

Appendix Test Data

Report No.:	18220WC20201701	Test Sample No.:	1-2-2
Start Test Date:	2022.11.21	Finish Test Date:	2022.12.1
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	26.3°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	9.080	2407.440	2416.520	≥0.5	PASS
		2437	9.560	2432.440	2442.000	≥0.5	PASS
		2462	9.600	2456.960	2466.560	≥0.5	PASS
11G	Ant1	2412	16.560	2403.720	2420.280	≥0.5	PASS
		2437	16.520	2428.760	2445.280	≥0.5	PASS
		2462	16.320	2453.840	2470.160	≥0.5	PASS
11N20	Ant1	2412	17.320	2403.440	2420.760	≥0.5	PASS
		2437	17.360	2428.400	2445.760	≥0.5	PASS
		2462	17.080	2453.440	2470.520	≥0.5	PASS



Test Graphs



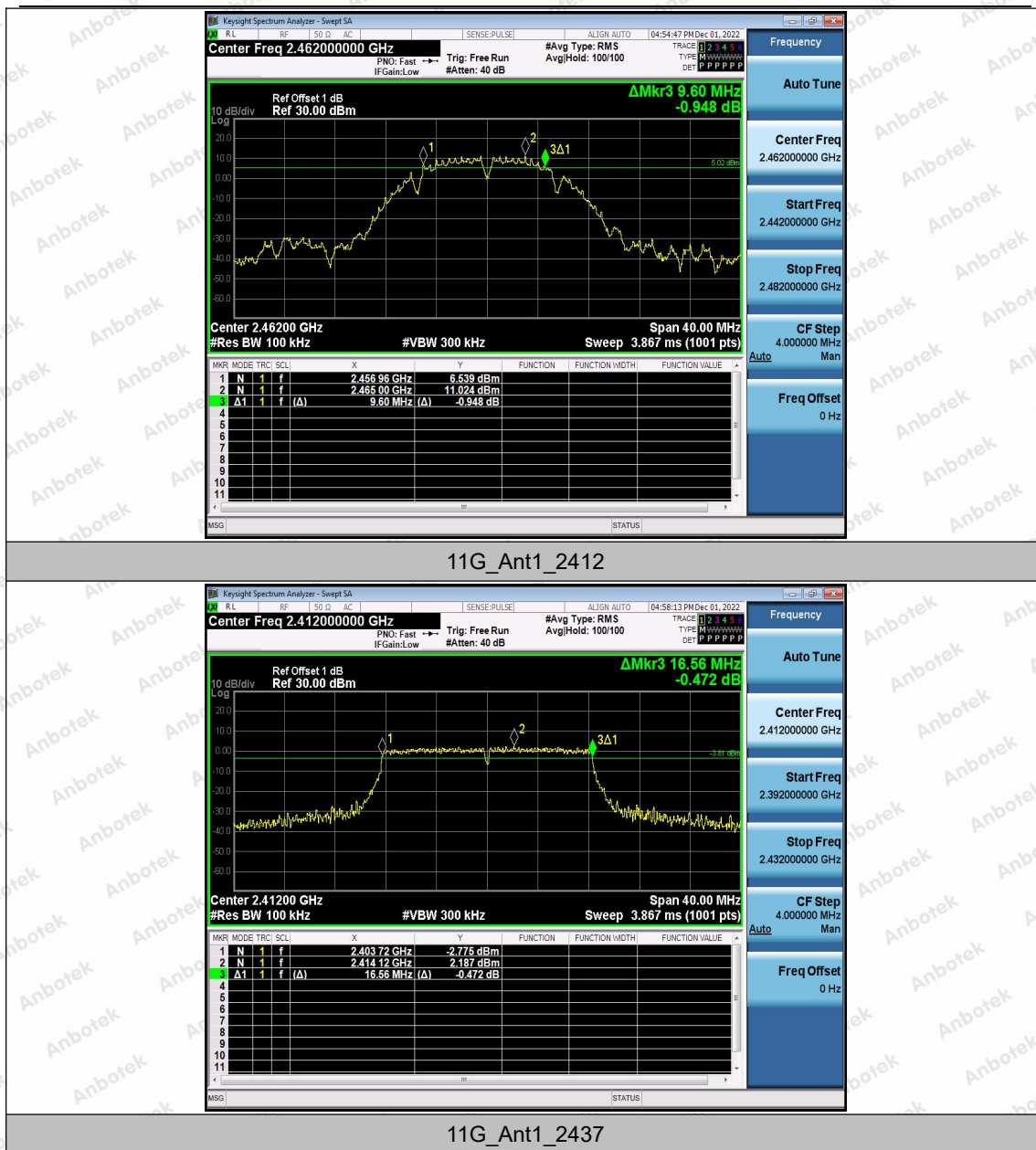
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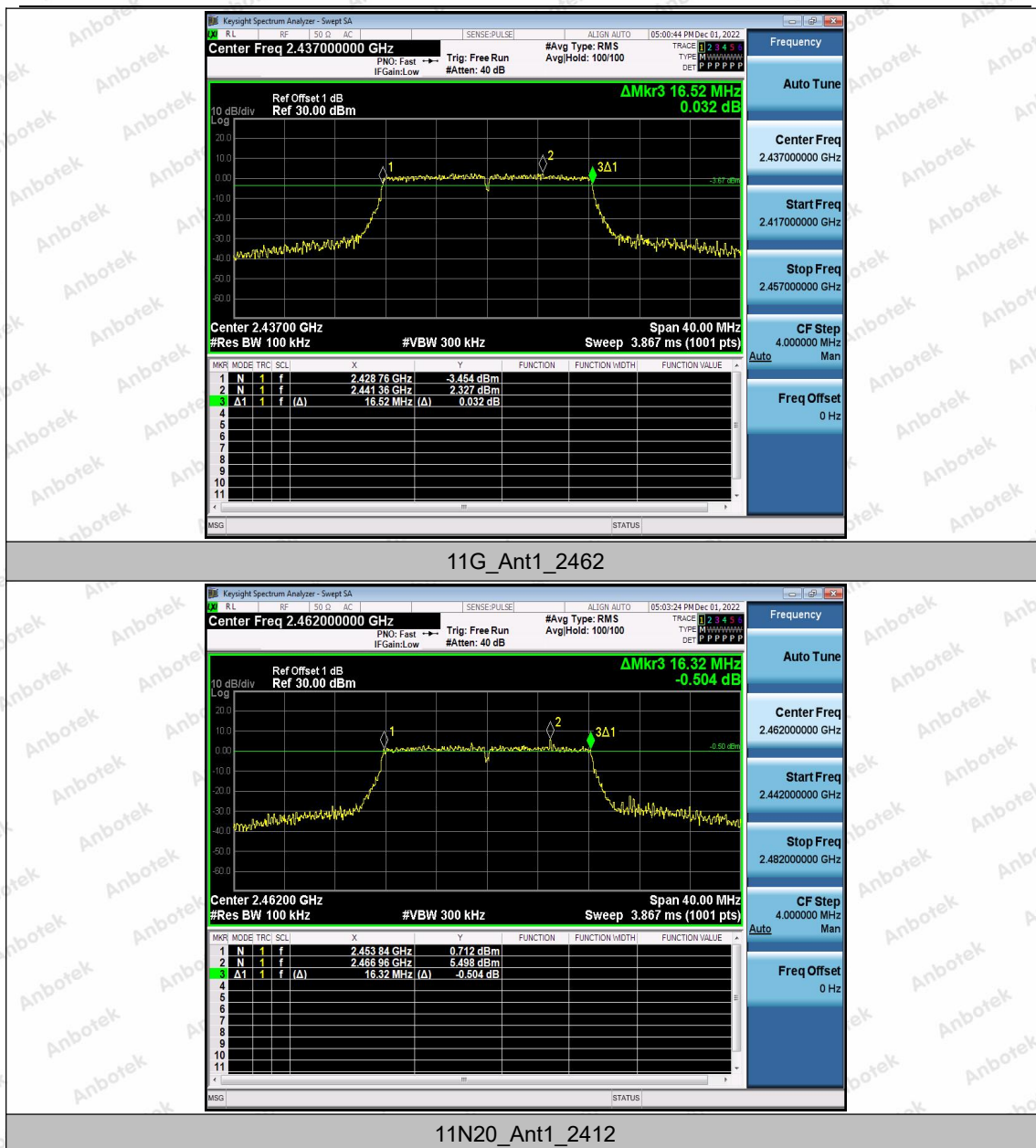


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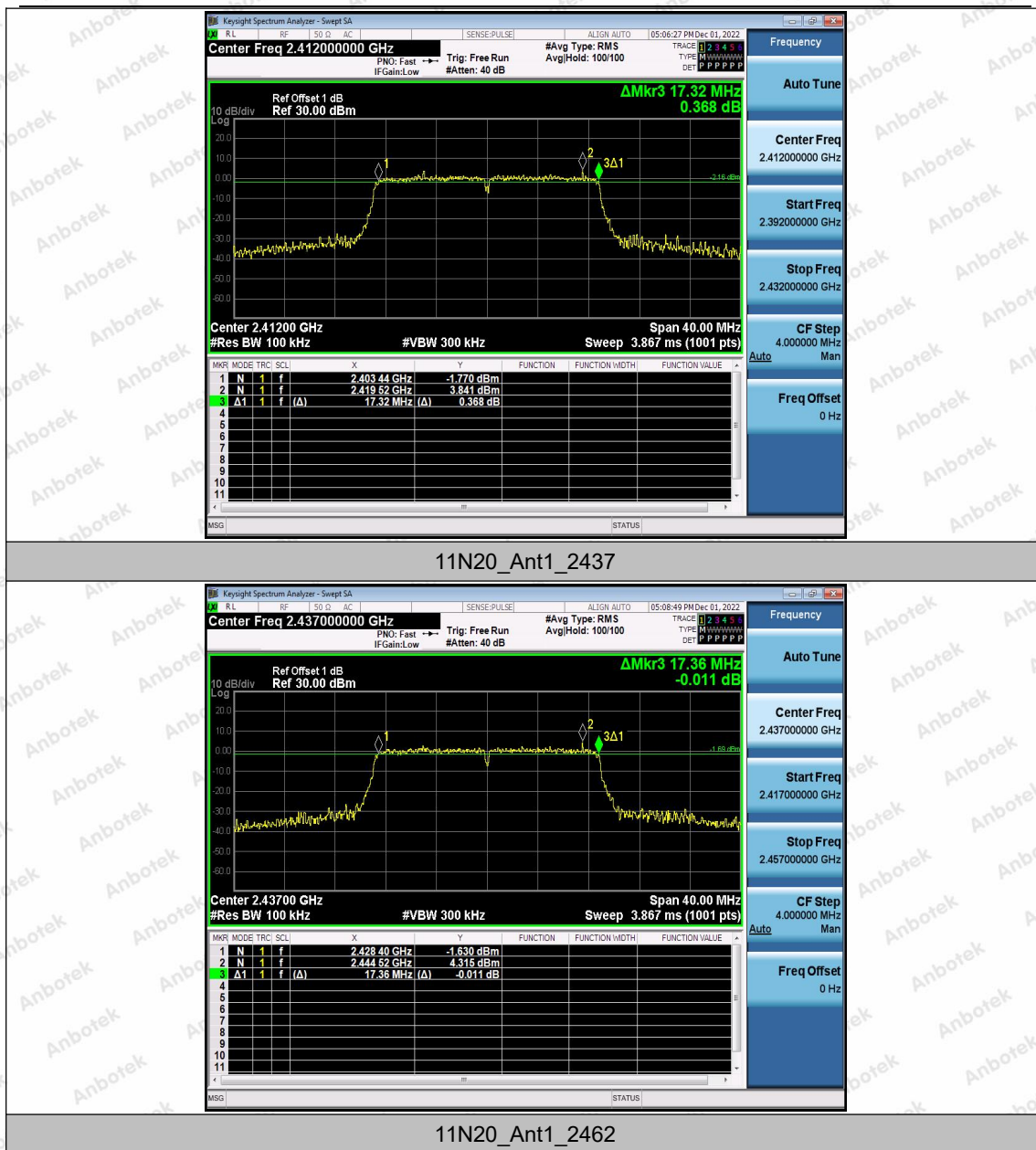
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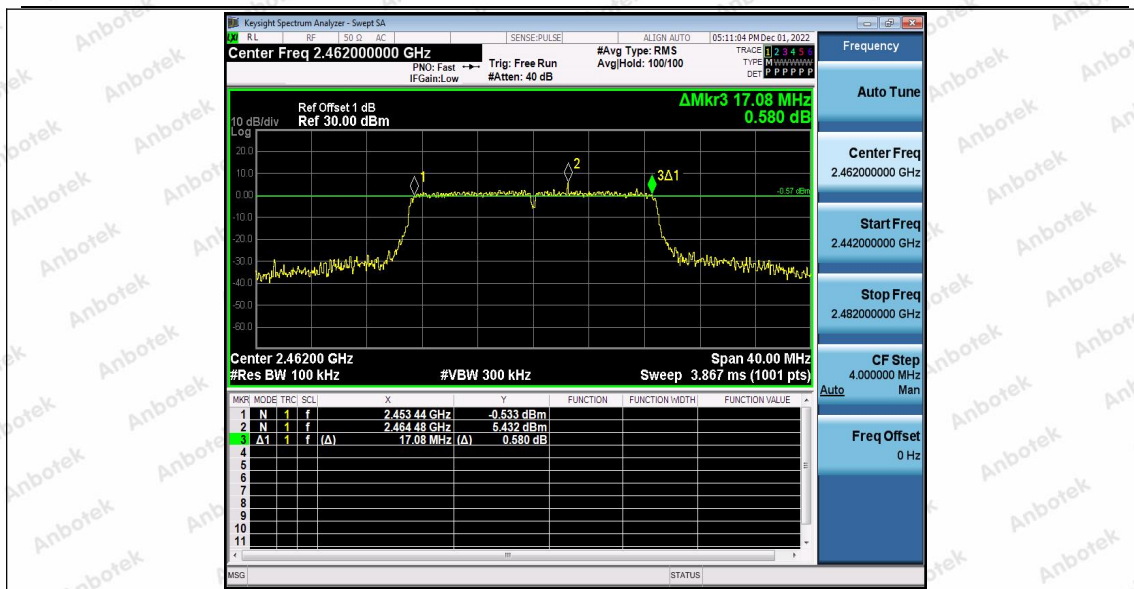
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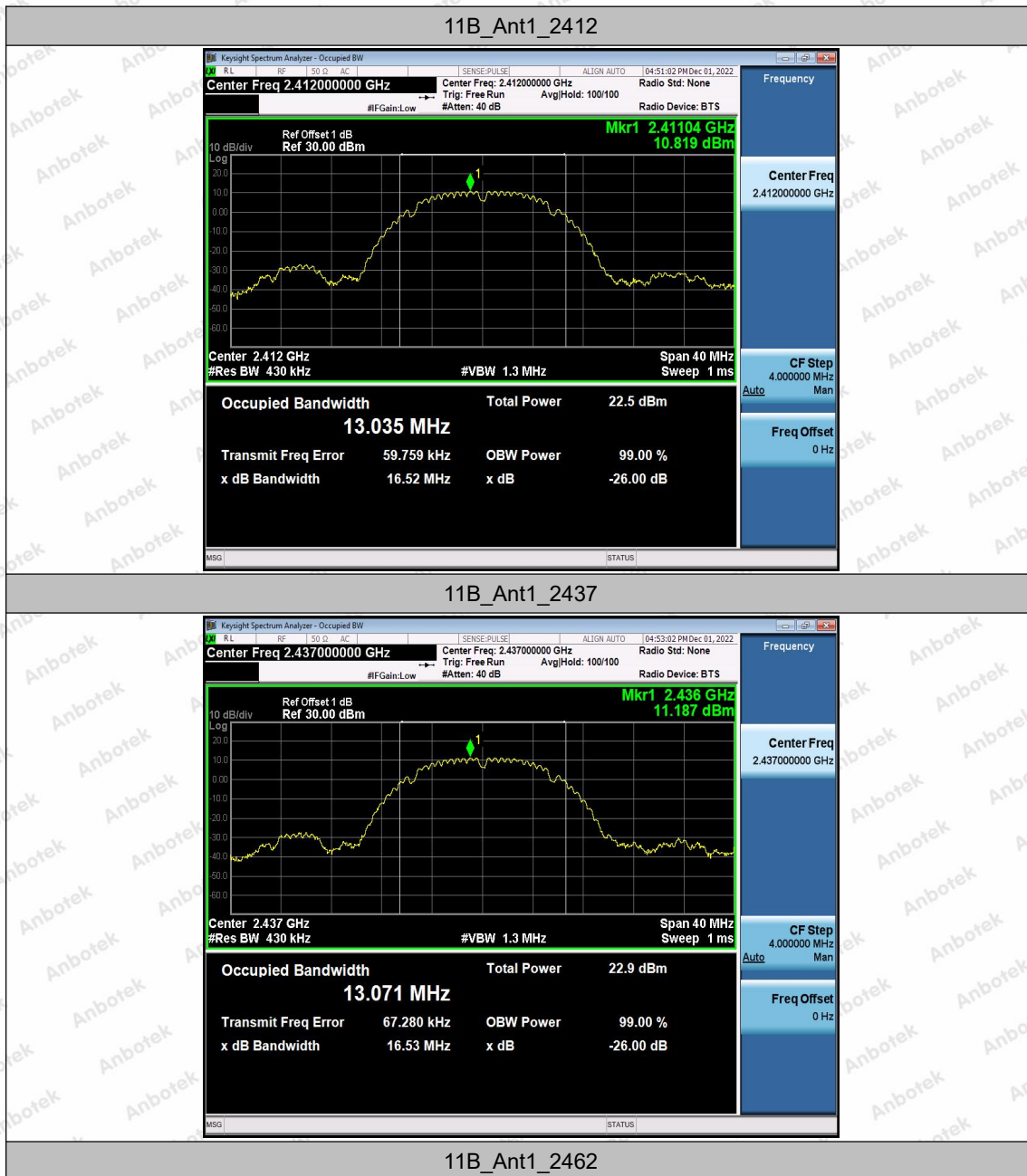
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.035	2405.5423	2418.5773	---	---
		2437	13.071	2430.5318	2443.6028	---	---
		2462	13.341	2455.3956	2468.7366	---	---
11G	Ant1	2412	16.863	2403.6149	2420.4779	---	---
		2437	16.862	2428.6080	2445.4700	---	---
		2462	16.838	2453.6401	2470.4781	---	---
11N20	Ant1	2412	17.656	2403.2002	2420.8562	---	---
		2437	17.638	2428.2134	2445.8514	---	---
		2462	17.689	2453.1814	2470.8704	---	---



Test Graphs



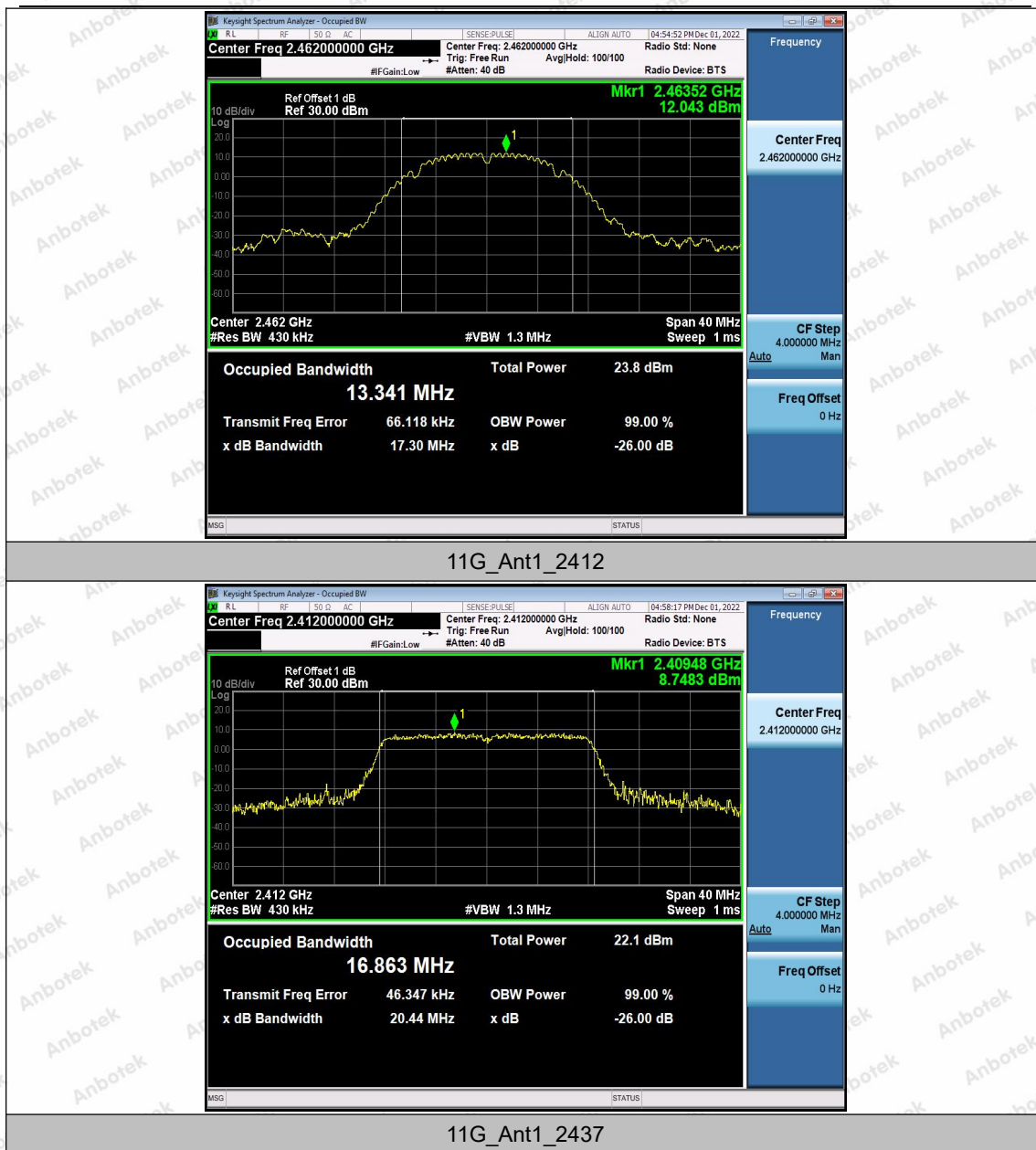
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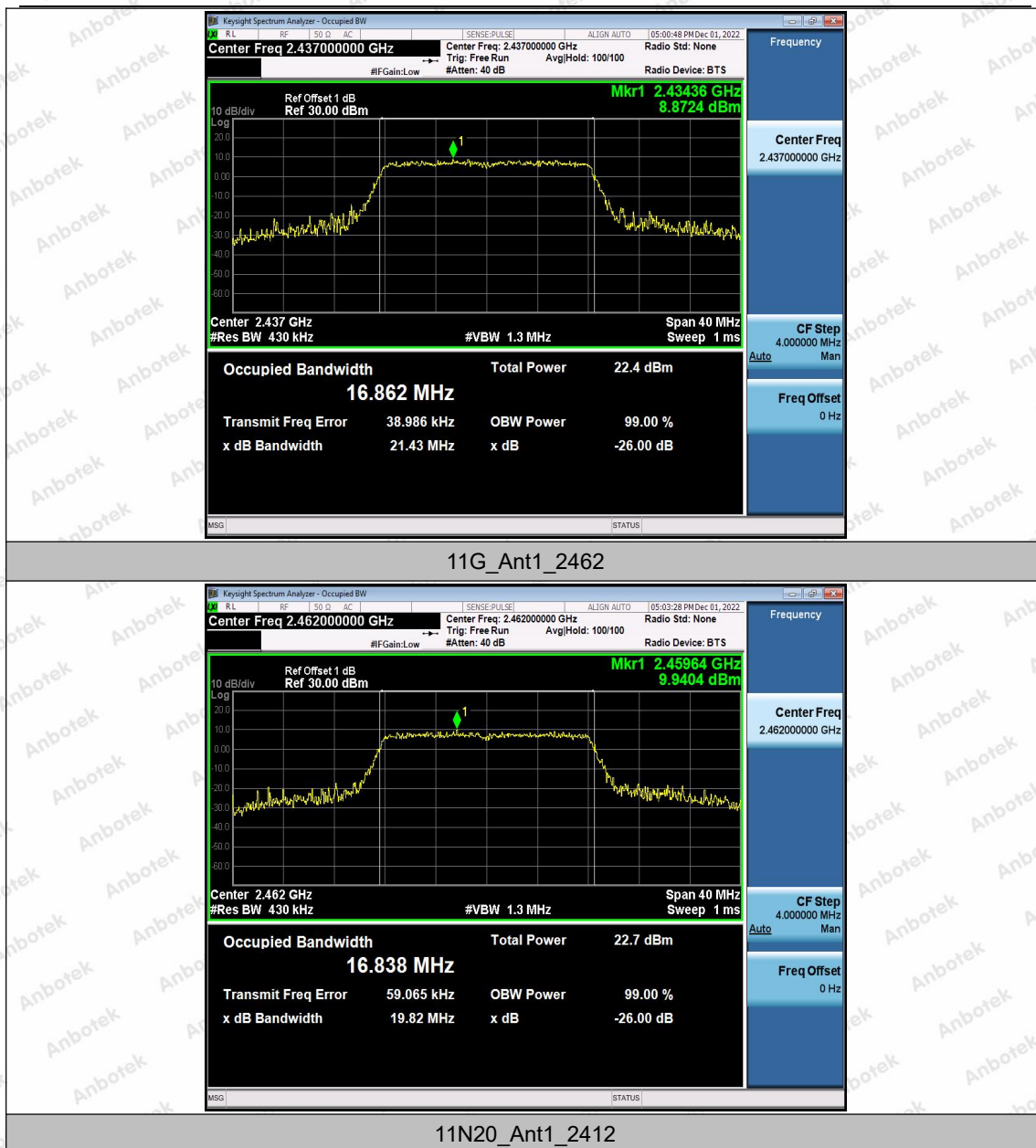
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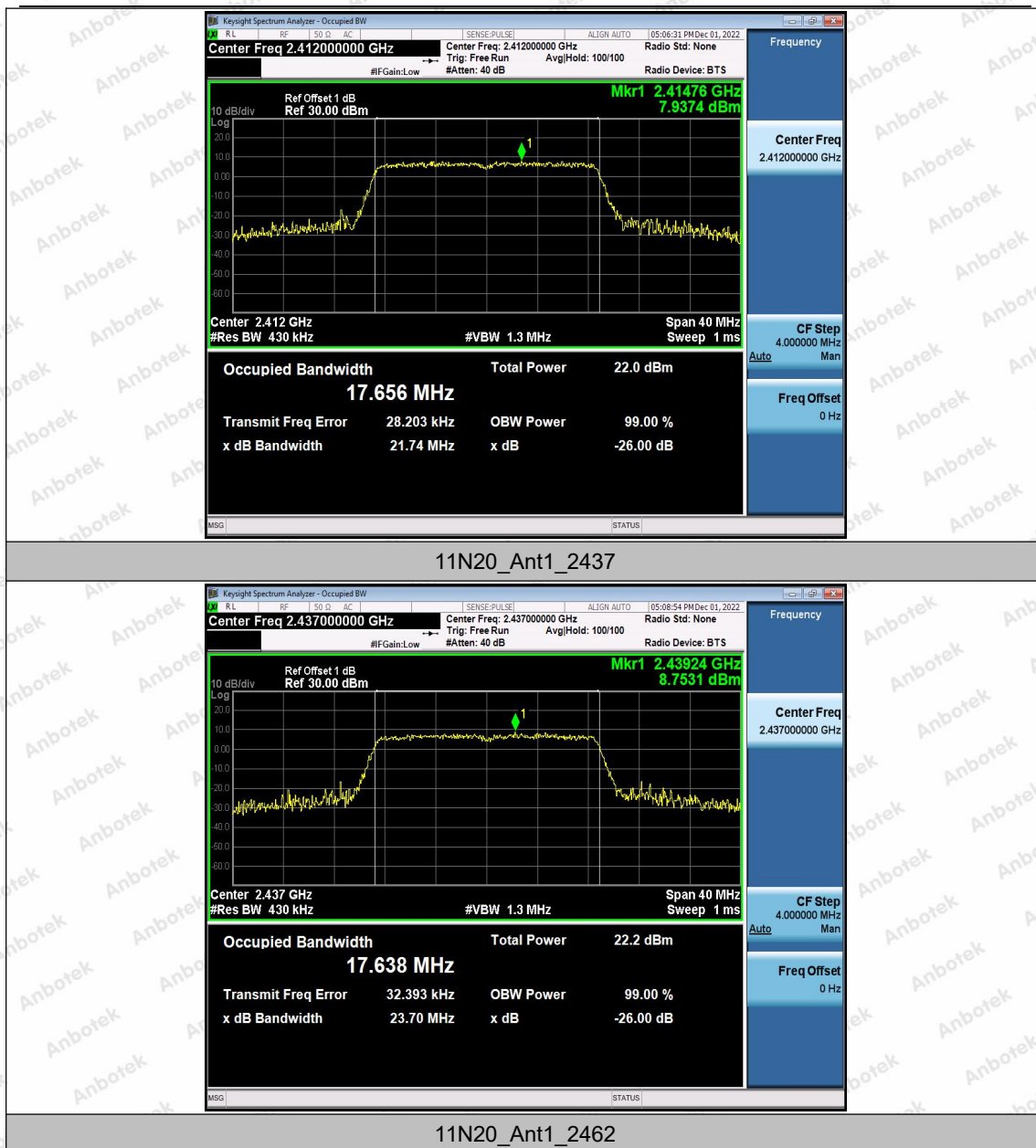
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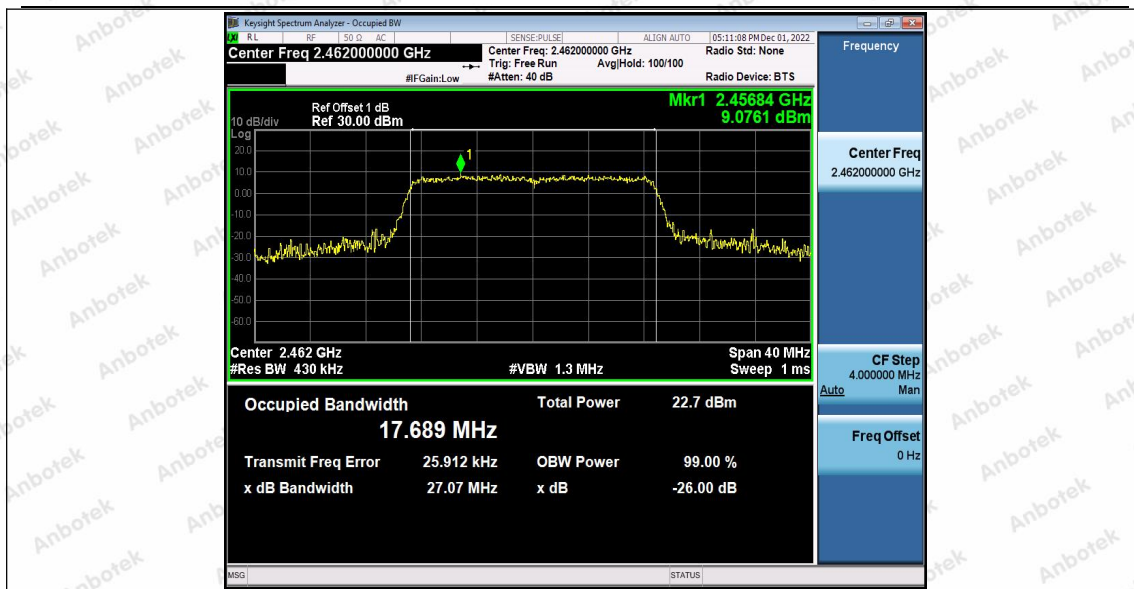
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]
11B	Ant1	2412	22.60	≤30.00
		2437	22.76	≤30.00
		2462	23.75	≤30.00
11G	Ant1	2412	23.27	≤30.00
		2437	23.41	≤30.00
		2462	23.93	≤30.00
11N20	Ant1	2412	23.12	≤30.00
		2437	23.35	≤30.00
		2462	23.88	≤30.00



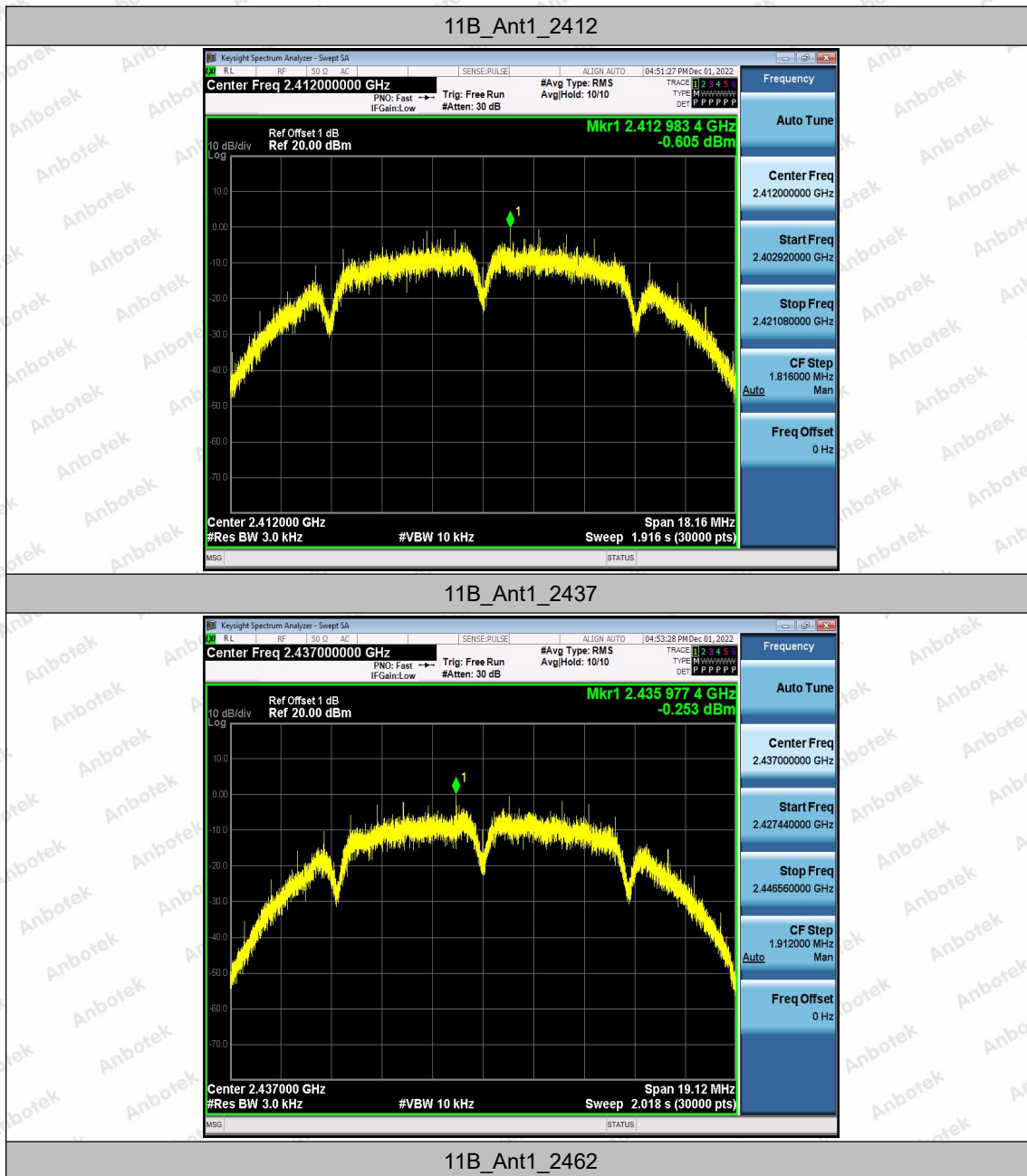
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.61	≤8.00	PASS
		2437	-0.25	≤8.00	PASS
		2462	0.2	≤8.00	PASS
11G	Ant1	2412	-8.41	≤8.00	PASS
		2437	-8.43	≤8.00	PASS
		2462	-7.55	≤8.00	PASS
11N20	Ant1	2412	-8.72	≤8.00	PASS
		2437	-9.52	≤8.00	PASS
		2462	-8.38	≤8.00	PASS



Test Graphs



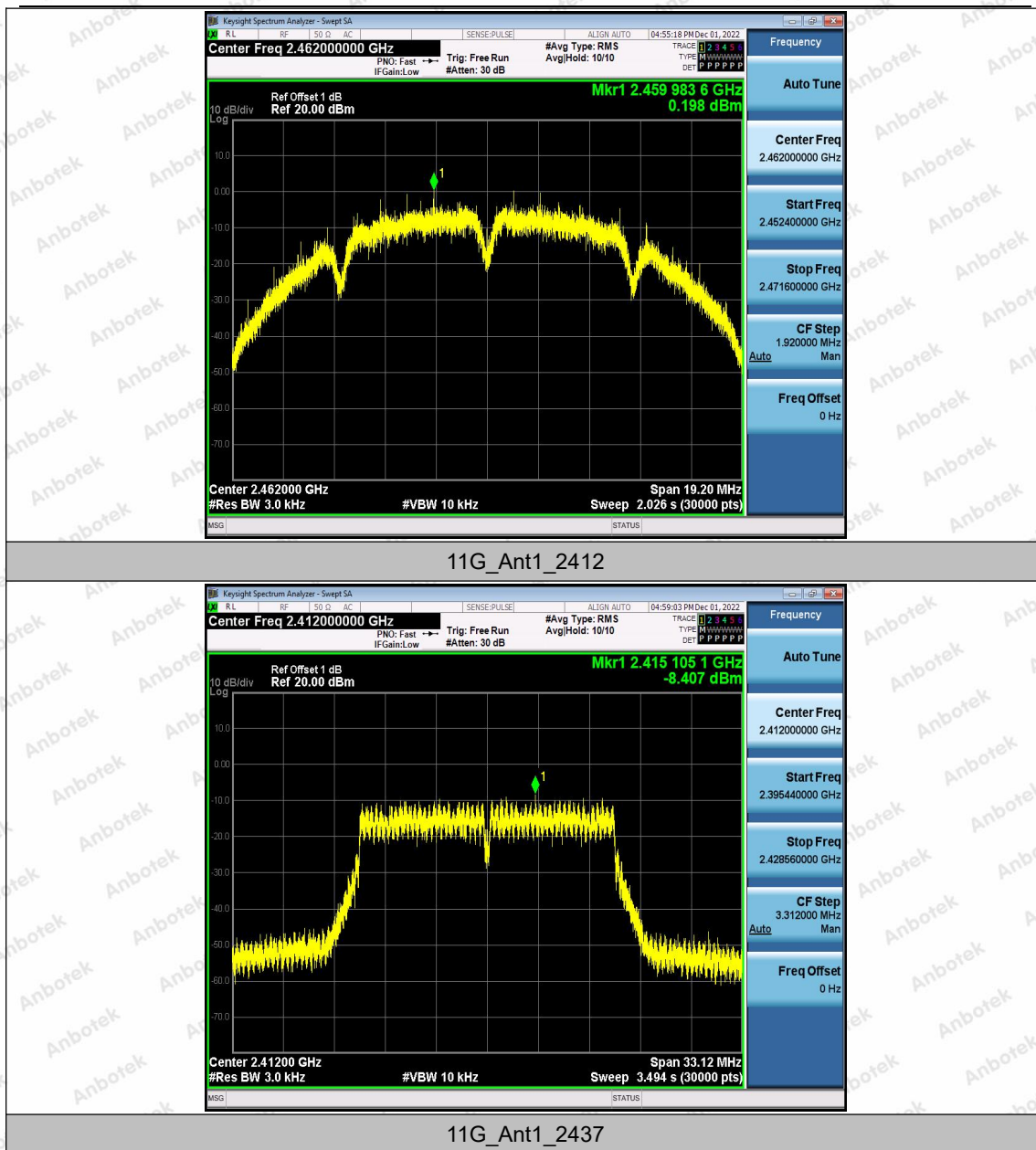
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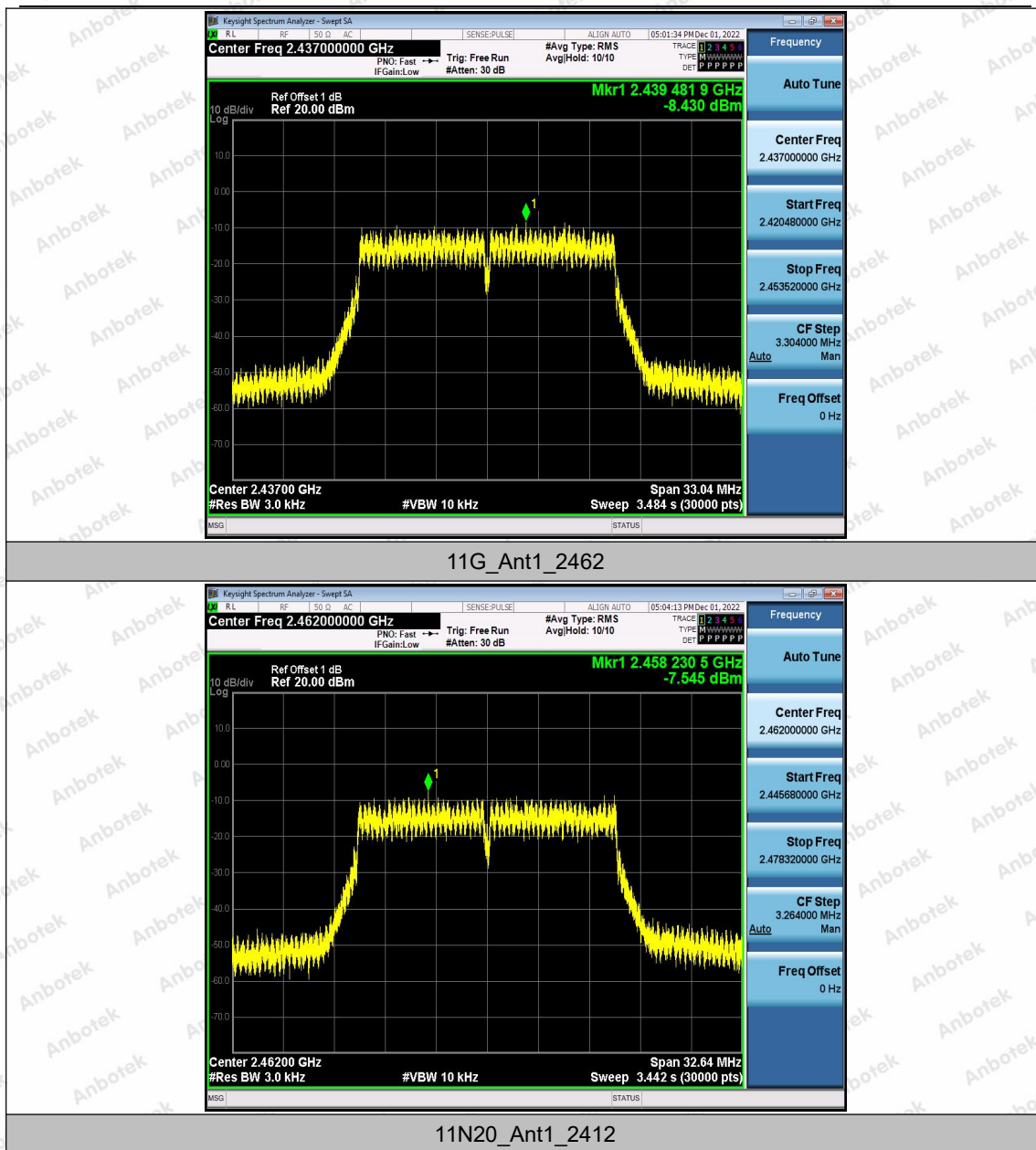
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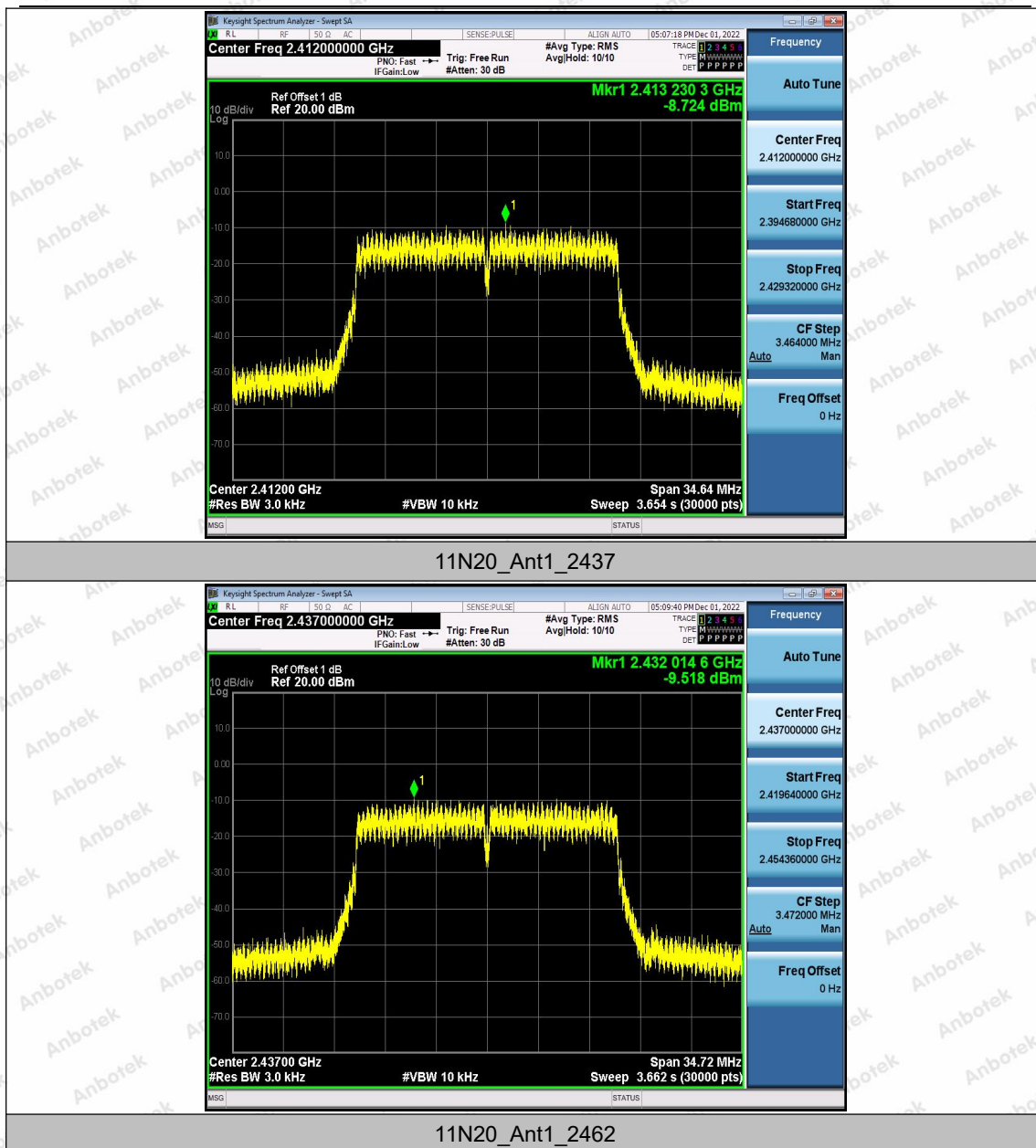
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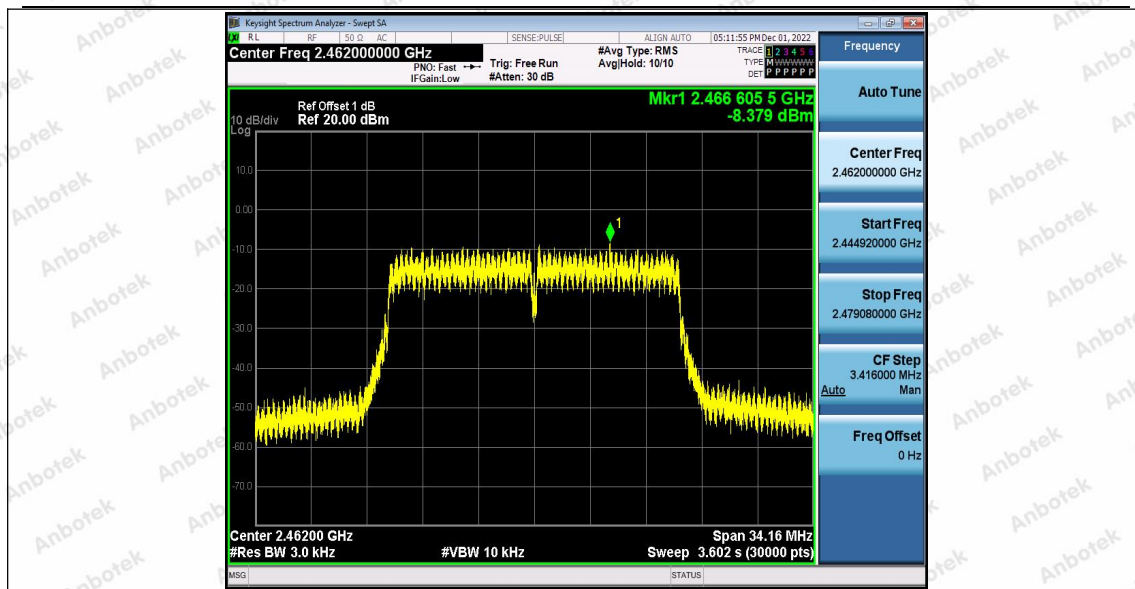
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	10.81	-28.71	≤-9.2	PASS
		High	2462	10.99	-36.19	≤-9.01	PASS
11G	Ant1	Low	2412	3.17	-27.51	≤-16.83	PASS
		High	2462	2.41	-36.65	≤-17.59	PASS
11N20	Ant1	Low	2412	4.79	-28.82	≤-15.21	PASS
		High	2462	2.35	-35.81	≤-17.65	PASS

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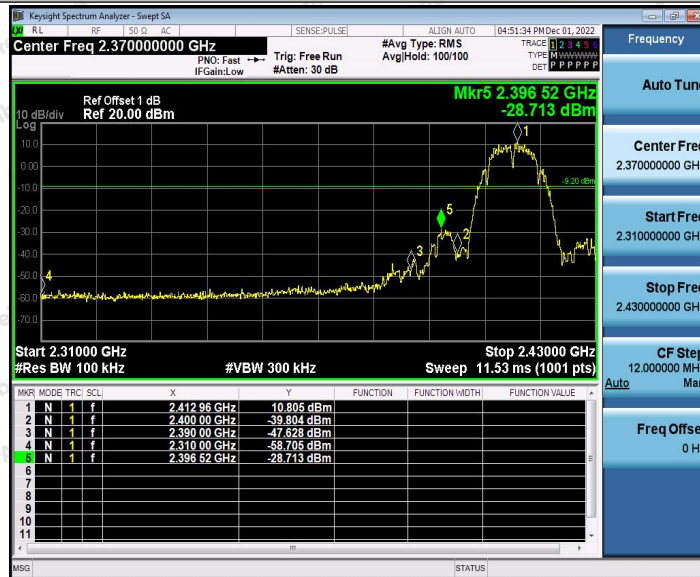


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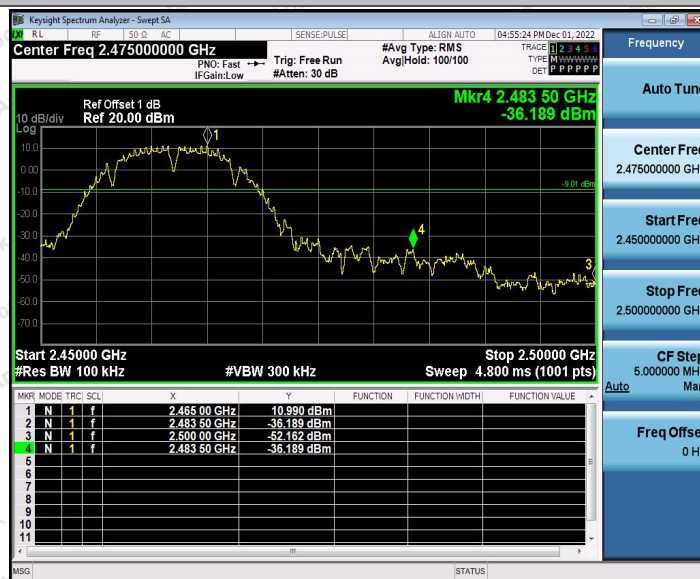


Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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