

10 APPENDIX

Appendix1

10.1 APPENDIX A: DTS BANDWIDTH

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.120	2407.960	2416.080	≥ 0.5	PASS
		2437	8.600	2432.960	2441.560	≥ 0.5	PASS
		2462	9.120	2457.440	2466.560	≥ 0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	≥ 0.5	PASS
		2437	16.440	2428.760	2445.200	≥ 0.5	PASS
		2462	16.400	2453.800	2470.200	≥ 0.5	PASS
11N20SISO	Ant1	2412	17.440	2403.200	2420.640	≥ 0.5	PASS
		2437	17.600	2428.200	2445.800	≥ 0.5	PASS
		2462	17.400	2453.200	2470.600	≥ 0.5	PASS

Test Graphs







10.2 APPENDIX B: OCCUPIED CHANNEL BANDWIDTH

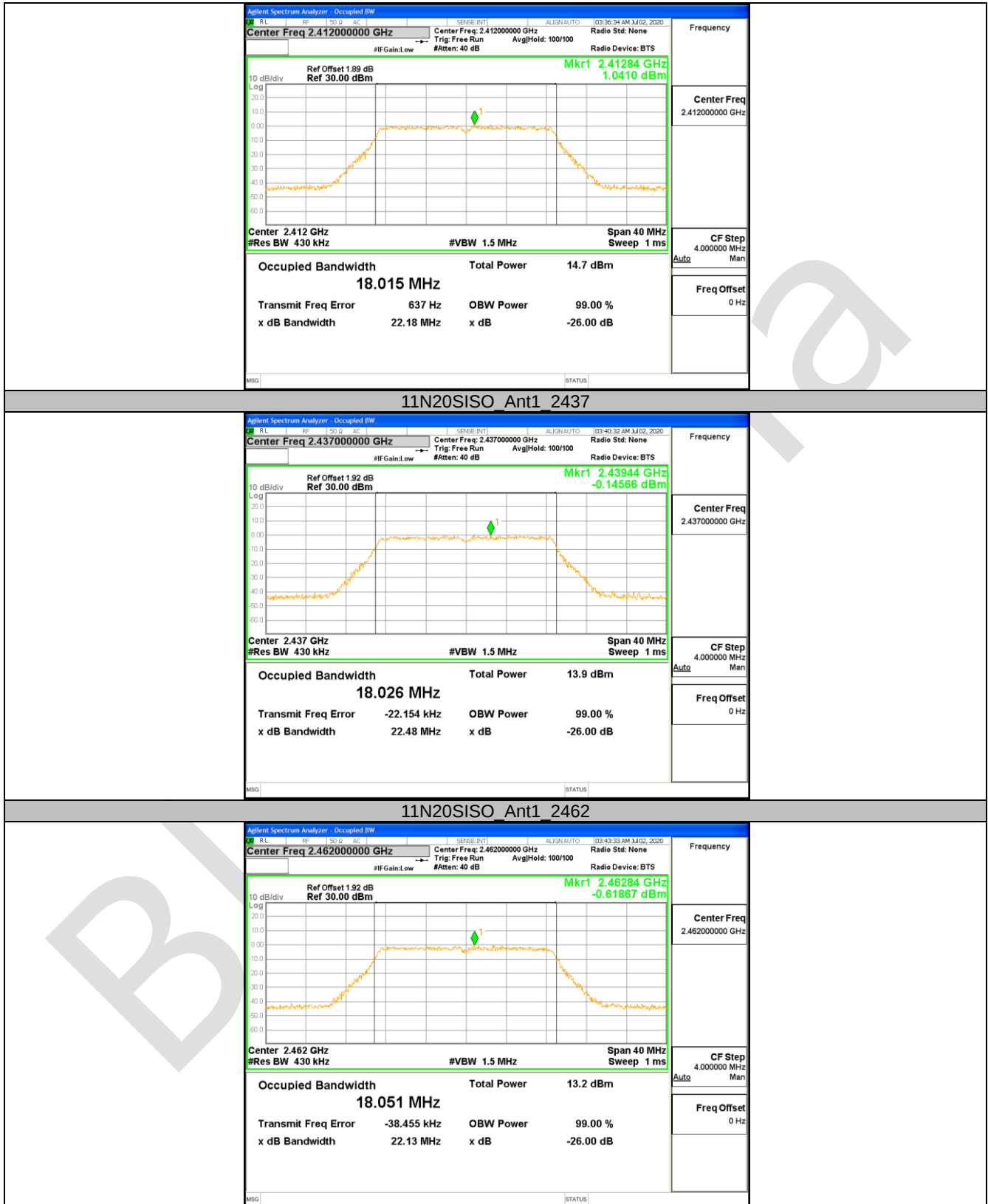
Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.260	2405.345	2418.605	---	PASS
		2437	13.334	2430.367	2443.701	---	PASS
		2462	13.316	2455.306	2468.622	---	PASS
11G	Ant1	2412	17.192	2403.354	2420.546	---	PASS
		2437	17.306	2428.294	2445.600	---	PASS
		2462	17.173	2453.380	2470.553	---	PASS
11N20SISO	Ant1	2412	18.015	2402.993	2421.008	---	PASS
		2437	18.026	2427.965	2445.991	---	PASS
		2462	18.051	2452.936	2470.987	---	PASS

Test Graphs







10.3 APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

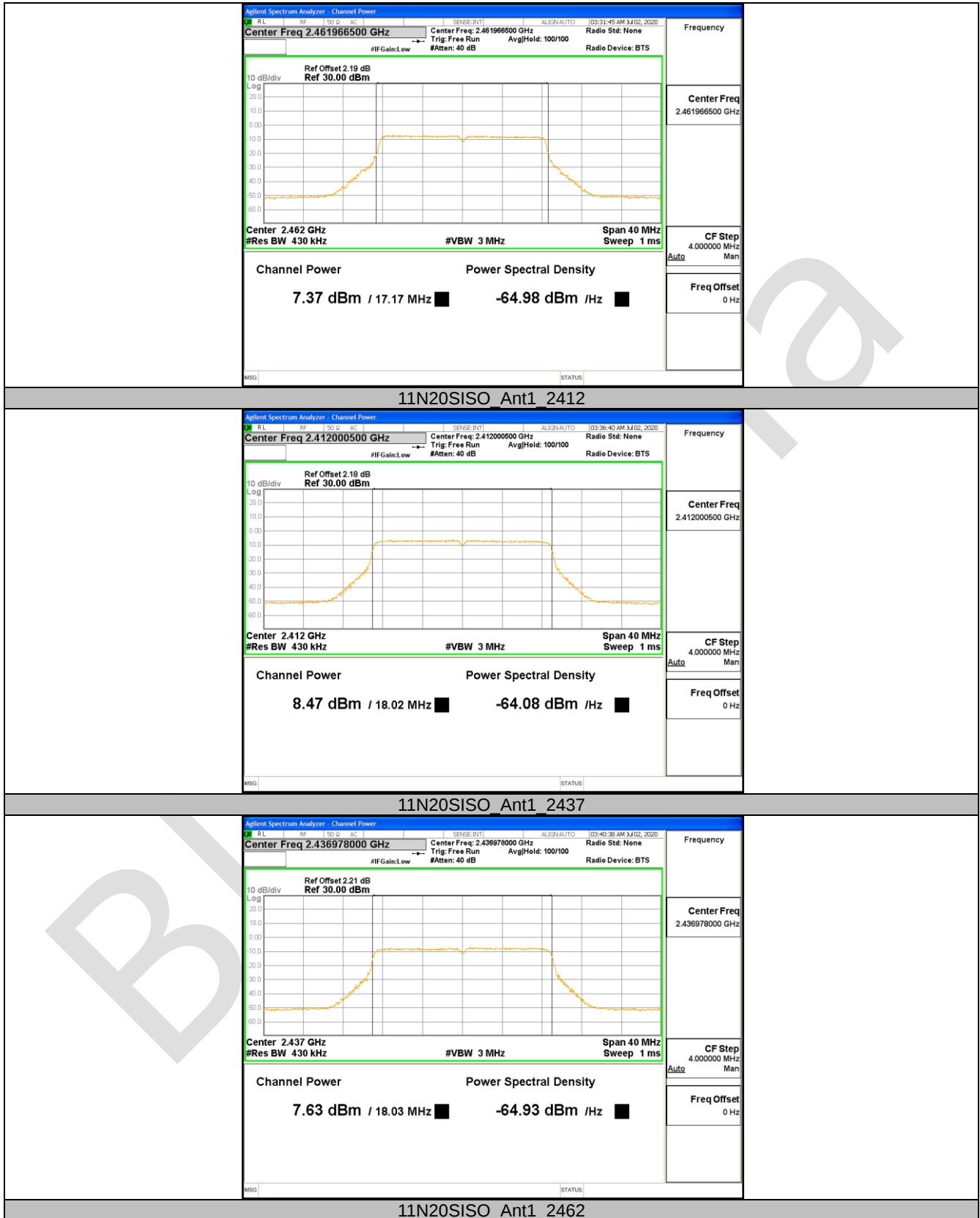
Test Result

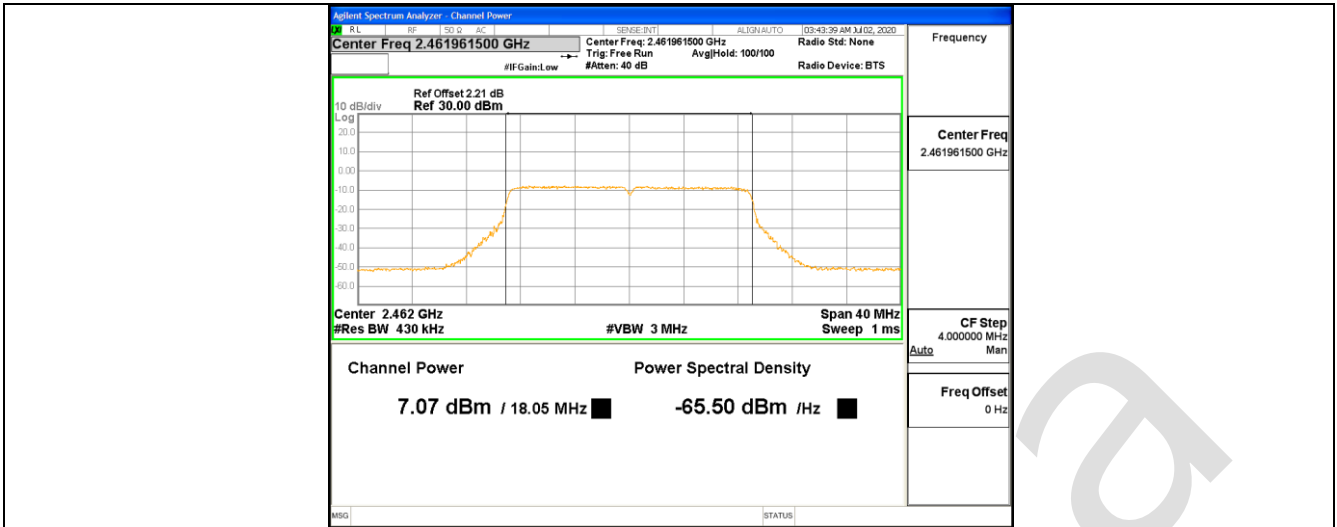
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.46	<=30	PASS
		2437	12.57	<=30	PASS
		2462	12.30	<=30	PASS
11G	Ant1	2412	7.81	<=30	PASS
		2437	7.75	<=30	PASS
		2462	7.37	<=30	PASS
11N20SISO	Ant1	2412	8.47	<=30	PASS
		2437	7.63	<=30	PASS
		2462	7.07	<=30	PASS

Test Graphs







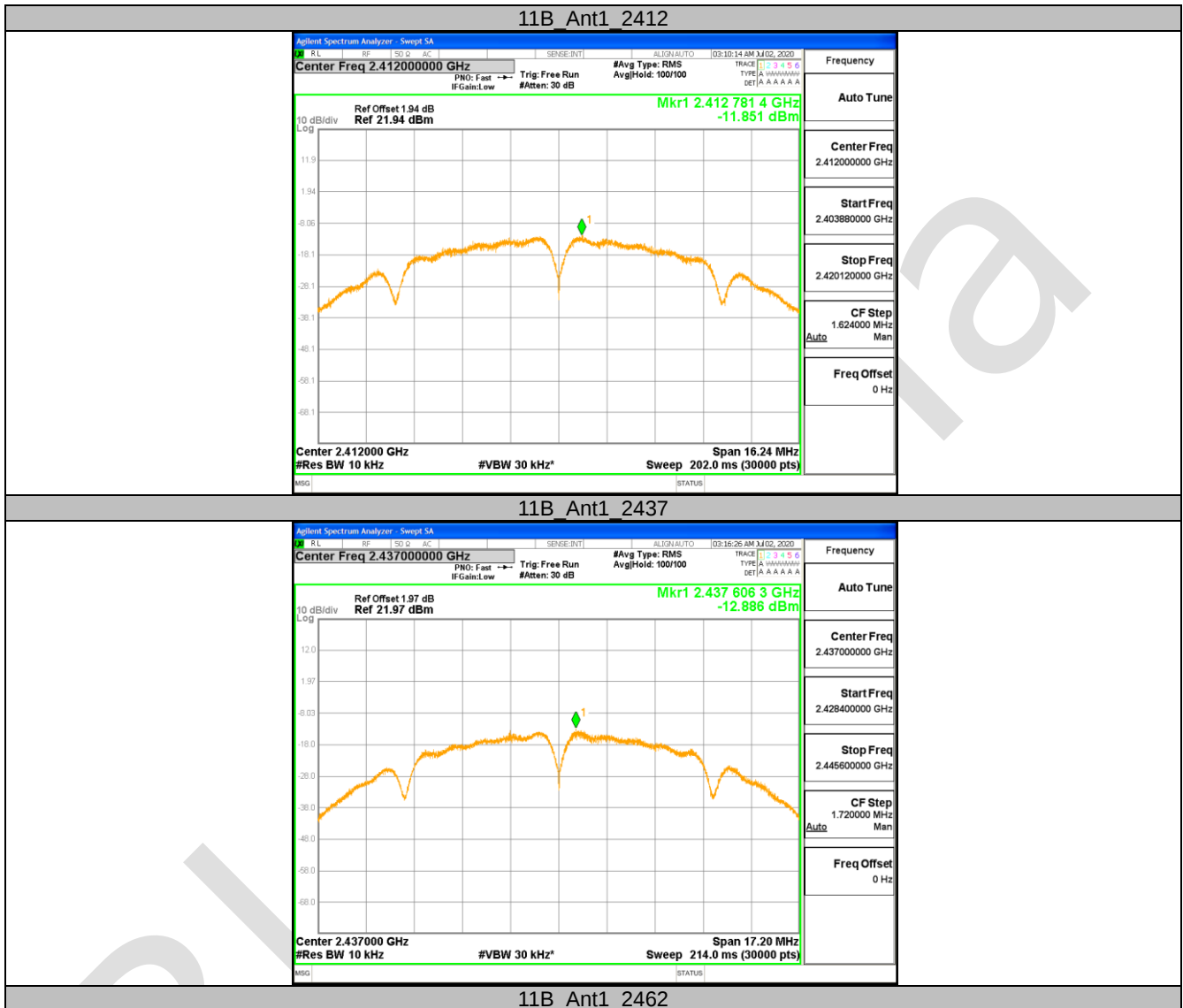


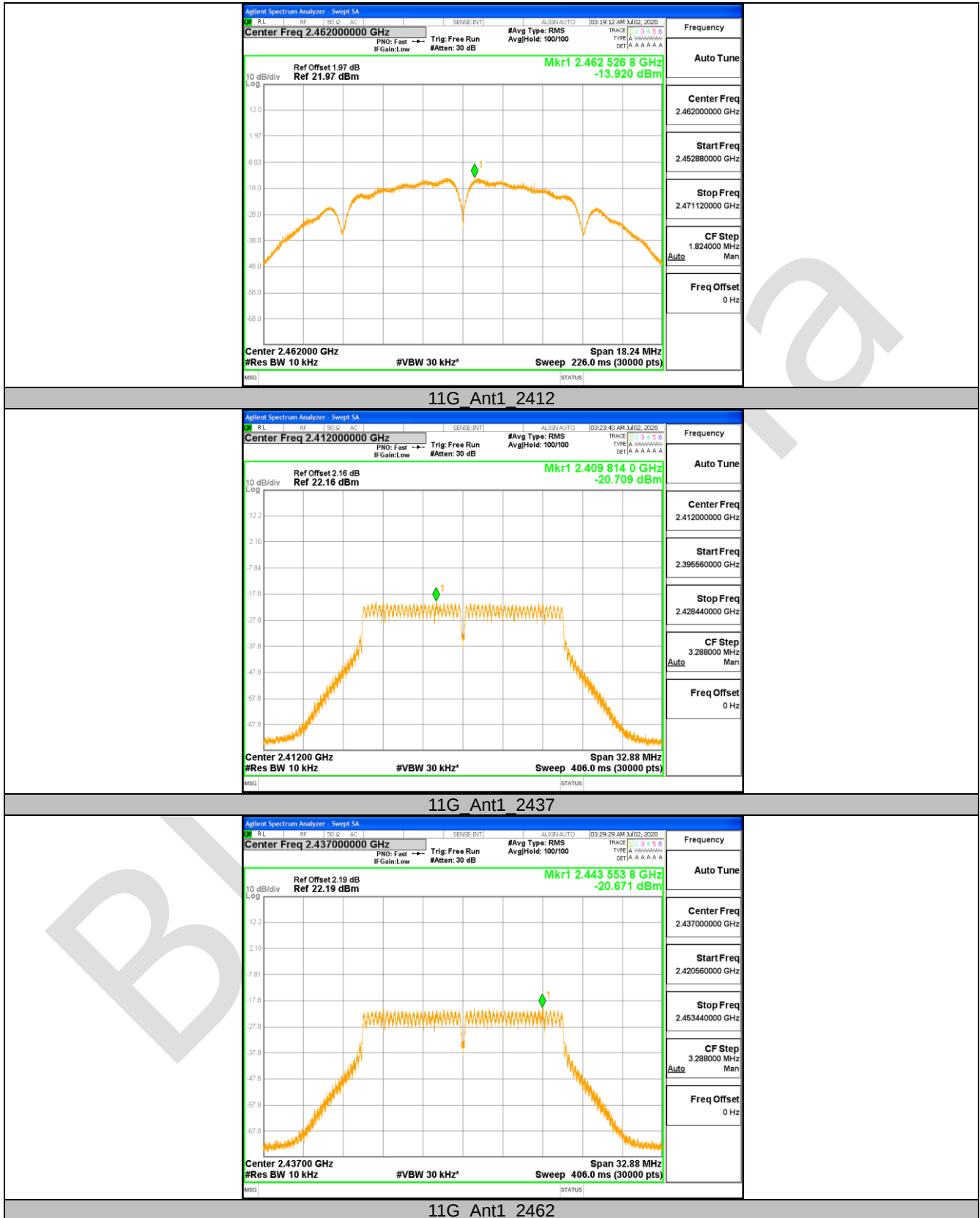
10.4 APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

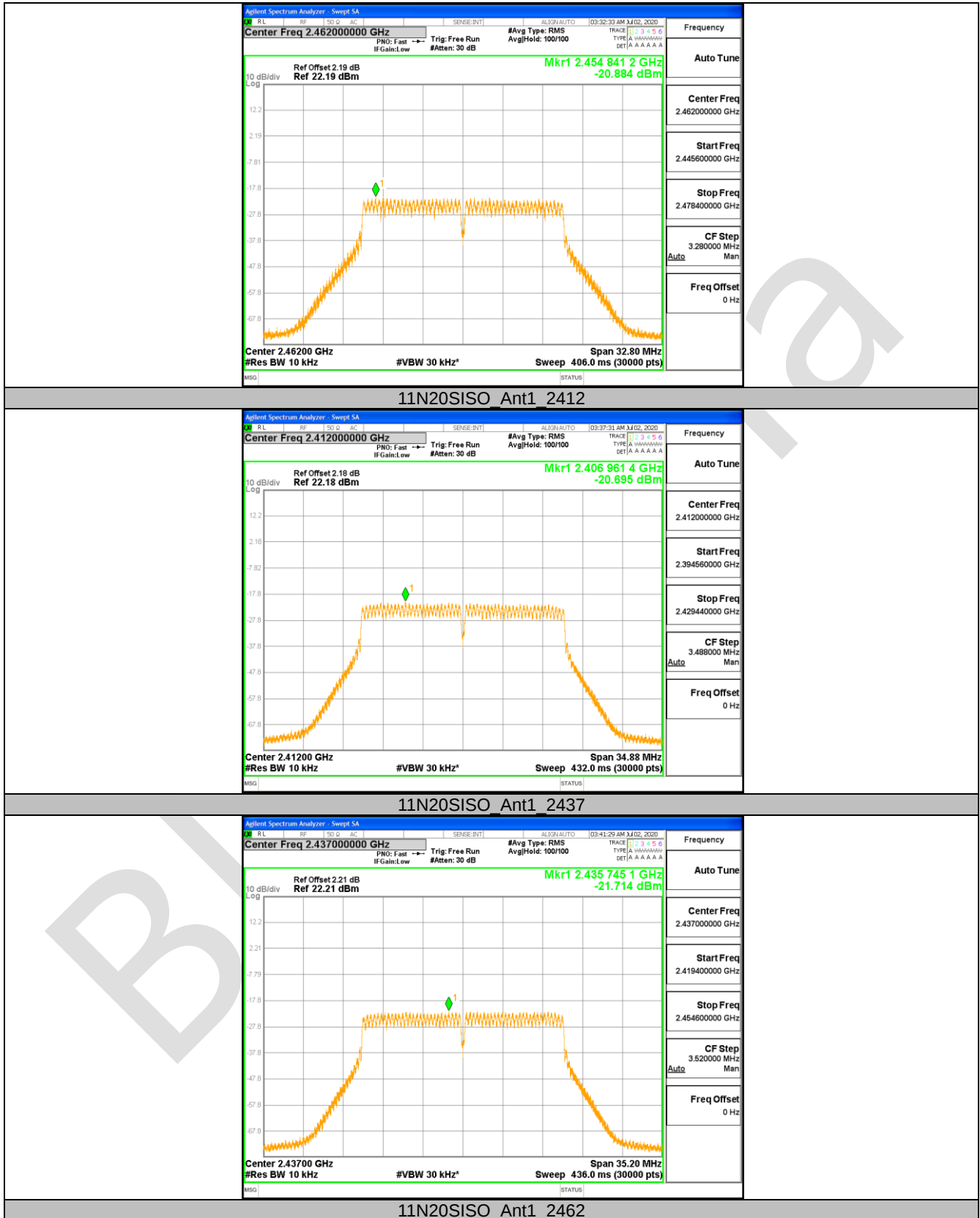
Test Result

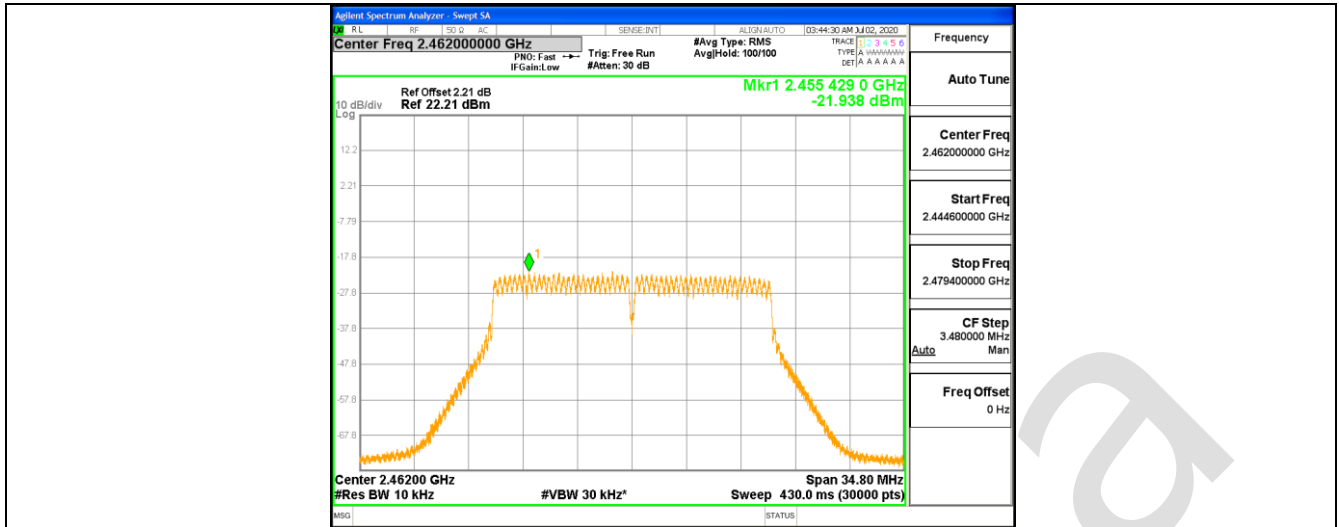
TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.85	<=8	PASS
		2437	-12.89	<=8	PASS
		2462	-13.92	<=8	PASS
11G	Ant1	2412	-20.71	<=8	PASS
		2437	-20.67	<=8	PASS
		2462	-20.88	<=8	PASS
11N20SISO	Ant1	2412	-20.7	<=8	PASS
		2437	-21.71	<=8	PASS
		2462	-21.94	<=8	PASS

Test Graphs









10.5 APPENDIX E: BAND EDGE MEASUREMENTS

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.11	-54.63	<=-24.89	PASS
		High	2462	3.31	-54.59	<=-26.7	PASS
11G	Ant1	Low	2412	-3.62	-54.67	<=-33.62	PASS
		High	2462	-3.89	-55.03	<=-33.89	PASS
11N20SISO	Ant1	Low	2412	-3.52	-55.35	<=-33.52	PASS
		High	2462	-4.11	-54.46	<=-34.11	PASS

Test Graphs





10.6 APPENDIX F: CONDUCTED SPURIOUS EMISSION

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.66	4.66	---	PASS
			30~1000	30~1000	-67.161	<=-15.344	PASS
			1000~26500	1000~26500	-53.717	<=-15.344	PASS
		2437	Reference	3.37	3.37	---	PASS
			30~1000	30~1000	-67.202	<=-16.633	PASS
			1000~26500	1000~26500	-53.508	<=-16.633	PASS
		2462	Reference	3.18	3.18	---	PASS
			30~1000	30~1000	-67.259	<=-16.825	PASS
			1000~26500	1000~26500	-53.719	<=-16.825	PASS
11G	Ant1	2412	Reference	-3.43	-3.43	---	PASS
			30~1000	30~1000	-67.417	<=-23.428	PASS
			1000~26500	1000~26500	-53.652	<=-23.428	PASS
		2437	Reference	-4.05	-4.05	---	PASS
			30~1000	30~1000	-67.159	<=-24.048	PASS
			1000~26500	1000~26500	-53.313	<=-24.048	PASS
		2462	Reference	-4.42	-4.42	---	PASS
			30~1000	30~1000	-65.568	<=-24.42	PASS
			1000~26500	1000~26500	-53.764	<=-24.42	PASS
11N20SISO	Ant1	2412	Reference	-3.79	-3.79	---	PASS
			30~1000	30~1000	-66.49	<=-23.792	PASS
			1000~26500	1000~26500	-53.611	<=-23.792	PASS
		2437	Reference	-4.35	-4.35	---	PASS
			30~1000	30~1000	-66.733	<=-24.35	PASS
			1000~26500	1000~26500	-53.361	<=-24.35	PASS
		2462	Reference	-4.38	-4.38	---	PASS
			30~1000	30~1000	-64.762	<=-24.383	PASS
			1000~26500	1000~26500	-53.789	<=-24.383	PASS

Test Graphs



