

Appendix Test Data

Report No.:	18220WC30010501	Test Sample No.:	1-2-2
Start Test Date:	2023.02.07	Finish Test Date:	2023.02.16
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	23.3°C	Relative Humidity:	40 %
Pressure:	1012 hPa		

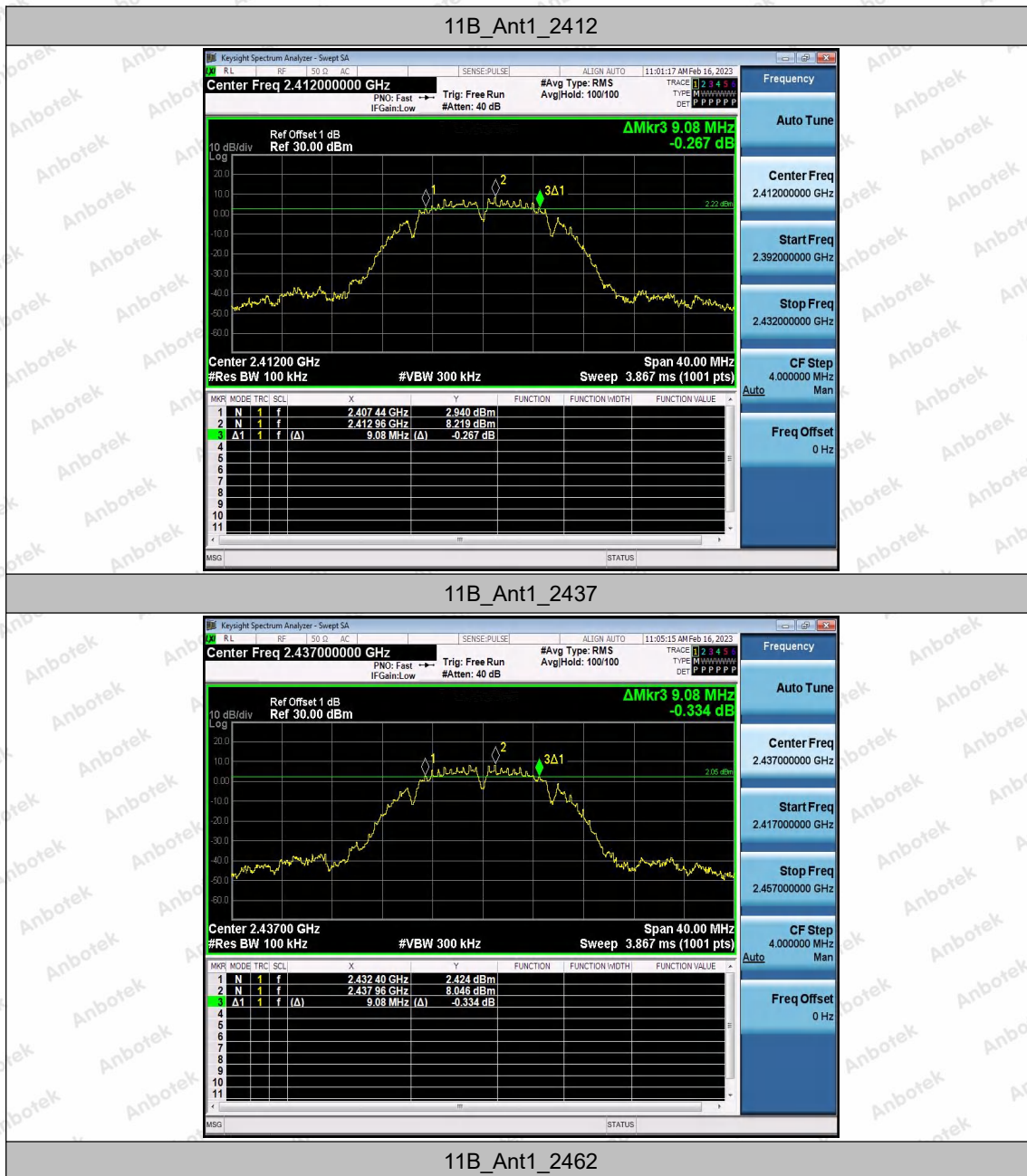
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.440	2416.520	≥0.5	PASS
		2437	9.080	2432.400	2441.480	≥0.5	PASS
		2462	9.040	2457.440	2466.480	≥0.5	PASS
11G	Ant1	2412	12.600	2405.640	2418.240	≥0.5	PASS
		2437	12.520	2430.880	2443.400	≥0.5	PASS
		2462	16.080	2453.800	2469.880	≥0.5	PASS
11N20	Ant1	2412	13.840	2405.640	2419.480	≥0.5	PASS
		2437	15.680	2429.040	2444.720	≥0.5	PASS
		2462	15.440	2454.040	2469.480	≥0.5	PASS



Test Graphs



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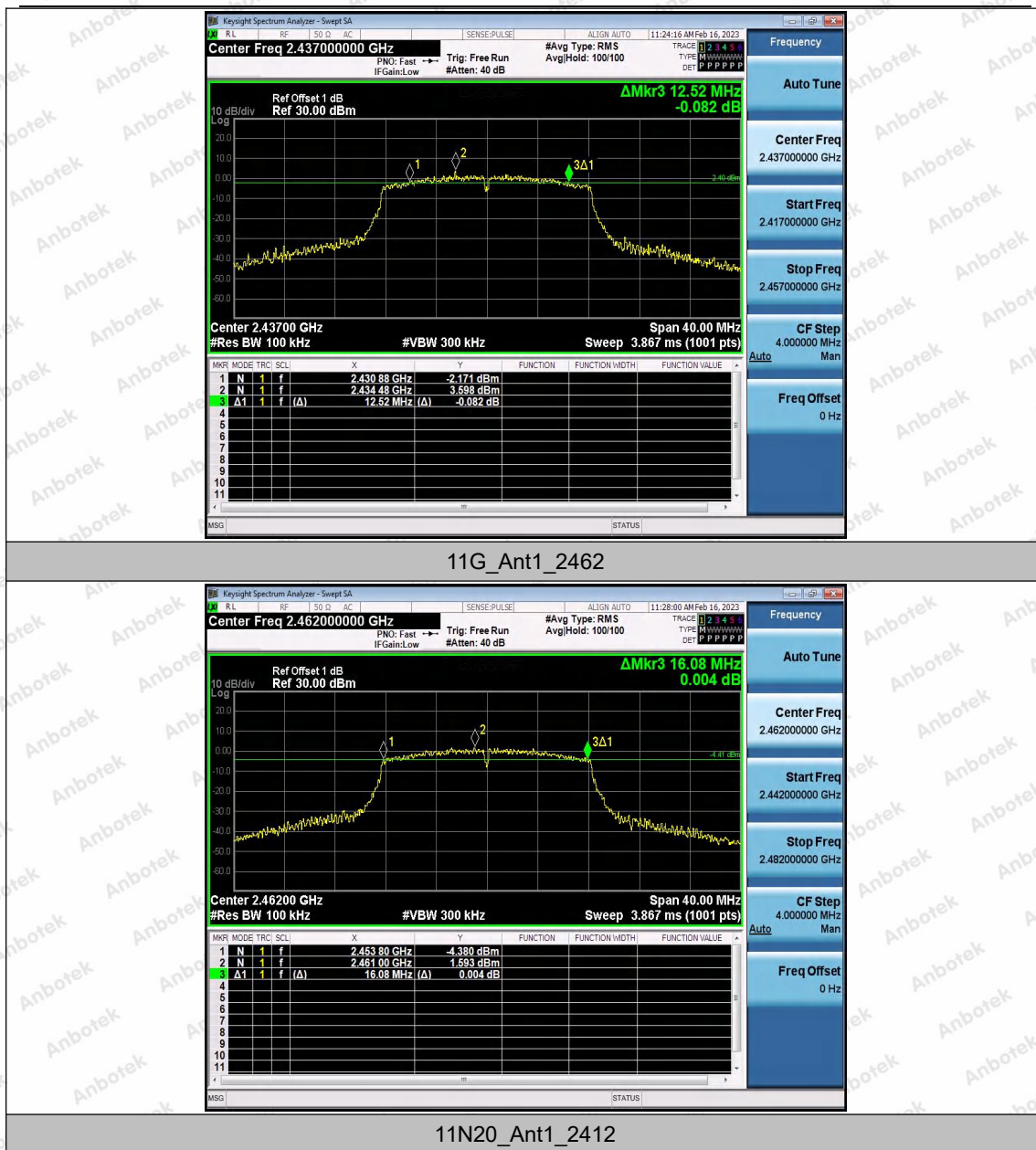
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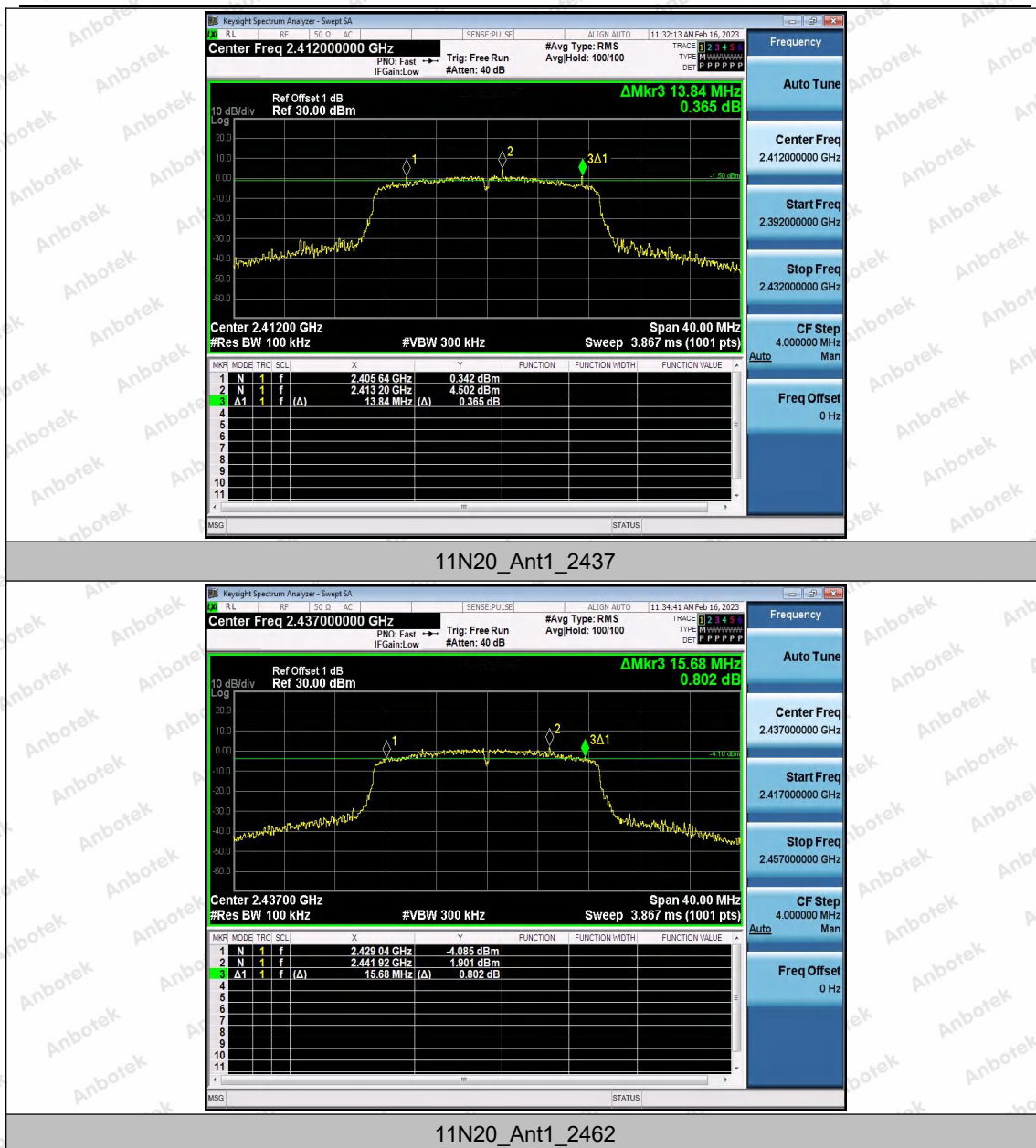
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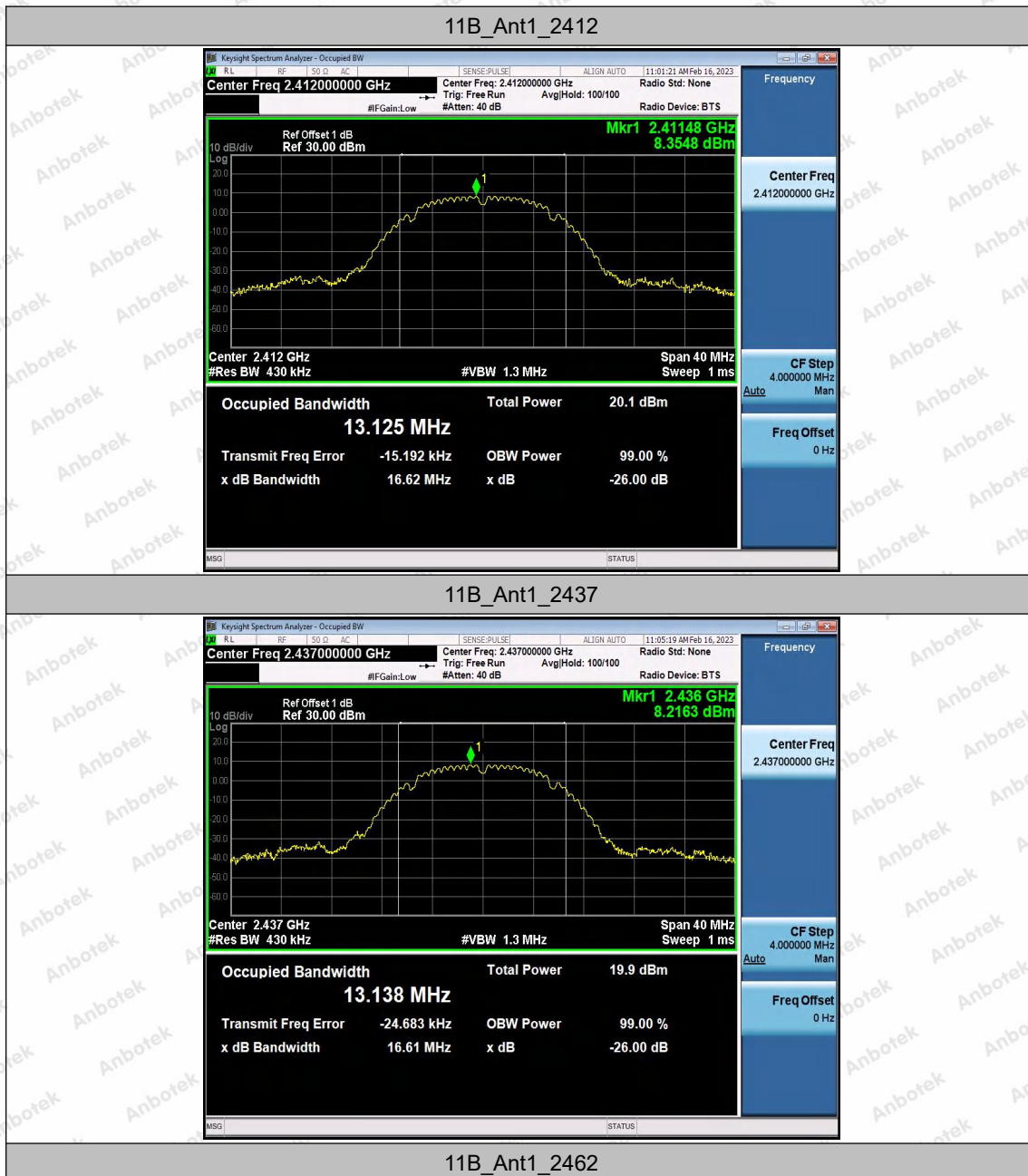
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.125	2405.4223	2418.5473	---	---
		2437	13.138	2430.4063	2443.5443	---	---
		2462	13.139	2455.4045	2468.5435	---	---
11G	Ant1	2412	16.383	2403.7897	2420.1727	---	---
		2437	16.461	2428.7364	2445.1974	---	---
		2462	16.377	2453.7685	2470.1455	---	---
11N20	Ant1	2412	17.281	2403.3374	2420.6184	---	---
		2437	17.292	2428.3121	2445.6041	---	---
		2462	17.318	2453.3032	2470.6212	---	---



Test Graphs



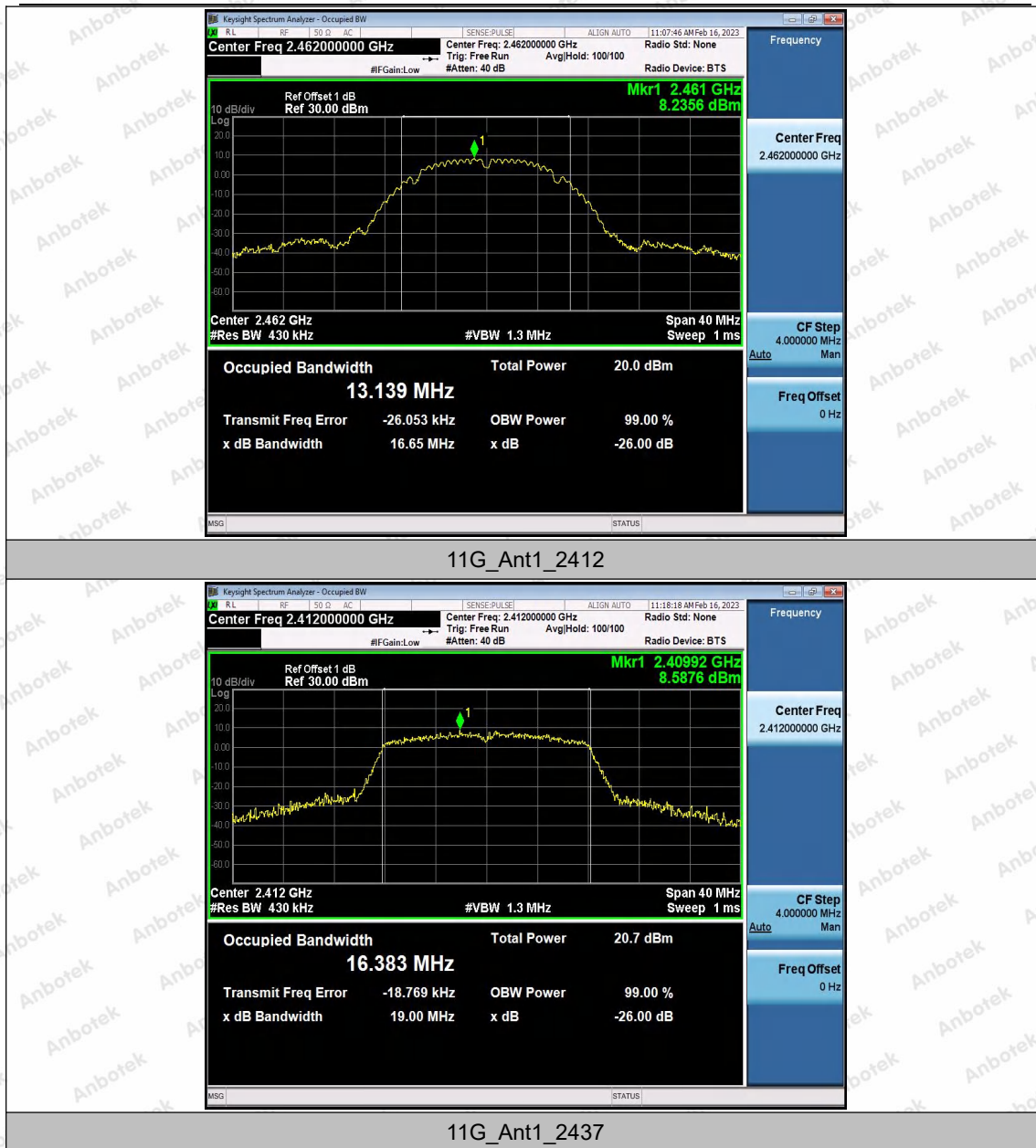
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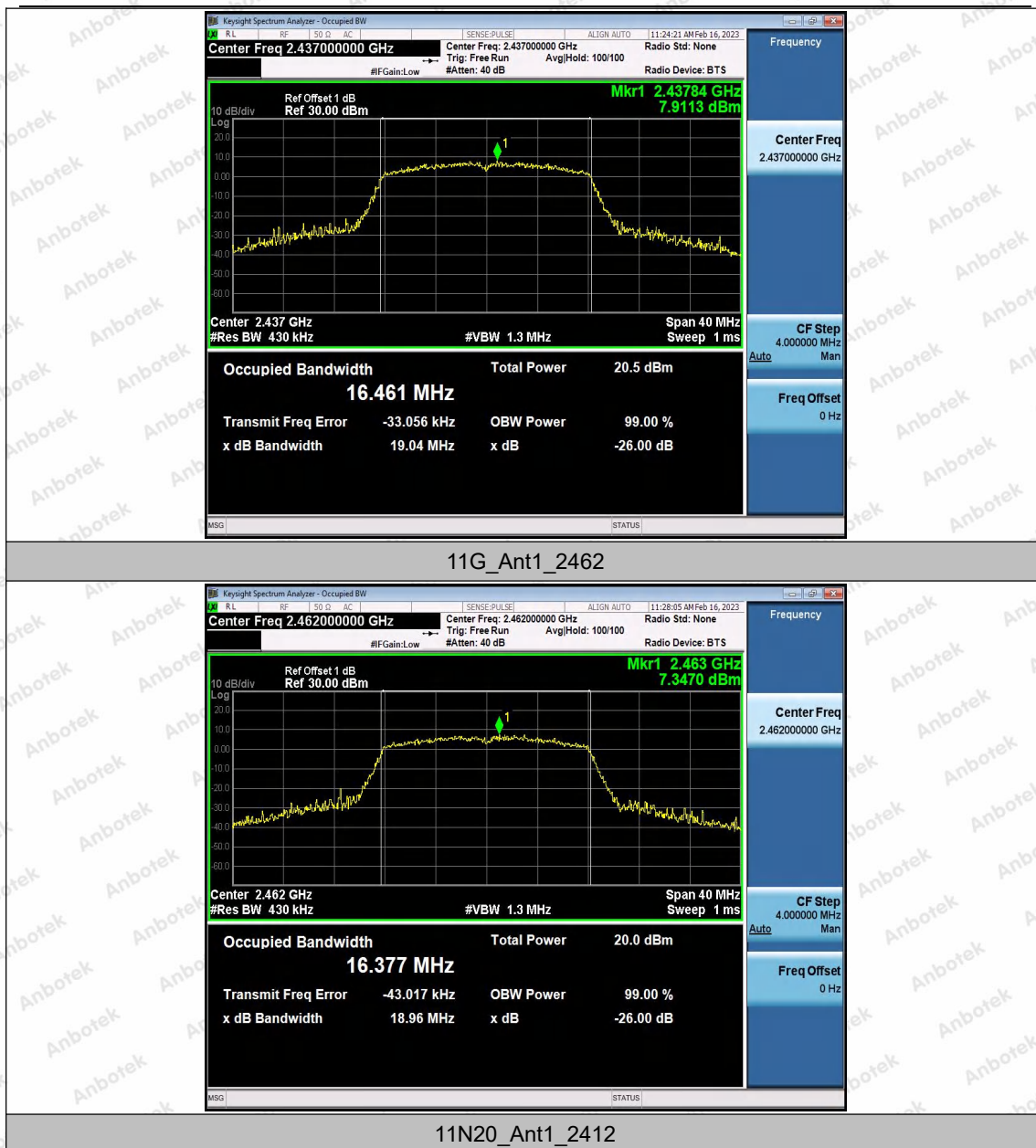
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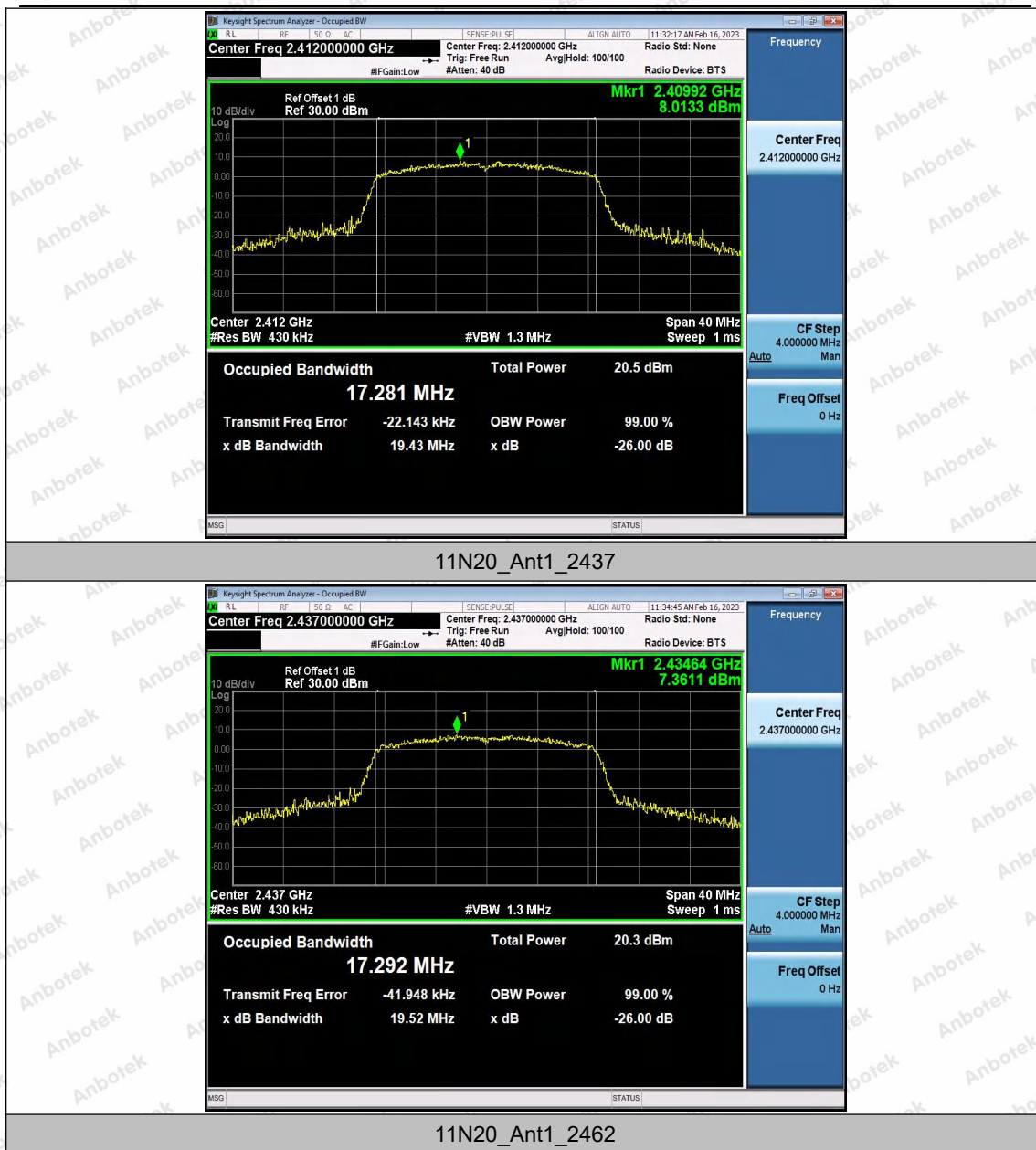
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	20.13	≤30.00
		2437	19.97	≤30.00
		2462	19.96	≤30.00
11G	Ant1	2412	21.29	≤30.00
		2437	21.55	≤30.00
		2462	21.17	≤30.00
11N20	Ant1	2412	21.63	≤30.00
		2437	21.04	≤30.00
		2462	21.52	≤30.00



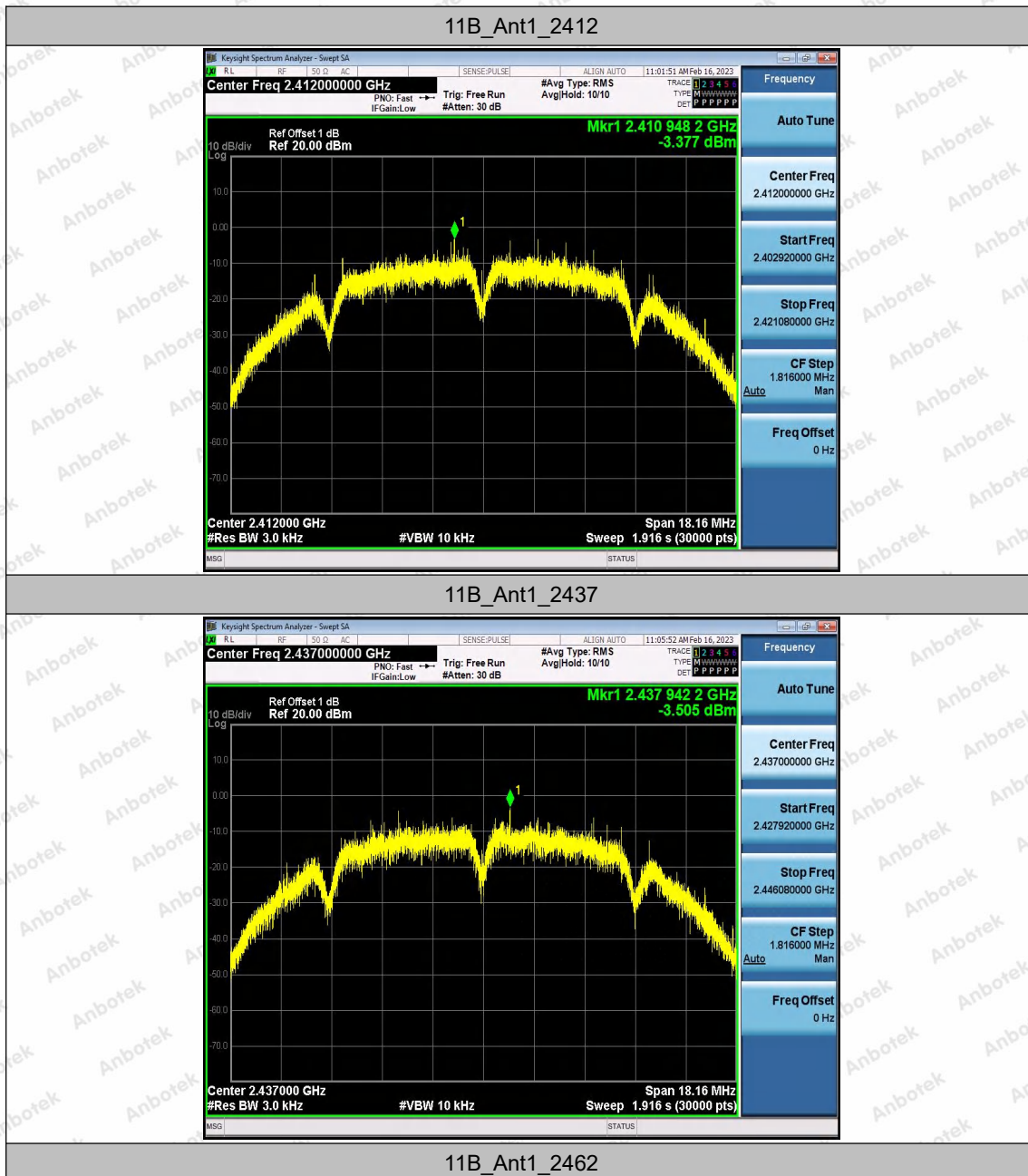
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-3.38	≤8.00	PASS
		2437	-3.51	≤8.00	PASS
		2462	-3.46	≤8.00	PASS
11G	Ant1	2412	-10.33	≤8.00	PASS
		2437	-8.36	≤8.00	PASS
		2462	-9.36	≤8.00	PASS
11N20	Ant1	2412	-9.25	≤8.00	PASS
		2437	-10.25	≤8.00	PASS
		2462	-10.25	≤8.00	PASS



Test Graphs



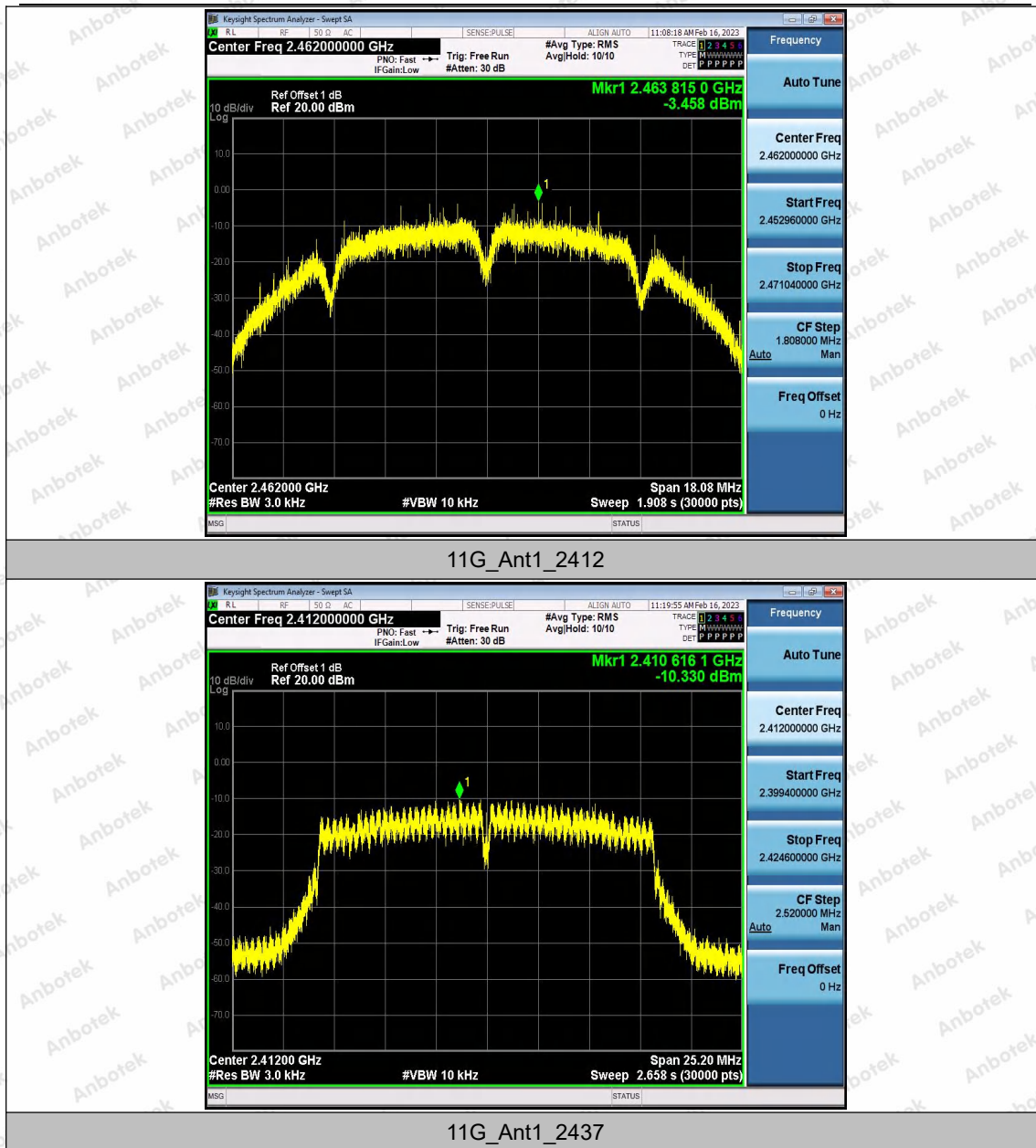
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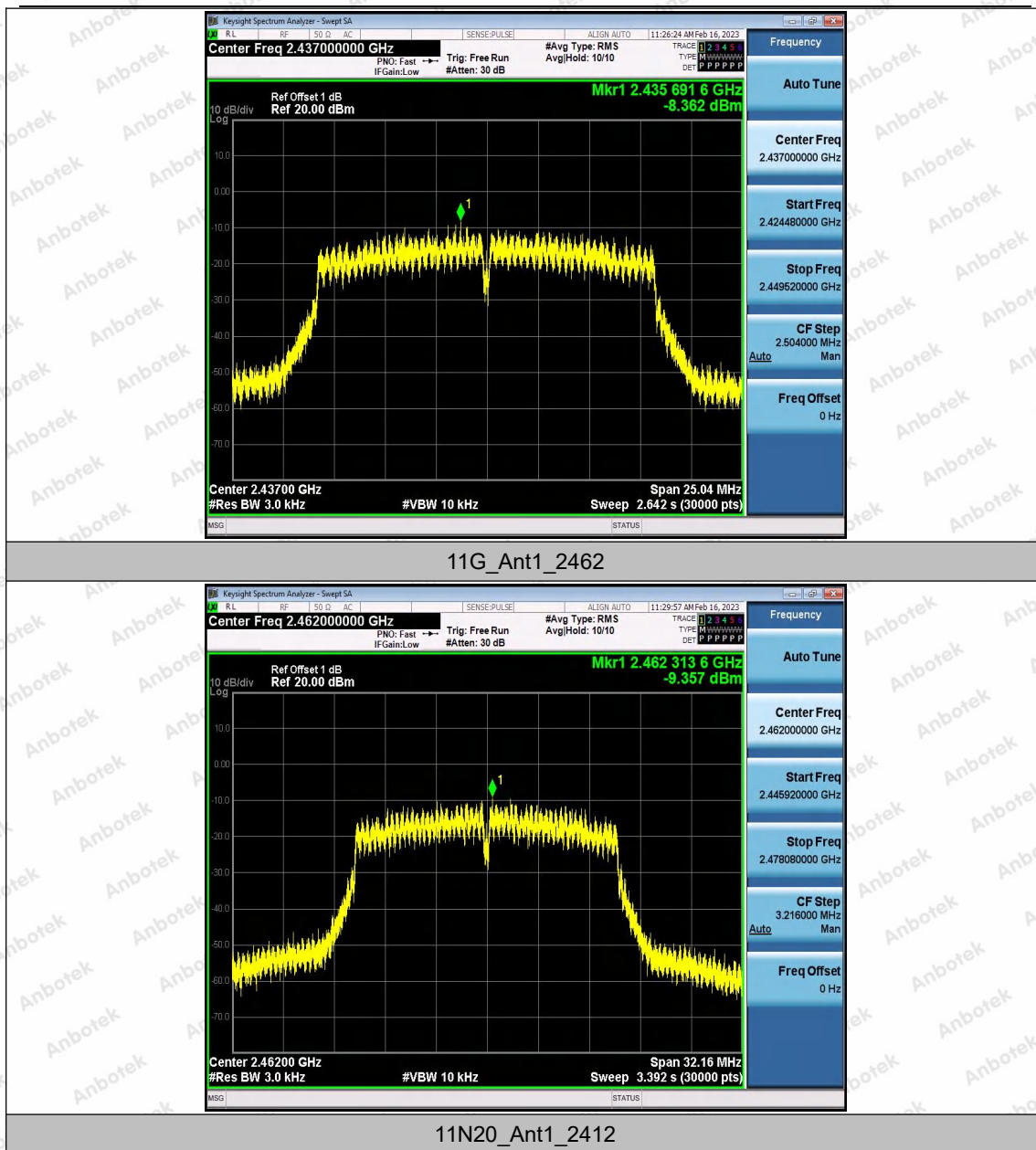
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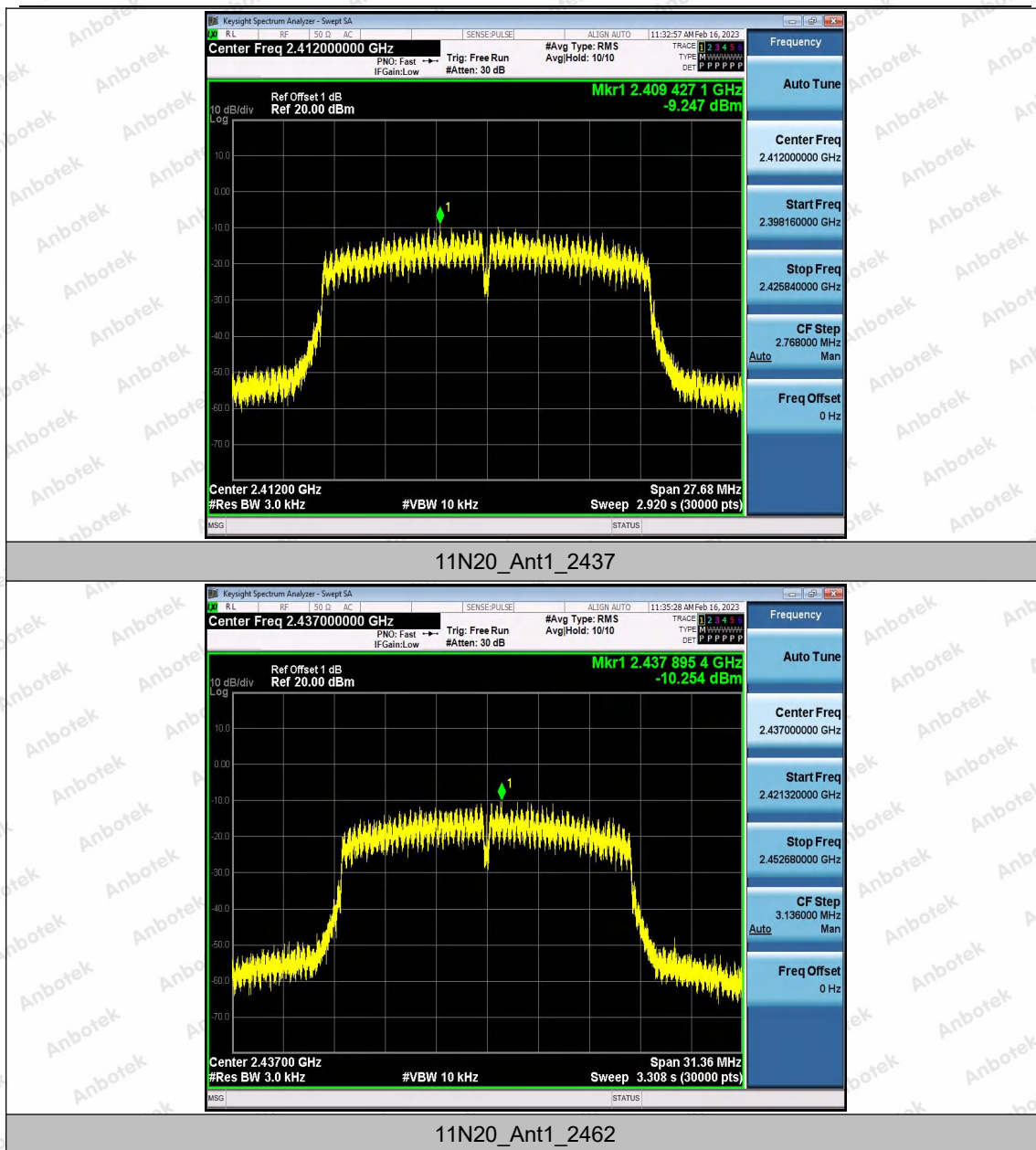
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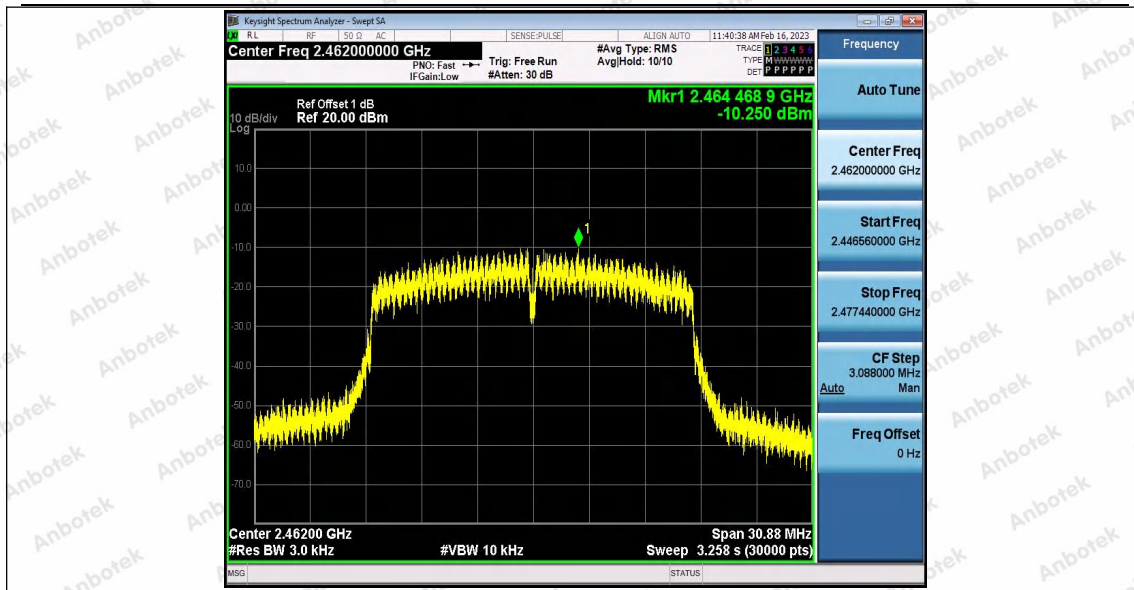
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.89	-36.3	≤-12.12	PASS
		High	2462	7.01	-45.52	≤-12.99	PASS
11G	Ant1	Low	2412	3.08	-31.36	≤-16.92	PASS
		High	2462	1.35	-47.74	≤-18.65	PASS
11N20	Ant1	Low	2412	3.58	-25.01	≤-16.42	PASS
		High	2462	2.86	-44.95	≤-17.14	PASS



Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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