

Appendix Test Data

Report No.:	18220WC20085903	Test Sample No.:	1-2-2
Start Test Date:	2022.4.21	Finish Test Date:	2022.5.5
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	57.2 %
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	7.680	2408.400	2416.080	≥0.5	PASS
		2437	8.120	2432.960	2441.080	≥0.5	PASS
		2462	8.080	2457.960	2466.040	≥0.5	PASS
11G	Ant1	2412	15.680	2404.480	2420.160	≥0.5	PASS
		2437	15.400	2429.400	2444.800	≥0.5	PASS
		2462	16.000	2454.200	2470.200	≥0.5	PASS
11N20	Ant1	2412	16.400	2404.400	2420.800	≥0.5	PASS
		2437	15.200	2429.400	2444.600	≥0.5	PASS
		2462	16.080	2454.480	2470.560	≥0.5	PASS
11N40	Ant1	2422	32.700	2406.880	2439.580	≥0.5	PASS
		2437	33.960	2420.620	2454.580	≥0.5	PASS
		2452	33.960	2435.620	2469.580	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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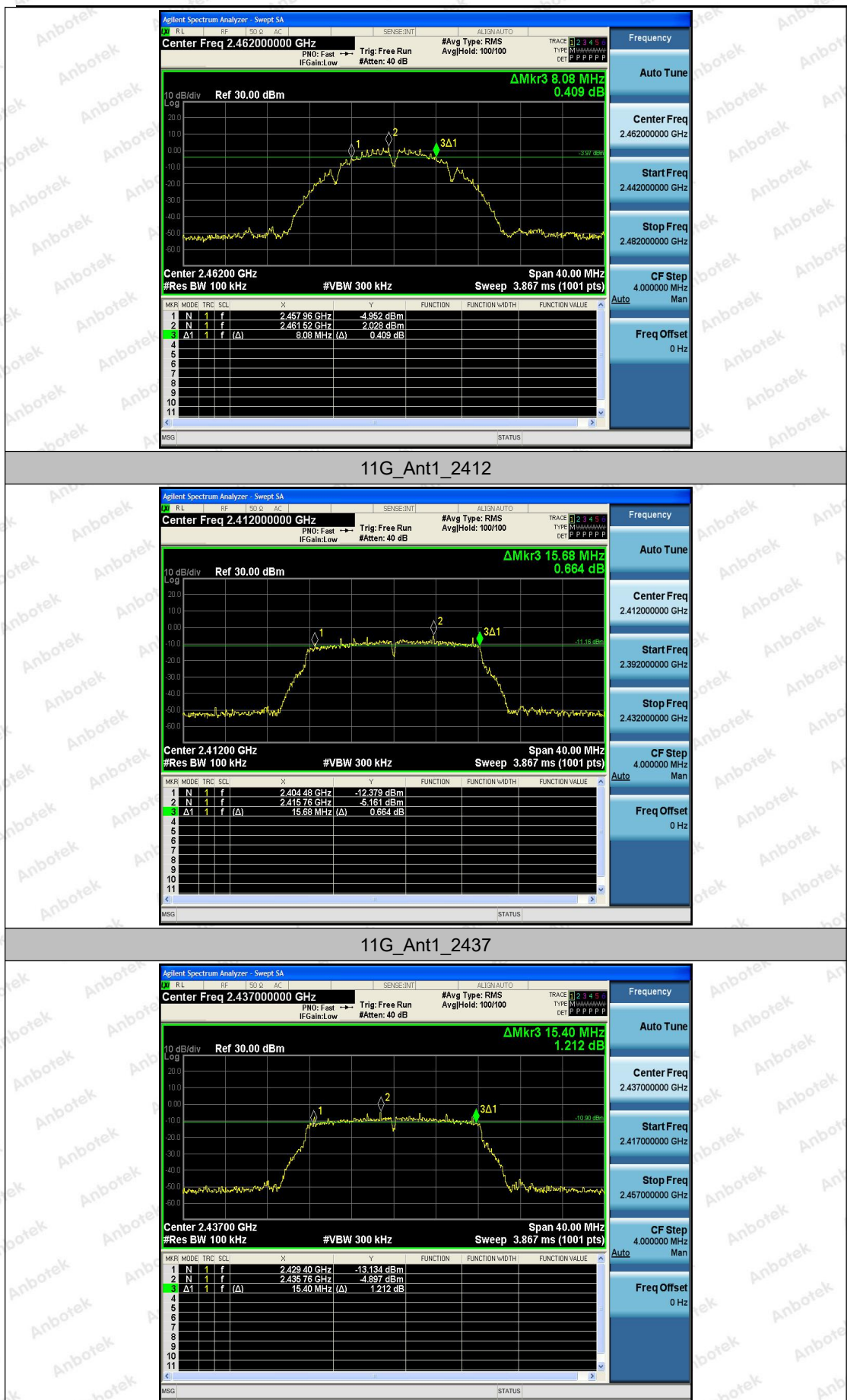
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11G_Ant1_2462



11N20_Ant1_2412



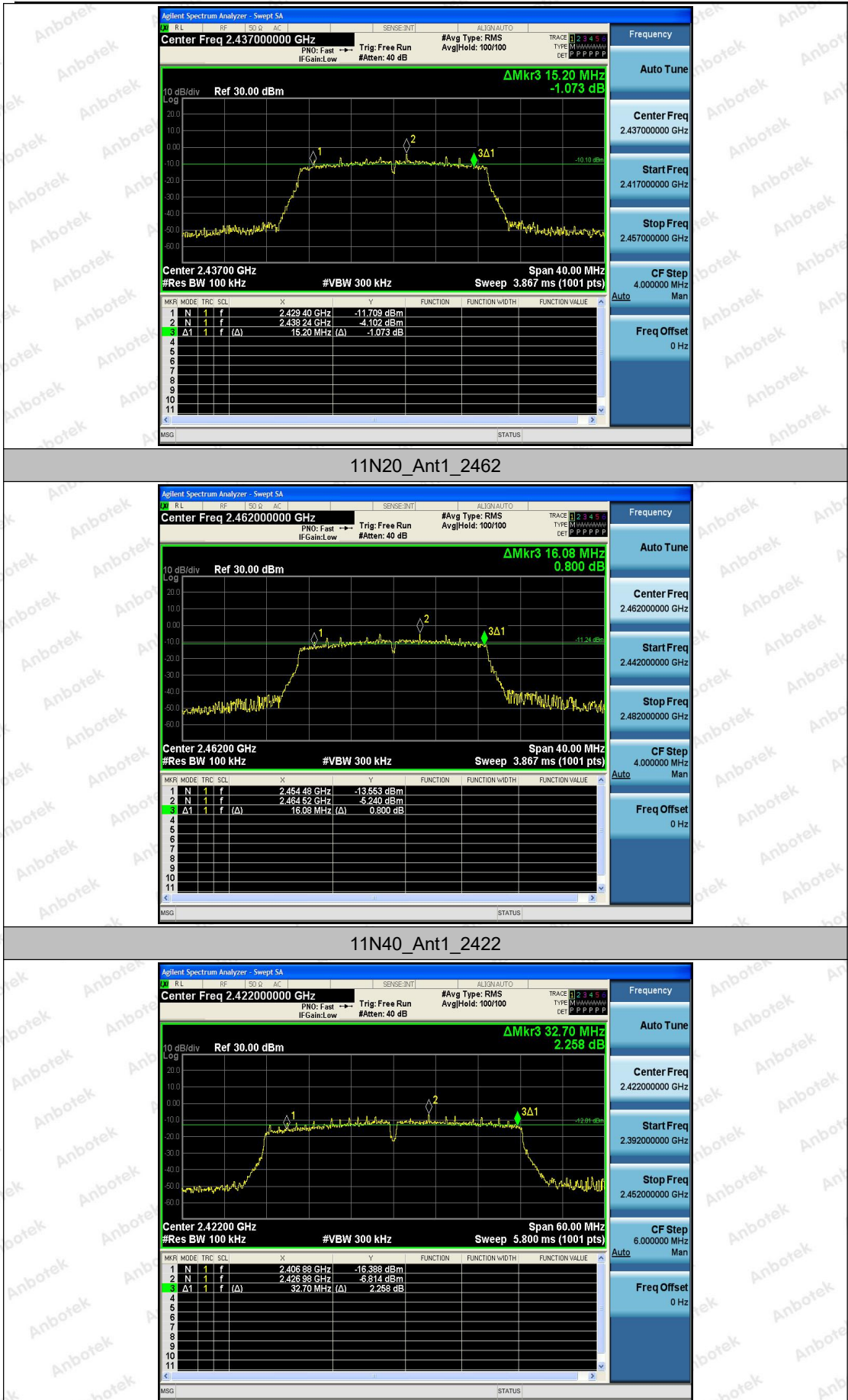
11N20_Ant1_2437

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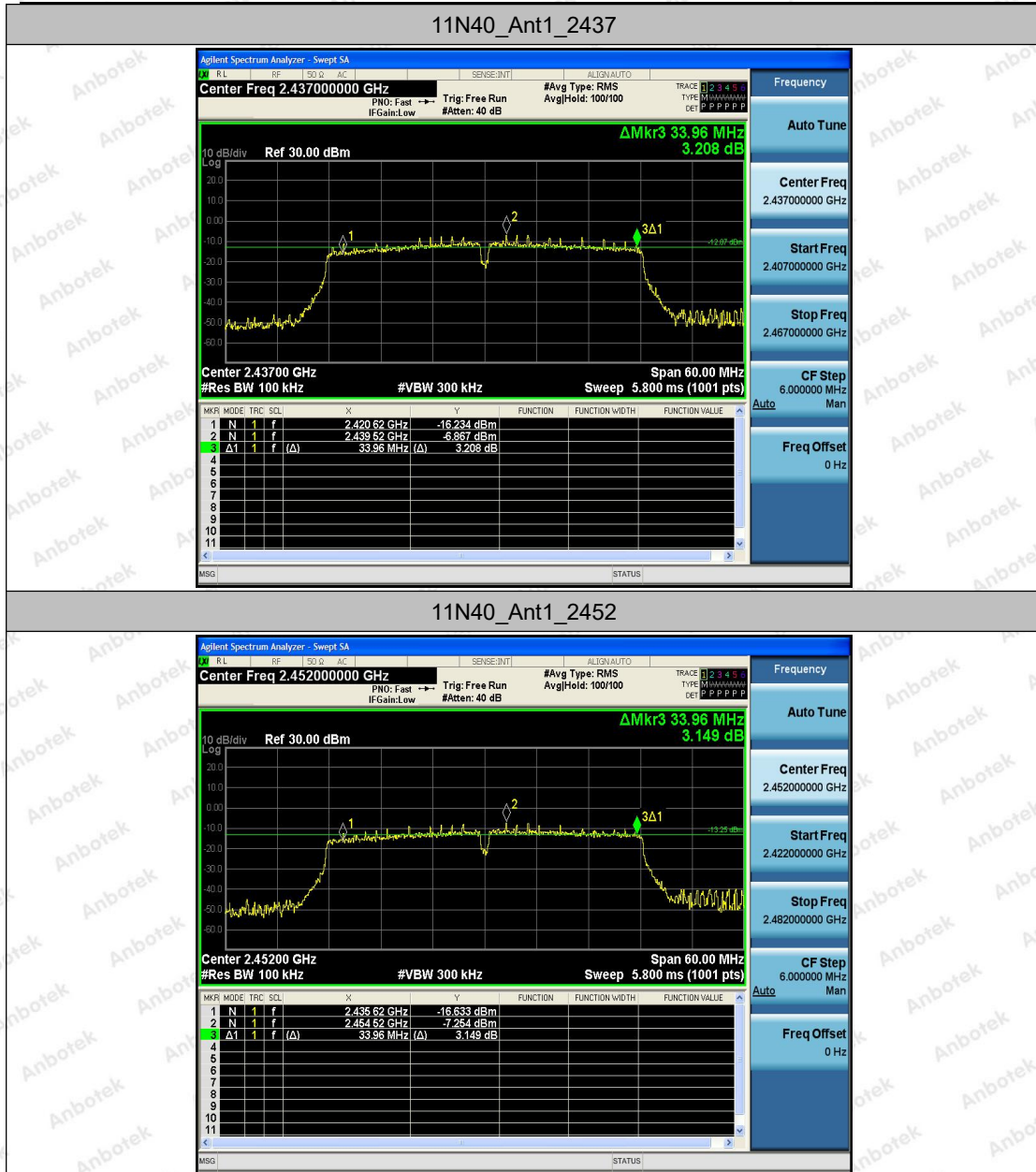


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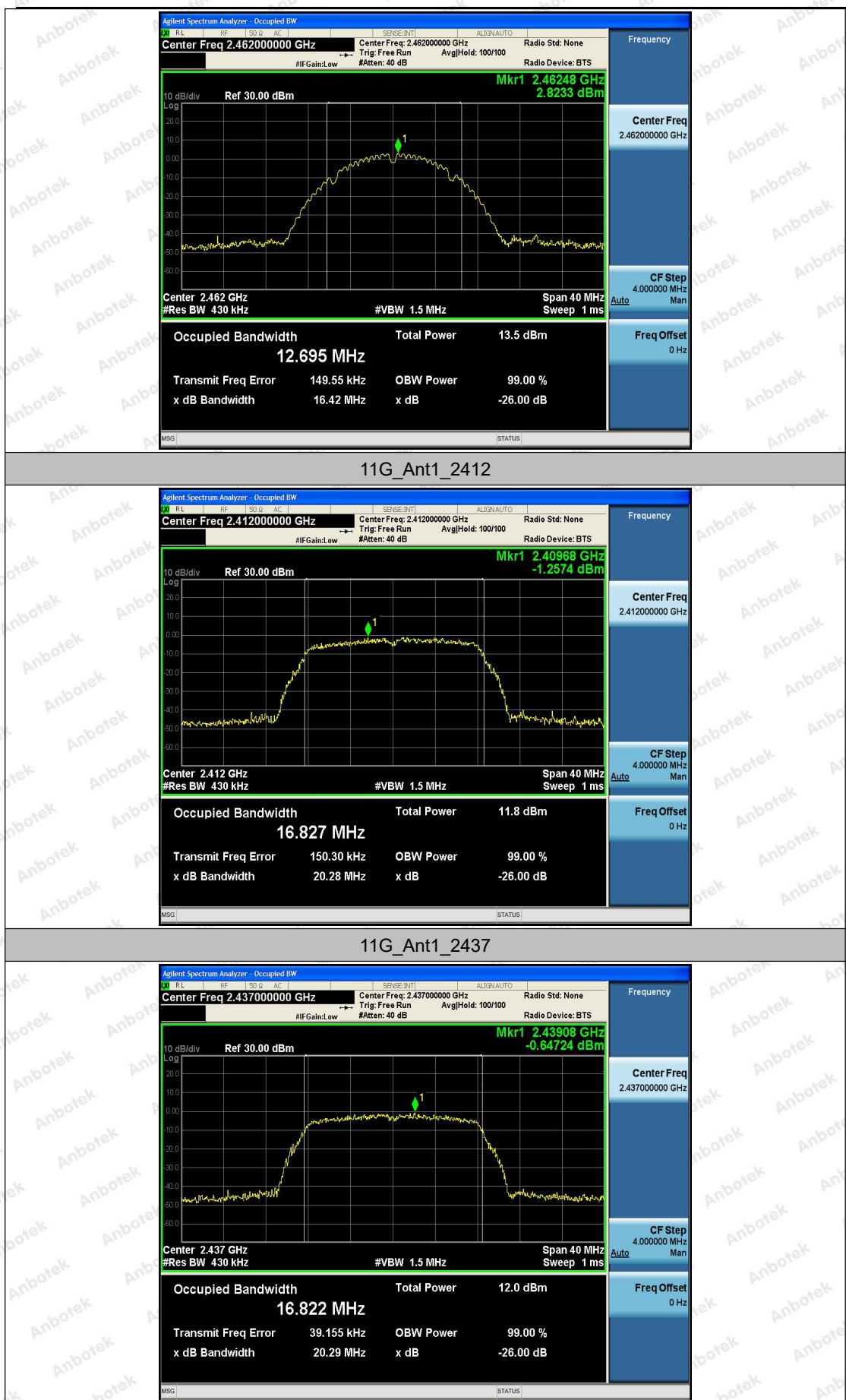
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.696	2405.827	2418.523	---	PASS
		2437	12.735	2430.678	2443.413	---	PASS
		2462	12.695	2455.802	2468.497	---	PASS
11G	Ant1	2412	16.827	2403.737	2420.564	---	PASS
		2437	16.822	2428.628	2445.450	---	PASS
		2462	16.829	2453.688	2470.517	---	PASS
11N20	Ant1	2412	17.768	2403.214	2420.982	---	PASS
		2437	17.783	2428.141	2445.924	---	PASS
		2462	17.893	2453.157	2471.050	---	PASS
11N40	Ant1	2422	35.819	2404.261	2440.080	---	PASS
		2437	35.983	2419.127	2455.110	---	PASS
		2452	36.066	2434.110	2470.176	---	PASS

Test Graphs





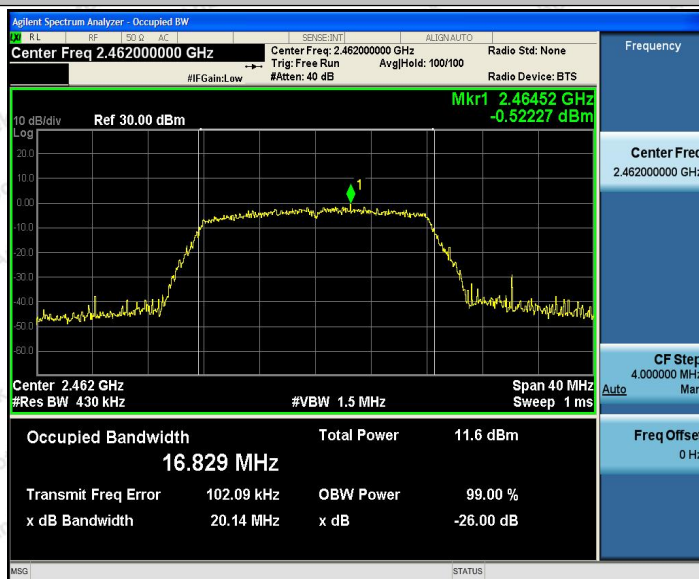
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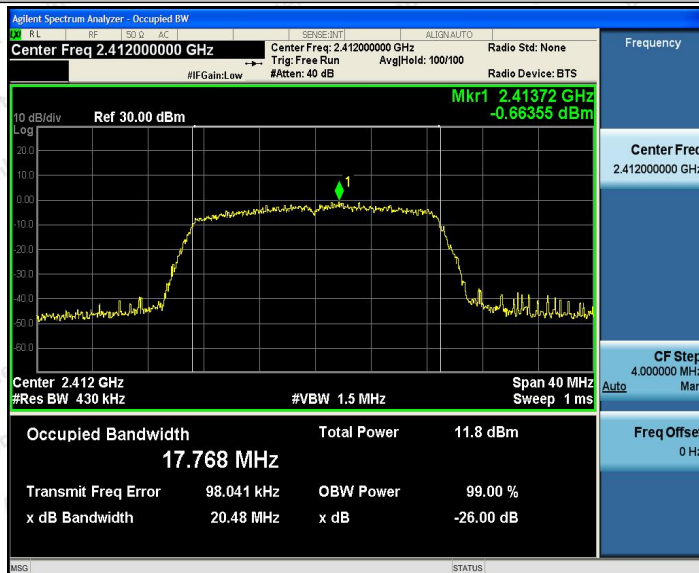
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11G_Ant1_2462



11N20_Ant1_2412



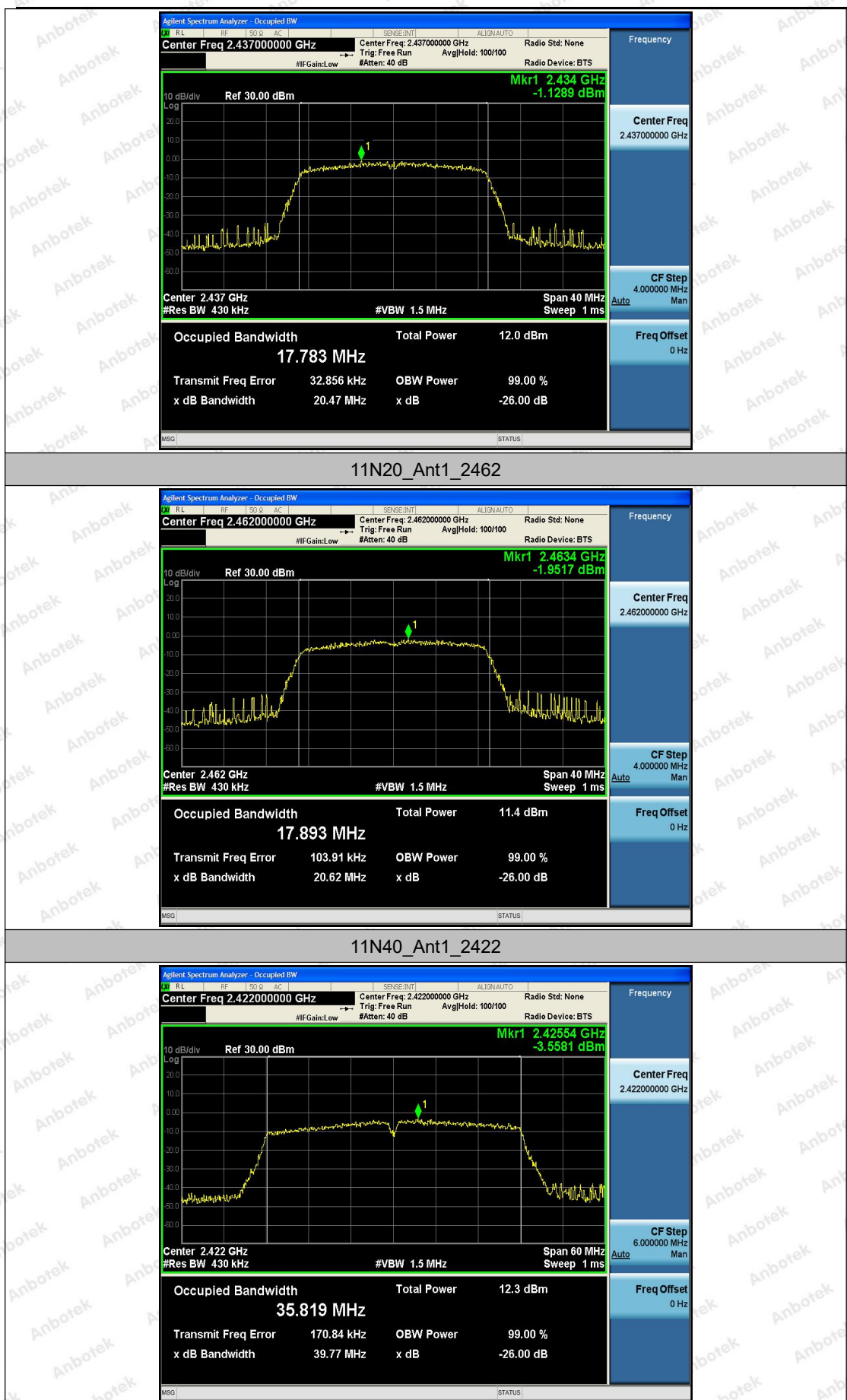
11N20_Ant1_2437

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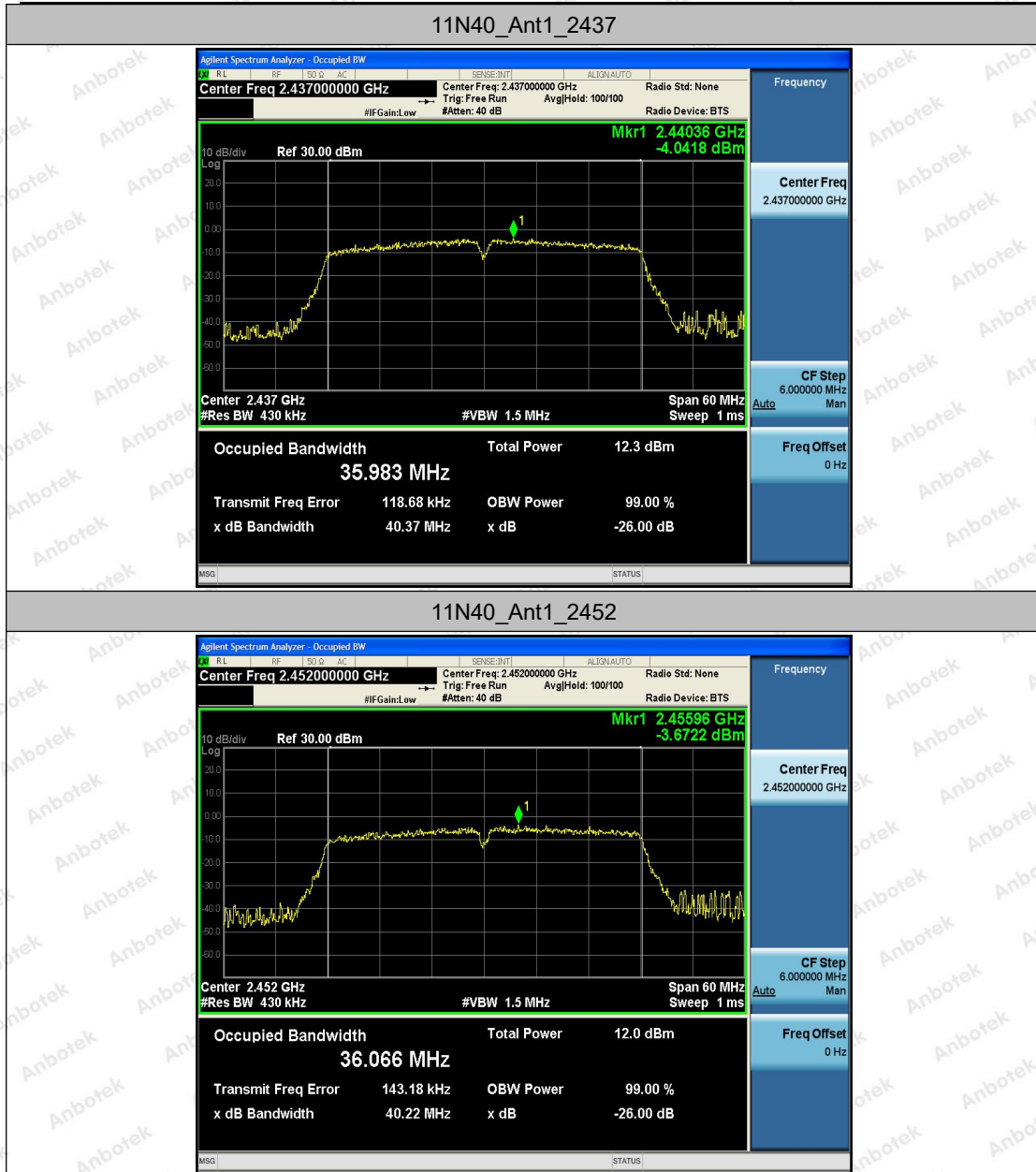


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Appendix C: Maximum conducted output power

Test Result

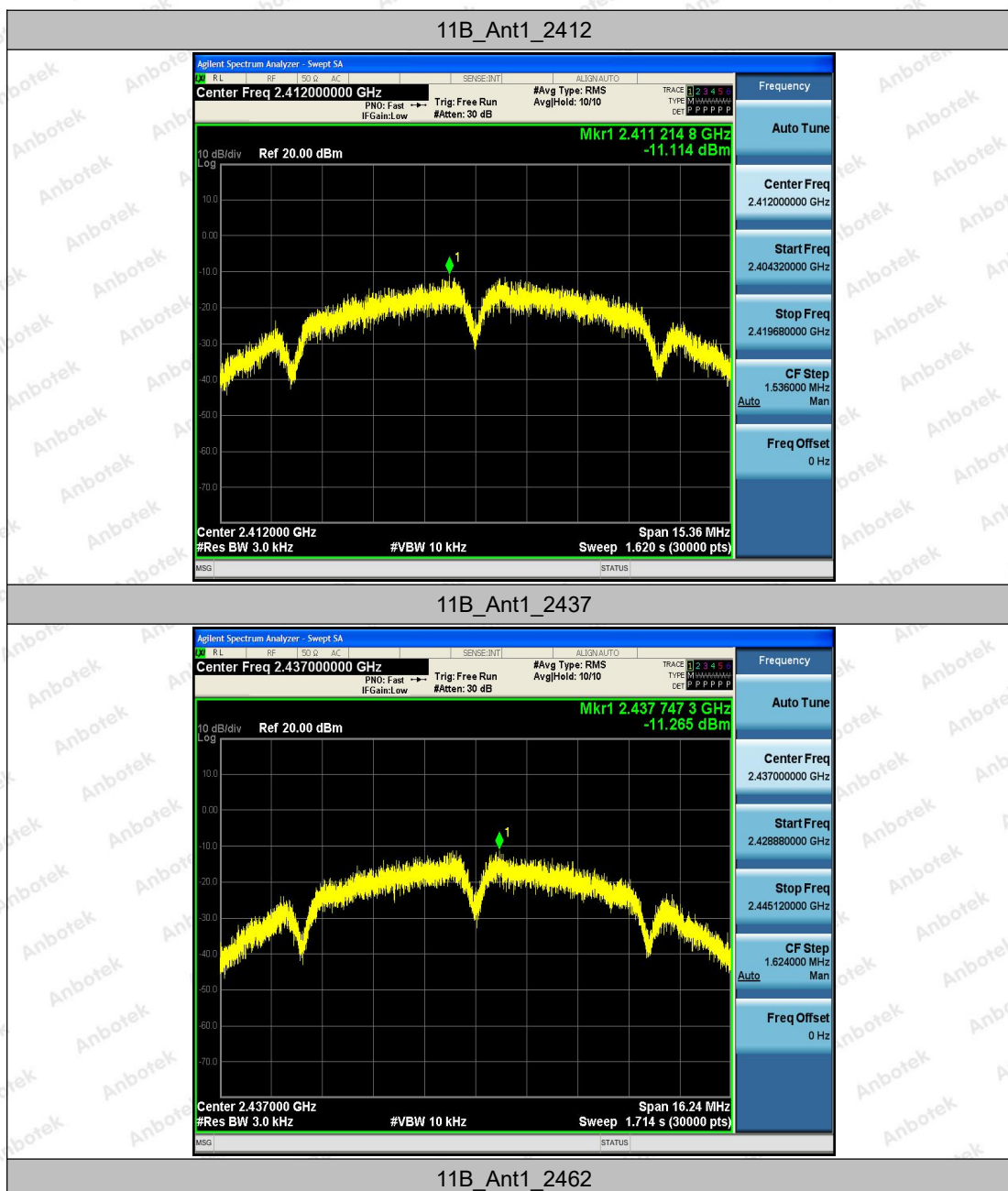
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.04	≤30	PASS
		2437	13.83	≤30	PASS
		2462	13.49	≤30	PASS
11G	Ant1	2412	13.00	≤30	PASS
		2437	13.14	≤30	PASS
		2462	12.75	≤30	PASS
11N20	Ant1	2412	12.90	≤30	PASS
		2437	13.23	≤30	PASS
		2462	12.63	≤30	PASS
11N40	Ant1	2422	11.66	≤30	PASS
		2437	11.66	≤30	PASS
		2452	11.07	≤30	PASS

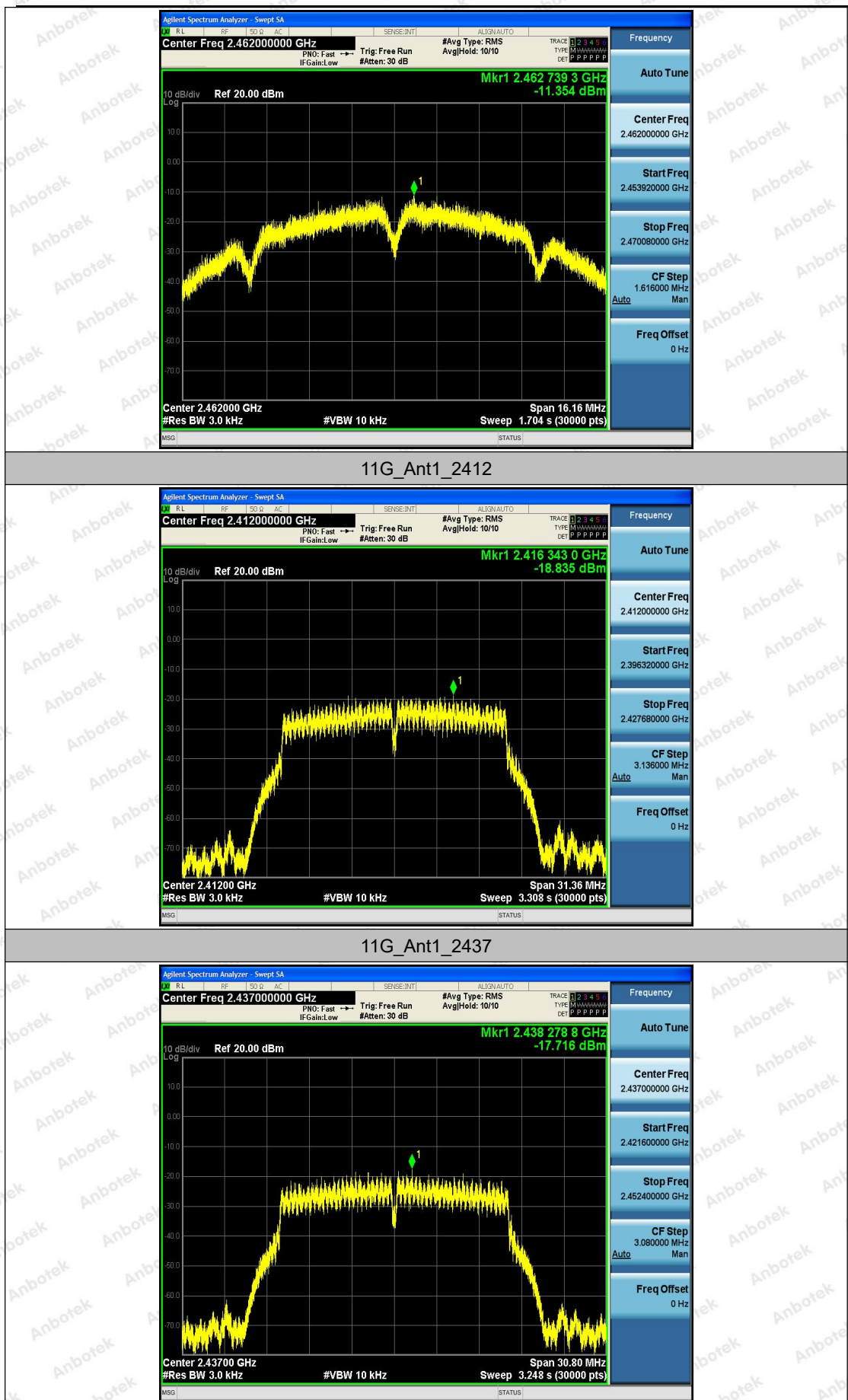
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.11	≤8	PASS
		2437	-11.27	≤8	PASS
		2462	-11.35	≤8	PASS
11G	Ant1	2412	-18.84	≤8	PASS
		2437	-17.72	≤8	PASS
		2462	-18.12	≤8	PASS
11N20	Ant1	2412	-17.51	≤8	PASS
		2437	-18.67	≤8	PASS
		2462	-18.16	≤8	PASS
11N40	Ant1	2422	-20.4	≤8	PASS
		2437	-20.77	≤8	PASS
		2452	-20.81	≤8	PASS

Test Graphs





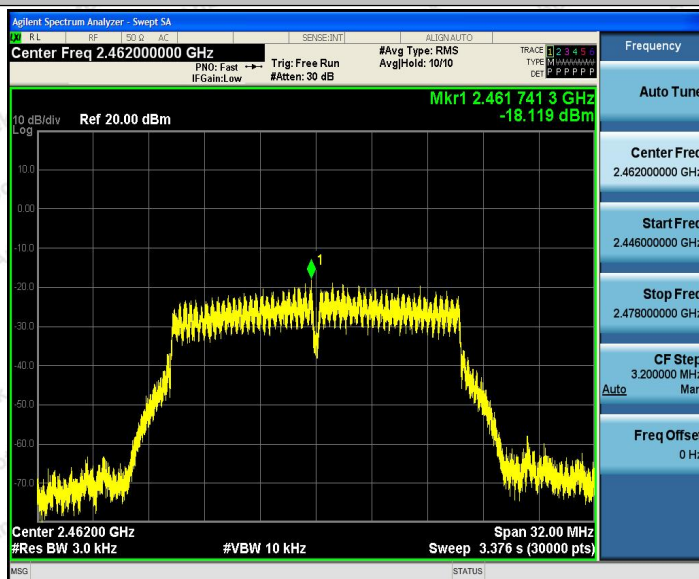
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11G_Ant1_2462



11N20_Ant1_2412



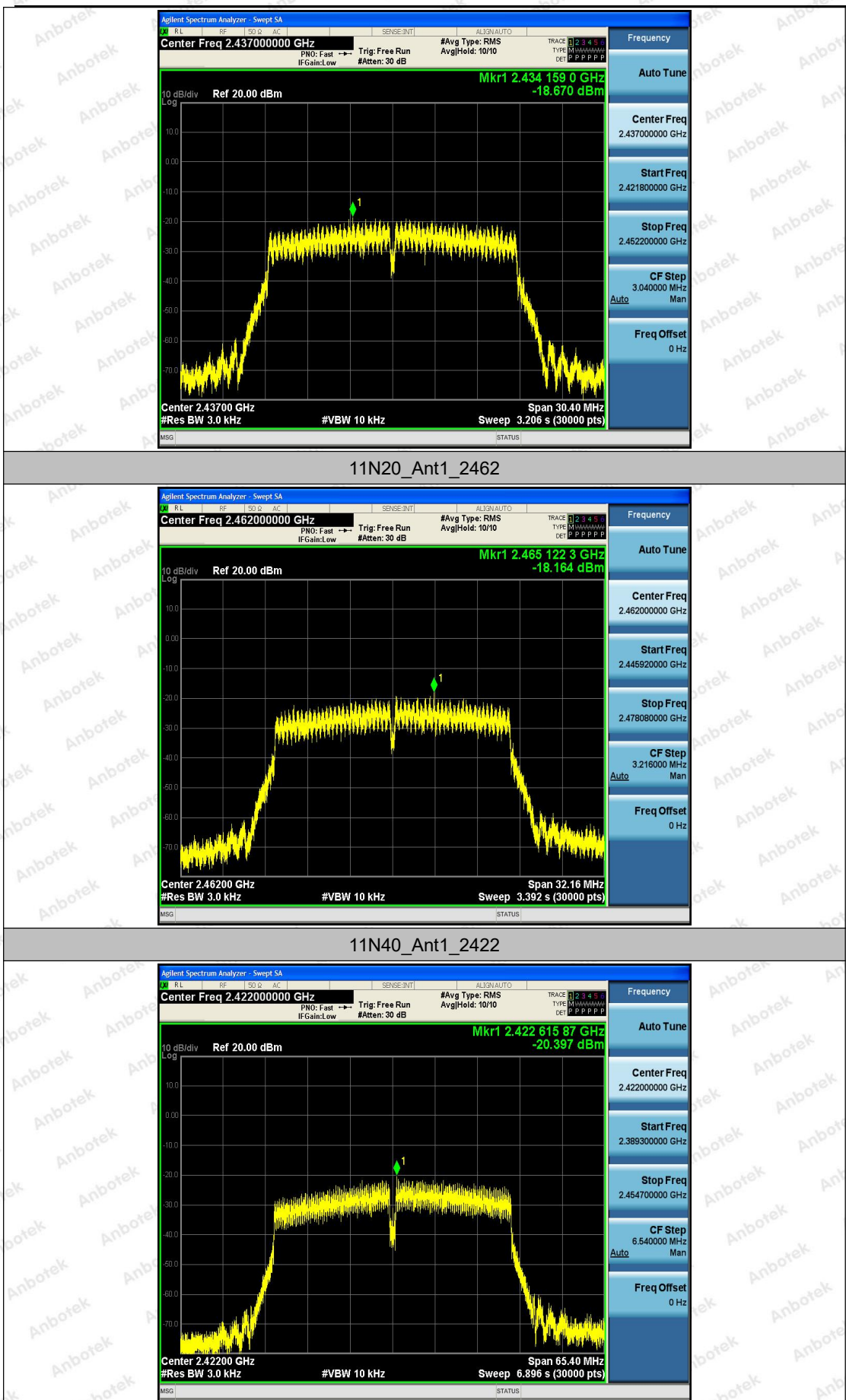
11N20_Ant1_2437

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