

Appendix Test Data

Report No.:	18220WC10271803	Test Sample No.:	1-2-2
Start Test Date:	2021.12.15	Finish Test Date:	2021.12.25
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	23.3℃	Relative Humidity:	58 %
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	8.160	2407.920	2416.080	≥0.5	PASS
		2437	8.120	2432.960	2441.080	≥0.5	PASS
		2462	8.160	2457.920	2466.080	≥0.5	PASS
11G	Ant1	2412	15.160	2404.400	2419.560	≥0.5	PASS
		2437	14.160	2429.400	2443.560	≥0.5	PASS
		2462	14.120	2455.080	2469.200	≥0.5	PASS
11N20	Ant1	2412	16.040	2403.560	2419.600	≥0.5	PASS
		2437	15.440	2429.520	2444.960	≥0.5	PASS
		2462	13.920	2455.680	2469.600	≥0.5	PASS
11N40	Ant1	2422	35.220	2404.420	2439.640	≥0.5	PASS
		2437	35.220	2419.420	2454.640	≥0.5	PASS
		2452	35.220	2434.420	2469.640	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



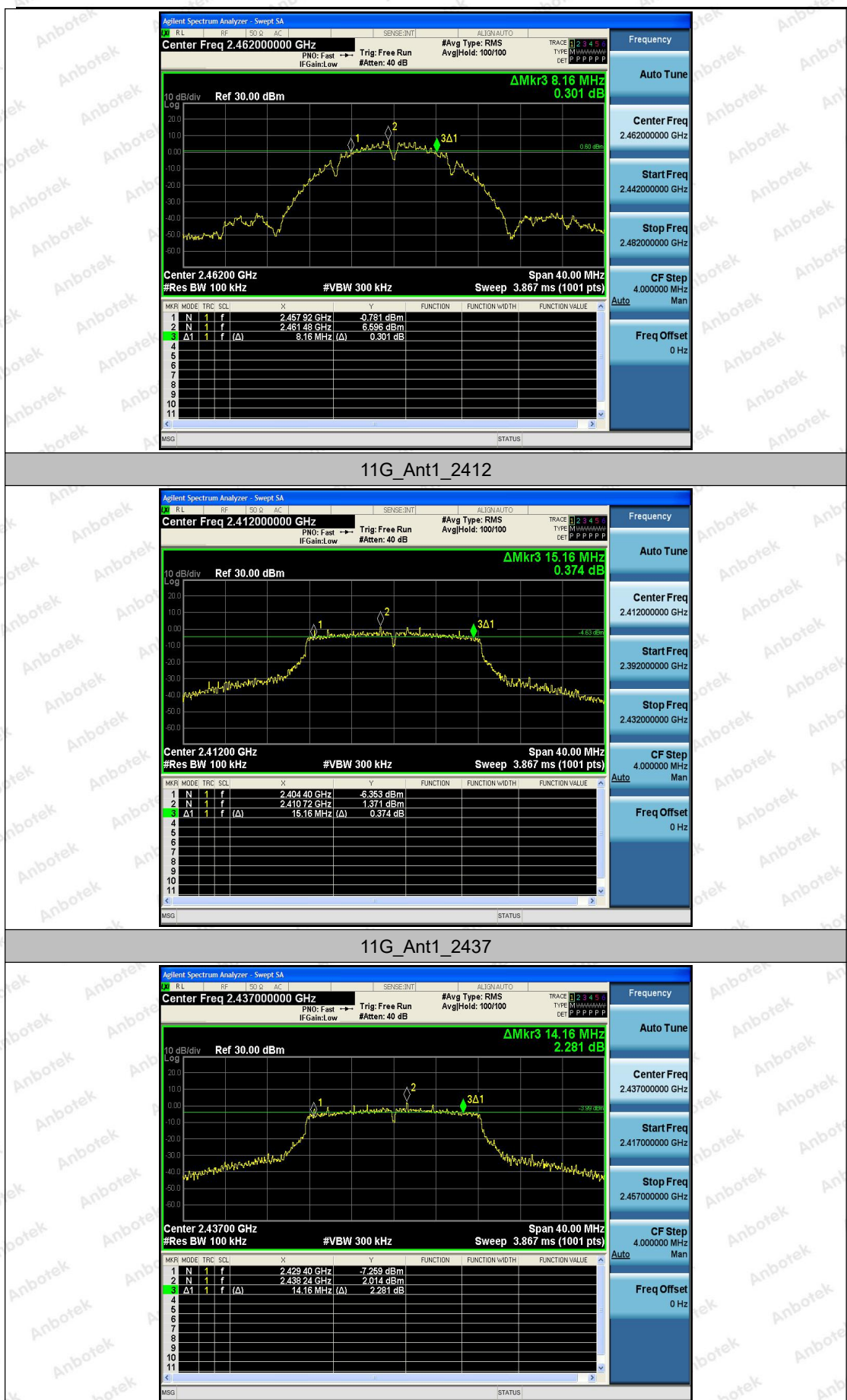
11B_Ant1_2462

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11G_Ant1_2462



11N20_Ant1_2412



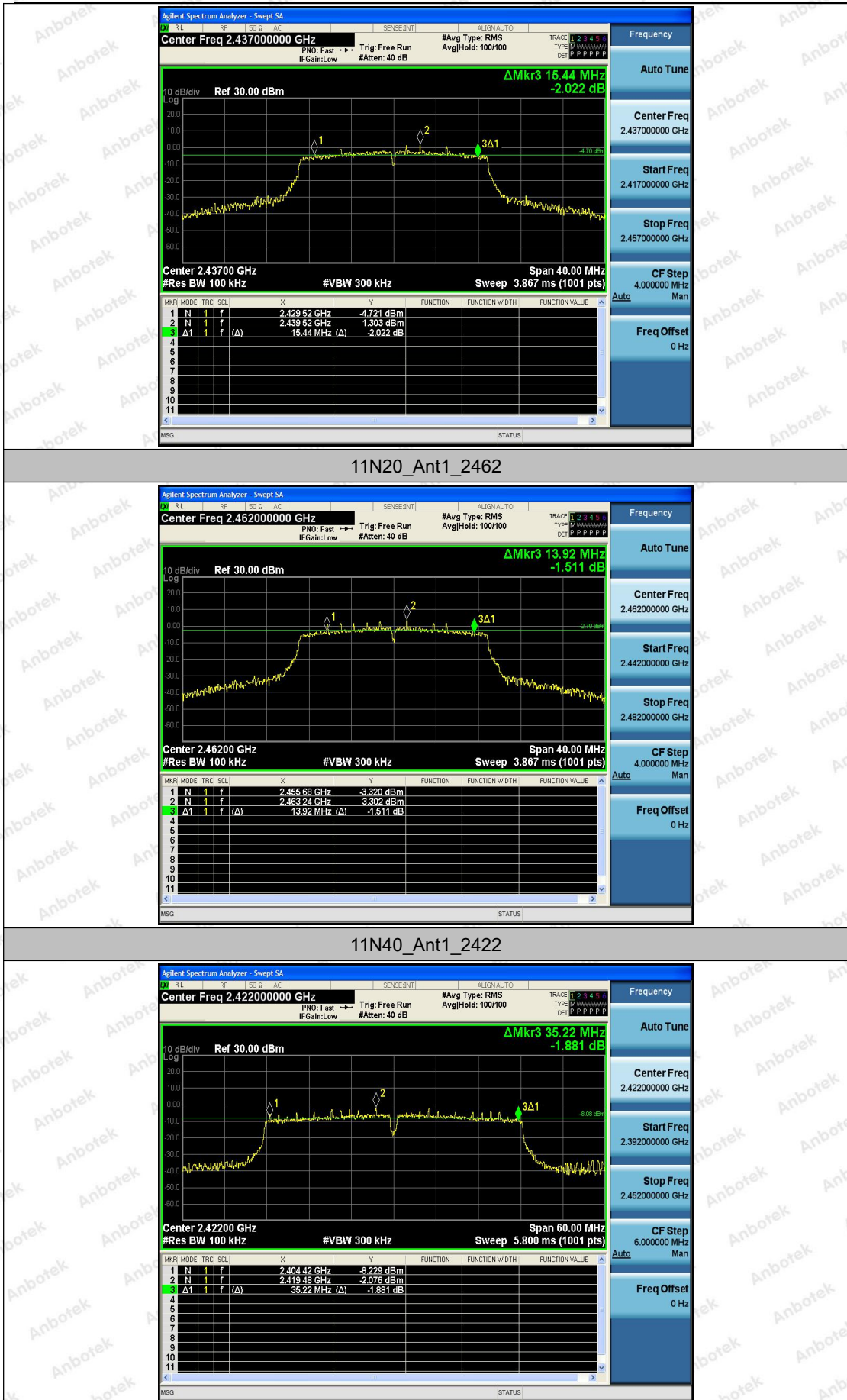
11N20_Ant1_2437

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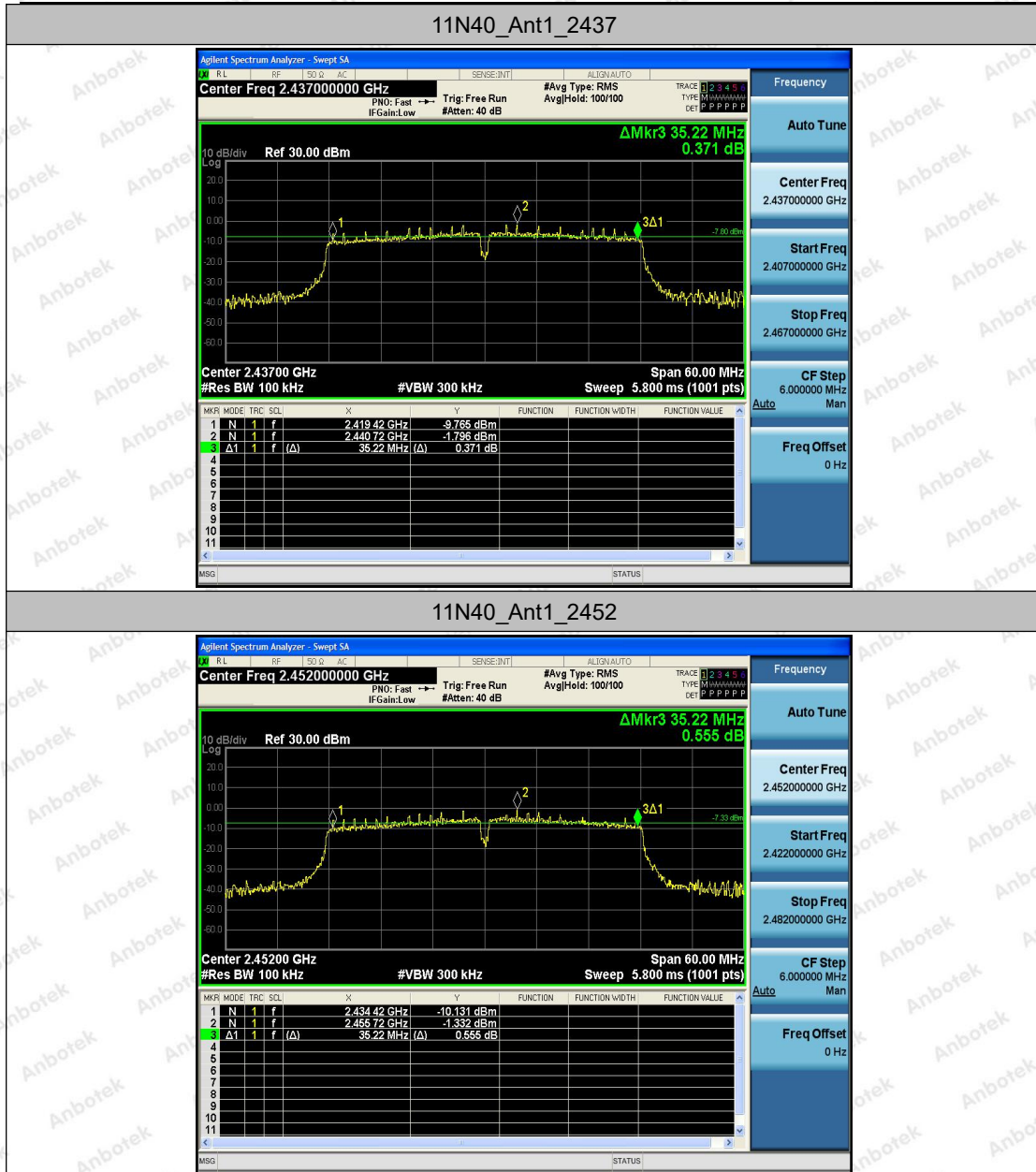


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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.484	2405.191	2418.675	---	PASS
		2437	13.273	2430.426	2443.699	---	PASS
		2462	13.141	2455.439	2468.580	---	PASS
11G	Ant1	2412	16.929	2403.508	2420.437	---	PASS
		2437	16.966	2428.639	2445.605	---	PASS
		2462	16.886	2453.585	2470.471	---	PASS
11N20	Ant1	2412	17.971	2402.992	2420.963	---	PASS
		2437	17.971	2428.067	2446.038	---	PASS
		2462	17.819	2453.069	2470.888	---	PASS
11N40	Ant1	2422	36.162	2403.941	2440.103	---	PASS
		2437	36.077	2419.080	2455.157	---	PASS
		2452	36.084	2434.045	2470.129	---	PASS

Test Graphs



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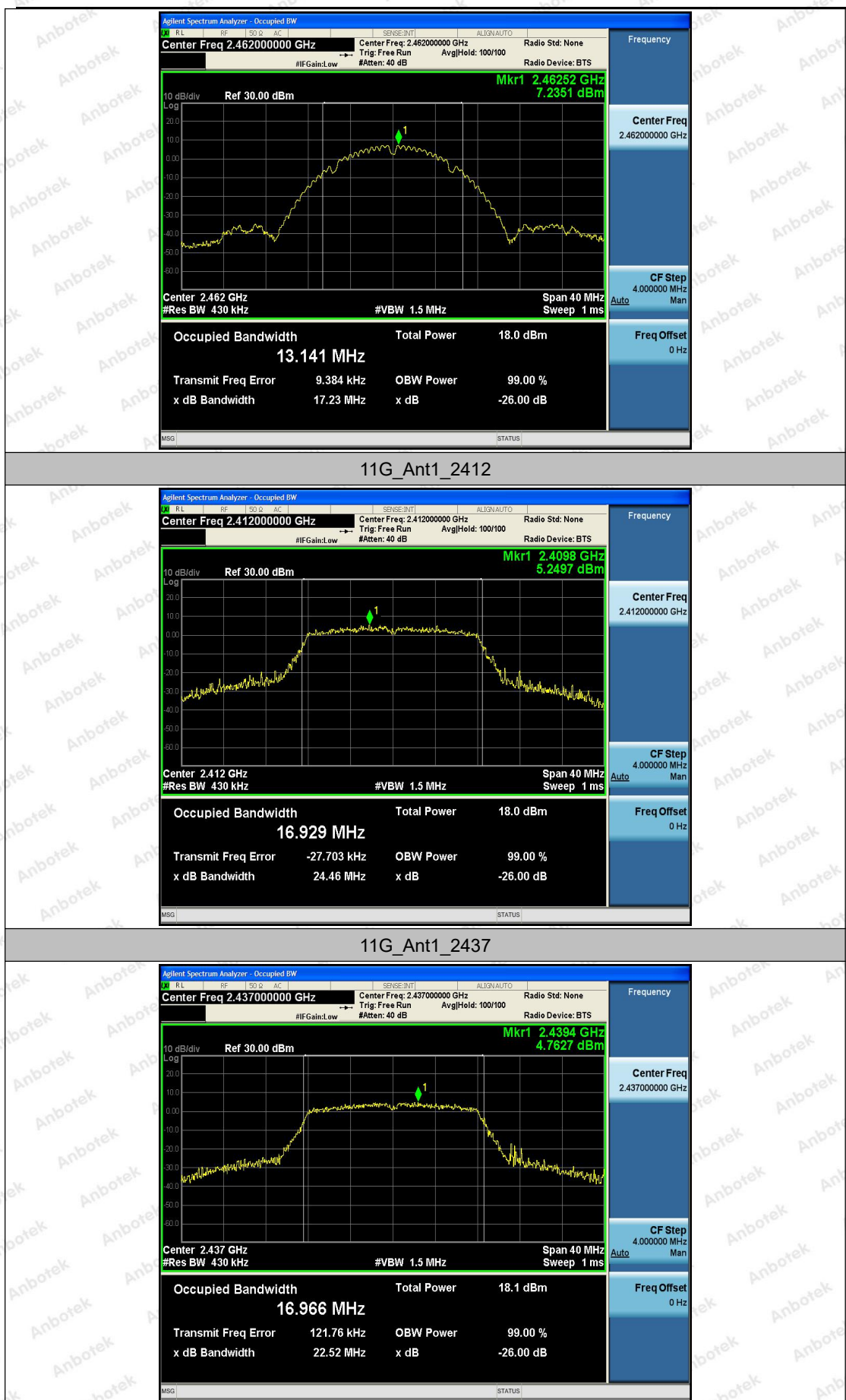
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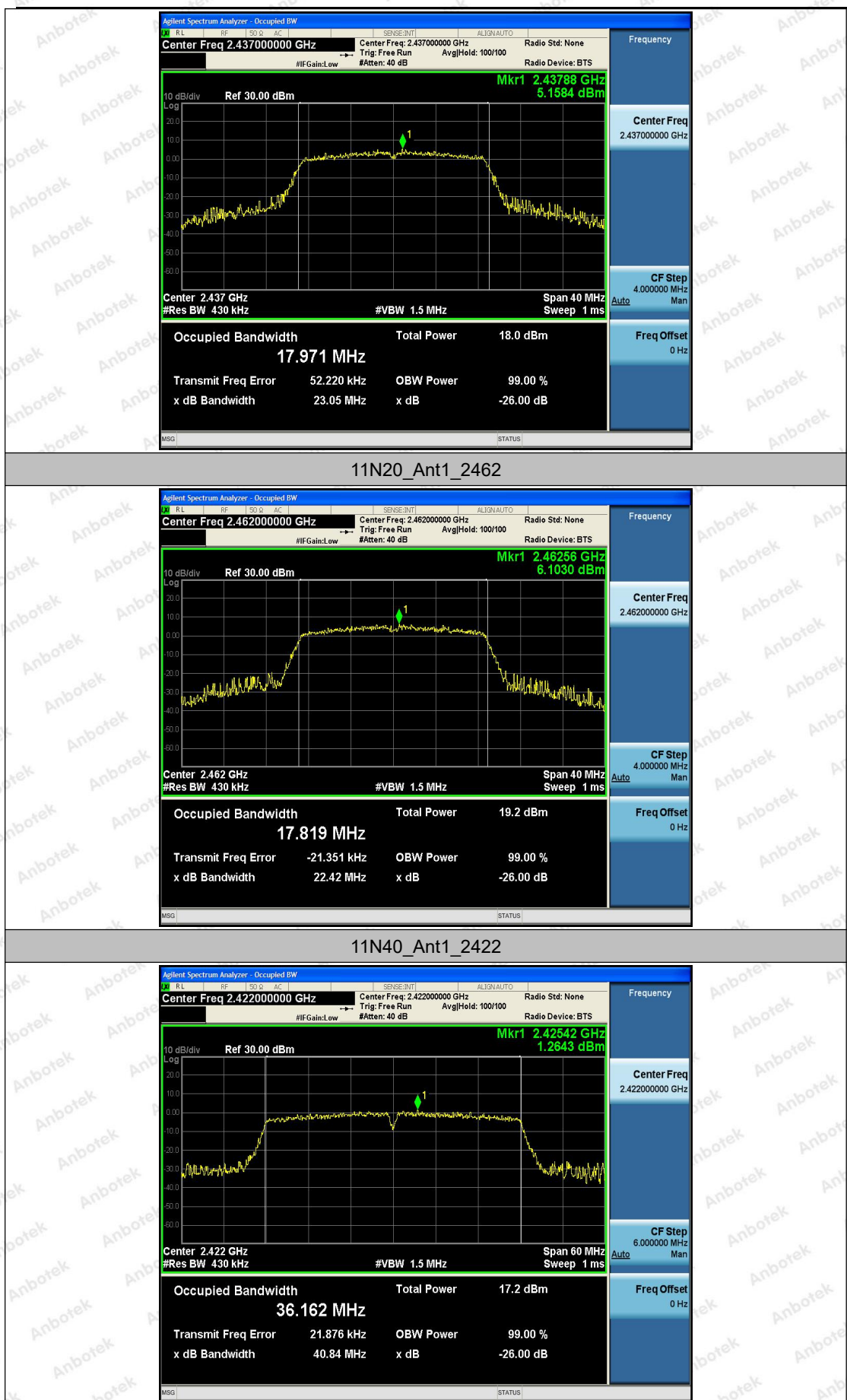
11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

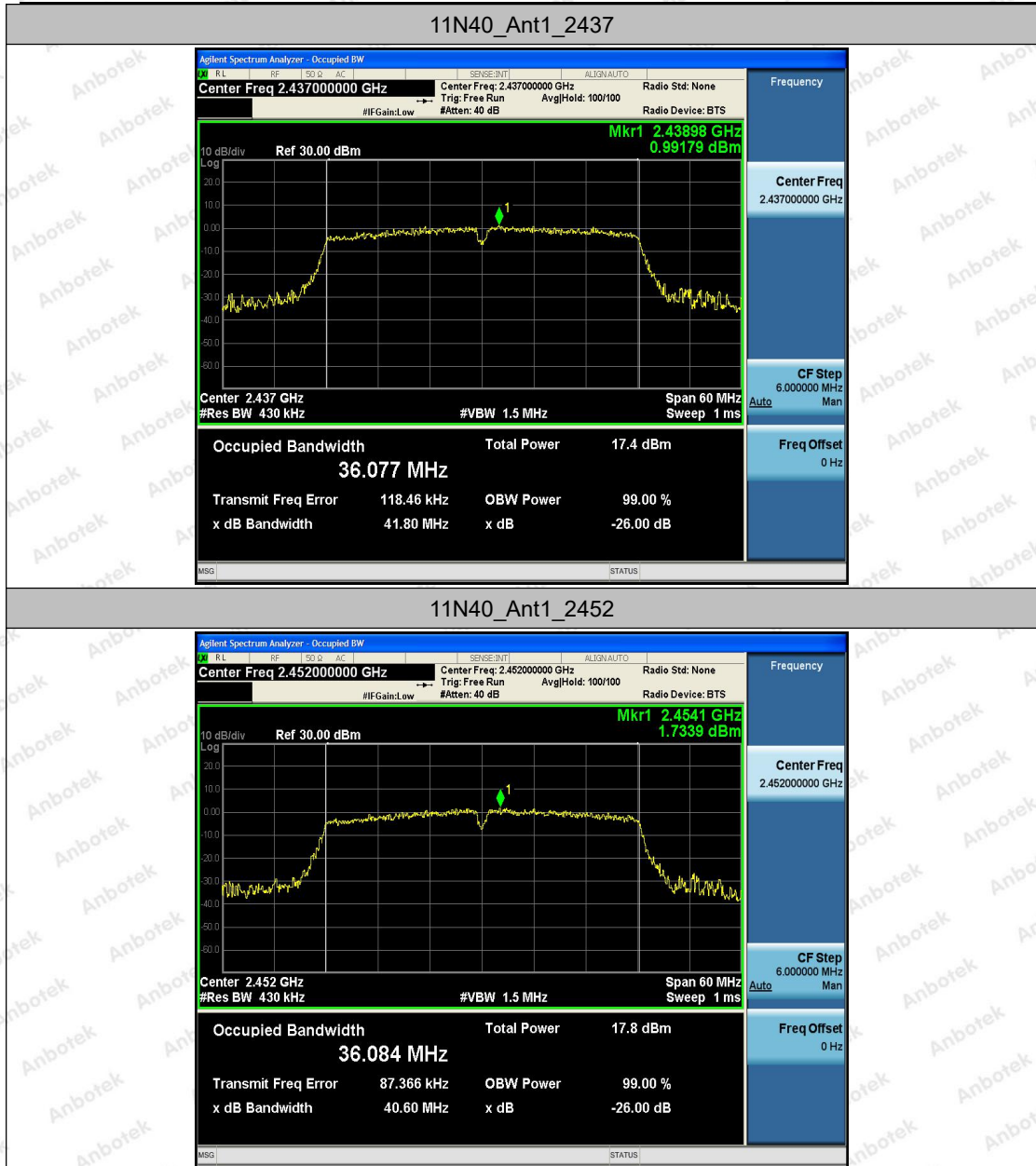


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Appendix C: Maximum conducted output power

Test Result

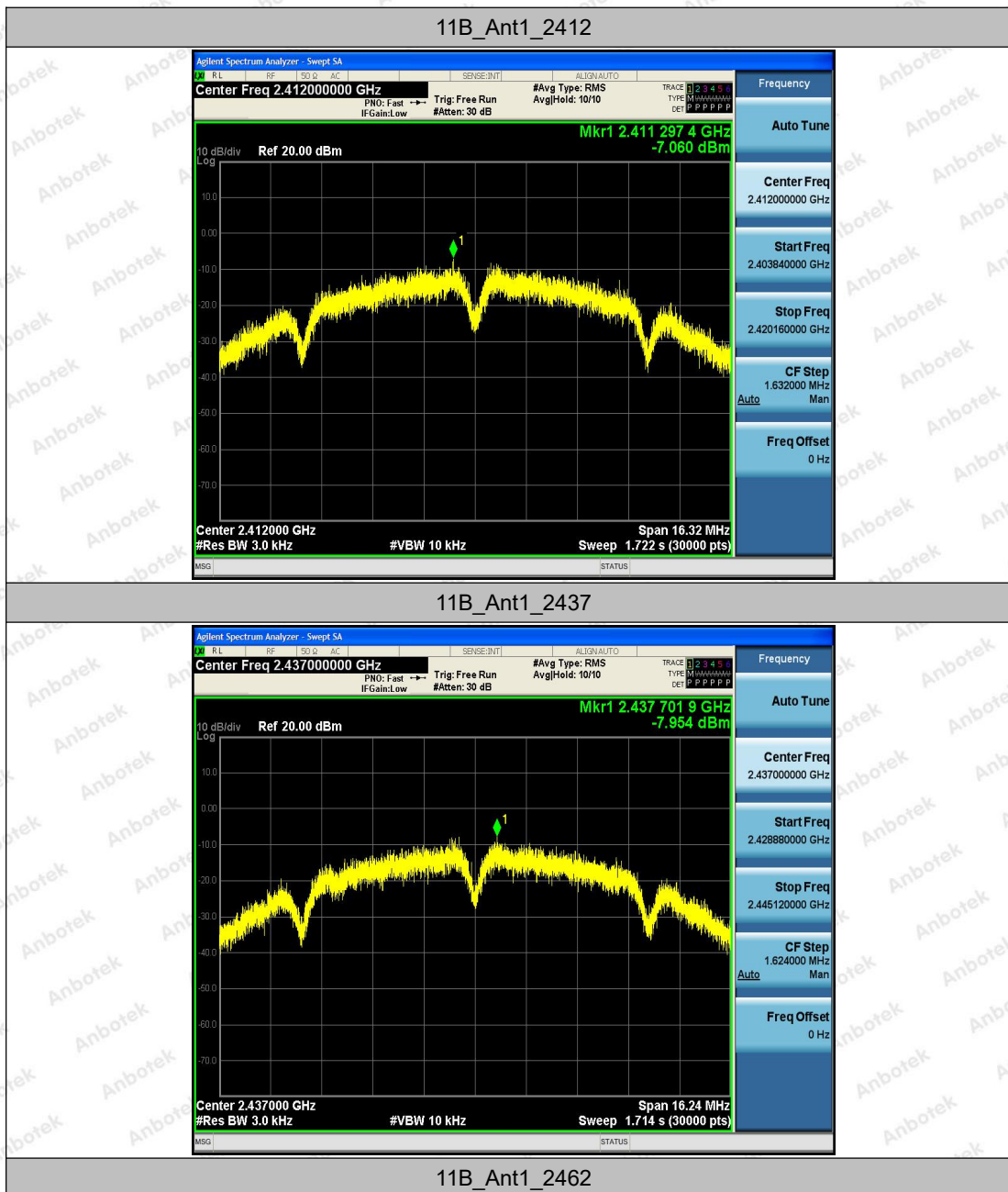
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.96	≤30	PASS
		2437	17.00	≤30	PASS
		2462	18.19	≤30	PASS
11G	Ant1	2412	19.12	≤30	PASS
		2437	19.20	≤30	PASS
		2462	20.35	≤30	PASS
11N20	Ant1	2412	19.05	≤30	PASS
		2437	19.07	≤30	PASS
		2462	20.18	≤30	PASS
11N40	Ant1	2422	16.35	≤30	PASS
		2437	16.50	≤30	PASS
		2452	17.18	≤30	PASS

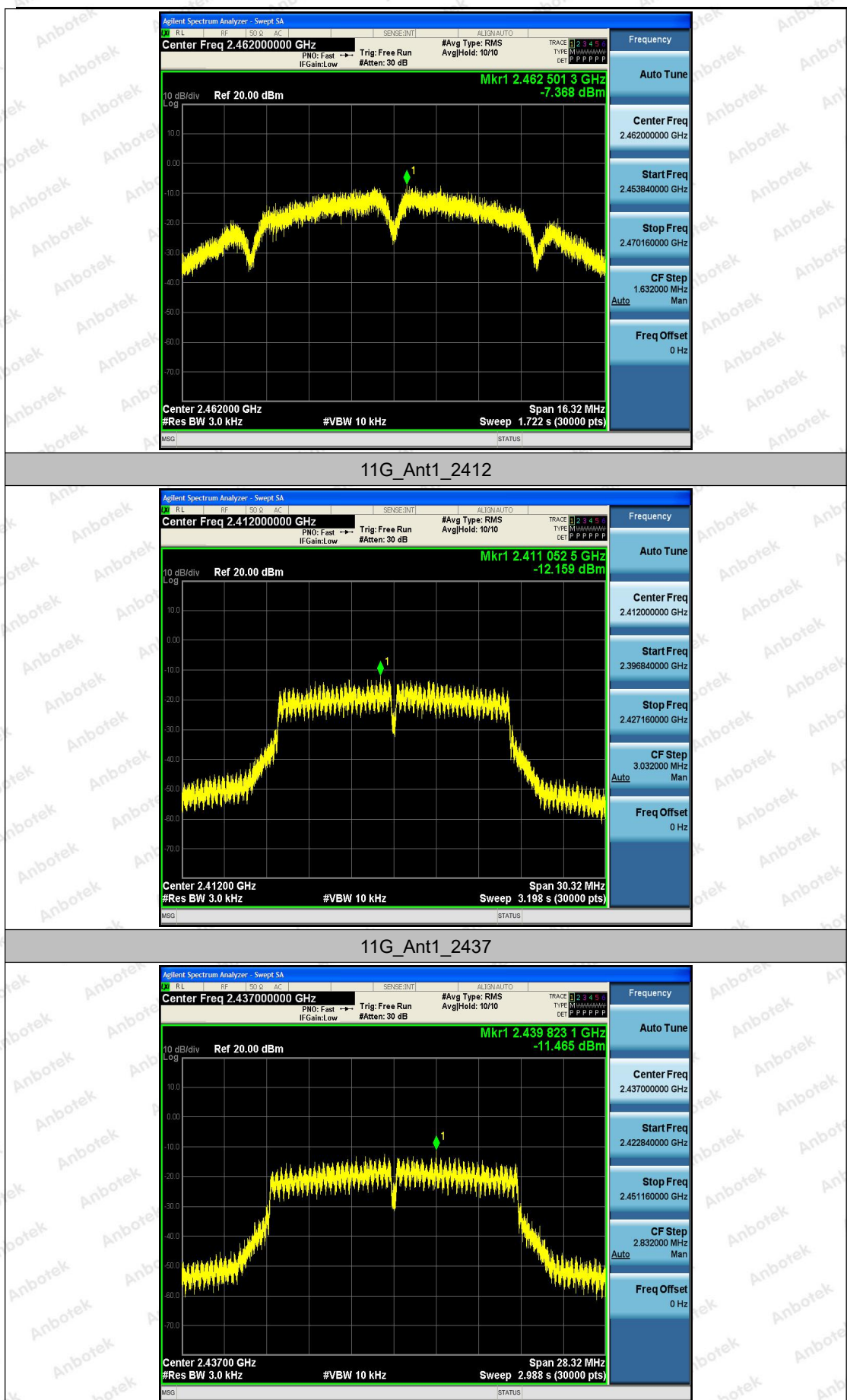
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.06	≤8	PASS
		2437	-7.95	≤8	PASS
		2462	-7.37	≤8	PASS
11G	Ant1	2412	-12.16	≤8	PASS
		2437	-11.47	≤8	PASS
		2462	-10.97	≤8	PASS
11N20	Ant1	2412	-13.12	≤8	PASS
		2437	-12.98	≤8	PASS
		2462	-10.37	≤8	PASS
11N40	Ant1	2422	-16	≤8	PASS
		2437	-15.33	≤8	PASS
		2452	-15.2	≤8	PASS

Test Graphs





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