

Appendix Test Data

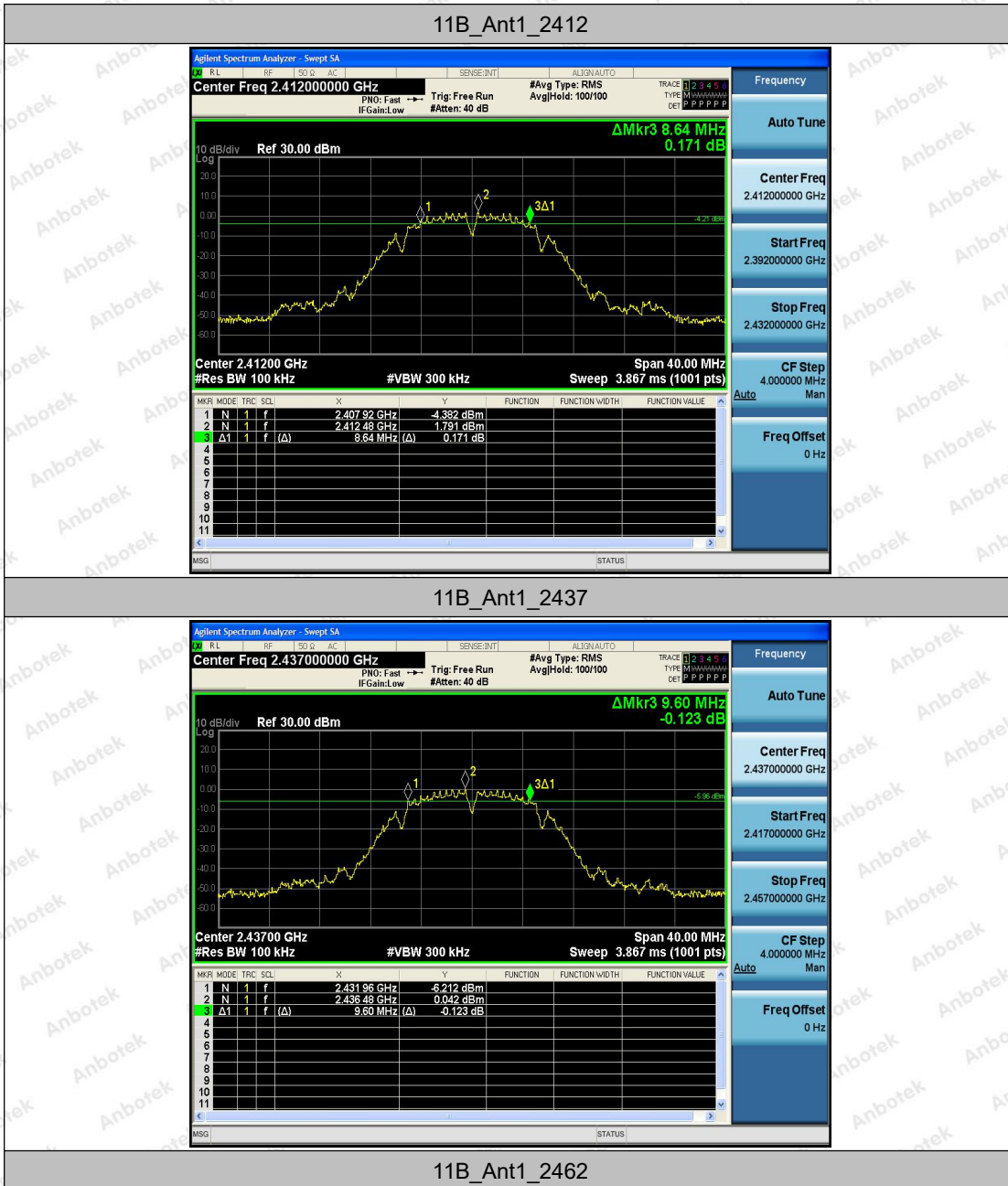
Report No.:	18220WC10229901	Test Sample No.:	1-2-2
Start Test Date:	2021.11.17	Finish Test Date:	2021.11.18
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.640	2407.920	2416.560	≥0.5	PASS
		2437	9.600	2431.960	2441.560	≥0.5	PASS
		2462	9.600	2457.440	2467.040	≥0.5	PASS
11G	Ant1	2412	15.480	2404.480	2419.960	≥0.5	PASS
		2437	15.480	2429.440	2444.920	≥0.5	PASS
		2462	15.480	2454.720	2470.200	≥0.5	PASS
11N20	Ant1	2412	15.120	2404.480	2419.600	≥0.5	PASS
		2437	16.000	2429.400	2445.400	≥0.5	PASS
		2462	15.480	2454.440	2469.920	≥0.5	PASS

Test Graphs





11G_Ant1_2412



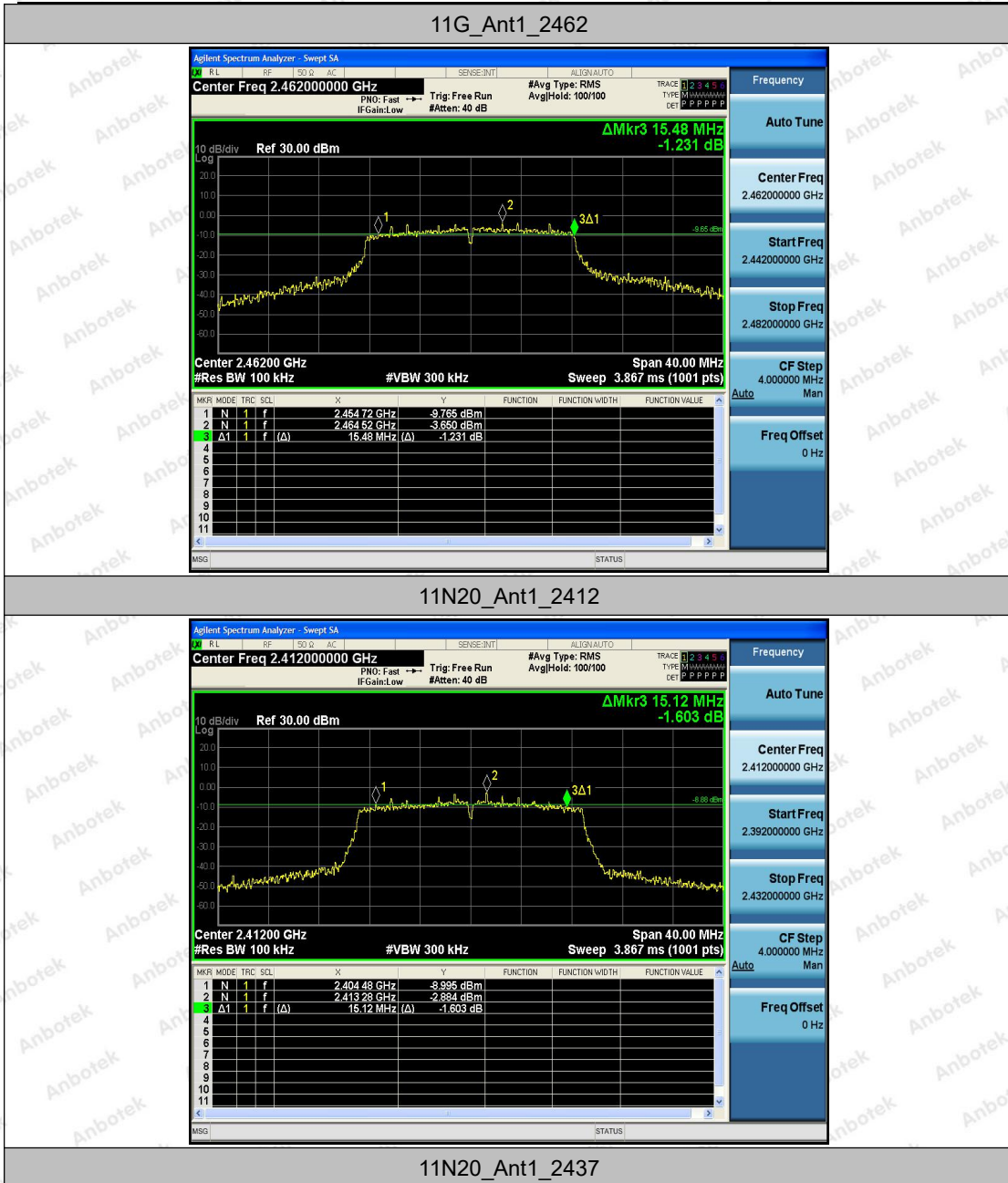
11G_Ant1_2437



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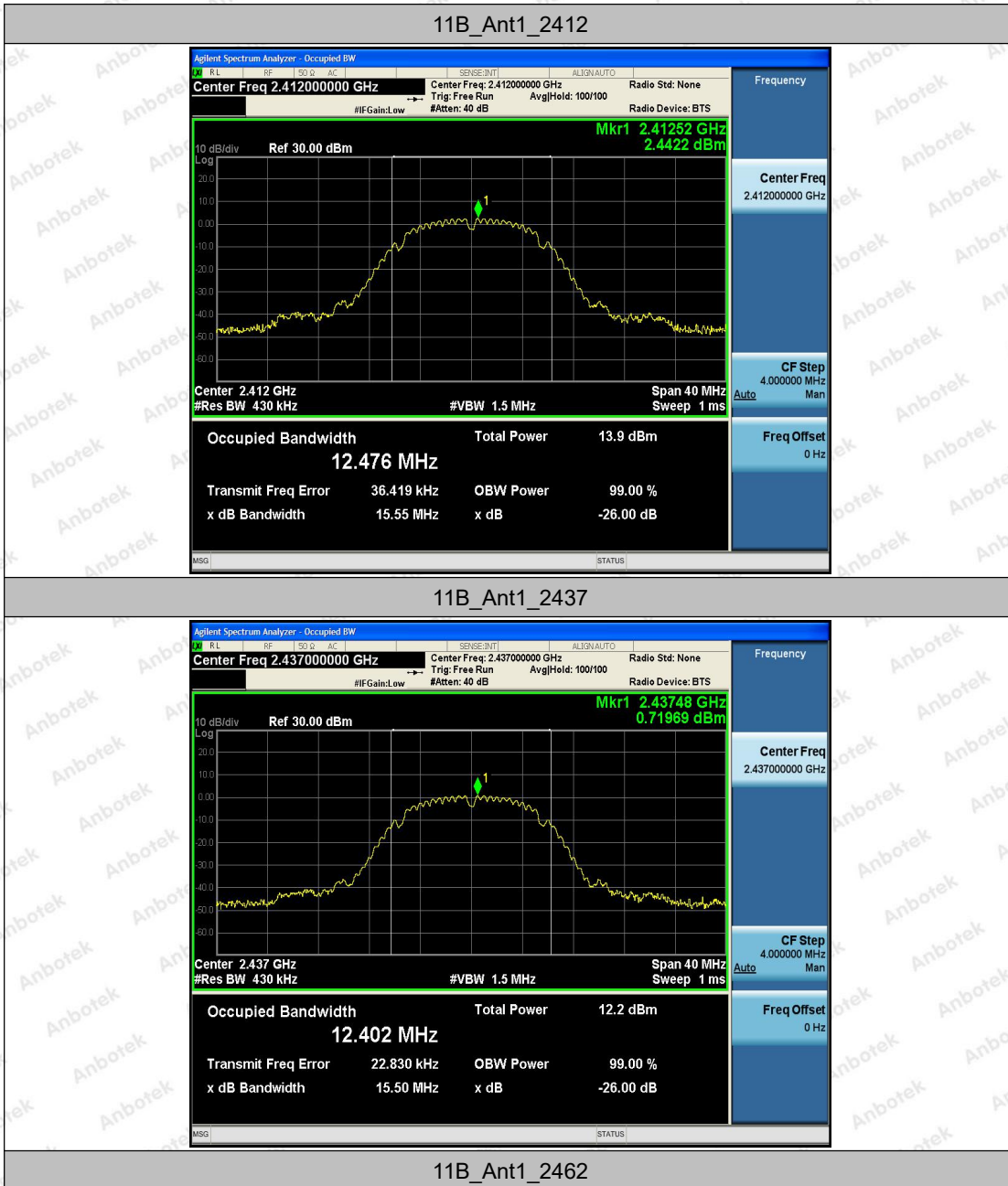
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.476	2405.798	2418.274	---	PASS
		2437	12.402	2430.822	2443.224	---	PASS
		2462	12.391	2455.911	2468.302	---	PASS
11G	Ant1	2412	16.919	2403.536	2420.455	---	PASS
		2437	16.976	2428.513	2445.489	---	PASS
		2462	17.275	2453.506	2470.781	---	PASS
11N20	Ant1	2412	17.748	2403.158	2420.906	---	PASS
		2437	17.890	2428.087	2445.977	---	PASS
		2462	18.010	2453.112	2471.122	---	PASS

Test Graphs



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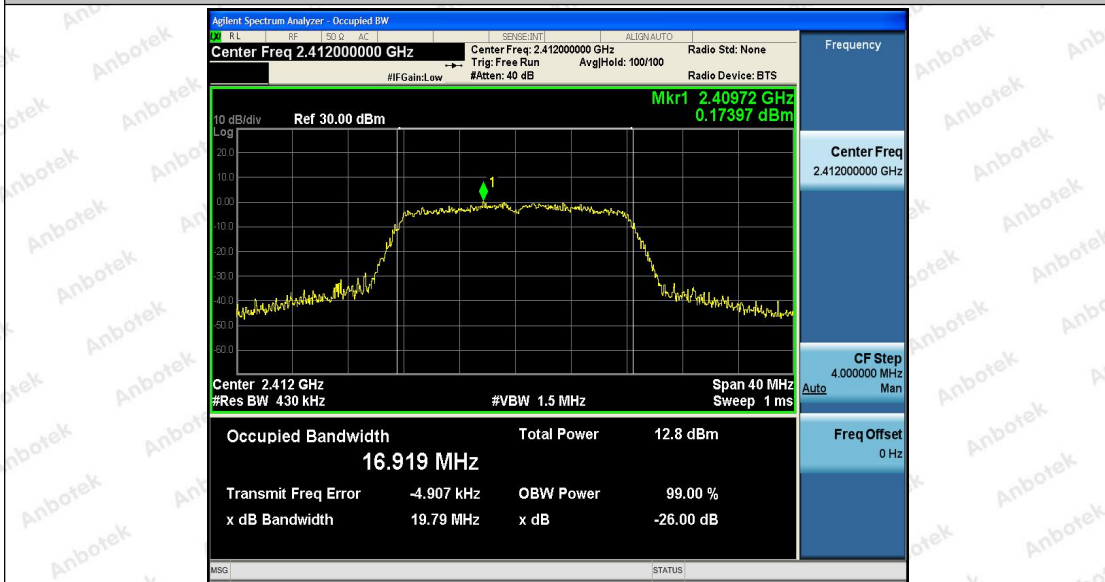
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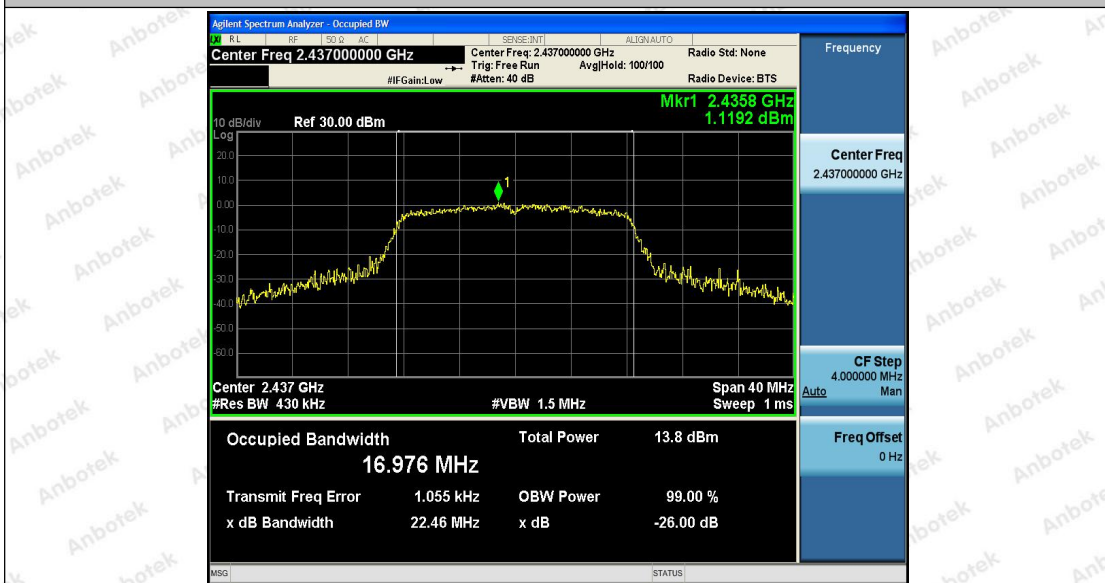
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11G_Ant1_2412



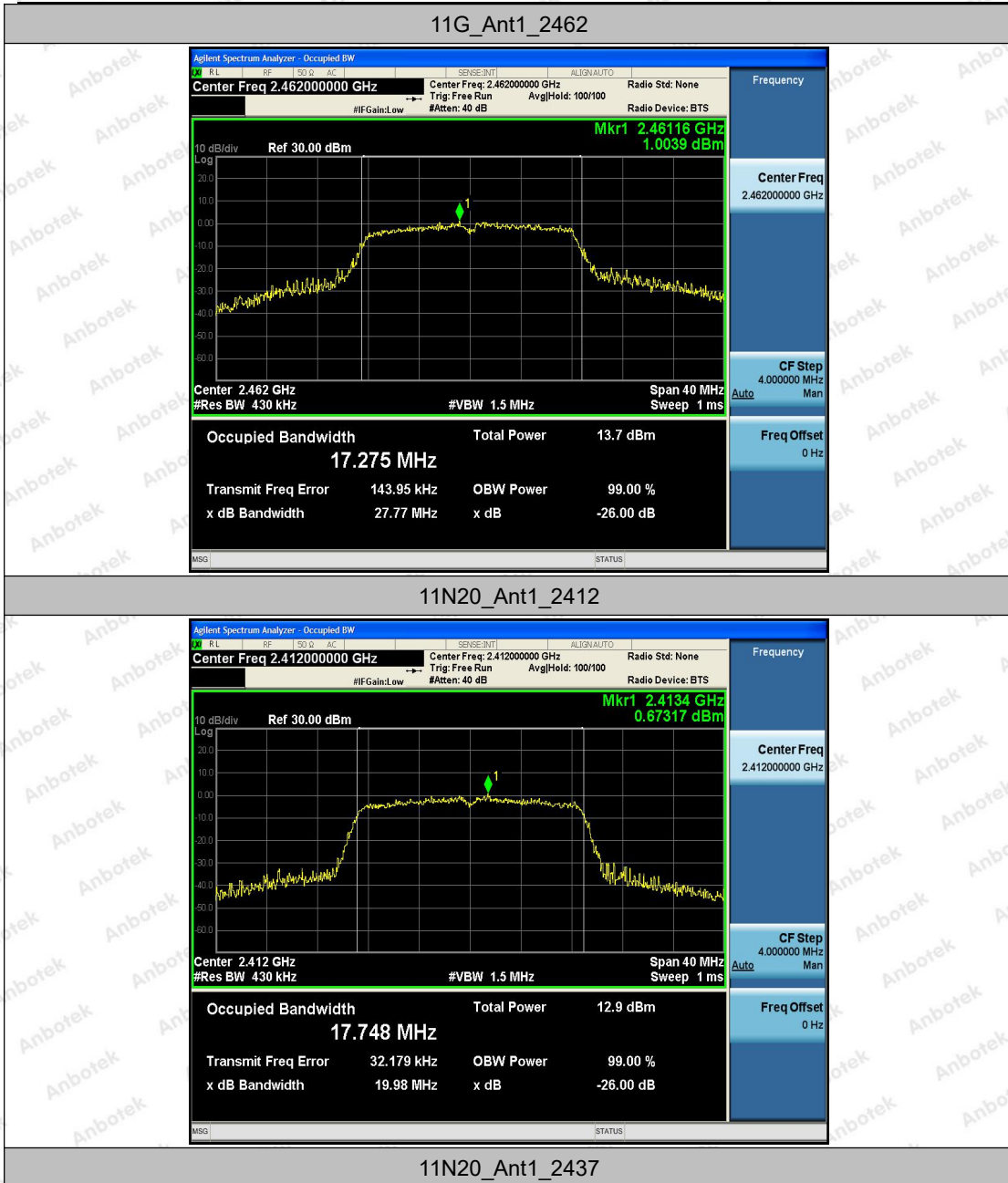
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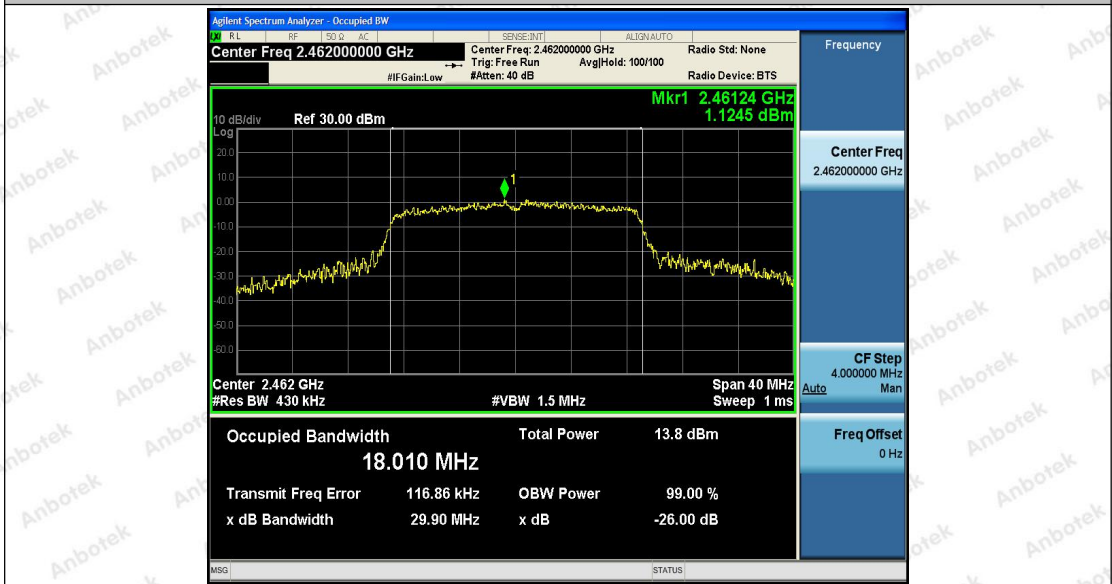
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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.89	≤30	PASS
		2437	12.18	≤30	PASS
		2462	12.14	≤30	PASS
11G	Ant1	2412	13.91	≤30	PASS
		2437	14.73	≤30	PASS
		2462	14.81	≤30	PASS
11N20	Ant1	2412	14.05	≤30	PASS
		2437	14.81	≤30	PASS
		2462	14.79	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.61	≤8	PASS
		2437	-11.15	≤8	PASS
		2462	-13.2	≤8	PASS
11G	Ant1	2412	-18	≤8	PASS
		2437	-15.62	≤8	PASS
		2462	-16.3	≤8	PASS
11N20	Ant1	2412	-17.38	≤8	PASS
		2437	-16.86	≤8	PASS
		2462	-16.7	≤8	PASS

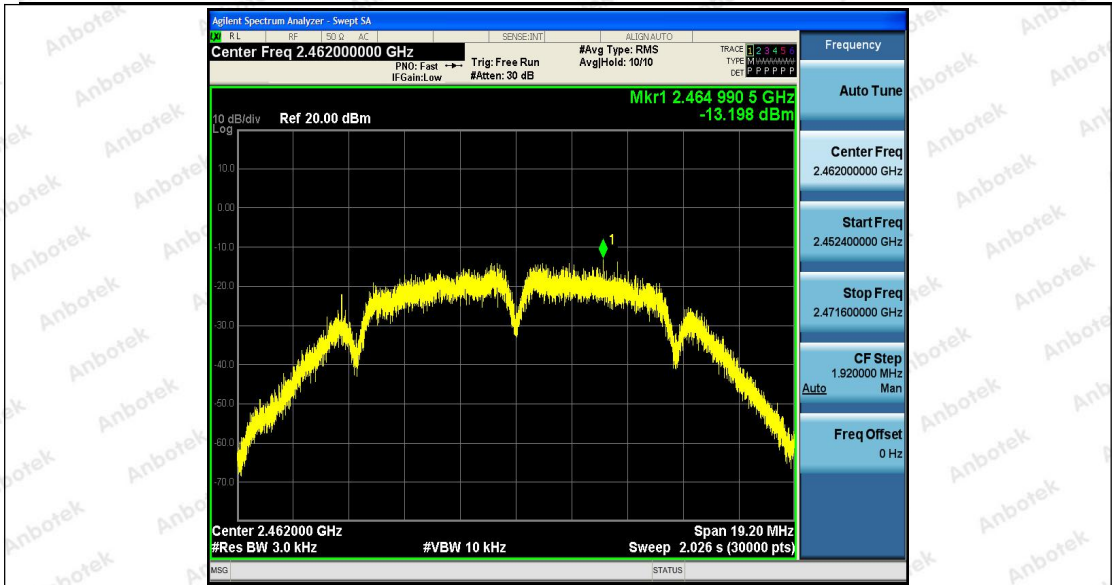
Test Graphs



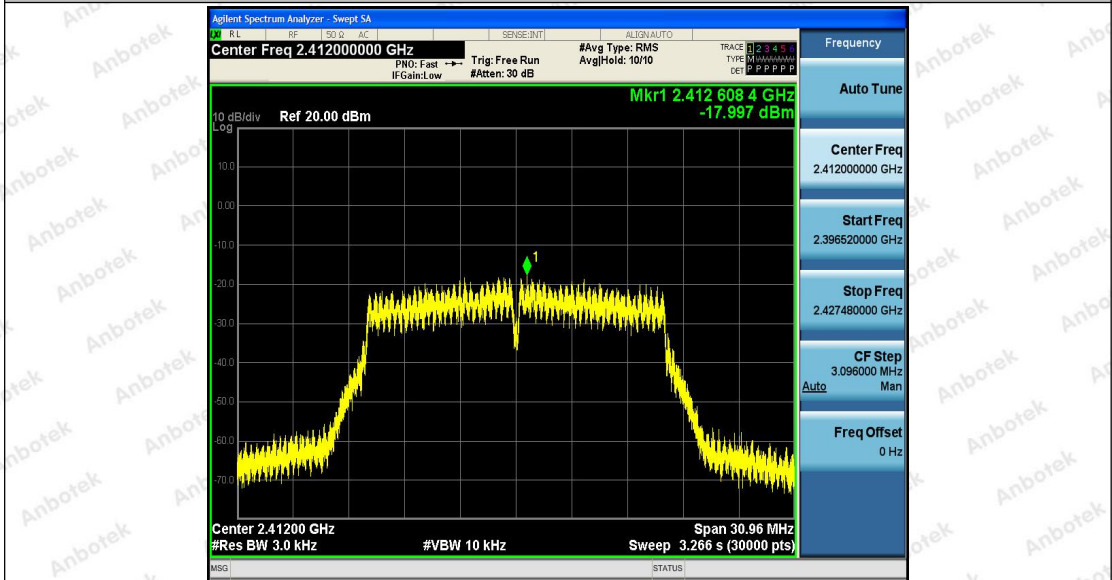
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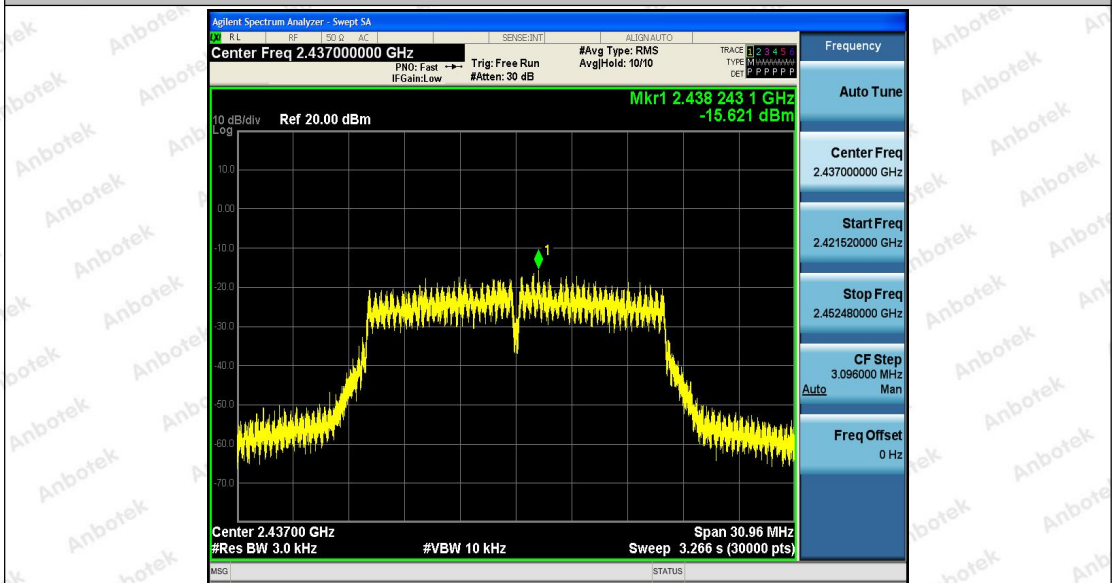
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11G_Ant1_2412



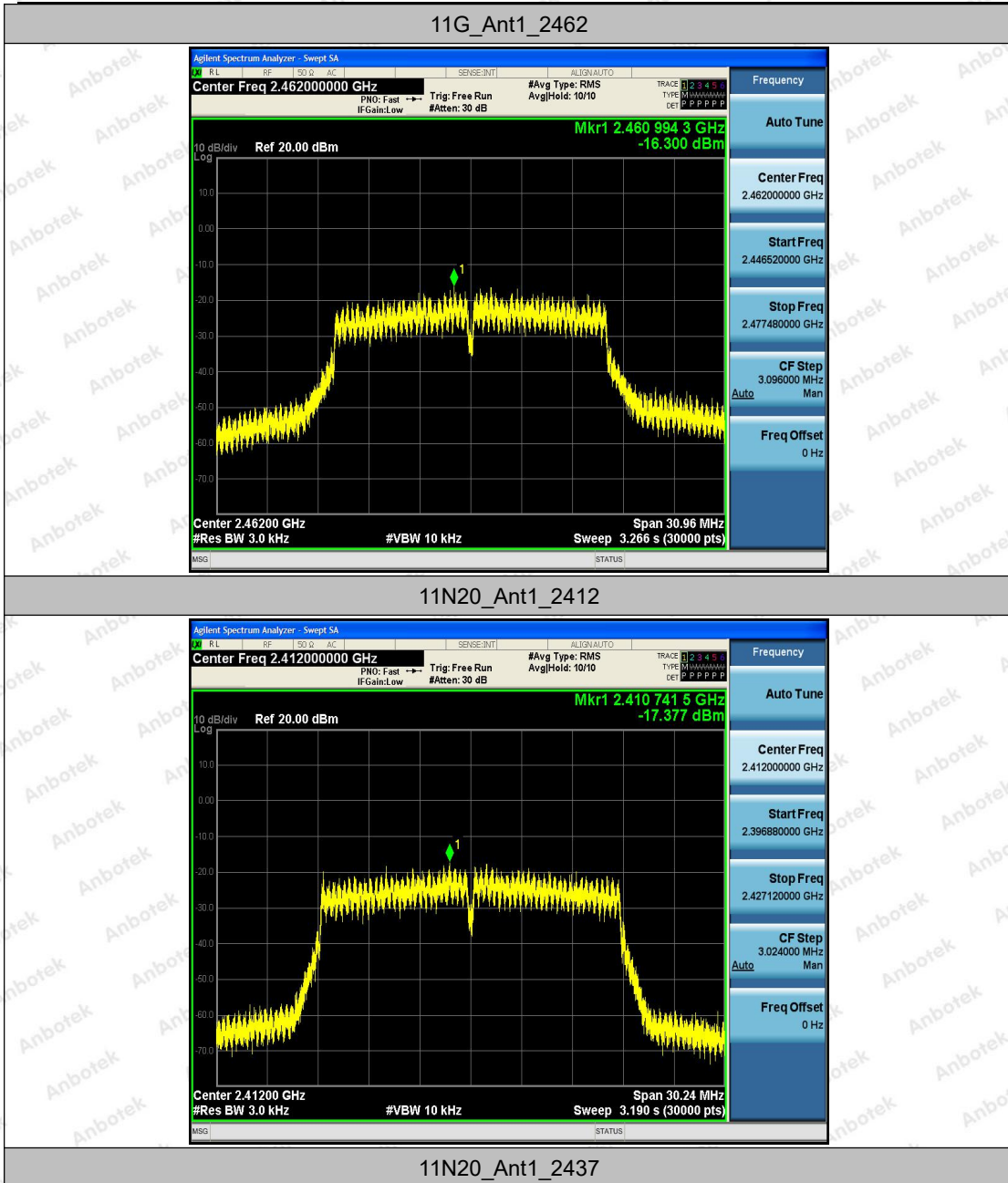
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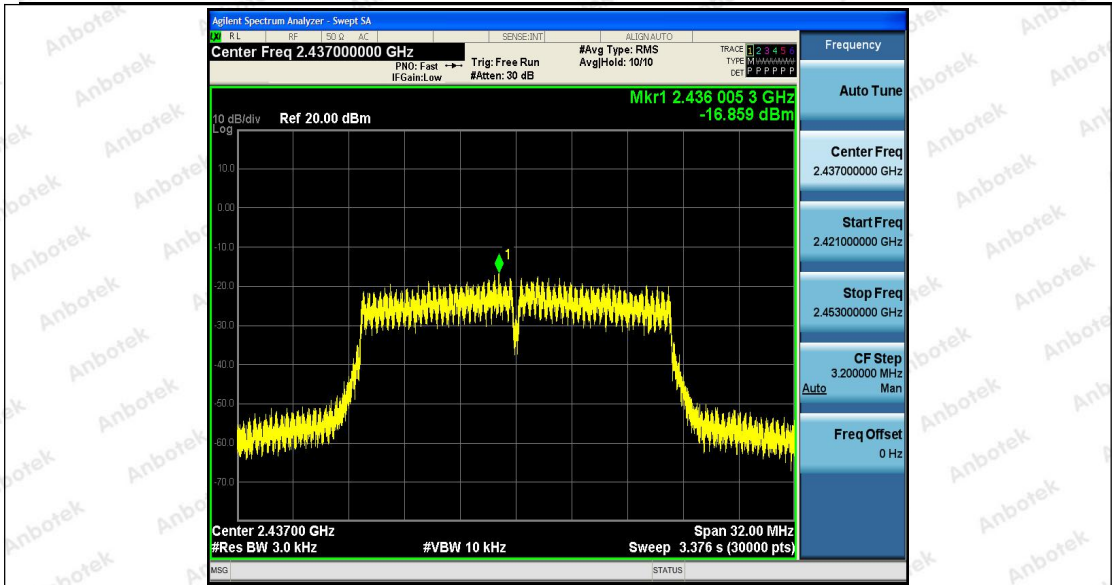
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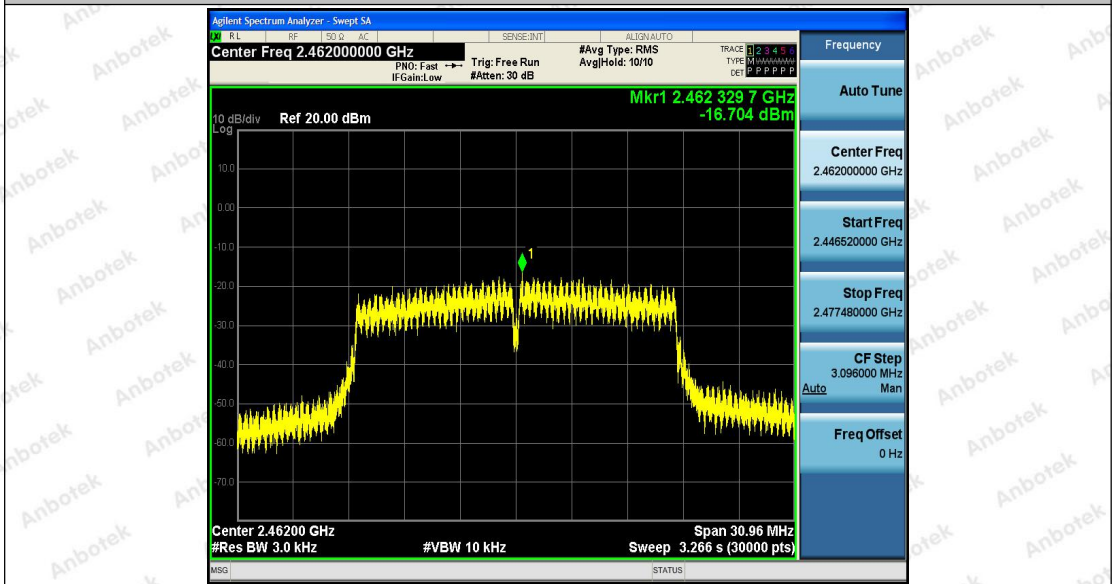
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11N20_Ant1_2462



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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.93	-42.59	≤-18.07	PASS
		High	2462	0.36	-55.61	≤-19.64	PASS
11G	Ant1	Low	2412	-4.13	-40.18	≤-24.13	PASS
		High	2462	-2.26	-39.41	≤-22.26	PASS
11N20	Ant1	Low	2412	-7.96	-45.12	≤-27.96	PASS
		High	2462	-2.68	-38.01	≤-22.68	PASS

Test Graphs





11G_Ant1_High_2462



11N20_Ant1_Low_2412



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