

Appendix Test Data

Report No.:	18220WC20246902	Test Sample No.:	1-2-2
Start Test Date:	2022.10.18	Finish Test Date:	2022.10.21
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3℃	Relative Humidity:	47 %
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	8.520	2407.880	2416.400	≥0.5	PASS
		2437	9.640	2432.200	2441.840	≥0.5	PASS
		2462	9.280	2457.440	2466.720	≥0.5	PASS
11G	Ant1	2412	16.400	2403.800	2420.200	≥0.5	PASS
		2437	16.400	2428.760	2445.160	≥0.5	PASS
		2462	16.280	2453.880	2470.160	≥0.5	PASS
11N20	Ant1	2412	17.600	2403.200	2420.800	≥0.5	PASS
		2437	17.600	2428.160	2445.760	≥0.5	PASS
		2462	17.680	2453.160	2470.840	≥0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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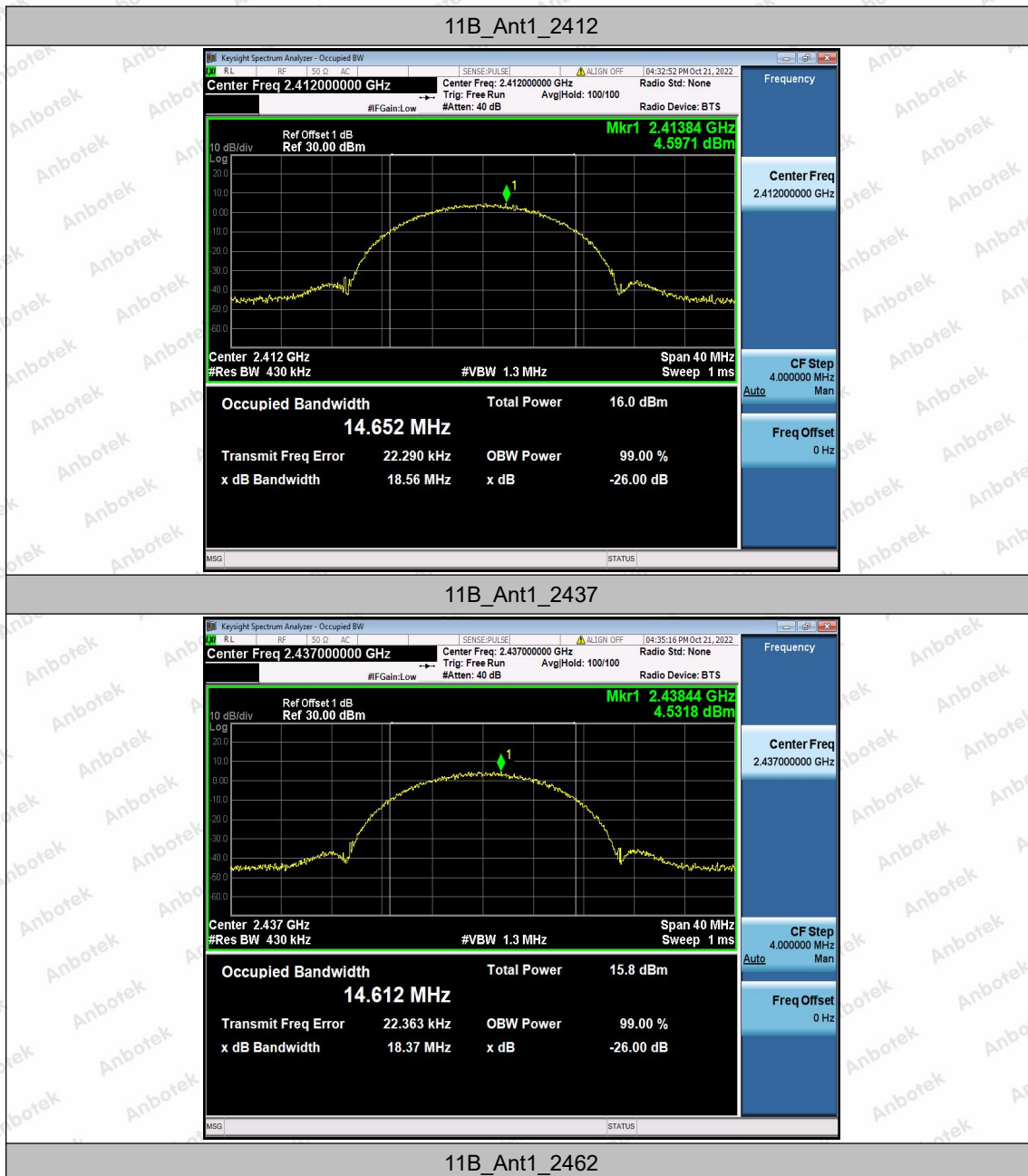
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	14.652	2404.6963	2419.3483
		2437	14.612	2429.7164	2444.3284
		2462	14.647	2454.6922	2469.3392
11G	Ant1	2412	16.914	2403.5843	2420.4983
		2437	16.738	2428.6664	2445.4044
		2462	16.890	2453.6123	2470.5023
11N20	Ant1	2412	17.958	2403.0110	2420.9690
		2437	17.834	2428.0905	2445.9245
		2462	18.172	2452.9752	2471.1472



Test Graphs



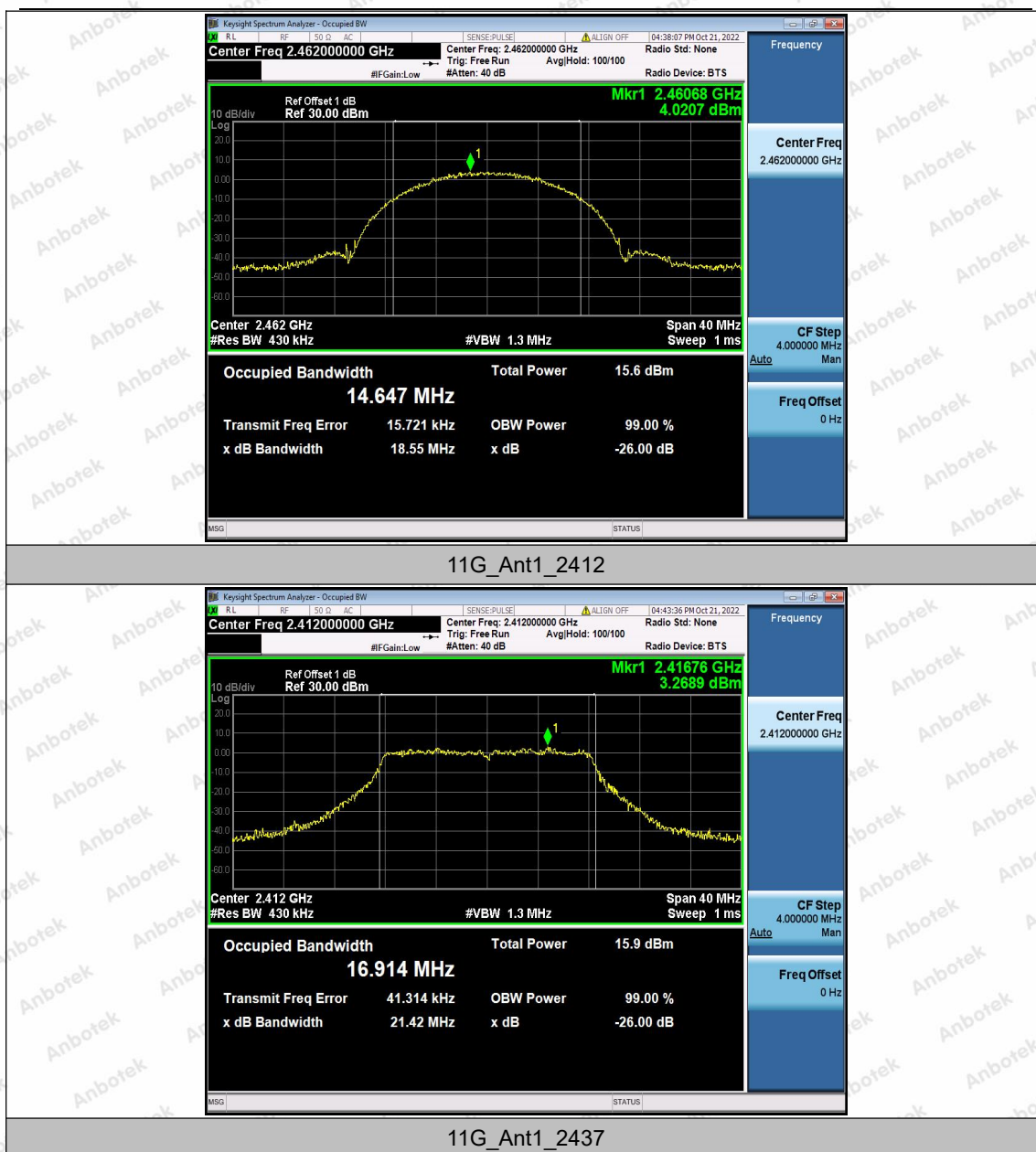
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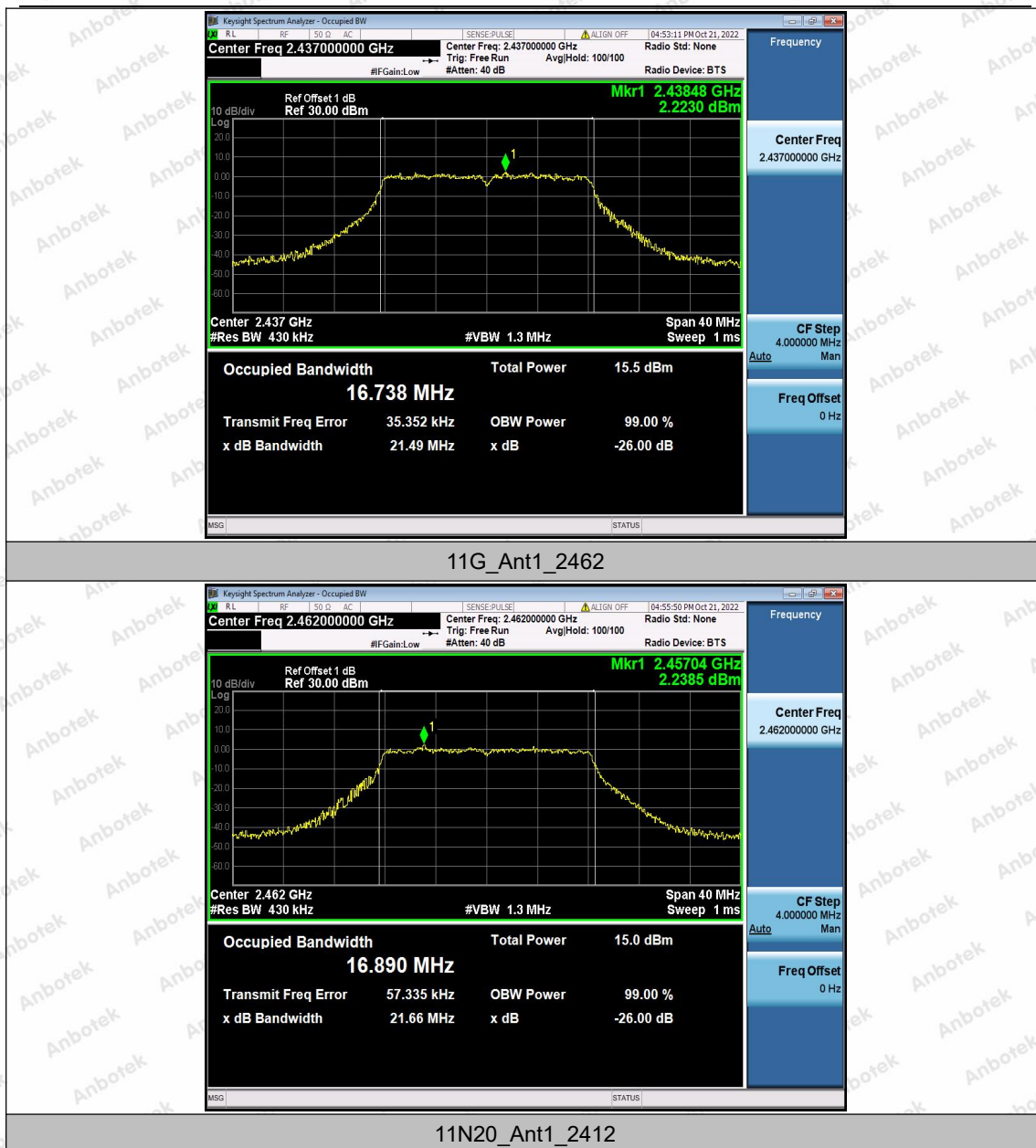
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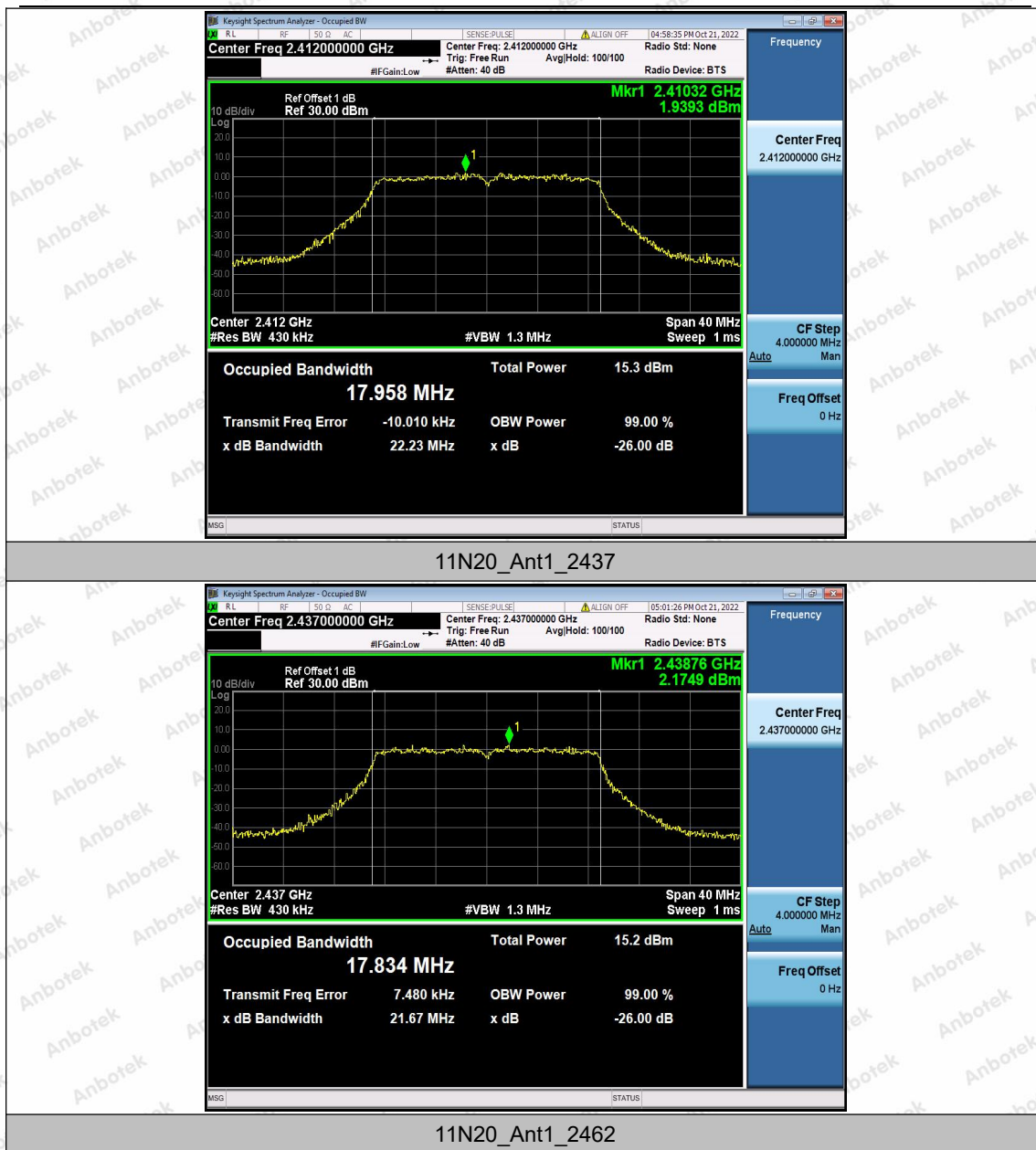
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	15.57	≤30.00
		2437	15.34	≤30.00
		2462	15.07	≤30.00
11G	Ant1	2412	16.62	≤30.00
		2437	16.27	≤30.00
		2462	15.63	≤30.00
11N20	Ant1	2412	16.19	≤30.00
		2437	16.17	≤30.00
		2462	15.86	≤30.00



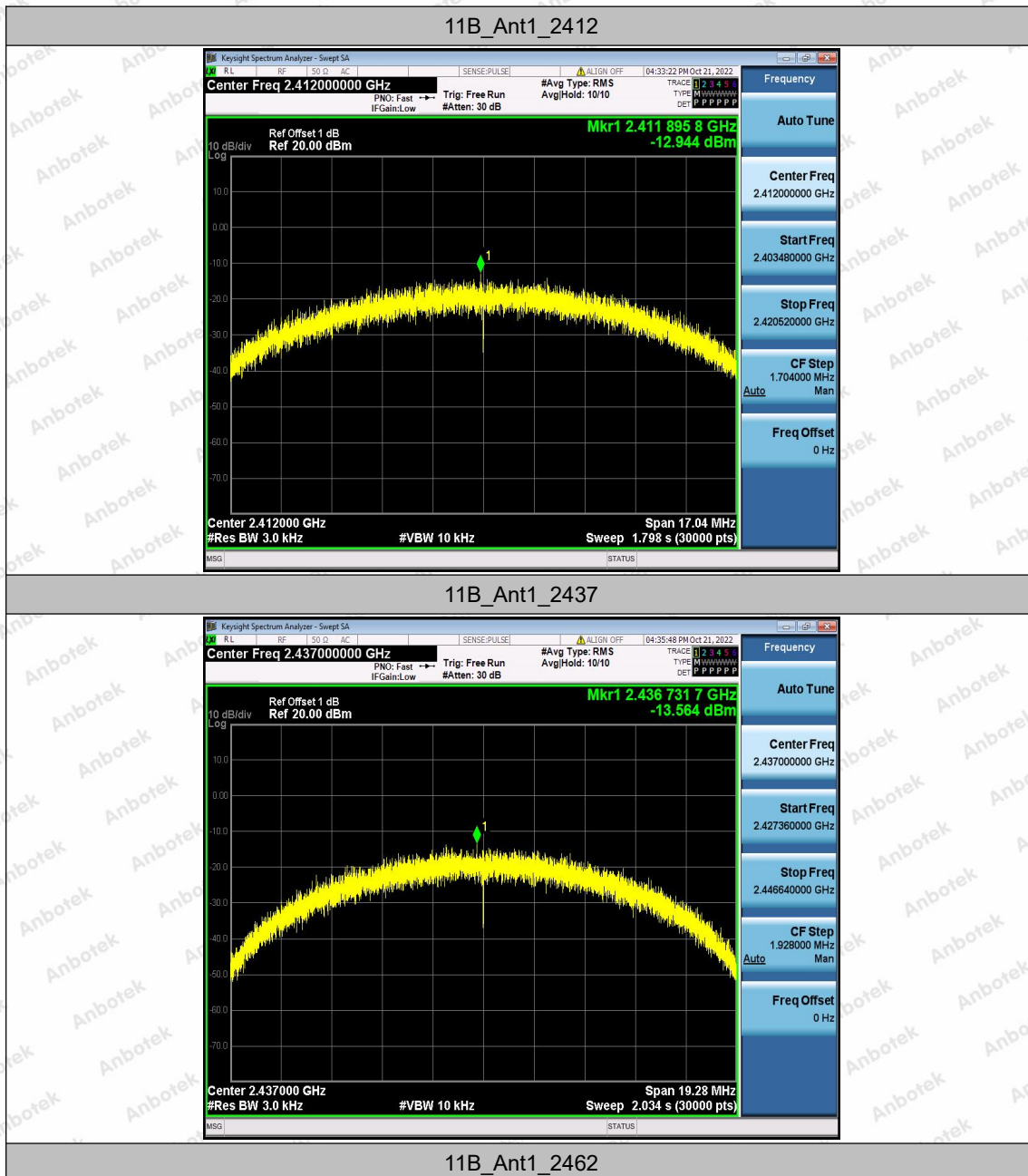
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.94	≤8.00	PASS
		2437	-13.56	≤8.00	PASS
		2462	-14.95	≤8.00	PASS
11G	Ant1	2412	-16.1	≤8.00	PASS
		2437	-16.91	≤8.00	PASS
		2462	-16.45	≤8.00	PASS
11N20	Ant1	2412	-16.95	≤8.00	PASS
		2437	-17.14	≤8.00	PASS
		2462	-17.08	≤8.00	PASS



Test Graphs



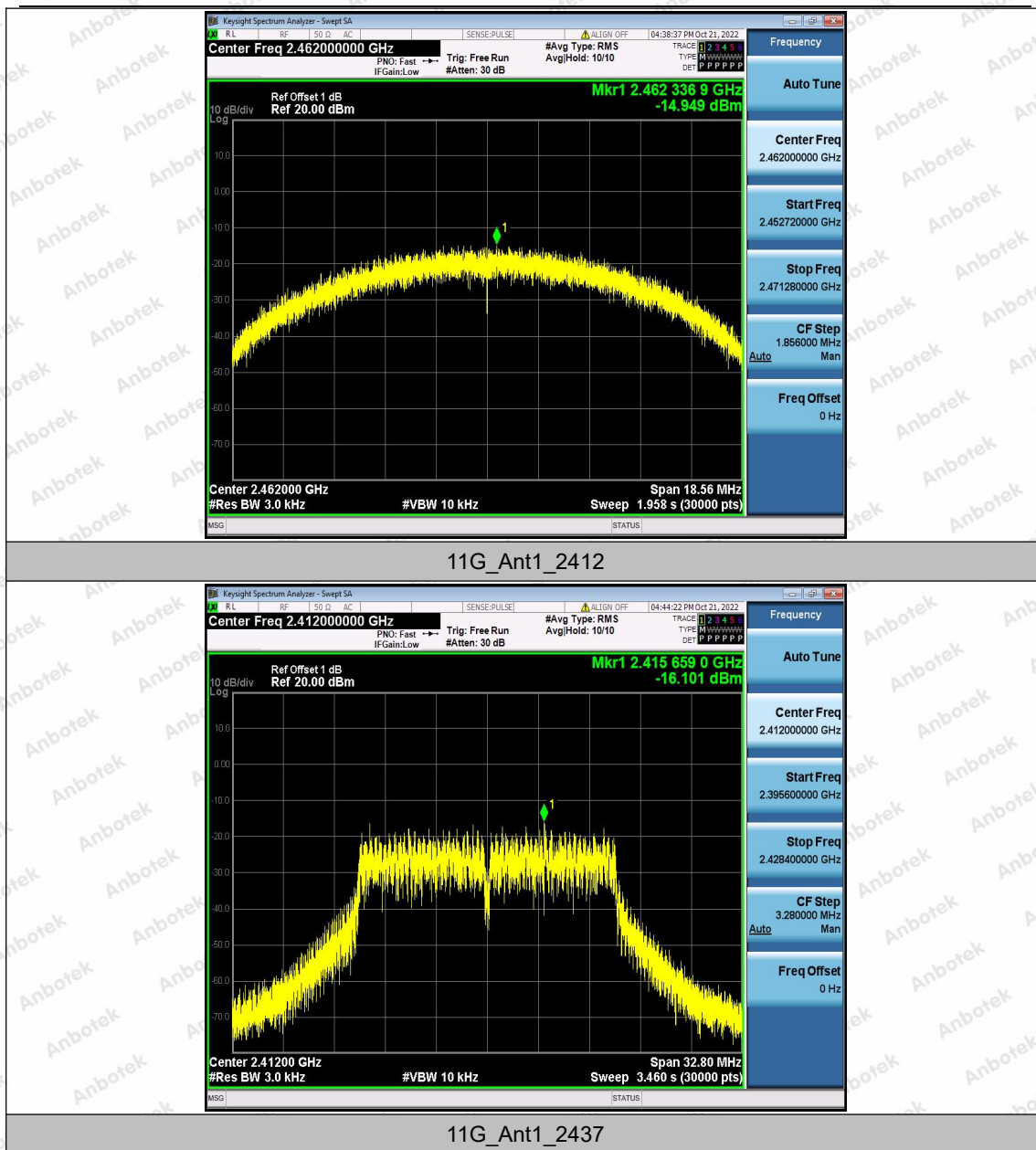
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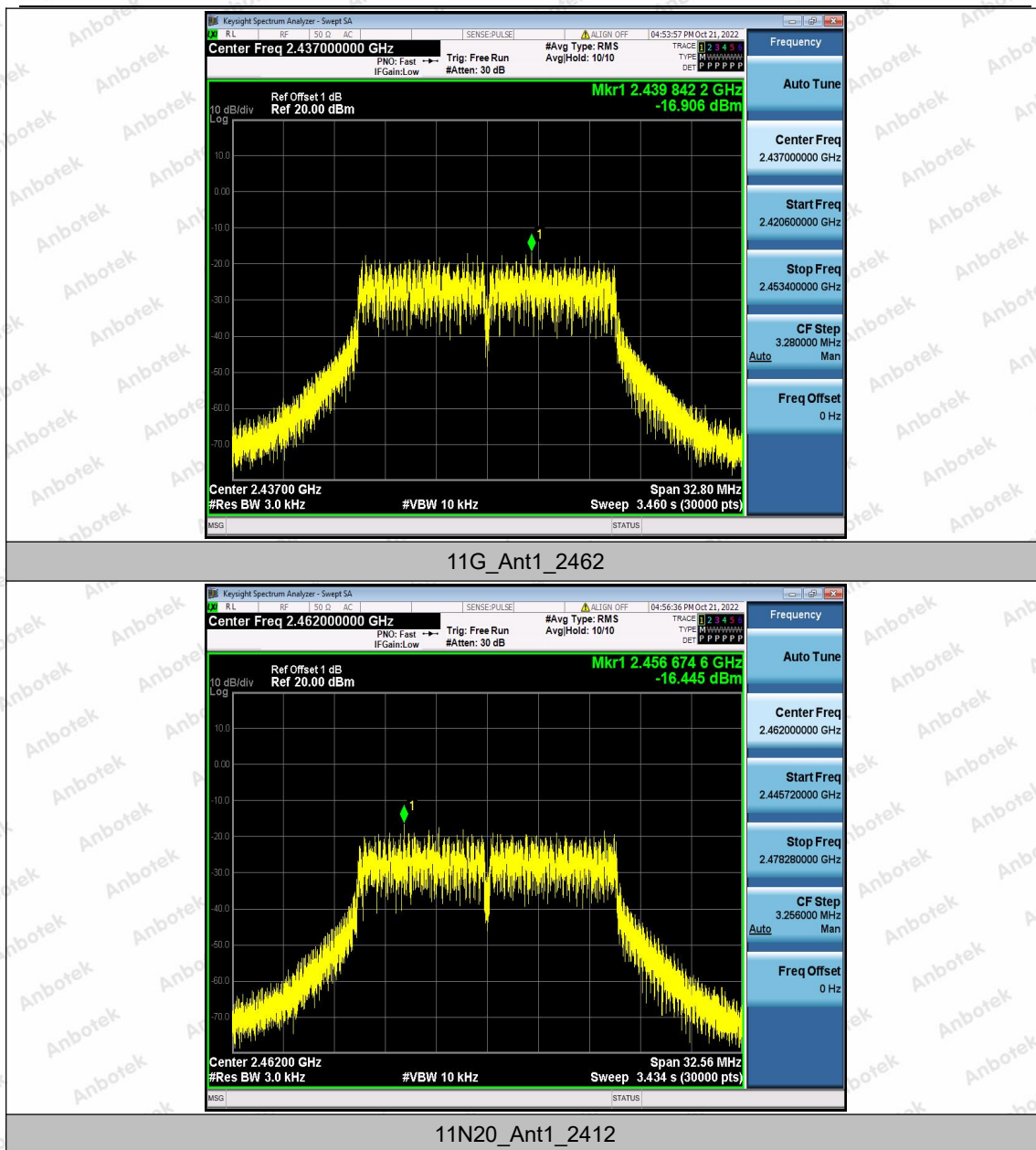
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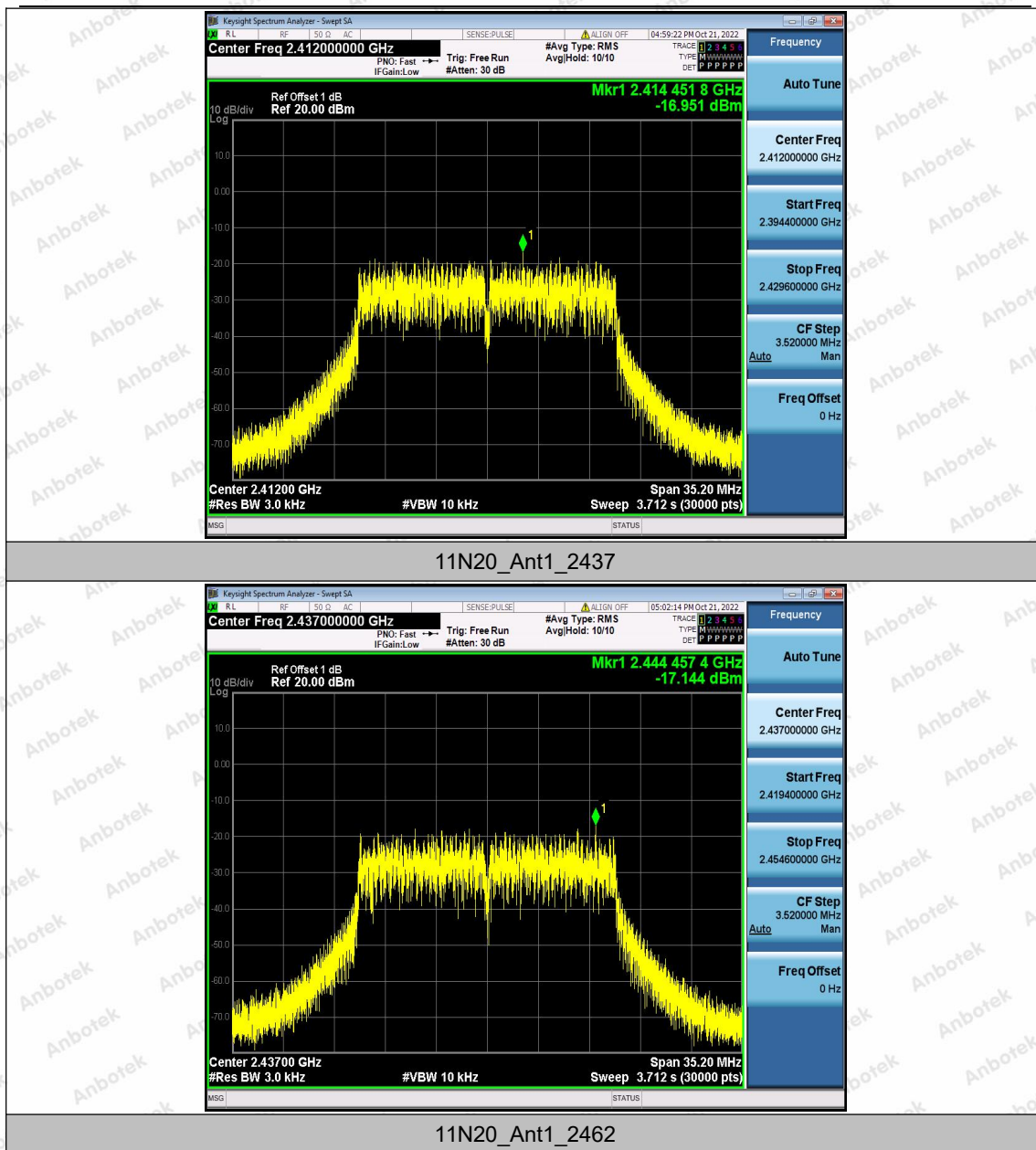
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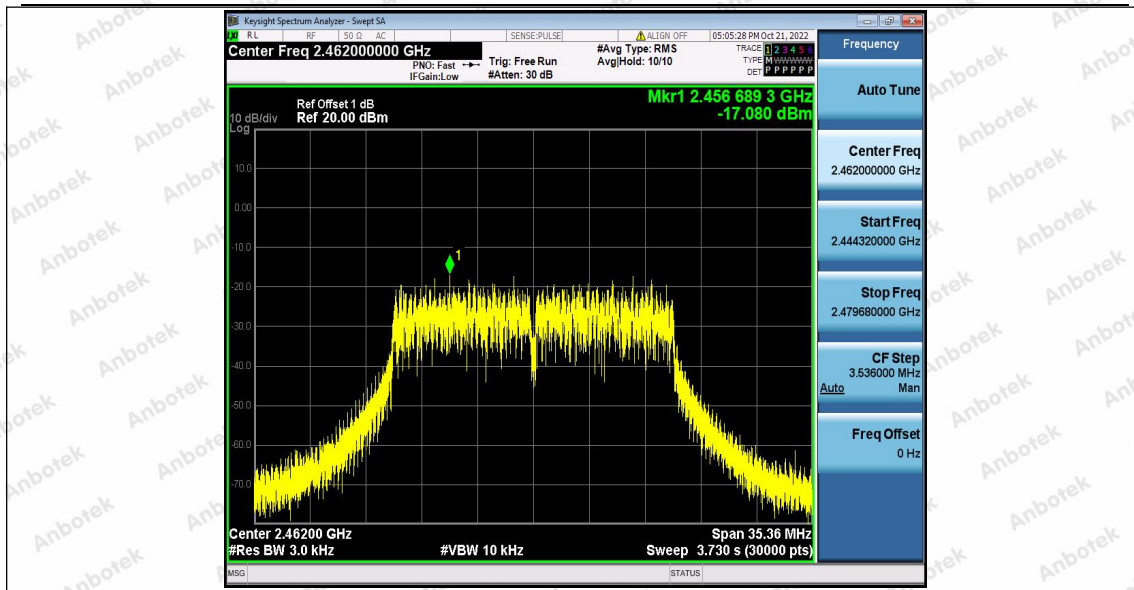
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Appendix E: Band edge measurements

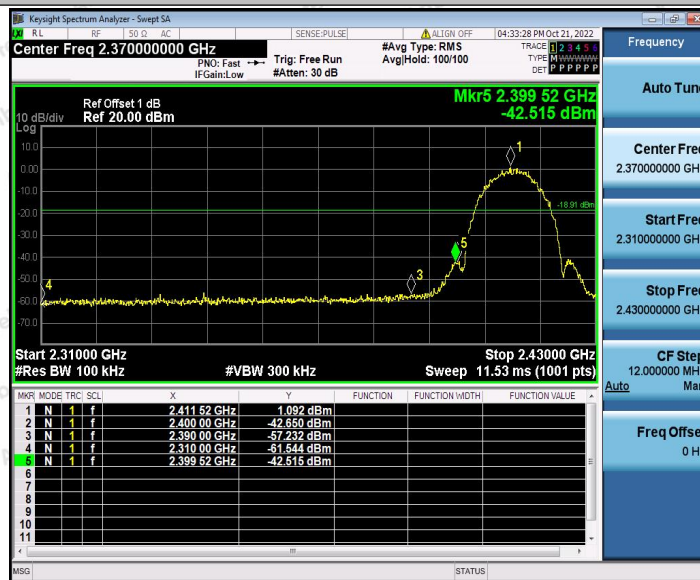
Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	1.09	-42.52	≤-18.91	PASS
		High	2462	0.33	-56.34	≤-19.67	PASS
11G	Ant1	Low	2412	-1.82	-38.9	≤-21.82	PASS
		High	2462	-2.63	-55.13	≤-22.63	PASS
11N20	Ant1	Low	2412	-2.26	-38.71	≤-22.26	PASS
		High	2462	-2.13	-53.35	≤-22.13	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

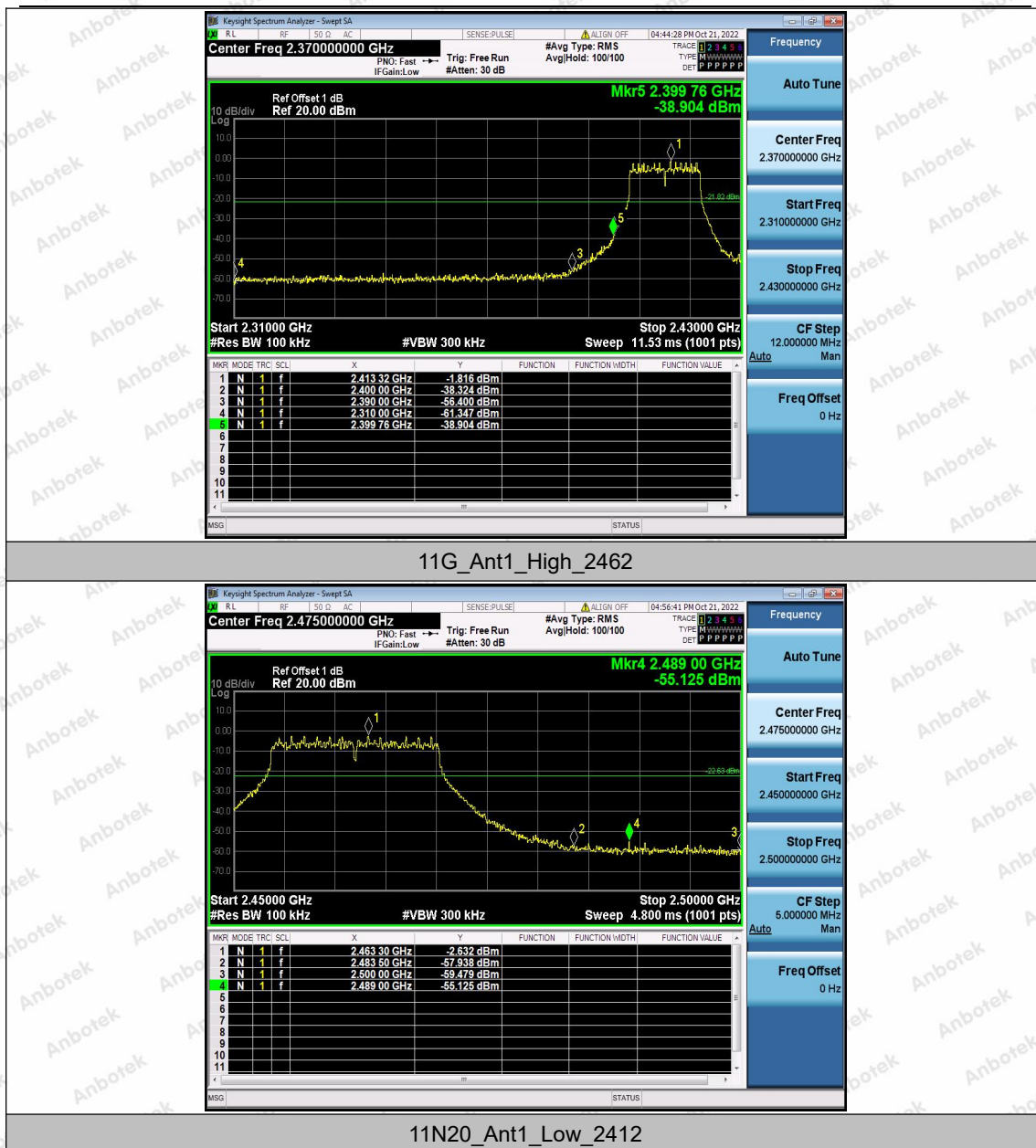
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