

Appendix Test Data

Report No.:	18220WC20090303	Test Sample No.:	1-2-2
Start Test Date:	2022.4.24	Finish Test Date:	2022.5.5
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	56.2 %
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	8.160	2408.400	2416.560	≥0.5	PASS
		2437	8.120	2433.440	2441.560	≥0.5	PASS
		2462	7.640	2457.960	2465.600	≥0.5	PASS
11G	Ant1	2412	14.880	2404.720	2419.600	≥0.5	PASS
		2437	15.120	2430.080	2445.200	≥0.5	PASS
		2462	15.360	2454.200	2469.560	≥0.5	PASS
11N20	Ant1	2412	15.160	2404.440	2419.600	≥0.5	PASS
		2437	17.360	2428.440	2445.800	≥0.5	PASS
		2462	15.160	2454.440	2469.600	≥0.5	PASS
11N40	Ant1	2422	35.160	2404.420	2439.580	≥0.5	PASS
		2437	35.280	2419.360	2454.640	≥0.5	PASS
		2452	35.160	2434.480	2469.640	≥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



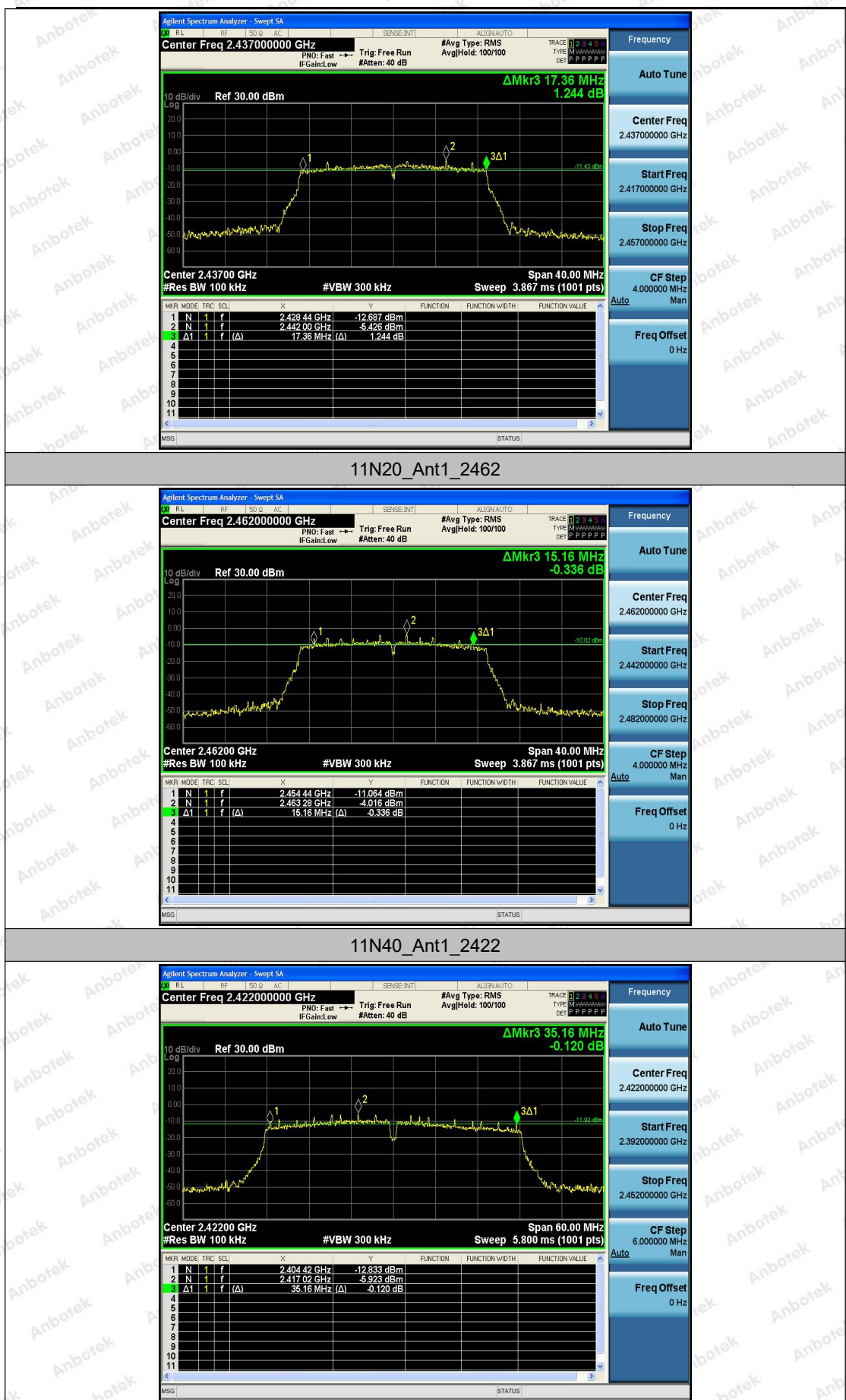
11N20_Ant1_2437

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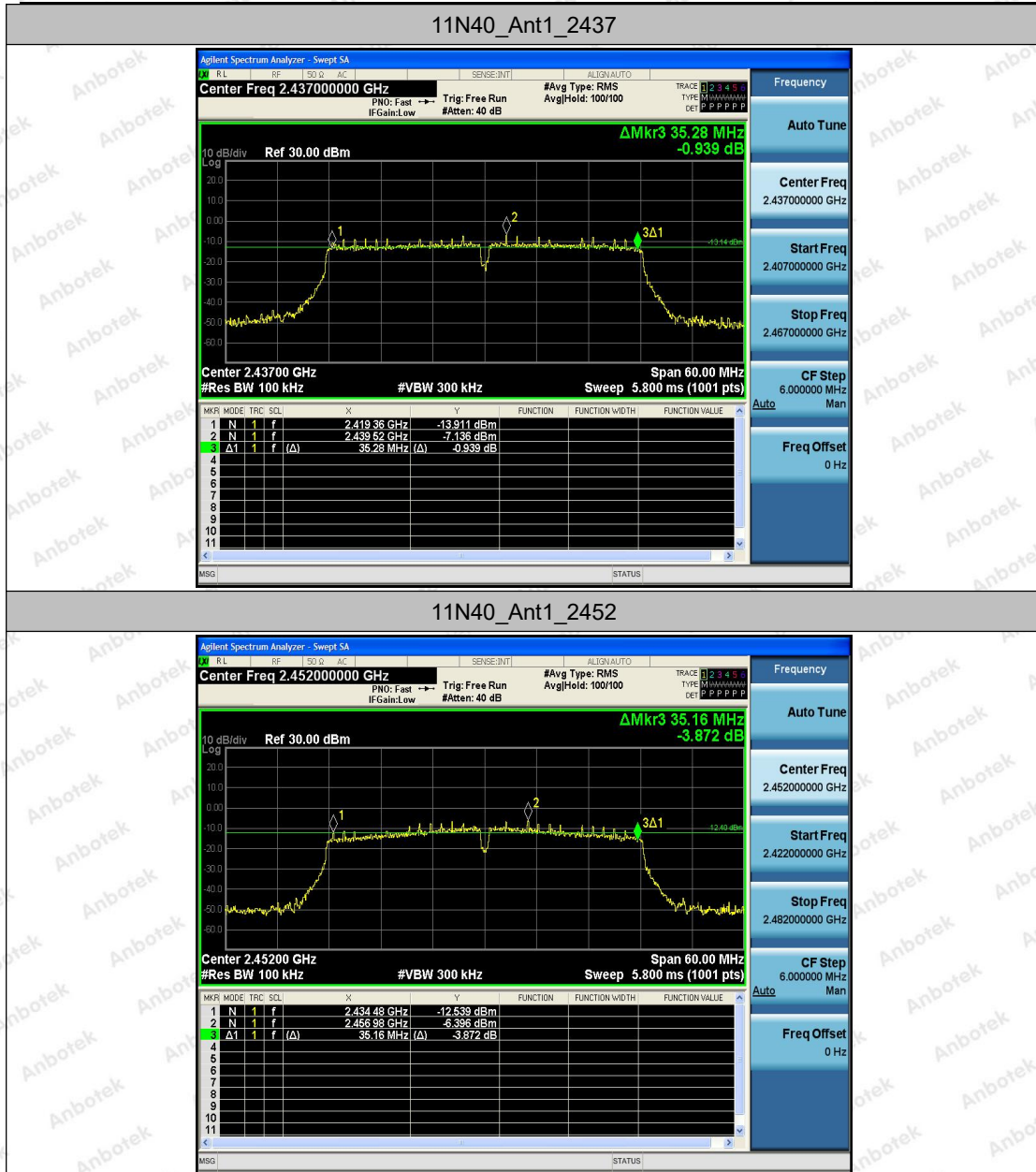
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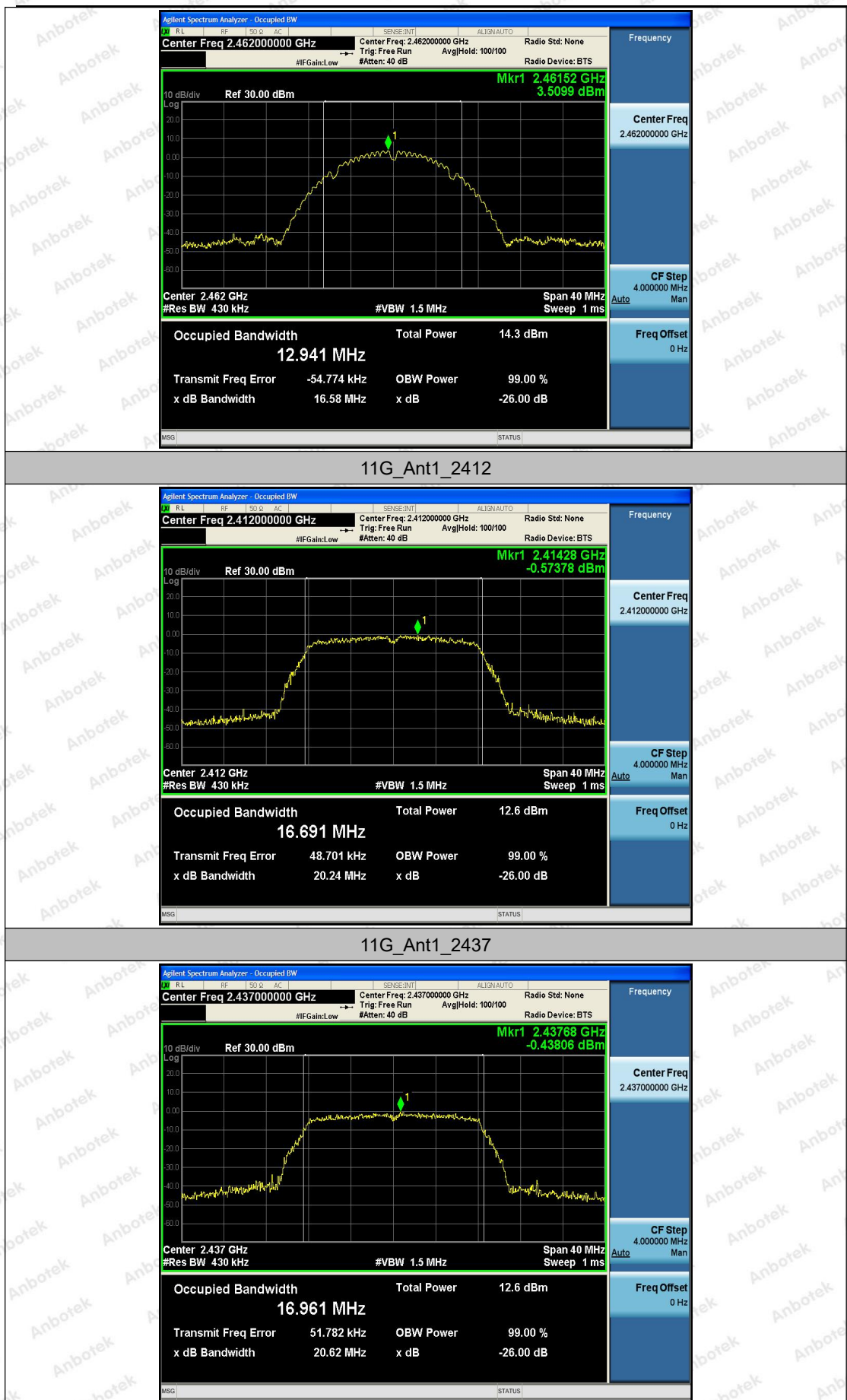
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.742	2405.689	2418.431	---	PASS
		2437	13.011	2430.533	2443.544	---	PASS
		2462	12.941	2455.475	2468.416	---	PASS
11G	Ant1	2412	16.691	2403.703	2420.394	---	PASS
		2437	16.961	2428.571	2445.532	---	PASS
		2462	16.851	2453.558	2470.409	---	PASS
11N20	Ant1	2412	17.703	2403.159	2420.862	---	PASS
		2437	17.951	2428.054	2446.005	---	PASS
		2462	17.789	2453.102	2470.891	---	PASS
11N40	Ant1	2422	35.959	2403.976	2439.935	---	PASS
		2437	36.210	2418.877	2455.087	---	PASS
		2452	35.859	2434.145	2470.004	---	PASS

Test Graphs





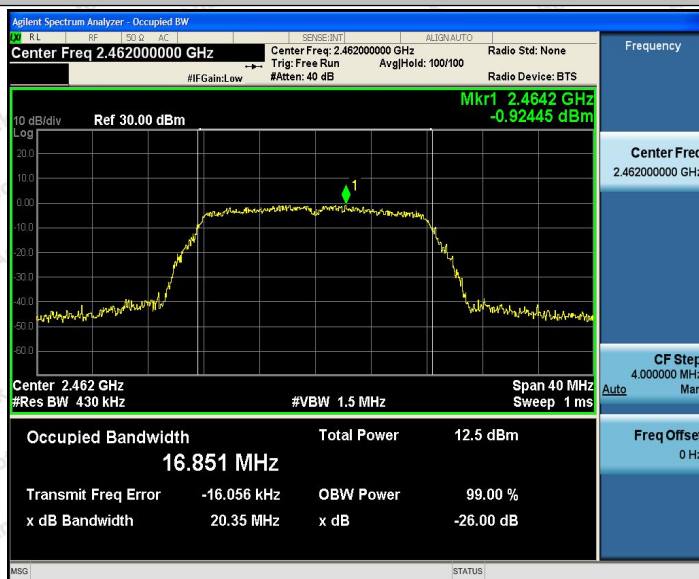
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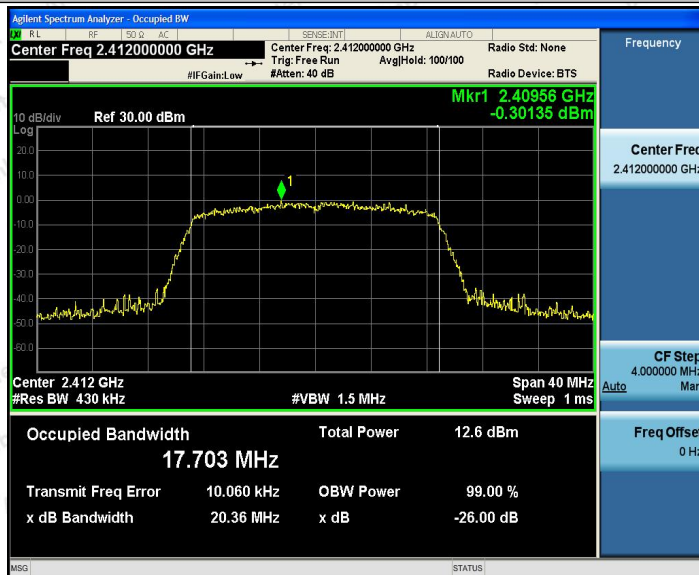
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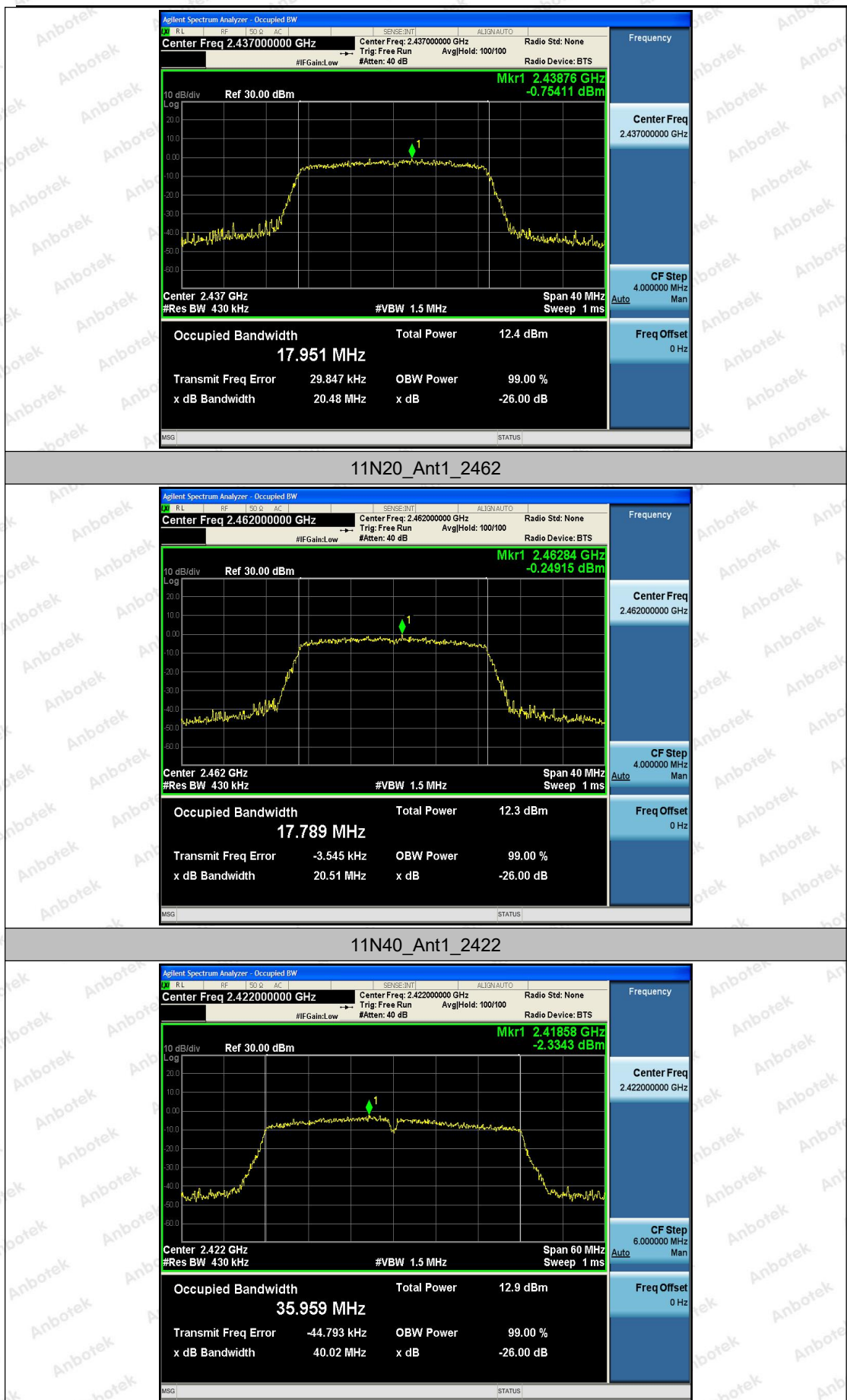
11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437



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Appendix C: Maximum conducted output power

Test Result

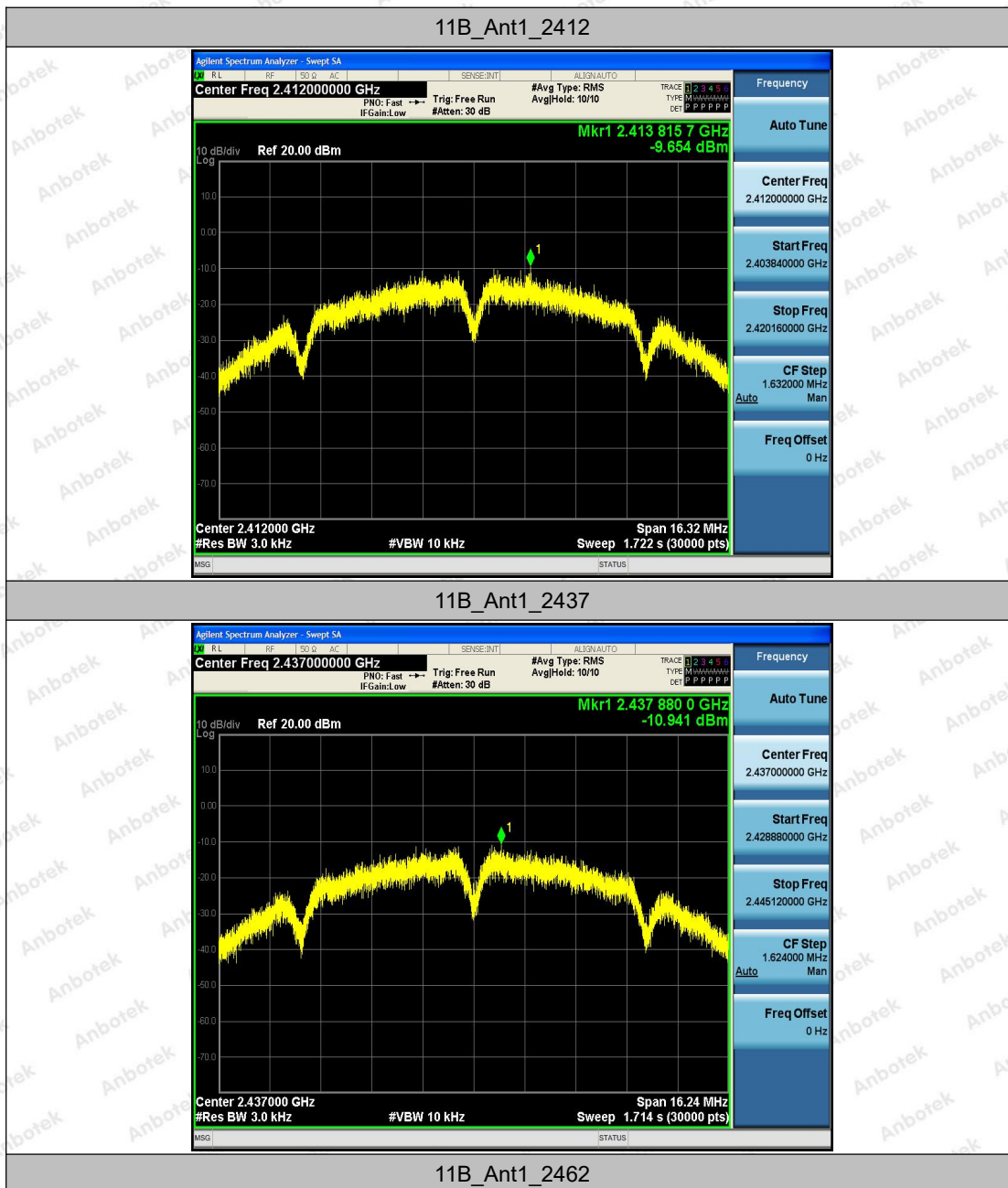
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.47	≤30	PASS
		2437	14.33	≤30	PASS
		2462	14.28	≤30	PASS
11G	Ant1	2412	13.74	≤30	PASS
		2437	13.75	≤30	PASS
		2462	13.55	≤30	PASS
11N20	Ant1	2412	13.60	≤30	PASS
		2437	13.59	≤30	PASS
		2462	13.47	≤30	PASS
11N40	Ant1	2422	12.20	≤30	PASS
		2437	11.52	≤30	PASS
		2452	12.23	≤30	PASS

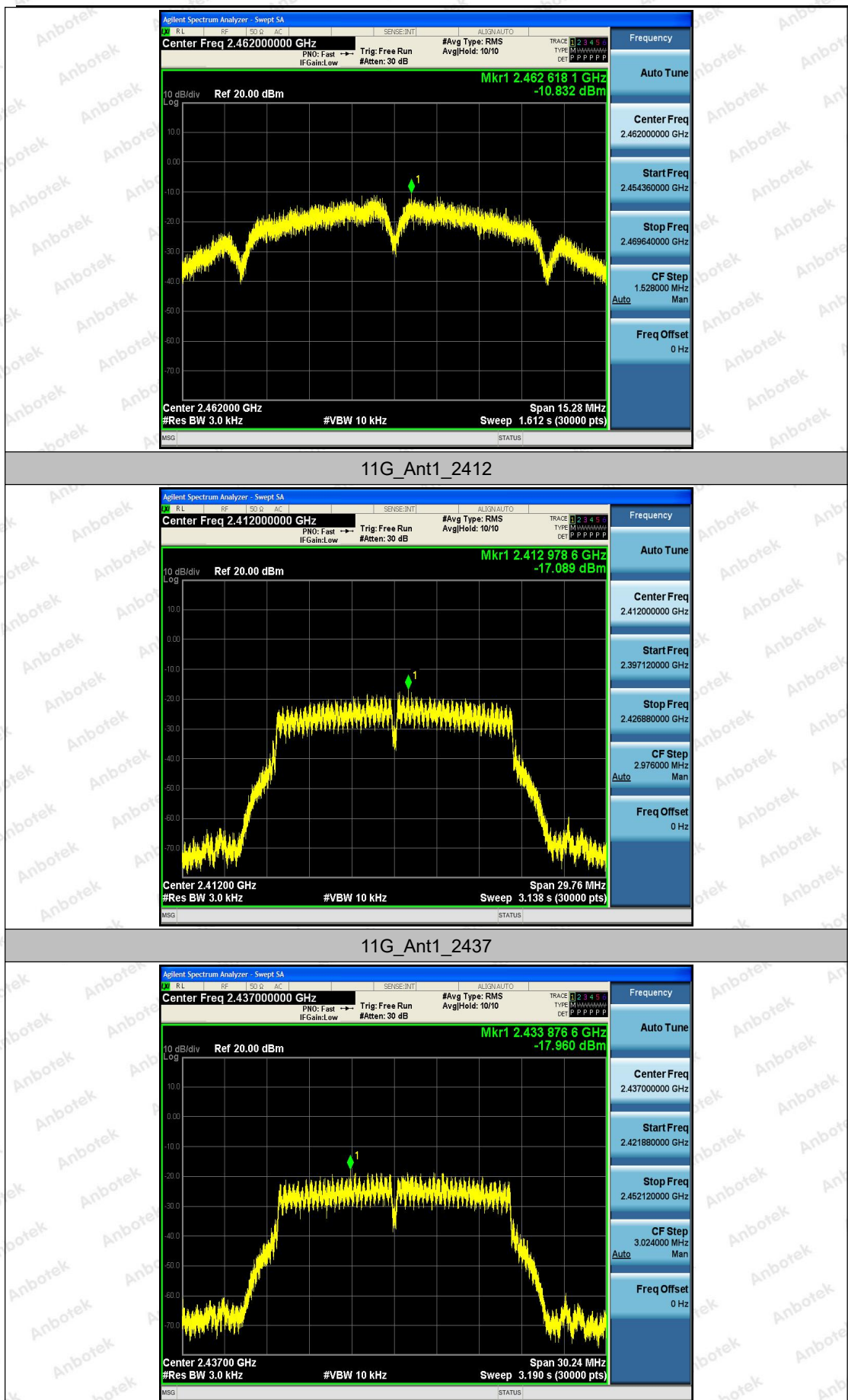
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.65	≤8	PASS
		2437	-10.94	≤8	PASS
		2462	-10.83	≤8	PASS
11G	Ant1	2412	-17.09	≤8	PASS
		2437	-17.96	≤8	PASS
		2462	-18.36	≤8	PASS
11N20	Ant1	2412	-18.61	≤8	PASS
		2437	-18.69	≤8	PASS
		2462	-18.3	≤8	PASS
11N40	Ant1	2422	-19.27	≤8	PASS
		2437	-21.73	≤8	PASS
		2452	-20.37	≤8	PASS

Test Graphs



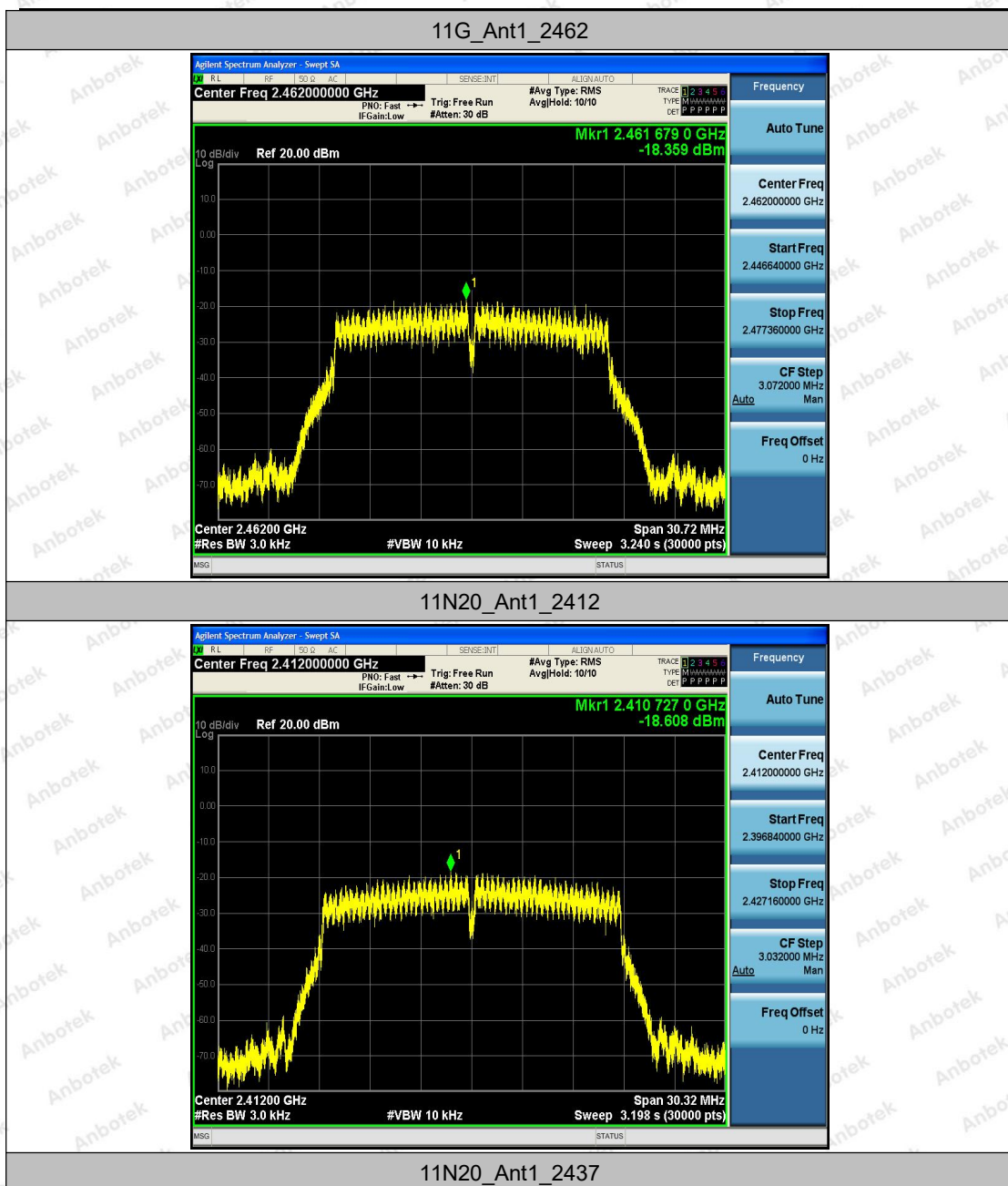


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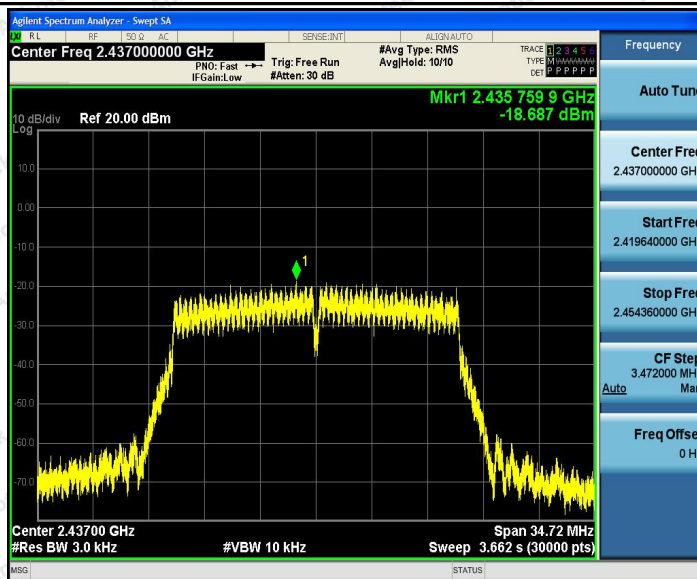


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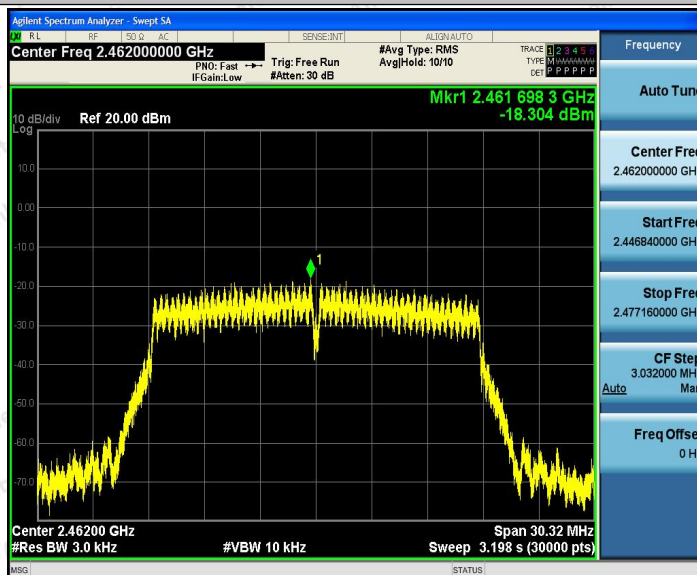
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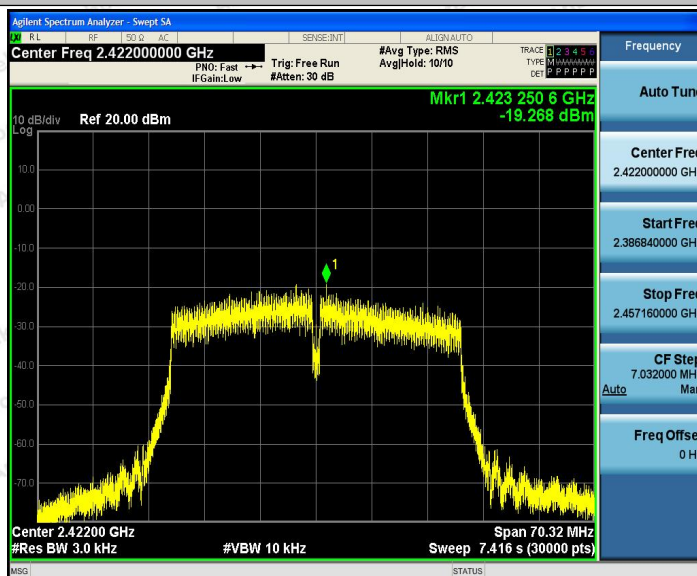
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11N20_Ant1_2462



11N40_Ant1_2422

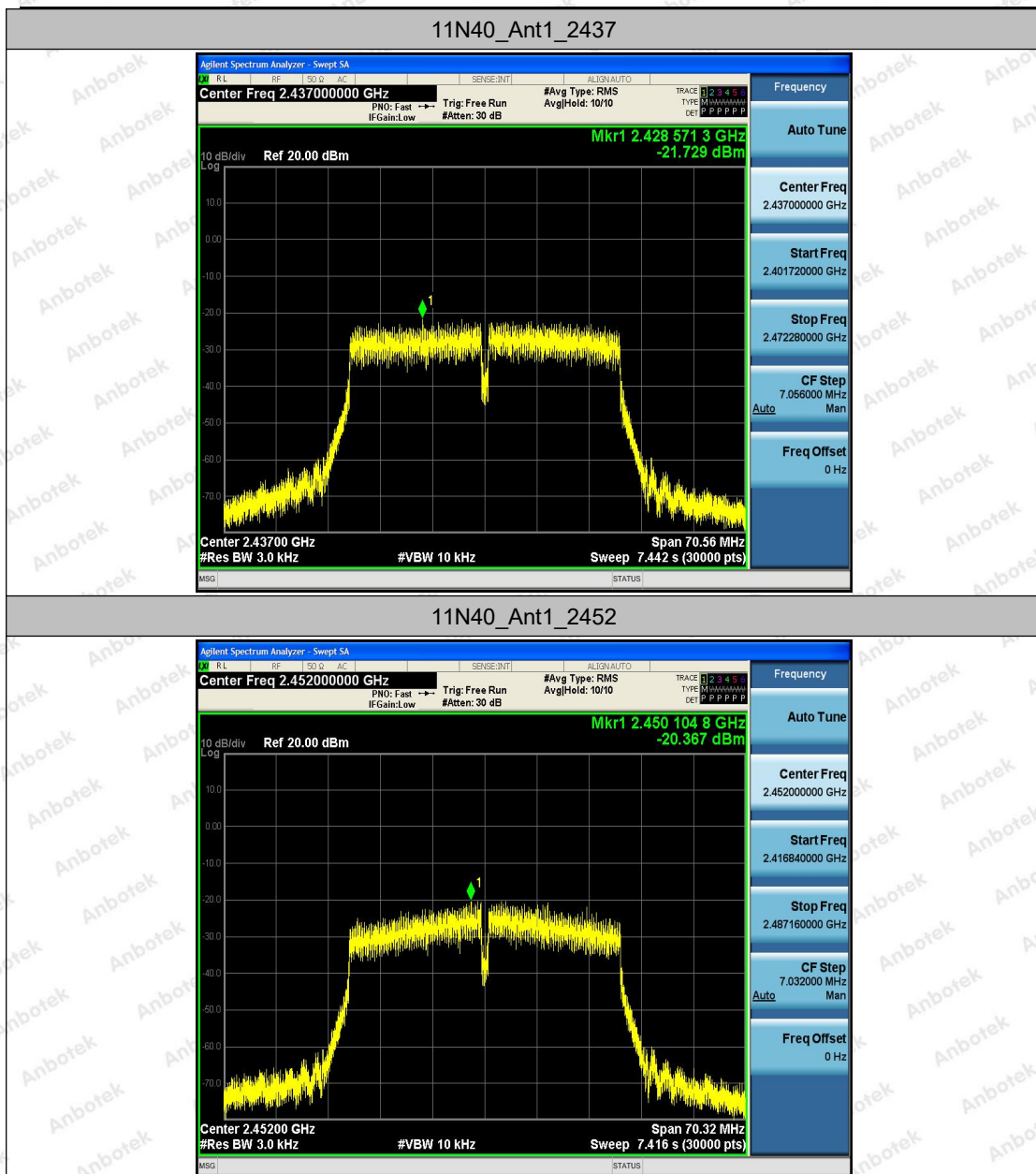


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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.58	-50.74	≤-16.42	PASS
		High	2462	3.46	-57.6	≤-16.54	PASS
11G	Ant1	Low	2412	-4.19	-48.17	≤-24.19	PASS
		High	2462	-4.44	-55.72	≤-24.44	PASS
11N20	Ant1	Low	2412	-4.43	-46.75	≤-24.43	PASS
		High	2462	-4.26	-55.67	≤-24.26	PASS
11N40	Ant1	Low	2422	-5.98	-47.72	≤-25.98	PASS
		High	2452	-6.28	-50.68	≤-26.28	PASS