

Appendix for WiFi 2.4GHz

Product Name: Screen projector
Model No: MR156TUS02

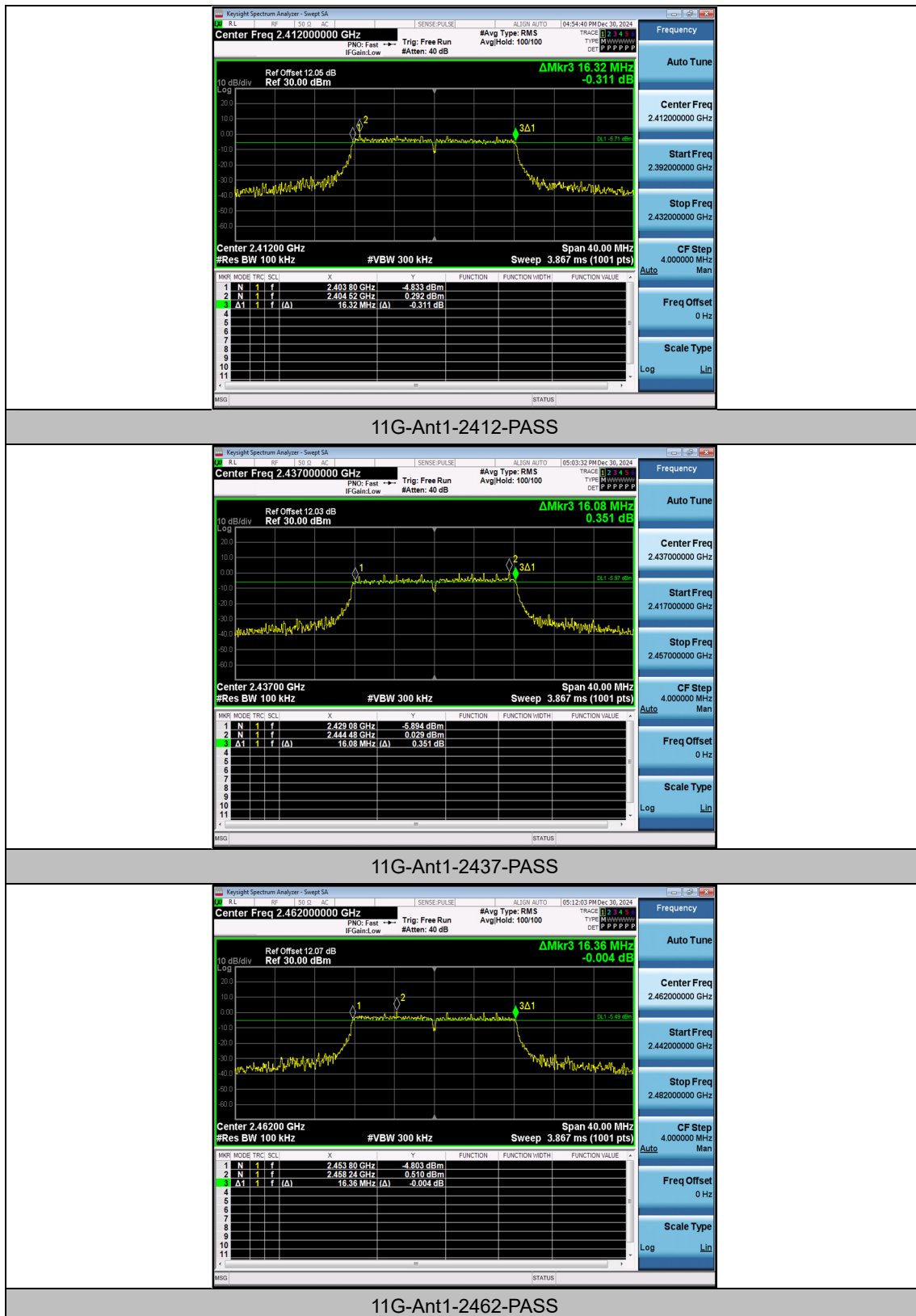
Appendix A: DTS Bandwidth

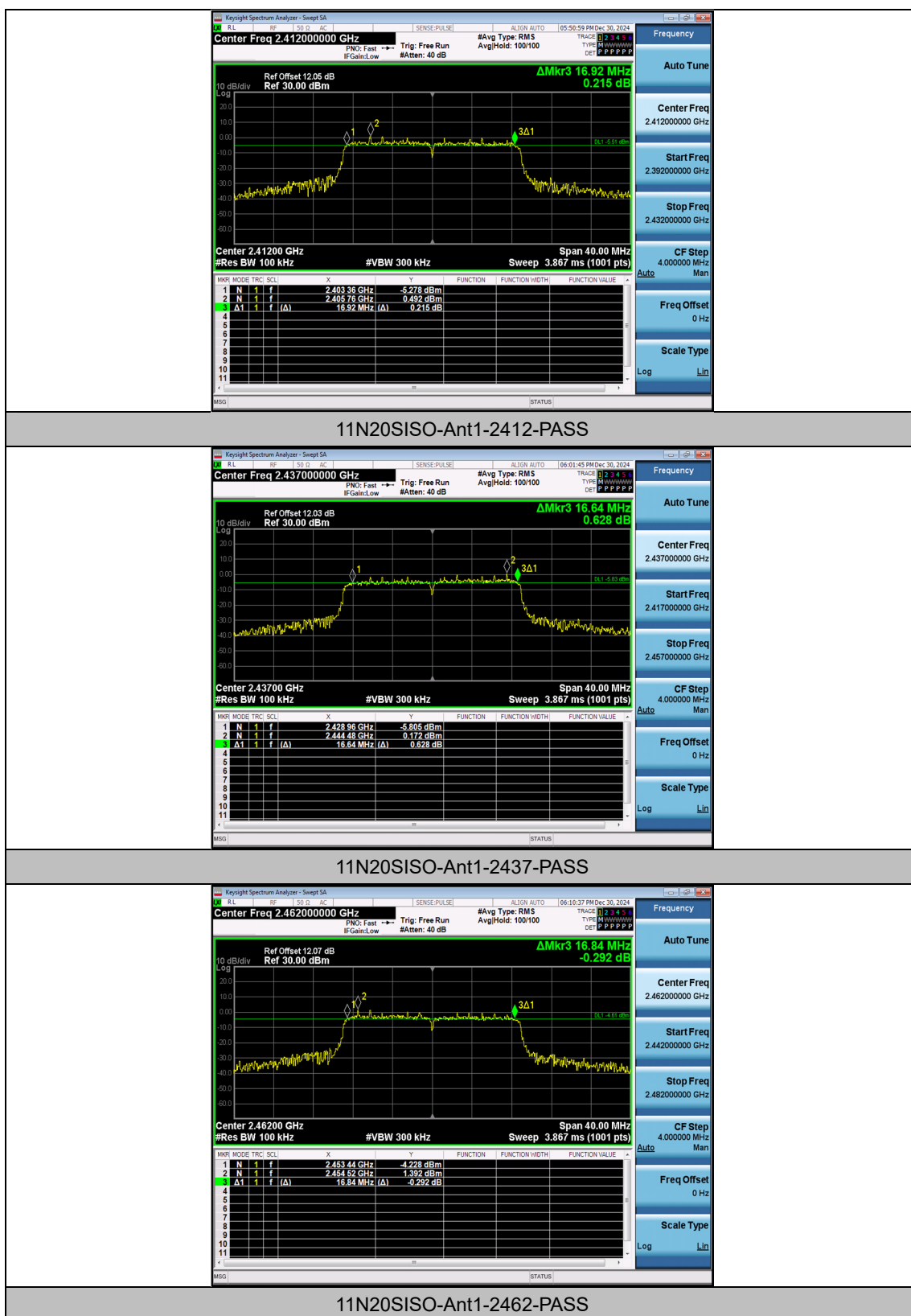
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2406.960	2417.000	0.5	PASS
11B	Ant1	2437	9.600	2431.960	2441.560	0.5	PASS
11B	Ant1	2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.800	2420.120	0.5	PASS
11G	Ant1	2437	16.080	2429.080	2445.160	0.5	PASS
11G	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.920	2403.360	2420.280	0.5	PASS
11N20SISO	Ant1	2437	16.640	2428.960	2445.600	0.5	PASS
11N20SISO	Ant1	2462	16.840	2453.440	2470.280	0.5	PASS

Test Graphs





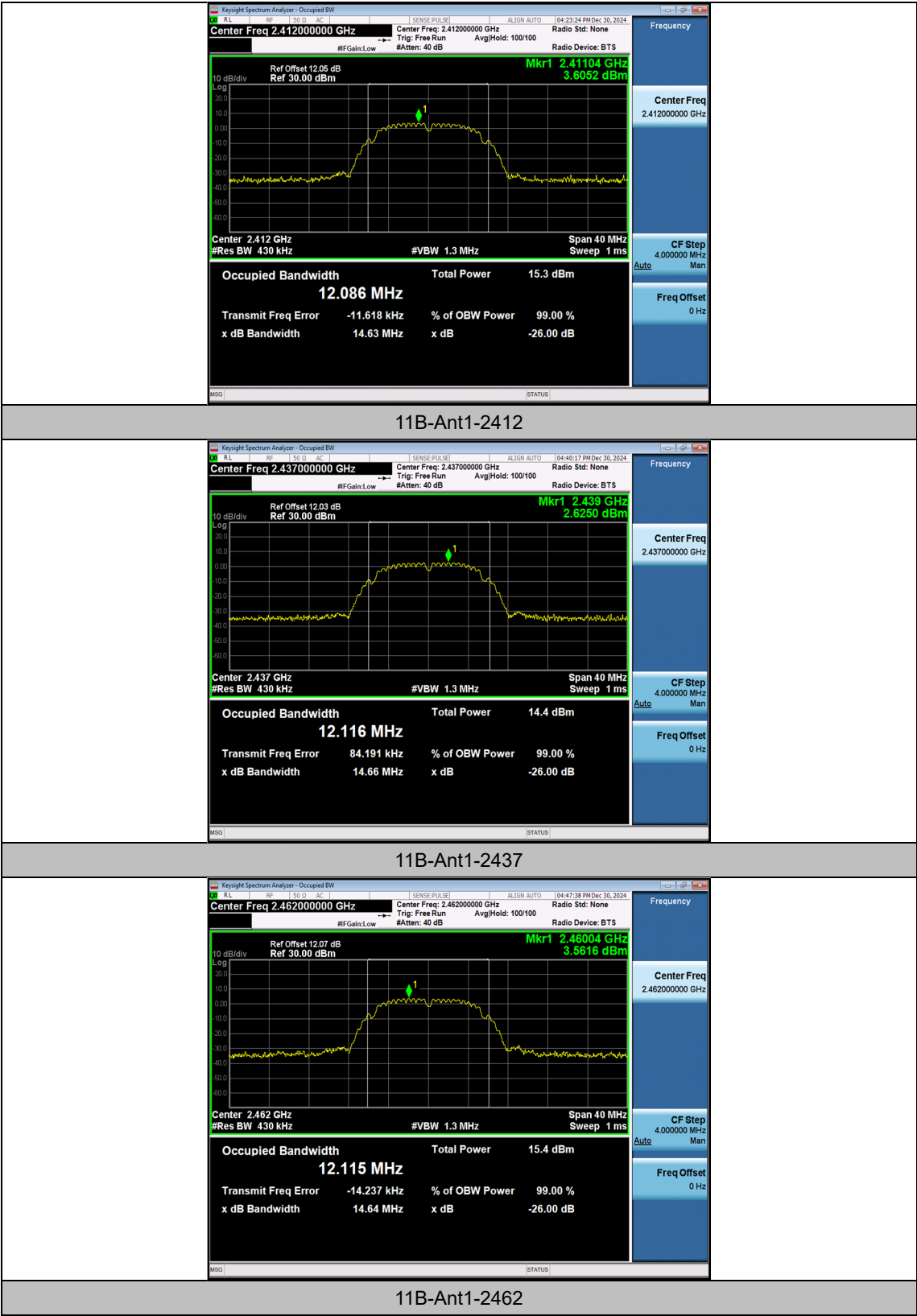


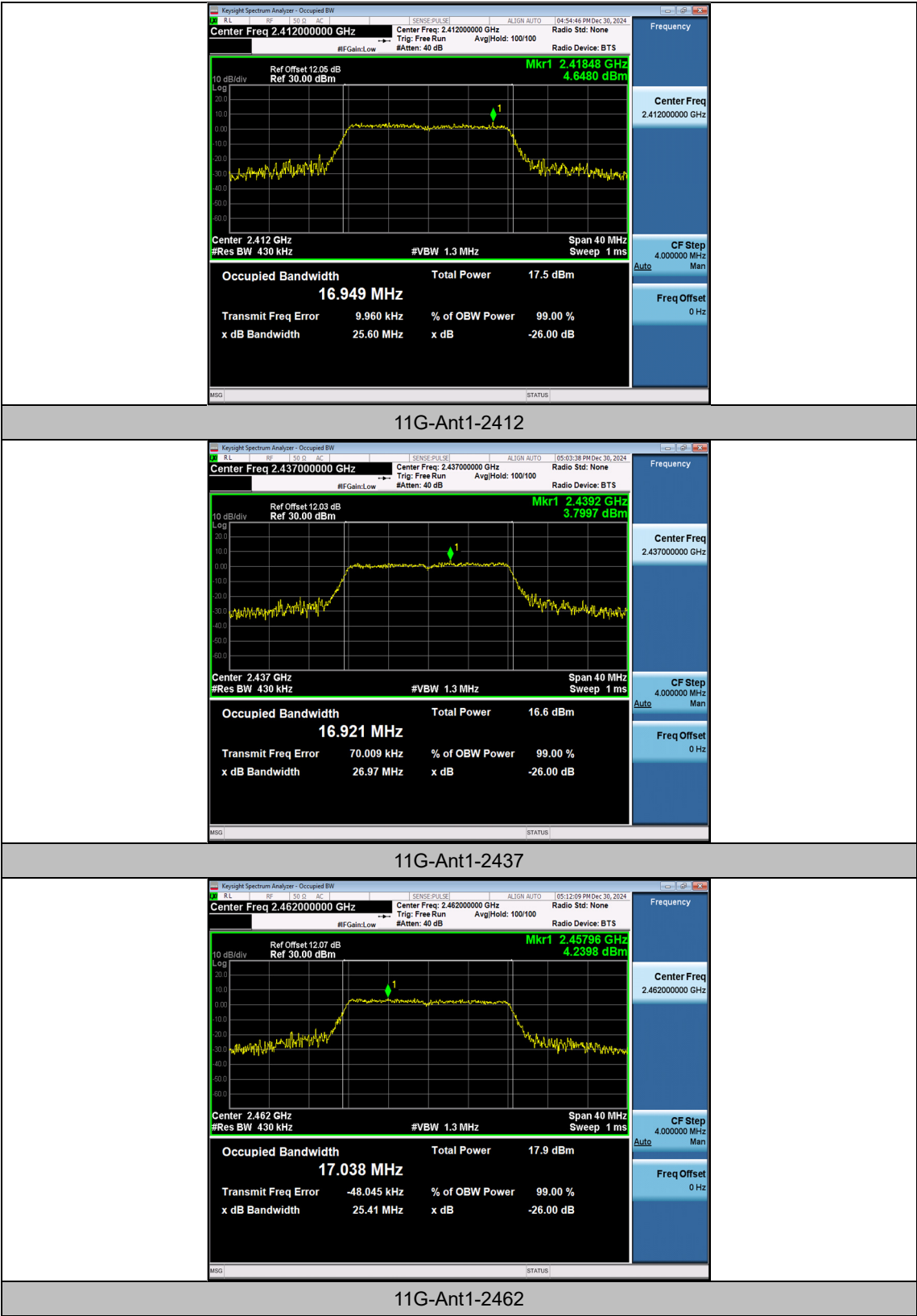
Appendix B: Occupied Channel Bandwidth

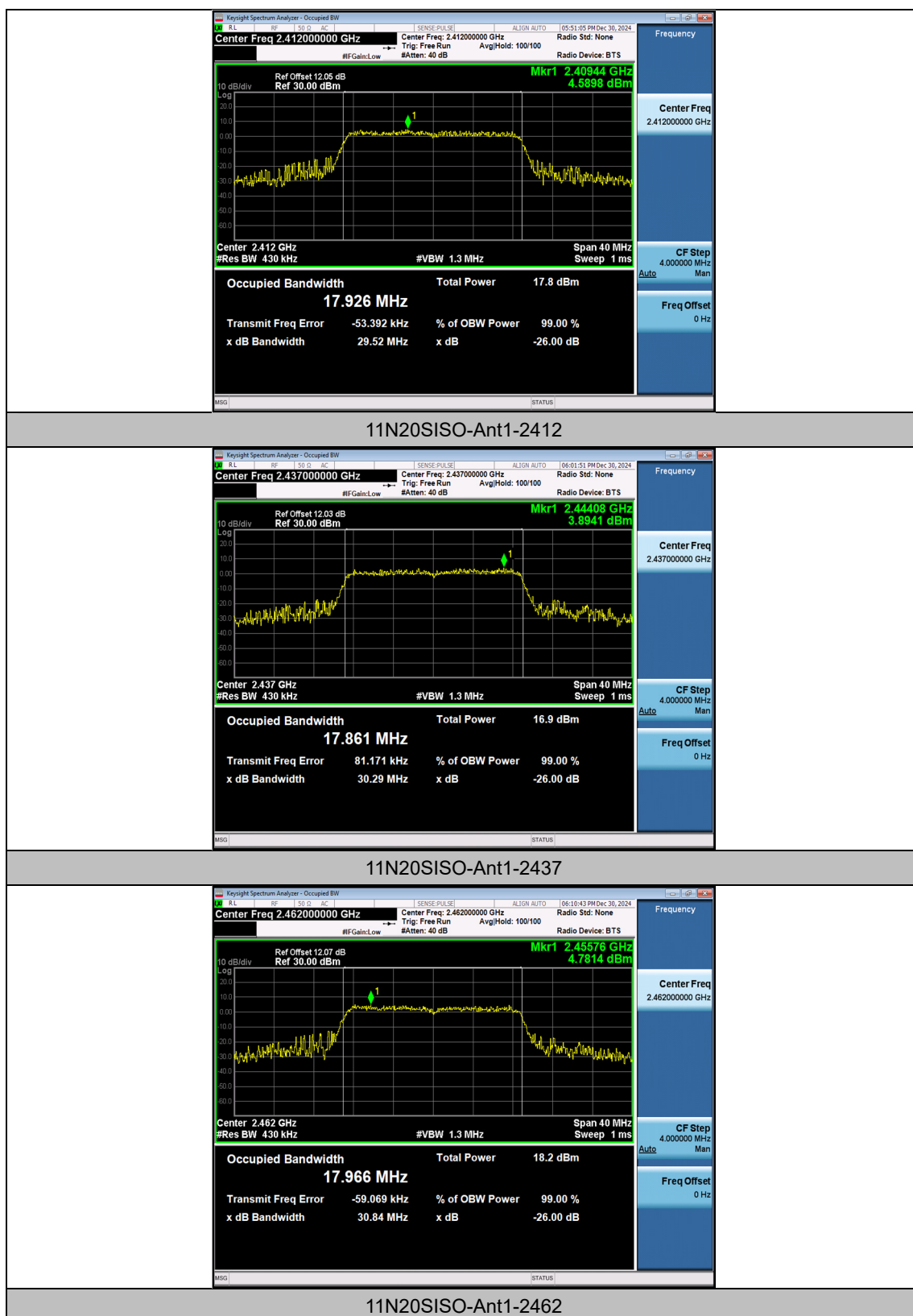
Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.086	2405.9454	2418.0314	---	---
11B	Ant1	2437	12.116	2431.0262	2443.1422	---	---
11B	Ant1	2462	12.115	2455.9283	2468.0433	---	---
11G	Ant1	2412	16.949	2403.5355	2420.4845	---	---
11G	Ant1	2437	16.921	2428.6095	2445.5305	---	---
11G	Ant1	2462	17.038	2453.4330	2470.4710	---	---
11N20SISO	Ant1	2412	17.926	2402.9836	2420.9096	---	---
11N20SISO	Ant1	2437	17.861	2428.1507	2446.0117	---	---
11N20SISO	Ant1	2462	17.966	2452.9579	2470.9239	---	---

Test Graphs







Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	NA	12.21	≤30.00	12.21	≤36.00	PASS
11B	Ant1	2437	NA	11.75	≤30.00	11.75	≤36.00	PASS
11B	Ant1	2462	NA	12.38	≤30.00	12.38	≤36.00	PASS
11G	Ant1	2412	NA	11.78	≤30.00	11.78	≤36.00	PASS
11G	Ant1	2437	NA	11.21	≤30.00	11.21	≤36.00	PASS
11G	Ant1	2462	NA	12.48	≤30.00	12.48	≤36.00	PASS
11N20SISO	Ant1	2412	NA	12.12	≤30.00	12.12	≤36.00	PASS
11N20SISO	Ant1	2437	NA	11.36	≤30.00	11.36	≤36.00	PASS
11N20SISO	Ant1	2462	NA	12.40	≤30.00	12.40	≤36.00	PASS

Test Result Average

Test Mode	Antenna	Frequency[MHz]	Set Power	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	NA	12.22	97.90	0.09	12.31	≤36.00	PASS
11B	Ant1	2437	NA	11.37	97.67	0.10	11.47	≤36.00	PASS
11B	Ant1	2462	NA	12.39	97.78	0.10	12.49	≤36.00	PASS
11G	Ant1	2412	NA	10.94	88.54	0.53	11.47	≤36.00	PASS
11G	Ant1	2437	NA	10.01	89.10	0.50	10.51	≤36.00	PASS
11G	Ant1	2462	NA	11.40	88.54	0.53	11.93	≤36.00	PASS
11N20SISO	Ant1	2412	NA	10.97	82.52	0.83	11.80	≤36.00	PASS
11N20SISO	Ant1	2437	NA	10.20	87.31	0.59	10.79	≤36.00	PASS
11N20SISO	Ant1	2462	NA	11.23	87.31	0.59	11.82	≤36.00	PASS

Test Graphs Average

