

Appendix Test Data

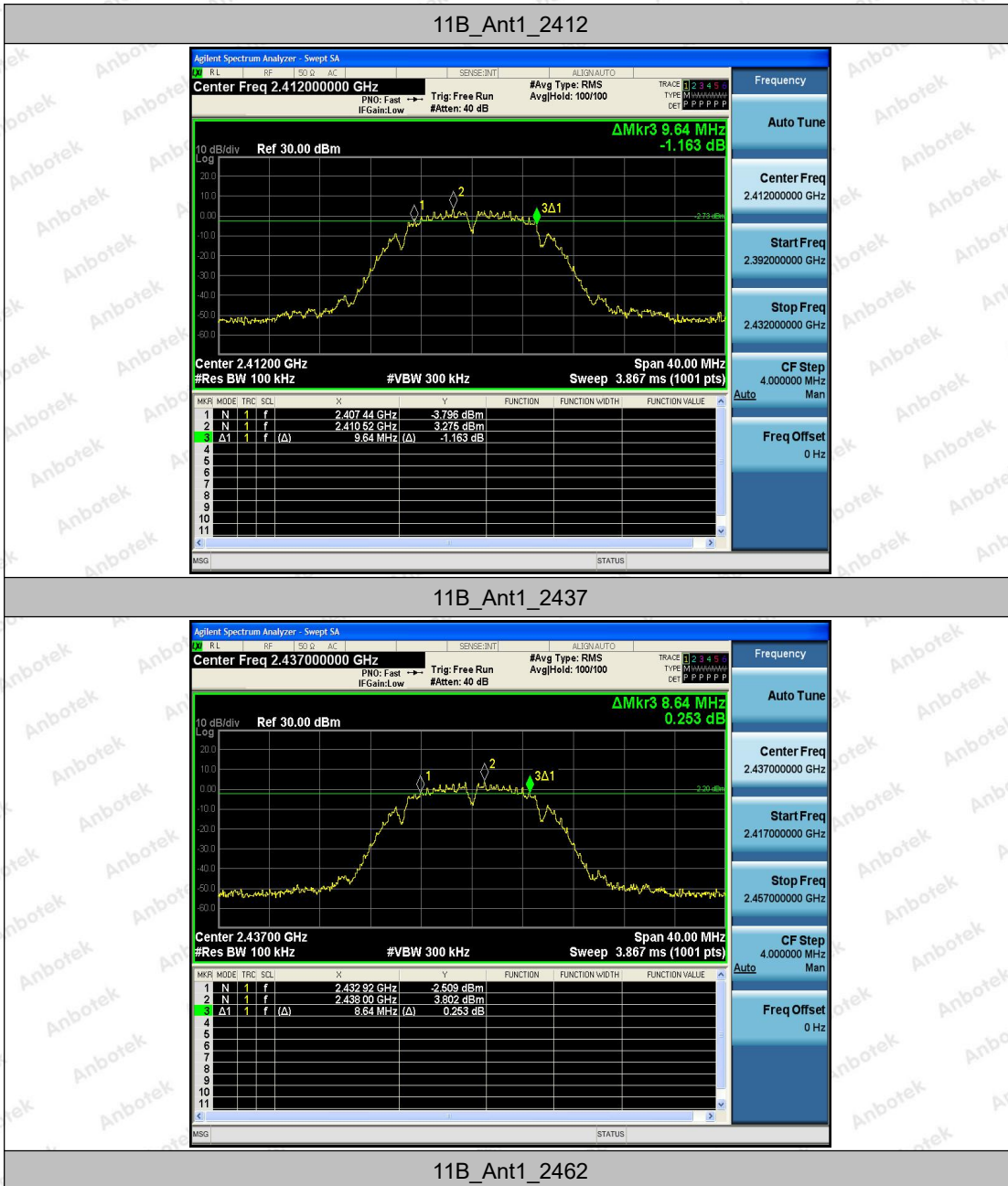
Report No.:	18220WC20065101	Test Sample No.:	1-2-2
Start Test Date:	2022.3.31	Finish Test Date:	2022.4.12
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.2 %
Pressure:	1012 hPa		

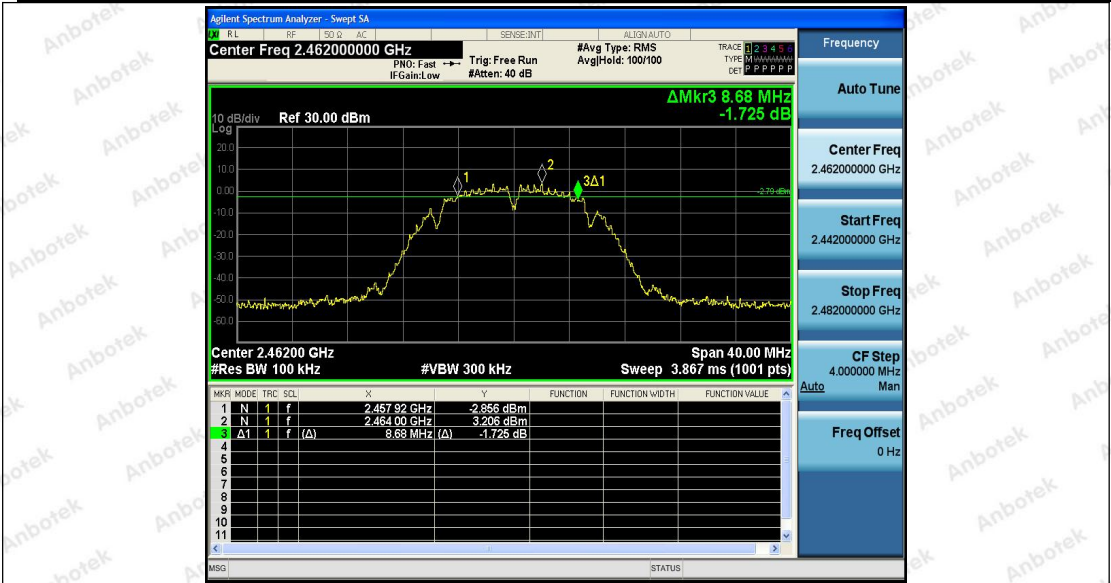
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.640	2407.440	2417.080	≥0.5	PASS
		2437	8.640	2432.920	2441.560	≥0.5	PASS
		2462	8.680	2457.920	2466.600	≥0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	≥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	35.700	2404.360	2440.060	≥0.5	PASS
		2437	35.580	2419.360	2454.940	≥0.5	PASS
		2452	35.820	2434.360	2470.180	≥0.5	PASS

Test Graphs

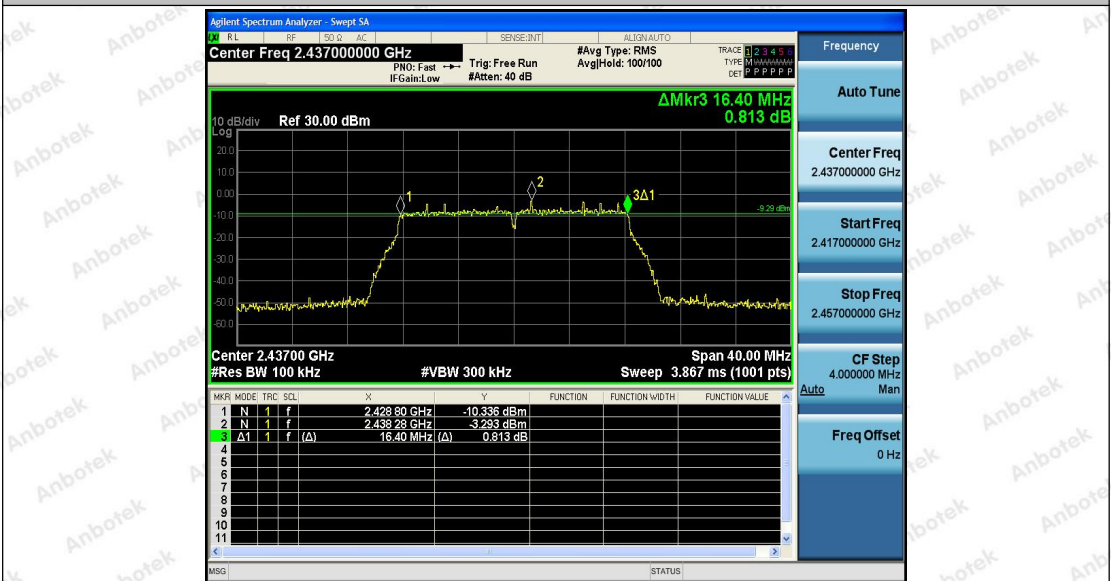




11G_Ant1_2412



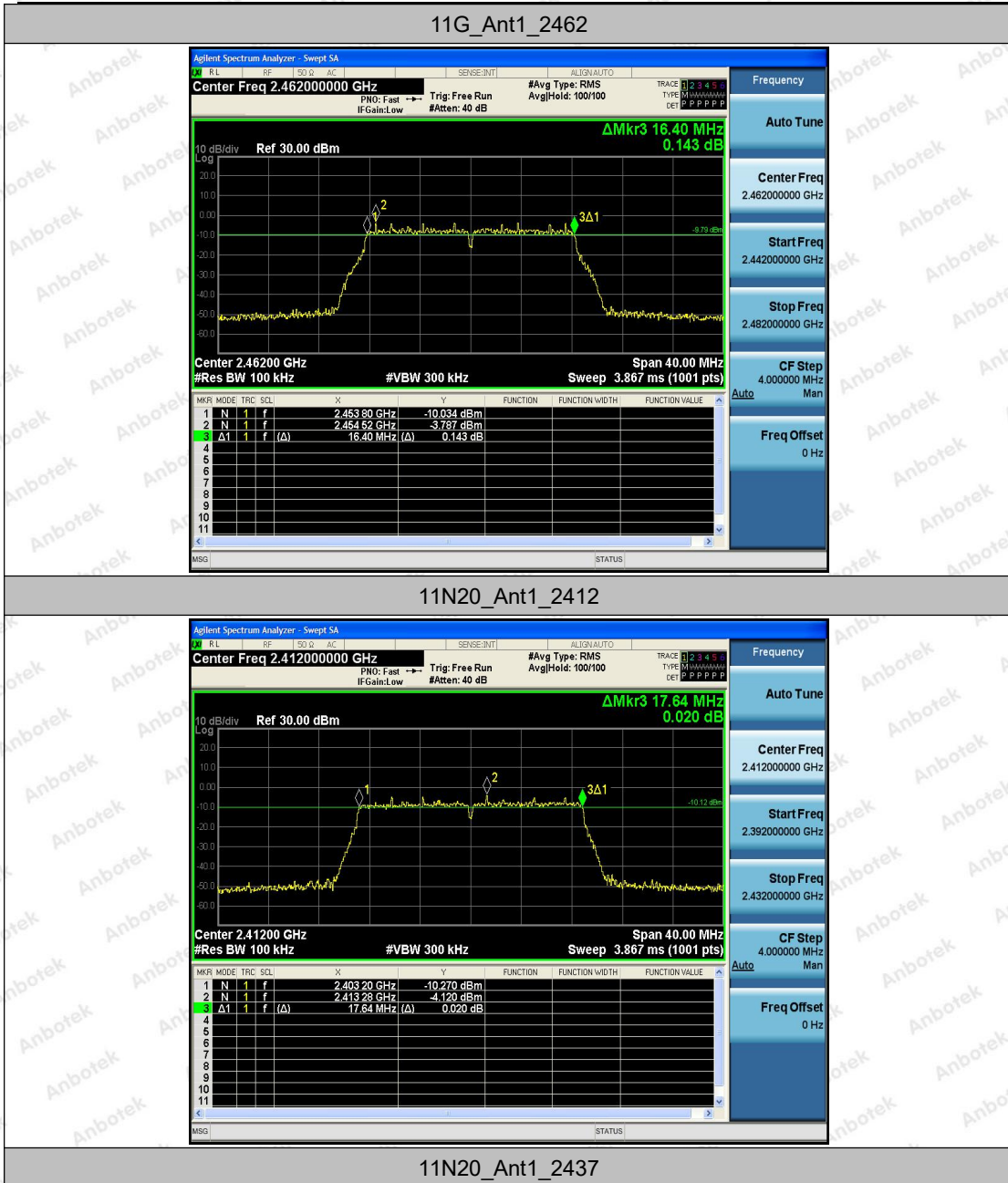
11G_Ant1_2437



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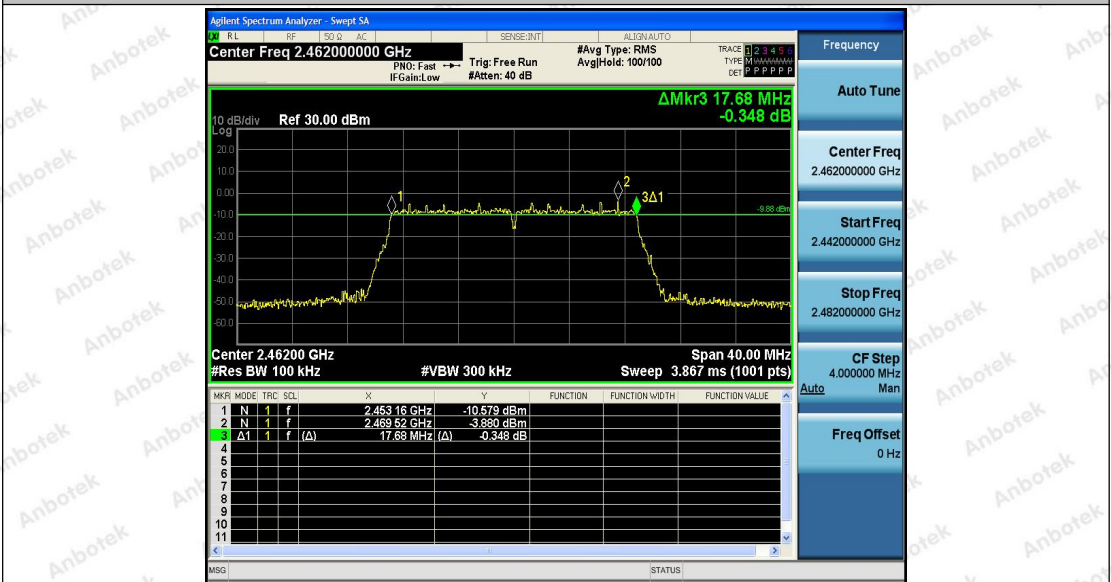
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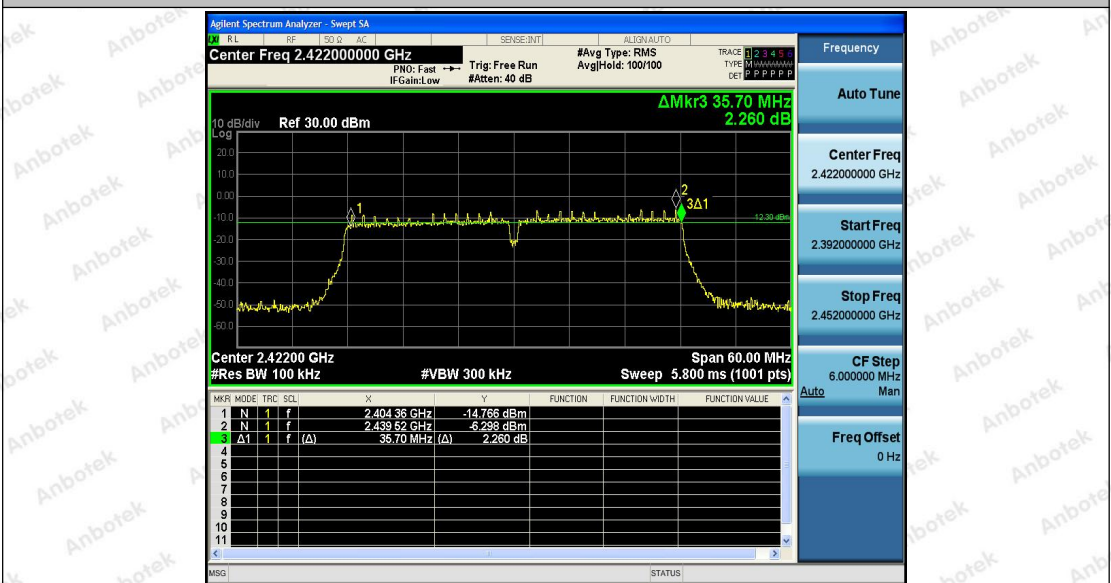
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11N20_Ant1_2462



11N40_Ant1_2422

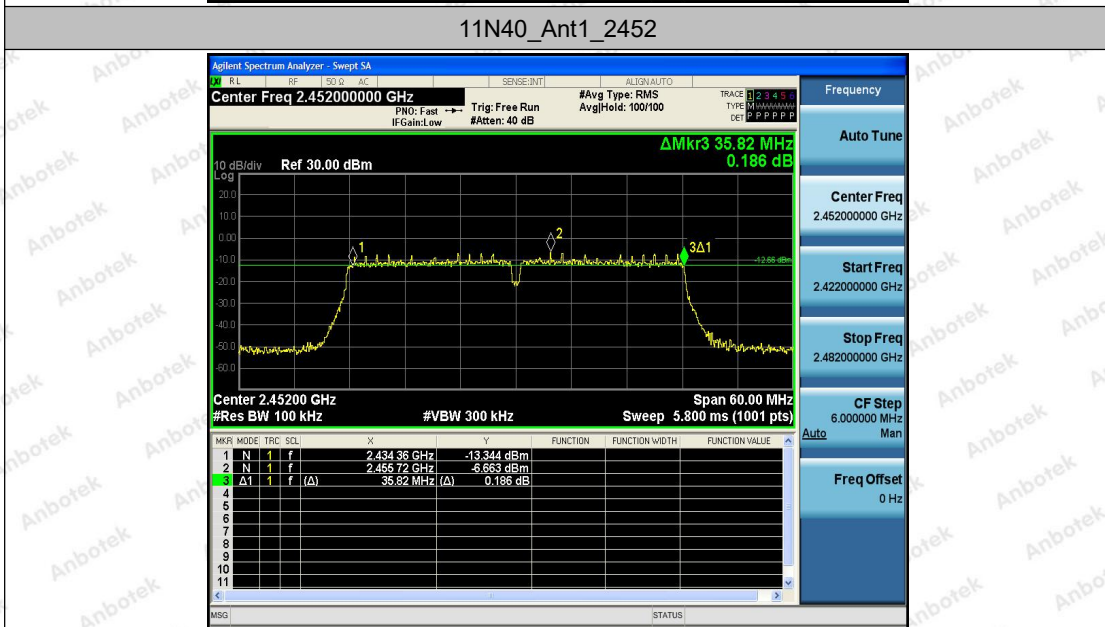
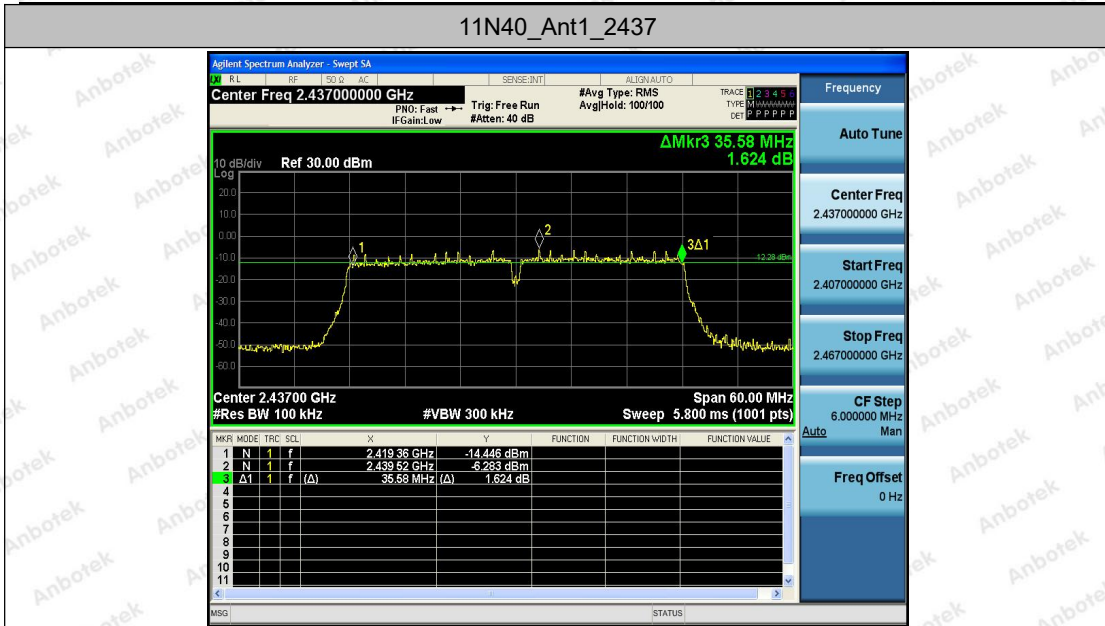


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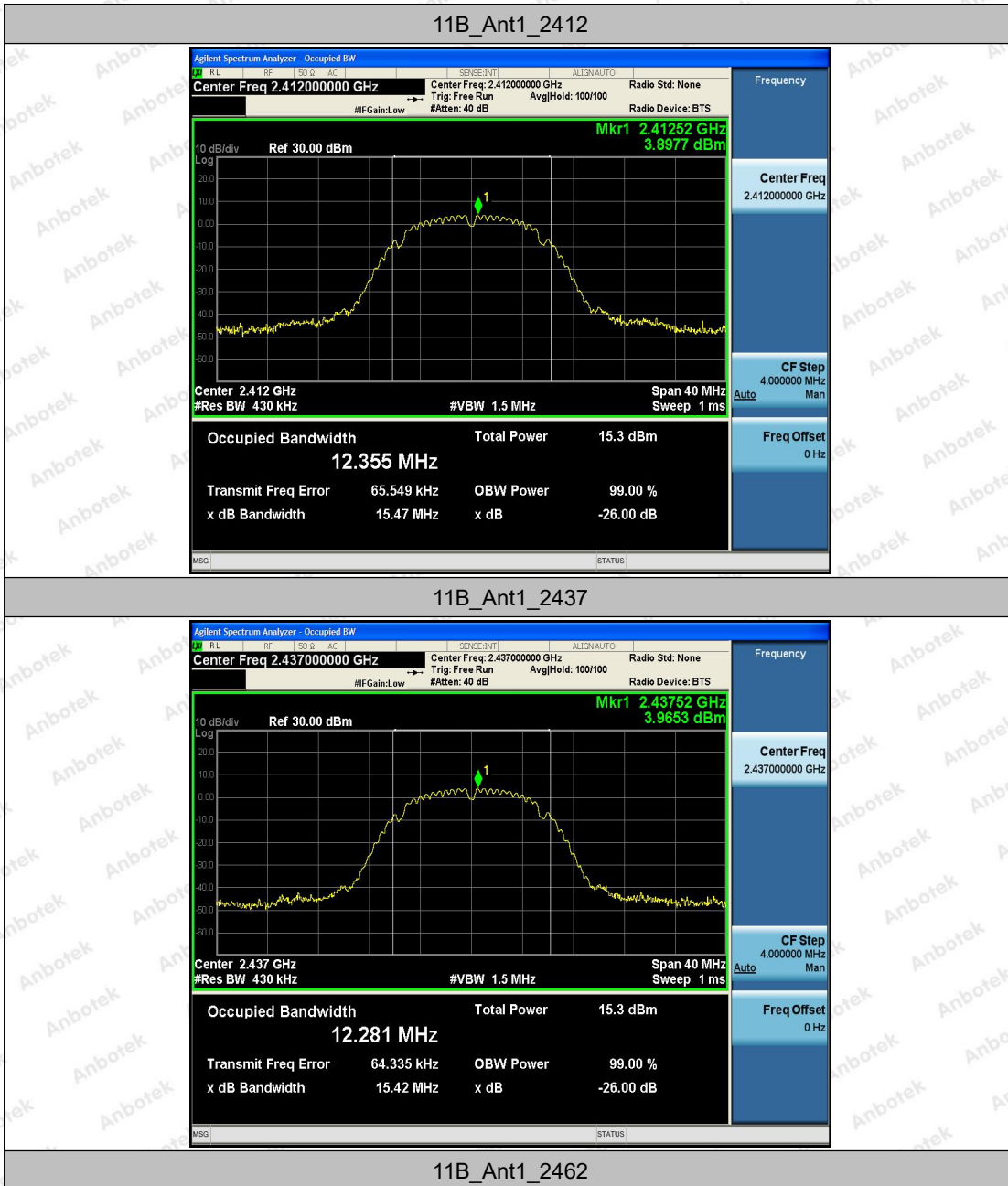
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.355	2405.888	2418.243	---	PASS
		2437	12.281	2430.924	2443.205	---	PASS
		2462	12.299	2455.867	2468.166	---	PASS
11G	Ant1	2412	17.097	2403.472	2420.569	---	PASS
		2437	16.989	2428.544	2445.533	---	PASS
		2462	17.158	2453.438	2470.596	---	PASS
11N20	Ant1	2412	18.004	2403.047	2421.051	---	PASS
		2437	17.988	2428.021	2446.009	---	PASS
		2462	17.951	2453.050	2471.001	---	PASS
11N40	Ant1	2422	36.235	2403.989	2440.224	---	PASS
		2437	36.105	2419.020	2455.125	---	PASS
		2452	36.157	2433.956	2470.113	---	PASS

Test Graphs

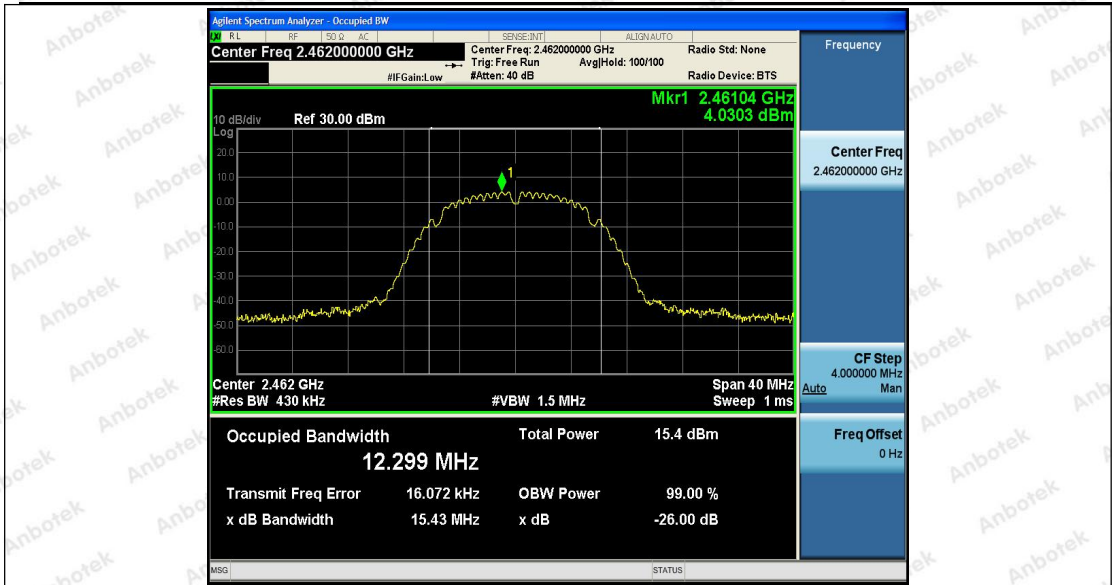


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11G_Ant1_2412



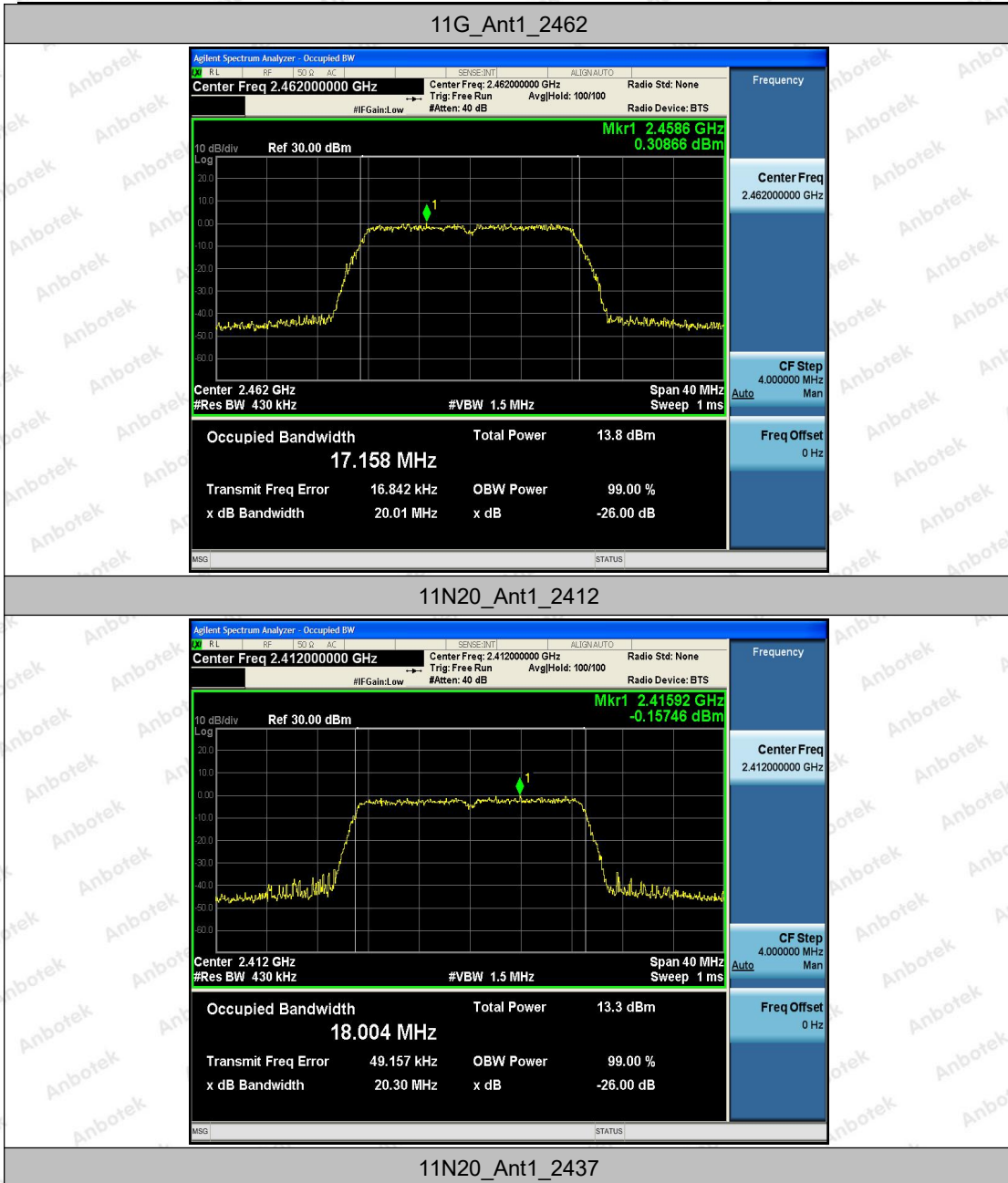
11G_Ant1_2437



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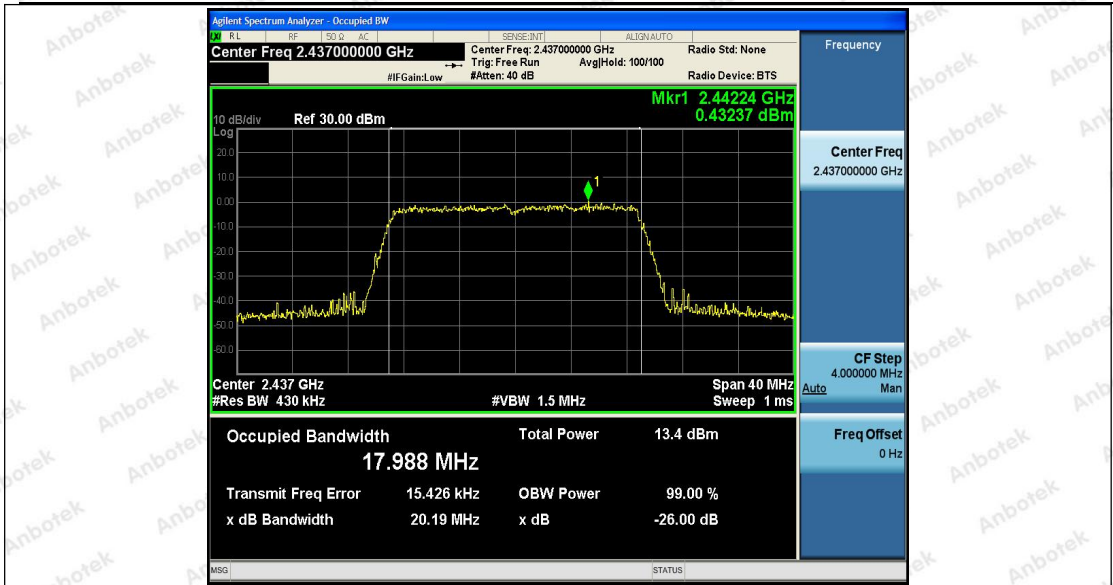


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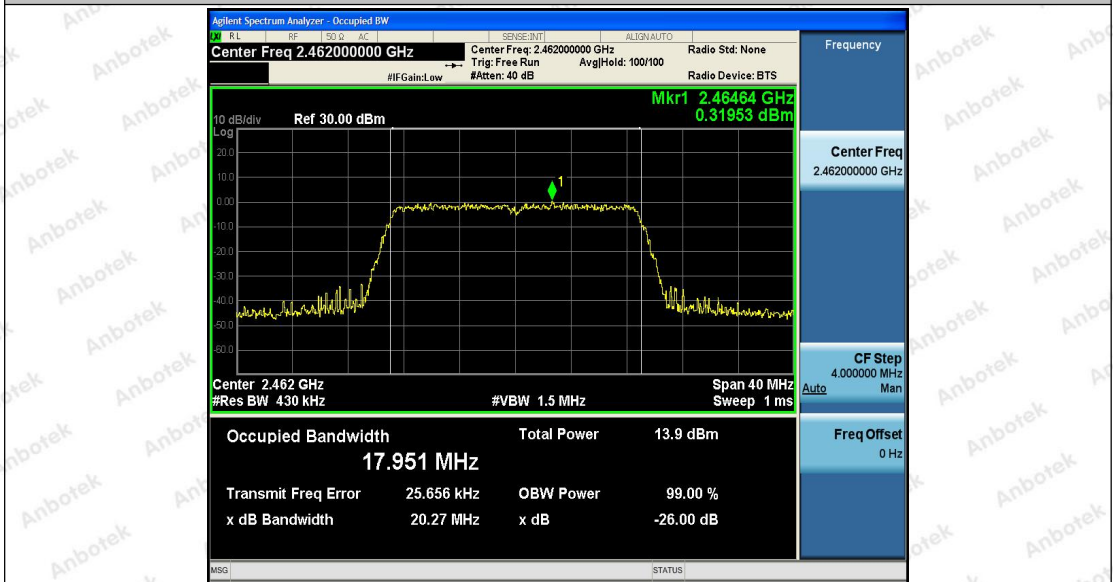
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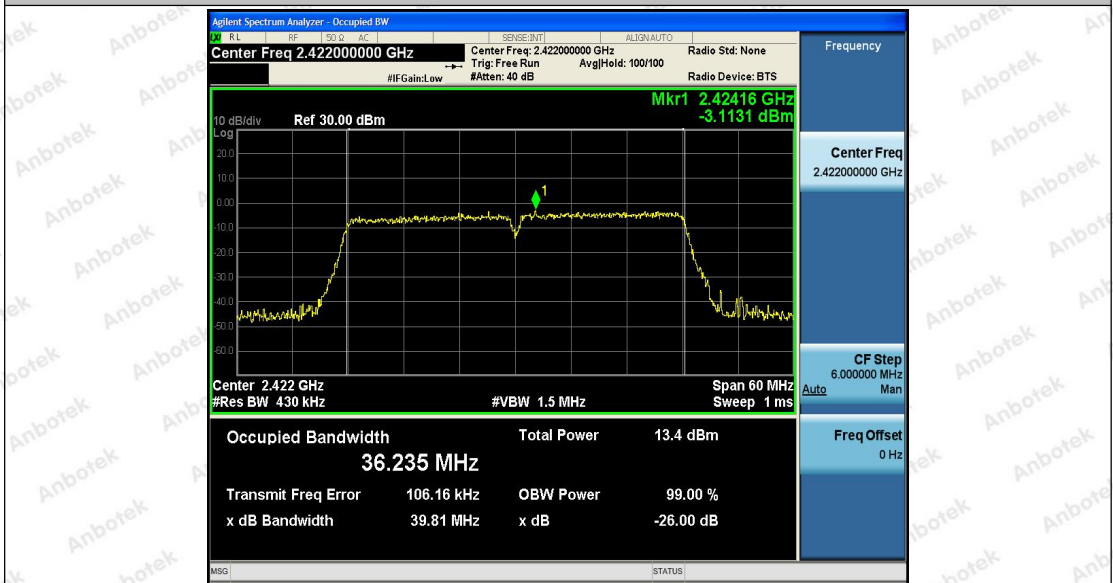
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11N20_Ant1_2462



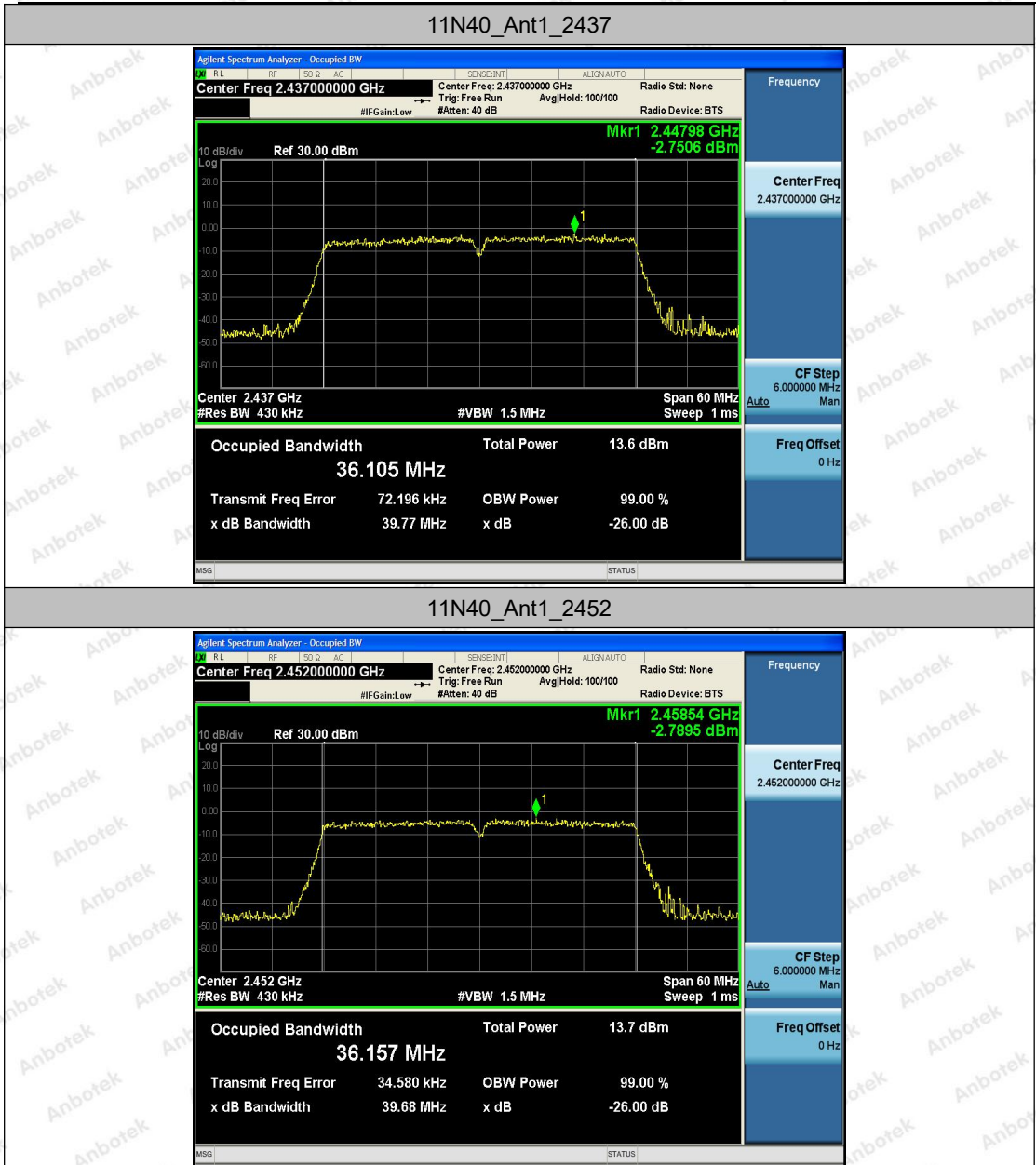
11N40_Ant1_2422



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Appendix C: Maximum conducted output power

Test Result

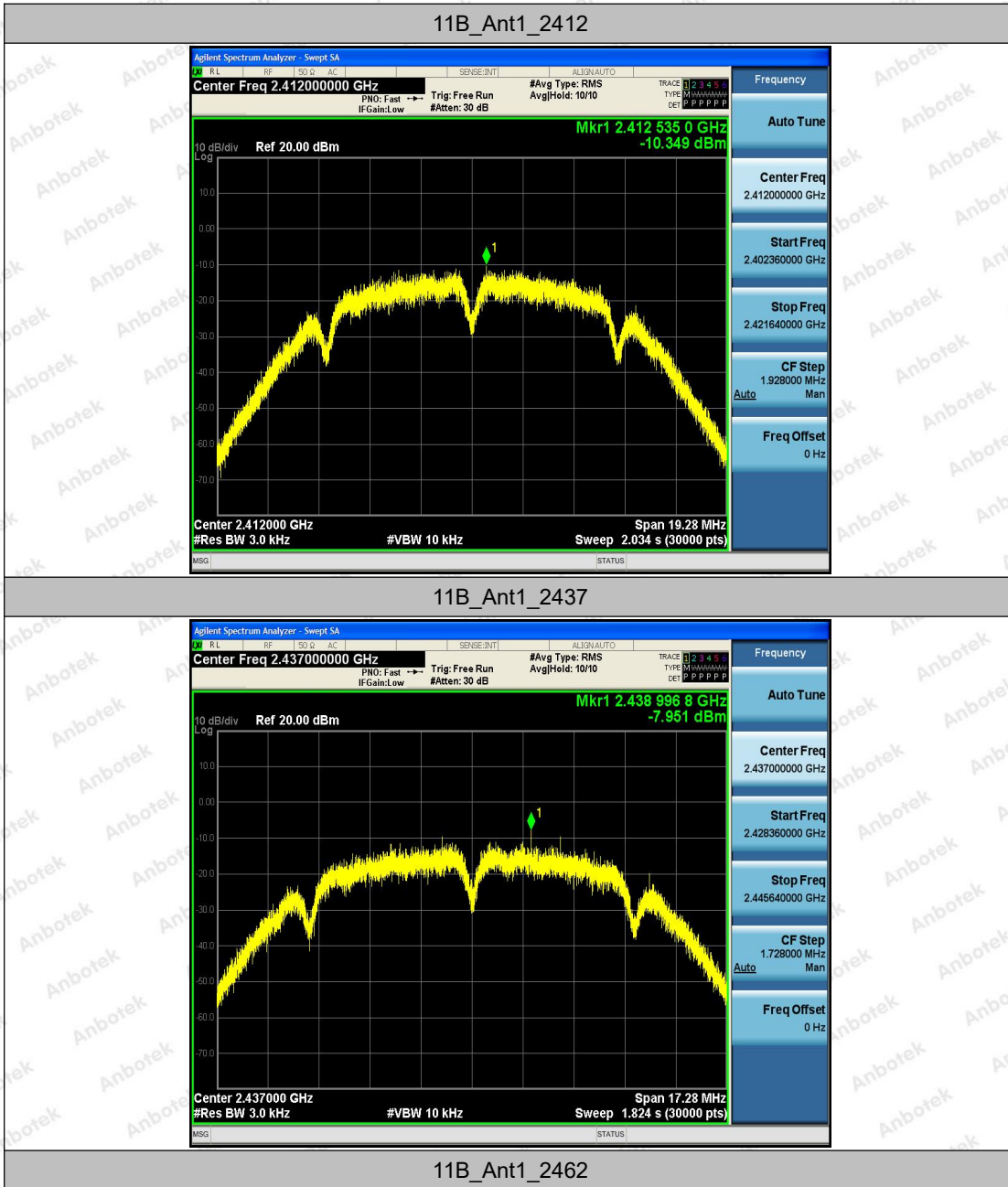
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.33	≤30	PASS
		2437	15.33	≤30	PASS
		2462	15.44	≤30	PASS
11G	Ant1	2412	14.54	≤30	PASS
		2437	14.64	≤30	PASS
		2462	14.88	≤30	PASS
11N20	Ant1	2412	14.52	≤30	PASS
		2437	14.37	≤30	PASS
		2462	14.93	≤30	PASS
11N40	Ant1	2422	12.13	≤30	PASS
		2437	12.36	≤30	PASS
		2452	12.30	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.35	≤8	PASS
		2437	-7.95	≤8	PASS
		2462	-7.72	≤8	PASS
11G	Ant1	2412	-17.92	≤8	PASS
		2437	-17.73	≤8	PASS
		2462	-15.94	≤8	PASS
11N20	Ant1	2412	-17.88	≤8	PASS
		2437	-17.6	≤8	PASS
		2462	-17.69	≤8	PASS
11N40	Ant1	2422	-20.79	≤8	PASS
		2437	-20.96	≤8	PASS
		2452	-19.13	≤8	PASS

Test Graphs

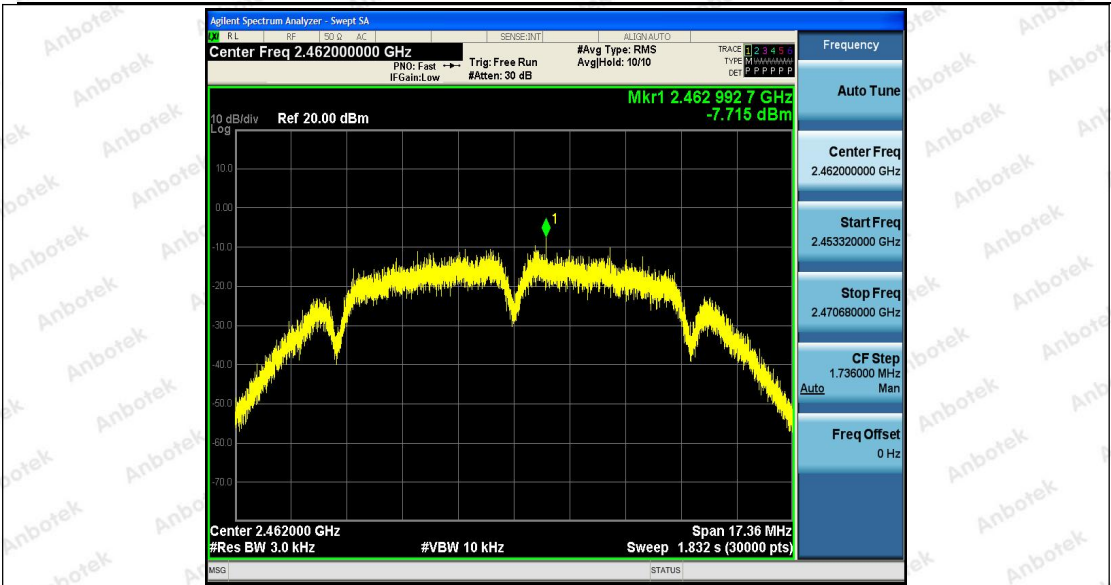


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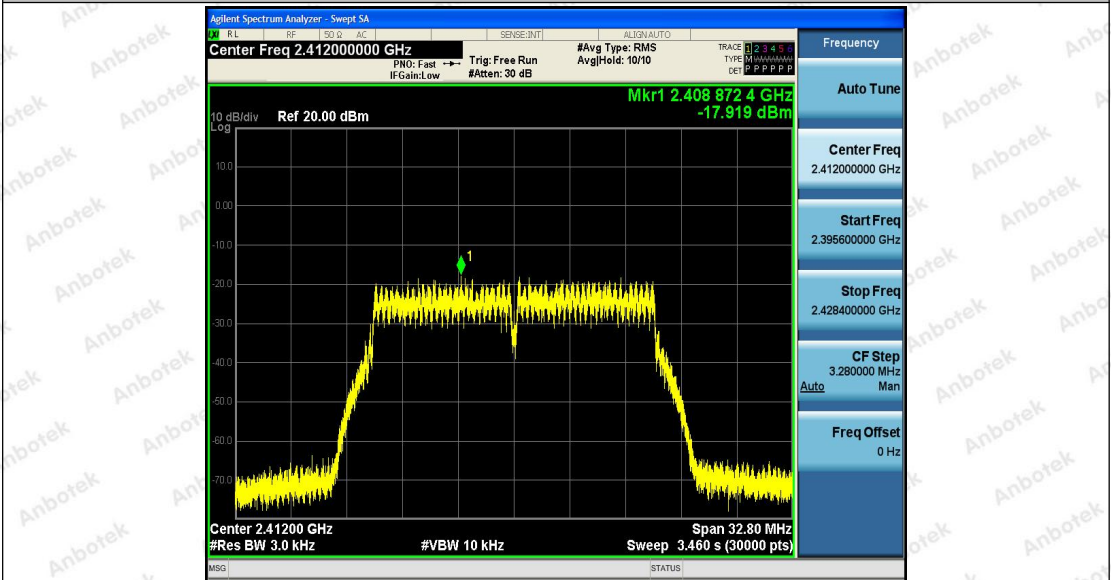
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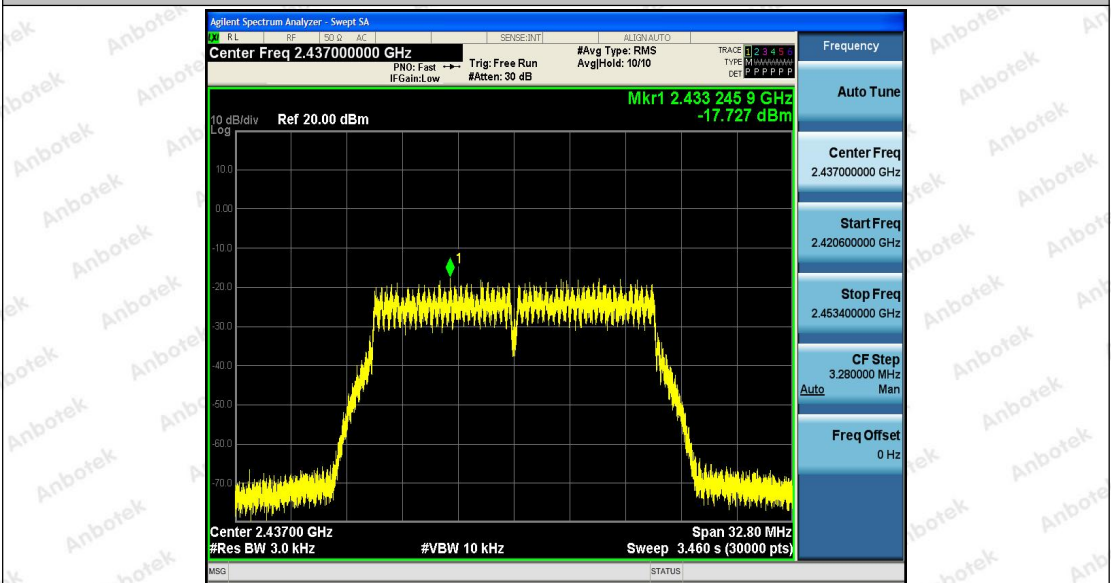
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11G_Ant1_2412



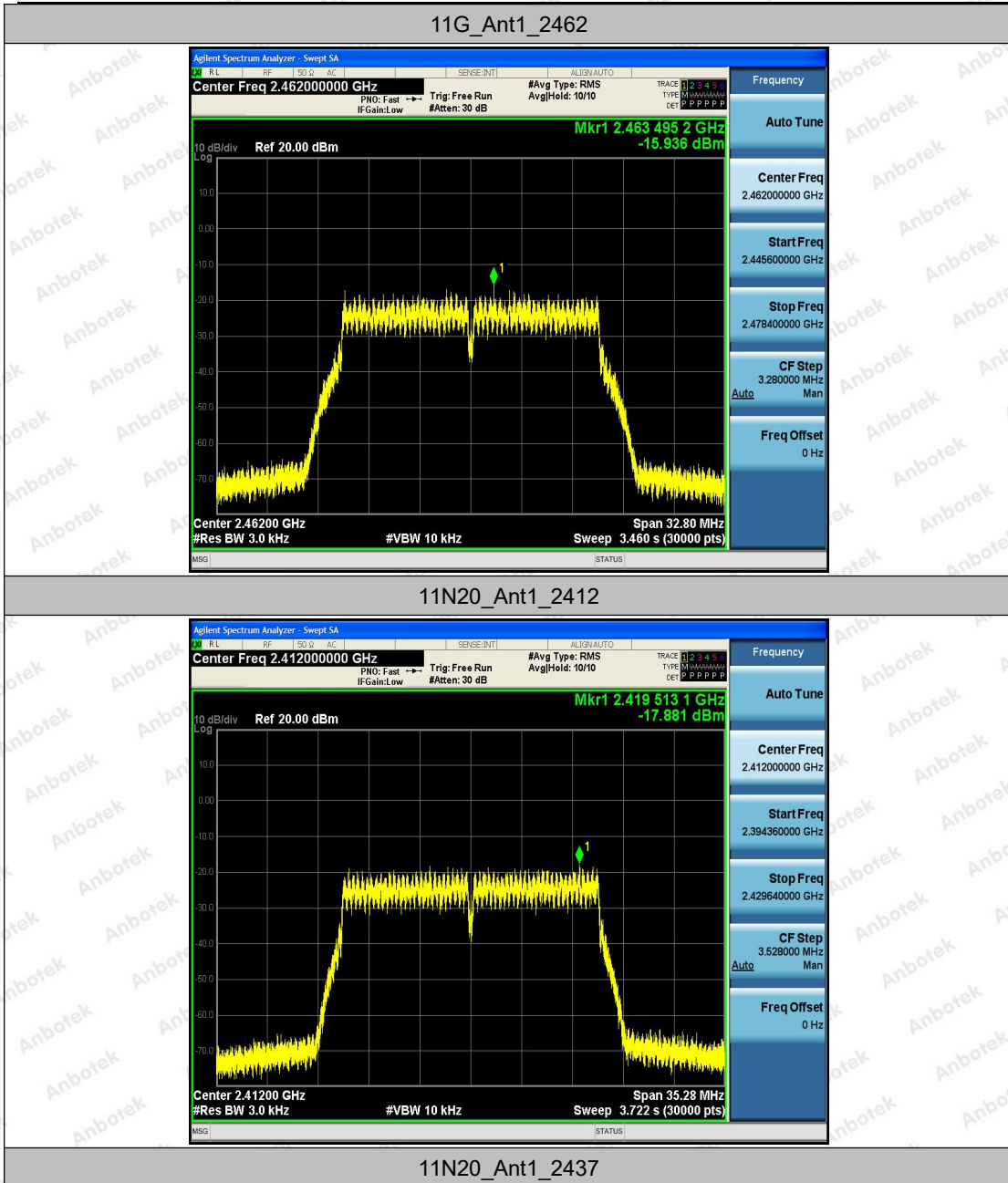
11G_Ant1_2437



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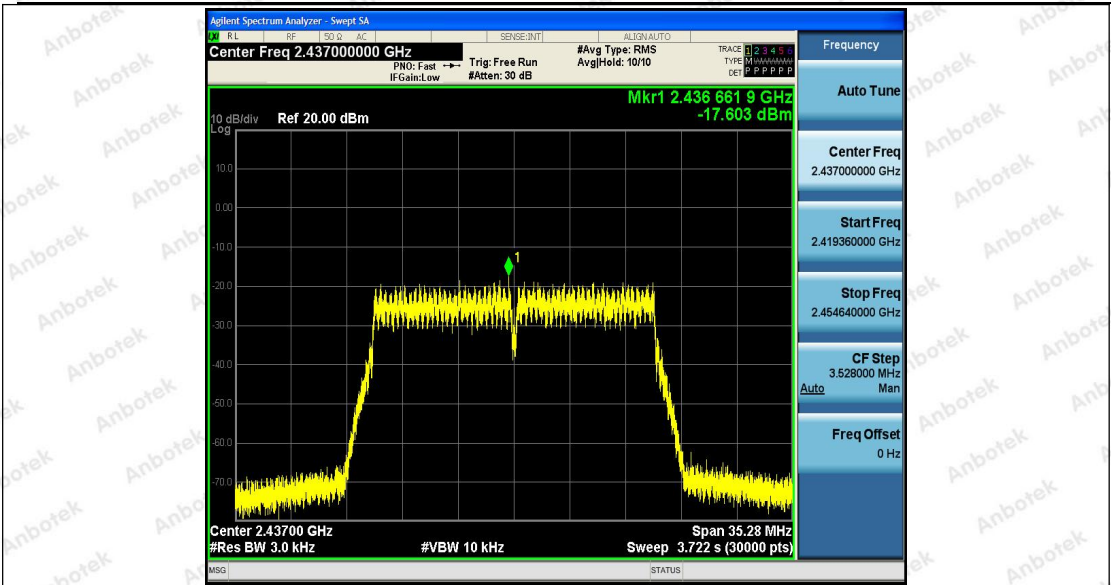
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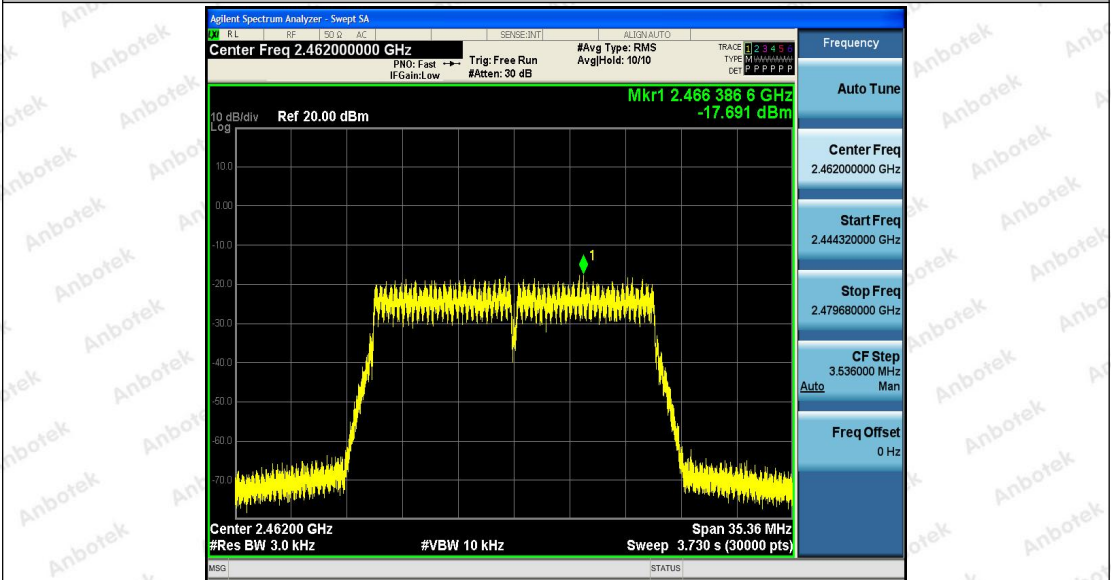
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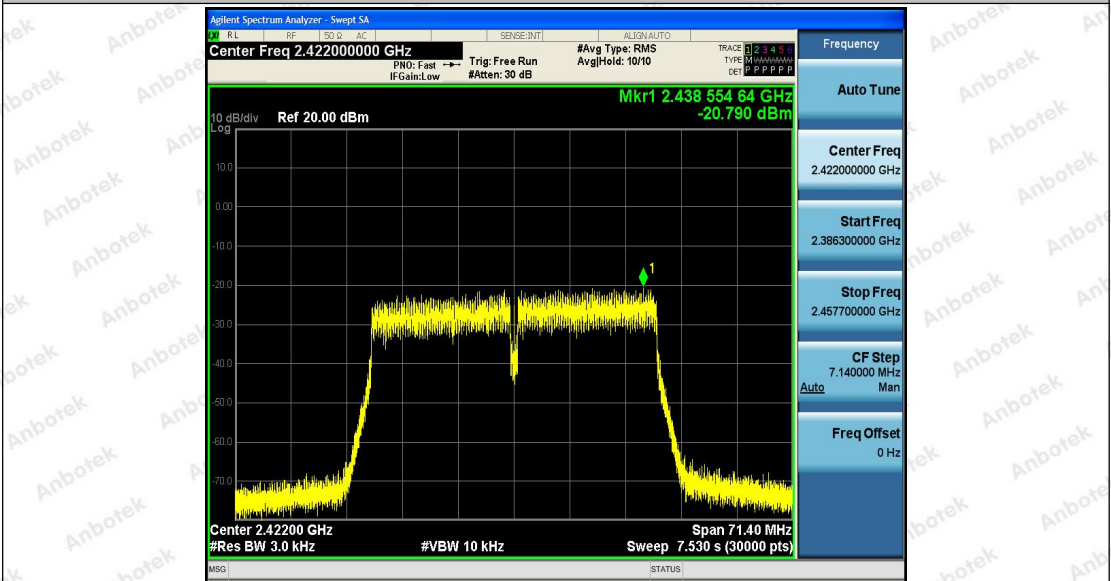
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11N20_Ant1_2462



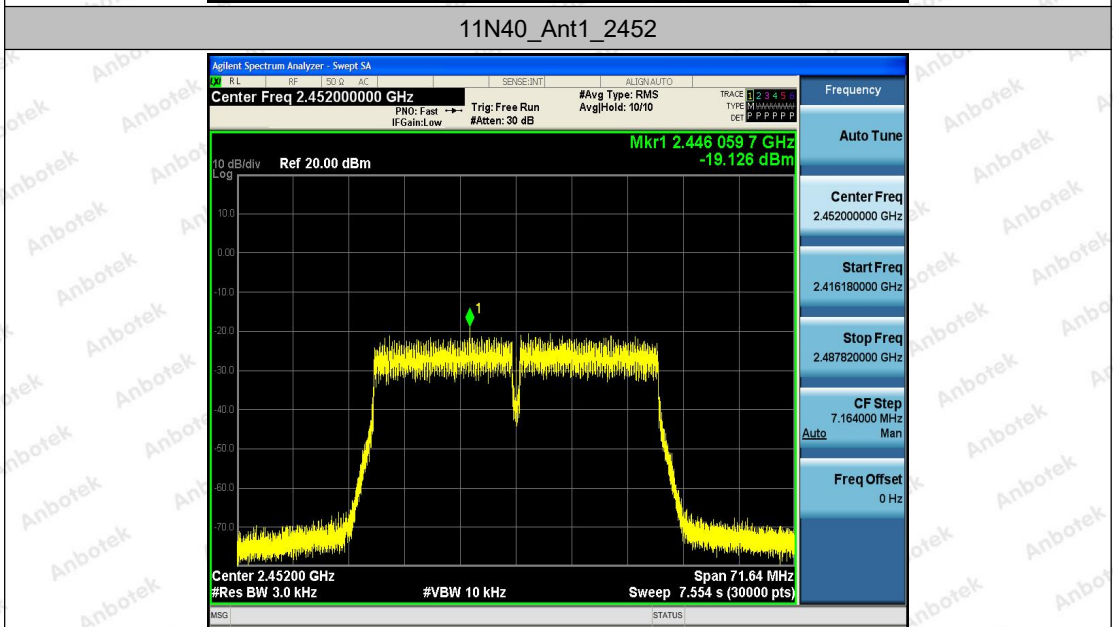
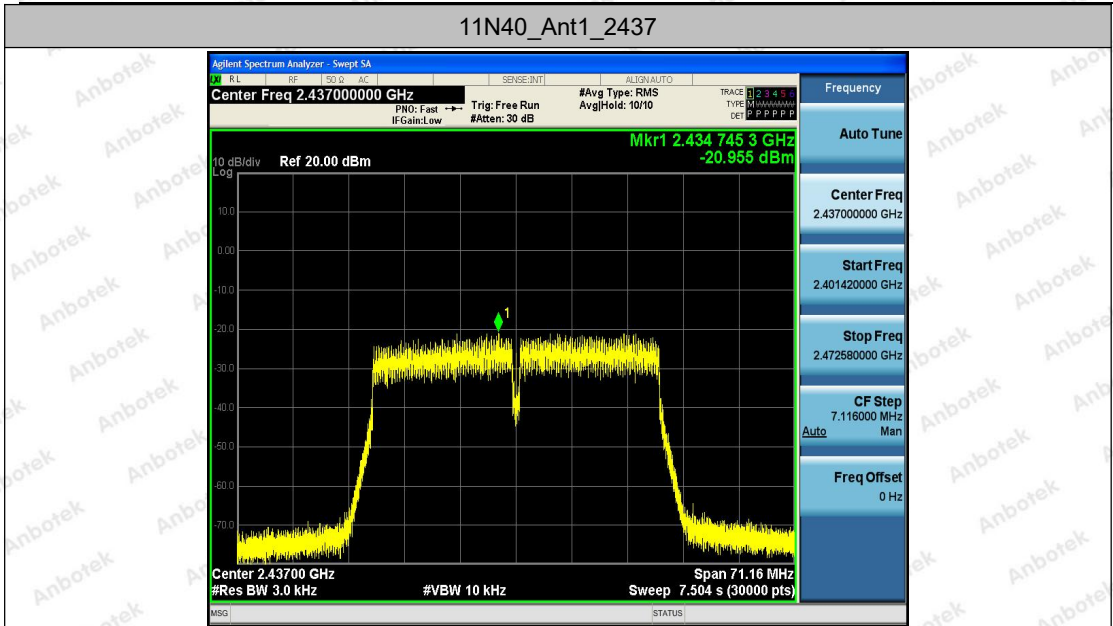
11N40_Ant1_2422



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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	3.35	-48.19	≤-16.65	PASS
		High	2462	3.54	-55.89	≤-16.46	PASS
11G	Ant1	Low	2412	-4.02	-49.84	≤-24.02	PASS
		High	2462	-3.58	-52.86	≤-23.58	PASS
11N20	Ant1	Low	2412	-3.68	-48.71	≤-23.68	PASS
		High	2462	-3.66	-53.24	≤-23.66	PASS
11N40	Ant1	Low	2422	-6.08	-48.25	≤-26.08	PASS
		High	2452	-6.19	-50.12	≤-26.19	PASS