

Appendix Test Data

Report No.:	18220WC20094101	Test Sample No.:	1-2-2
Start Test Date:	2022.4.28	Finish Test Date:	2022.4.29
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	56 %
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	2407.440	2416.600	≥0.5	PASS
		2437	9.600	2431.960	2441.560	≥0.5	PASS
		2462	9.680	2456.920	2466.600	≥0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	≥0.5	PASS
		2437	16.400	2428.800	2445.200	≥0.5	PASS
		2462	16.400	2453.800	2470.200	≥0.5	PASS
11N20	Ant1	2412	17.640	2403.200	2420.840	≥0.5	PASS
		2437	17.640	2428.200	2445.840	≥0.5	PASS
		2462	17.680	2453.160	2470.840	≥0.5	PASS
11N40	Ant1	2422	34.560	2405.680	2440.240	≥0.5	PASS
		2437	35.820	2419.360	2455.180	≥0.5	PASS
		2452	35.820	2434.180	2470.000	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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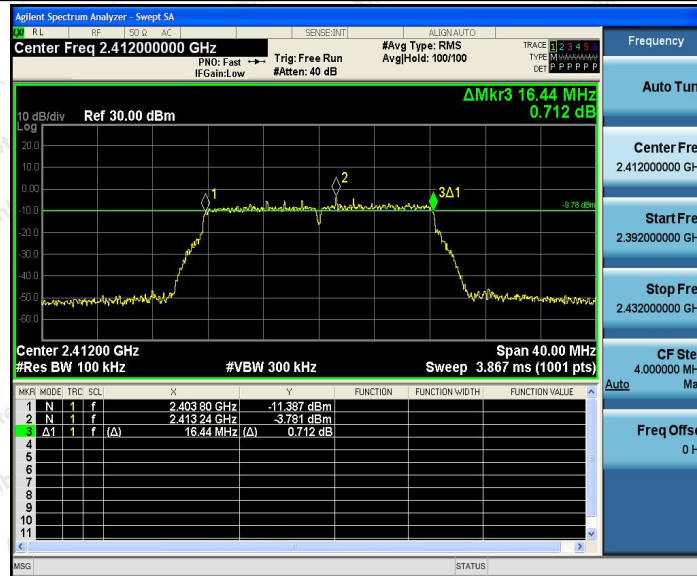
Hotline

400-003-0500

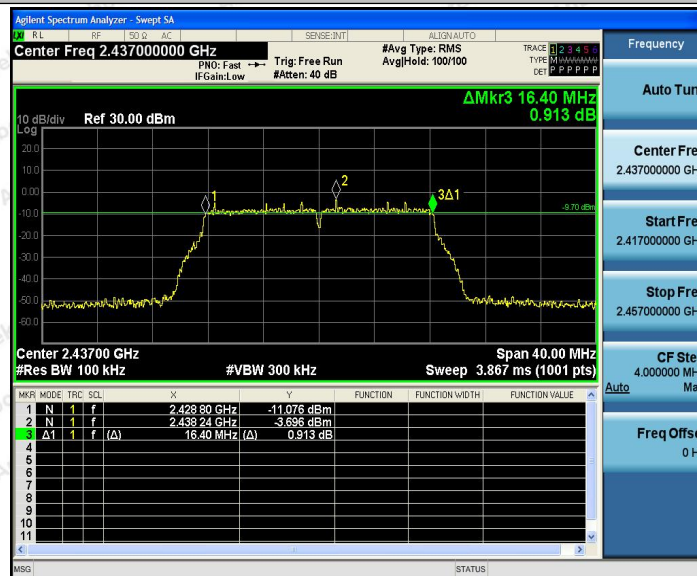
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11G_Ant1_2412



11G_Ant1_2437



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11G_Ant1_2462



11N20_Ant1_2412



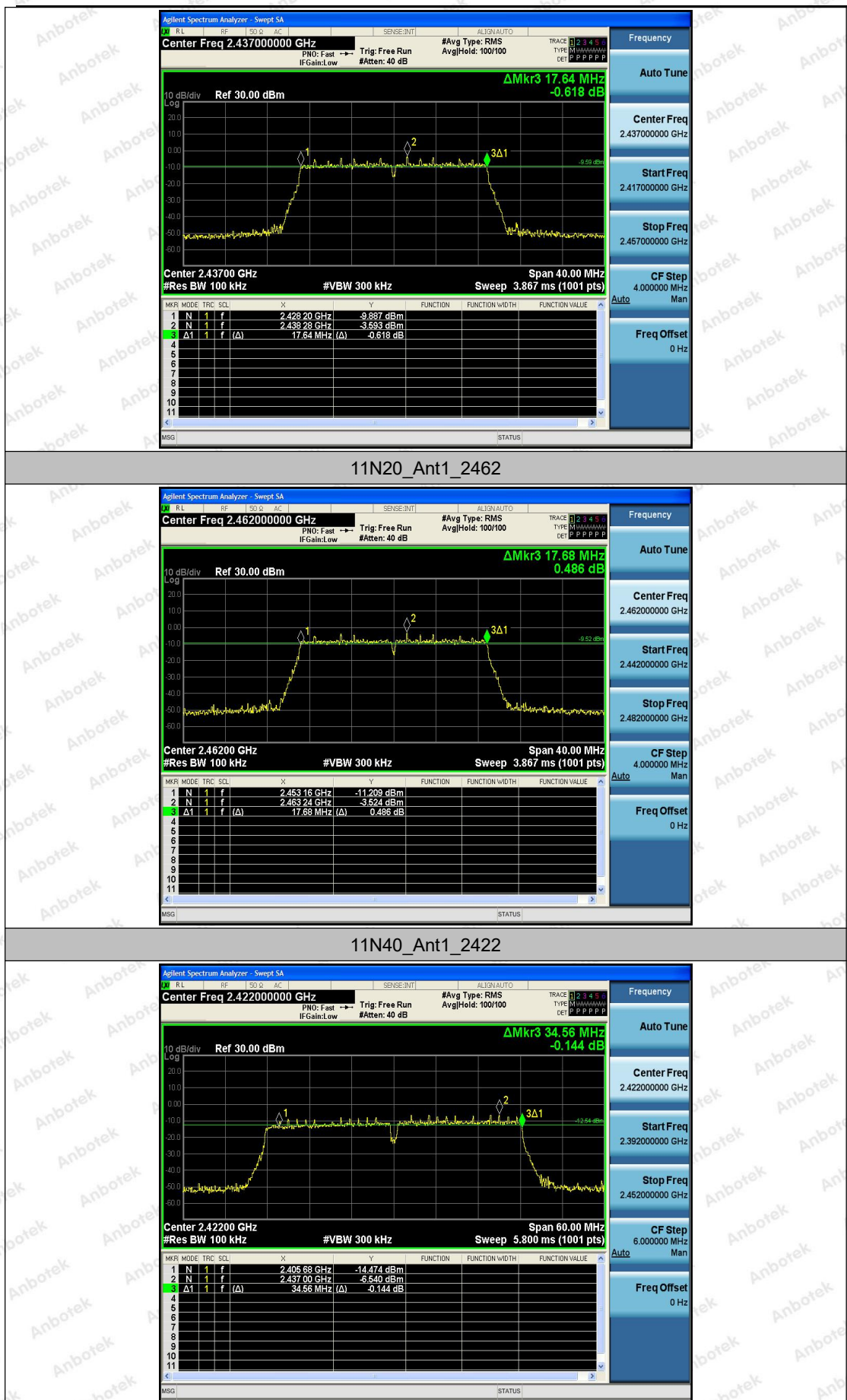
11N20_Ant1_2437

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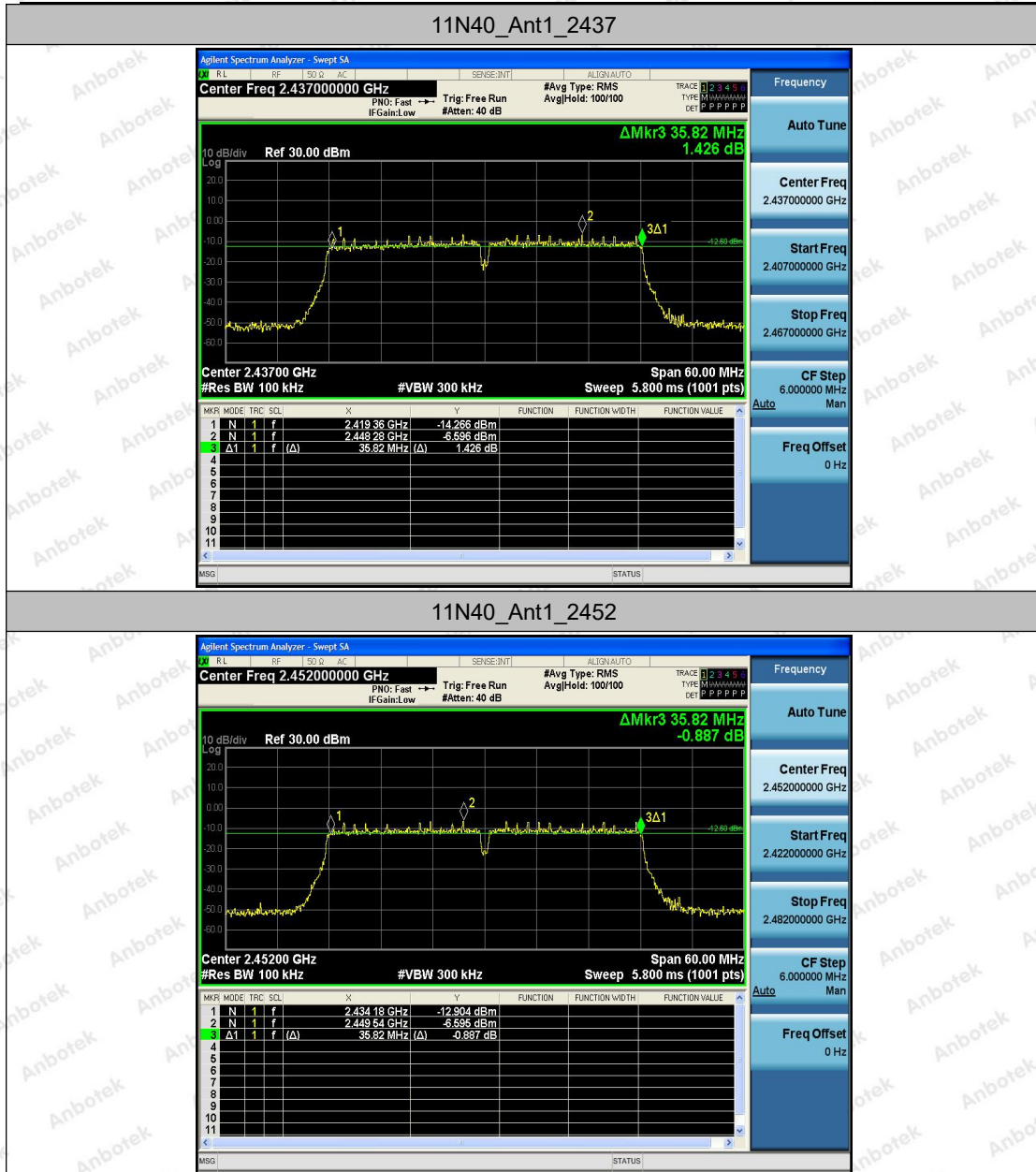


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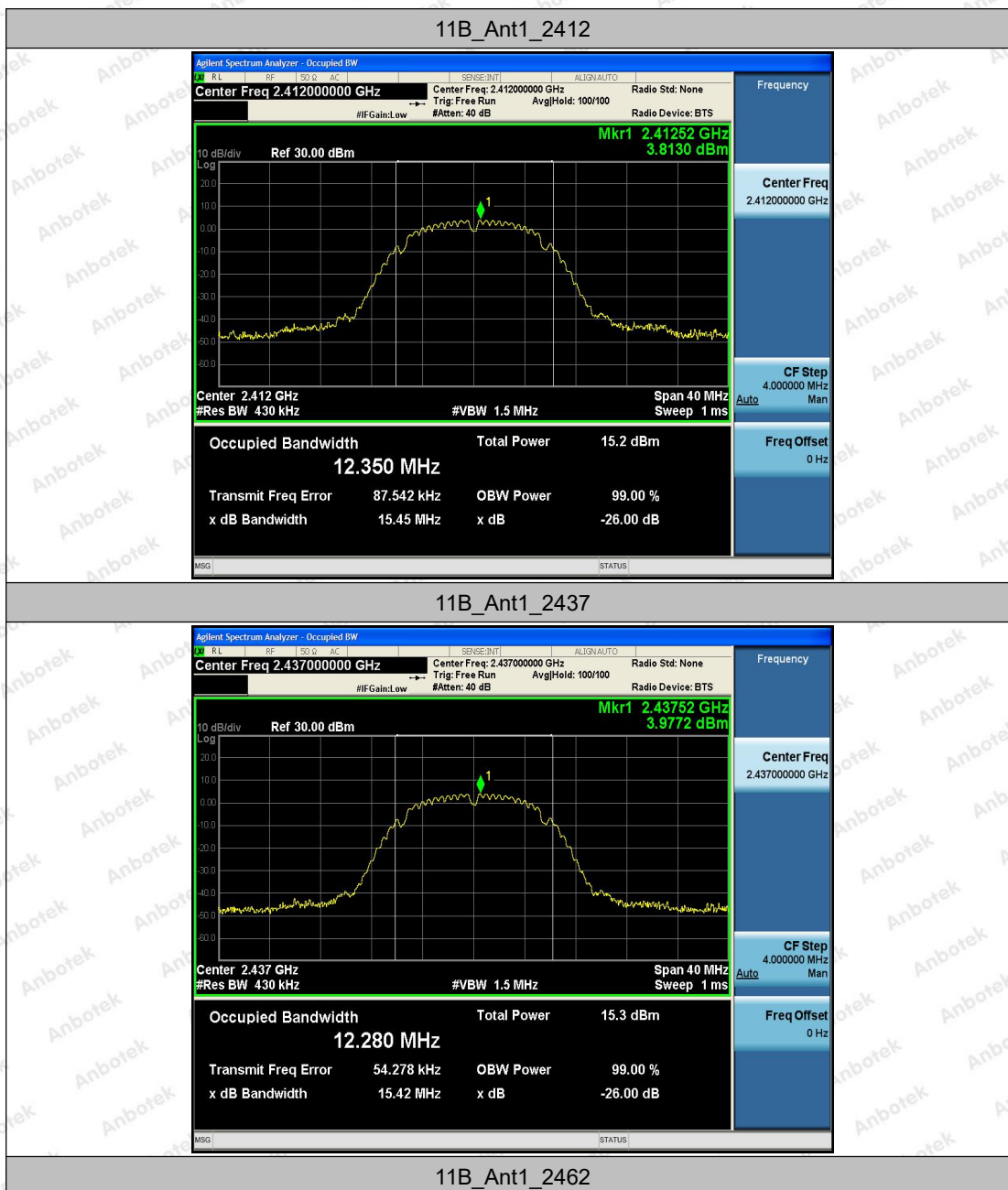
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.350	2405.913	2418.263	---	PASS
		2437	12.280	2430.914	2443.194	---	PASS
		2462	12.299	2455.875	2468.174	---	PASS
11G	Ant1	2412	17.105	2403.496	2420.601	---	PASS
		2437	16.977	2428.548	2445.525	---	PASS
		2462	17.089	2453.480	2470.569	---	PASS
11N20	Ant1	2412	18.012	2403.086	2421.098	---	PASS
		2437	17.915	2428.102	2446.017	---	PASS
		2462	18.033	2453.013	2471.046	---	PASS
11N40	Ant1	2422	36.209	2404.041	2440.250	---	PASS
		2437	36.079	2419.044	2455.123	---	PASS
		2452	36.180	2433.939	2470.119	---	PASS

Test Graphs

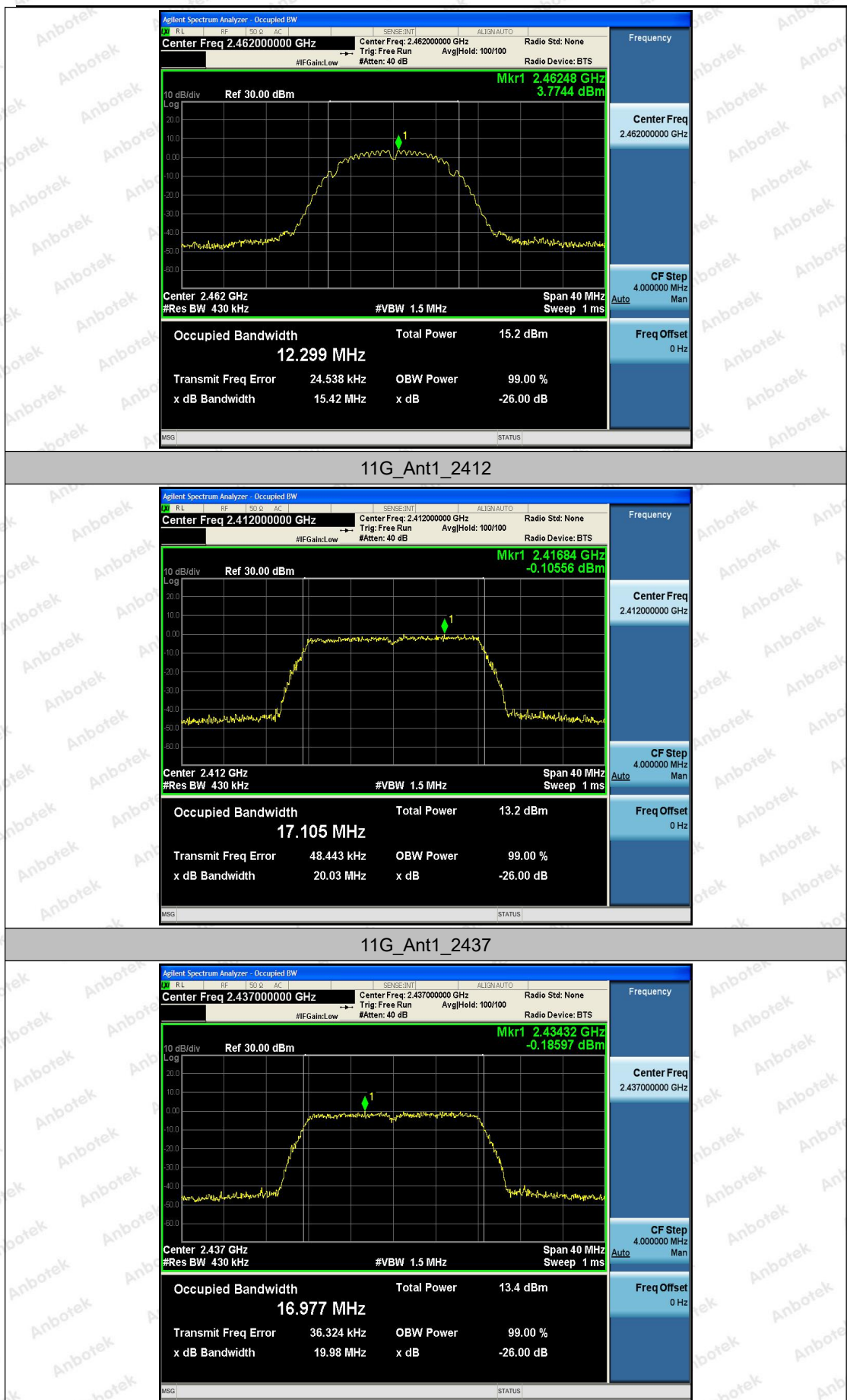


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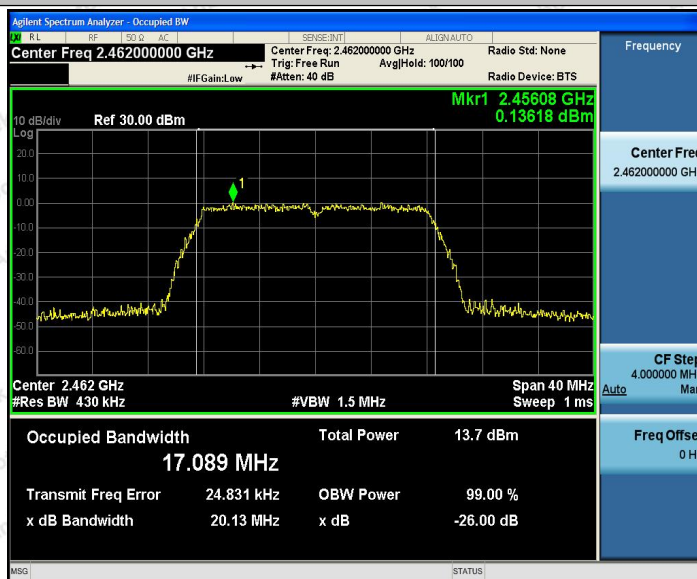
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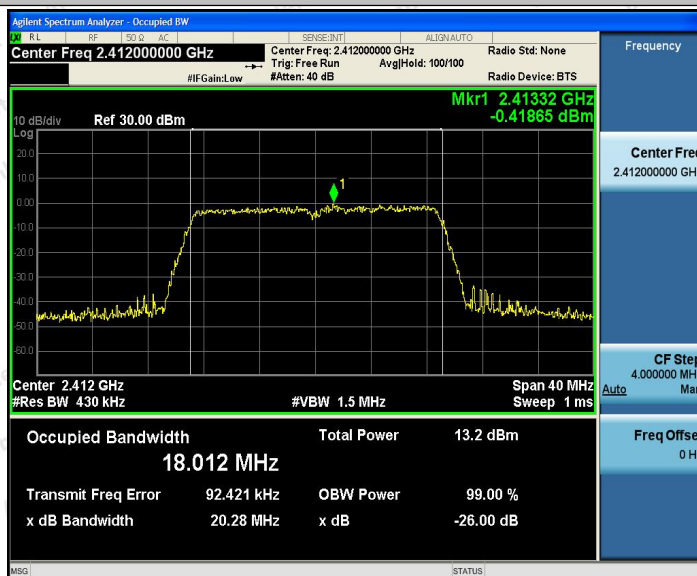
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11G_Ant1_2462



11N20_Ant1_2412



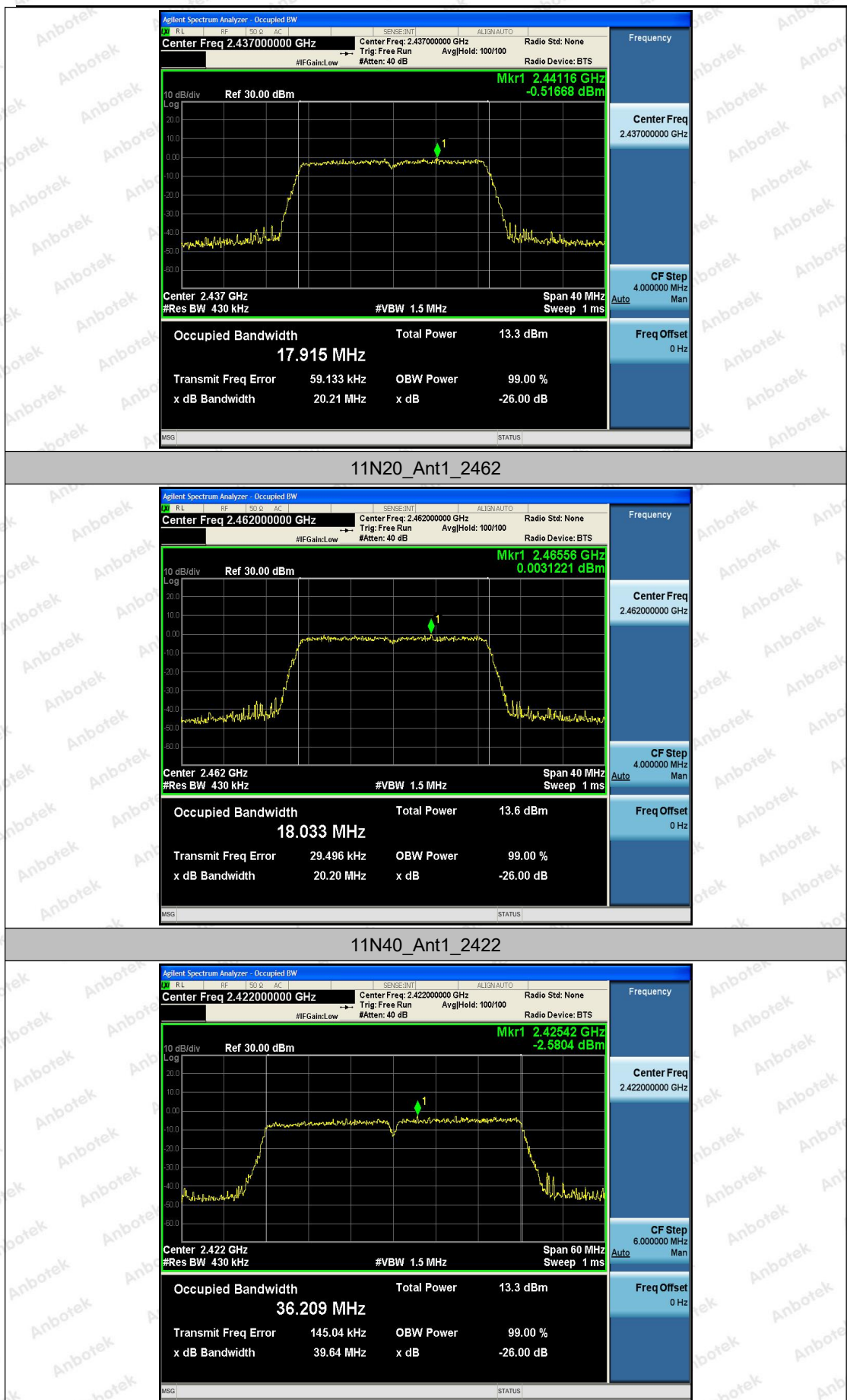
11N20_Ant1_2437

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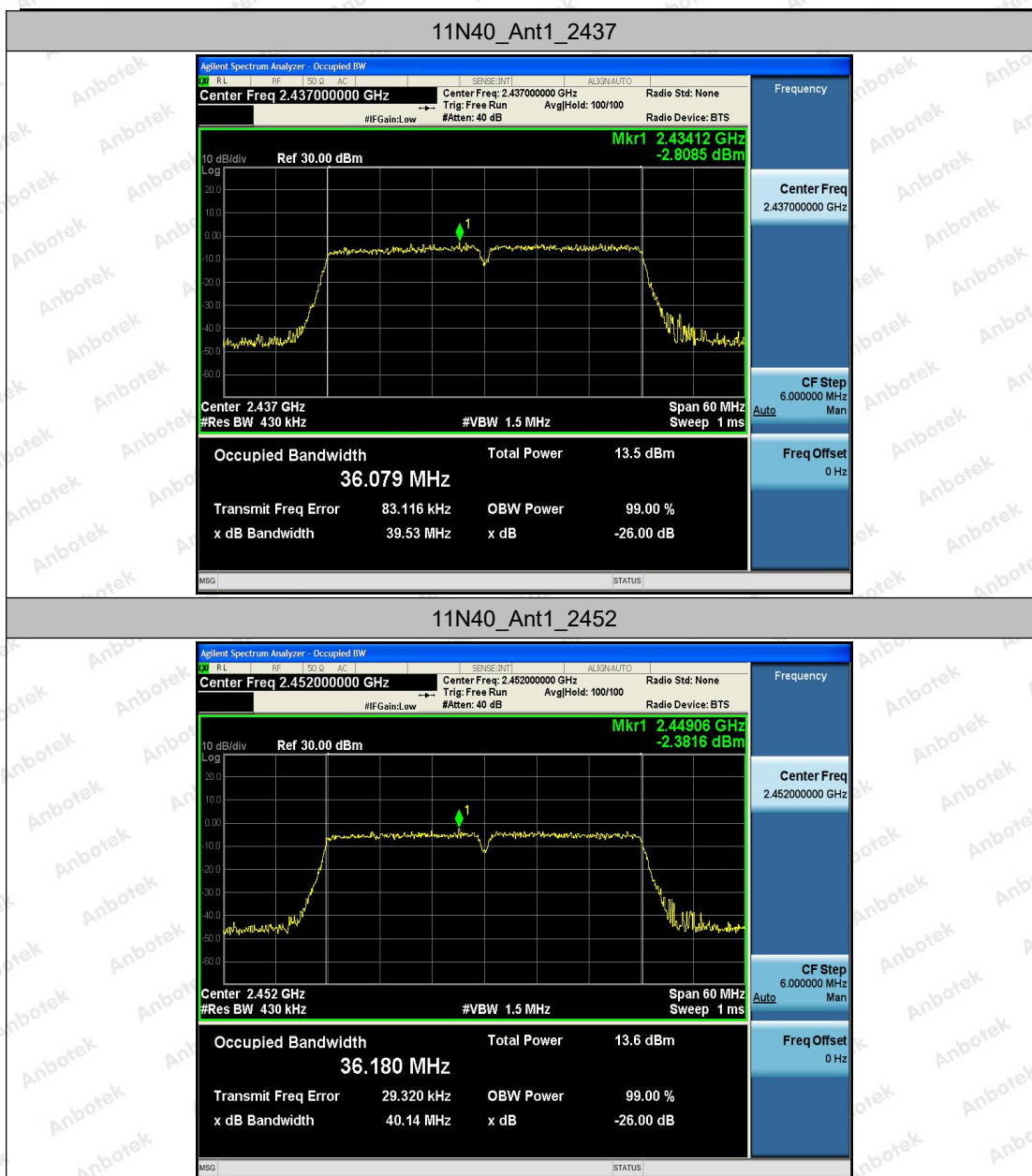


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Appendix C: Maximum conducted output power

Test Result

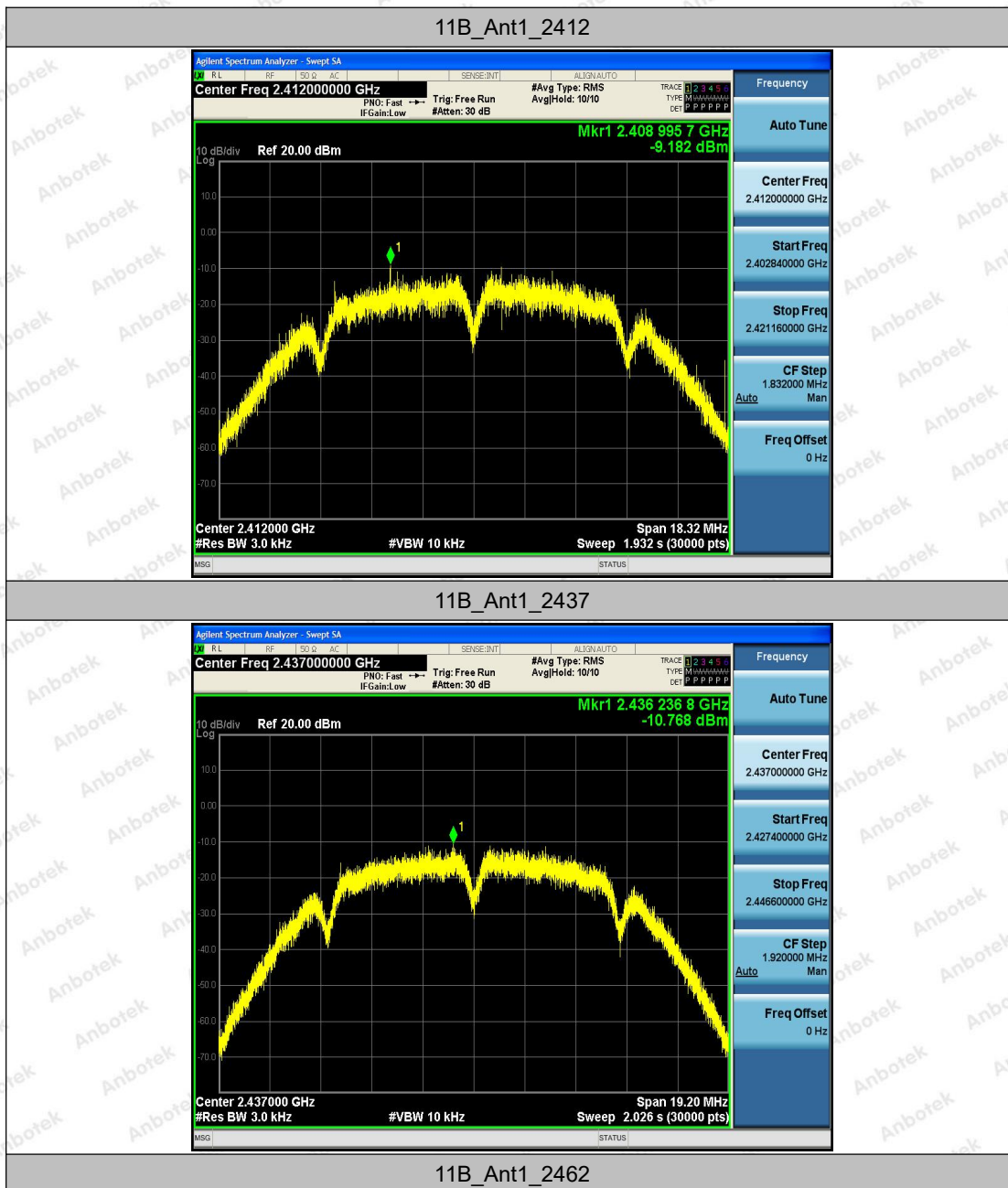
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.22	≤30	PASS
		2437	15.34	≤30	PASS
		2462	15.19	≤30	PASS
11G	Ant1	2412	14.36	≤30	PASS
		2437	14.43	≤30	PASS
		2462	14.75	≤30	PASS
11N20	Ant1	2412	14.33	≤30	PASS
		2437	14.52	≤30	PASS
		2462	14.82	≤30	PASS
11N40	Ant1	2422	11.85	≤30	PASS
		2437	12.17	≤30	PASS
		2452	12.05	≤30	PASS

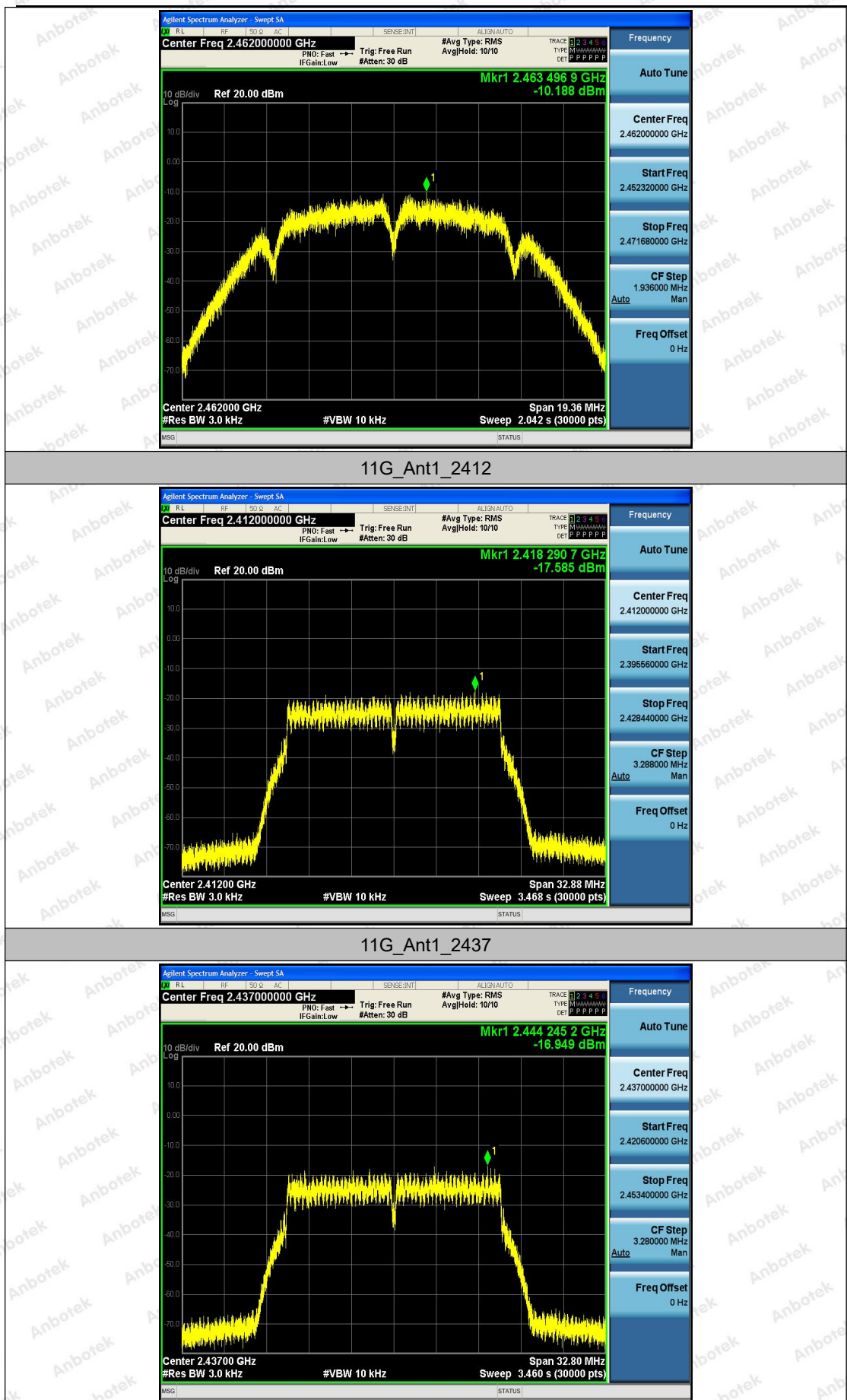
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.18	≤8	PASS
		2437	-10.77	≤8	PASS
		2462	-10.19	≤8	PASS
11G	Ant1	2412	-17.59	≤8	PASS
		2437	-16.95	≤8	PASS
		2462	-17.23	≤8	PASS
11N20	Ant1	2412	-18.02	≤8	PASS
		2437	-18.35	≤8	PASS
		2462	-17.65	≤8	PASS
11N40	Ant1	2422	-20.03	≤8	PASS
		2437	-20.02	≤8	PASS
		2452	-20.29	≤8	PASS

Test Graphs



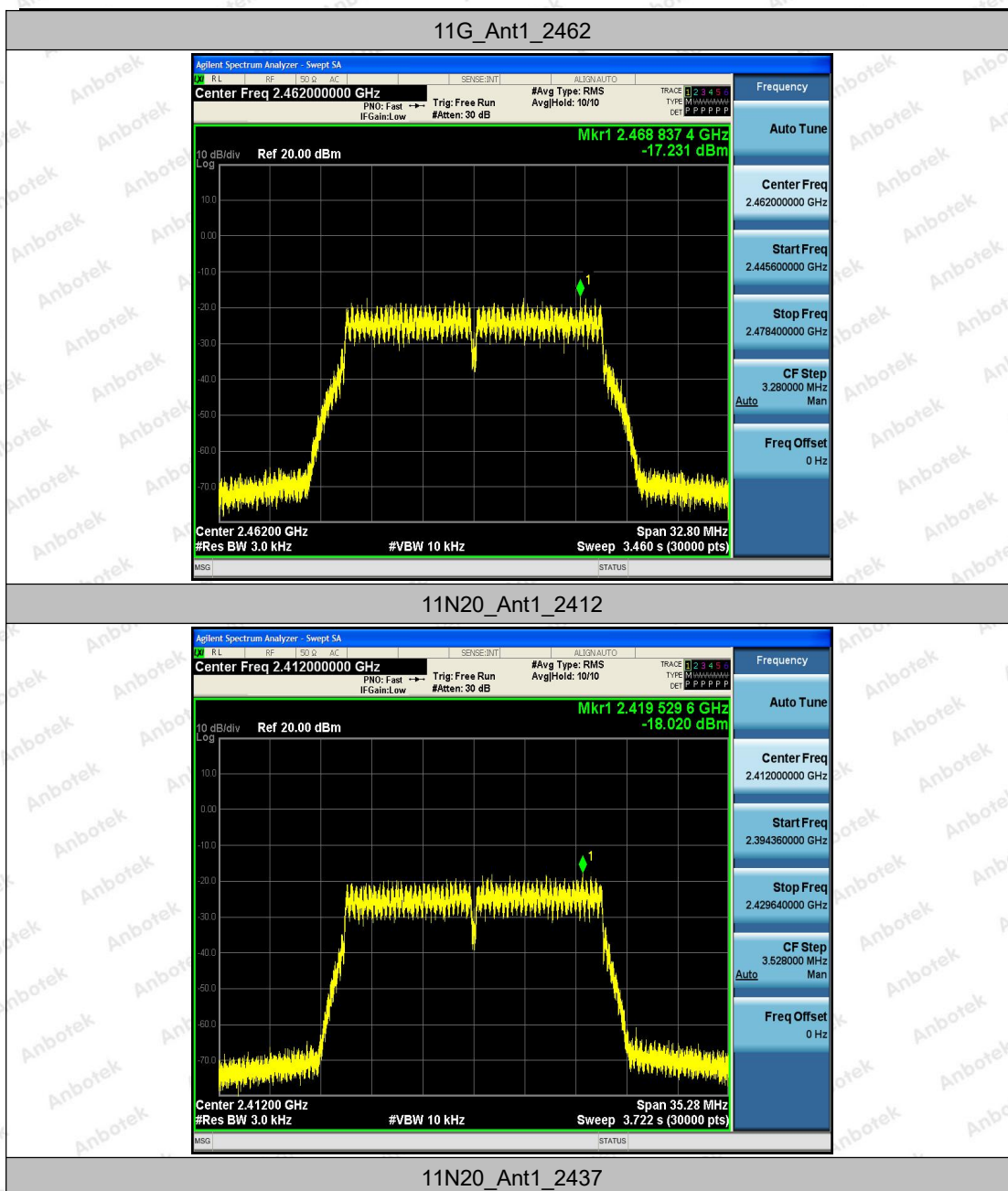


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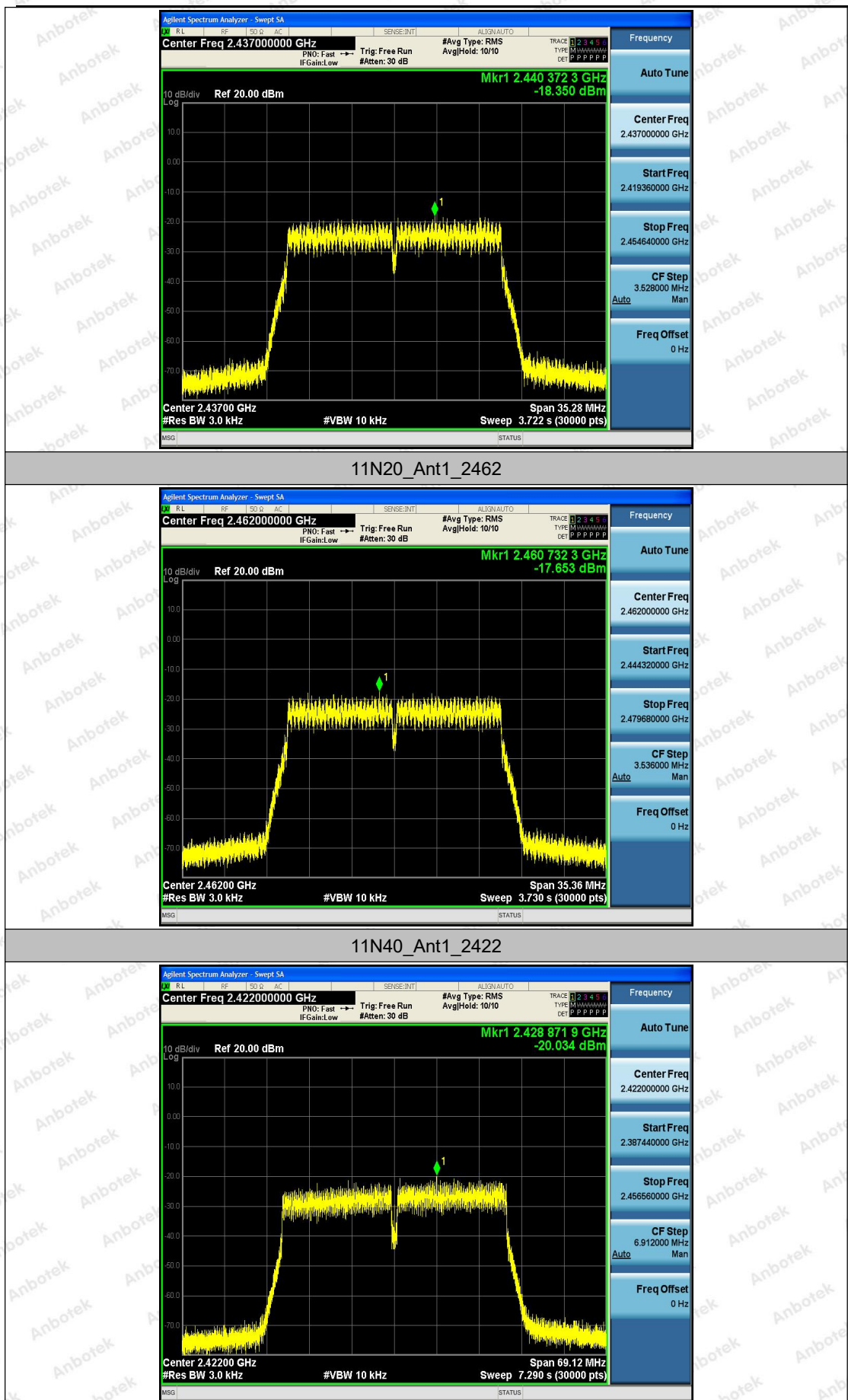


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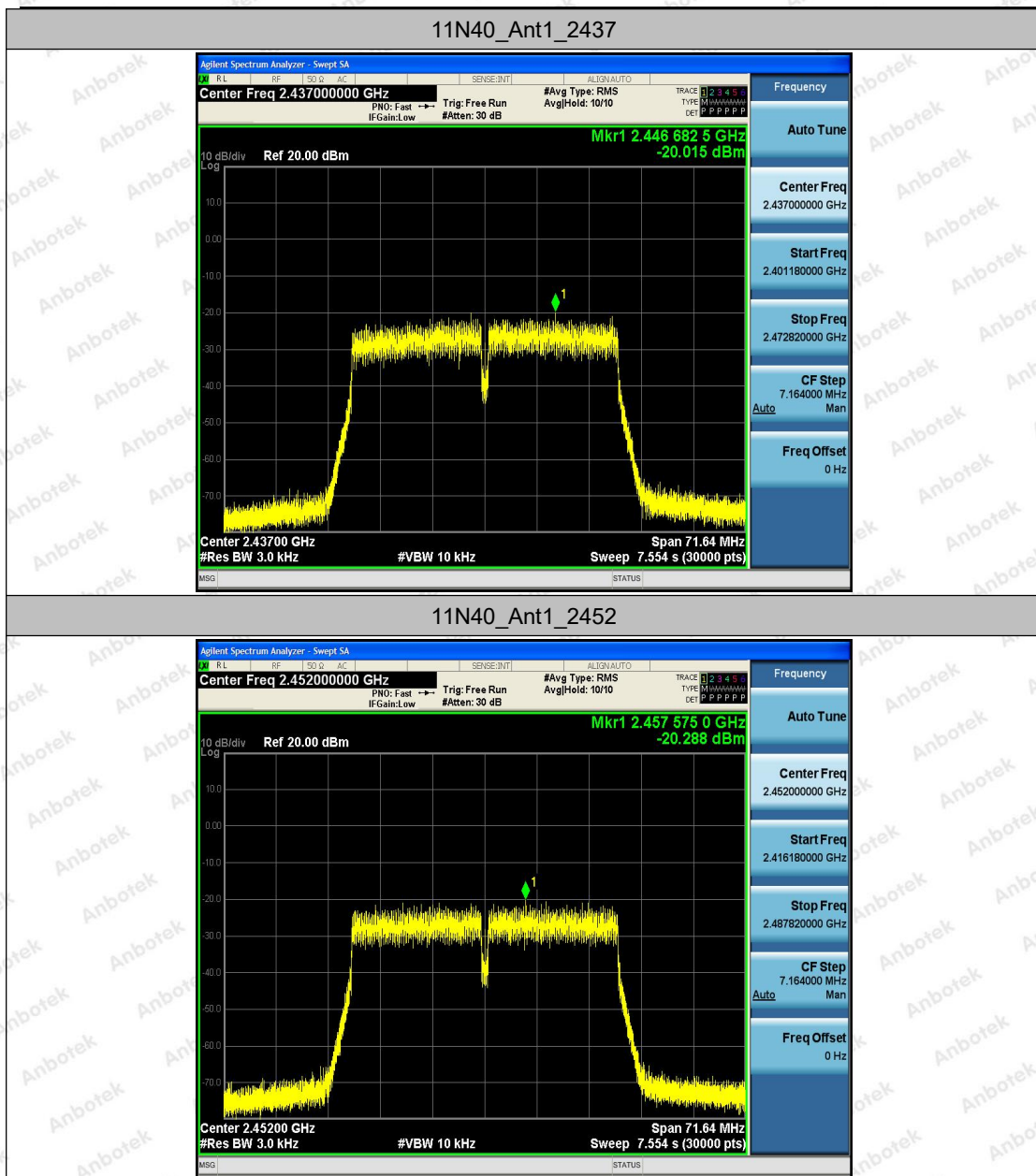


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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.04	-48.67	≤-16.96	PASS
		High	2462	3.74	-55.37	≤-16.26	PASS
11G	Ant1	Low	2412	-4.07	-48.1	≤-24.07	PASS
		High	2462	-3.74	-52.87	≤-23.74	PASS
11N20	Ant1	Low	2412	-3.75	-48.7	≤-23.75	PASS
		High	2462	-3.33	-52.2	≤-23.33	PASS
11N40	Ant1	Low	2422	-6.52	-50.19	≤-26.52	PASS
		High	2452	-6.44	-50.67	≤-26.44	PASS