

Appendix Test Data

Report No.:	18220WC20246502	Test Sample No.:	1-2-2
Start Test Date:	2022.10.26	Finish Test Date:	2022.10.26
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57 %
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	7.040	2408.440	2415.480	≥0.5	PASS
		2437	8.000	2433.000	2441.000	≥0.5	PASS
		2462	7.520	2457.960	2465.480	≥0.5	PASS
11G	Ant1	2412	13.880	2404.400	2418.280	≥0.5	PASS
		2437	12.640	2430.640	2443.280	≥0.5	PASS
		2462	12.640	2455.680	2468.320	≥0.5	PASS
11N20	Ant1	2412	15.160	2404.400	2419.560	≥0.5	PASS
		2437	15.120	2429.400	2444.520	≥0.5	PASS
		2462	15.080	2454.400	2469.480	≥0.5	PASS



Test Graphs



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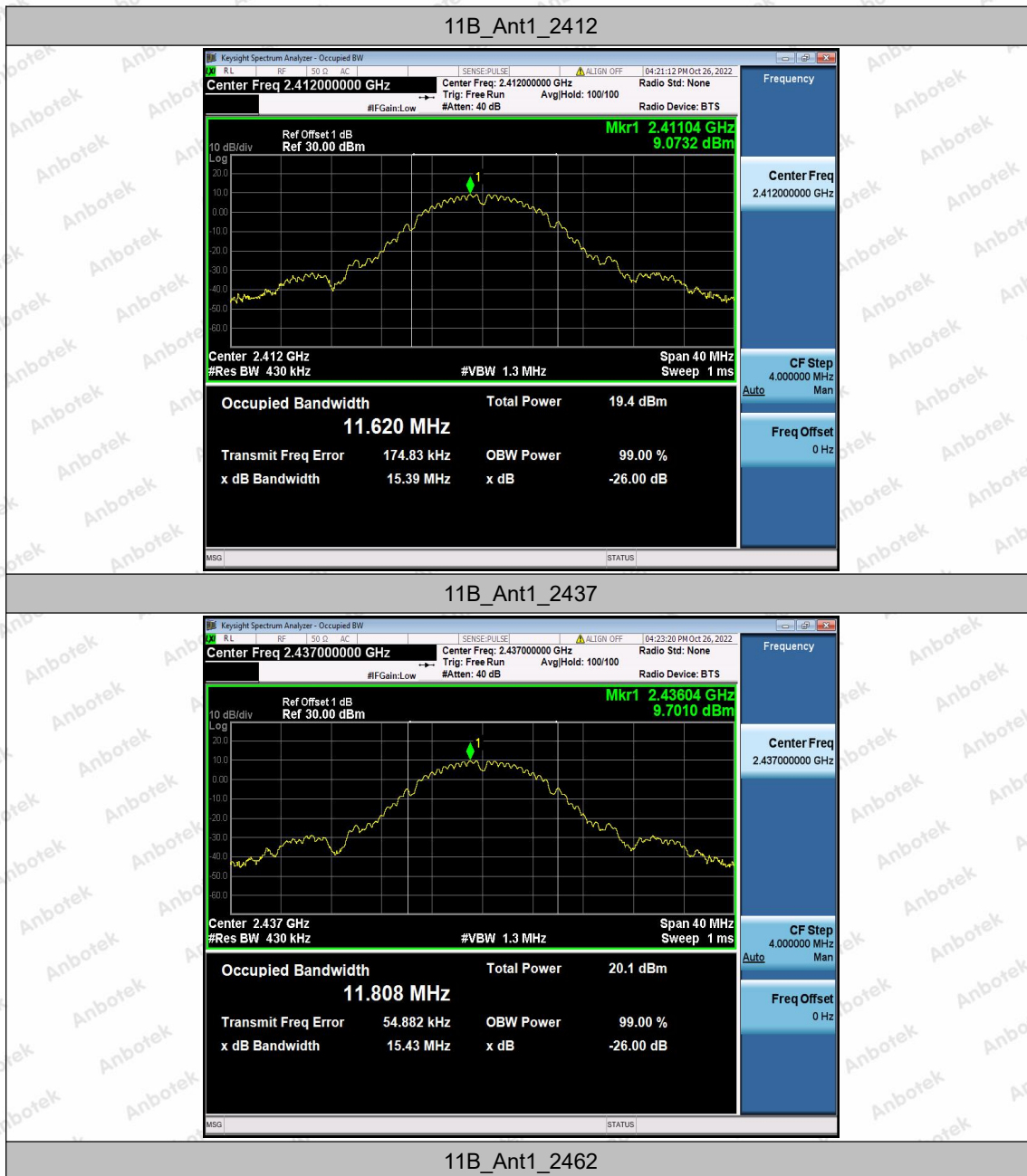
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	11.620	2406.3648	2417.9848
		2437	11.808	2431.1509	2442.9589
		2462	11.795	2456.1125	2467.9075
11G	Ant1	2412	17.118	2403.3647	2420.4827
		2437	17.083	2428.3918	2445.4748
		2462	16.912	2453.5100	2470.4220
11N20	Ant1	2412	18.111	2402.9791	2421.0901
		2437	18.095	2427.9562	2446.0512
		2462	18.041	2452.9828	2471.0238



Test Graphs



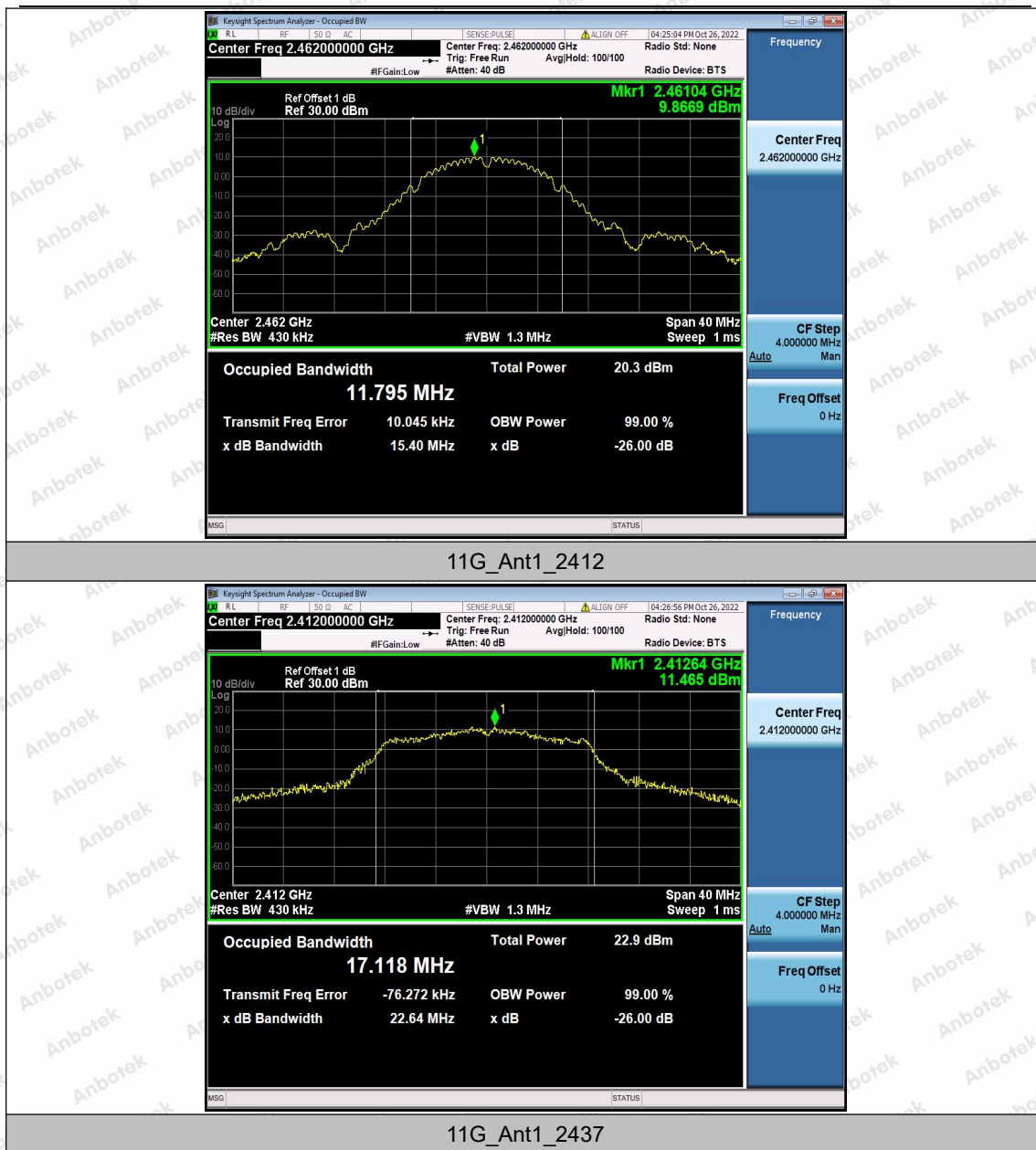
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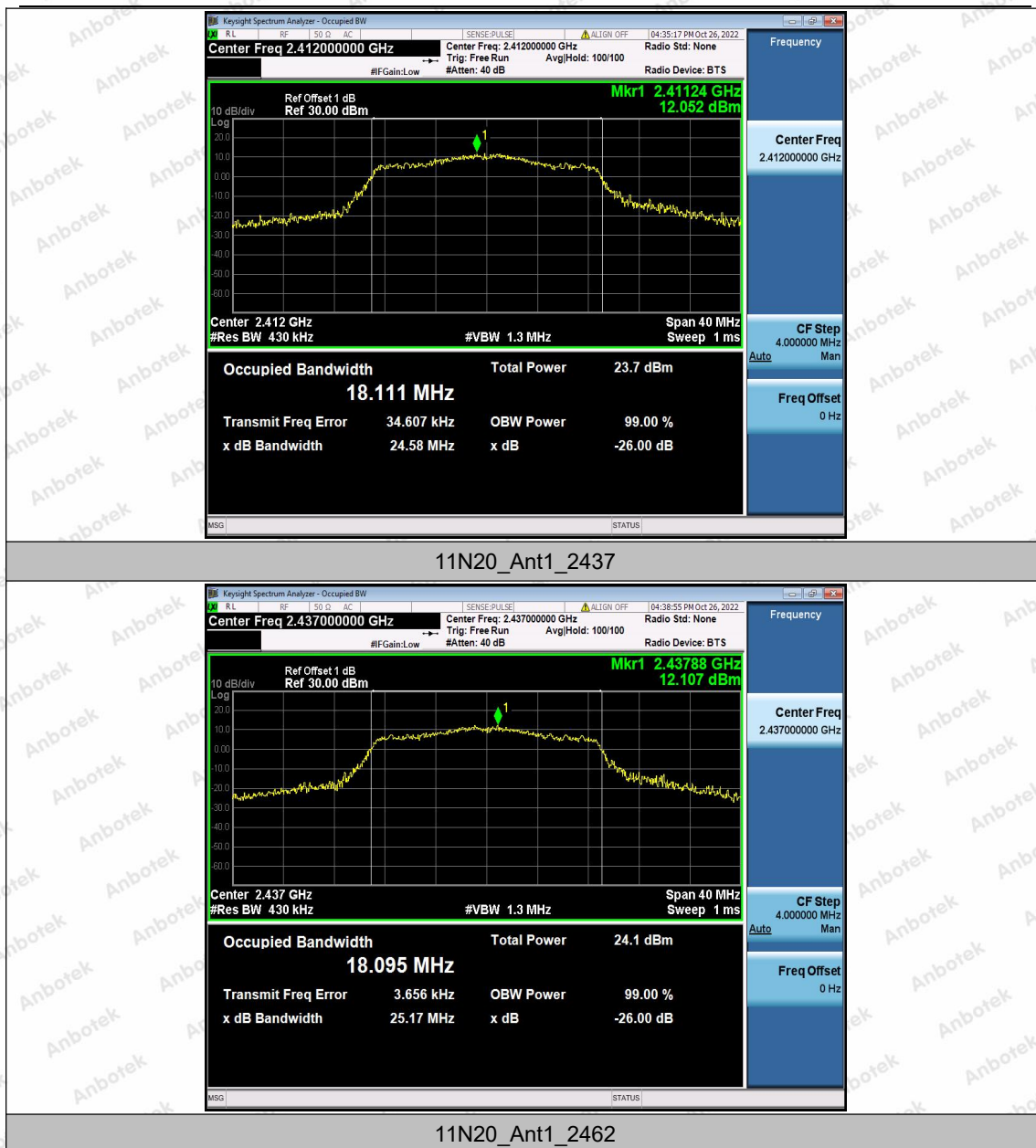
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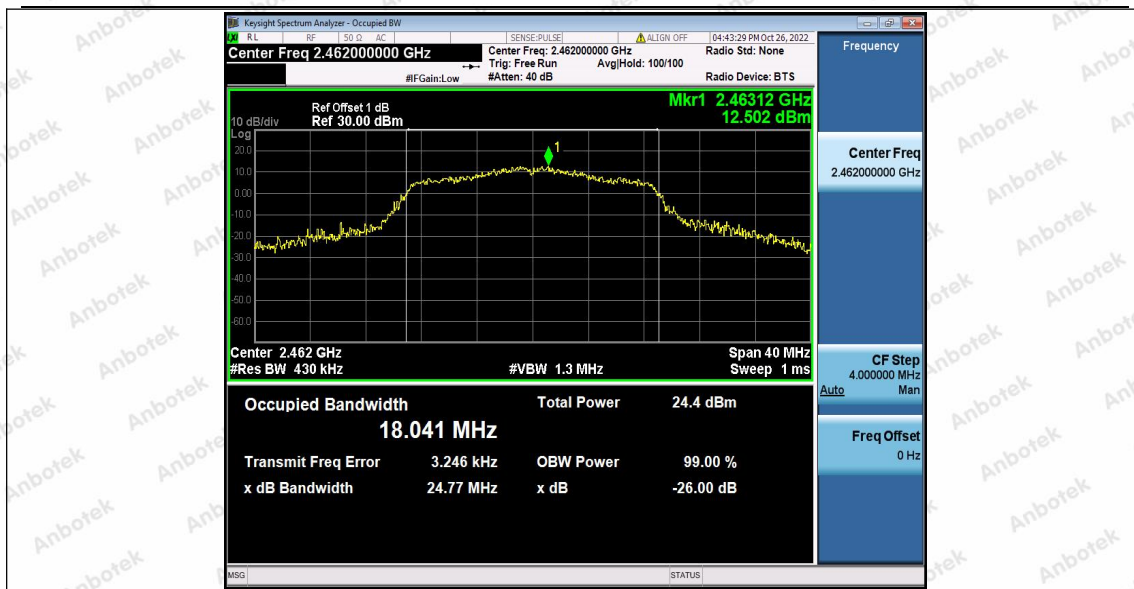
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	19.43	≤30.00
		2437	20.06	≤30.00
		2462	20.33	≤30.00
11G	Ant1	2412	24.09	≤30.00
		2437	24.50	≤30.00
		2462	24.84	≤30.00
11N20	Ant1	2412	24.66	≤30.00
		2437	25.12	≤30.00
		2462	25.44	≤30.00



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.44	≤8.00	PASS
		2437	-3.89	≤8.00	PASS
		2462	-2.06	≤8.00	PASS
11G	Ant1	2412	-5.86	≤8.00	PASS
		2437	-5.4	≤8.00	PASS
		2462	-4.83	≤8.00	PASS
11N20	Ant1	2412	-6.08	≤8.00	PASS
		2437	-5.11	≤8.00	PASS
		2462	-3.71	≤8.00	PASS



Test Graphs



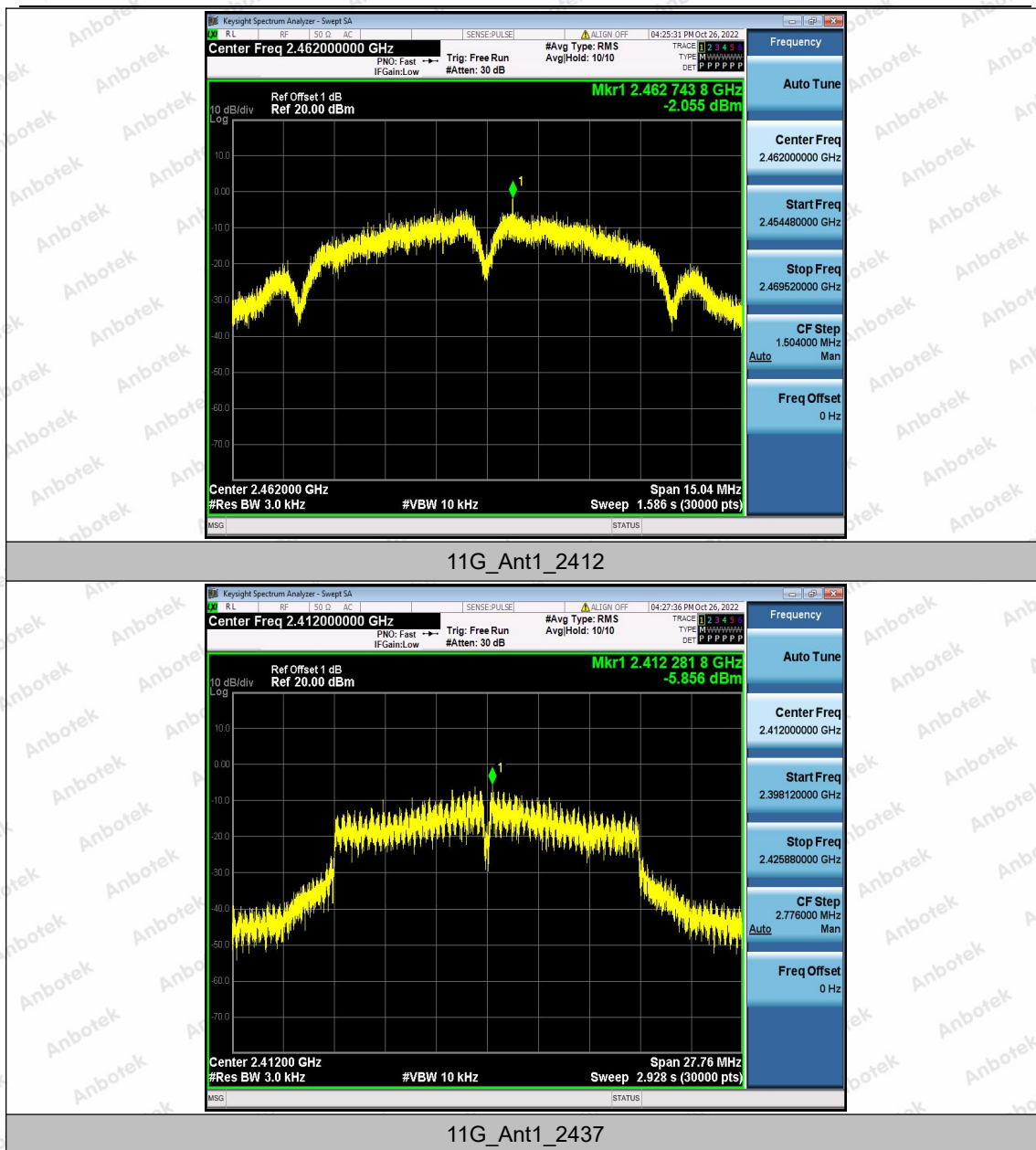
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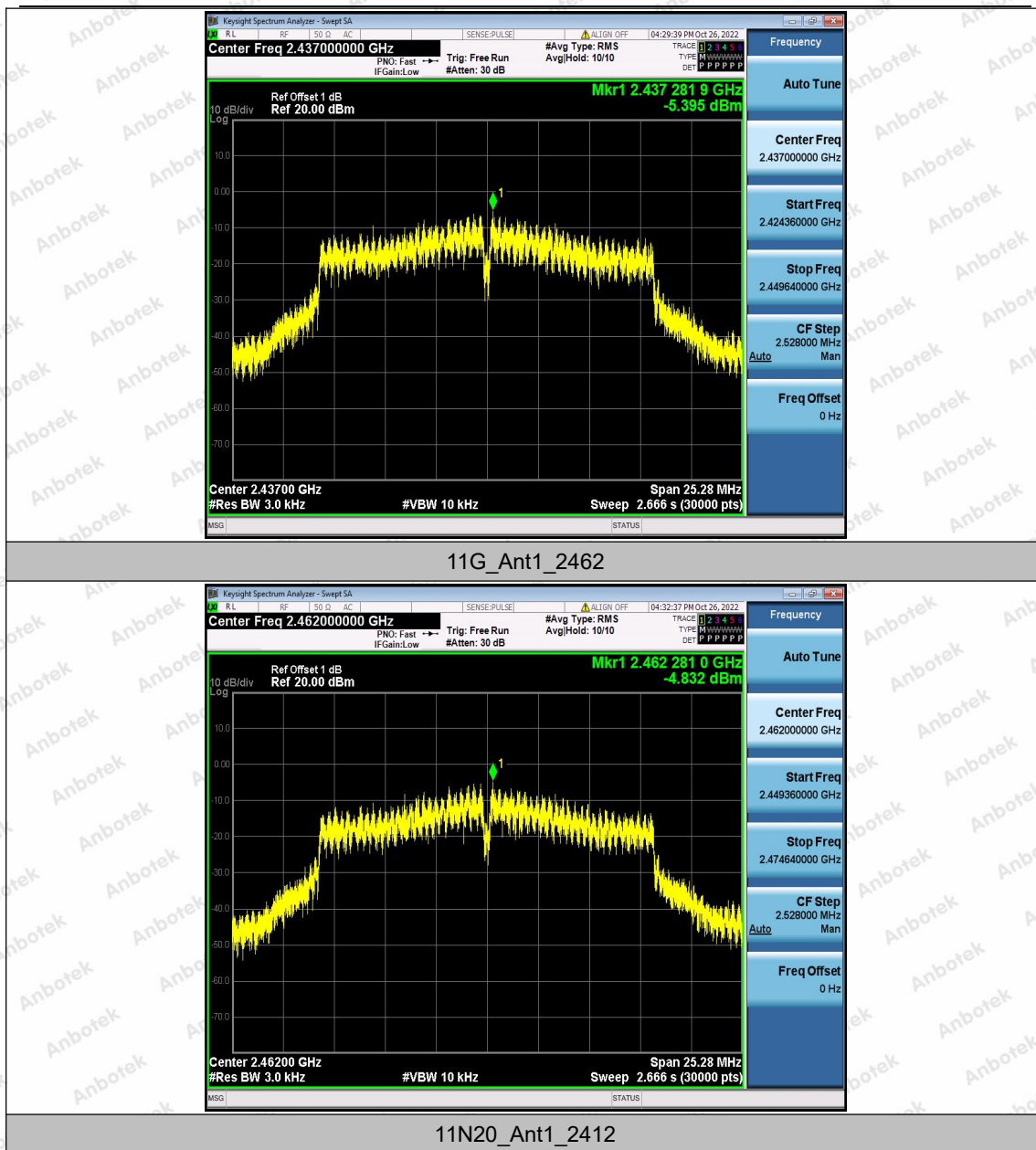
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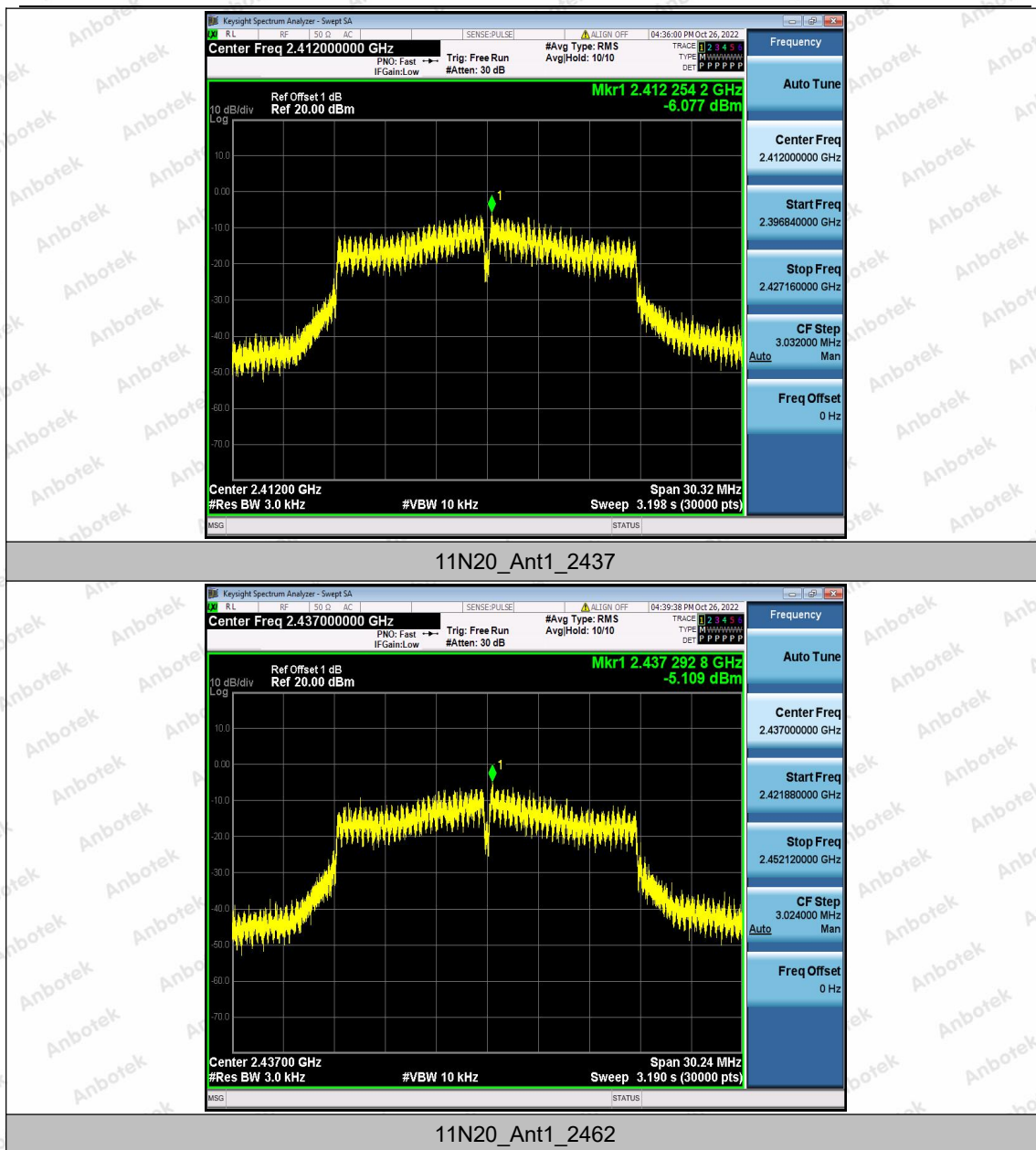
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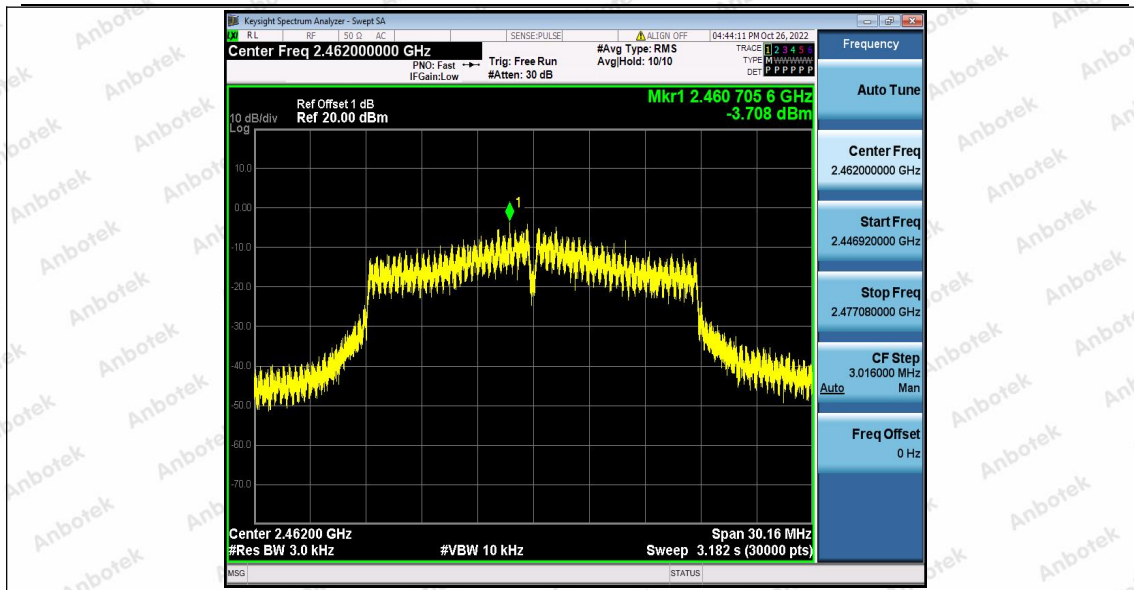
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Appendix E: Band edge measurements

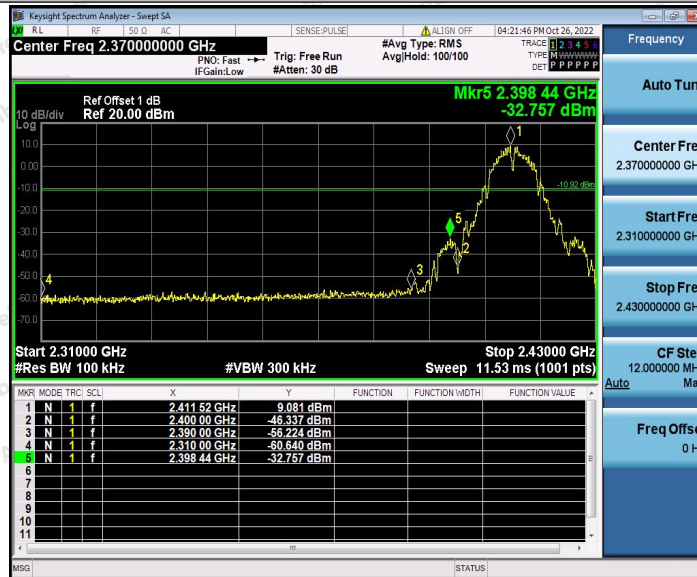
Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	9.08	-32.76	≤-10.92	PASS
		High	2462	8.74	-45.87	≤-11.26	PASS
11G	Ant1	Low	2412	5.28	-24.02	≤-14.72	PASS
		High	2462	5.82	-36.8	≤-14.18	PASS
11N20	Ant1	Low	2412	6.11	-25.11	≤-13.89	PASS
		High	2462	6.83	-33.59	≤-13.17	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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