

Appendix: 2.4G WIFI

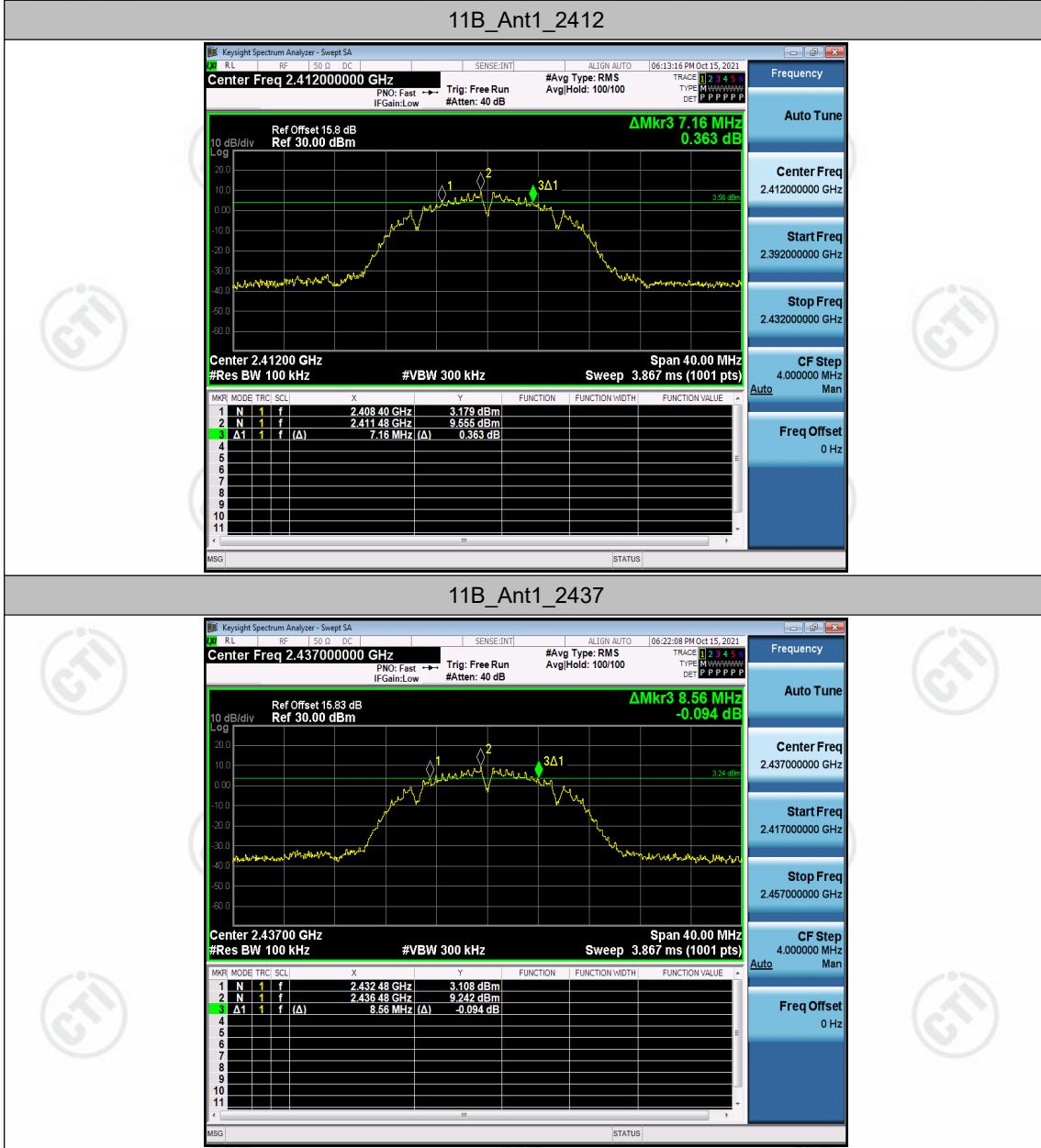
## Contents

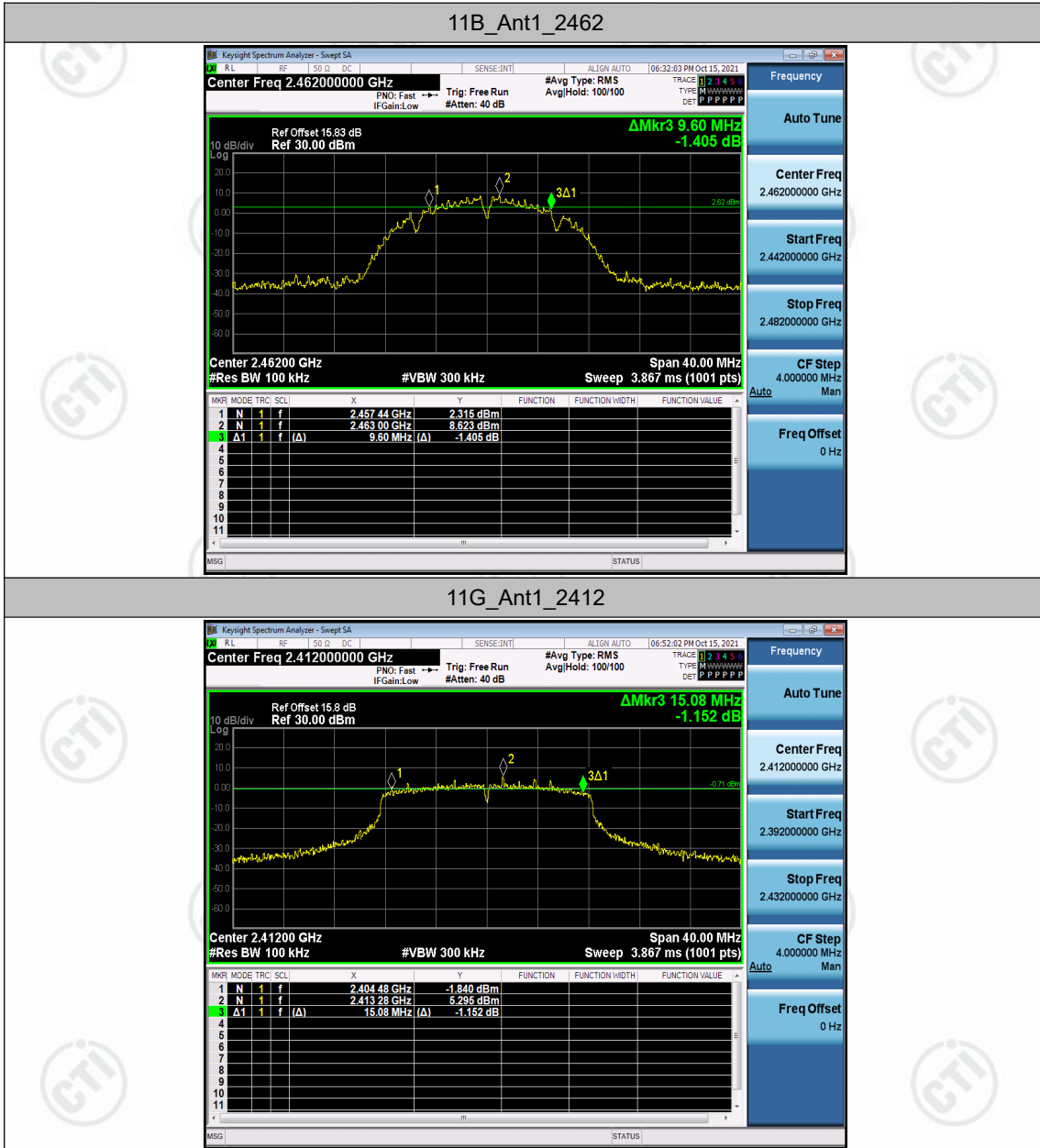
Appendix A: DTS Bandwidth.....	3
Test Result.....	3
Test Graphs.....	4
Appendix B: Occupied Channel Bandwidth.....	9
Test Result.....	9
Test Graphs.....	10
Appendix C: Maximum conducted output power.....	15
Test Result.....	15
Appendix D: Maximum power spectral density.....	16
Test Result.....	16
Test Graphs.....	17
AppendixE:Band edge measurements.....	22
Test Result.....	22
Test Graphs.....	23
Appendix F:Conducted SpuriousEmission.....	26
Test Result.....	26
Test Graphs.....	27
AppendixG: DutyCycle.....	41
Test Result.....	41
Test Graphs.....	42

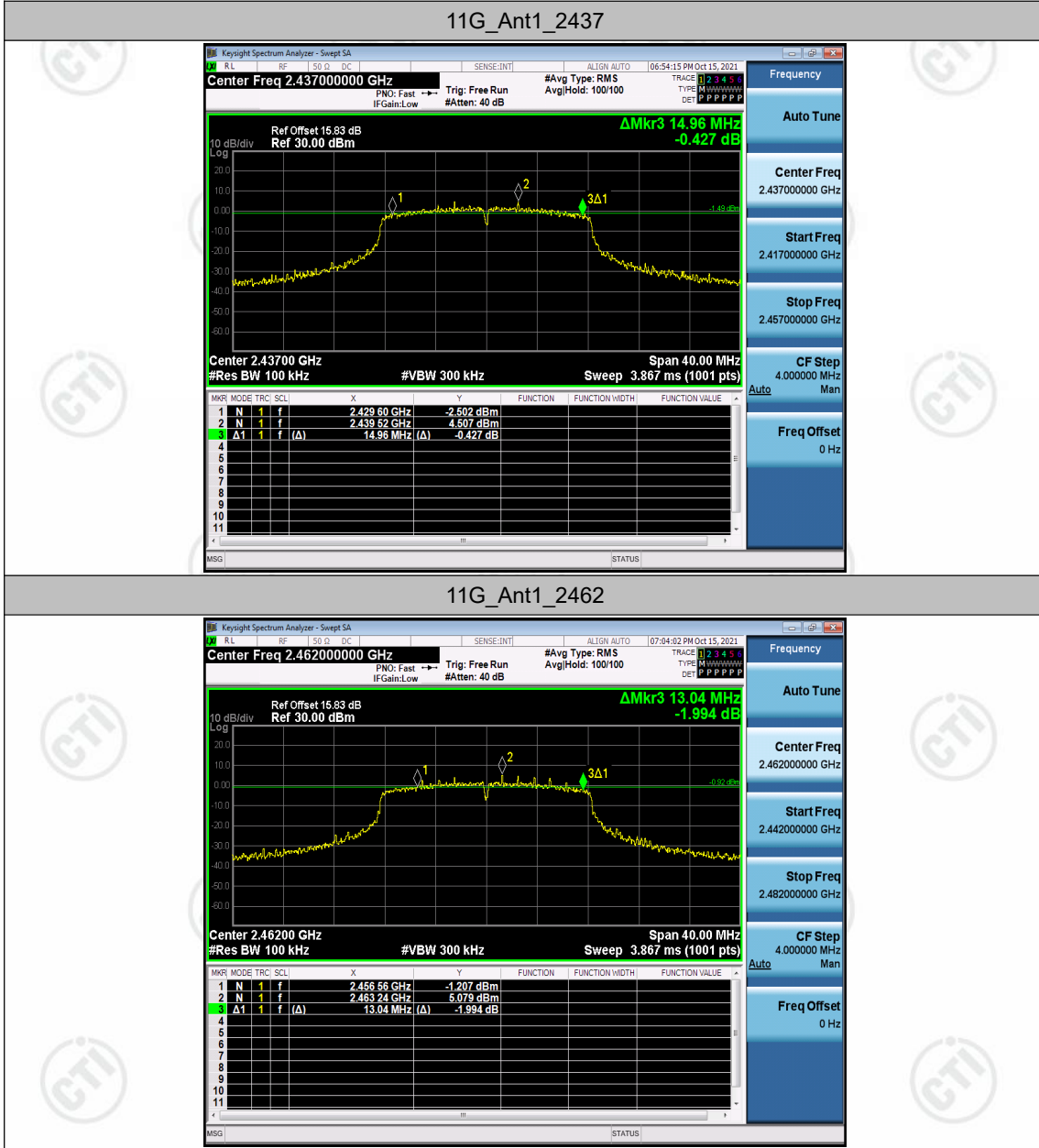
**Appendix A: DTS Bandwidth****Test Result**

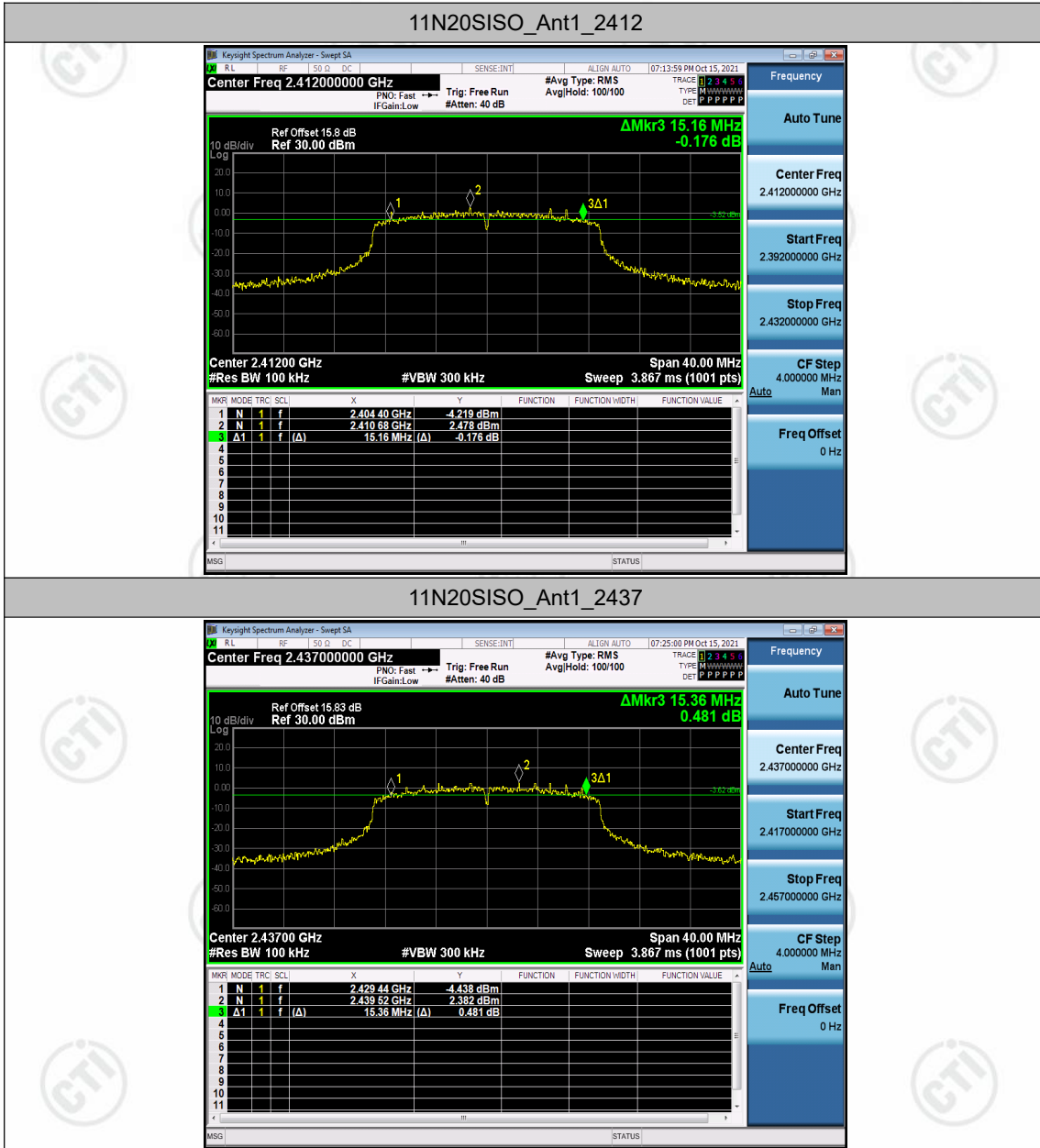
Test Mode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.160	2408.400	2415.560	0.5	PASS
		2437	8.560	2432.480	2441.040	0.5	PASS
		2462	9.600	2457.440	2467.040	0.5	PASS
11G	Ant1	2412	15.080	2404.480	2419.560	0.5	PASS
		2437	14.960	2429.600	2444.560	0.5	PASS
		2462	13.040	2456.560	2469.600	0.5	PASS
11N20SIS O	Ant1	2412	15.160	2404.400	2419.560	0.5	PASS
		2437	15.360	2429.440	2444.800	0.5	PASS
		2462	14.120	2455.400	2469.520	0.5	PASS

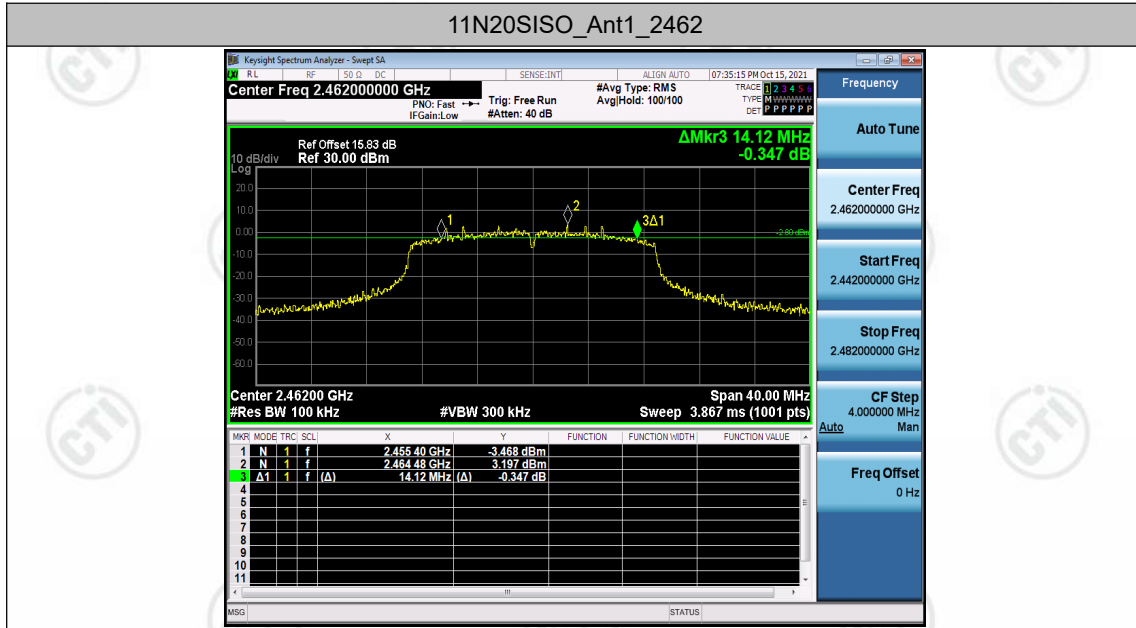
## Test Graphs




**11G\_Ant1\_2412**





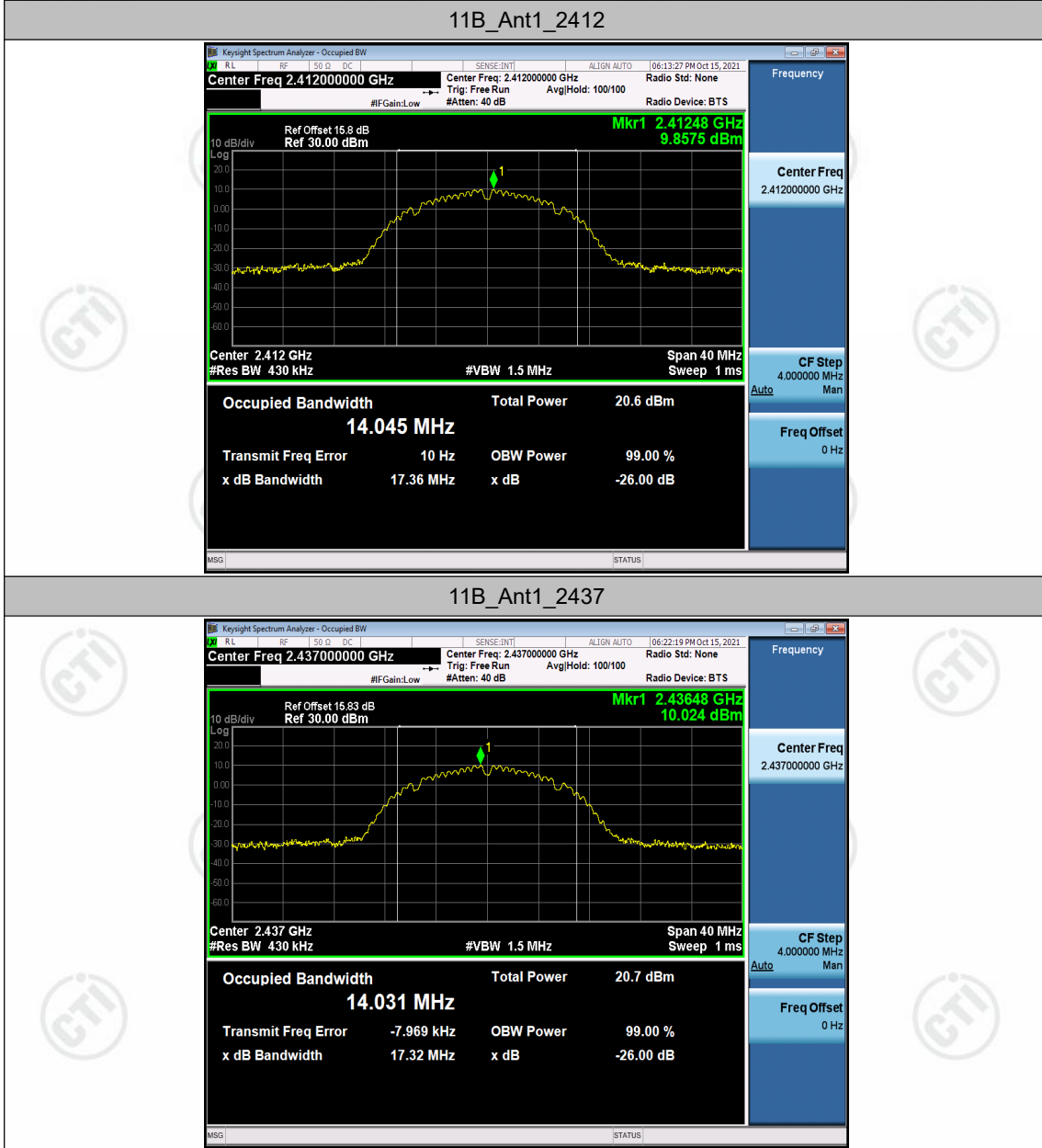


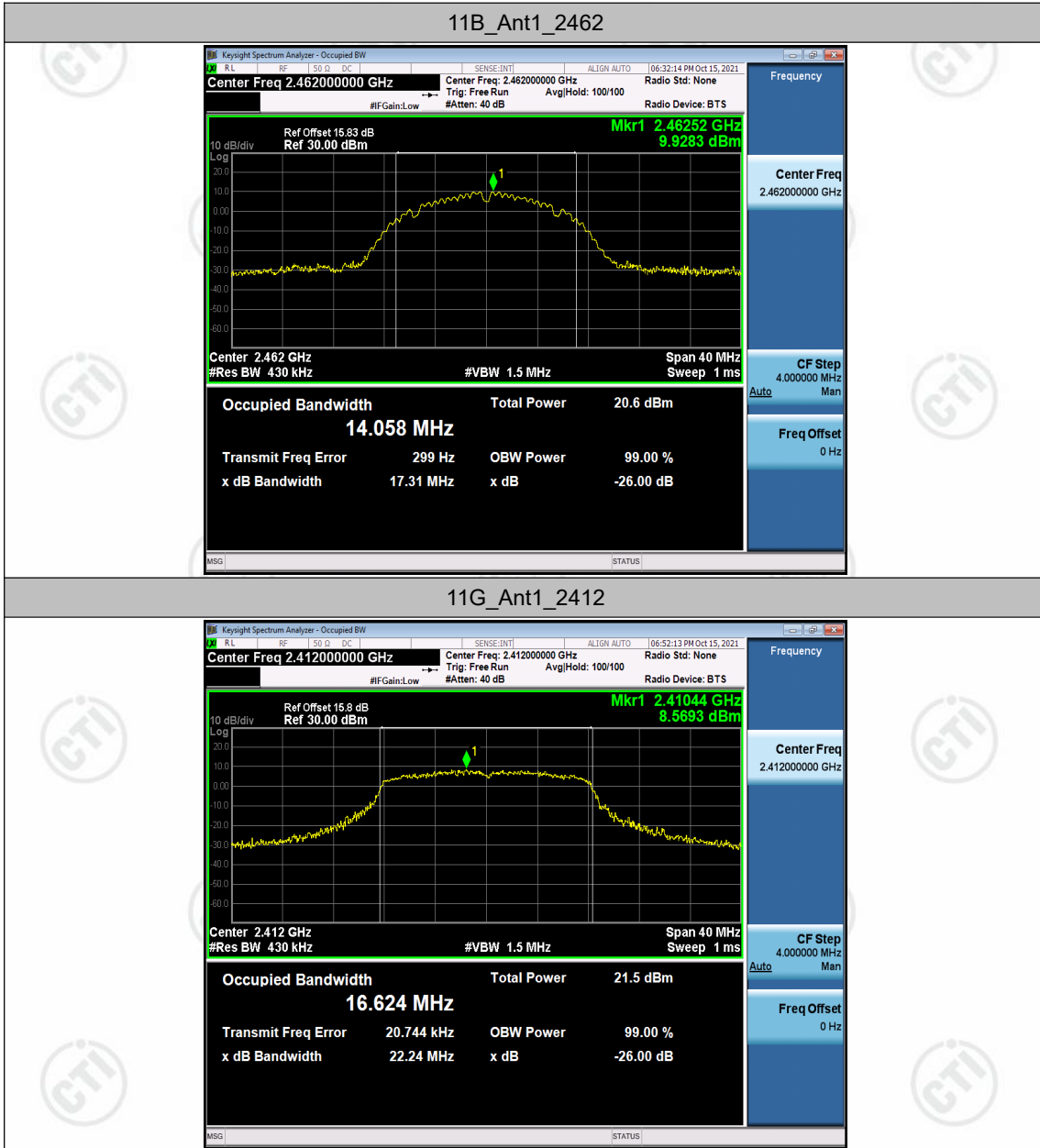


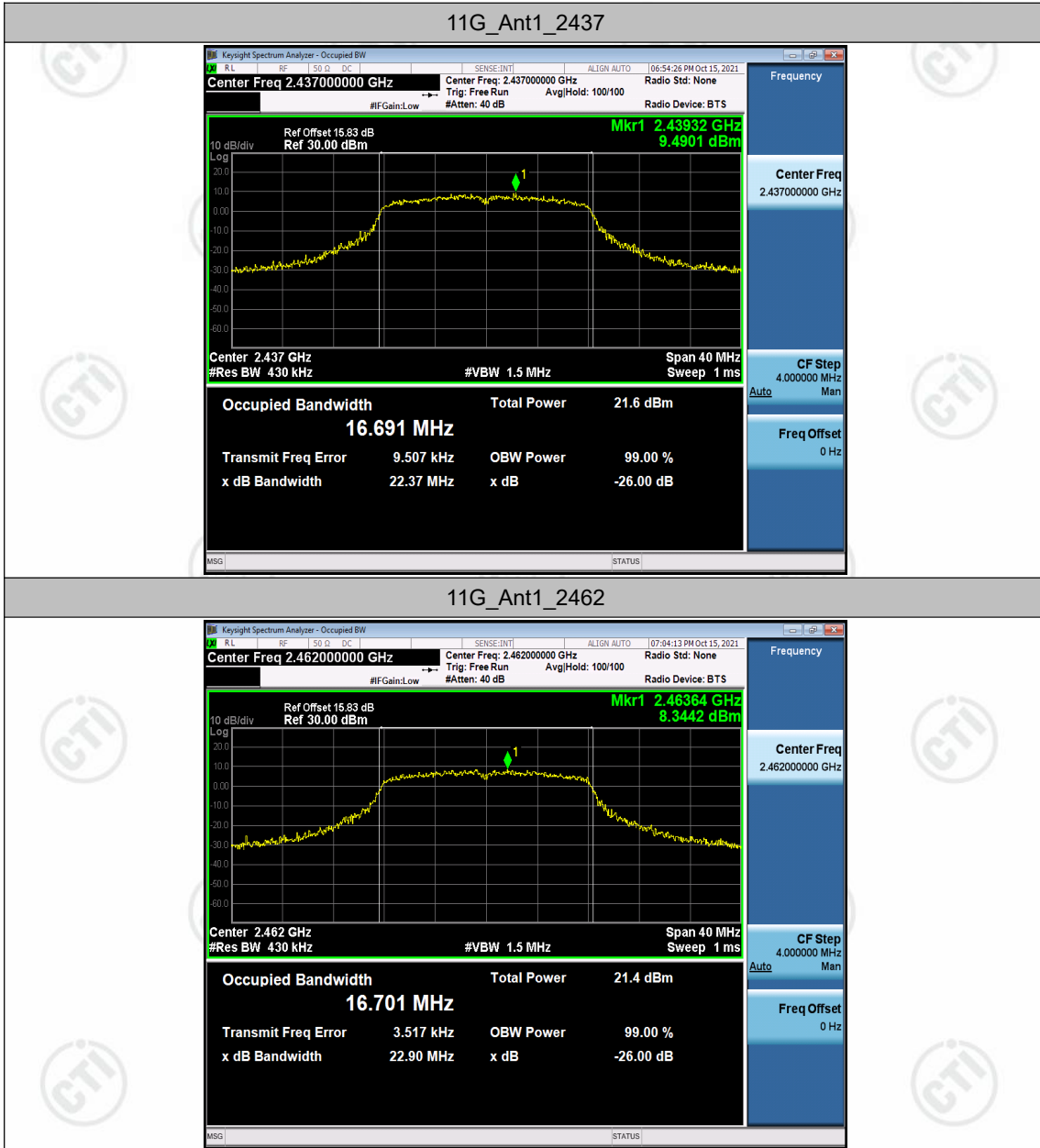
**Appendix B: Occupied Channel Bandwidth****Test Result**

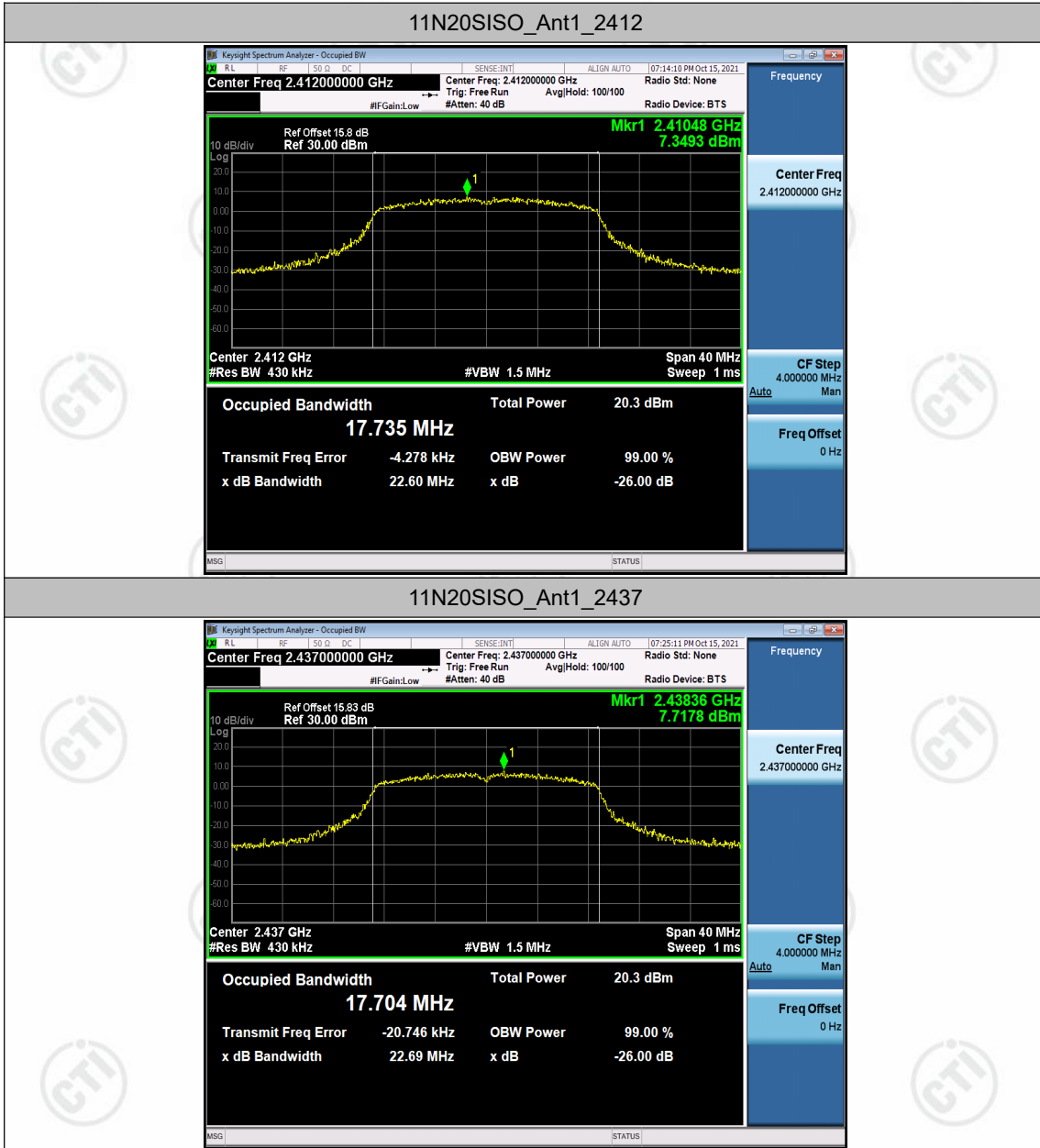
Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.045	2404.978	2419.023	---	PASS
		2437	14.031	2429.977	2444.008	---	PASS
		2462	14.058	2454.971	2469.029	---	PASS
11G	Ant1	2412	16.624	2403.709	2420.333	---	PASS
		2437	16.691	2428.664	2445.355	---	PASS
		2462	16.701	2453.653	2470.354	---	PASS
11N20SIS O	Ant1	2412	17.735	2403.128	2420.863	---	PASS
		2437	17.704	2428.127	2445.831	---	PASS
		2462	17.727	2453.137	2470.864	---	PASS

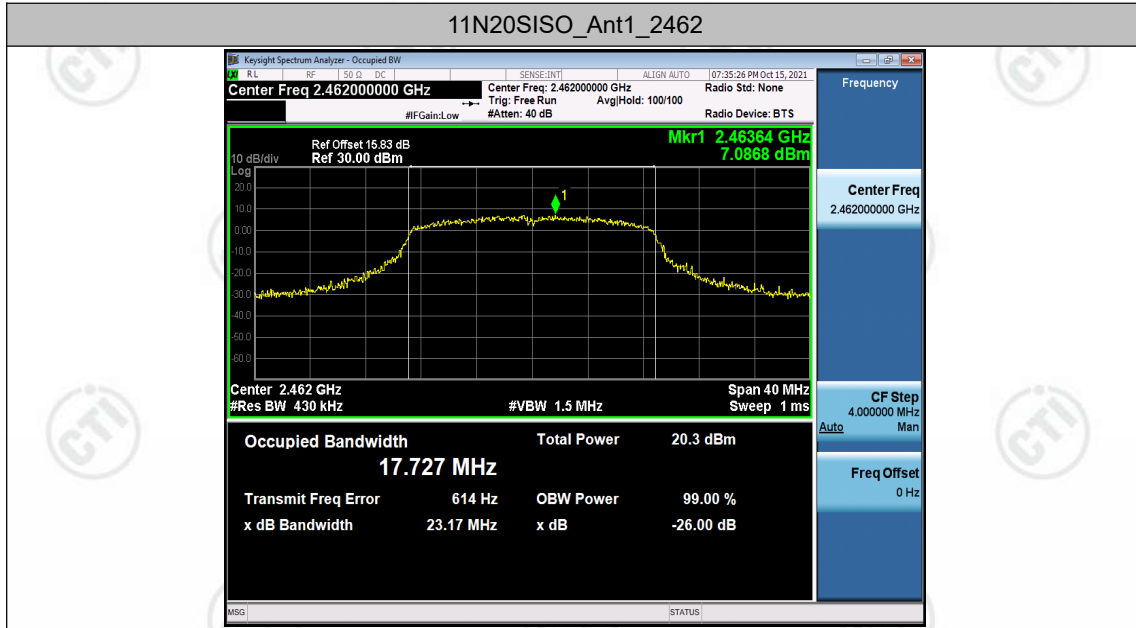
## Test Graphs











**Appendix C: Maximum conducted output power****Test Result**

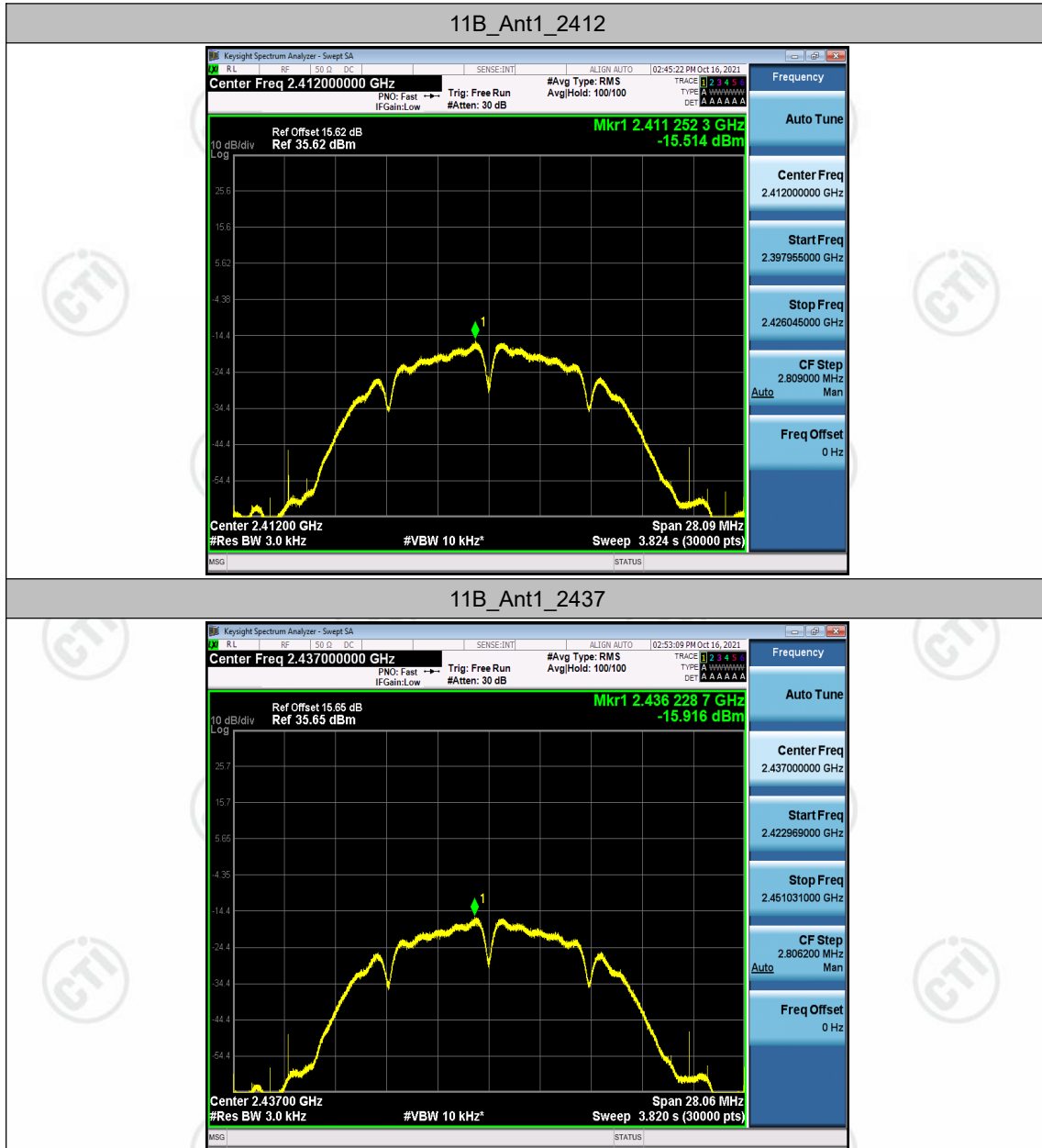
Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.94	<=30	PASS
		2437	14.90	<=30	PASS
		2462	14.85	<=30	PASS
11G	Ant1	2412	13.31	<=30	PASS
		2437	13.33	<=30	PASS
		2462	13.18	<=30	PASS
11N20SISO	Ant1	2412	13.16	<=30	PASS
		2437	13.20	<=30	PASS
		2462	13.00	<=30	PASS

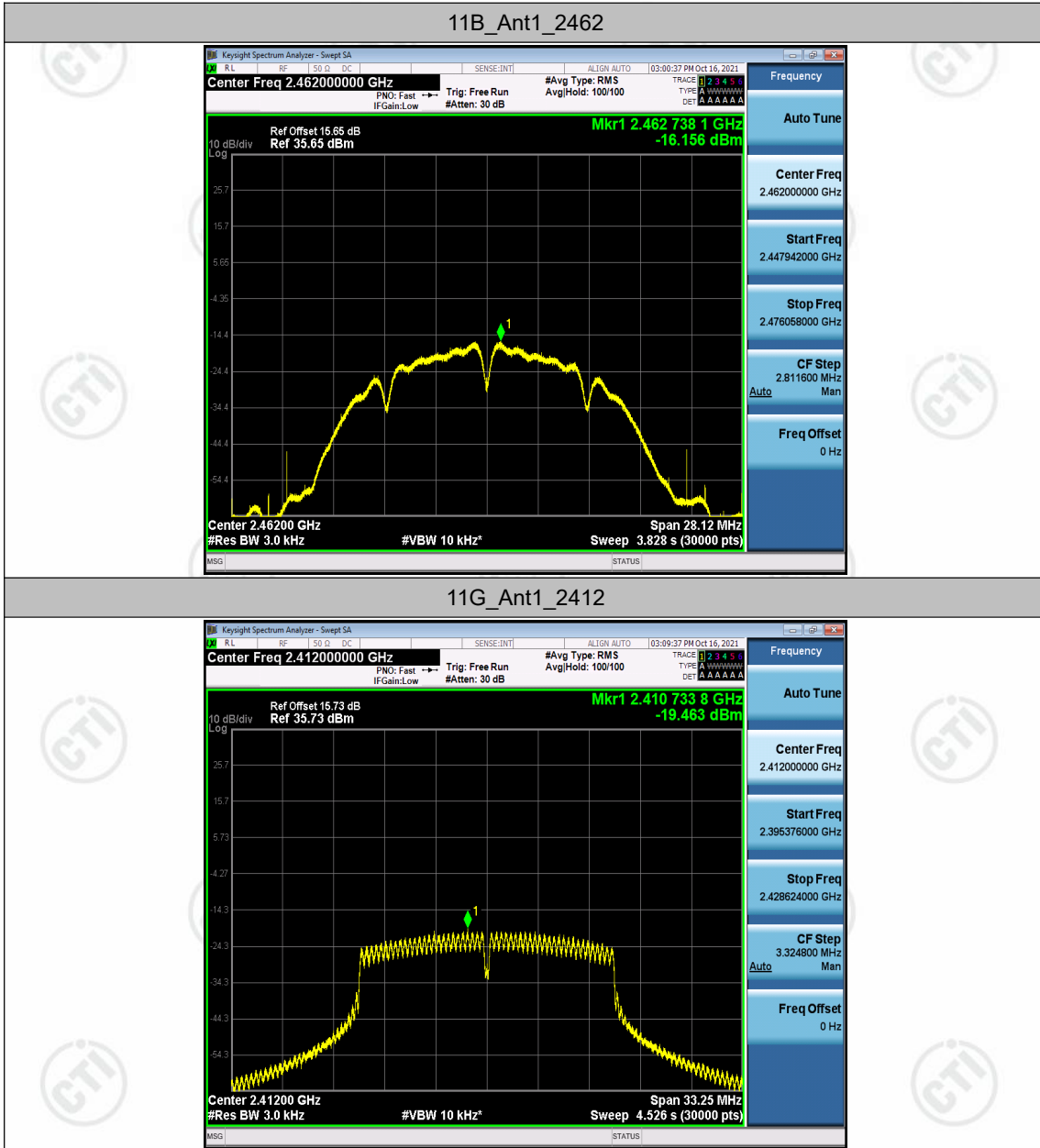
**Appendix D: Maximum power spectral density****Test Result**

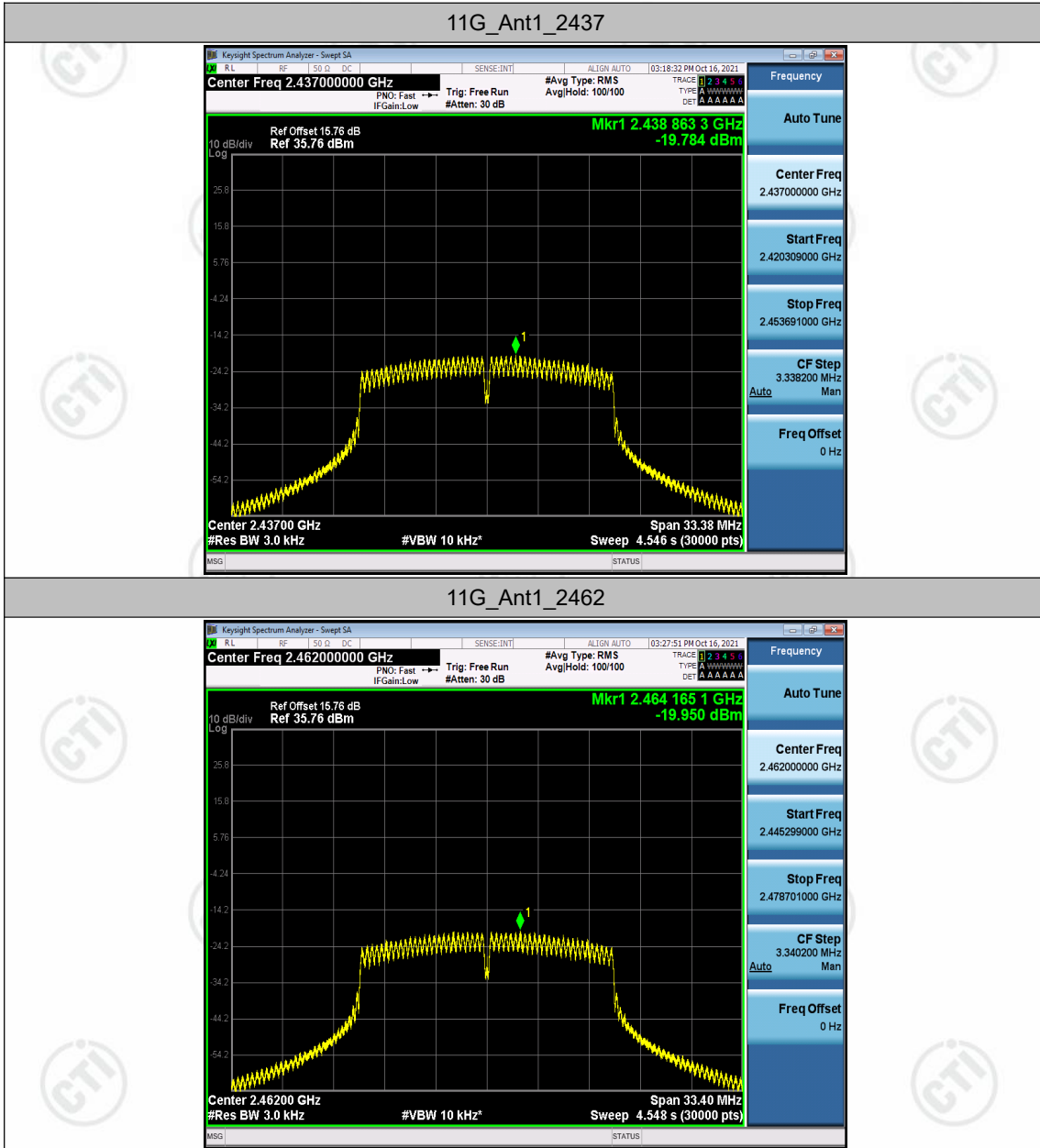
Test Mode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-15.51	<=8	PASS
		2437	-15.92	<=8	PASS
		2462	-16.16	<=8	PASS
11G	Ant1	2412	-19.46	<=8	PASS
		2437	-19.78	<=8	PASS
		2462	-19.95	<=8	PASS
11N20SISO	Ant1	2412	-19.68	<=8	PASS
		2437	-19.71	<=8	PASS
		2462	-20	<=8	PASS

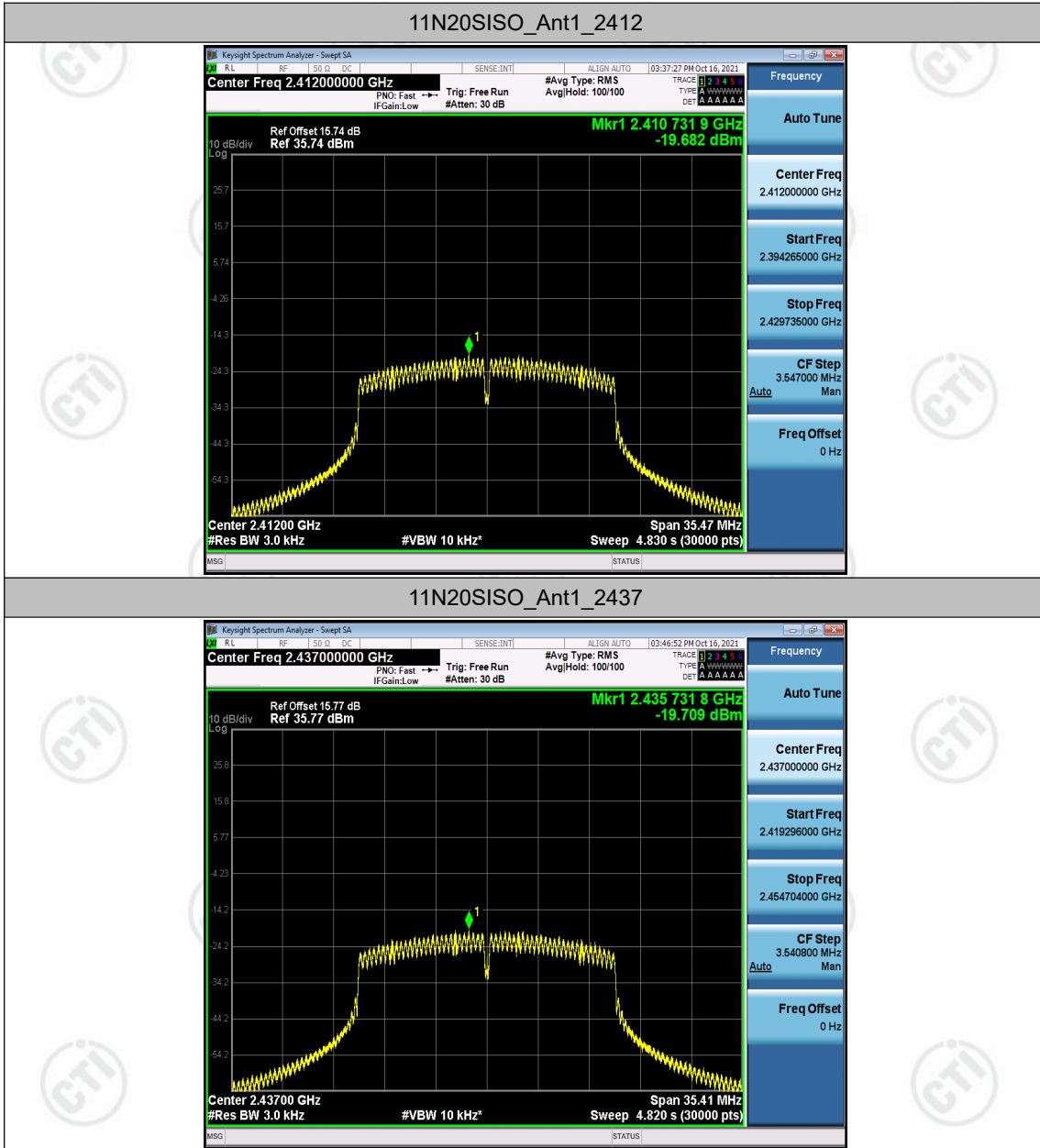


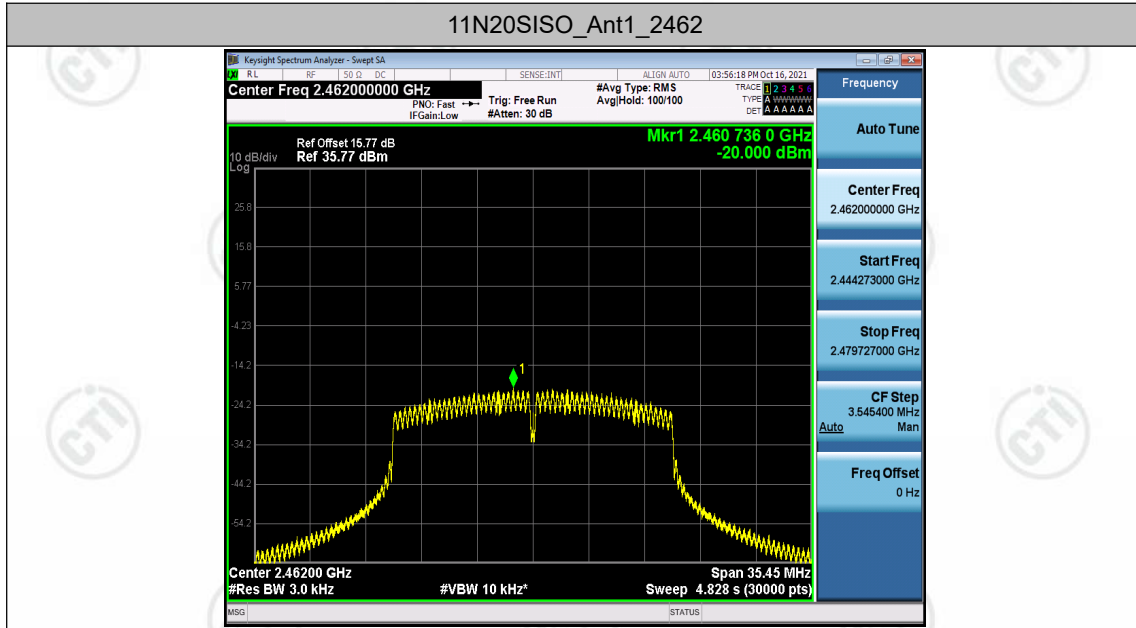
## Test Graphs











**Appendix E: Band edge measurements****Test Result**

Test Mode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.04	-38.25	<=-22.96	PASS
		High	2462	6.80	-43.27	<=-23.2	PASS
11G	Ant1	Low	2412	2.65	-29.18	<=-27.35	PASS
		High	2462	2.31	-42.03	<=-27.69	PASS
11N20SI SO	Ant1	Low	2412	2.47	-29.84	<=-27.53	PASS
		High	2462	2.88	-41.64	<=-27.12	PASS

## Test Graphs

