

Appendix Test Data

Report No.:	18220WC20247502	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°C	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	8.720	2407.720	2416.440	≥0.5	PASS
		2437	8.600	2432.840	2441.440	≥0.5	PASS
		2462	8.720	2457.600	2466.320	≥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	16.320	2453.880	2470.200	≥0.5	PASS
11N20	Ant1	2412	17.640	2403.200	2420.840	≥0.5	PASS
		2437	17.600	2428.160	2445.760	≥0.5	PASS
		2462	17.560	2453.200	2470.760	≥0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

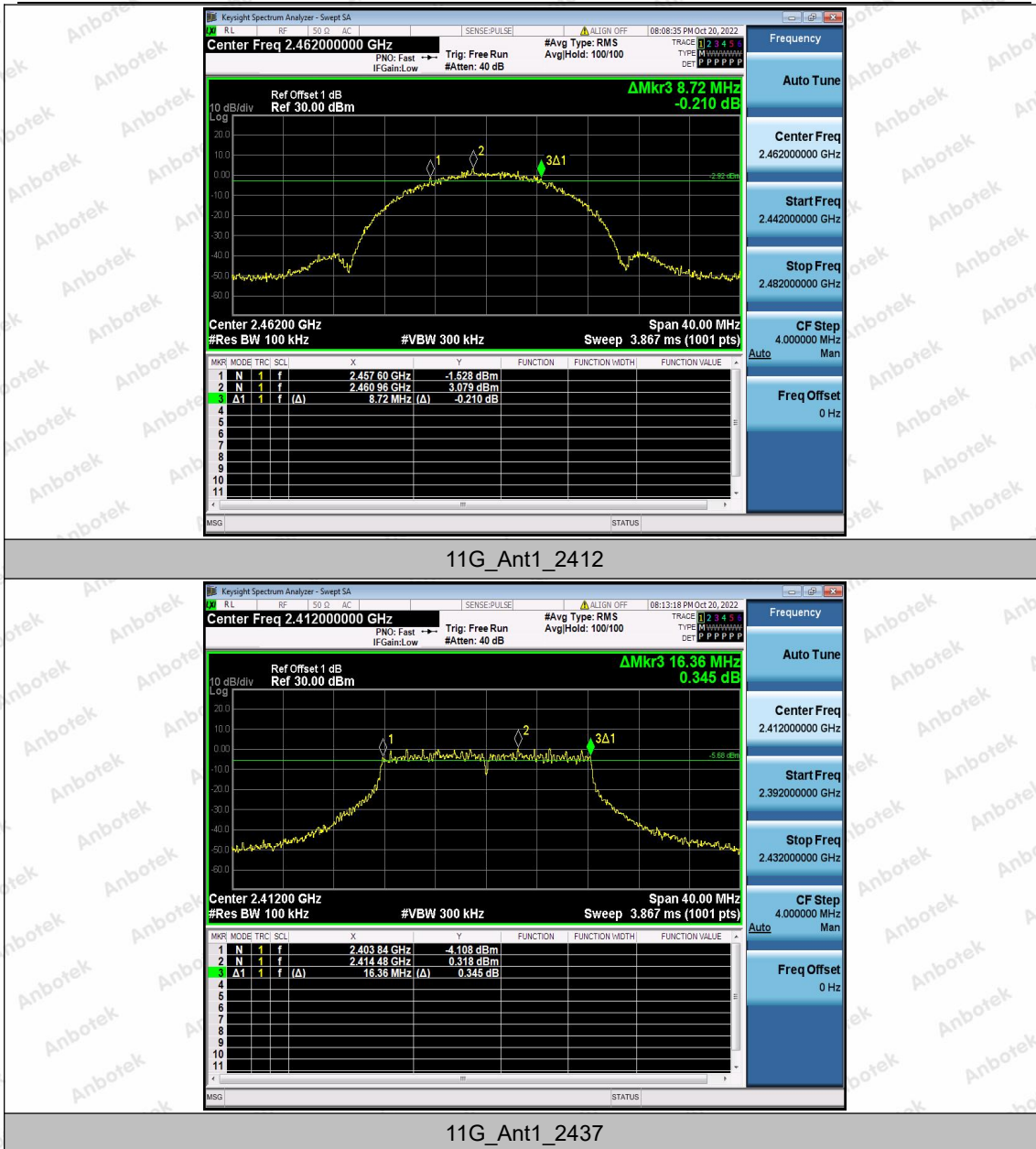
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Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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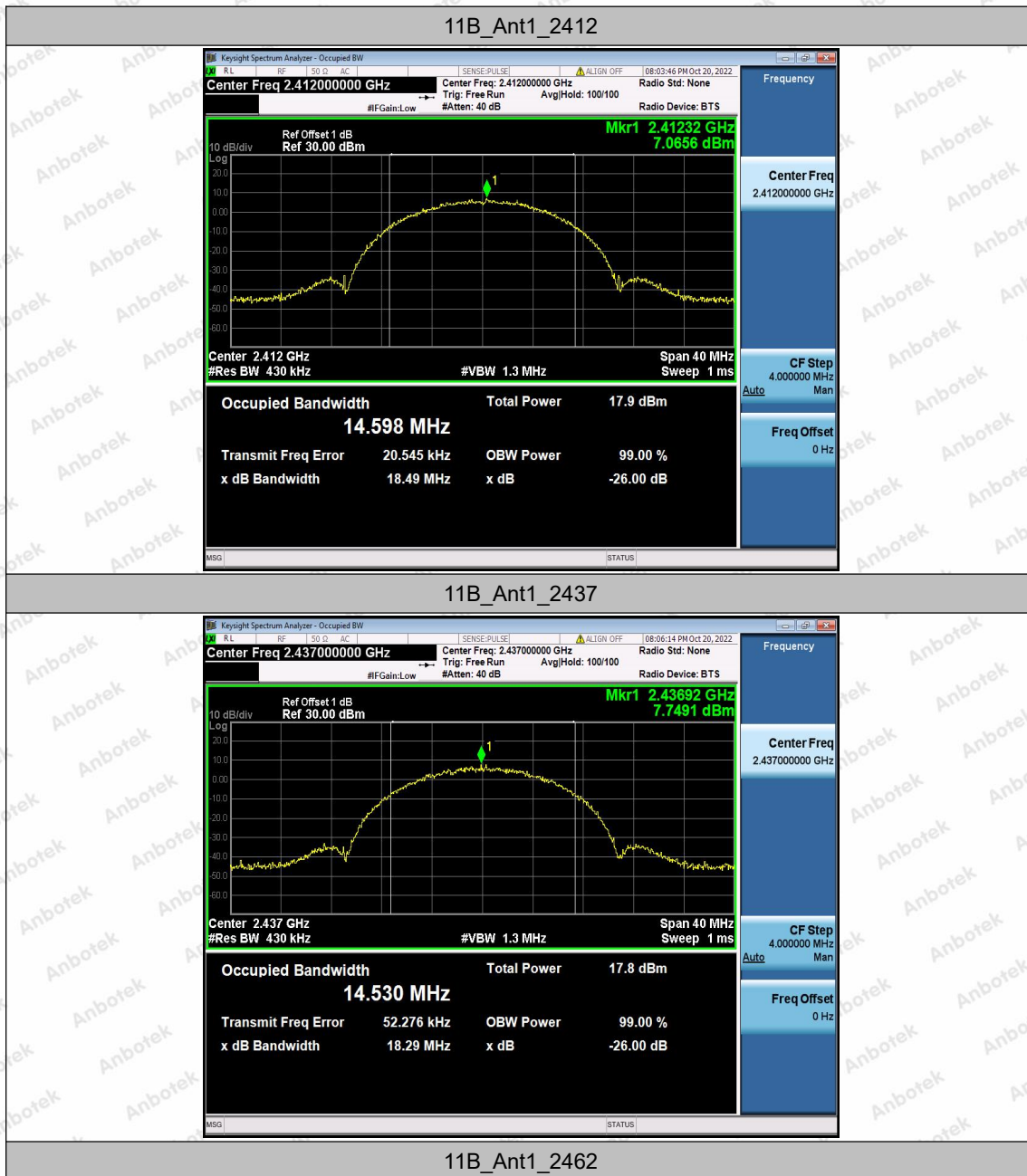
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	14.598	2404.7216	2419.3196
		2437	14.530	2429.7873	2444.3173
		2462	14.617	2454.7402	2469.3572
11G	Ant1	2412	16.862	2403.5235	2420.3855
		2437	16.922	2428.5896	2445.5116
		2462	16.798	2453.6486	2470.4466
11N20	Ant1	2412	17.931	2403.1232	2421.0542
		2437	17.865	2428.0976	2445.9626
		2462	17.966	2453.1068	2471.0728



Test Graphs



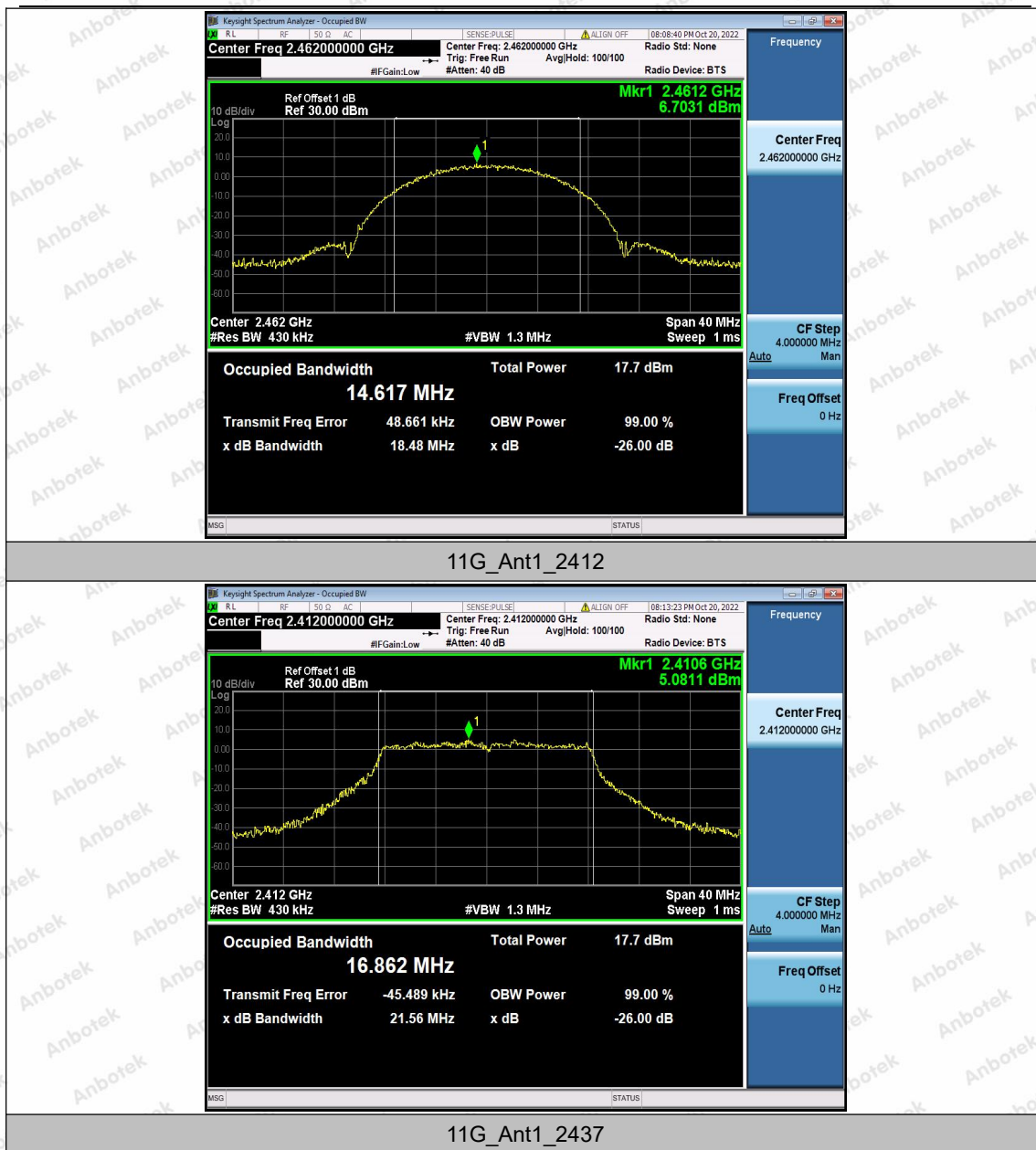
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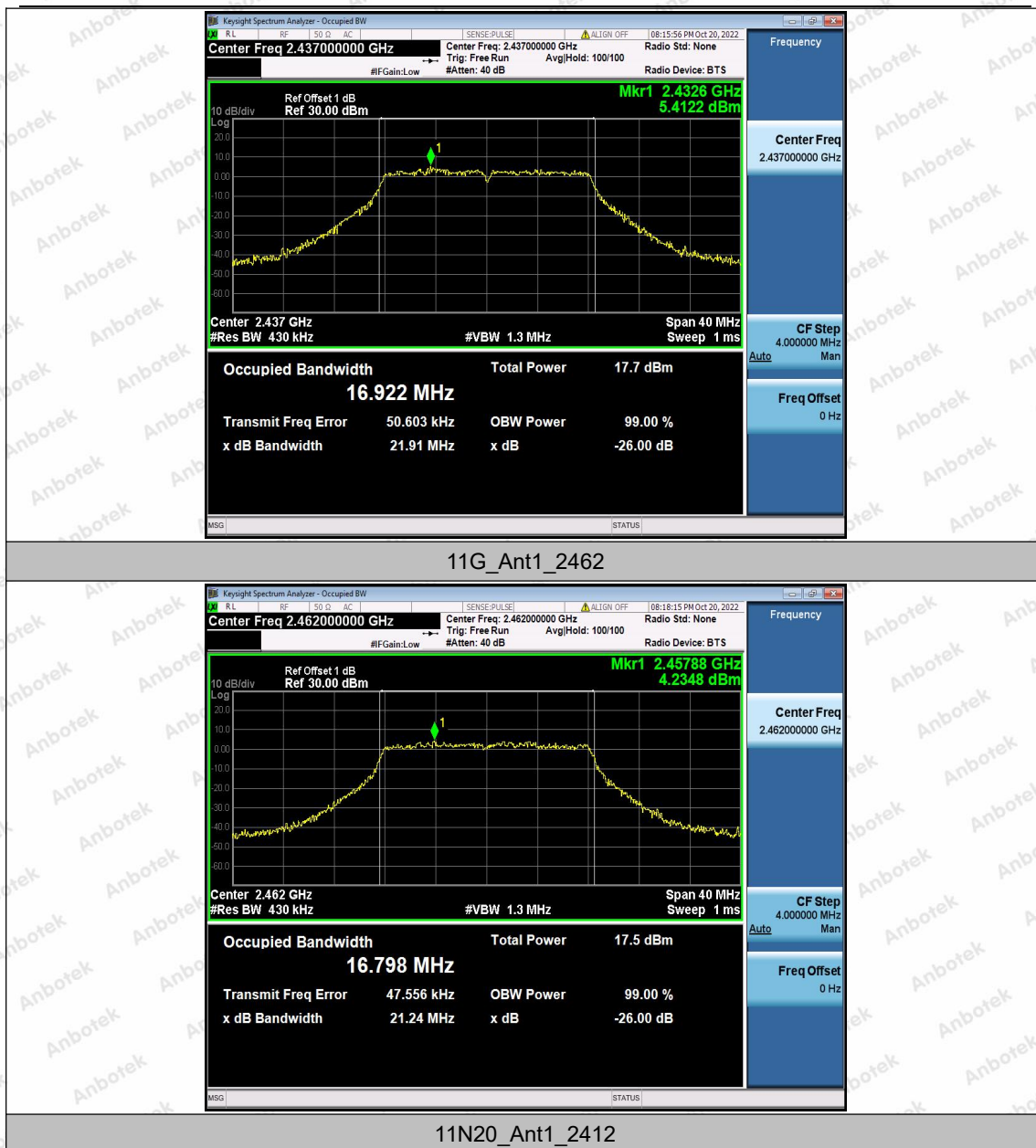
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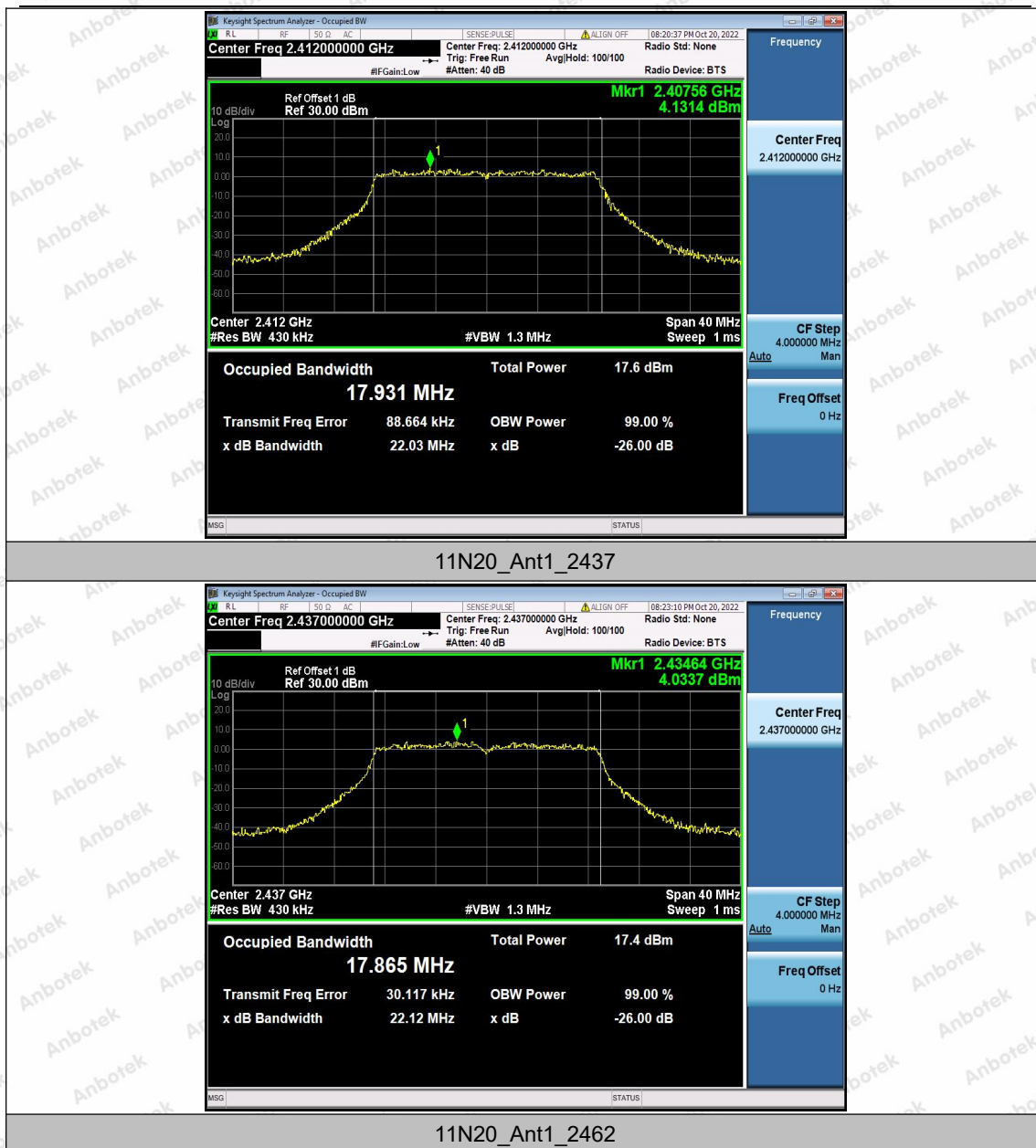
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	17.35	≤30.00
		2437	17.29	≤30.00
		2462	17.27	≤30.00
11G	Ant1	2412	18.66	≤30.00
		2437	18.47	≤30.00
		2462	18.29	≤30.00
11N20	Ant1	2412	18.44	≤30.00
		2437	18.26	≤30.00
		2462	18.29	≤30.00



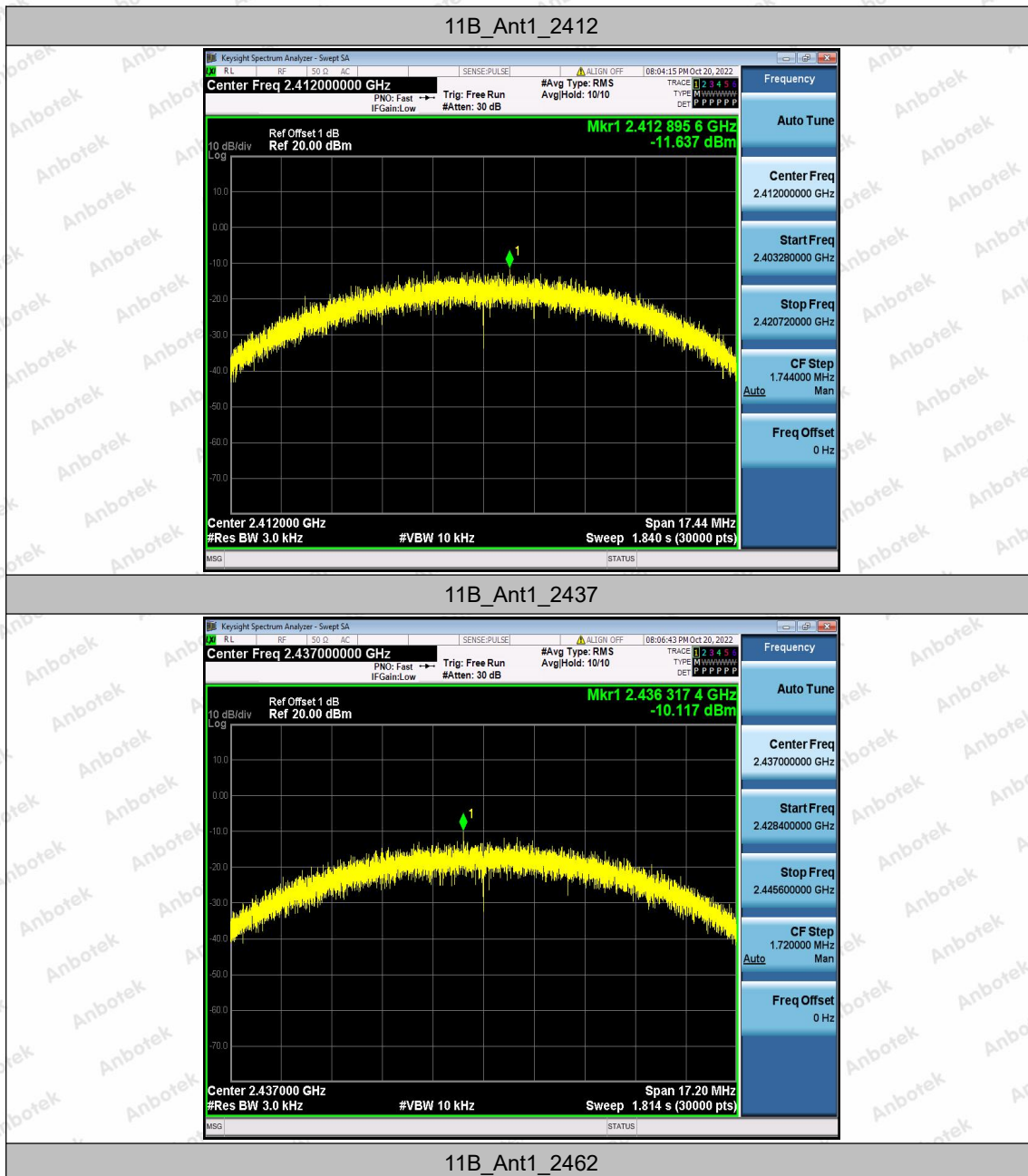
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.64	≤8.00	PASS
		2437	-10.12	≤8.00	PASS
		2462	-12.28	≤8.00	PASS
11G	Ant1	2412	-14.55	≤8.00	PASS
		2437	-15.3	≤8.00	PASS
		2462	-13.84	≤8.00	PASS
11N20	Ant1	2412	-15.27	≤8.00	PASS
		2437	-14.4	≤8.00	PASS
		2462	-15.55	≤8.00	PASS



Test Graphs



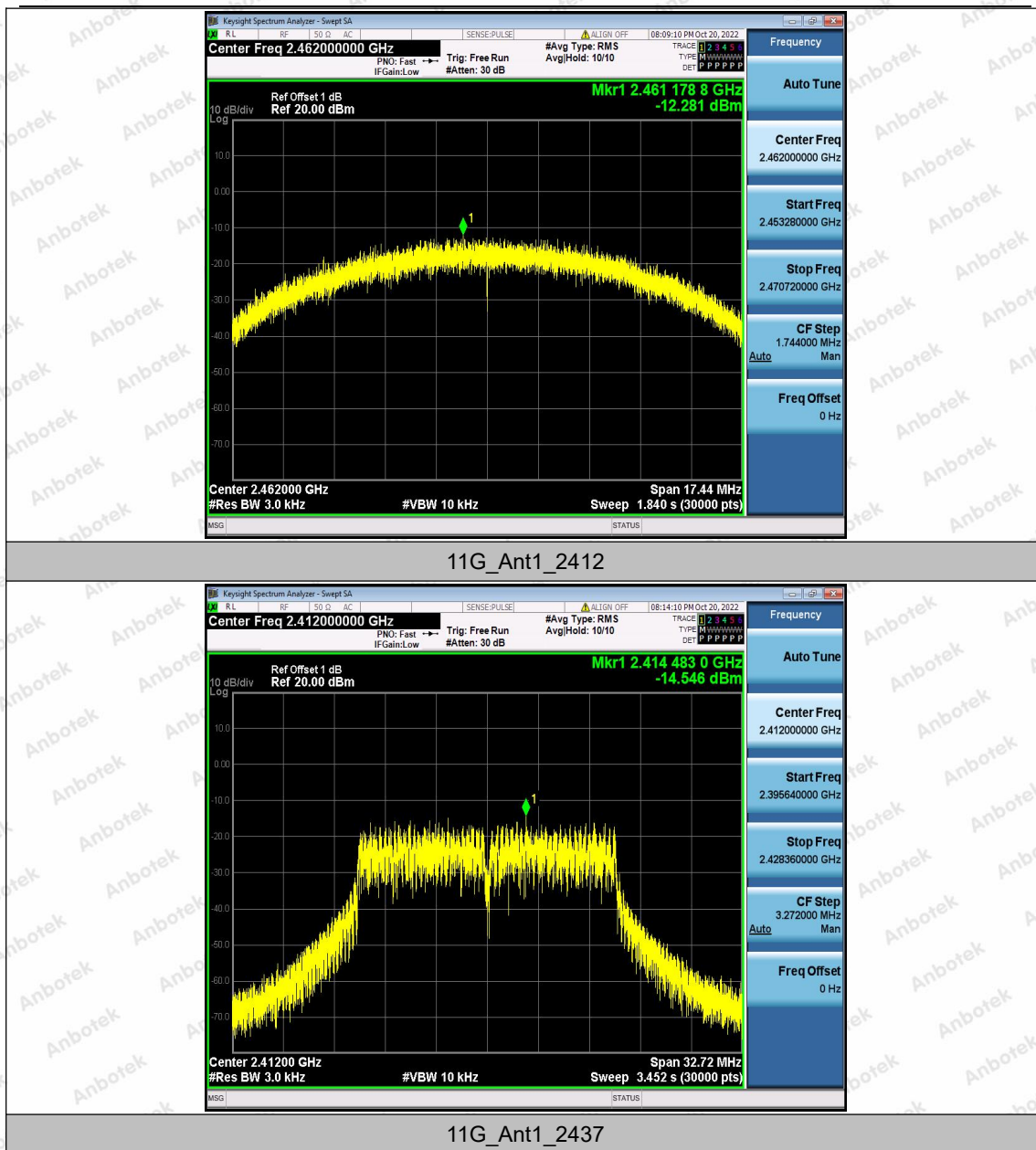
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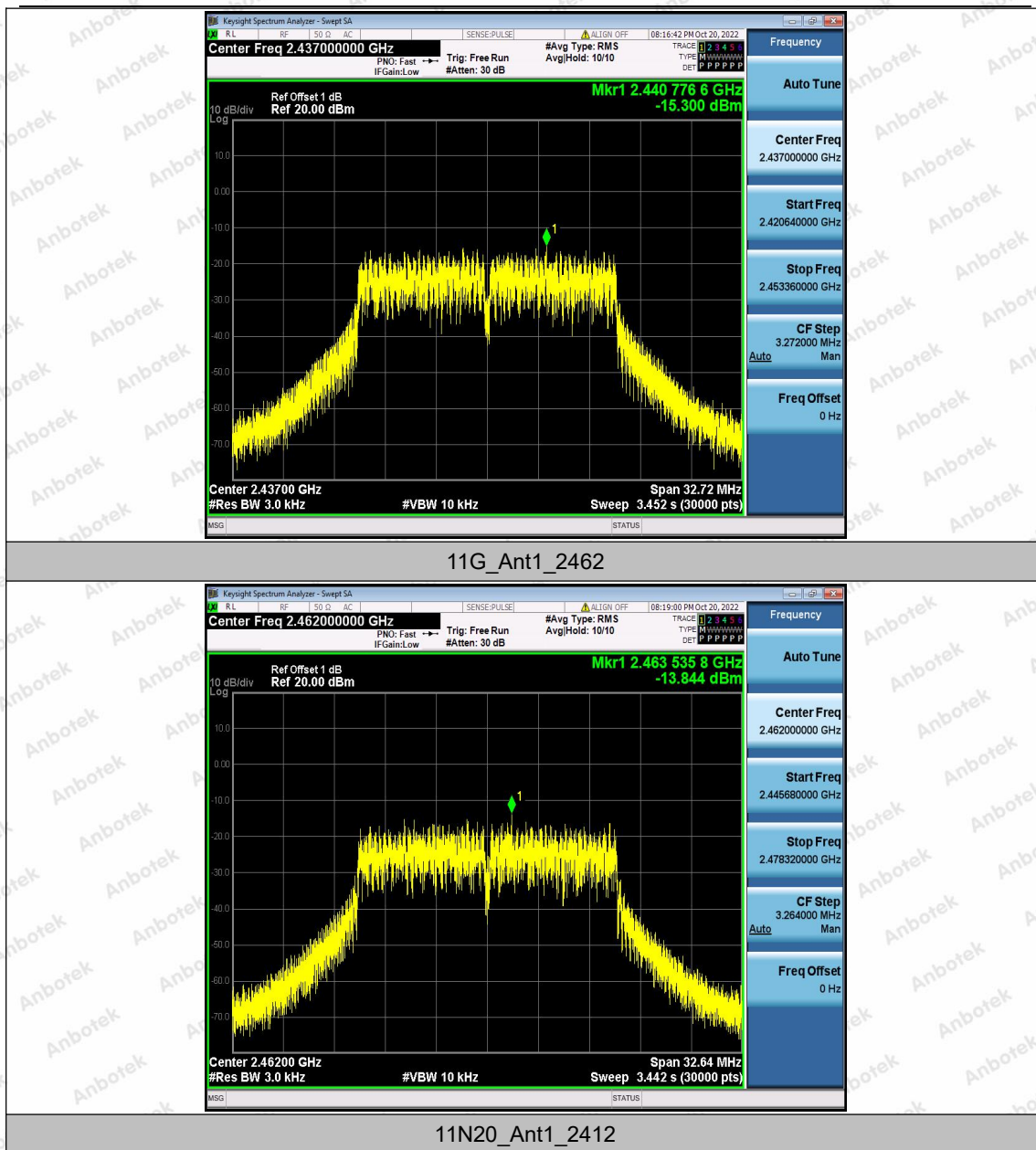
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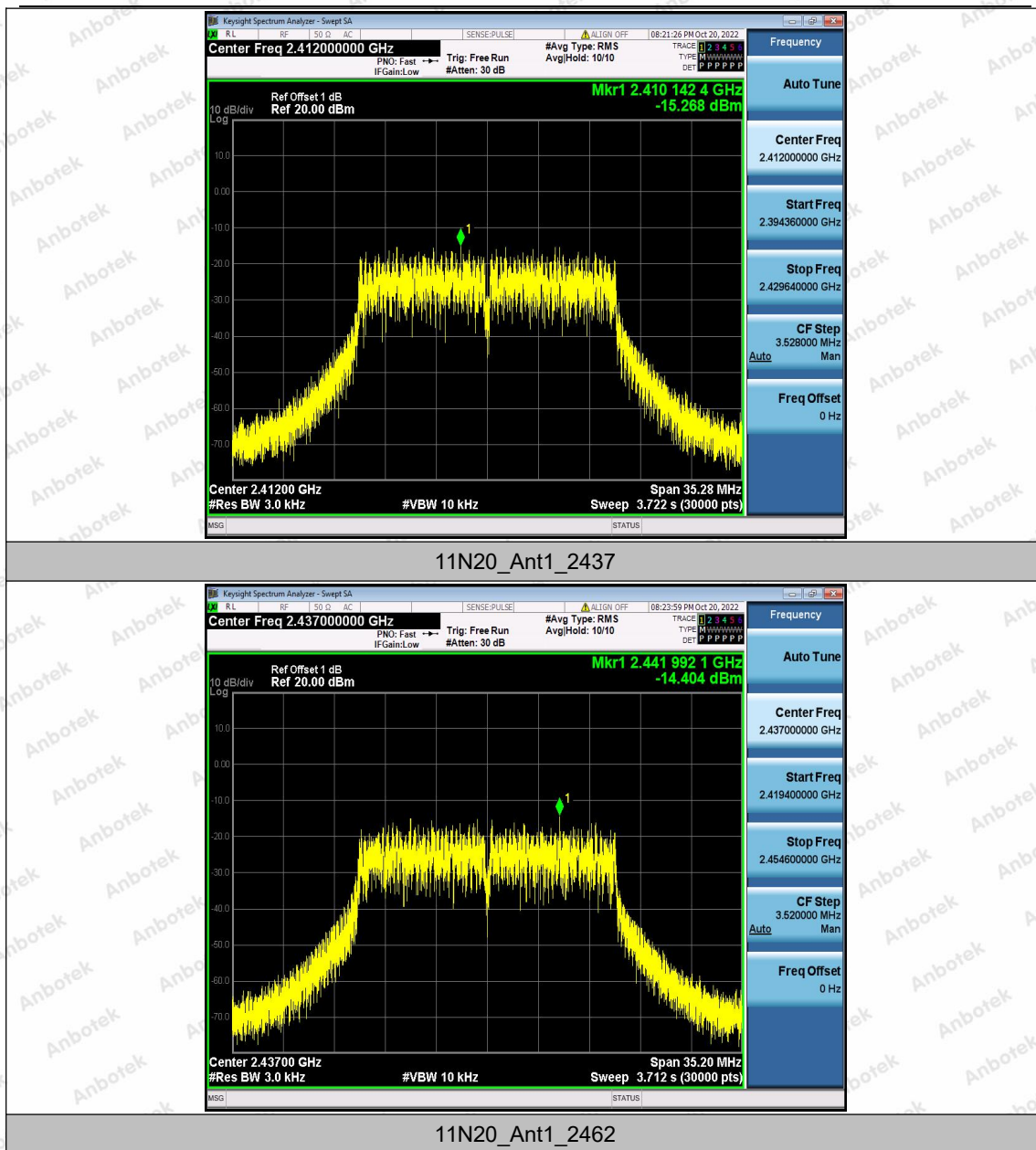
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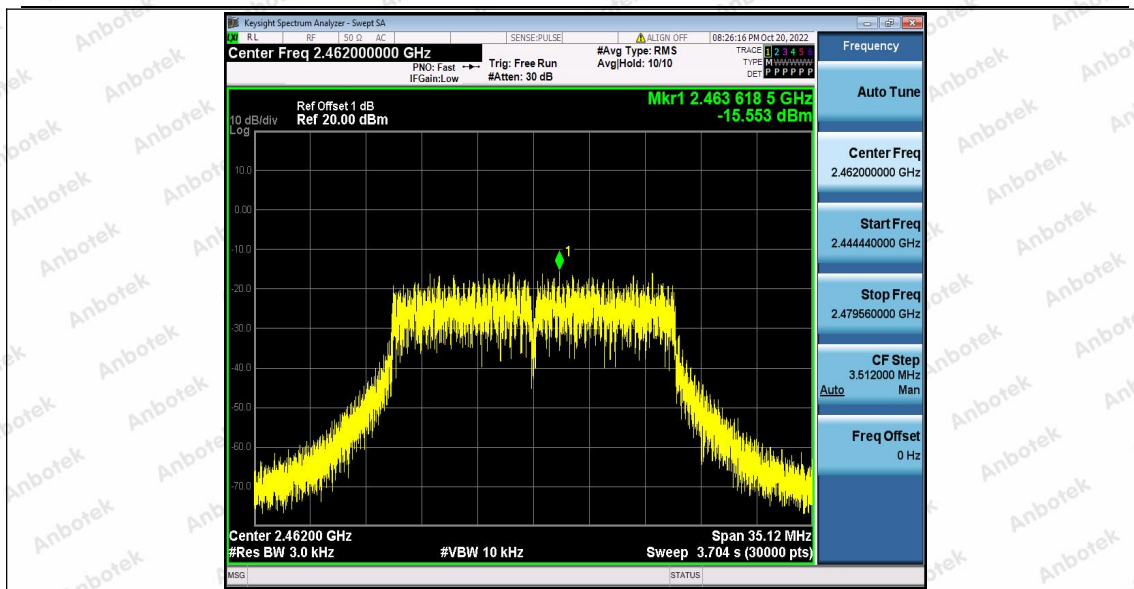
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.16	-37.89	≤-16.84	PASS
		High	2462	2.72	-55.41	≤-17.28	PASS
11G	Ant1	Low	2412	0.45	-37.96	≤-19.55	PASS
		High	2462	-0.12	-54.98	≤-20.12	PASS
11N20	Ant1	Low	2412	0.13	-35.75	≤-19.87	PASS
		High	2462	0.27	-53.42	≤-19.73	PASS

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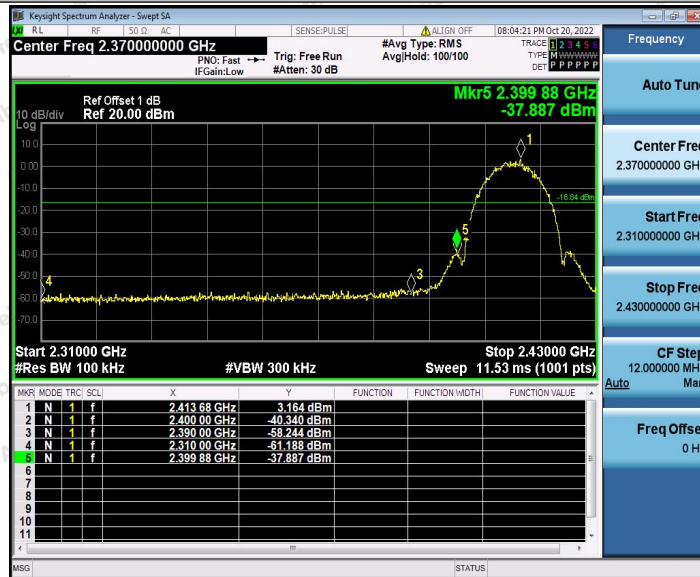


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Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

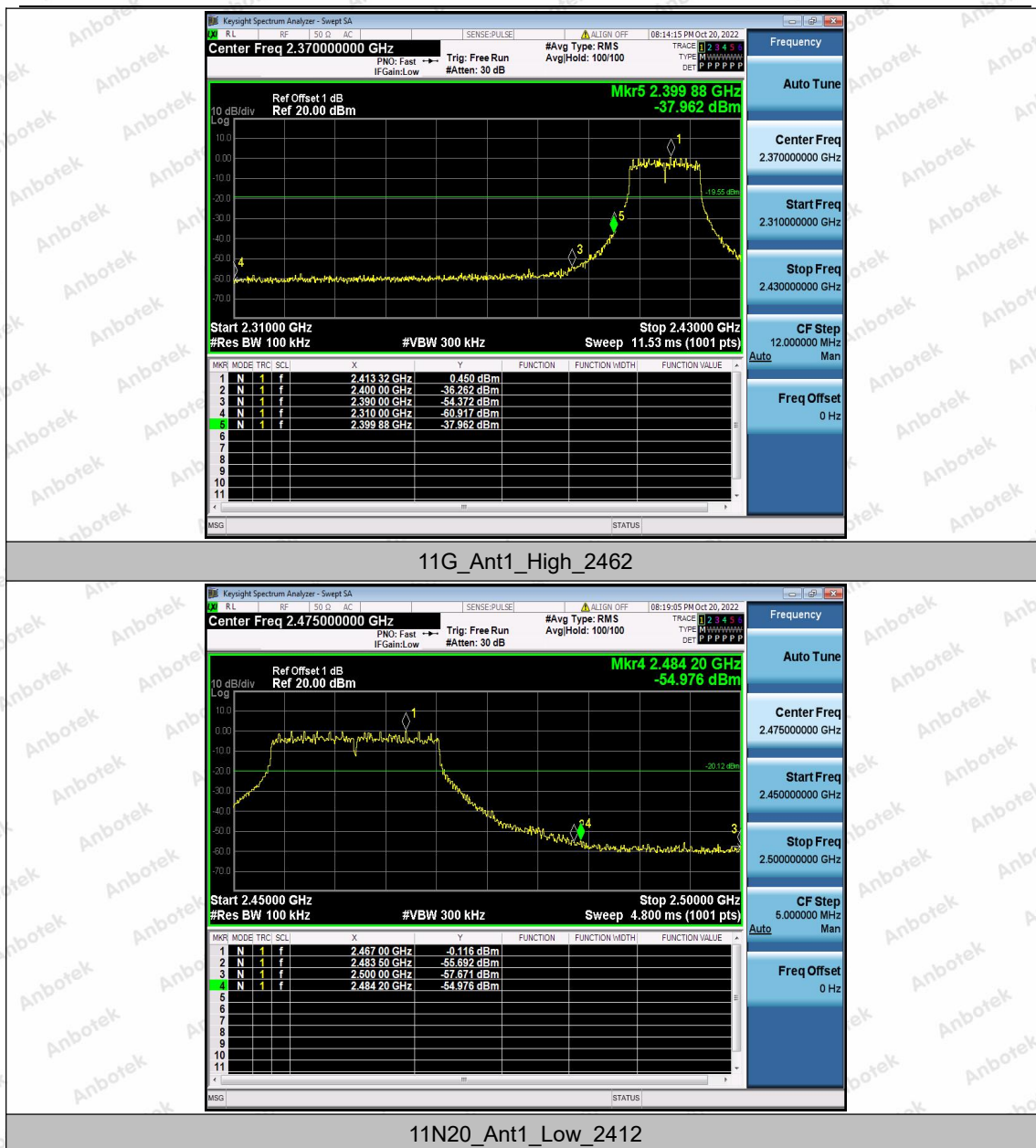
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