

Appendix Test Data

Report No.:	18220WC10245301	Test Date:	2021.11.8
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	9.680	2407.400	2417.080	≥0.5	PASS
		2437	10.120	2431.960	2442.080	≥0.5	PASS
		2462	9.600	2457.440	2467.040	≥0.5	PASS
11G	Ant1	2412	15.840	2404.080	2419.920	≥0.5	PASS
		2437	15.520	2429.440	2444.960	≥0.5	PASS
		2462	15.480	2454.480	2469.960	≥0.5	PASS
11N20	Ant1	2412	15.120	2404.440	2419.560	≥0.5	PASS
		2437	13.000	2431.560	2444.560	≥0.5	PASS
		2462	16.000	2454.440	2470.440	≥0.5	PASS
11N40	Ant1	2422	35.280	2404.360	2439.640	≥0.5	PASS
		2437	35.160	2419.480	2454.640	≥0.5	PASS
		2452	35.340	2434.480	2469.820	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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11G_Ant1_2412



11G_Ant1_2437



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11G_Ant1_2462



11N20_Ant1_2412



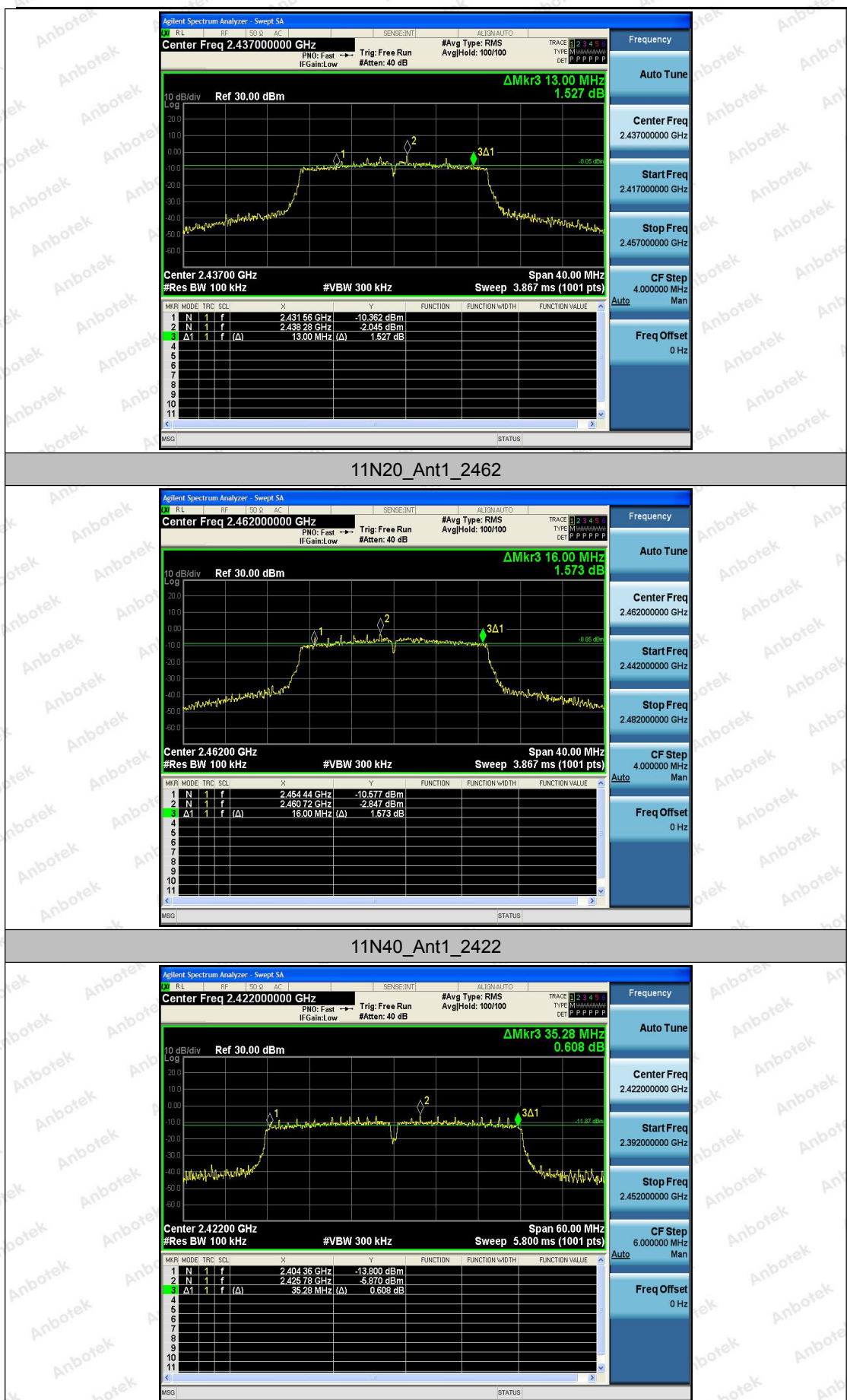
11N20_Ant1_2437

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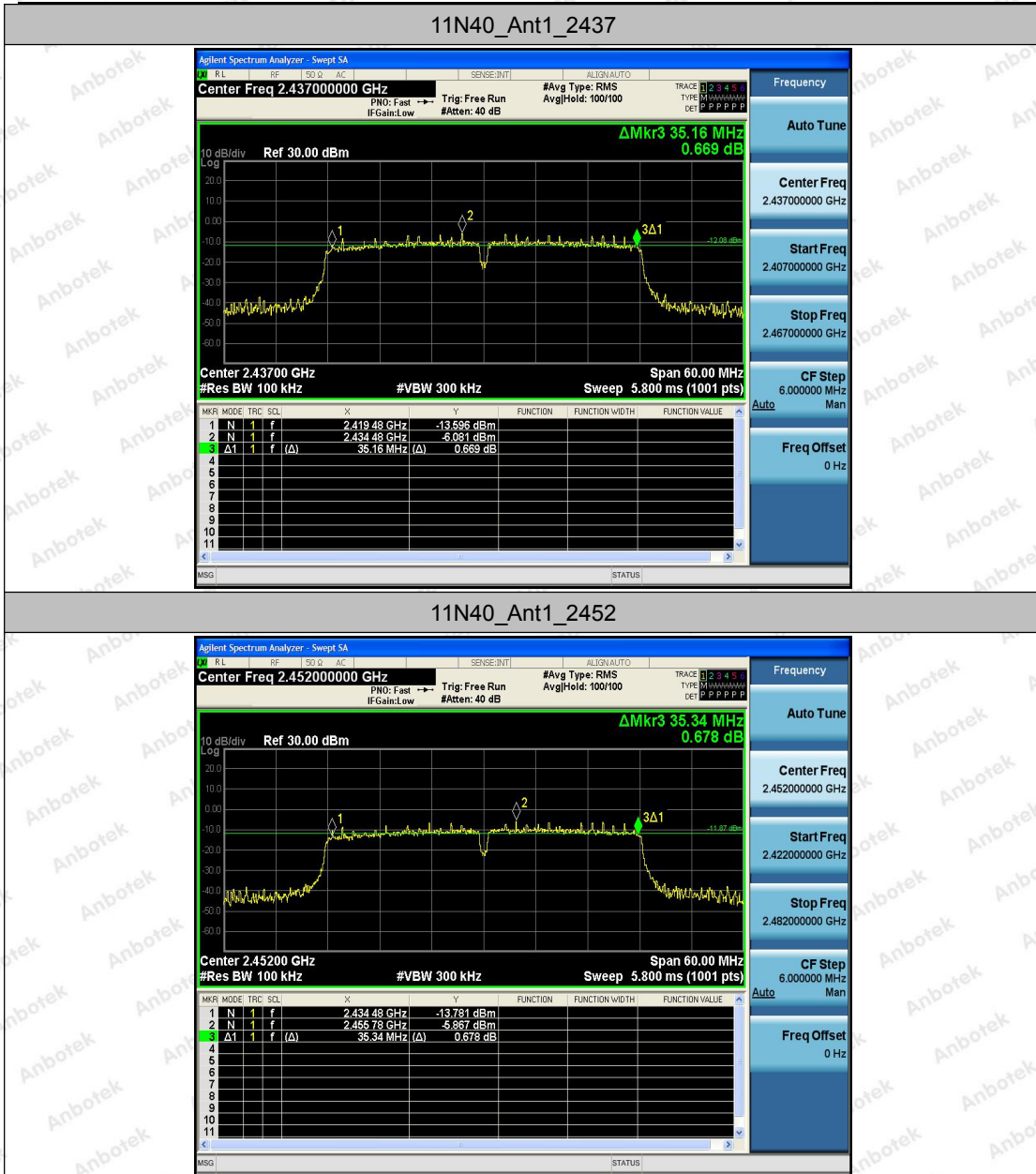


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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.523	2405.770	2418.293	---	PASS
		2437	12.536	2430.772	2443.308	---	PASS
		2462	12.577	2455.789	2468.366	---	PASS
11G	Ant1	2412	16.829	2403.613	2420.442	---	PASS
		2437	16.820	2428.616	2445.436	---	PASS
		2462	16.877	2453.611	2470.488	---	PASS
11N20	Ant1	2412	17.739	2403.138	2420.877	---	PASS
		2437	17.763	2428.146	2445.909	---	PASS
		2462	17.780	2453.157	2470.937	---	PASS
11N40	Ant1	2422	35.958	2404.058	2440.016	---	PASS
		2437	36.010	2419.040	2455.050	---	PASS
		2452	35.980	2434.138	2470.118	---	PASS

Test Graphs

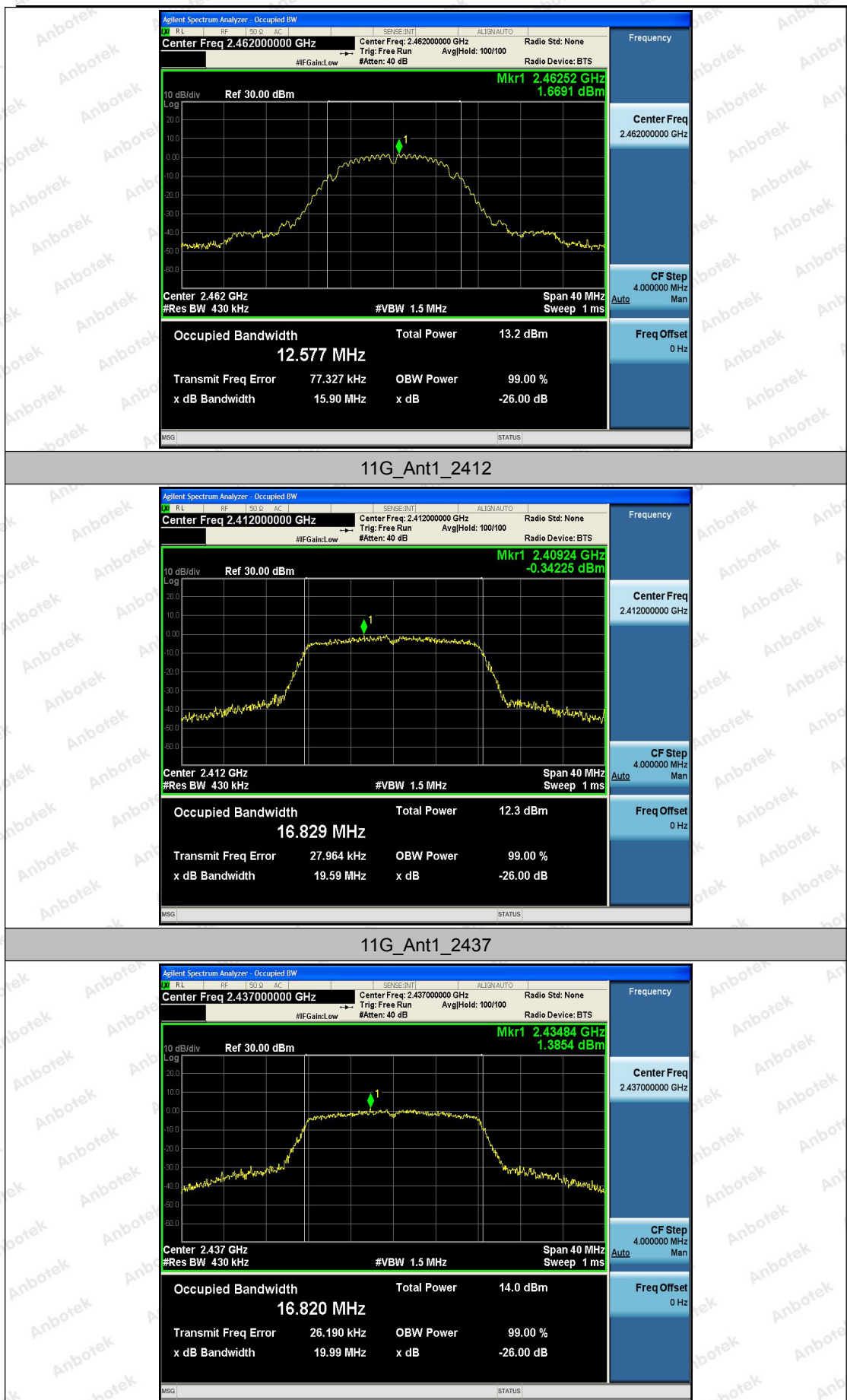


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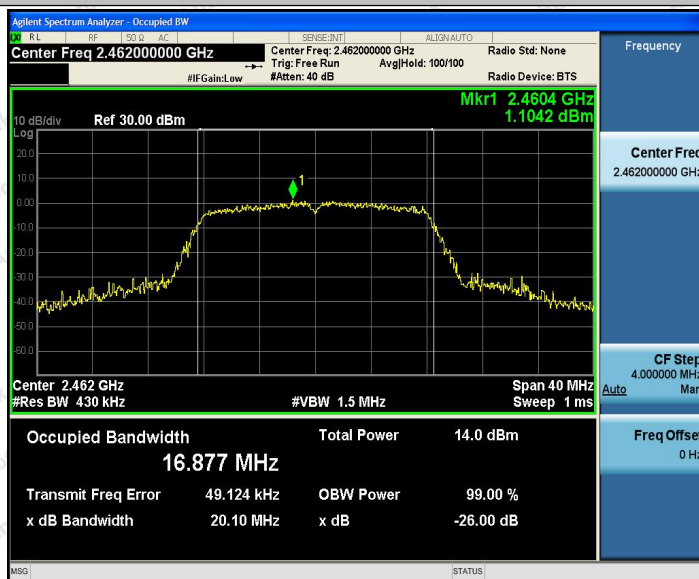
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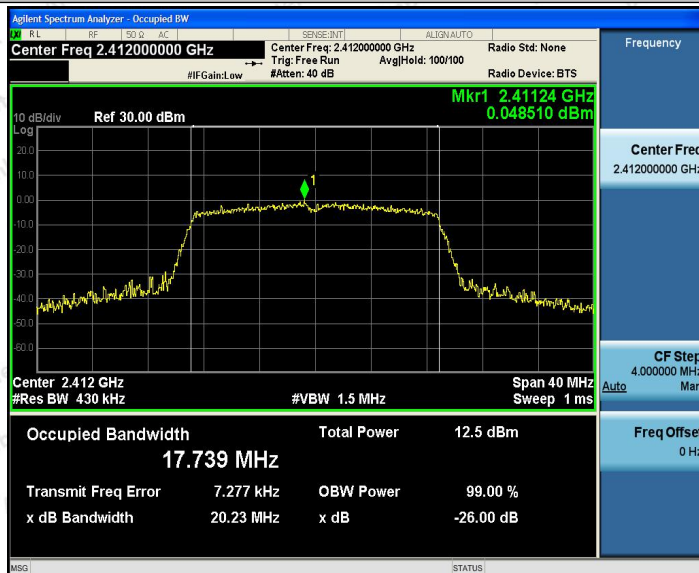
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11G_Ant1_2462



11N20_Ant1_2412



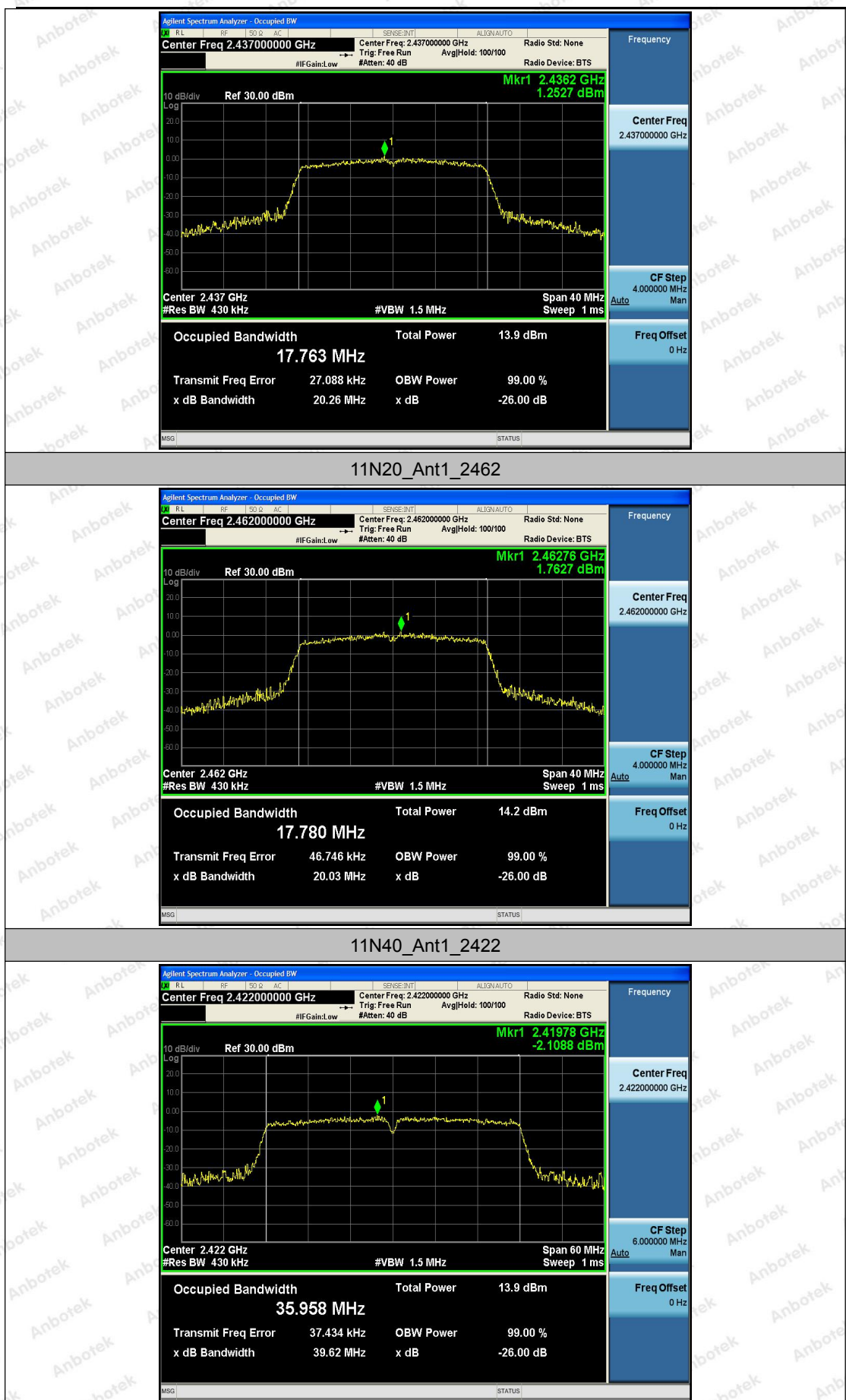
11N20_Ant1_2437

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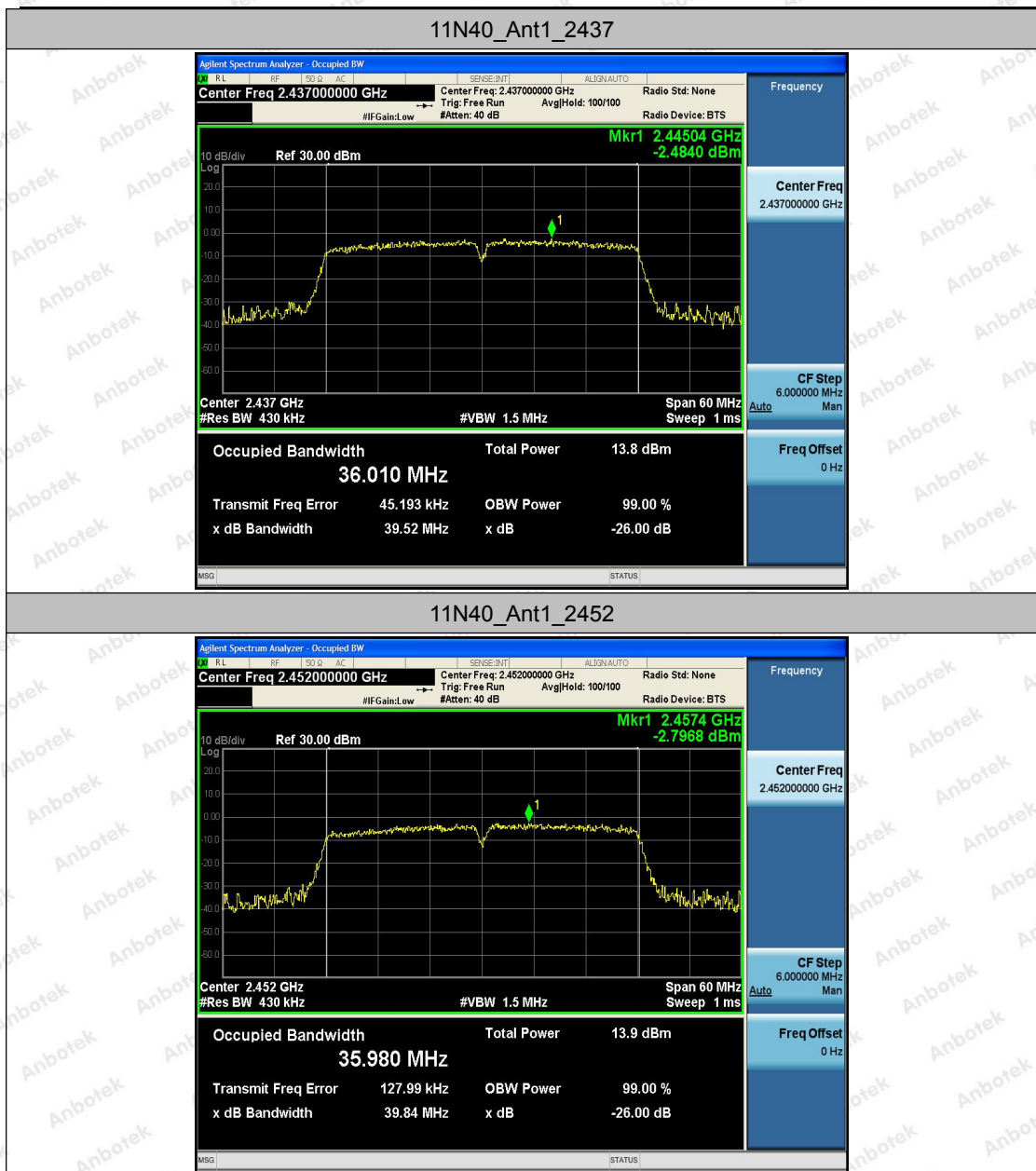


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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	13.21	≤30	PASS
		2437	12.81	≤30	PASS
		2462	13.13	≤30	PASS
11G	Ant1	2412	13.39	≤30	PASS
		2437	15.07	≤30	PASS
		2462	15.10	≤30	PASS
11N20	Ant1	2412	13.61	≤30	PASS
		2437	14.94	≤30	PASS
		2462	15.34	≤30	PASS
11N40	Ant1	2422	13.10	≤30	PASS
		2437	12.83	≤30	PASS
		2452	12.80	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.29	≤8	PASS
		2437	-12.41	≤8	PASS
		2462	-9.72	≤8	PASS
11G	Ant1	2412	-18.11	≤8	PASS
		2437	-15.73	≤8	PASS
		2462	-17.15	≤8	PASS
11N20	Ant1	2412	-17.59	≤8	PASS
		2437	-16.58	≤8	PASS
		2462	-16.8	≤8	PASS
11N40	Ant1	2422	-19.67	≤8	PASS
		2437	-20.2	≤8	PASS
		2452	-19.72	≤8	PASS

Test Graphs

