

Appendix Test Data

Report No.:	18220WC10234301	Test Date:	2021.10.27
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3C°	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	9.160	2407.400	2416.560	≥0.5	PASS
		2437	9.120	2432.400	2441.520	≥0.5	PASS
		2462	9.120	2457.440	2466.560	≥0.5	PASS
11G	Ant1	2412	16.600	2403.680	2420.280	≥0.5	PASS
		2437	16.640	2428.680	2445.320	≥0.5	PASS
		2462	16.640	2453.680	2470.320	≥0.5	PASS
11N20	Ant1	2412	17.800	2403.040	2420.840	≥0.5	PASS
		2437	17.920	2428.040	2445.960	≥0.5	PASS
		2462	17.800	2453.120	2470.920	≥0.5	PASS
11N40	Ant1	2422	36.600	2403.640	2440.240	≥0.5	PASS
		2437	36.600	2418.700	2455.300	≥0.5	PASS
		2452	36.600	2433.700	2470.300	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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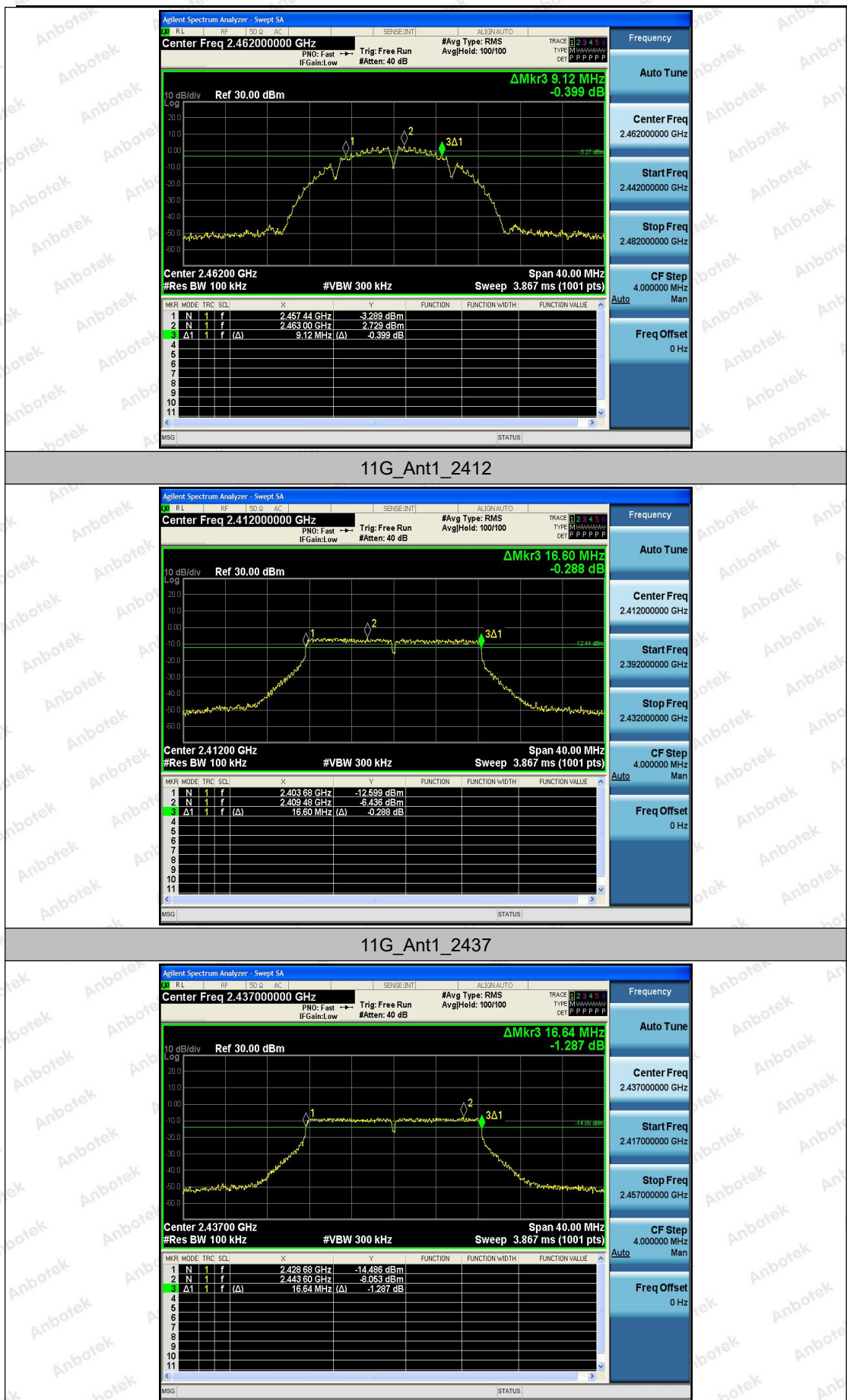
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11G_Ant1_2462



11N20_Ant1_2412



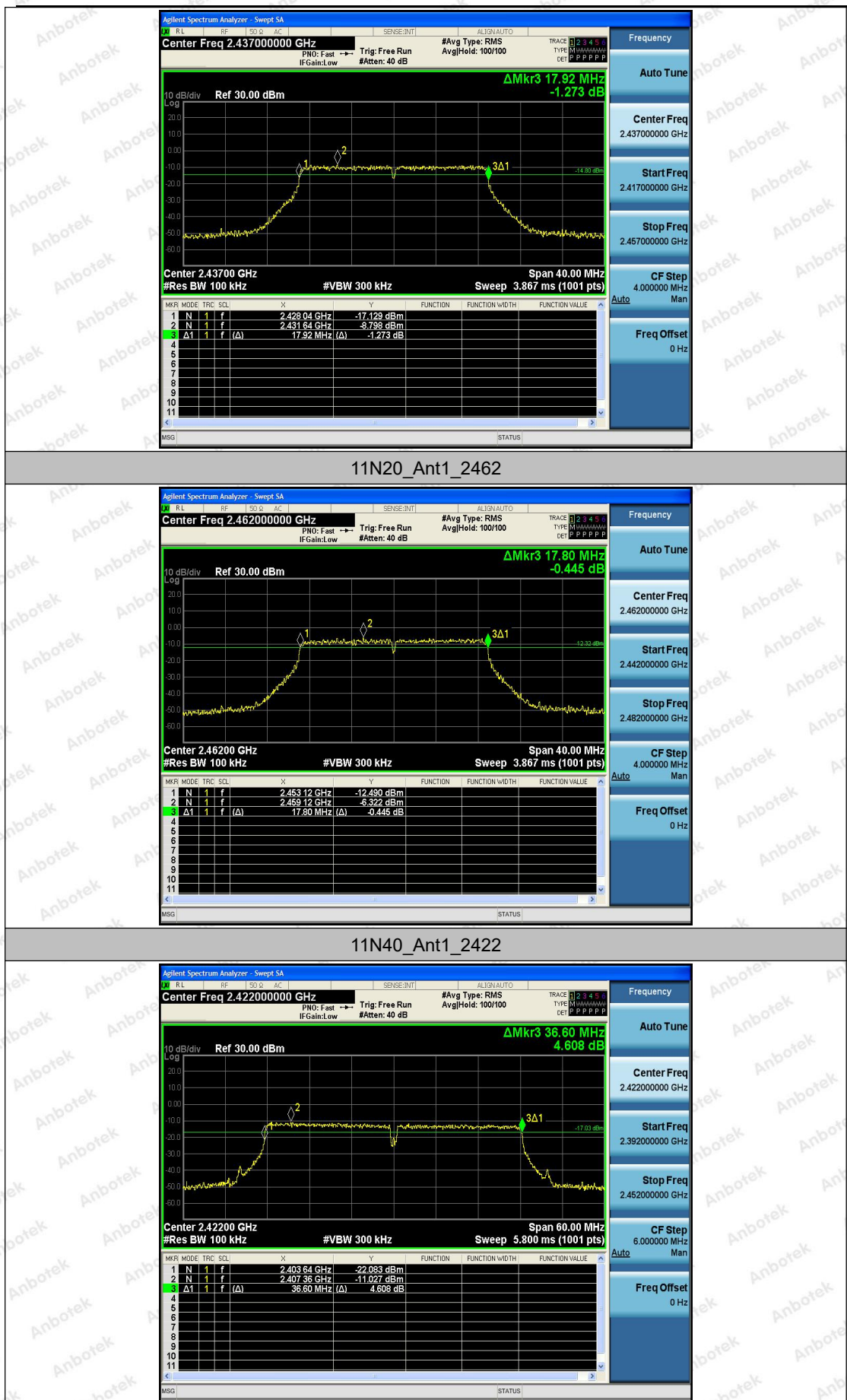
11N20_Ant1_2437

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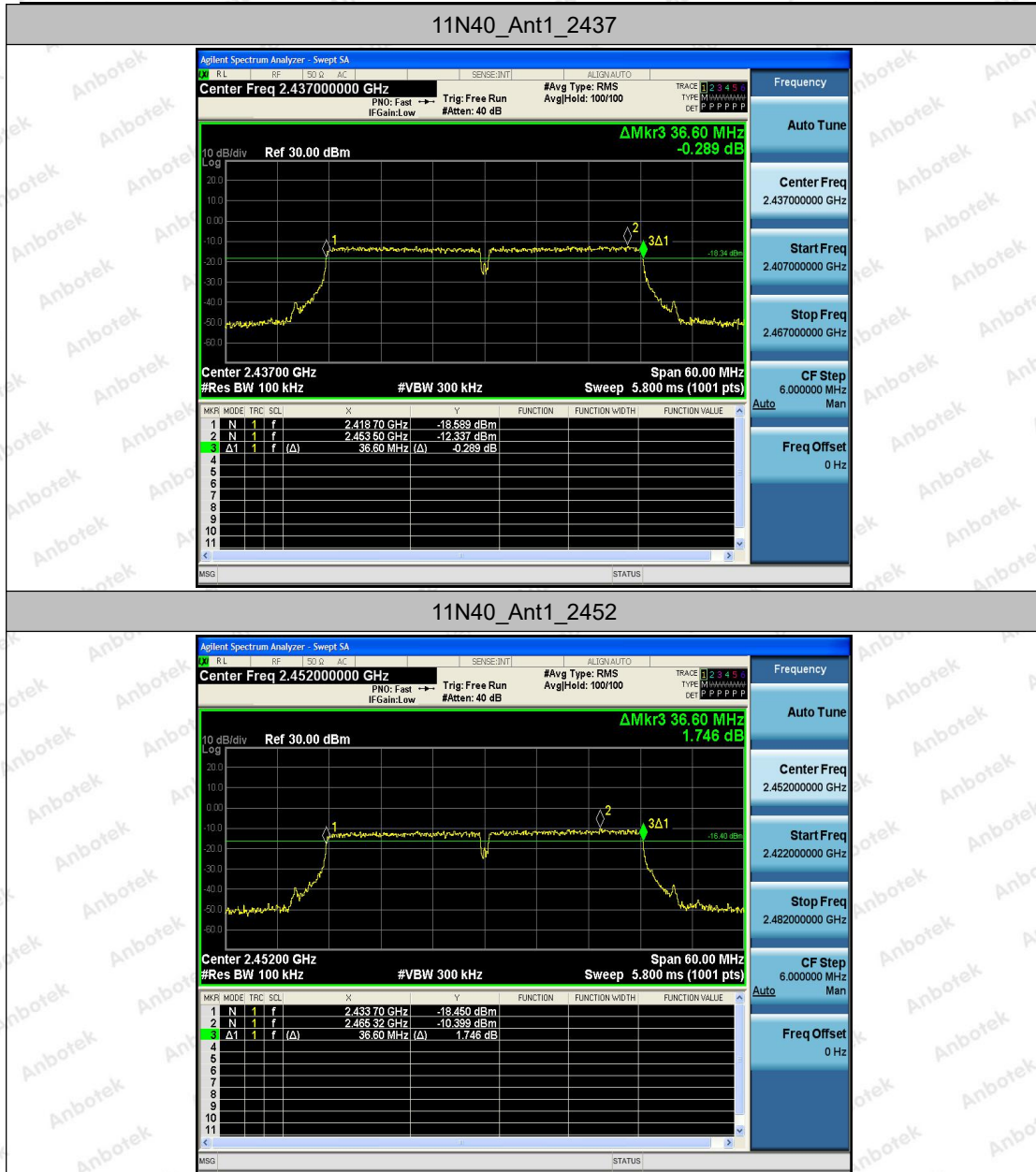
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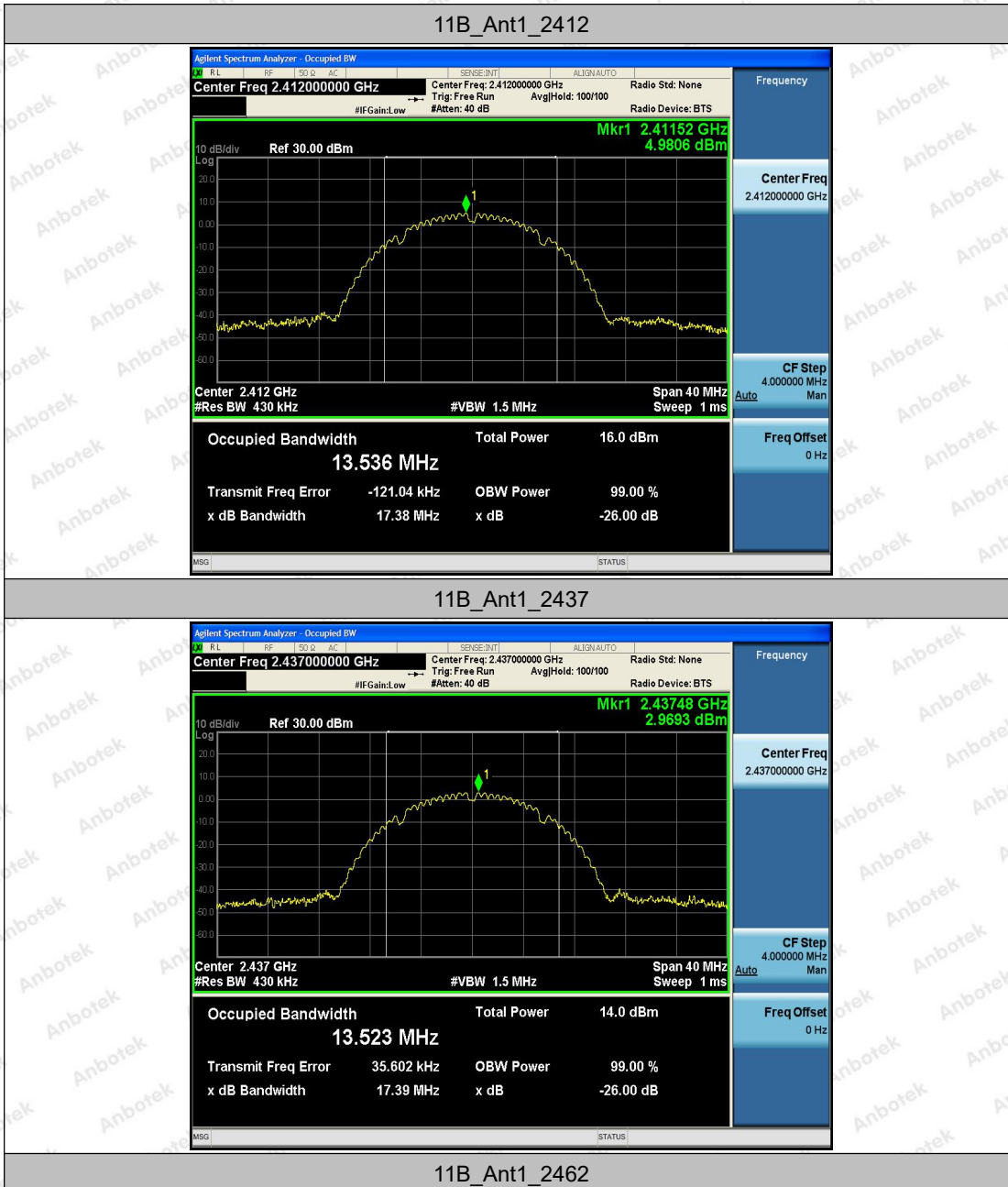
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.536	2405.111	2418.647	---	PASS
		2437	13.523	2430.274	2443.797	---	PASS
		2462	13.453	2455.357	2468.810	---	PASS
11G	Ant1	2412	17.104	2403.274	2420.378	---	PASS
		2437	17.154	2428.313	2445.467	---	PASS
		2462	17.026	2453.467	2470.493	---	PASS
11N20	Ant1	2412	18.058	2402.868	2420.926	---	PASS
		2437	18.116	2427.935	2446.051	---	PASS
		2462	18.073	2452.988	2471.061	---	PASS
11N40	Ant1	2422	36.379	2403.750	2440.129	---	PASS
		2437	36.310	2418.845	2455.155	---	PASS
		2452	36.279	2433.974	2470.253	---	PASS

Test Graphs

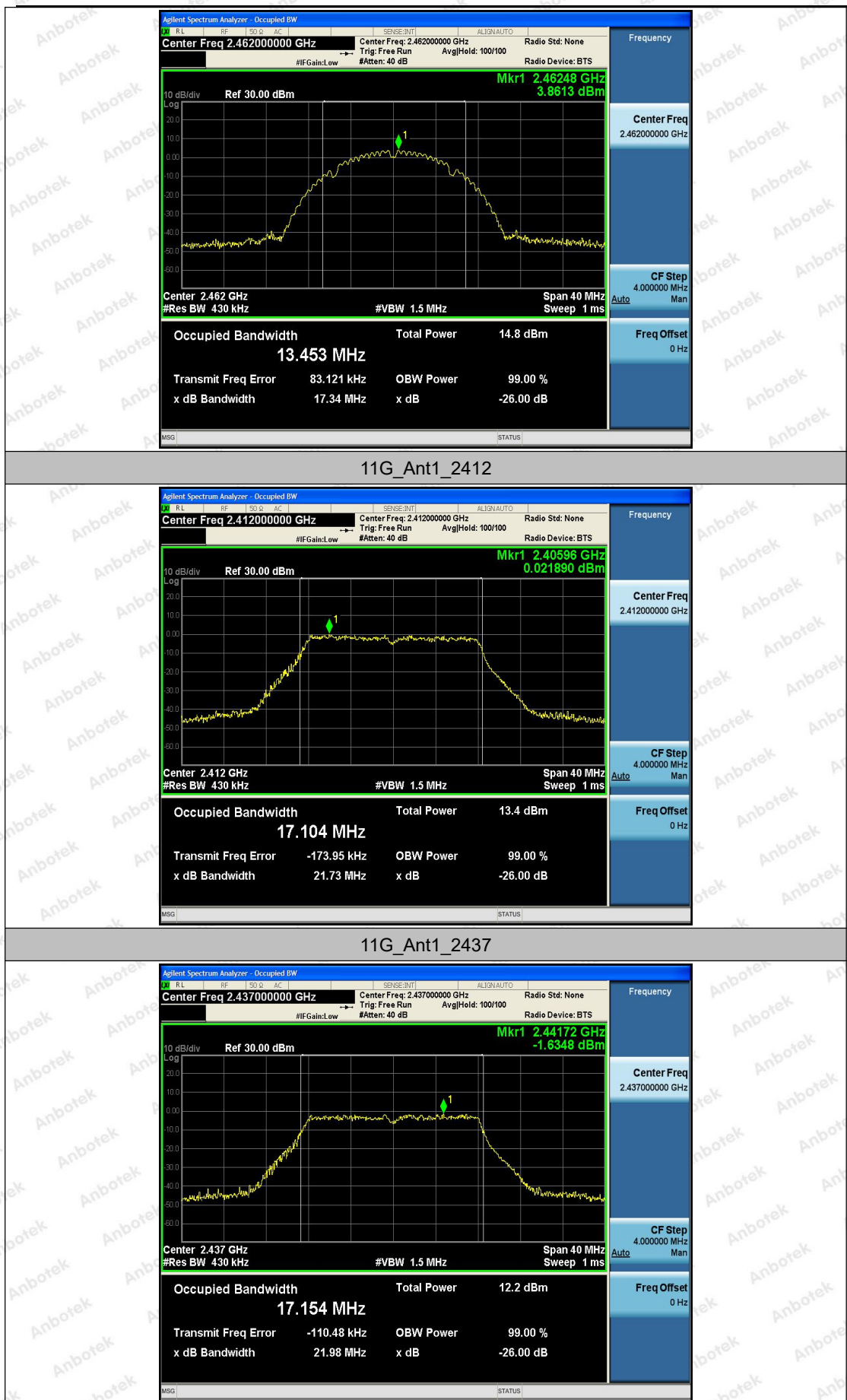


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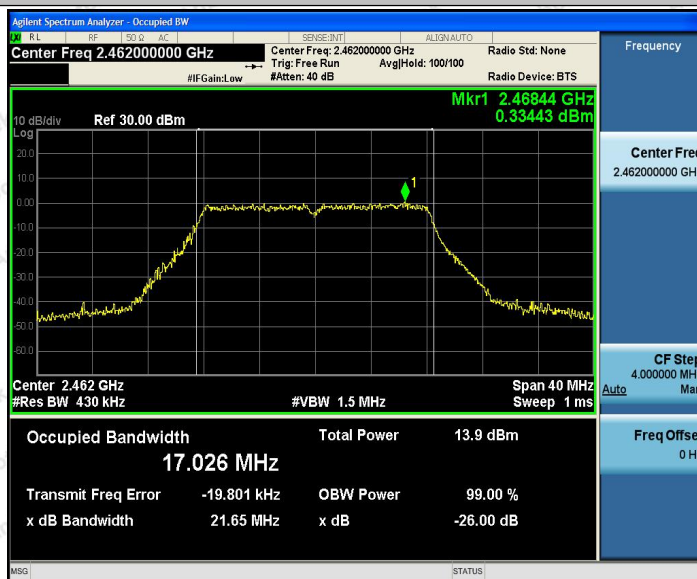
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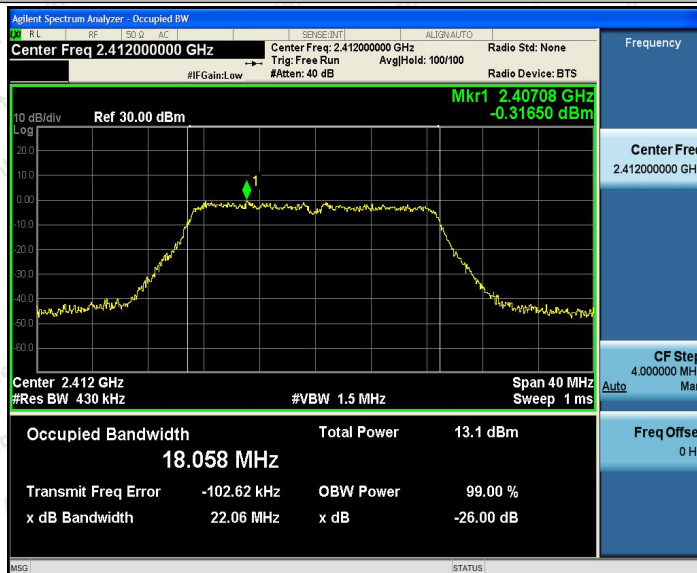
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11G_Ant1_2462



11N20_Ant1_2412



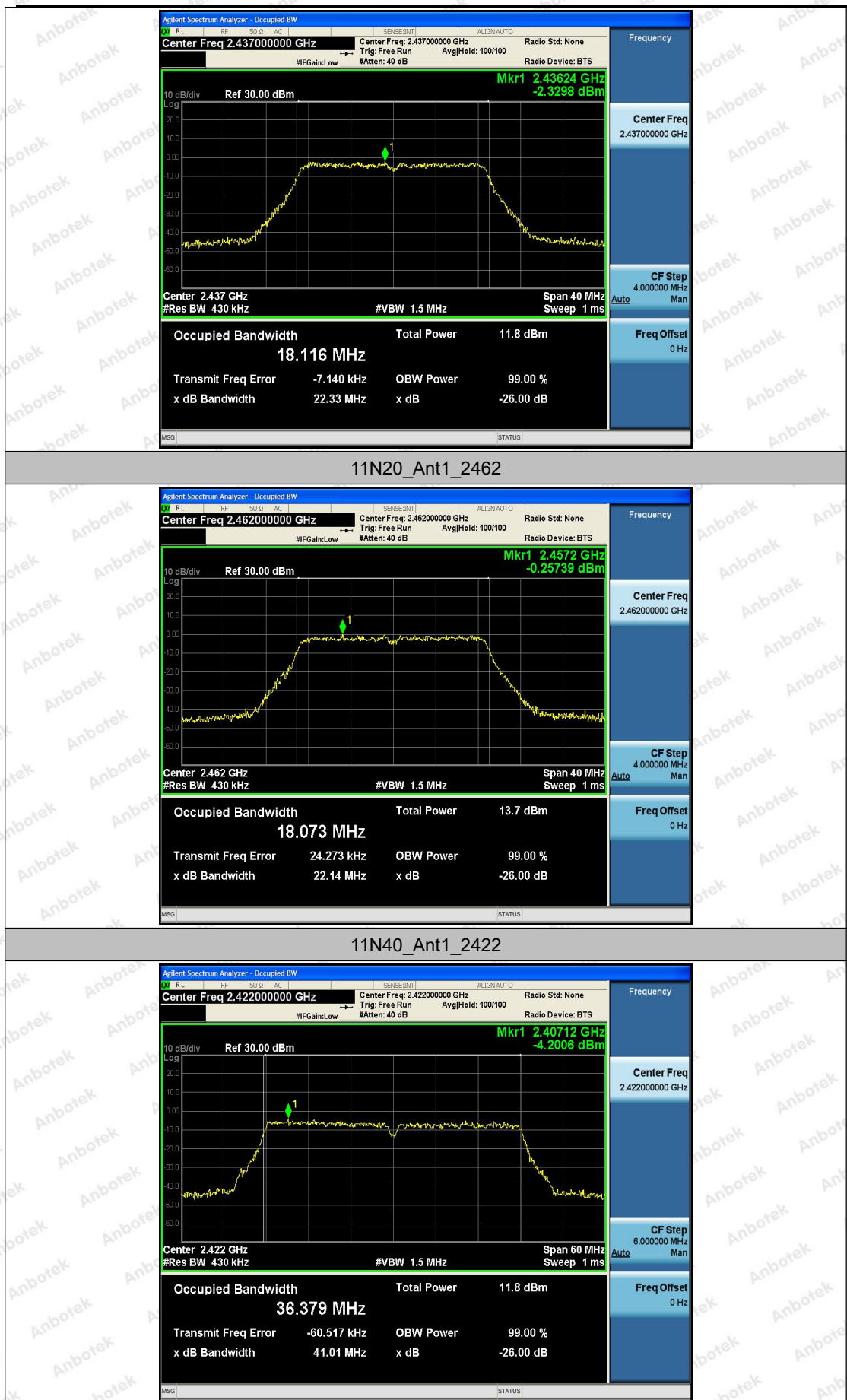
11N20_Ant1_2437

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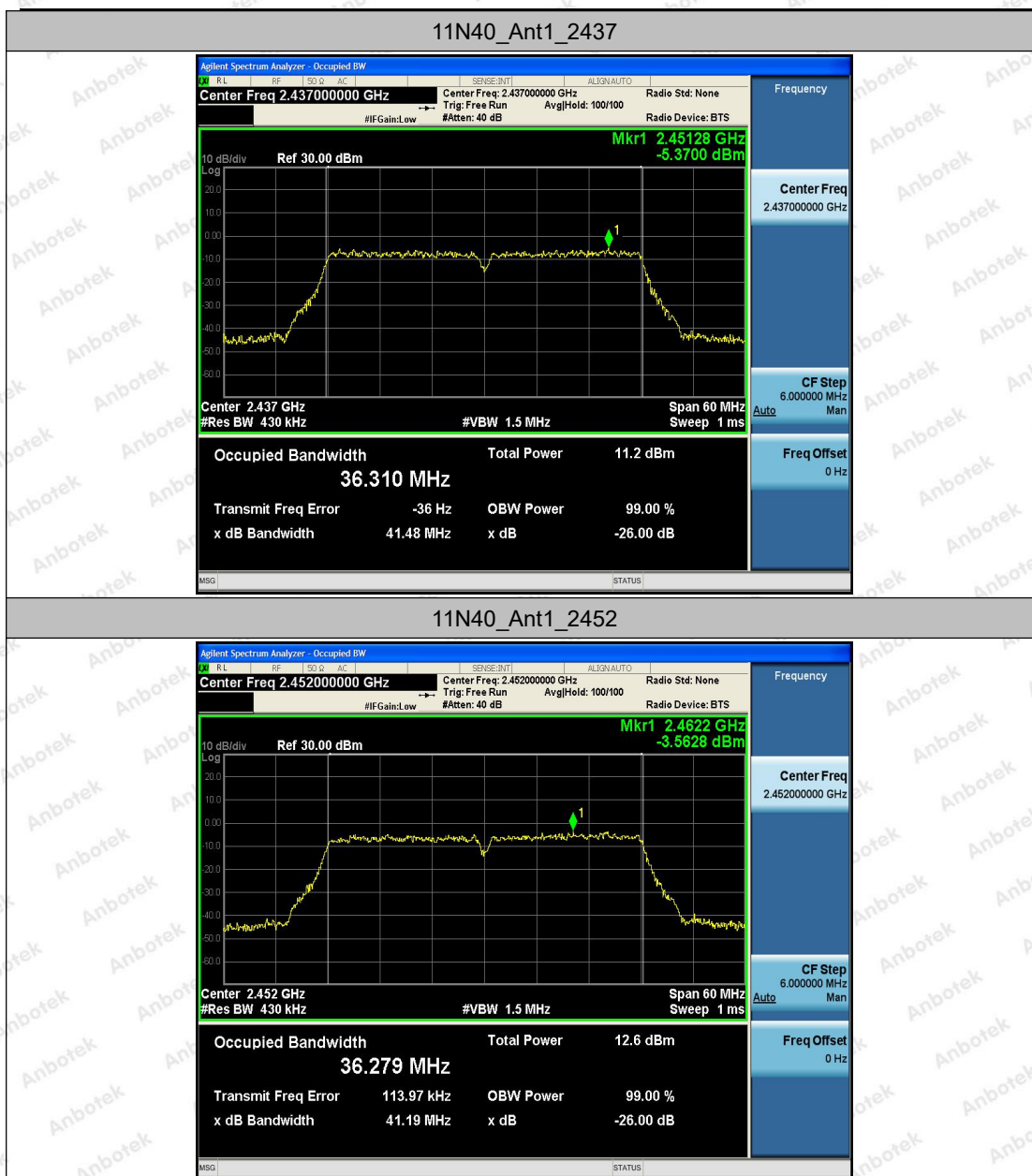


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Appendix C: Maximum conducted output power

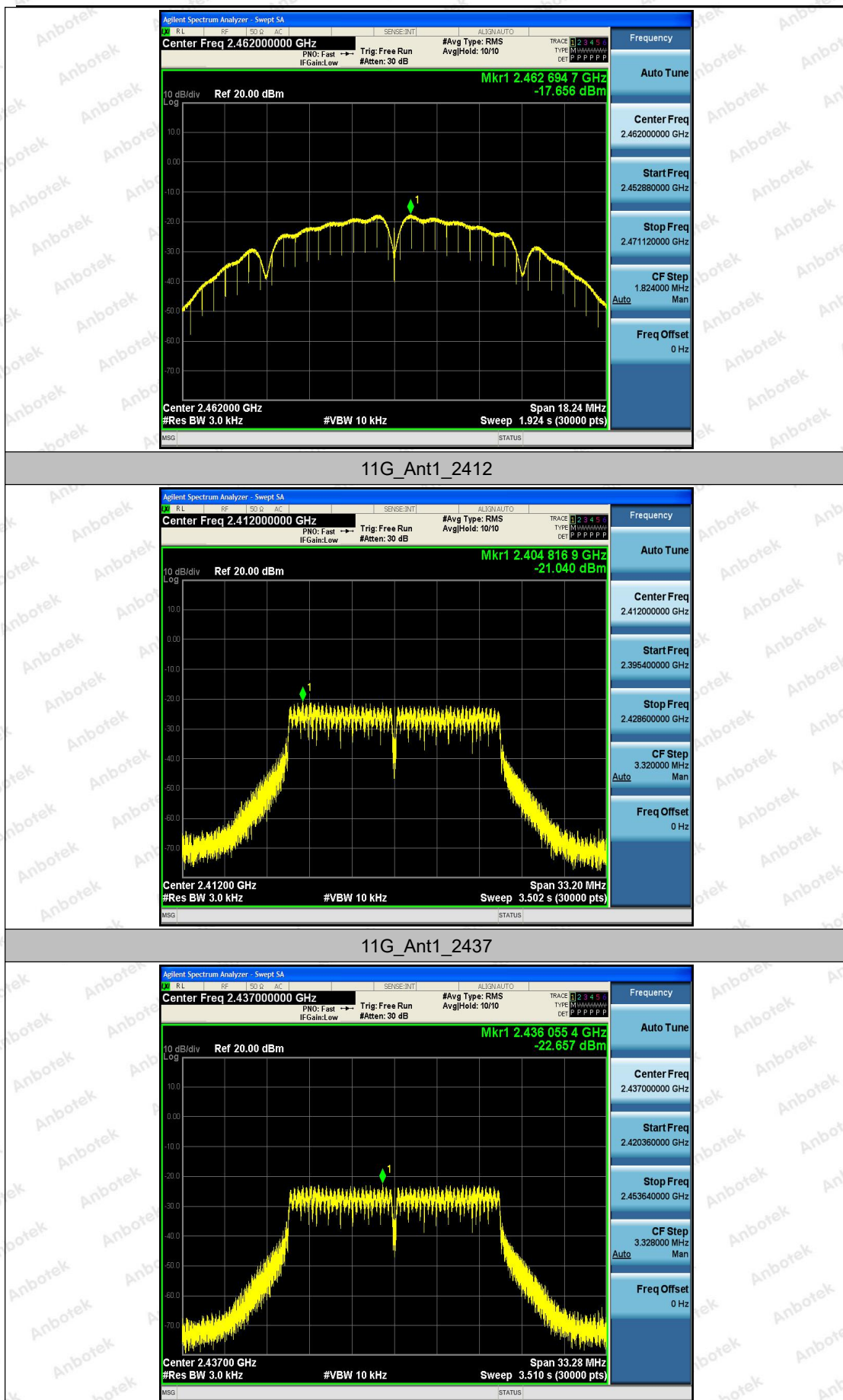
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.88	≤30	PASS
		2437	13.96	≤30	PASS
		2462	14.77	≤30	PASS
11G	Ant1	2412	14.44	≤30	PASS
		2437	13.04	≤30	PASS
		2462	14.96	≤30	PASS
11N20	Ant1	2412	14.14	≤30	PASS
		2437	12.91	≤30	PASS
		2462	14.94	≤30	PASS
11N40	Ant1	2422	10.03	≤30	PASS
		2437	9.46	≤30	PASS
		2452	10.92	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.66	≤8	PASS
		2437	-18.53	≤8	PASS
		2462	-17.66	≤8	PASS
11G	Ant1	2412	-21.04	≤8	PASS
		2437	-22.66	≤8	PASS
		2462	-20.62	≤8	PASS
11N20	Ant1	2412	-20.45	≤8	PASS
		2437	-22.36	≤8	PASS
		2462	-20.52	≤8	PASS
11N40	Ant1	2422	-22.88	≤8	PASS
		2437	-23.34	≤8	PASS
		2452	-21.63	≤8	PASS

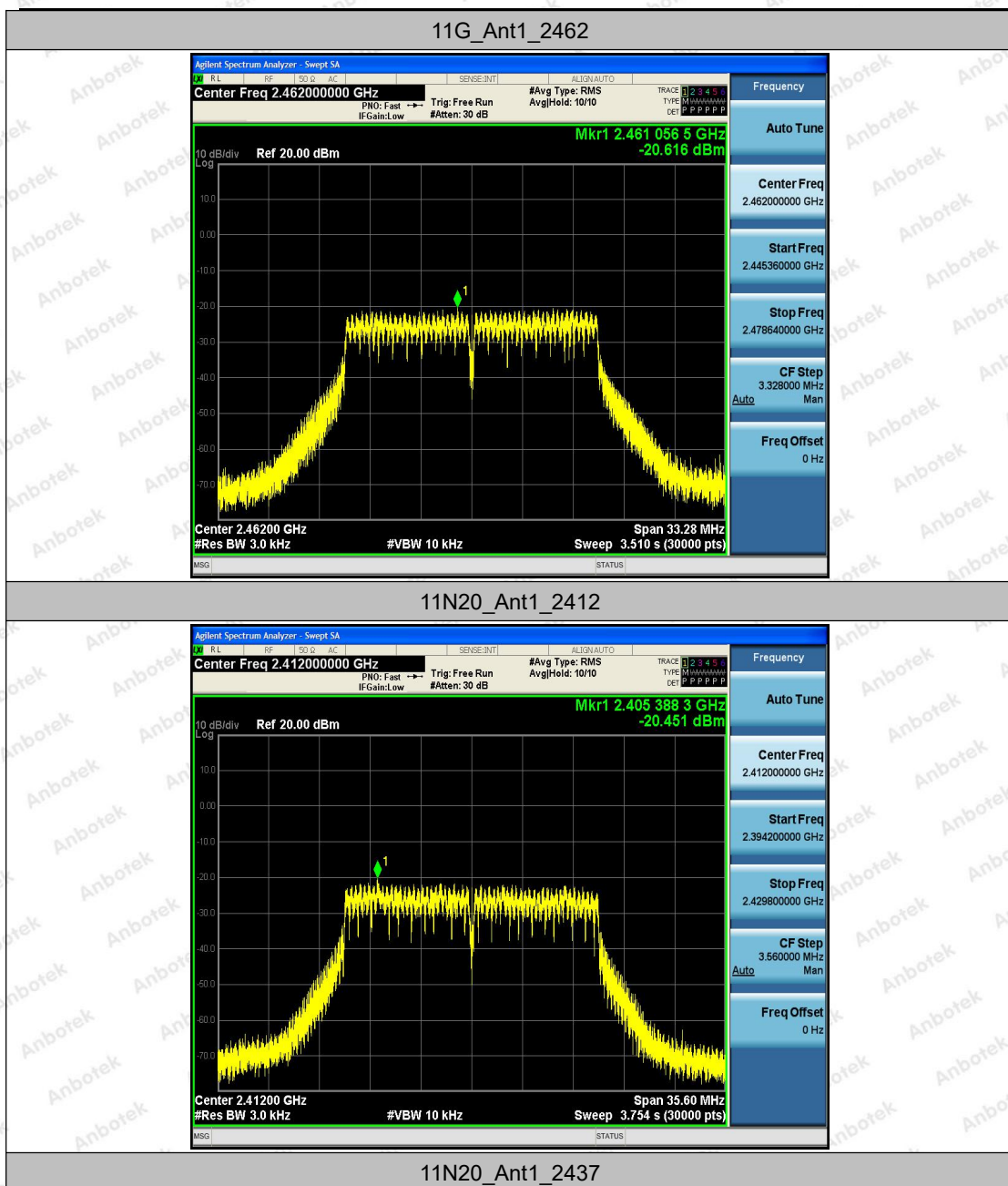


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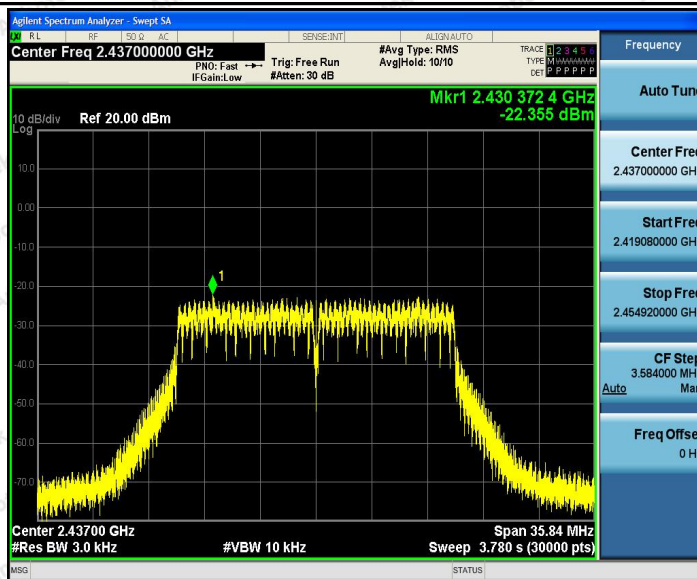


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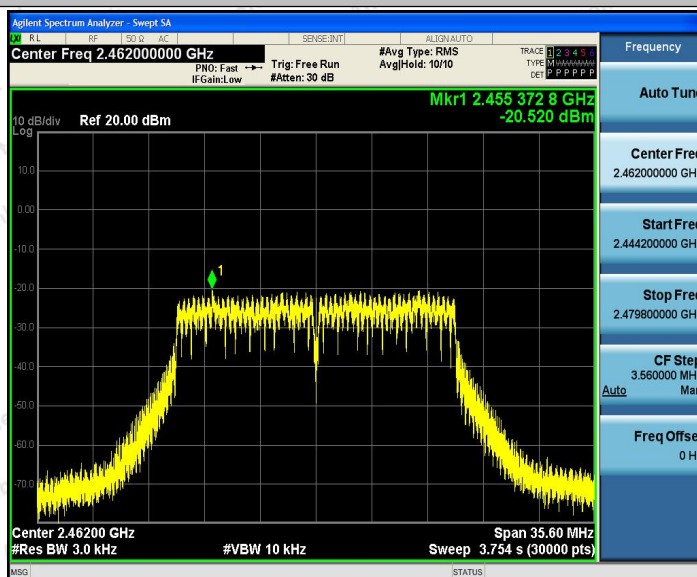
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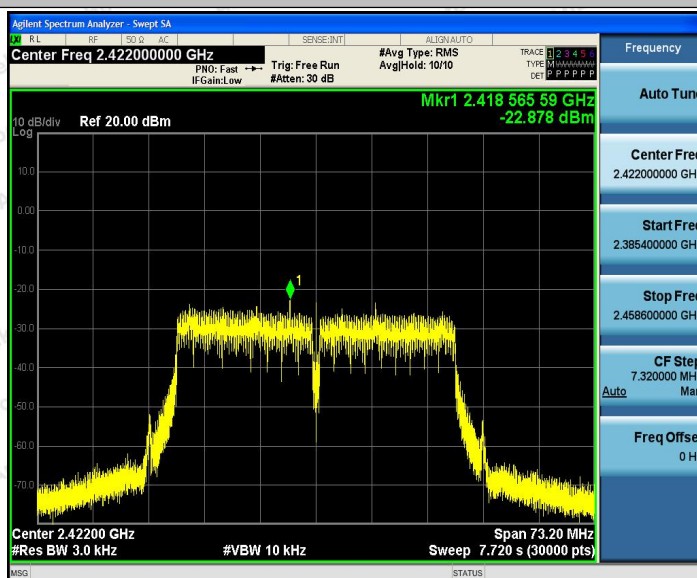
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11N20_Ant1_2462



11N40_Ant1_2422

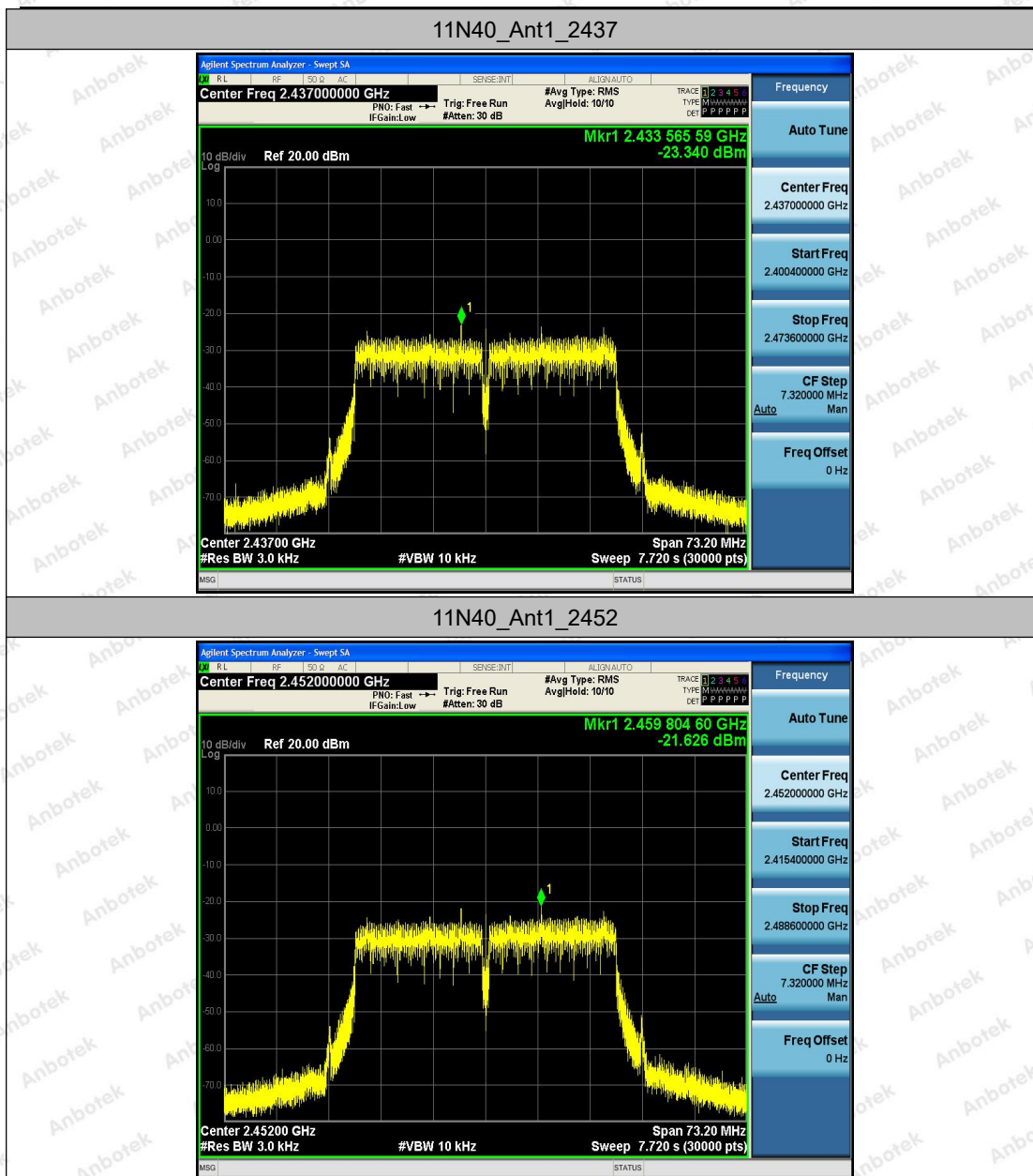


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