

Appendix for WiFi 2.4GHz

Product Name: Outdoor timer
Model No: DR-S713AM

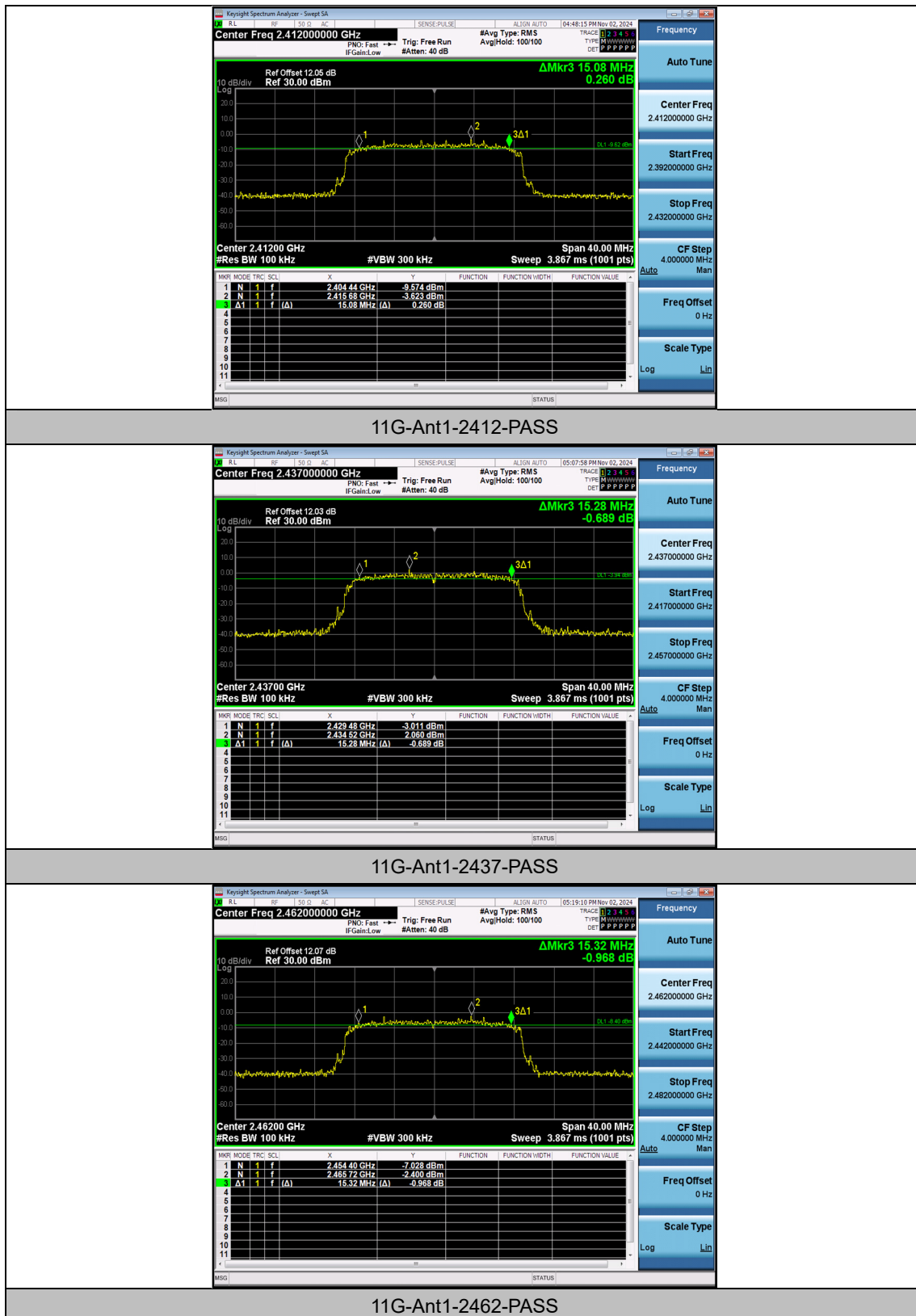
Appendix A: DTS Bandwidth

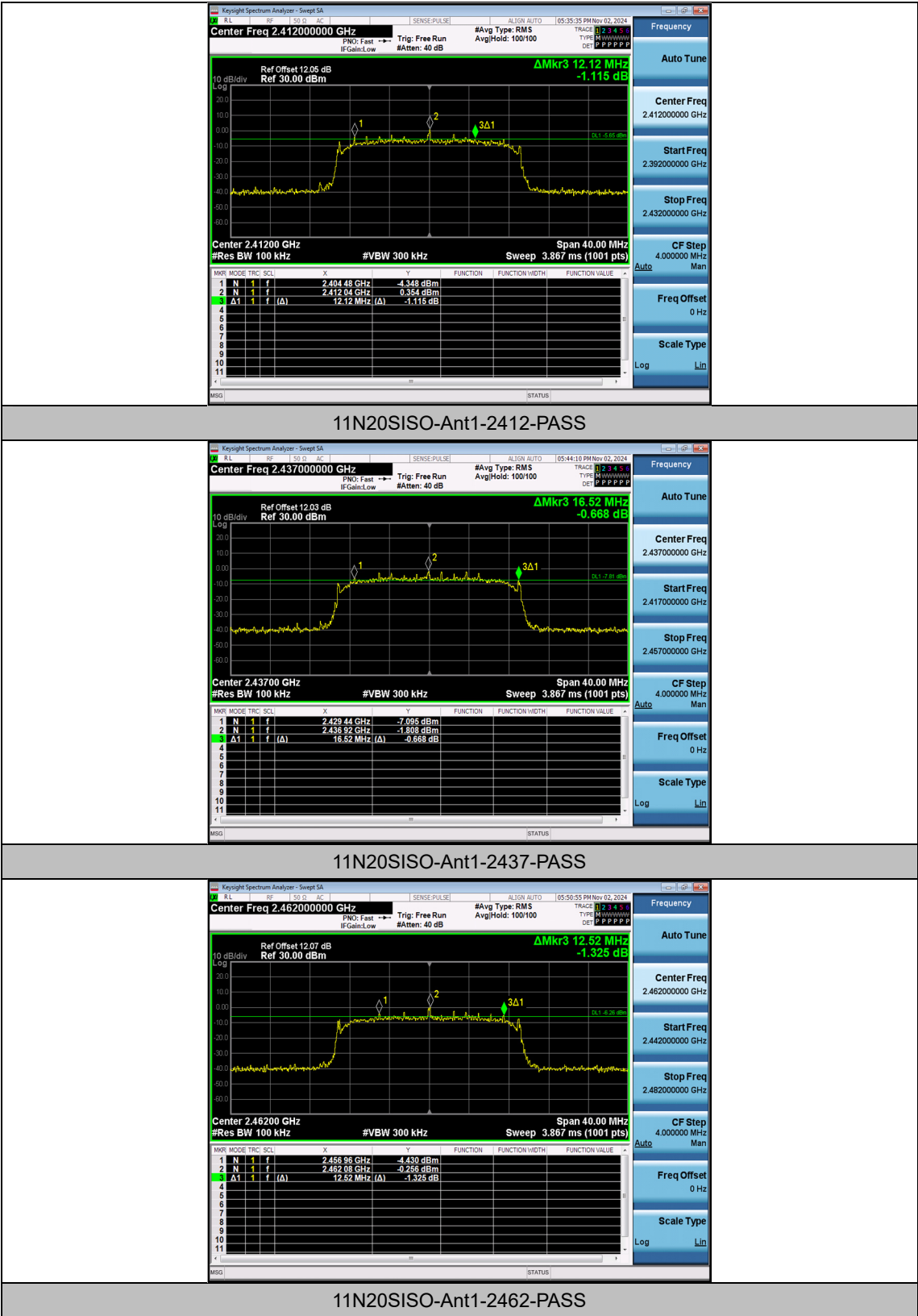
Test Result

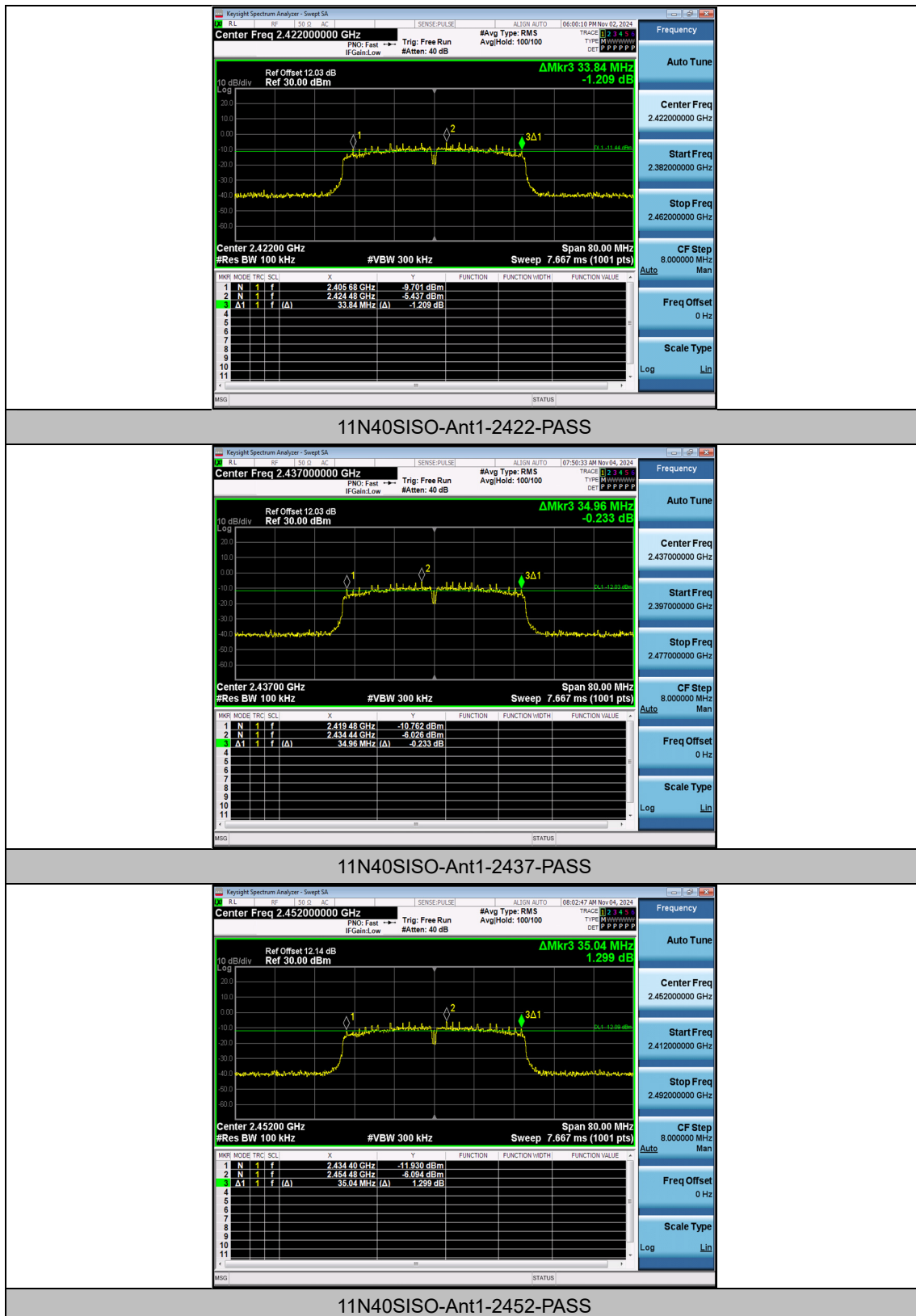
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.000	2405.960	2417.960	0.5	PASS
11B	Ant1	2437	12.040	2430.960	2443.000	0.5	PASS
11B	Ant1	2462	11.040	2456.000	2467.040	0.5	PASS
11G	Ant1	2412	15.080	2404.440	2419.520	0.5	PASS
11G	Ant1	2437	15.280	2429.480	2444.760	0.5	PASS
11G	Ant1	2462	15.320	2454.400	2469.720	0.5	PASS
11N20SISO	Ant1	2412	12.120	2404.480	2416.600	0.5	PASS
11N20SISO	Ant1	2437	16.520	2429.440	2445.960	0.5	PASS
11N20SISO	Ant1	2462	12.520	2456.960	2469.480	0.5	PASS
11N40SISO	Ant1	2422	33.840	2405.680	2439.520	0.5	PASS
11N40SISO	Ant1	2437	34.960	2419.480	2454.440	0.5	PASS
11N40SISO	Ant1	2452	35.040	2434.400	2469.440	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	18.33	≤30.00	PASS
11B	Ant1	2437	18.22	≤30.00	PASS
11B	Ant1	2462	17.92	≤30.00	PASS
11G	Ant1	2412	8.95	≤30.00	PASS
11G	Ant1	2437	8.83	≤30.00	PASS
11G	Ant1	2462	8.49	≤30.00	PASS
11N20SISO	Ant1	2412	8.77	≤30.00	PASS
11N20SISO	Ant1	2437	8.58	≤30.00	PASS
11N20SISO	Ant1	2462	8.38	≤30.00	PASS
11N40SISO	Ant1	2422	7.95	≤30.00	PASS
11N40SISO	Ant1	2437	7.83	≤30.00	PASS
11N40SISO	Ant1	2452	7.32	≤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	-5.29	≤8.00	PASS
11B	Ant1	2437	-5.43	≤8.00	PASS
11B	Ant1	2462	-5.79	≤8.00	PASS
11G	Ant1	2412	-11.62	≤8.00	PASS
11G	Ant1	2437	-13.71	≤8.00	PASS
11G	Ant1	2462	-14.24	≤8.00	PASS
11N20SISO	Ant1	2412	-14.32	≤8.00	PASS
11N20SISO	Ant1	2437	-14.48	≤8.00	PASS
11N20SISO	Ant1	2462	-14.57	≤8.00	PASS
11N40SISO	Ant1	2422	-14.05	≤8.00	PASS
11N40SISO	Ant1	2437	-12.80	≤8.00	PASS
11N40SISO	Ant1	2452	-12.55	≤8.00	PASS

Test Graphs

