

Appendix Test Data

Report No.:	18220WC20101602	Test Sample No.:	1-2-2
Start Test Date:	2022.5.10	Finish Test Date:	2022.5.17
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57.1 %
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	9.560	2406.840	2416.400	≥0.5	PASS
		2437	9.400	2432.480	2441.880	≥0.5	PASS
		2462	10.080	2456.960	2467.040	≥0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	≥0.5	PASS
		2437	16.480	2428.760	2445.240	≥0.5	PASS
		2462	16.520	2453.760	2470.280	≥0.5	PASS
11N20	Ant1	2412	17.720	2403.120	2420.840	≥0.5	PASS
		2437	17.360	2428.200	2445.560	≥0.5	PASS
		2462	17.400	2453.480	2470.880	≥0.5	PASS
11N40	Ant1	2422	35.880	2403.760	2439.640	≥0.5	PASS
		2437	35.820	2418.820	2454.640	≥0.5	PASS
		2452	36.180	2434.060	2470.240	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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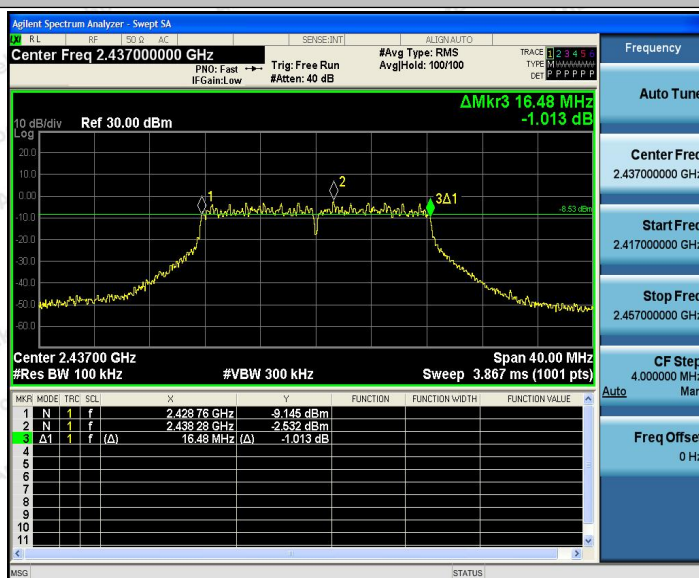
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11G_Ant1_2412



11G_Ant1_2437



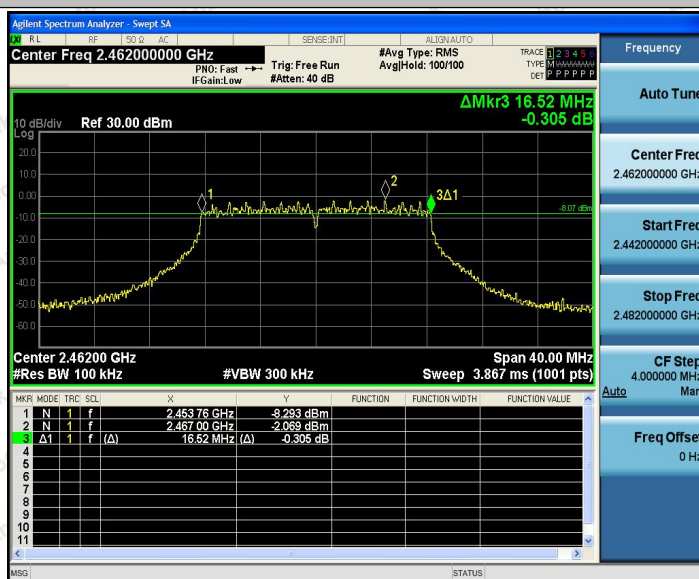
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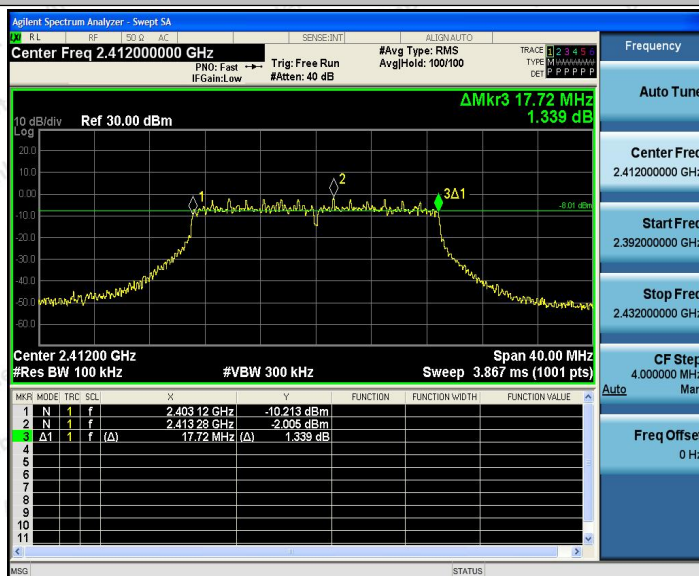
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11G_Ant1_2462



11N20_Ant1_2412



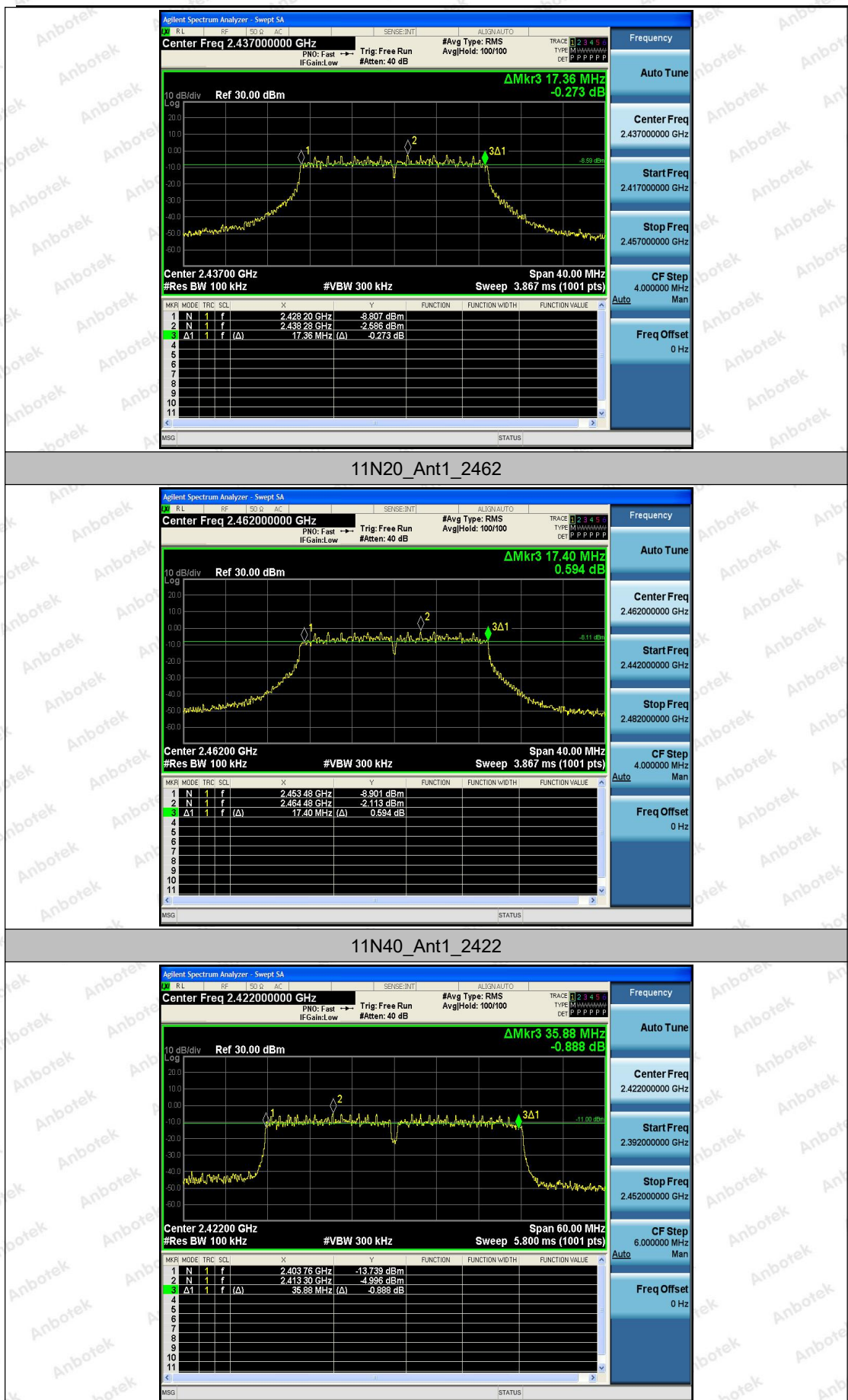
11N20_Ant1_2437

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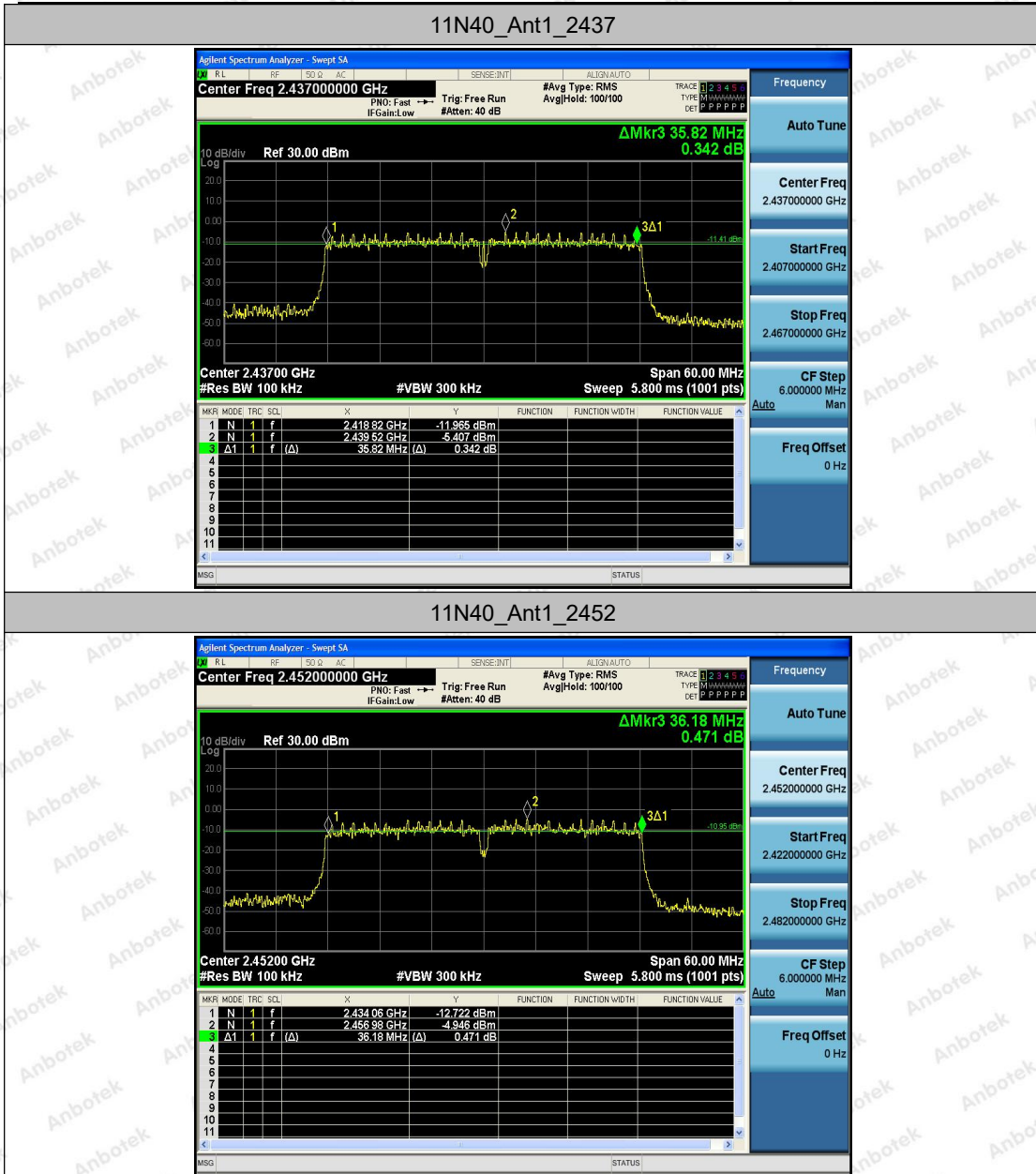


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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.665	2404.610	2419.275	---	PASS
		2437	14.630	2429.696	2444.326	---	PASS
		2462	14.591	2454.737	2469.328	---	PASS
11G	Ant1	2412	16.759	2403.558	2420.317	---	PASS
		2437	16.832	2428.632	2445.464	---	PASS
		2462	17.039	2453.418	2470.457	---	PASS
11N20	Ant1	2412	17.870	2403.004	2420.874	---	PASS
		2437	17.982	2427.960	2445.942	---	PASS
		2462	18.028	2453.007	2471.035	---	PASS
11N40	Ant1	2422	35.992	2403.951	2439.943	---	PASS
		2437	35.982	2419.002	2454.984	---	PASS
		2452	35.979	2434.084	2470.063	---	PASS

Test Graphs

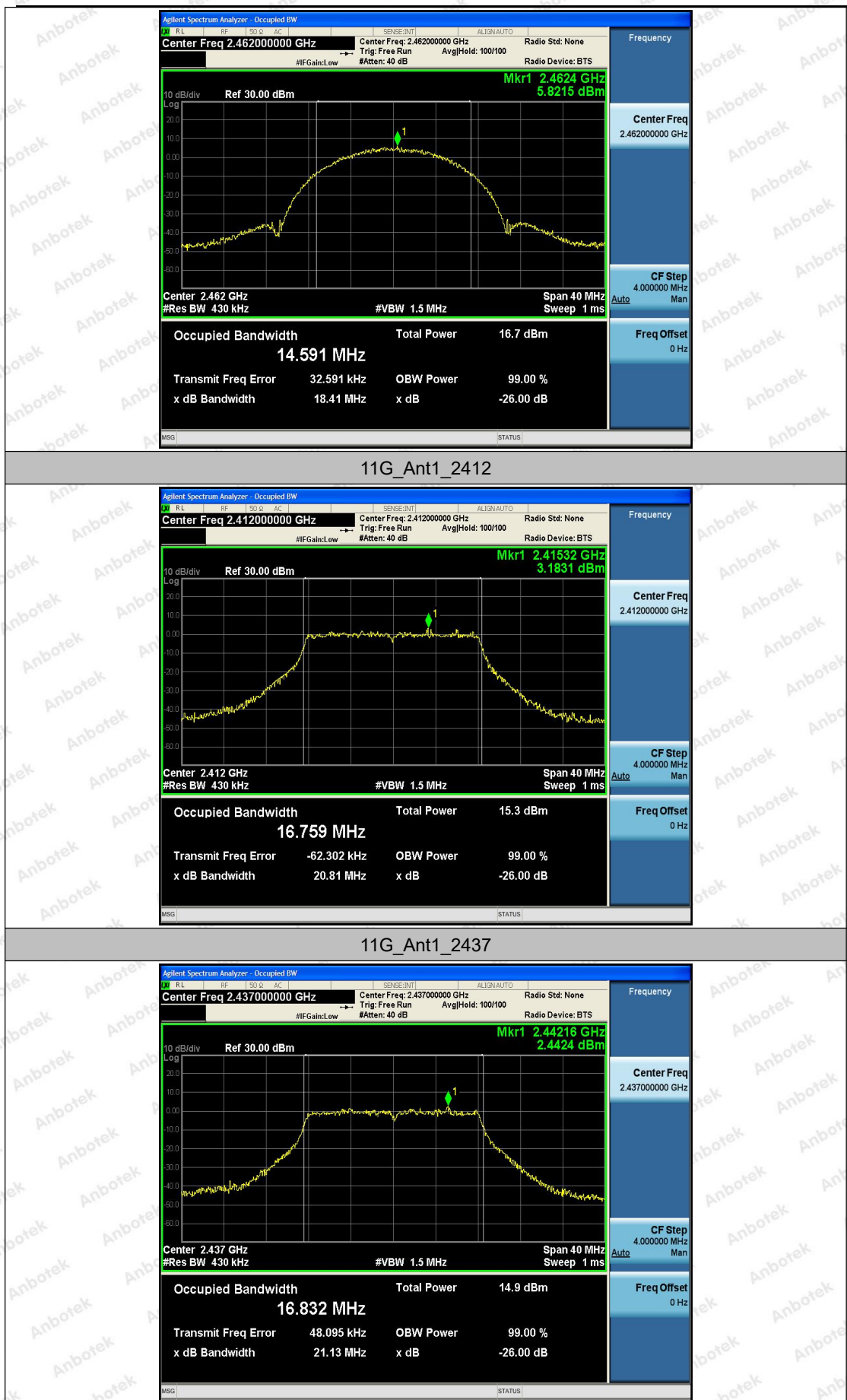


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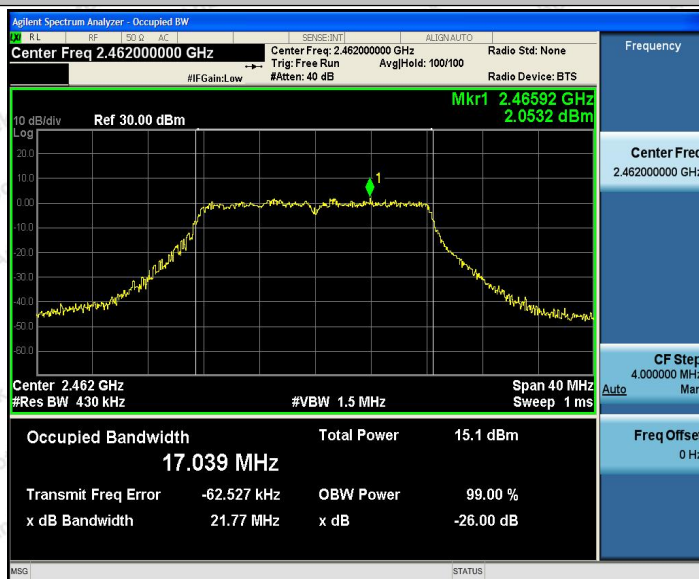
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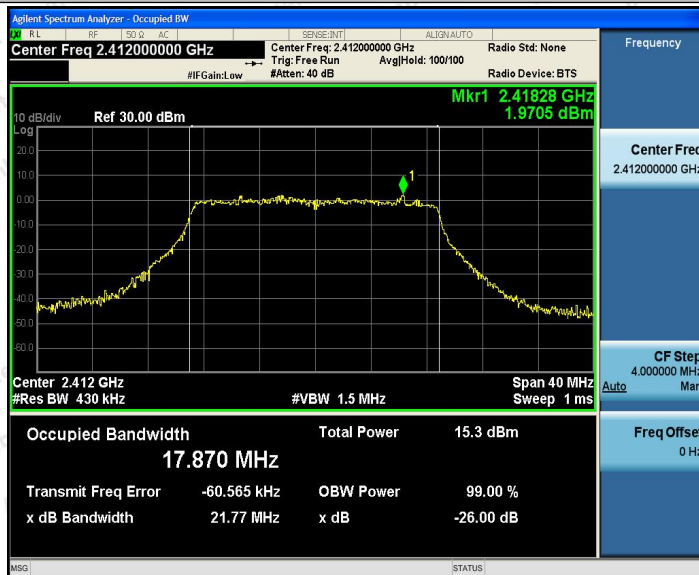
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11G_Ant1_2462



11N20_Ant1_2412



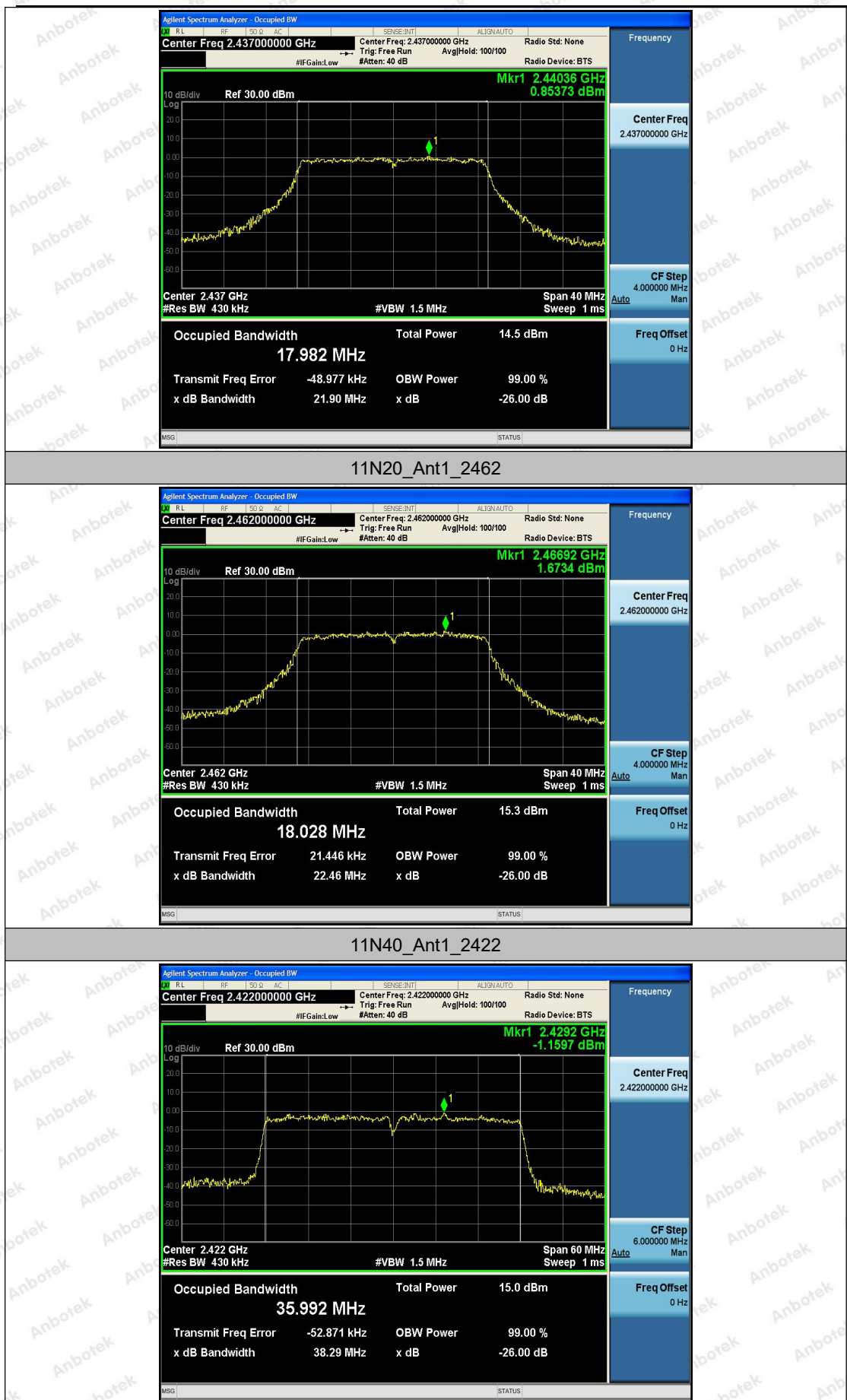
11N20_Ant1_2437

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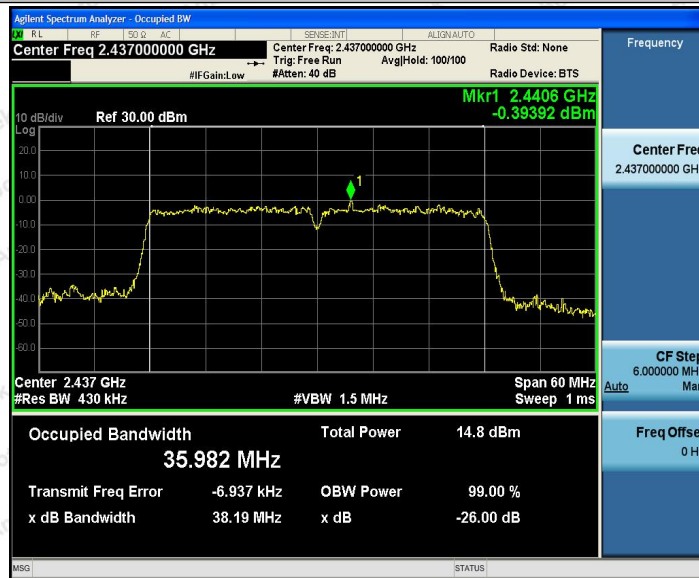
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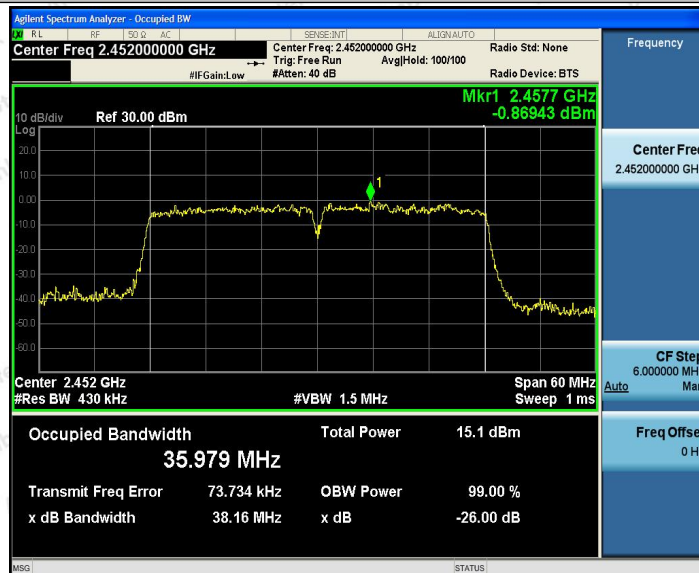
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11N40_Ant1_2437



11N40_Ant1_2452



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Appendix C: Maximum conducted output power

Test Result

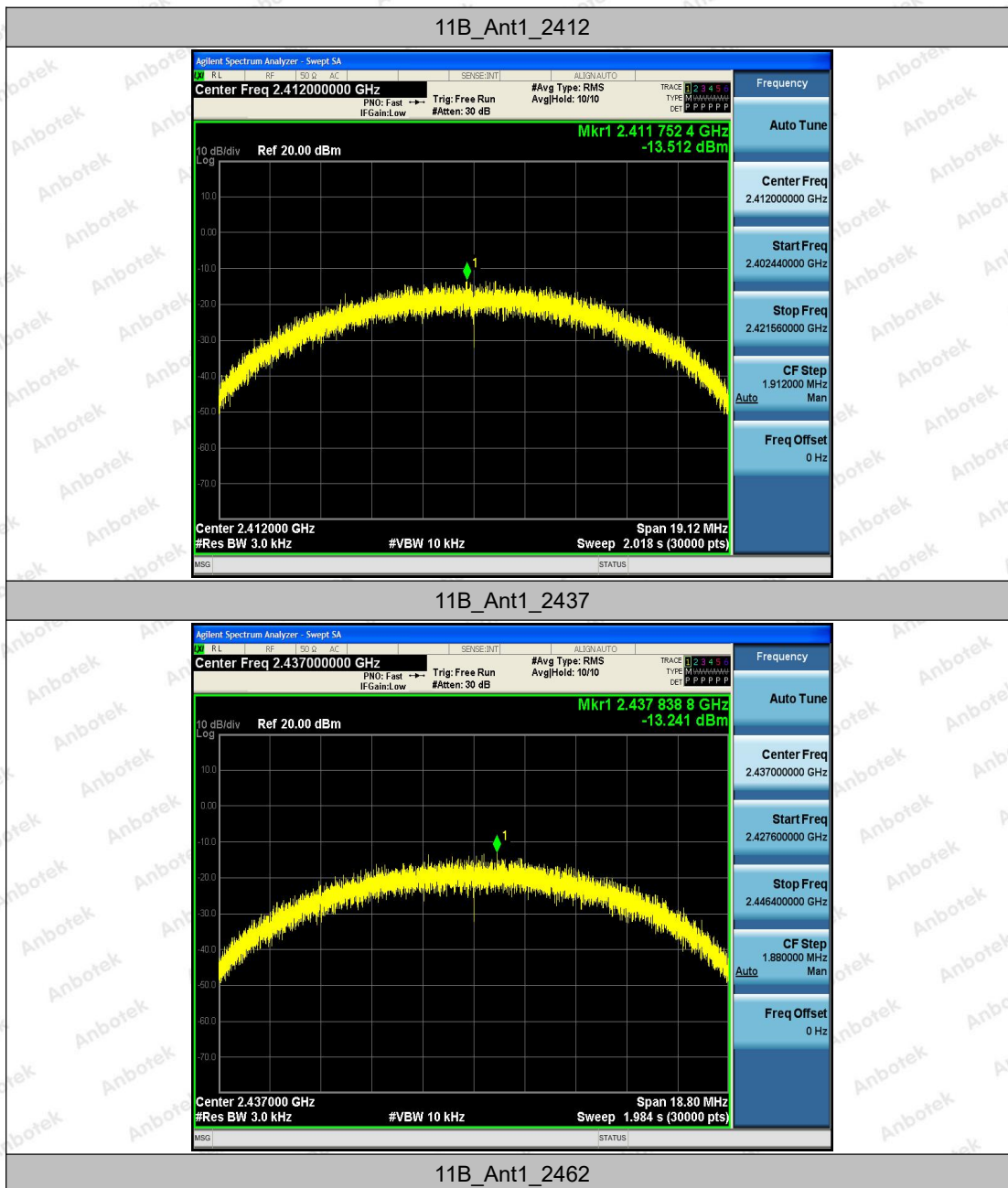
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.42	≤30	PASS
		2437	15.67	≤30	PASS
		2462	16.22	≤30	PASS
11G	Ant1	2412	16.08	≤30	PASS
		2437	15.45	≤30	PASS
		2462	15.92	≤30	PASS
11N20	Ant1	2412	15.88	≤30	PASS
		2437	15.45	≤30	PASS
		2462	16.10	≤30	PASS
11N40	Ant1	2422	13.46	≤30	PASS
		2437	13.18	≤30	PASS
		2452	13.64	≤30	PASS

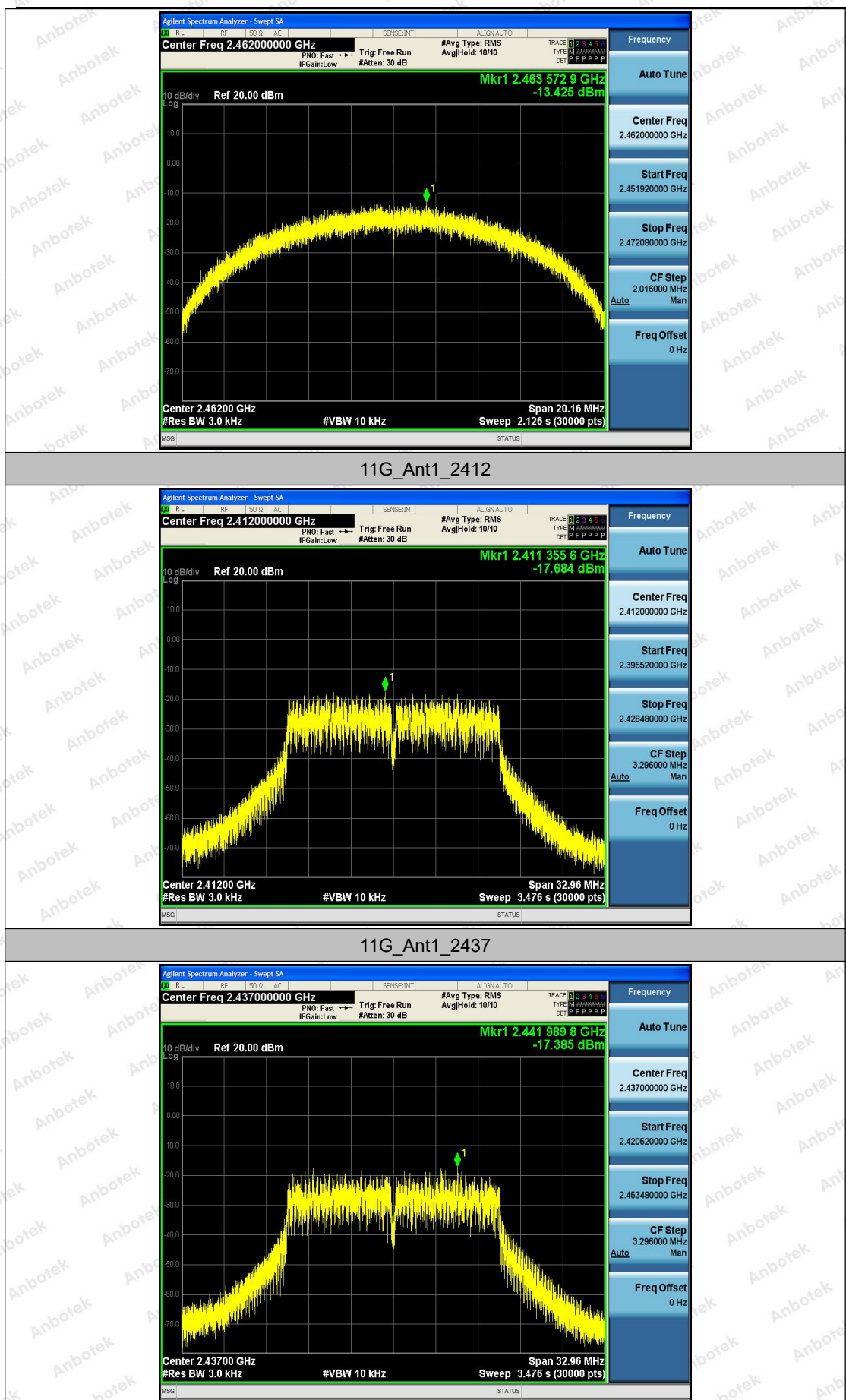
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-13.51	≤8	PASS
		2437	-13.24	≤8	PASS
		2462	-13.43	≤8	PASS
11G	Ant1	2412	-17.68	≤8	PASS
		2437	-17.39	≤8	PASS
		2462	-16.96	≤8	PASS
11N20	Ant1	2412	-18.15	≤8	PASS
		2437	-18.37	≤8	PASS
		2462	-16.69	≤8	PASS
11N40	Ant1	2422	-18.06	≤8	PASS
		2437	-18.91	≤8	PASS
		2452	-20.14	≤8	PASS

Test Graphs



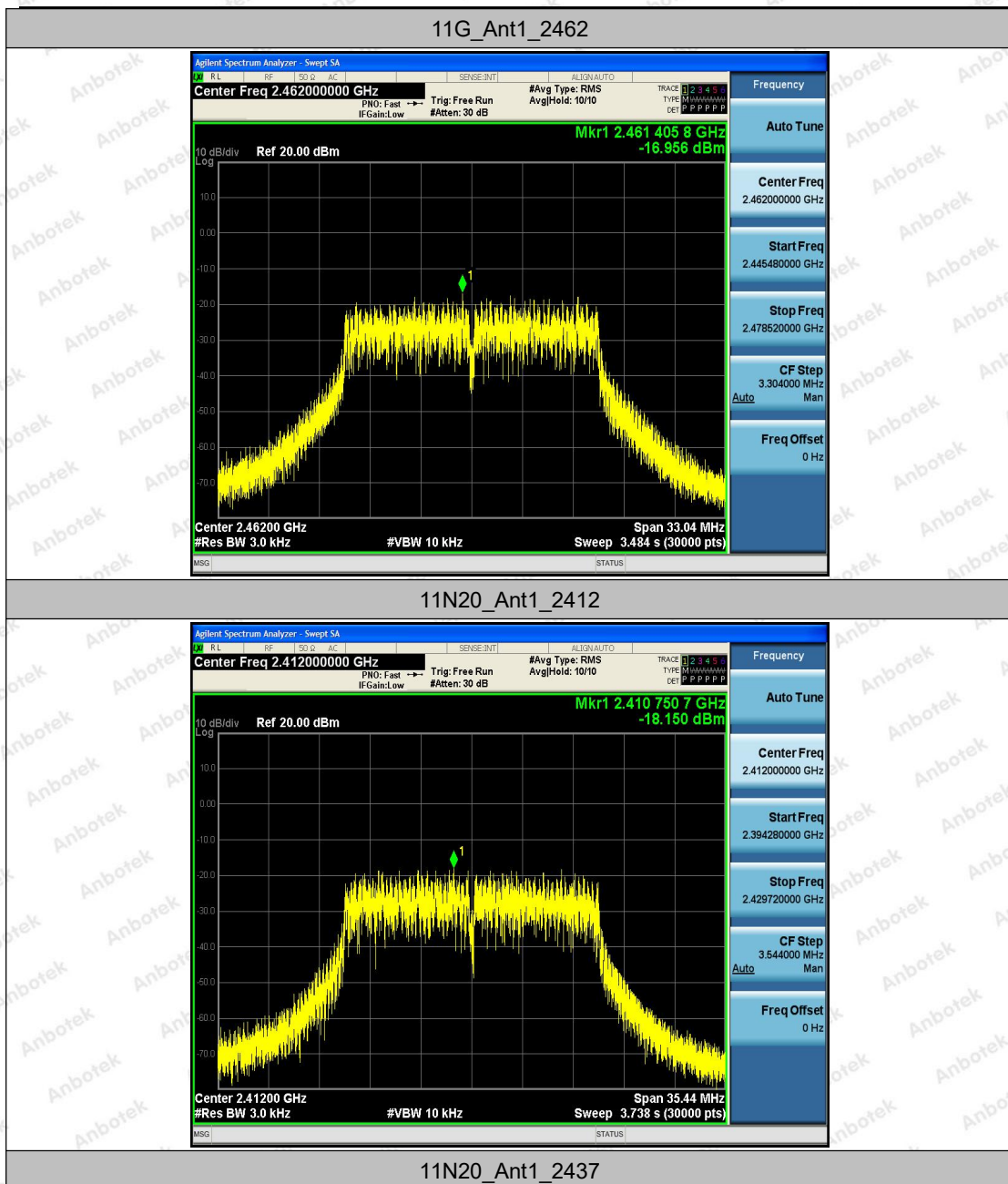


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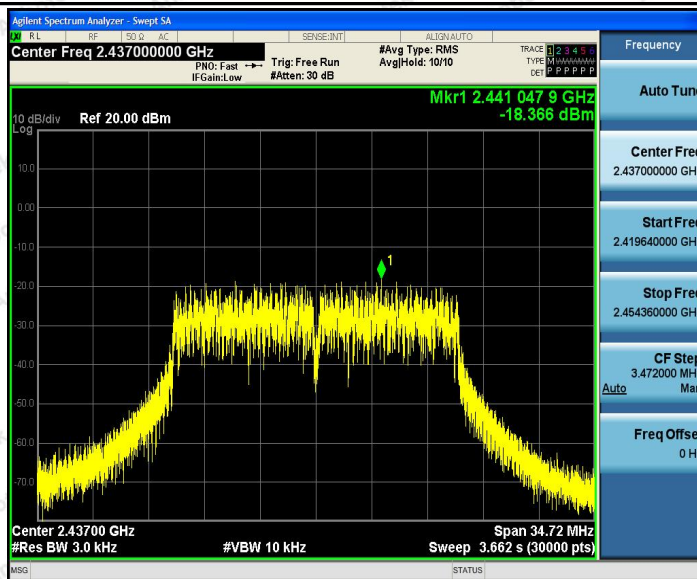


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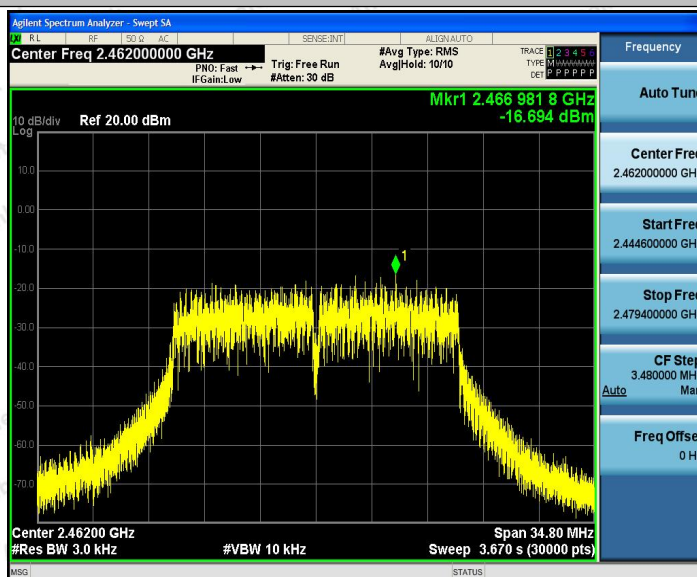
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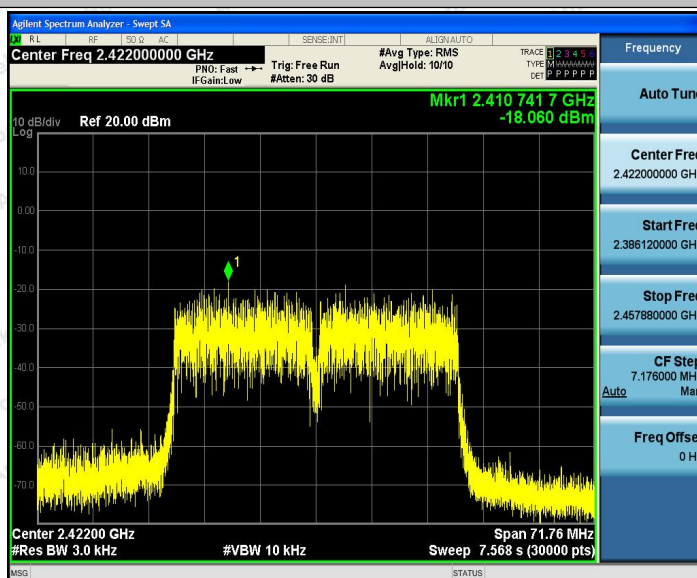
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11N20_Ant1_2462



11N40_Ant1_2422

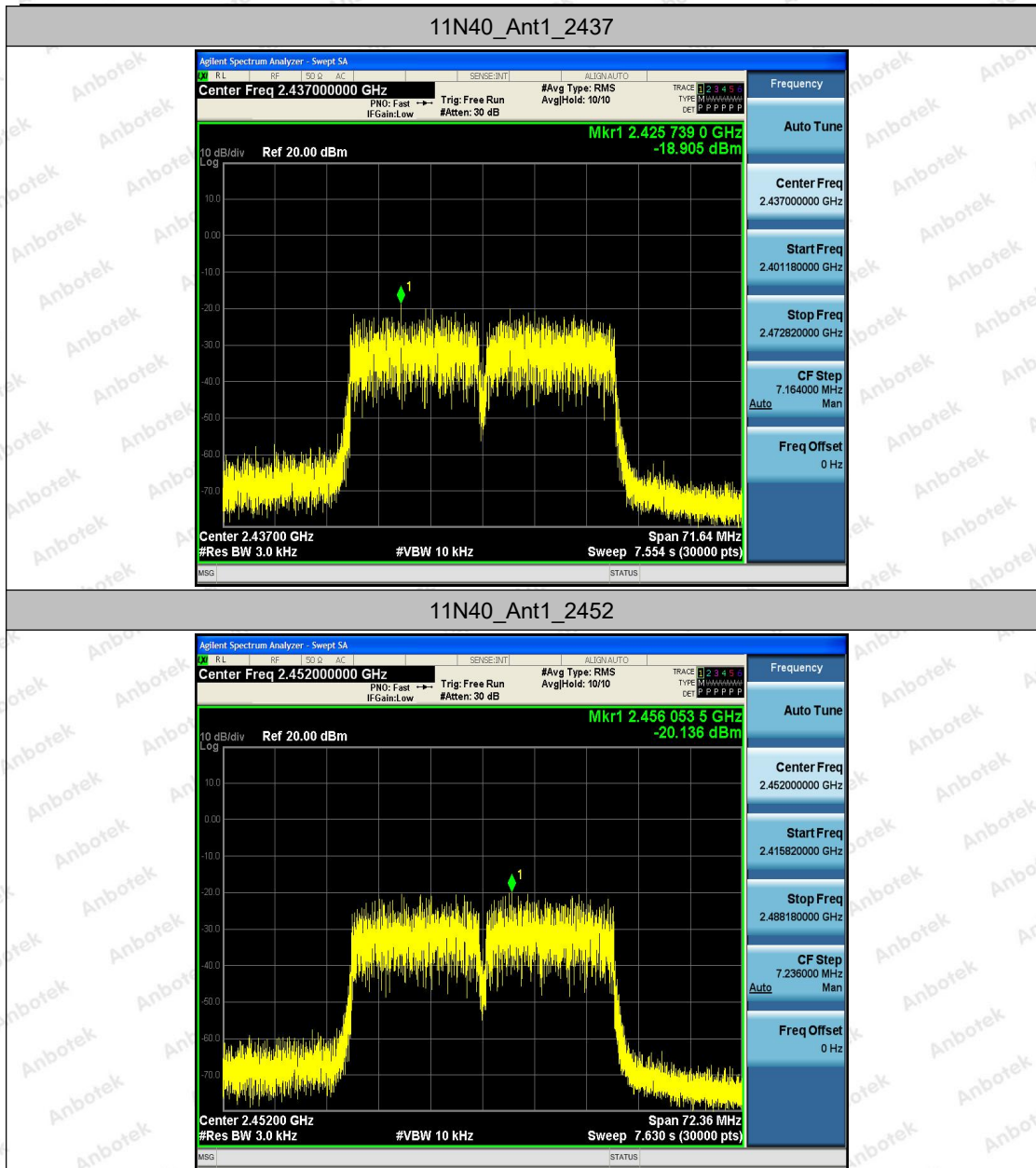


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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.10	-38.94	≤-17.91	PASS
		High	2462	0.96	-57.57	≤-19.04	PASS
11G	Ant1	Low	2412	-2.32	-39.15	≤-22.32	PASS
		High	2462	-2.17	-55.19	≤-22.17	PASS
11N20	Ant1	Low	2412	-2.25	-36.87	≤-22.25	PASS
		High	2462	-2.03	-55.99	≤-22.03	PASS
11N40	Ant1	Low	2422	-4.99	-41.05	≤-24.99	PASS
		High	2452	-4.99	-49.32	≤-24.99	PASS