

Appendix Test Data

Report No.:	18220WC20268202	Test Sample No.:	1-2-2
Start Test Date:	2022.12.14	Finish Test Date:	2022.12.20
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.2°C	Relative Humidity:	40 %
Pressure:	1012 hPa		

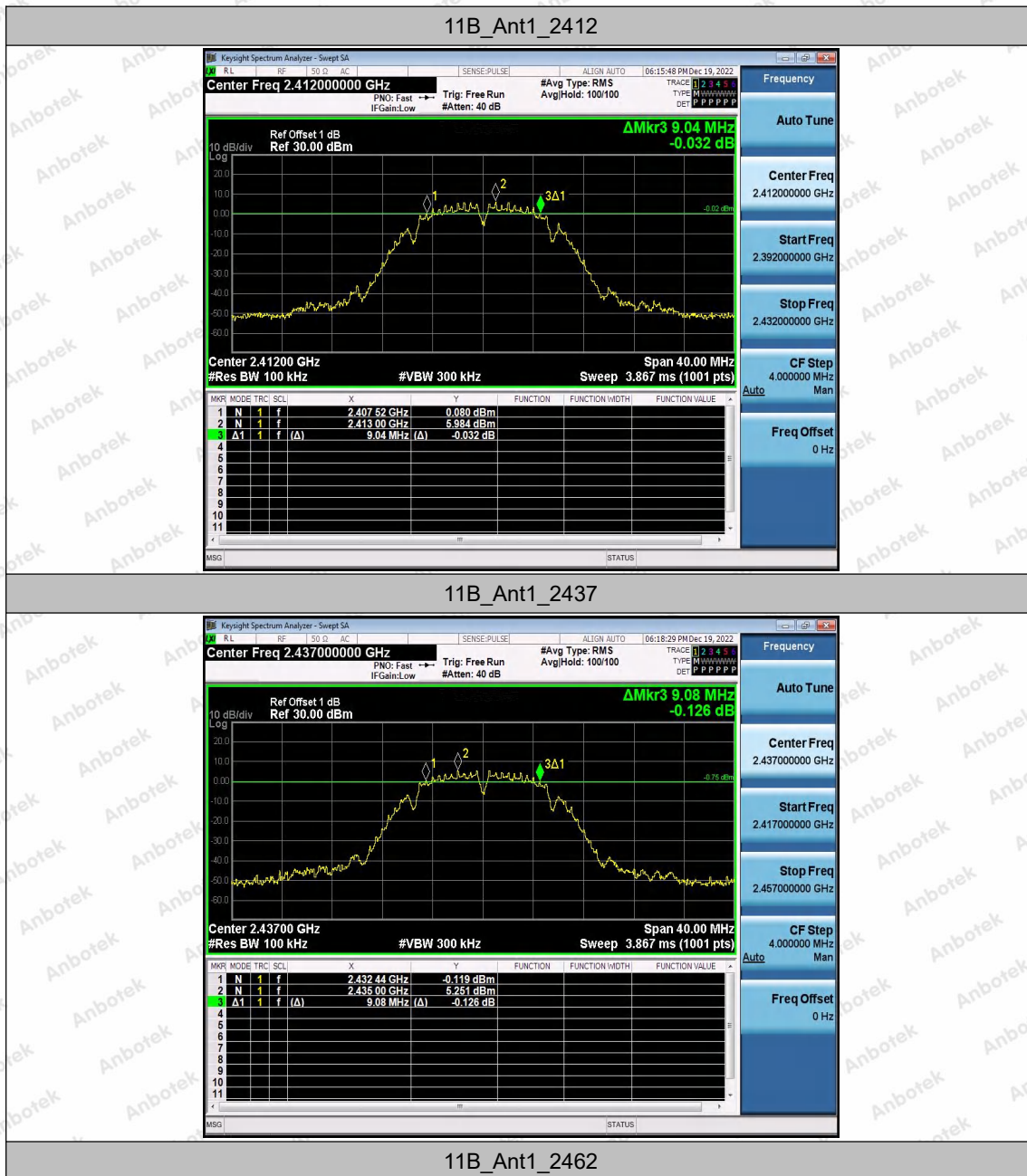
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.040	2407.520	2416.560	≥0.5	PASS
		2437	9.080	2432.440	2441.520	≥0.5	PASS
		2462	9.080	2457.480	2466.560	≥0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	≥0.5	PASS
		2437	16.360	2428.800	2445.160	≥0.5	PASS
		2462	16.360	2453.800	2470.160	≥0.5	PASS
11N20	Ant1	2412	17.640	2403.200	2420.840	≥0.5	PASS
		2437	17.560	2428.240	2445.800	≥0.5	PASS
		2462	17.600	2453.200	2470.800	≥0.5	PASS
11N40	Ant1	2422	35.580	2404.240	2439.820	≥0.5	PASS
		2437	35.940	2418.880	2454.820	≥0.5	PASS
		2452	36.000	2433.880	2469.880	≥0.5	PASS



Test Graphs



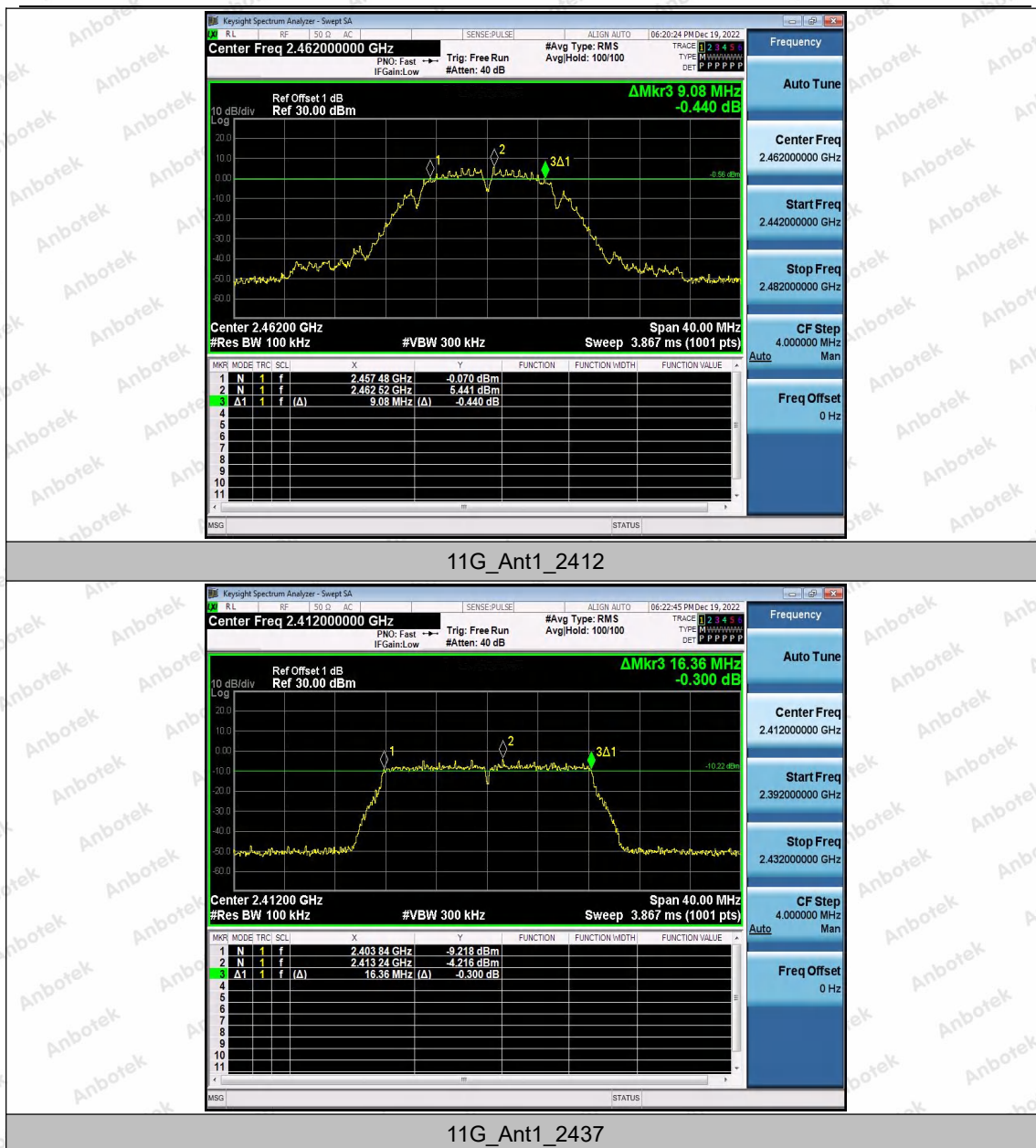
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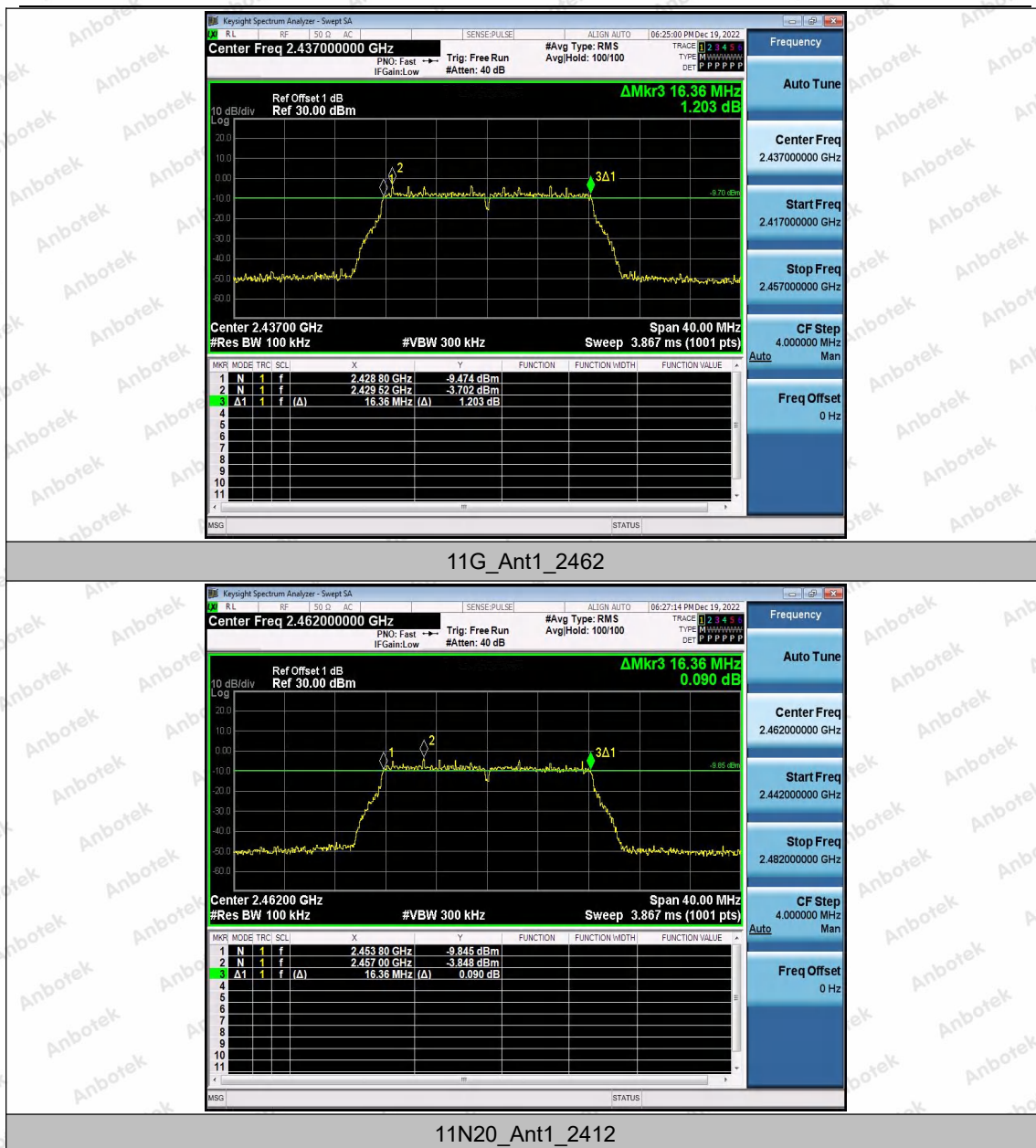
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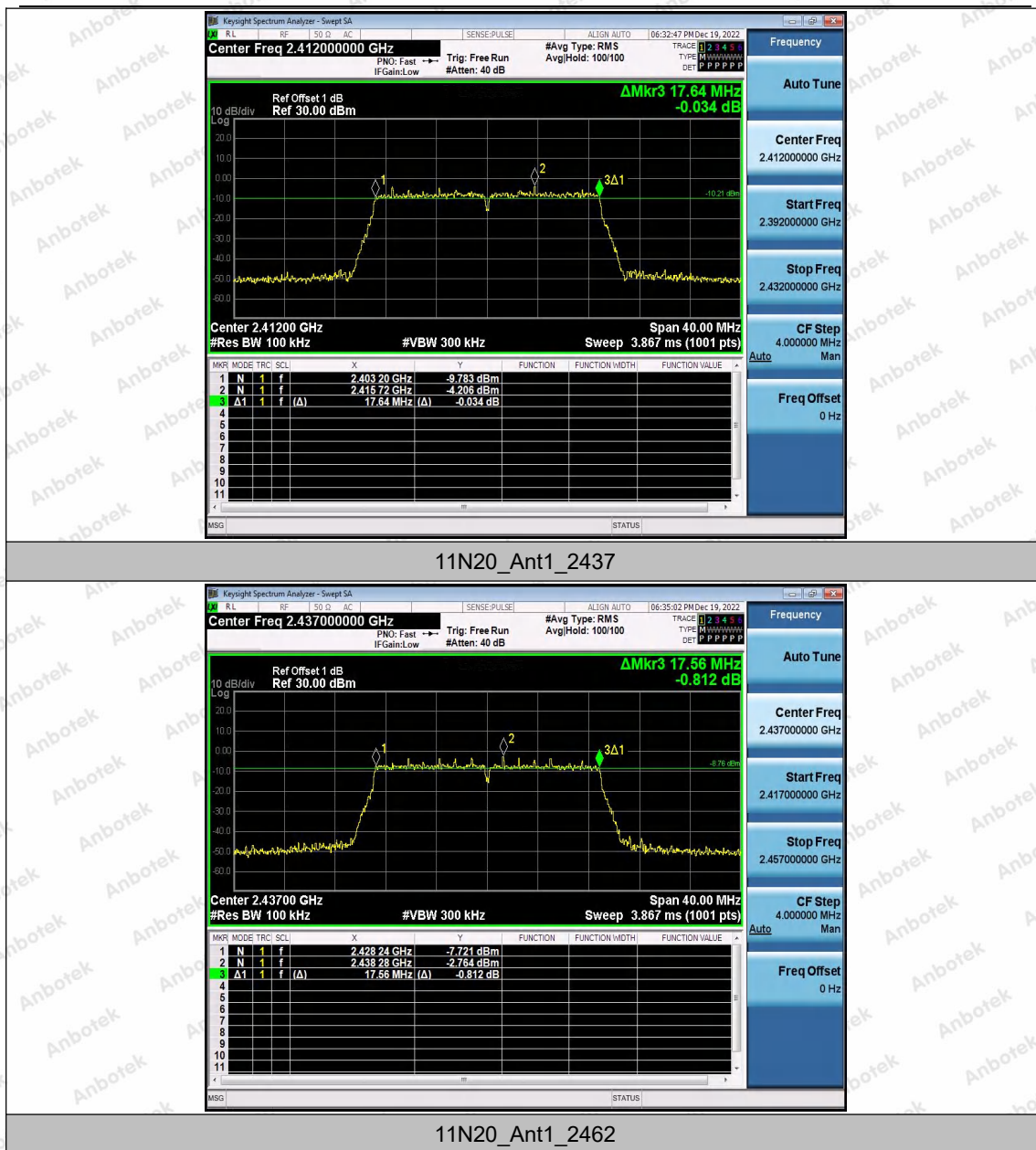
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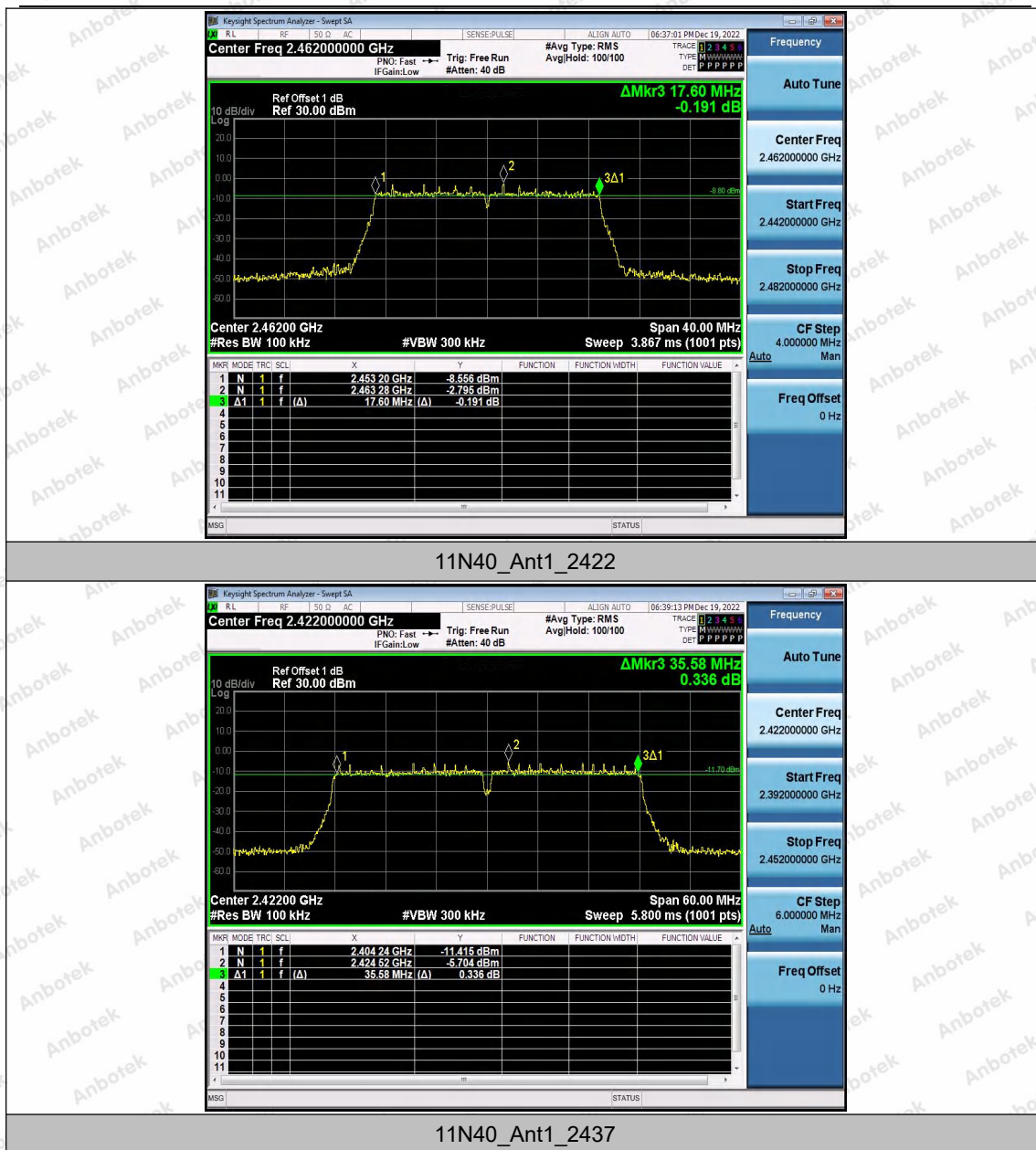
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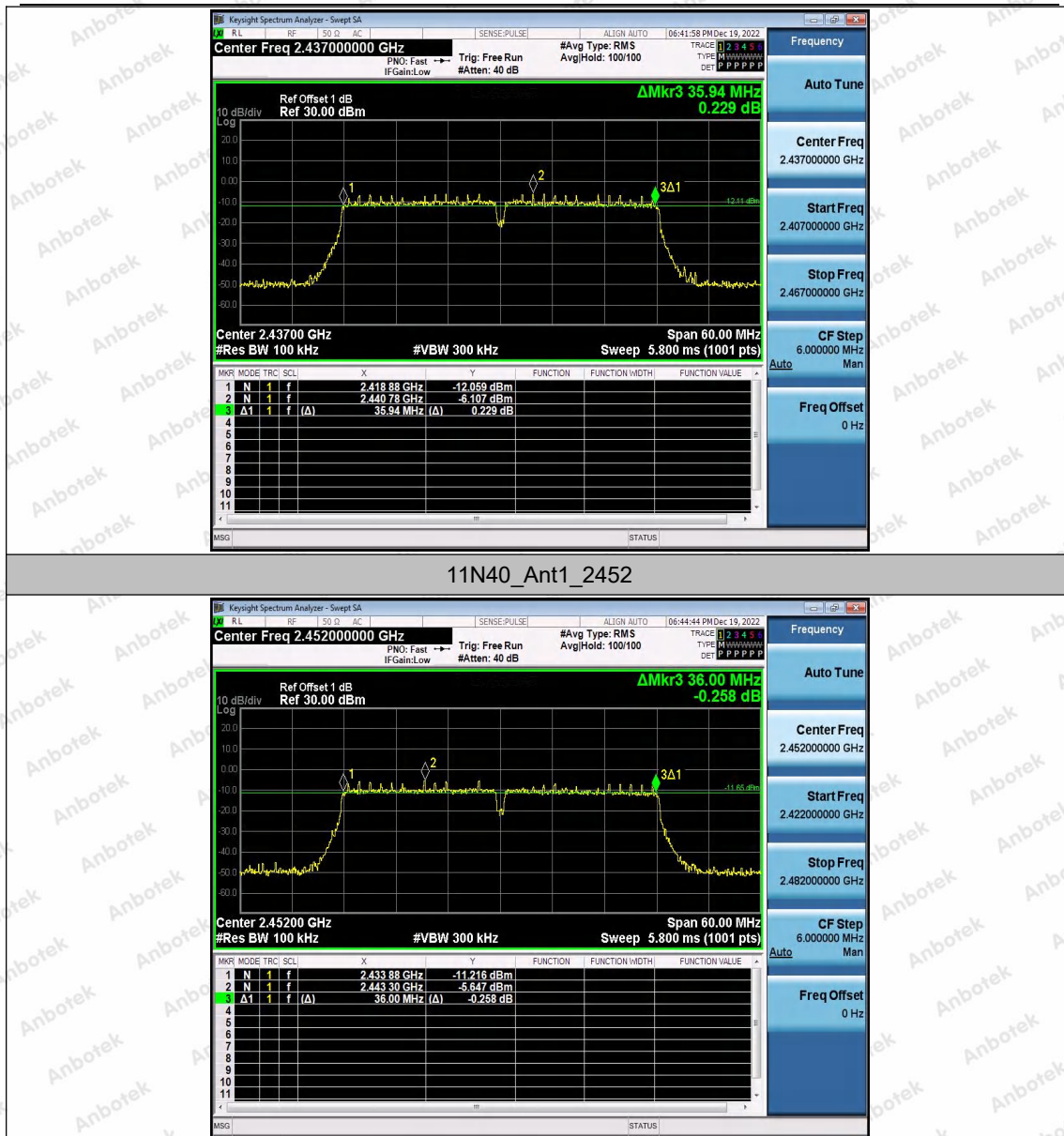
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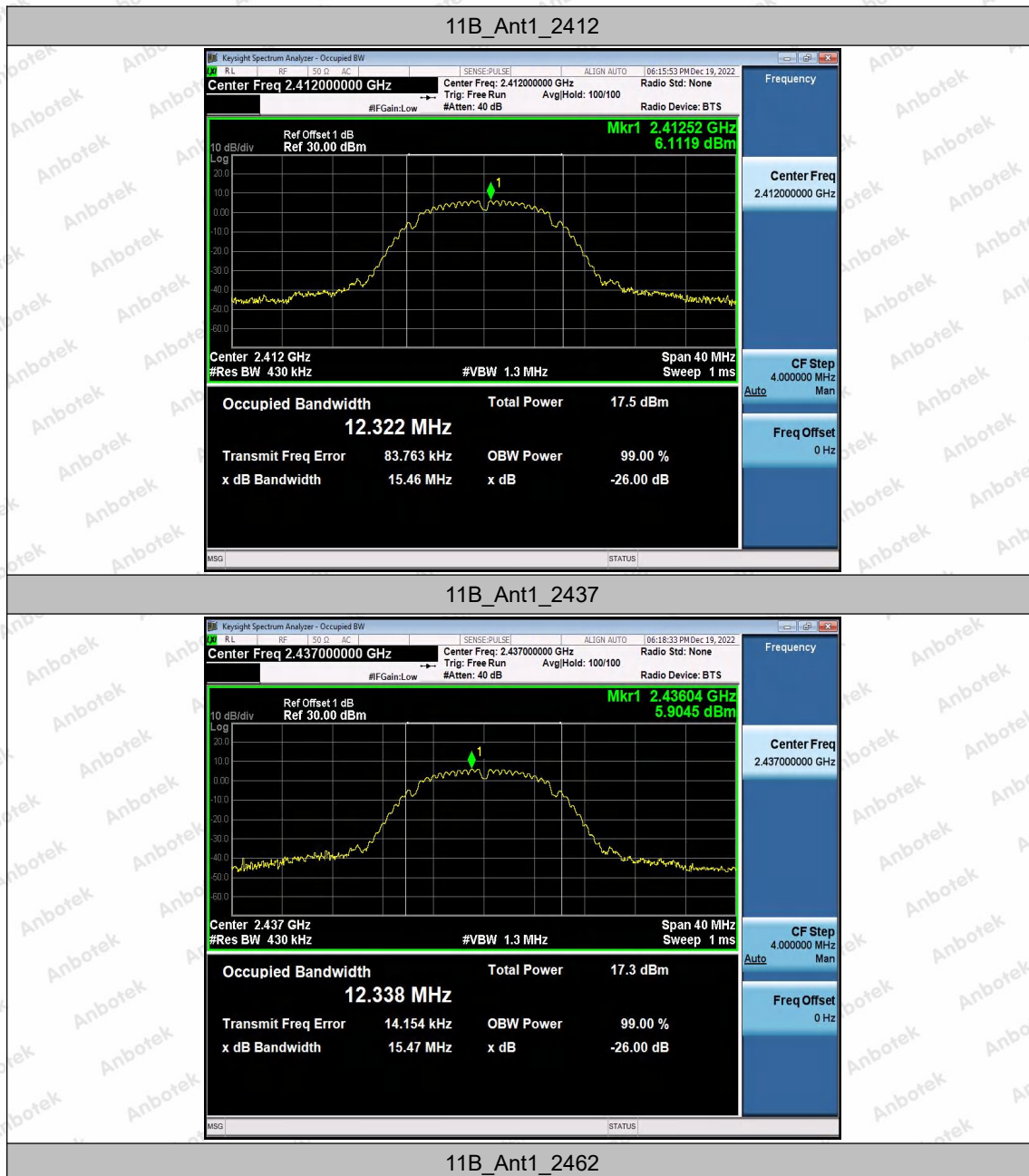
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.322	2405.9228	2418.2448	---	---
		2437	12.338	2430.8452	2443.1832	---	---
		2462	12.436	2455.7465	2468.1825	---	---
11G	Ant1	2412	17.064	2403.5315	2420.5955	---	---
		2437	17.034	2428.4724	2445.5064	---	---
		2462	17.096	2453.3951	2470.4911	---	---
11N20	Ant1	2412	17.949	2403.0809	2421.0299	---	---
		2437	17.946	2428.0593	2446.0053	---	---
		2462	17.940	2453.0297	2470.9697	---	---
11N40	Ant1	2422	36.159	2404.0072	2440.1662	---	---
		2437	36.129	2418.9653	2455.0943	---	---
		2452	36.094	2433.9541	2470.0481	---	---



Test Graphs



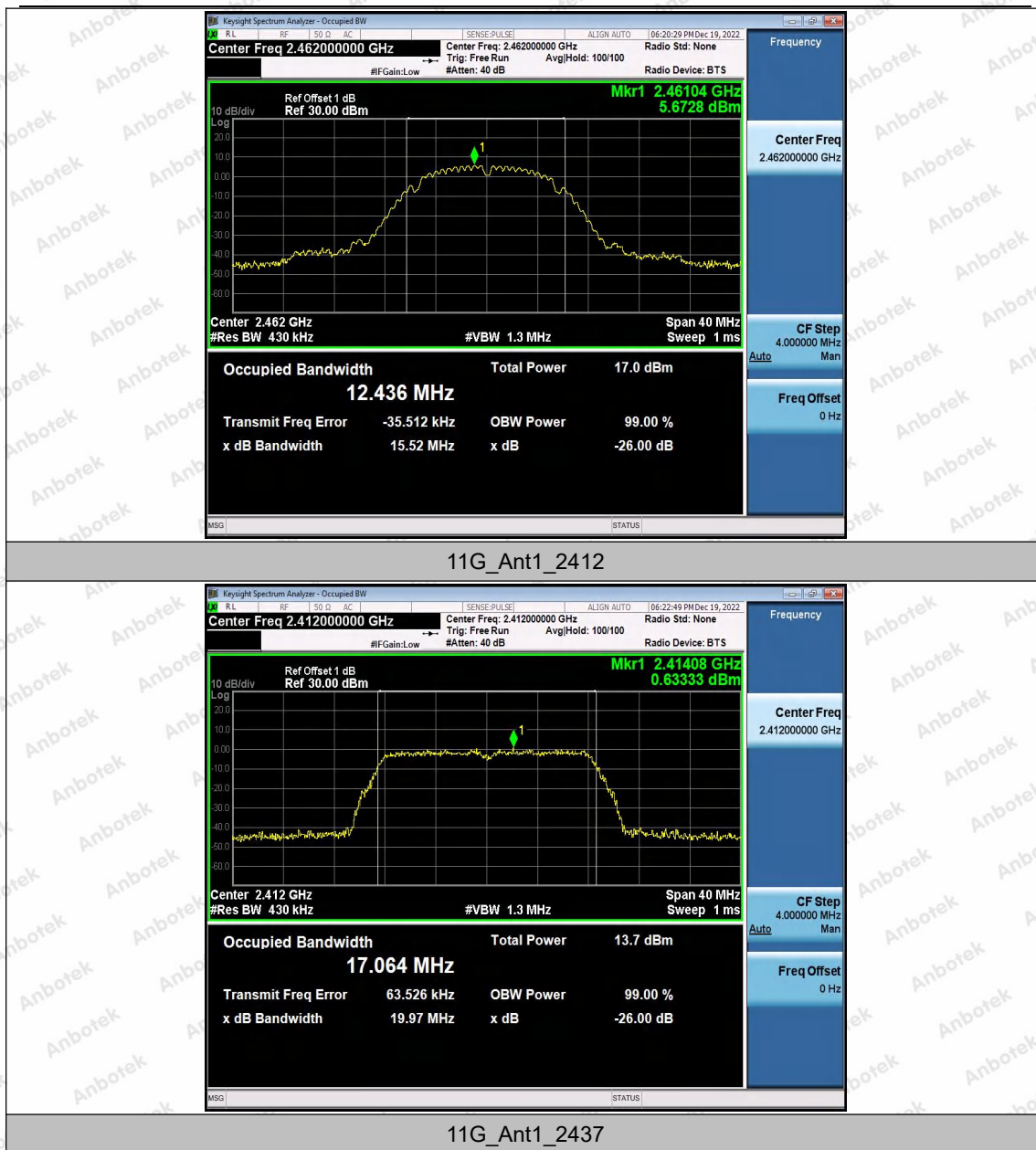
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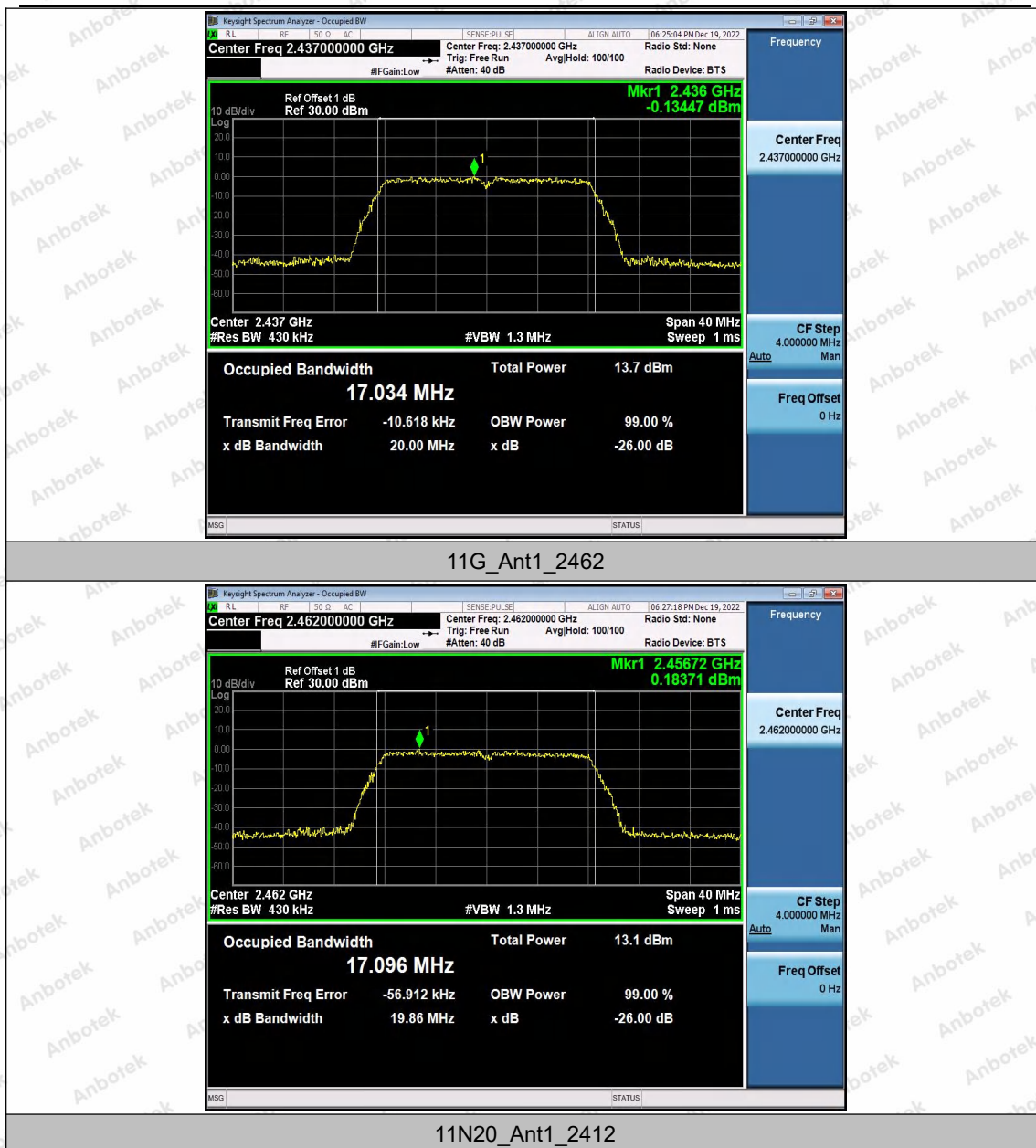
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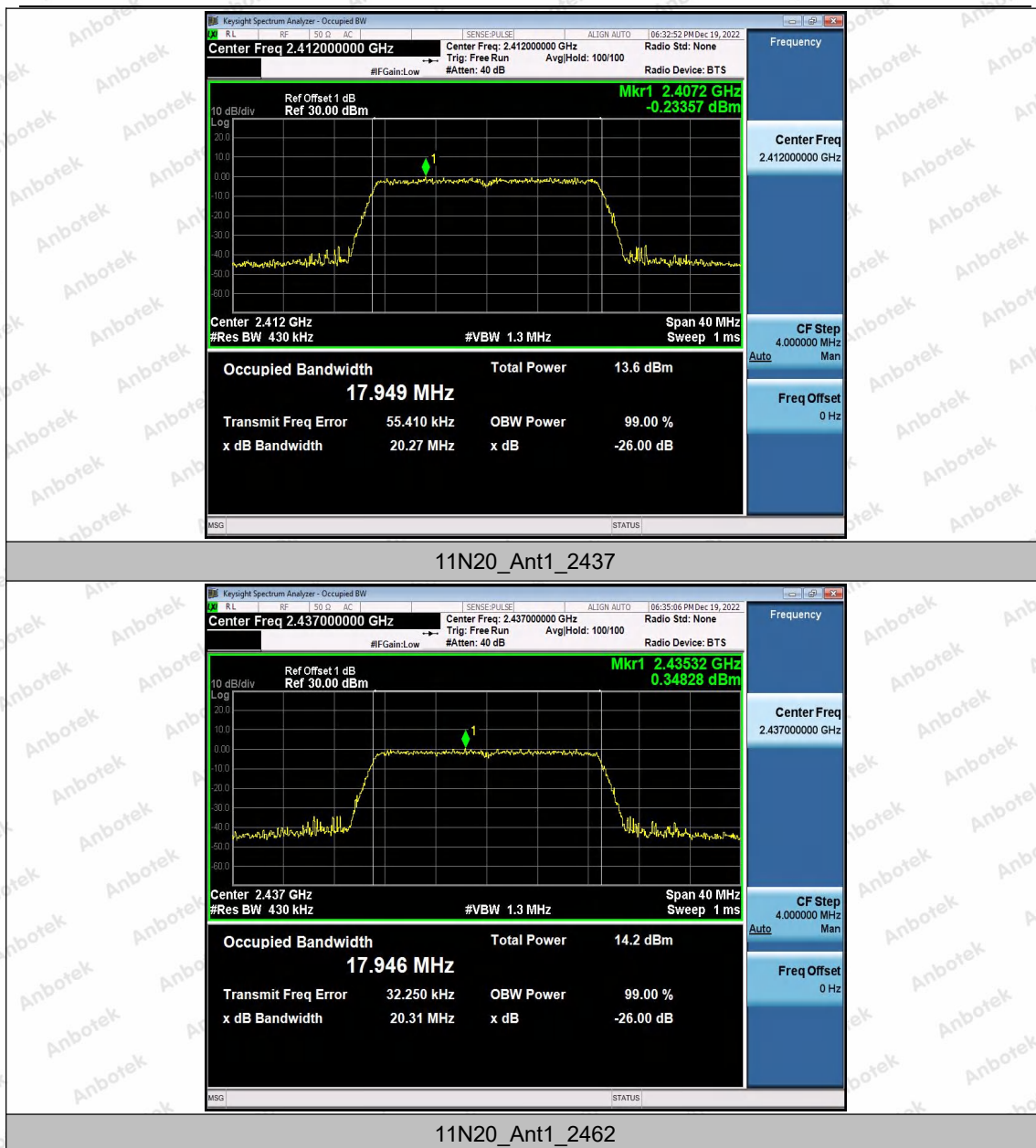
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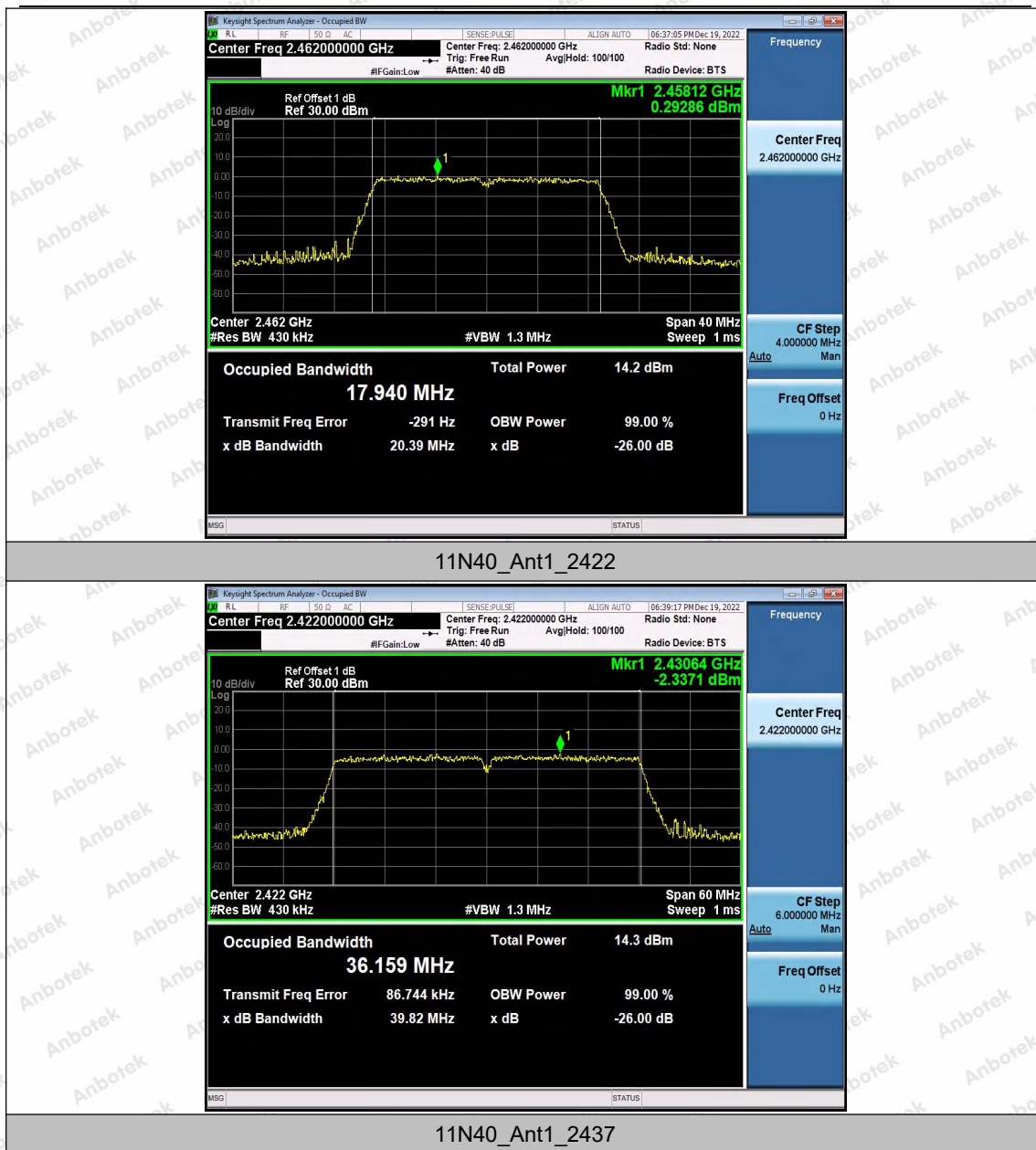
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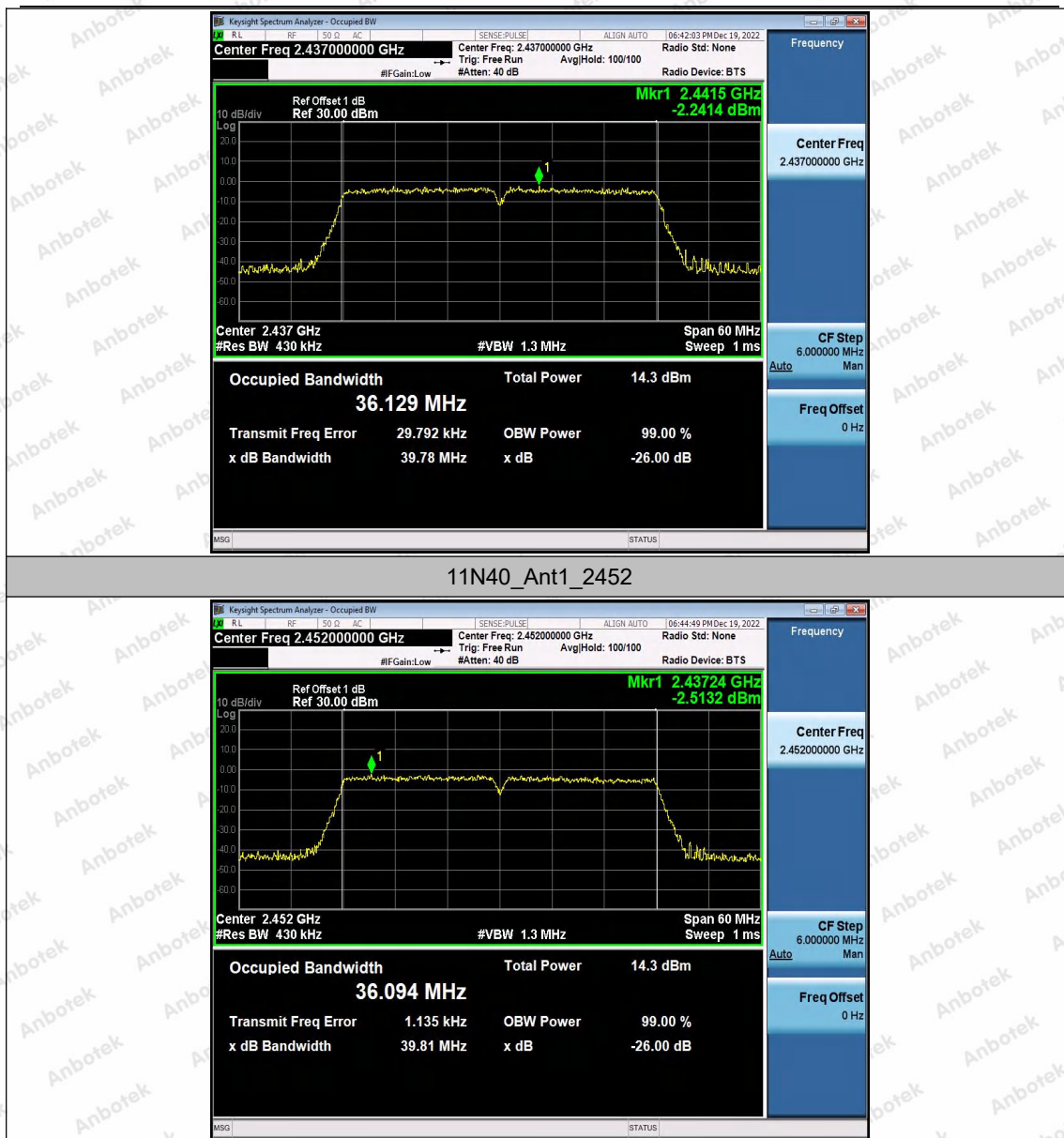
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	15.86	≤30.00
		2437	15.94	≤30.00
		2462	15.86	≤30.00
11G	Ant1	2412	14.64	≤30.00
		2437	14.85	≤30.00
		2462	14.30	≤30.00
11N20	Ant1	2412	14.78	≤30.00
		2437	15.40	≤30.00
		2462	15.42	≤30.00
11N40	Ant1	2422	12.98	≤30.00
		2437	12.97	≤30.00
		2452	12.91	≤30.00



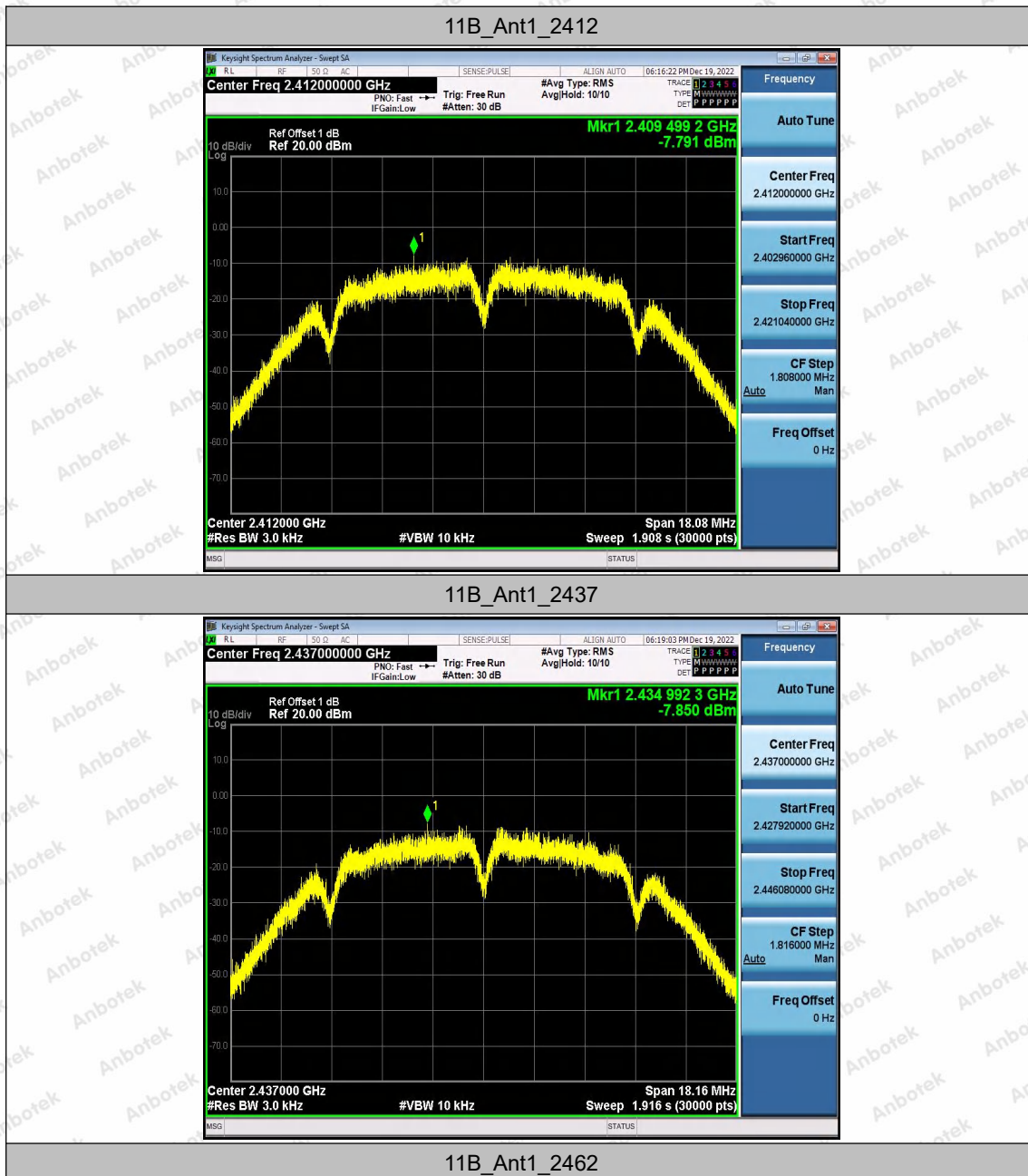
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.79	≤8.00	PASS
		2437	-7.85	≤8.00	PASS
		2462	-8.19	≤8.00	PASS
11G	Ant1	2412	-16.45	≤8.00	PASS
		2437	-16.75	≤8.00	PASS
		2462	-17.91	≤8.00	PASS
11N20	Ant1	2412	-18.13	≤8.00	PASS
		2437	-17.09	≤8.00	PASS
		2462	-17.3	≤8.00	PASS
11N40	Ant1	2422	-20.2	≤8.00	PASS
		2437	-19.73	≤8.00	PASS
		2452	-19.82	≤8.00	PASS



Test Graphs



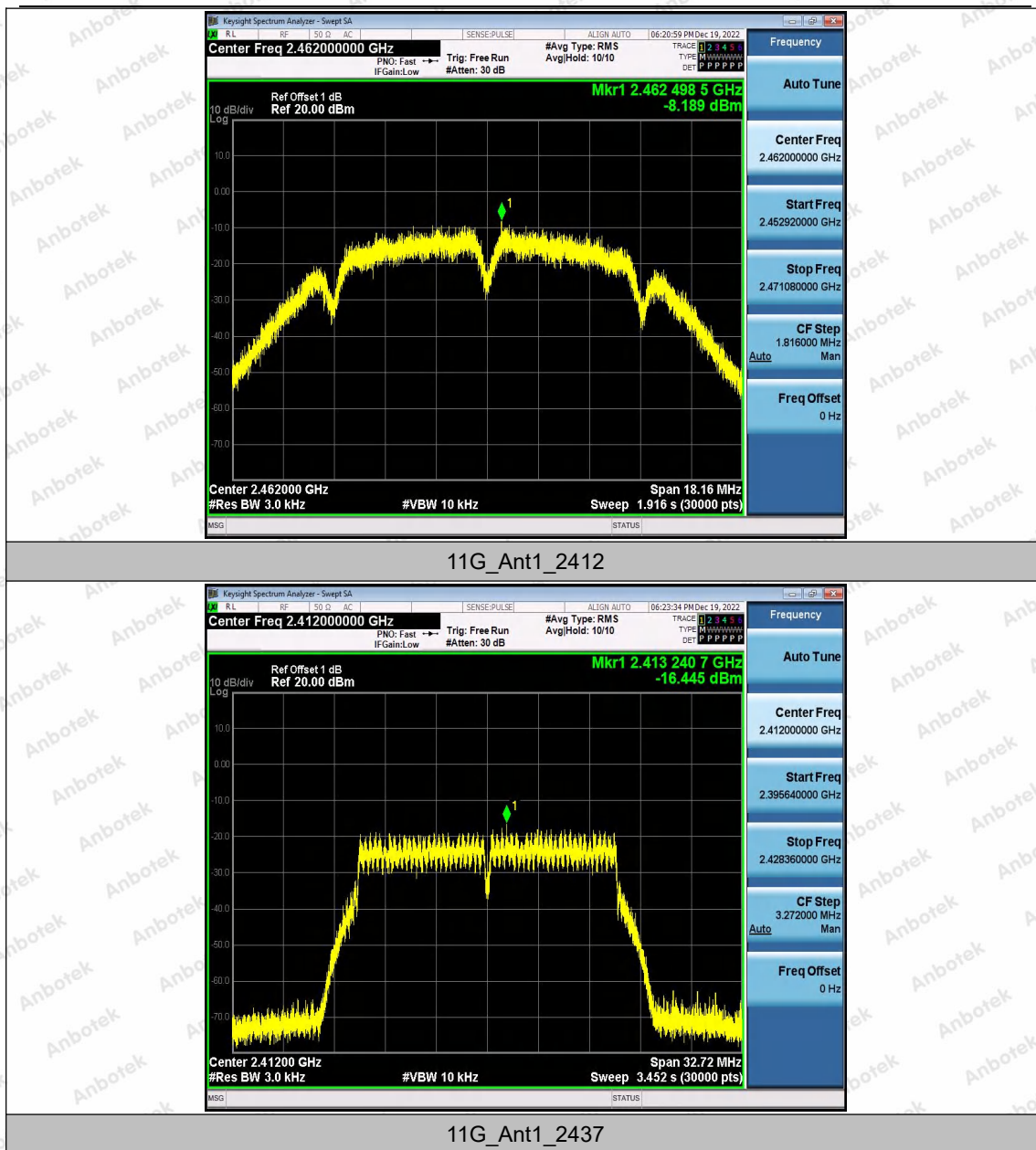
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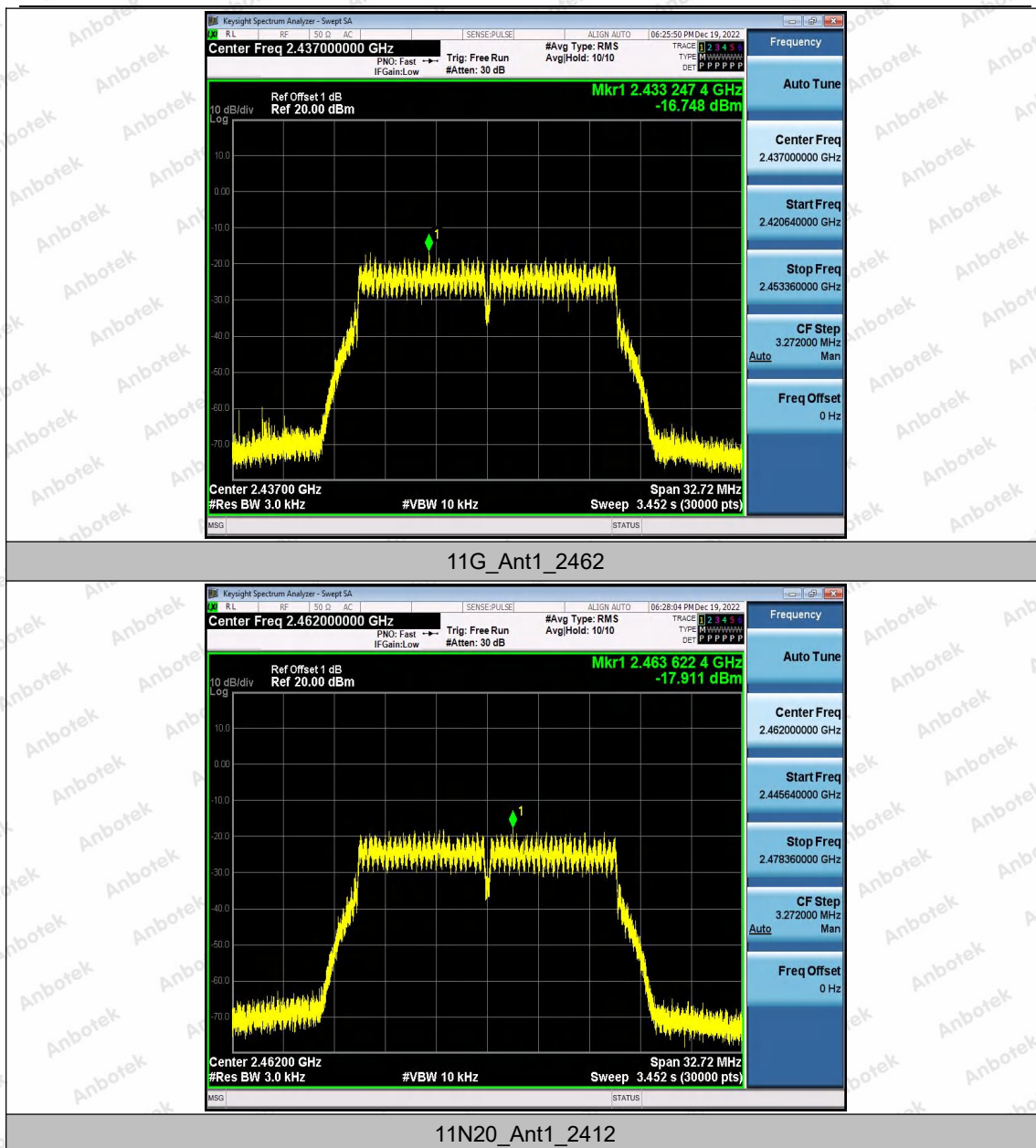
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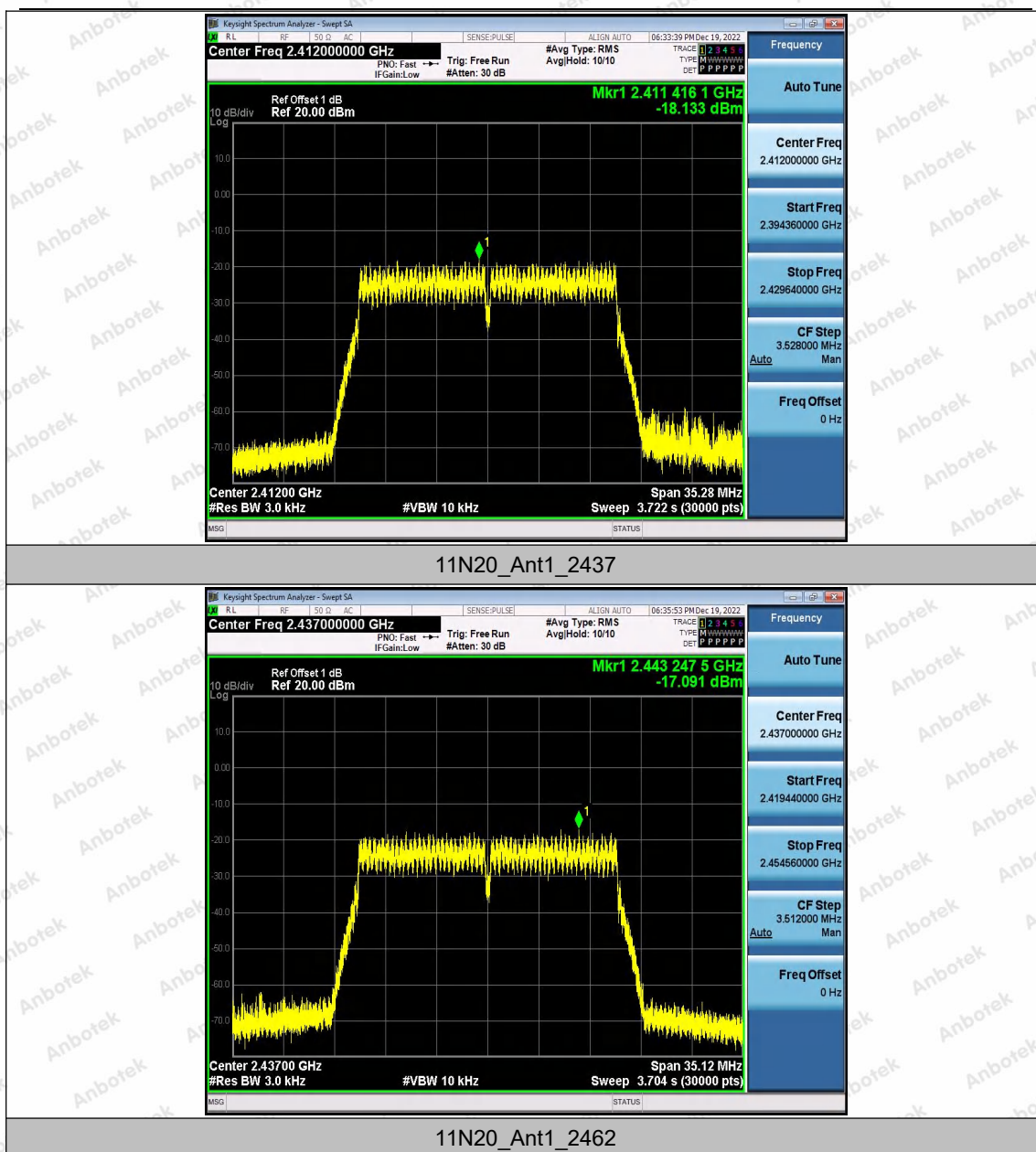
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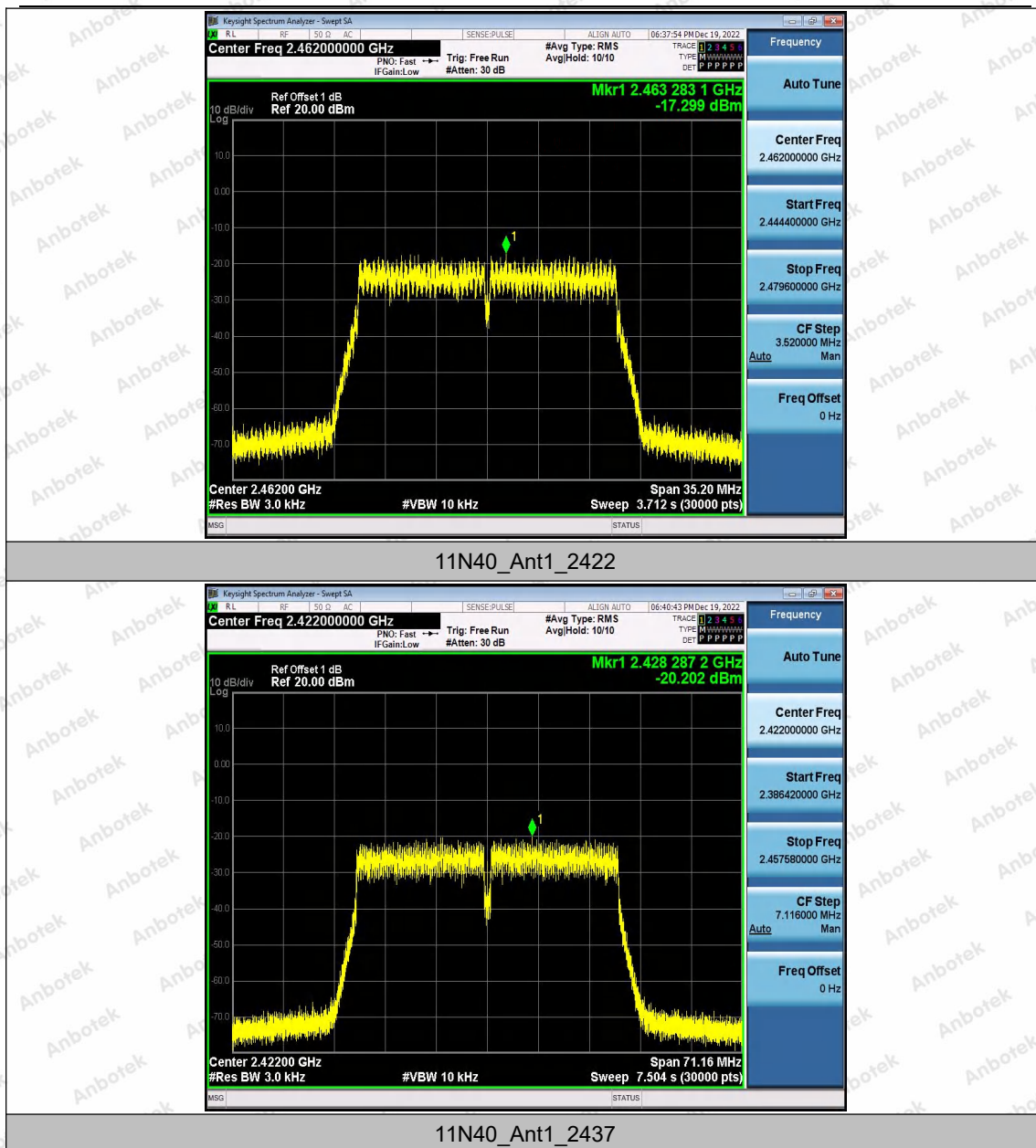
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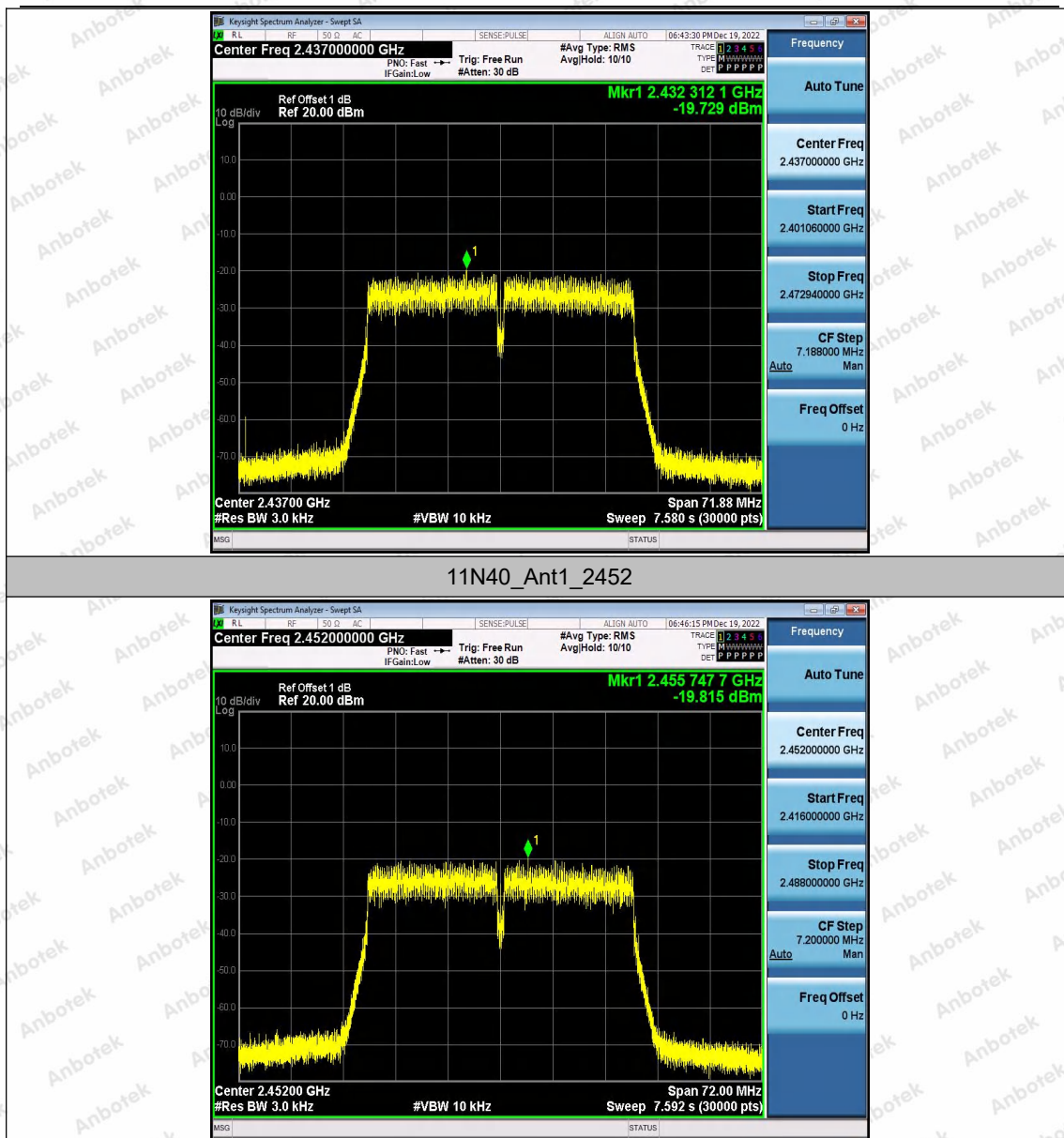
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Appendix E: Band edge measurements

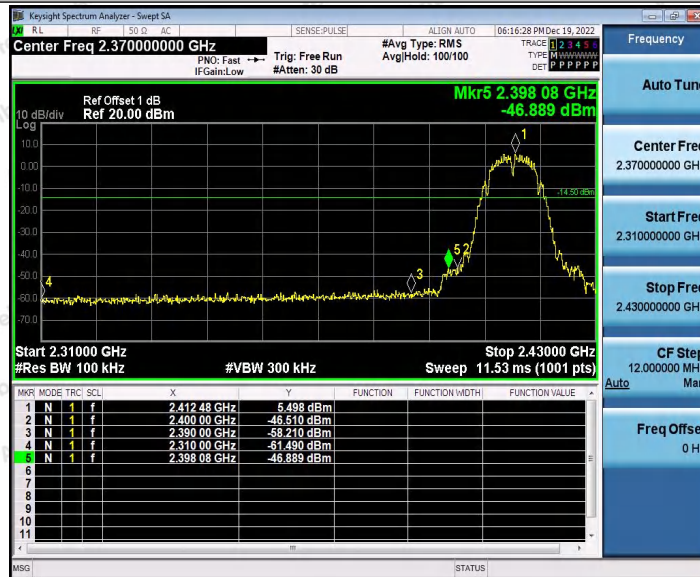
Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	5.50	-46.89	≤-14.5	PASS
		High	2462	5.43	-55.51	≤-14.57	PASS
11G	Ant1	Low	2412	-4.47	-48.86	≤-24.47	PASS
		High	2462	-4.39	-55.81	≤-24.39	PASS
11N20	Ant1	Low	2412	-3.97	-49.82	≤-23.97	PASS
		High	2462	-2.97	-54.4	≤-22.97	PASS
11N40	Ant1	Low	2422	-5.77	-47.29	≤-25.77	PASS
		High	2452	-5.66	-52.89	≤-25.66	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

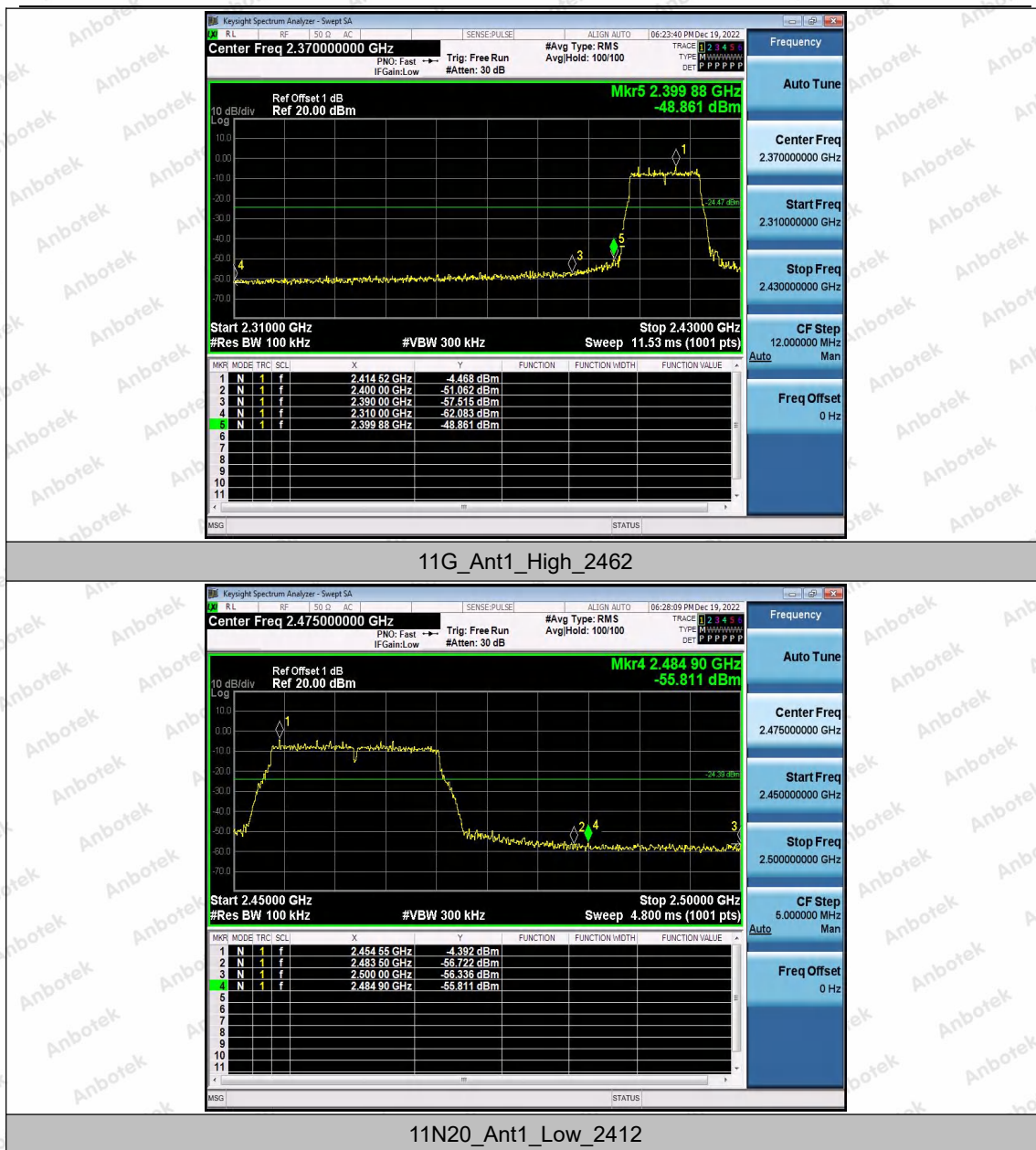
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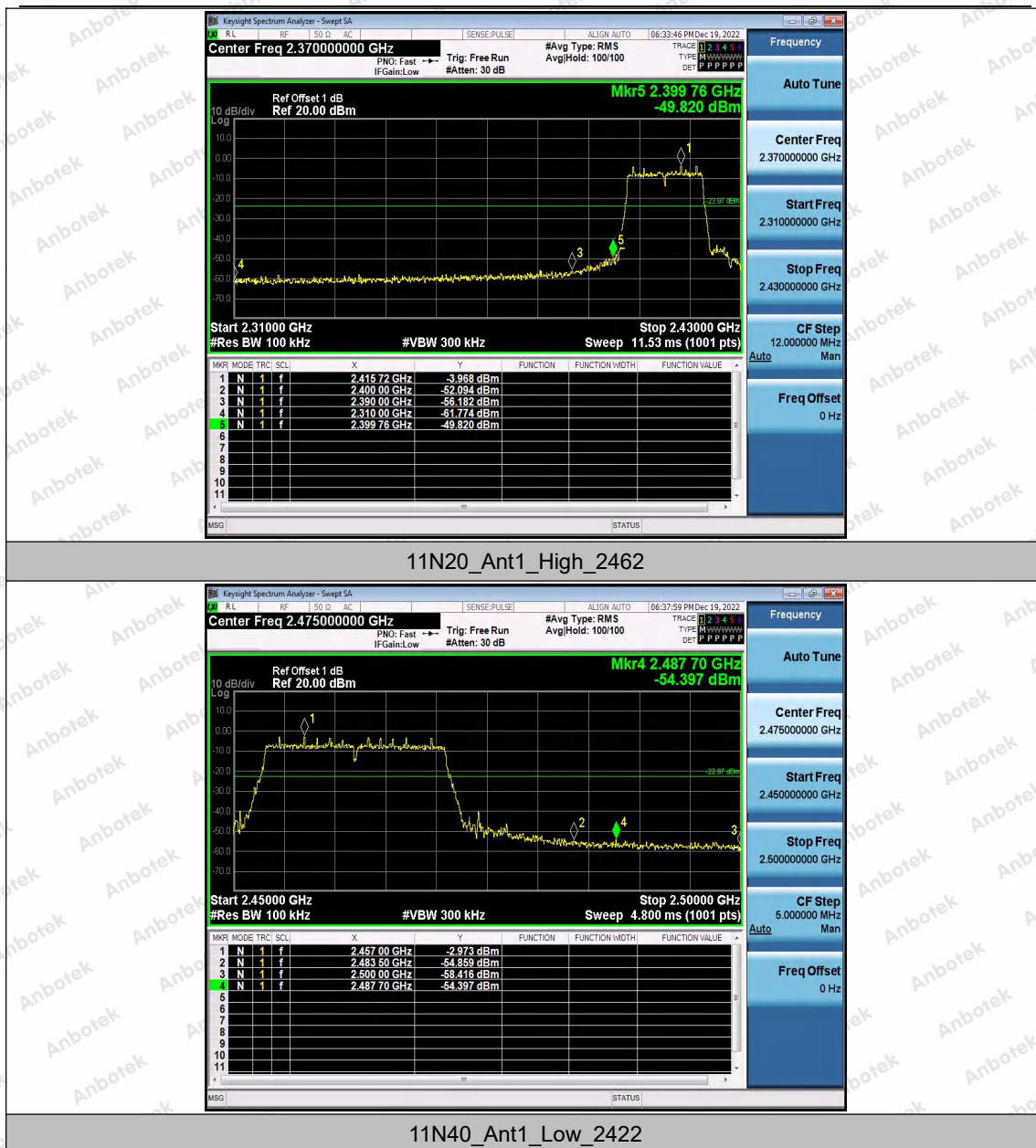
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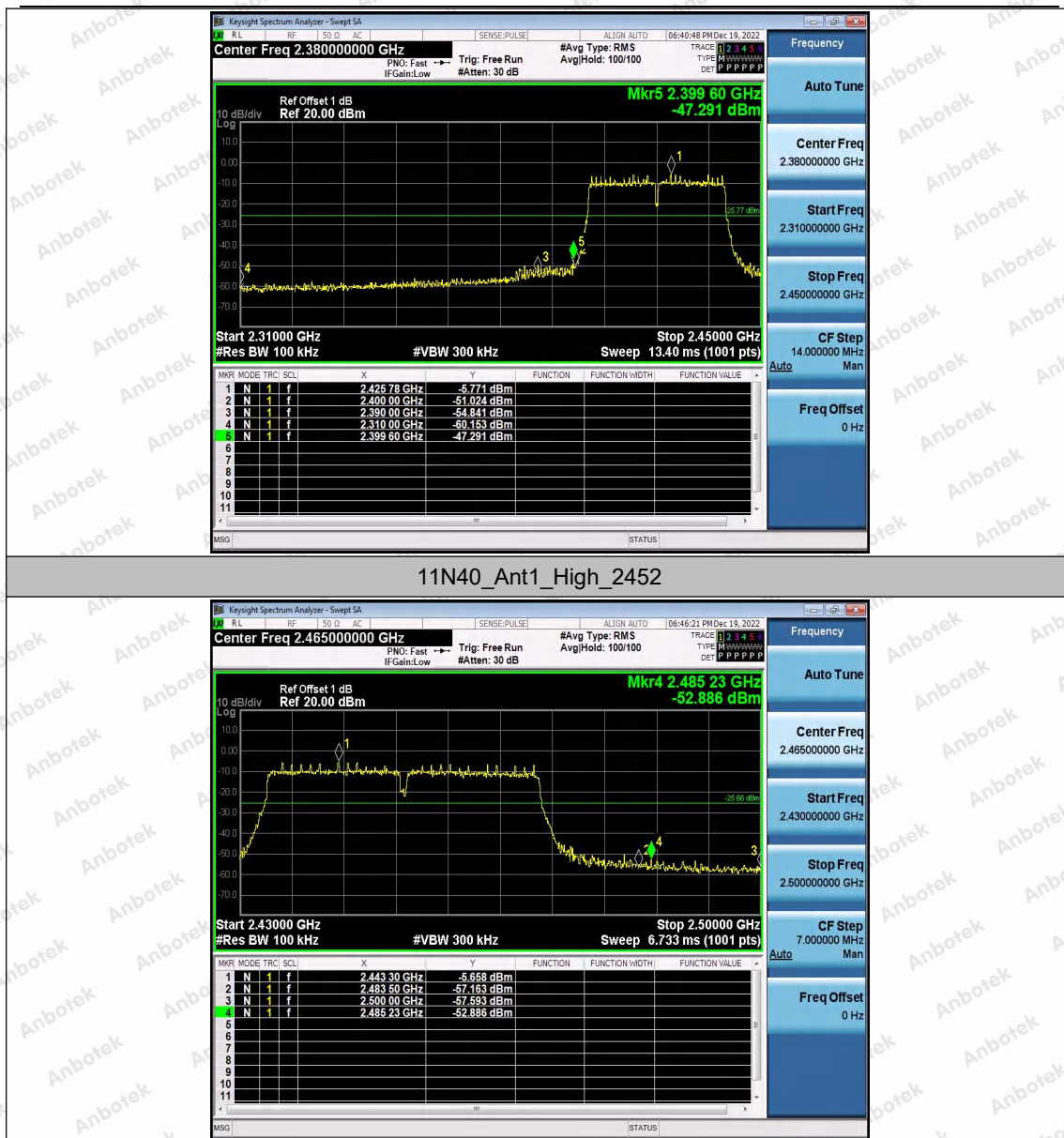
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