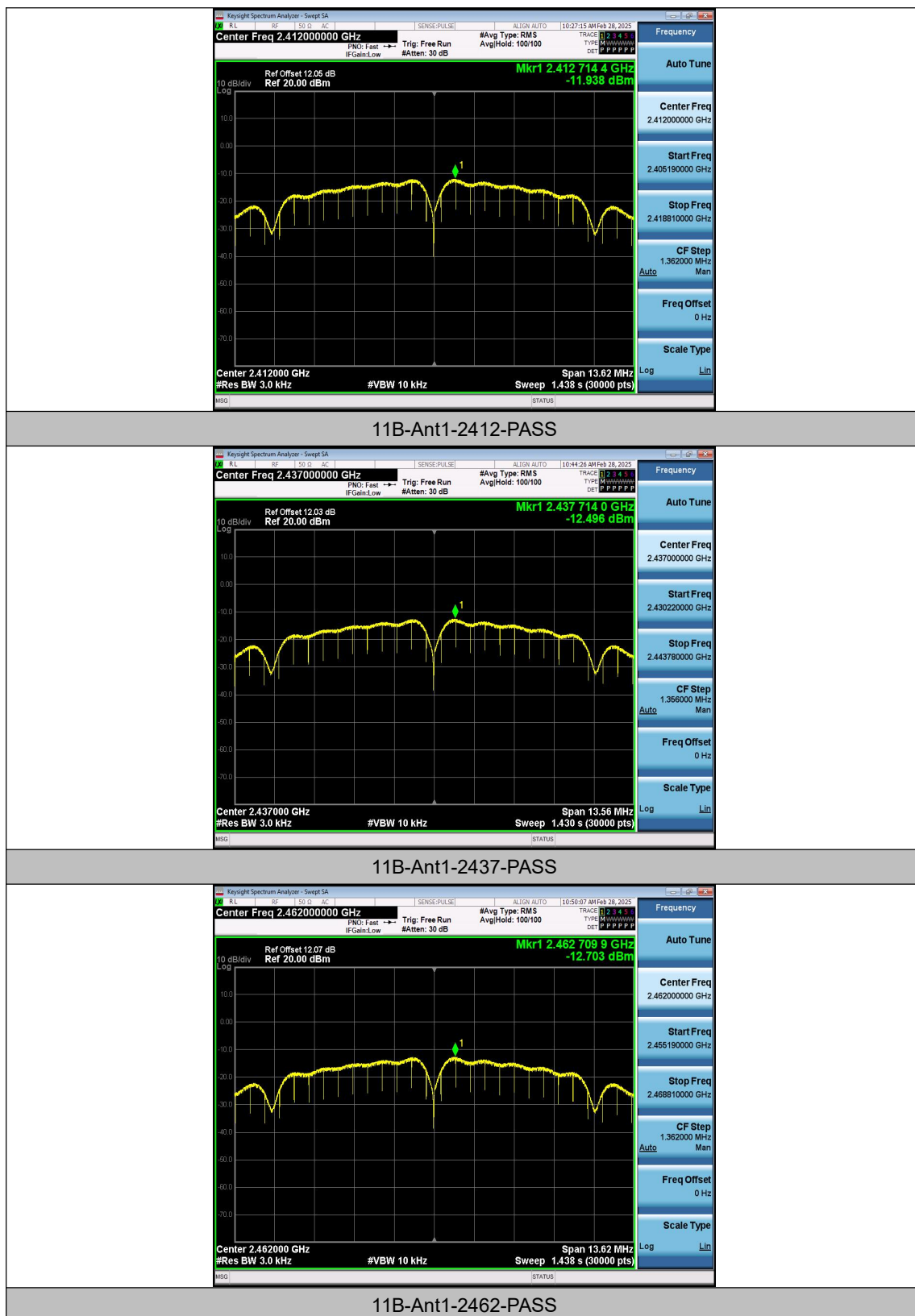
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	17.91	≤30.00	PASS
11B	Ant1	2437	17.70	≤30.00	PASS
11B	Ant1	2462	17.57	≤30.00	PASS
11G	Ant1	2412	14.14	≤30.00	PASS
11G	Ant1	2437	14.56	≤30.00	PASS
11G	Ant1	2462	14.76	≤30.00	PASS
11N20SISO	Ant1	2412	15.24	≤30.00	PASS
11N20SISO	Ant1	2437	15.30	≤30.00	PASS
11N20SISO	Ant1	2462	15.44	≤30.00	PASS

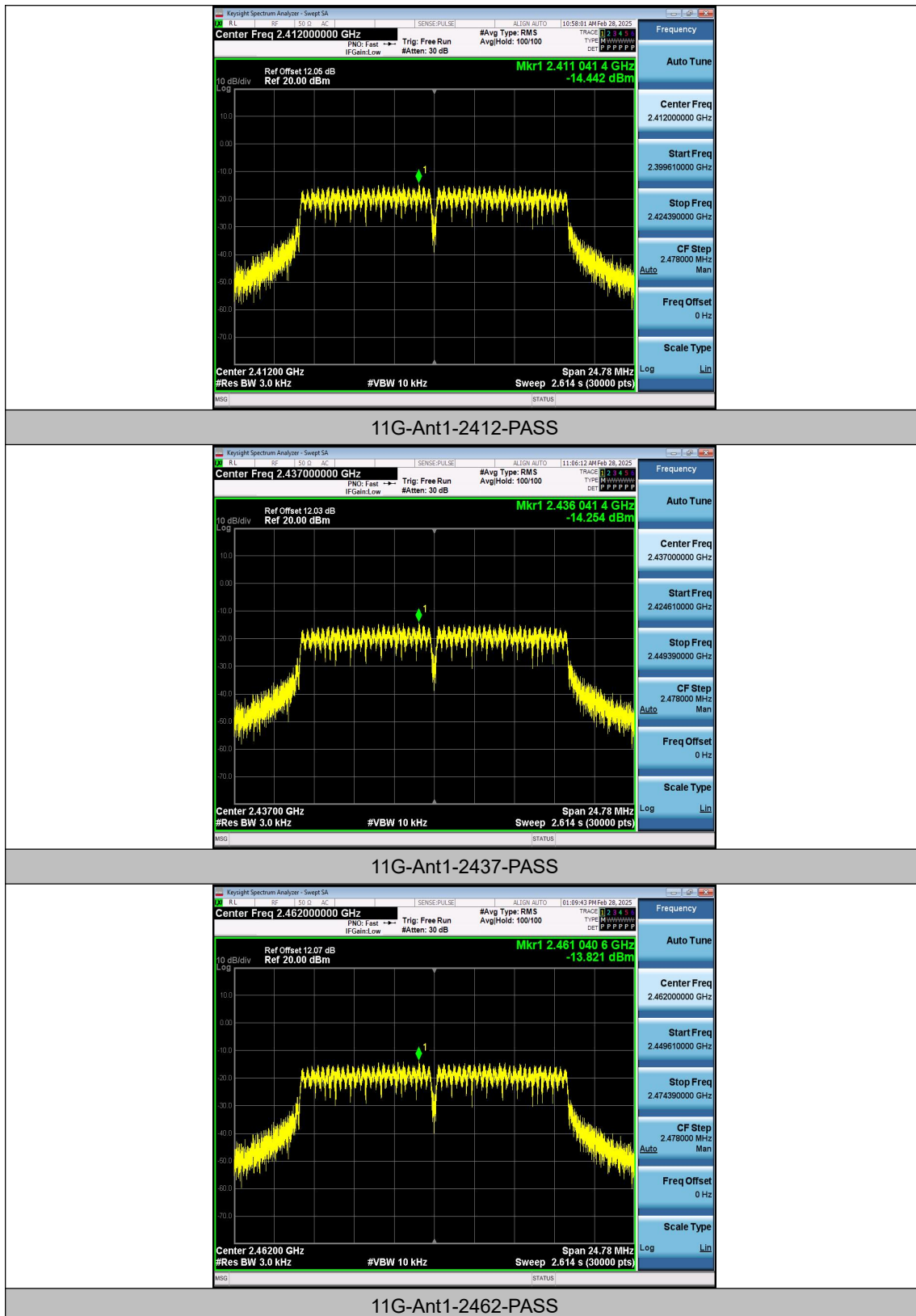
Appendix C: Maximum power spectral density

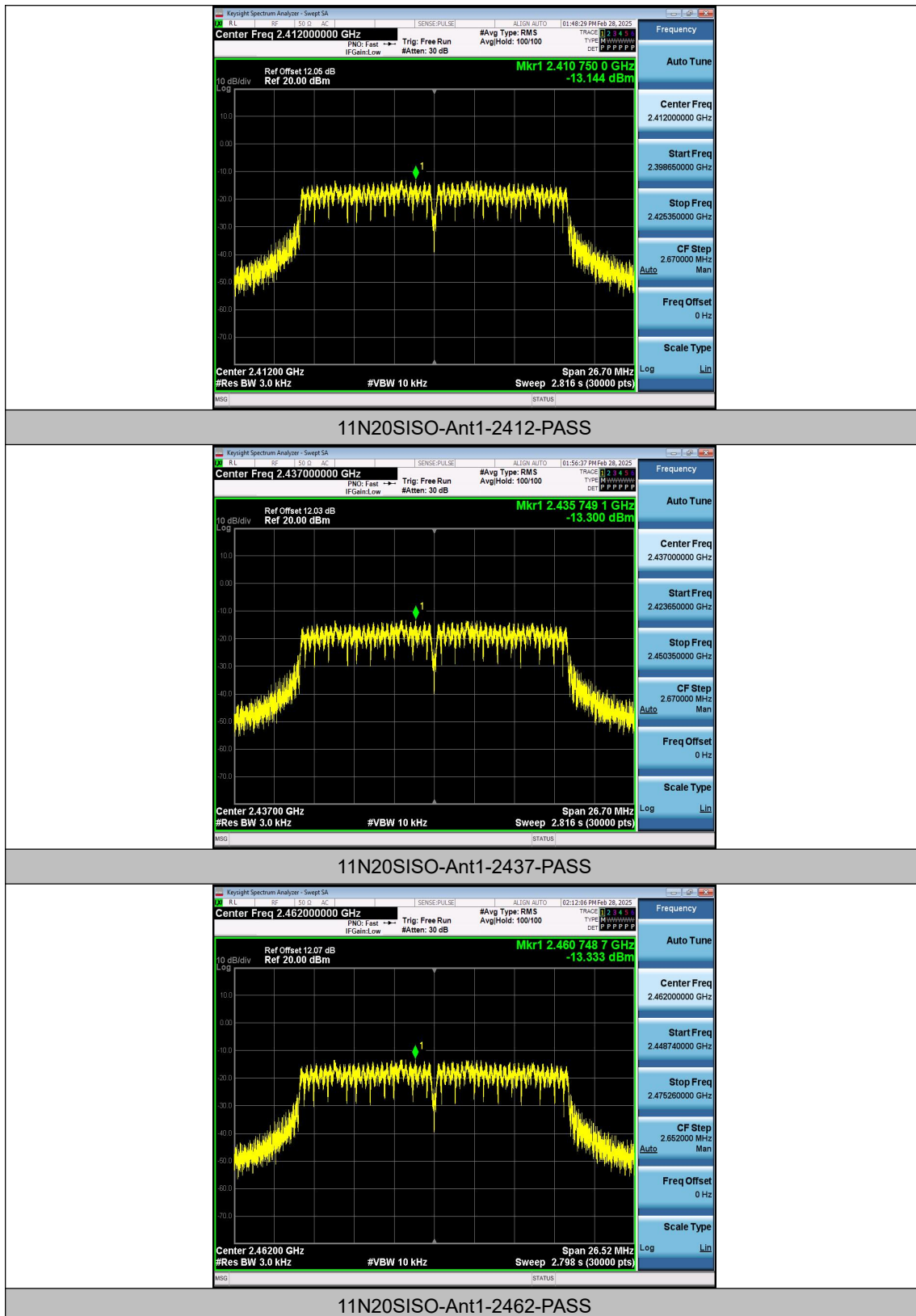
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.94	≤8.00	PASS
11B	Ant1	2437	-12.50	≤8.00	PASS
11B	Ant1	2462	-12.70	≤8.00	PASS
11G	Ant1	2412	-14.44	≤8.00	PASS
11G	Ant1	2437	-14.25	≤8.00	PASS
11G	Ant1	2462	-13.82	≤8.00	PASS
11N20SISO	Ant1	2412	-13.14	≤8.00	PASS
11N20SISO	Ant1	2437	-13.30	≤8.00	PASS
11N20SISO	Ant1	2462	-13.33	≤8.00	PASS

Test Graphs





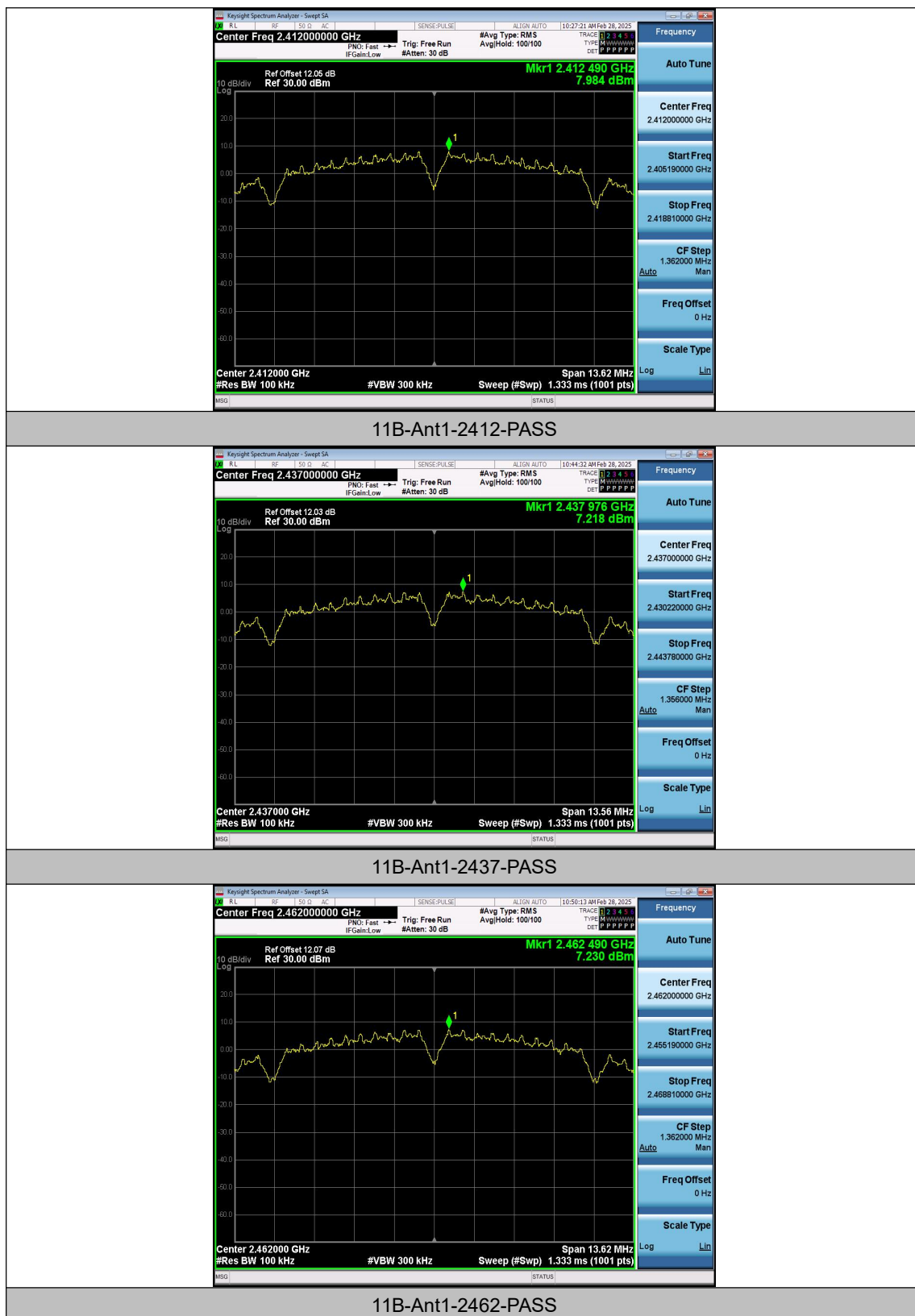


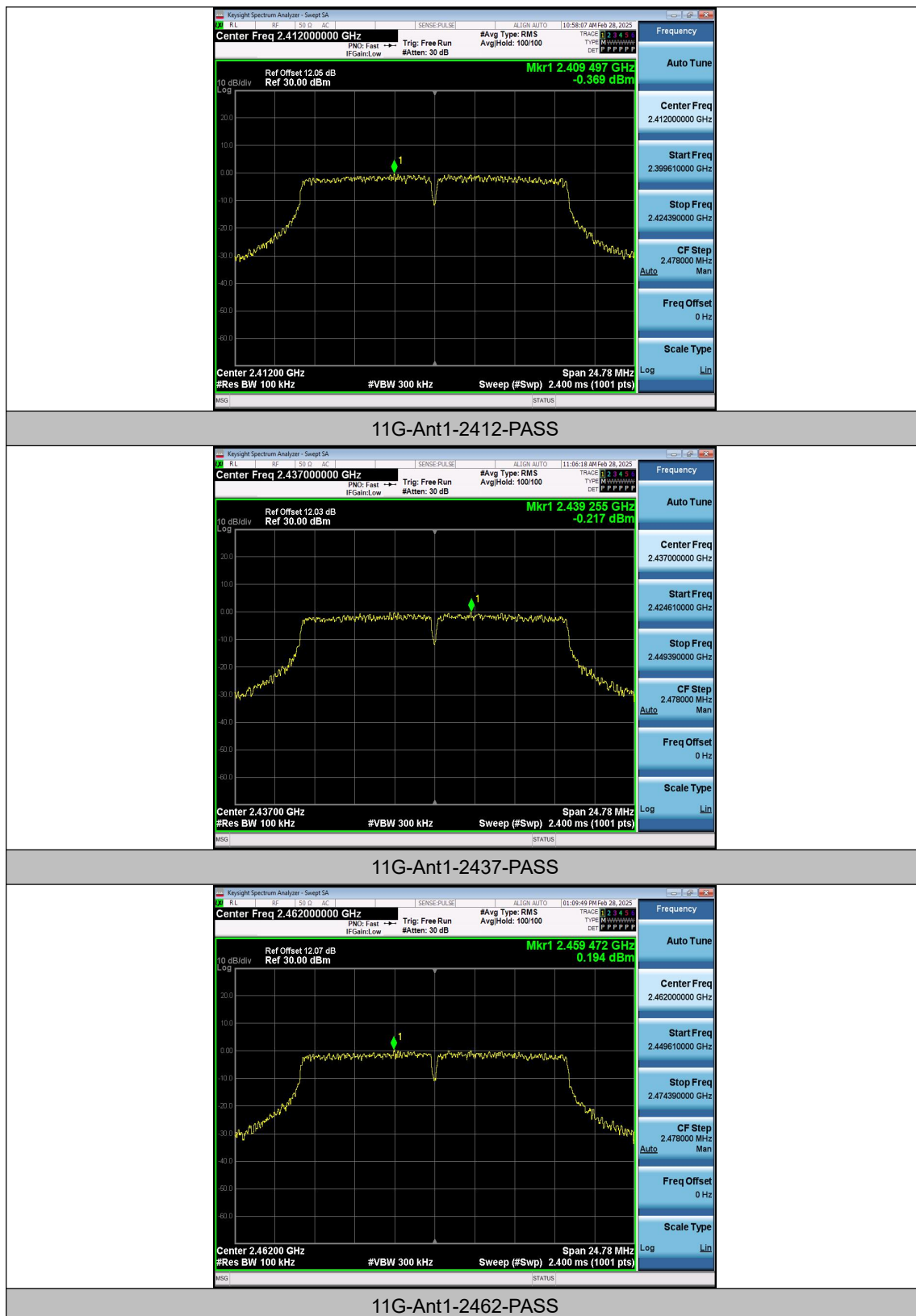
Appendix D: Reference level measurement

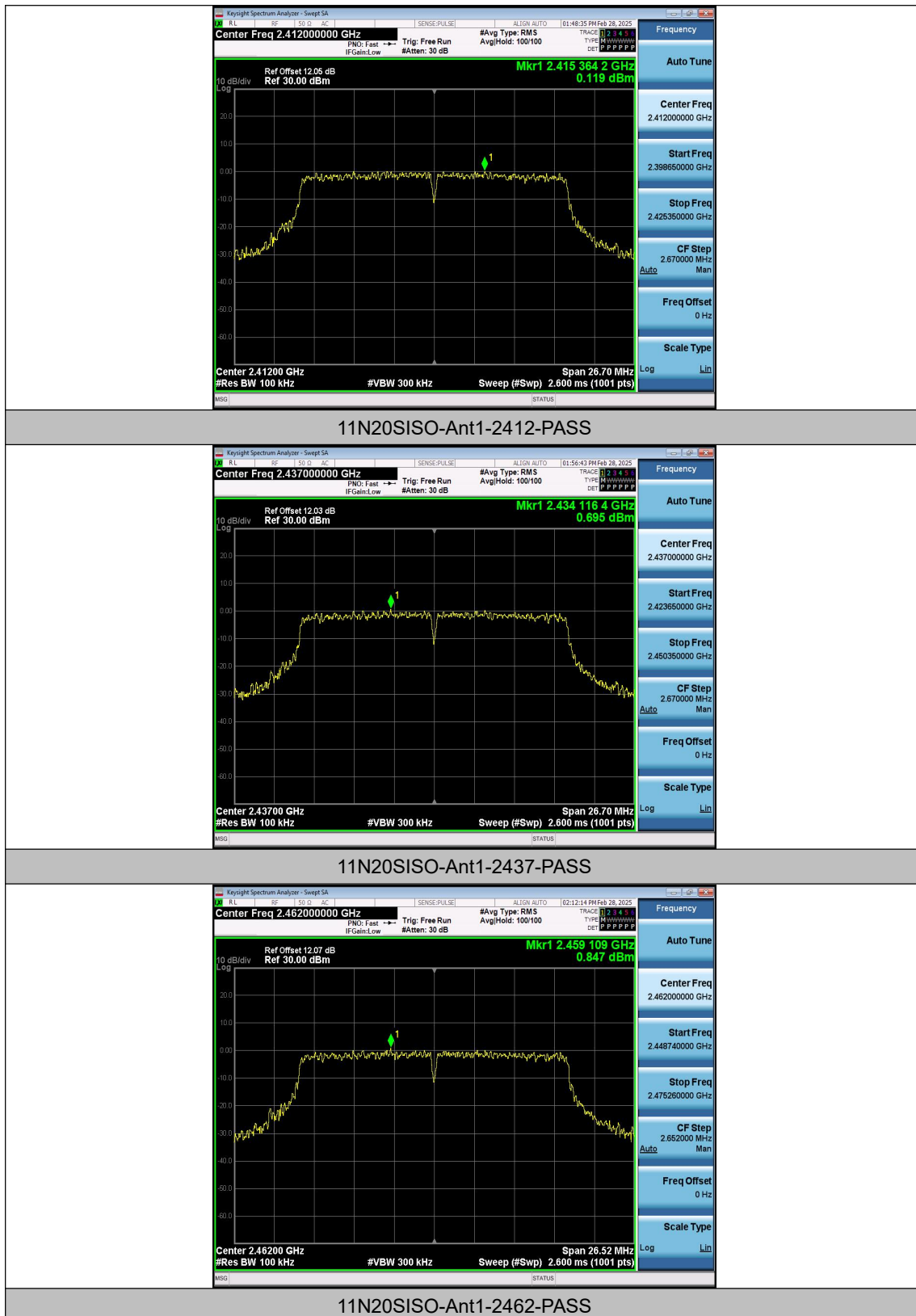
Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.49	7.98
11B	Ant1	2437	2437.98	7.22
11B	Ant1	2462	2462.49	7.23
11G	Ant1	2412	2409.50	-0.37
11G	Ant1	2437	2439.25	-0.22
11G	Ant1	2462	2459.47	0.19
11N20SISO	Ant1	2412	2415.36	0.12
11N20SISO	Ant1	2437	2434.12	0.70
11N20SISO	Ant1	2462	2459.11	0.85

Test Graphs







Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.98	-32.79	≤-12.02	PASS
11B	Ant1	High	2462	7.23	-45.03	≤-12.77	PASS
11G	Ant1	Low	2412	-0.37	-29.07	≤-20.37	PASS
11G	Ant1	High	2462	0.19	-40.45	≤-19.81	PASS
11N20SISO	Ant1	Low	2412	0.12	-26.94	≤-19.88	PASS
11N20SISO	Ant1	High	2462	0.85	-37.58	≤-19.15	PASS

Test Graphs





Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	7.98	-58.66	≤-12.02	PASS
11B	Ant1	2412	1000~26500	7.98	-40.24	≤-12.02	PASS
11B	Ant1	2437	30~1000	7.22	-59.48	≤-12.78	PASS
11B	Ant1	2437	1000~26500	7.22	-42.21	≤-12.78	PASS
11B	Ant1	2462	30~1000	7.23	-58.7	≤-12.77	PASS
11B	Ant1	2462	1000~26500	7.23	-44.21	≤-12.77	PASS
11G	Ant1	2412	30~1000	-0.37	-57.55	≤-20.37	PASS
11G	Ant1	2412	1000~26500	-0.37	-43.63	≤-20.37	PASS
11G	Ant1	2437	30~1000	-0.22	-57.75	≤-20.22	PASS
11G	Ant1	2437	1000~26500	-0.22	-44.59	≤-20.22	PASS
11G	Ant1	2462	30~1000	0.19	-50.93	≤-19.81	PASS
11G	Ant1	2462	1000~26500	0.19	-43.36	≤-19.81	PASS
11N20SISO	Ant1	2412	30~1000	0.12	-39.17	≤-19.88	PASS
11N20SISO	Ant1	2412	1000~26500	0.12	-43.86	≤-19.88	PASS
11N20SISO	Ant1	2437	30~1000	0.70	-39.02	≤-19.3	PASS
11N20SISO	Ant1	2437	1000~26500	0.70	-44.45	≤-19.3	PASS
11N20SISO	Ant1	2462	30~1000	0.85	-43.75	≤-19.15	PASS
11N20SISO	Ant1	2462	1000~26500	0.85	-44.33	≤-19.15	PASS

Test Graphs

