

Appendix Test Data

Report No.:	18220WC20189302	Test Sample No.:	1-2-2
Start Test Date:	2022.8.17	Finish Test Date:	2022.8.26
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	46%
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	2407.480	2416.560	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	8.600	2457.480	2466.080	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.400	2428.800	2445.200	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.560	2453.240	2470.800	0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

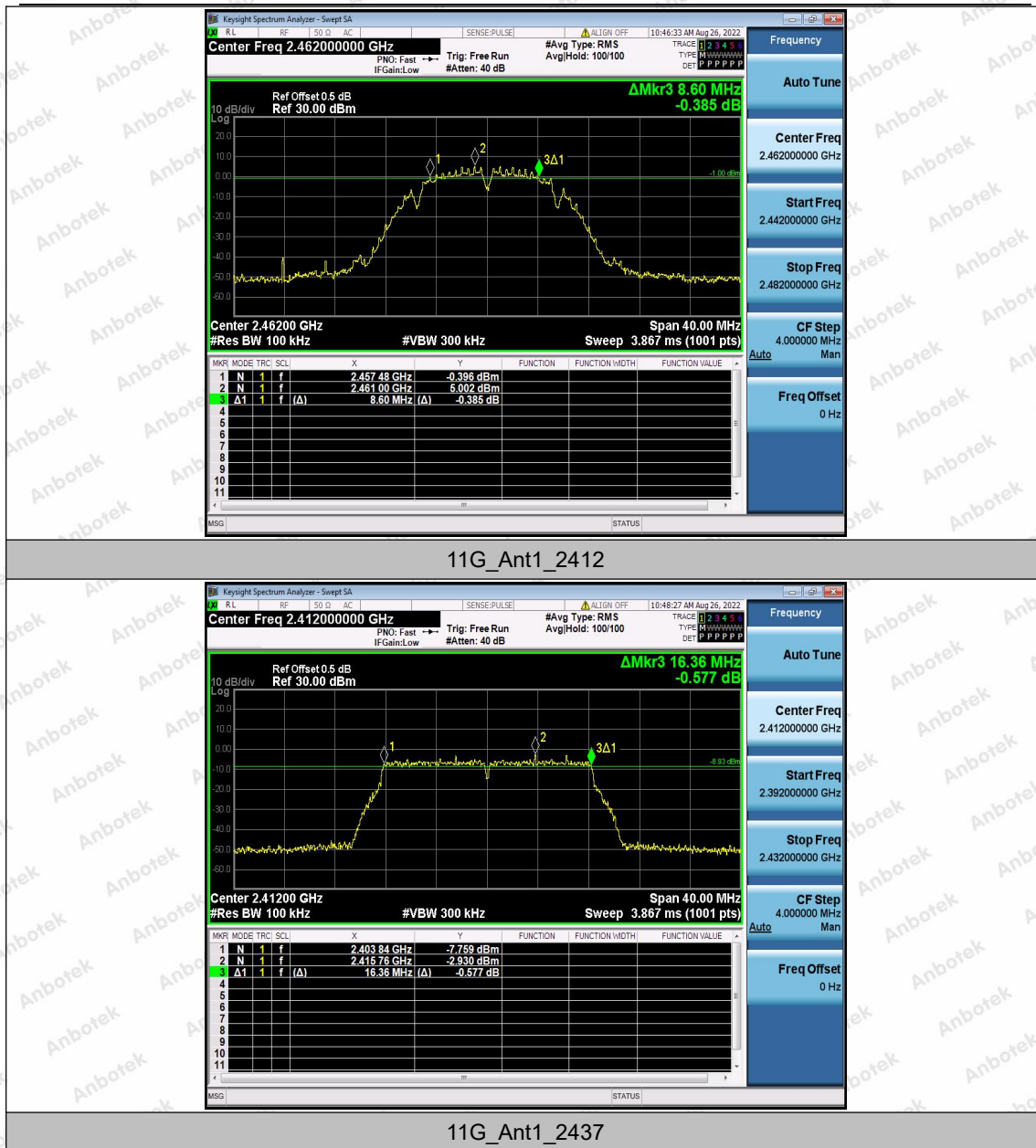
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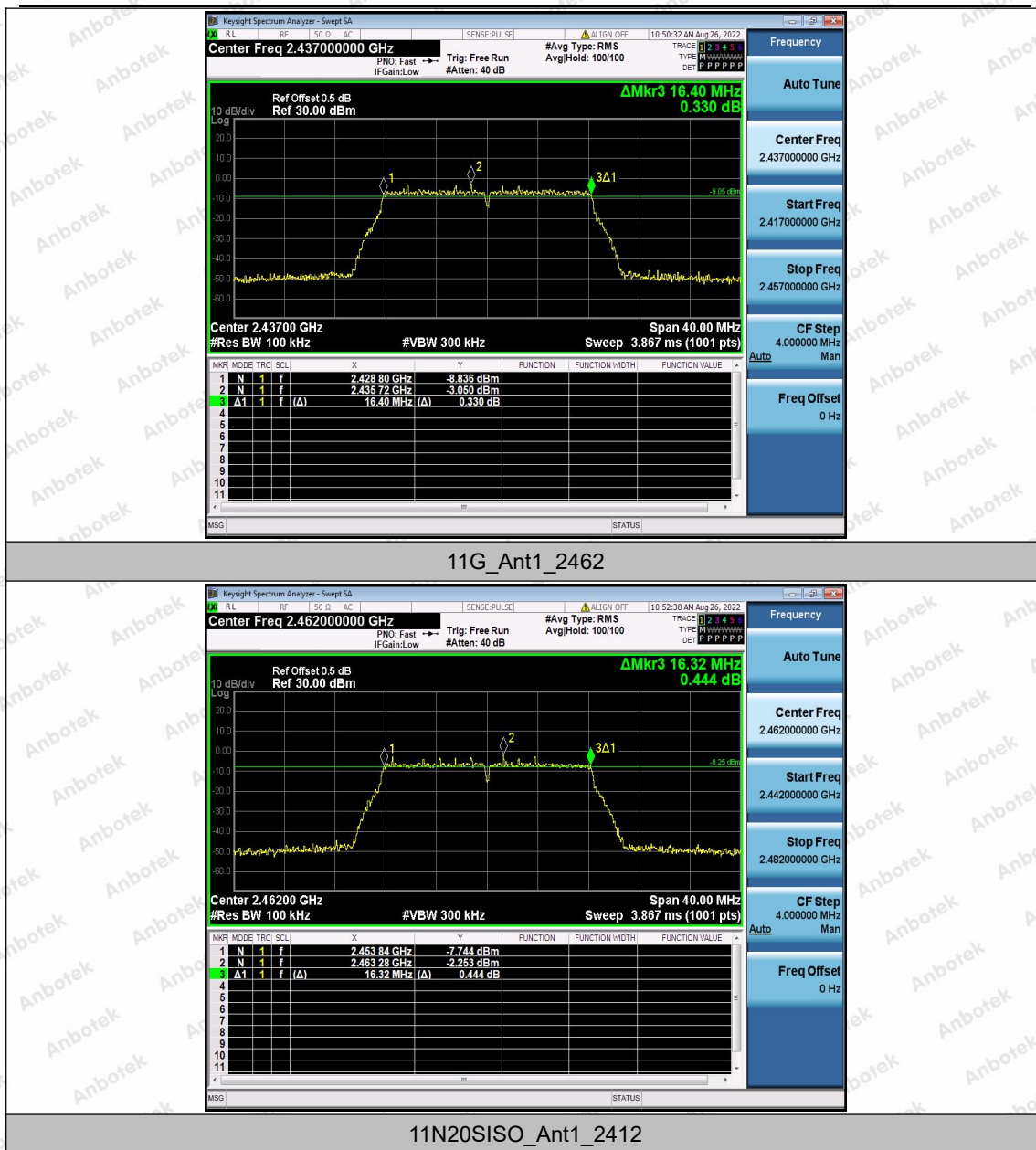
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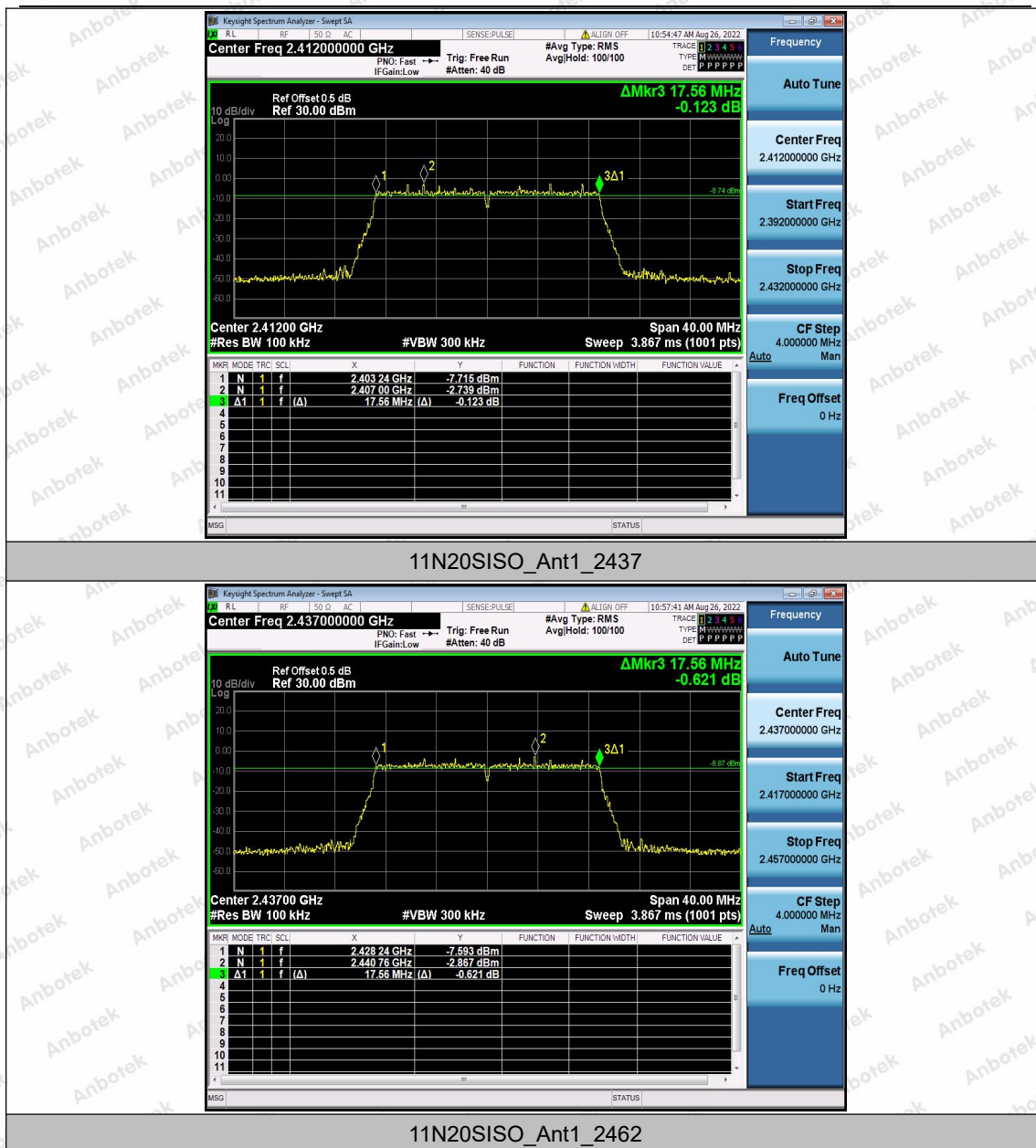
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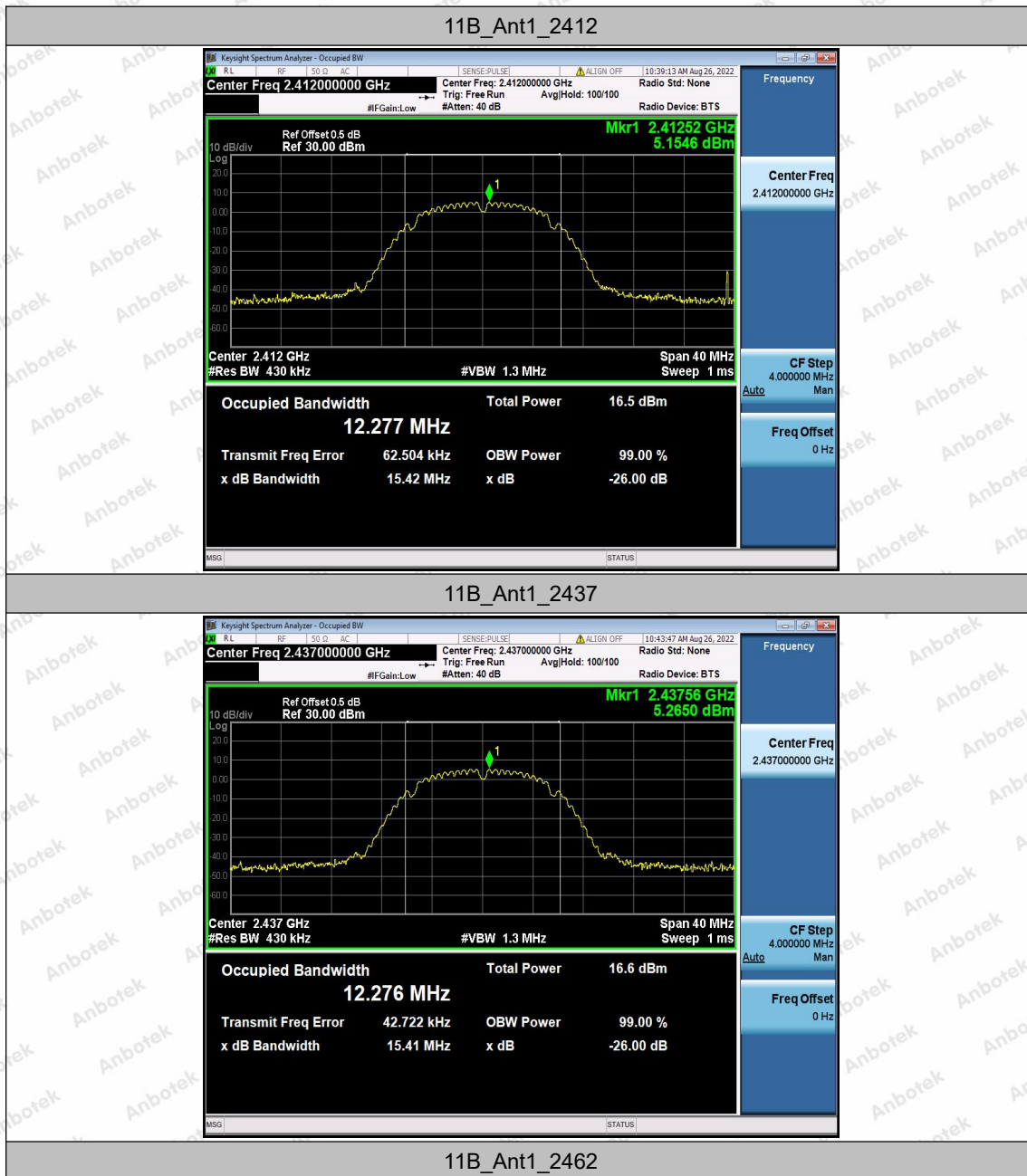
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	12.277	2405.9240	2418.2010
		2437	12.276	2430.9047	2443.1807
		2462	12.299	2455.8866	2468.1856
11G	Ant1	2412	17.063	2403.4998	2420.5628
		2437	17.059	2428.5254	2445.5844
		2462	17.003	2453.5504	2470.5534
11N20SISO	Ant1	2412	17.961	2403.0753	2421.0363
		2437	17.958	2428.0443	2446.0023
		2462	17.965	2453.0274	2470.9924



Test Graphs



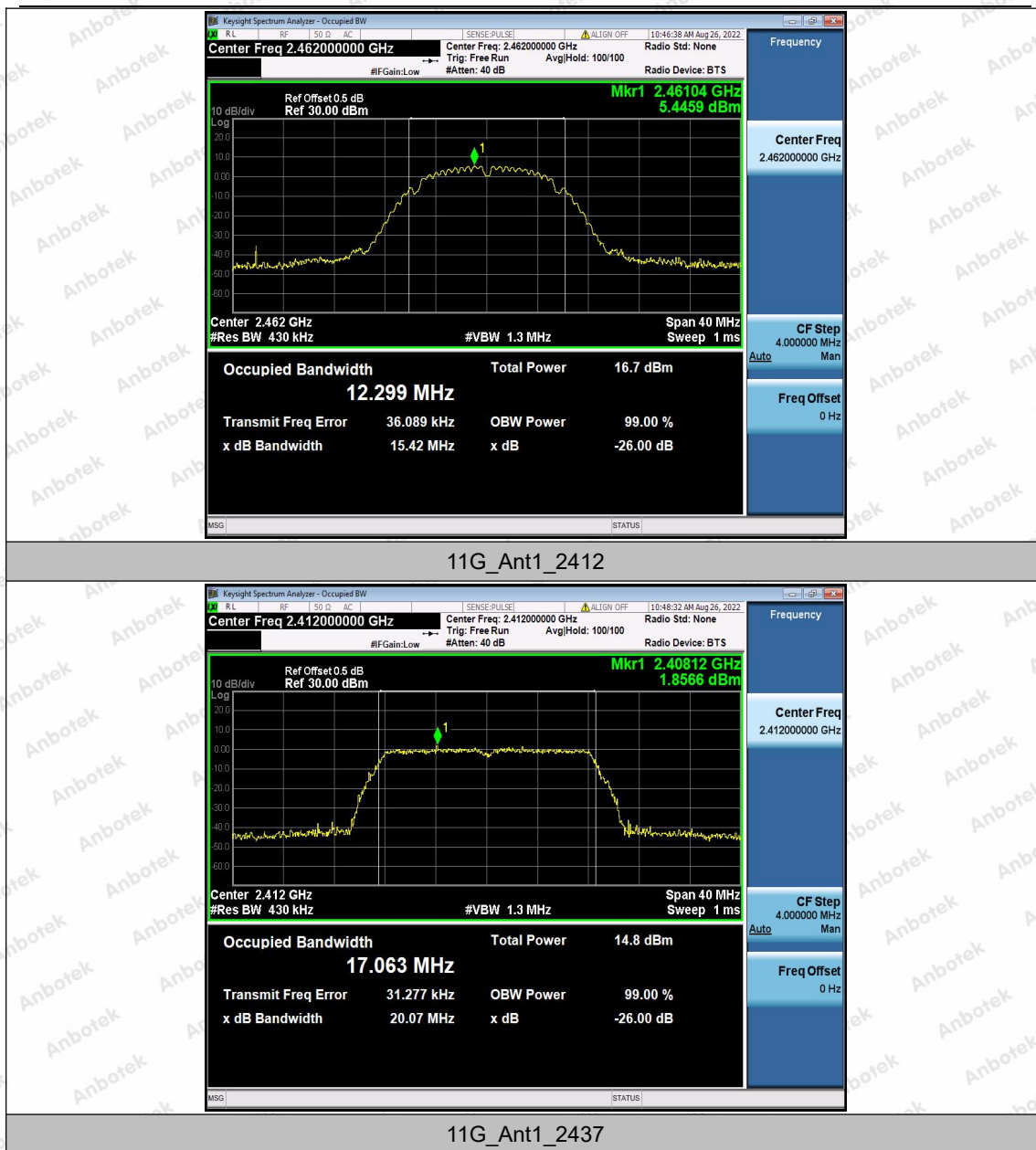
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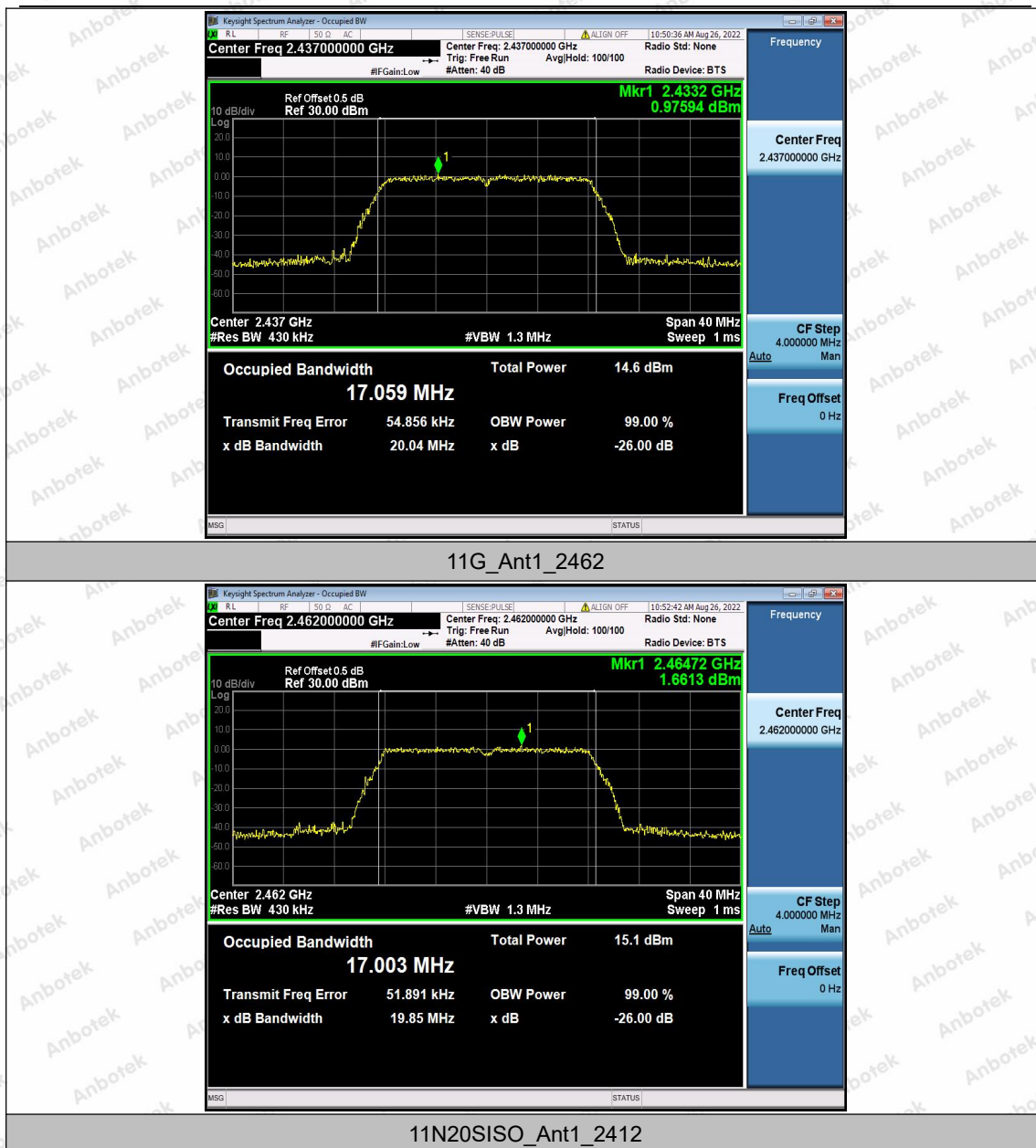
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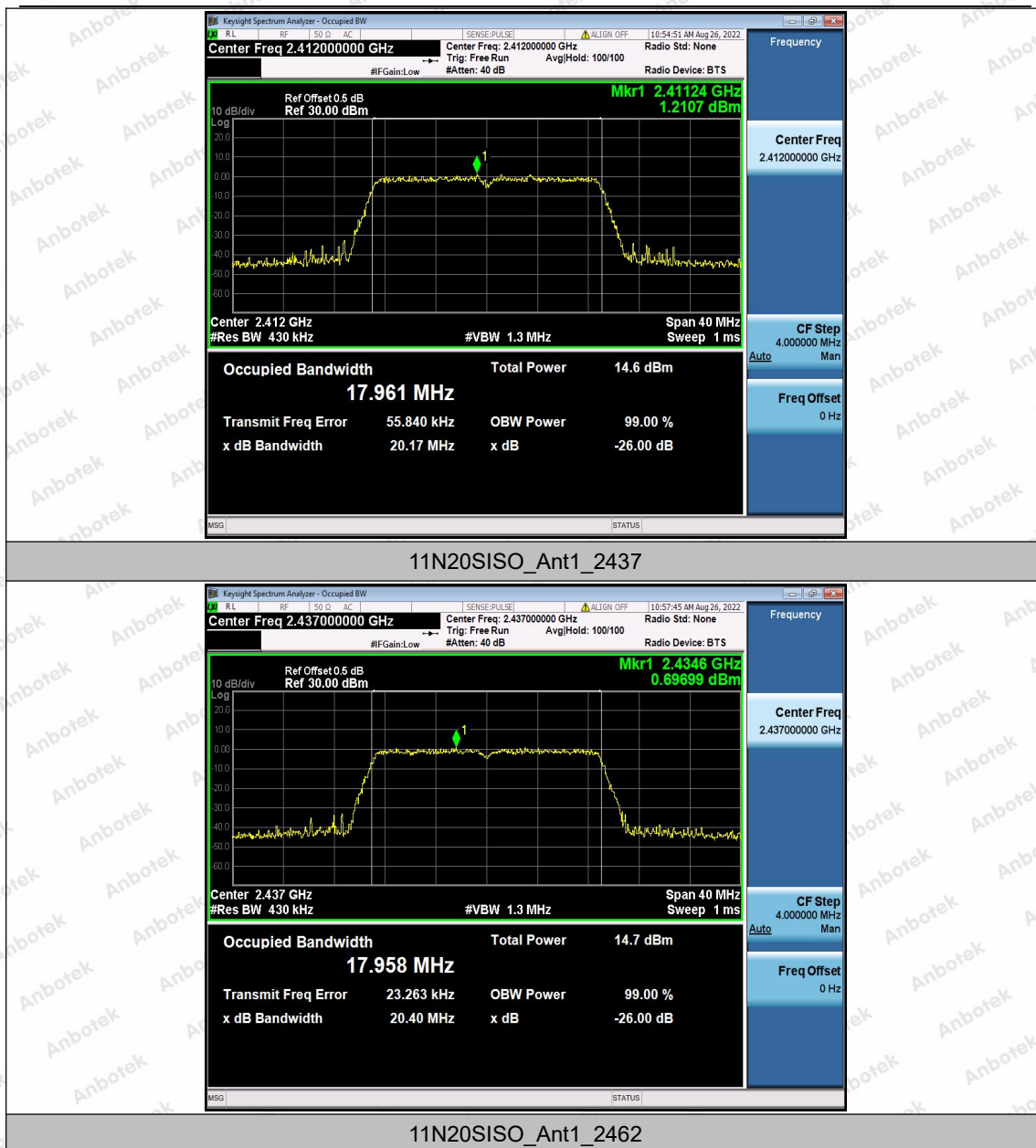
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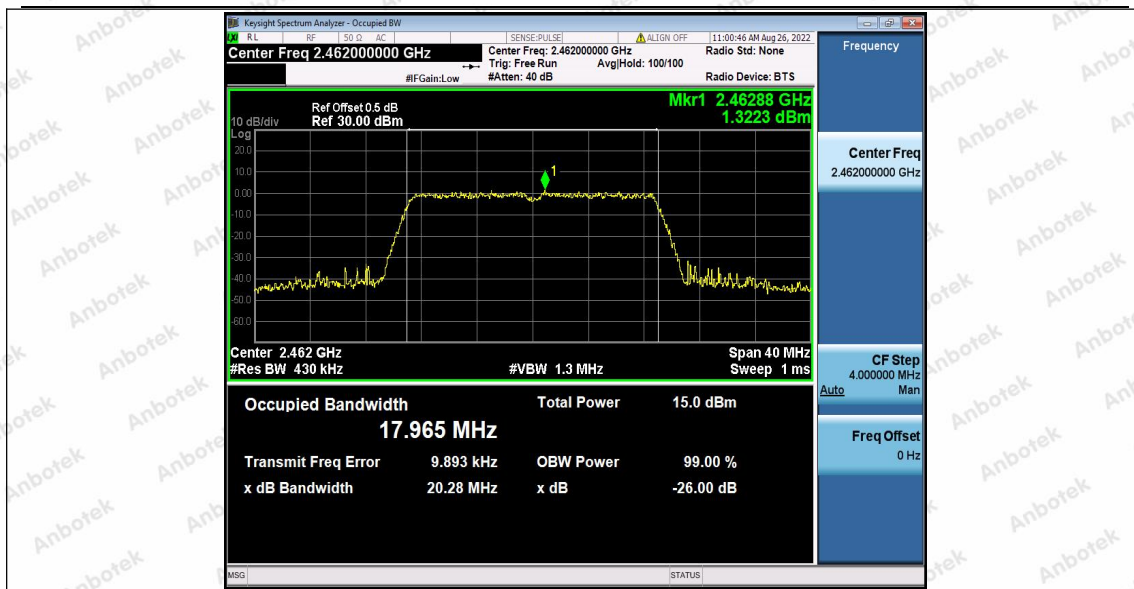
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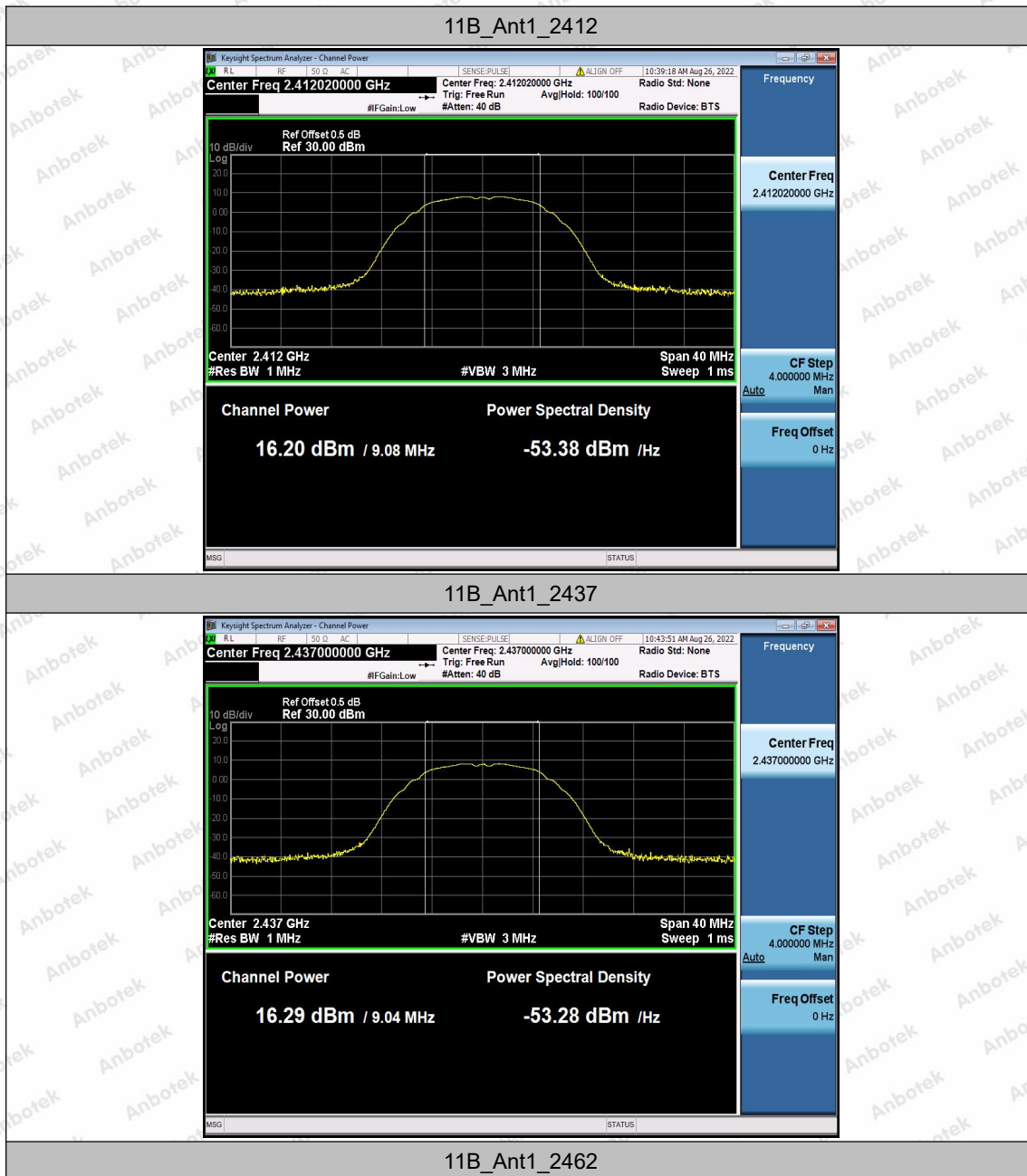
Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	16.20	≤30.00	PASS
		2437	16.29	≤30.00	PASS
		2462	16.19	≤30.00	PASS
11G	Ant1	2412	15.92	≤30.00	PASS
		2437	15.76	≤30.00	PASS
		2462	15.92	≤30.00	PASS
11N20SIS O	Ant1	2412	15.96	≤30.00	PASS
		2437	15.84	≤30.00	PASS
		2462	16.02	≤30.00	PASS



Test Graphs Peak



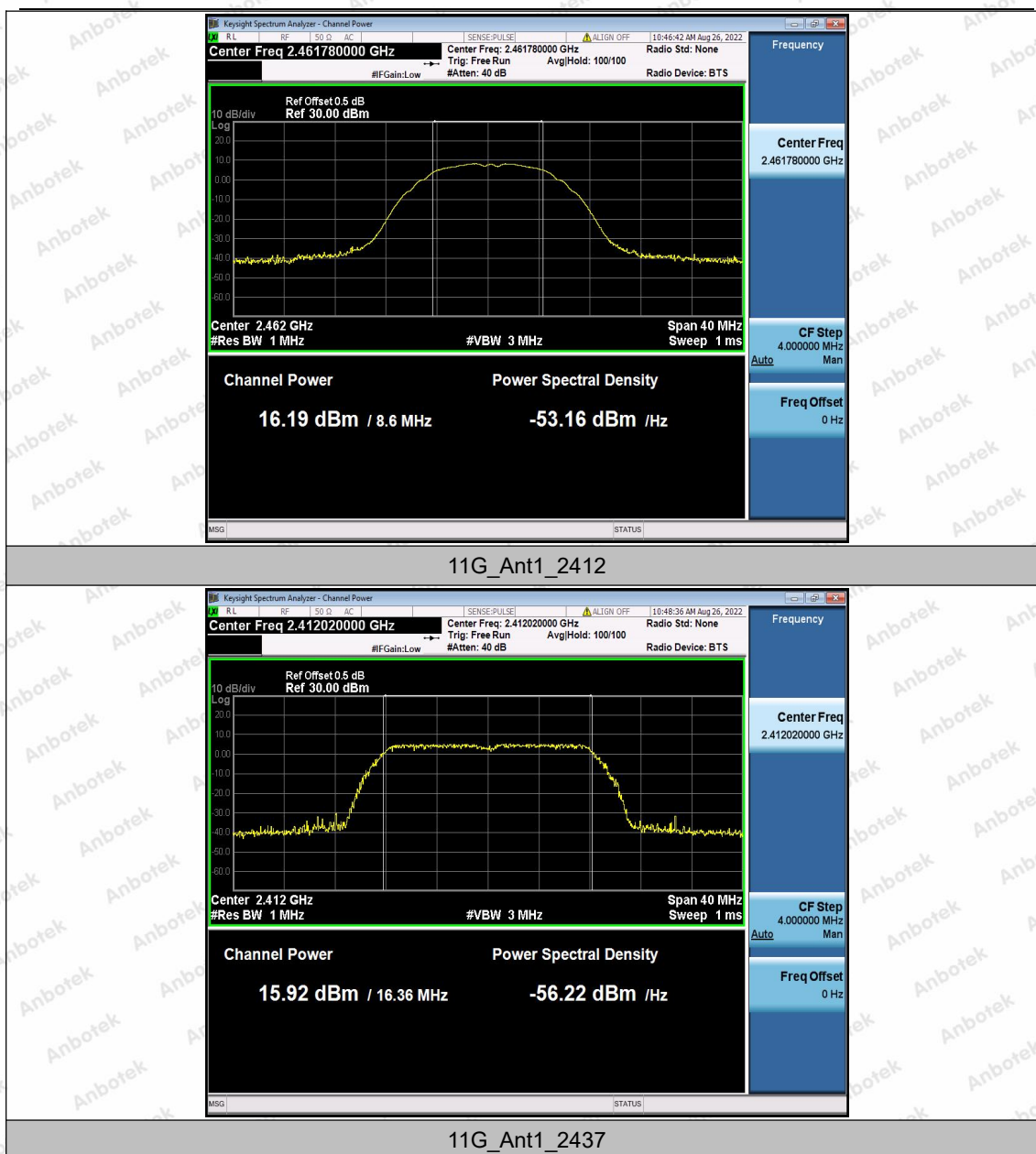
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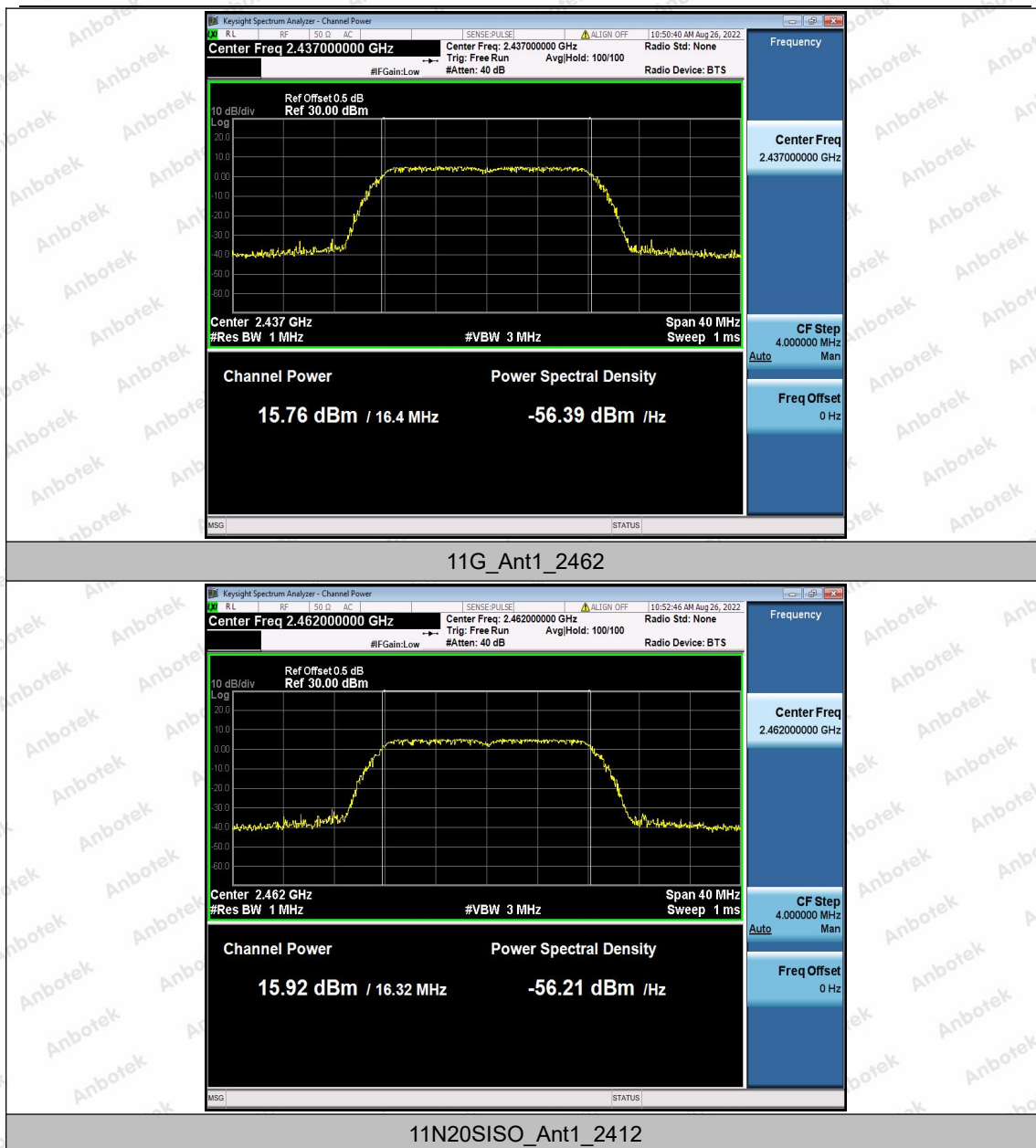
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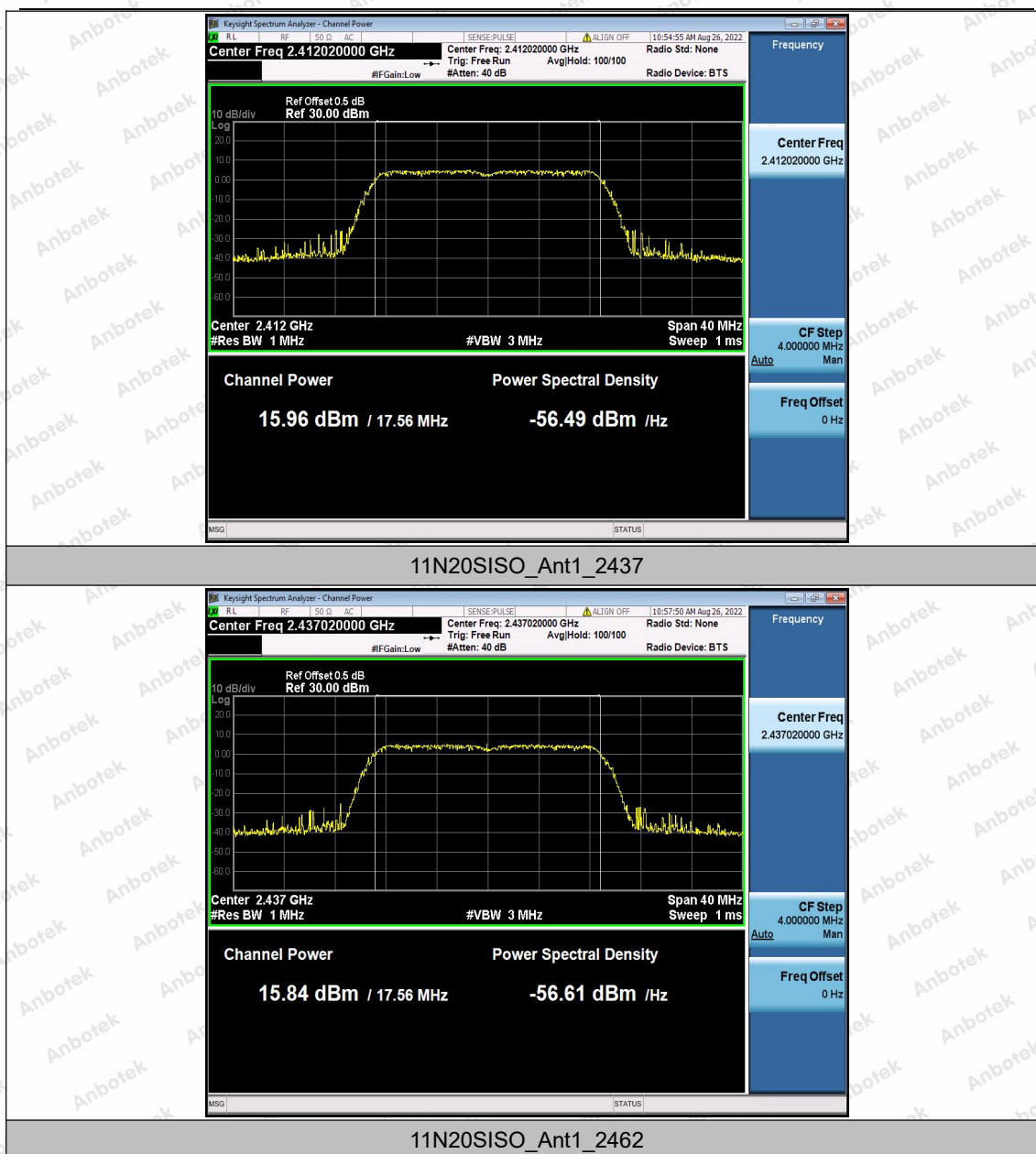
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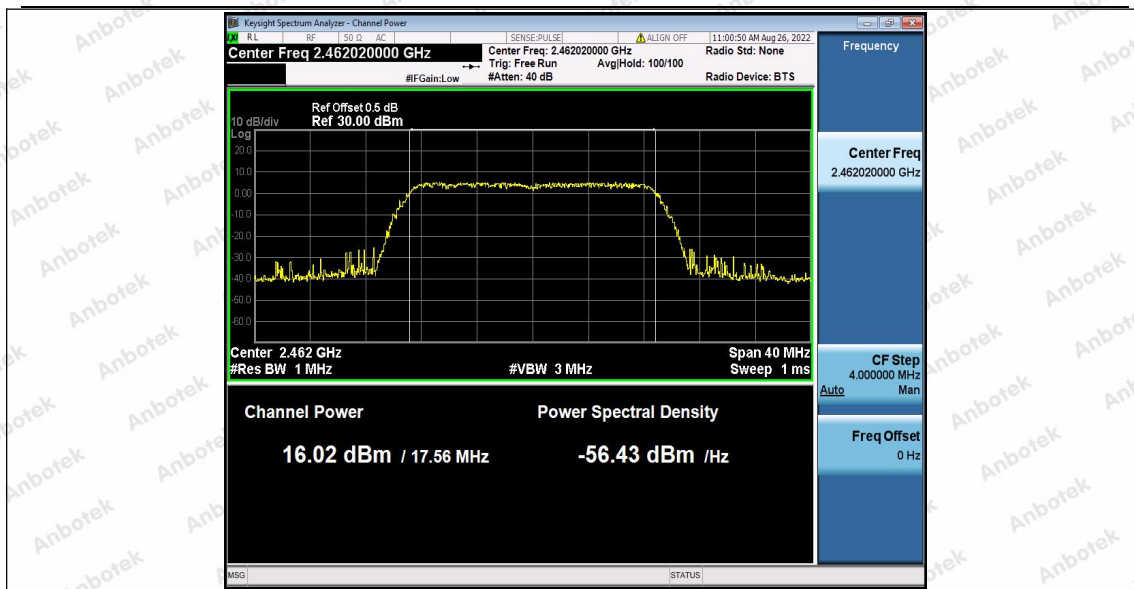
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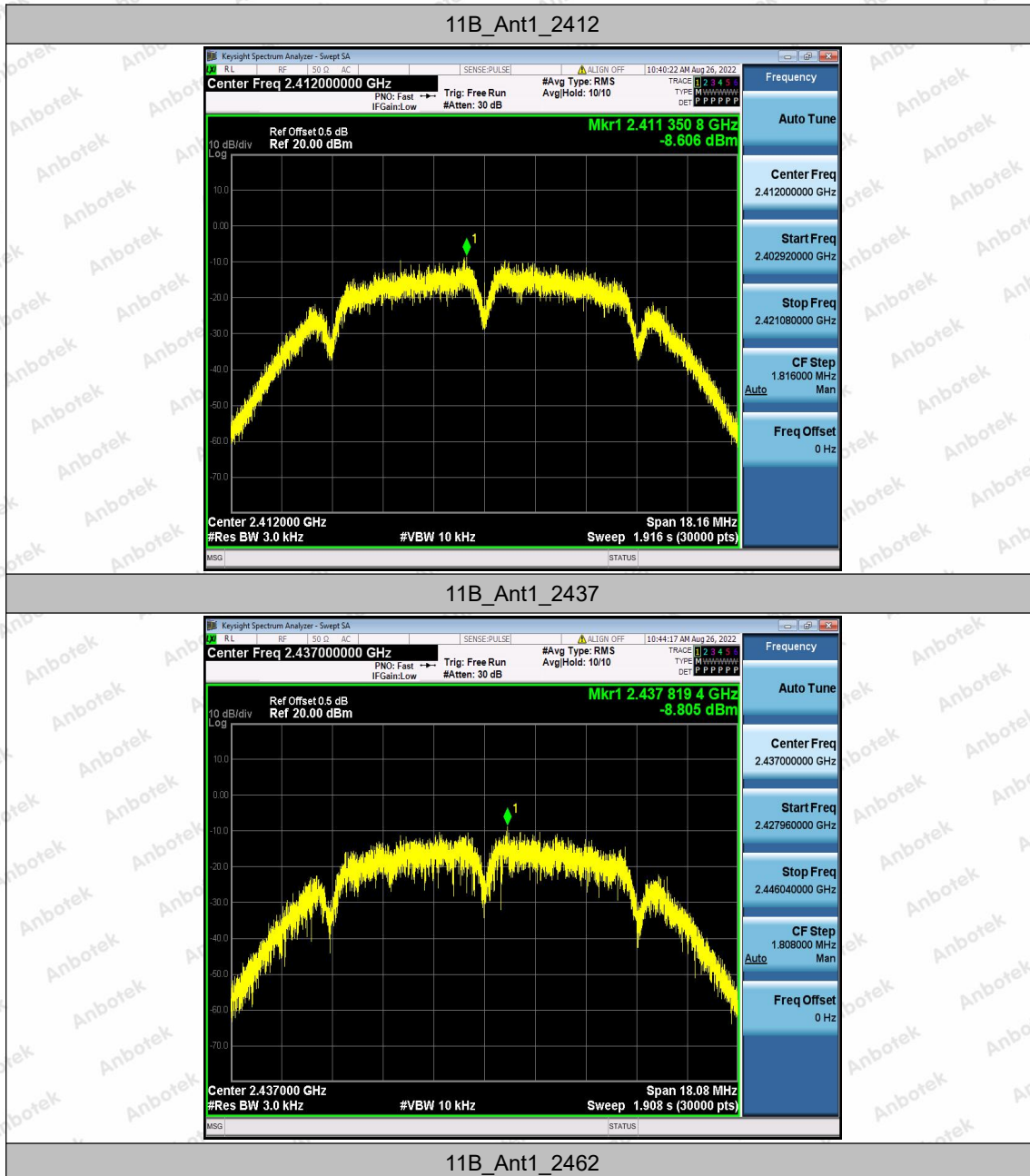
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.61	≤8.00	PASS
		2437	-8.81	≤8.00	PASS
		2462	-5.22	≤8.00	PASS
11G	Ant1	2412	-16.17	≤8.00	PASS
		2437	-16.5	≤8.00	PASS
		2462	-16.62	≤8.00	PASS
11N20SISO	Ant1	2412	-17.18	≤8.00	PASS
		2437	-16.44	≤8.00	PASS
		2462	-16.86	≤8.00	PASS



Test Graphs



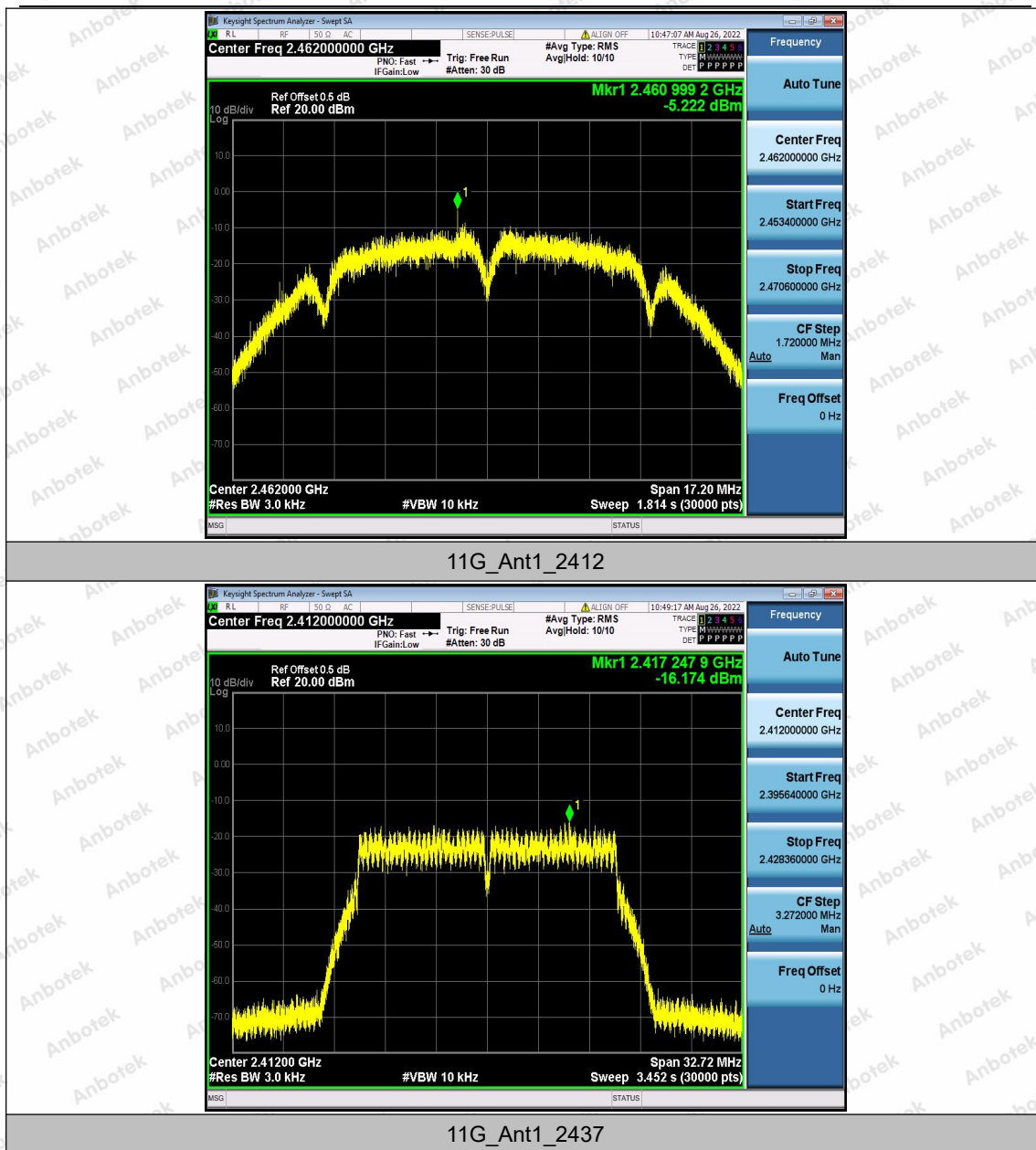
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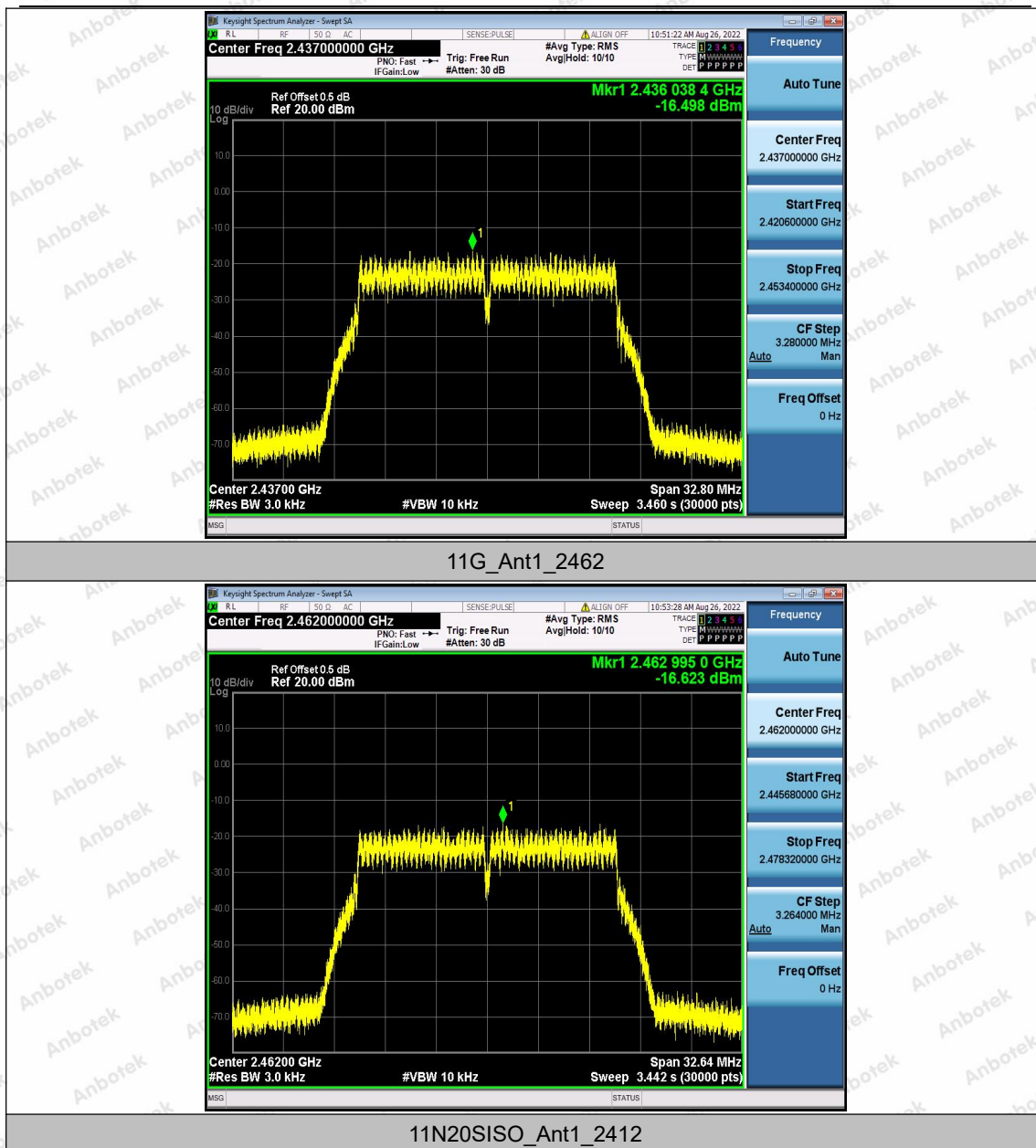
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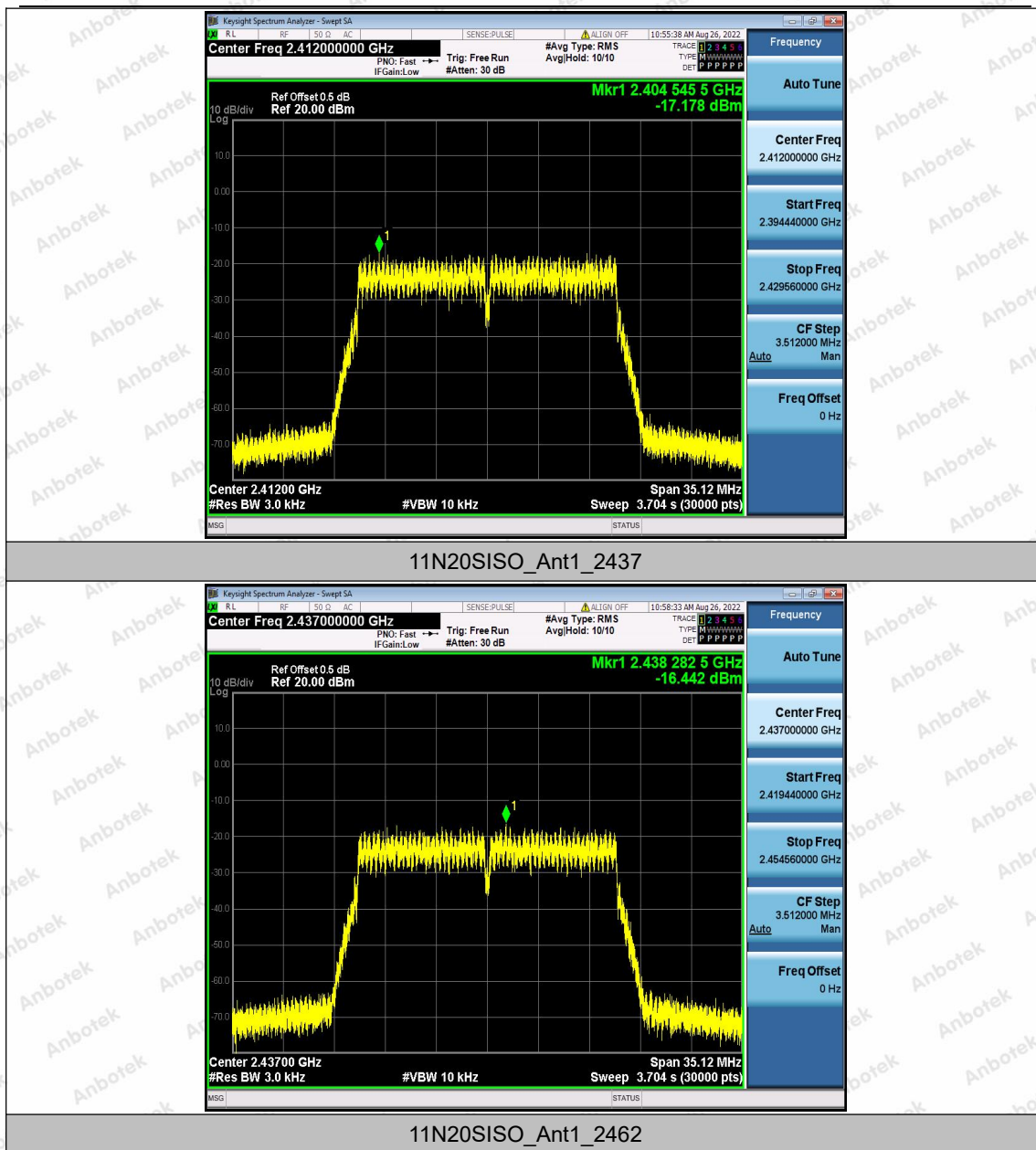
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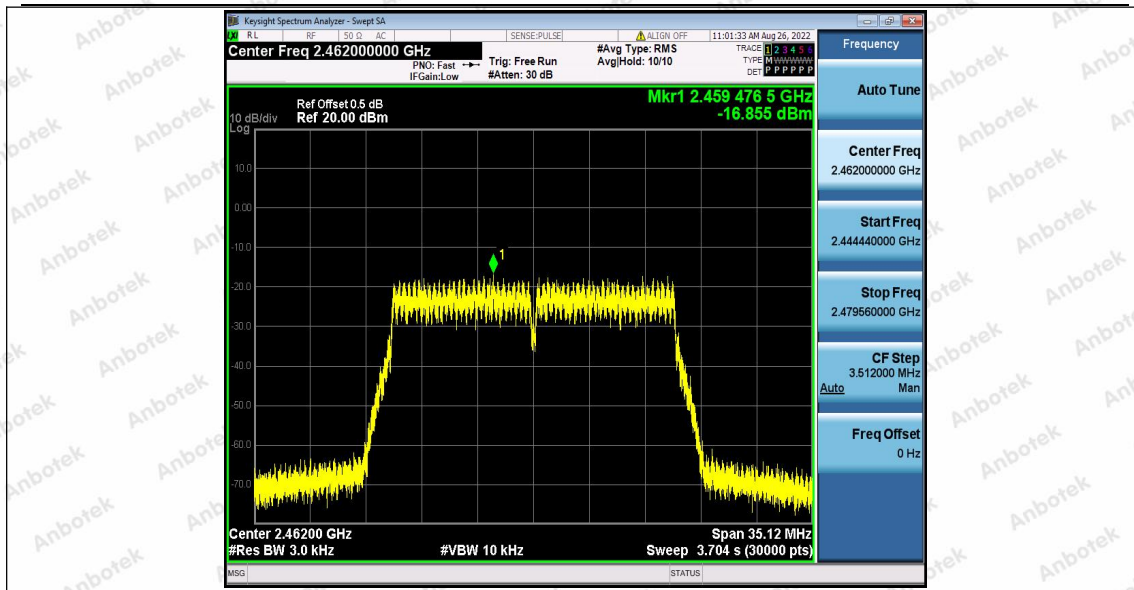
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.14	-48.79	≤-14.86	PASS
		High	2462	4.07	-55.76	≤-15.94	PASS
11G	Ant1	Low	2412	-2.85	-46.77	≤-22.85	PASS
		High	2462	-2.83	-53.74	≤-22.83	PASS
11N20SISO	Ant1	Low	2412	-2.62	-46.06	≤-22.62	PASS
		High	2462	-2.80	-52.87	≤-22.8	PASS

