

Appendix Test Data

Report No:	18220WC20200102	Test Sample NO:	1-2-2
Start Test Date:	2022.8.29	Finish Test Date:	2022.9.5
Test Engineer:	<i>Tony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	27.3°C	Relative Humidity:	48%
Pressure:	1012 hPa		

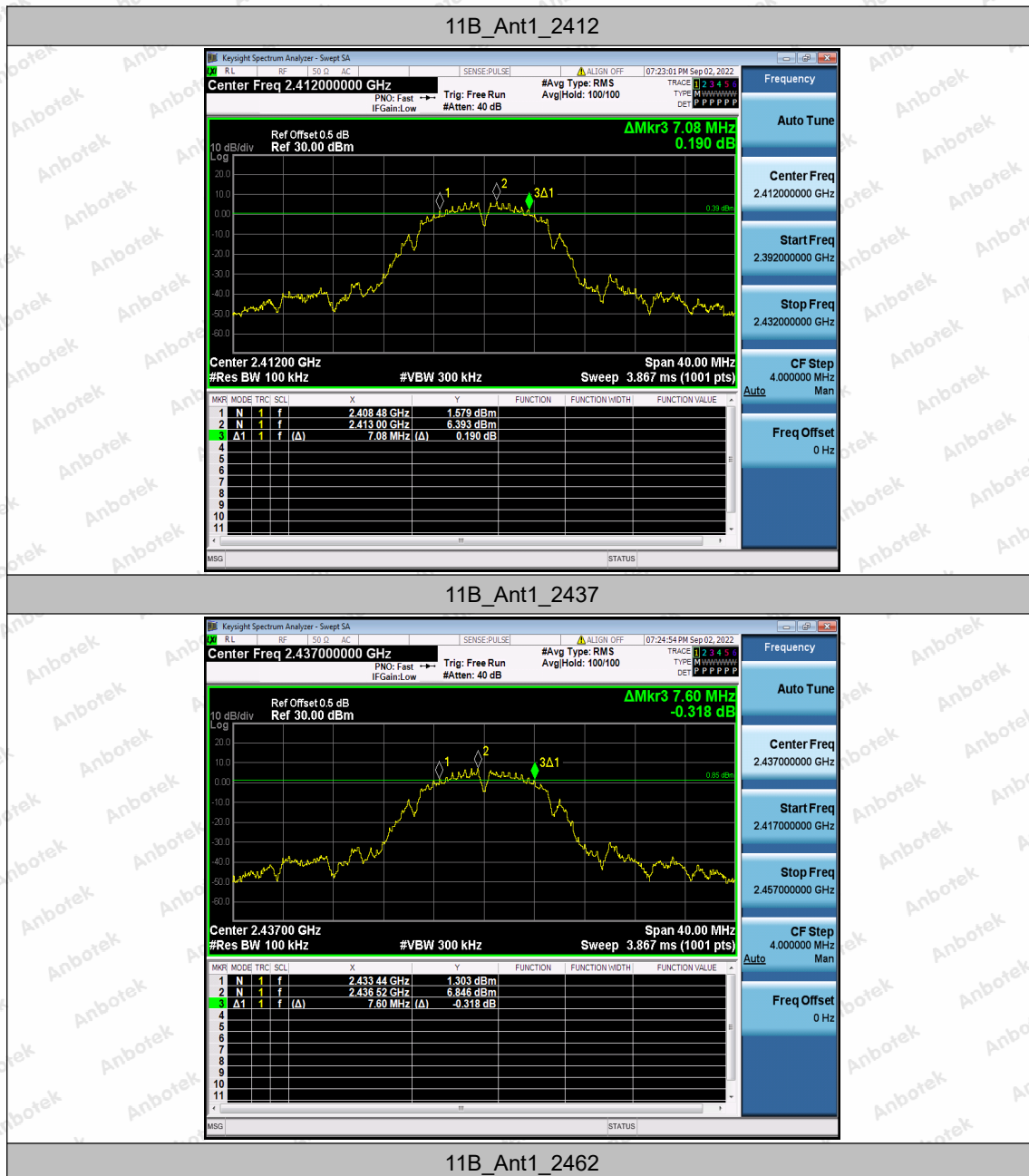
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.080	2408.480	2415.560	0.5	PASS
		2437	7.600	2433.440	2441.040	0.5	PASS
		2462	8.040	2458.000	2466.040	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS



Test Graphs



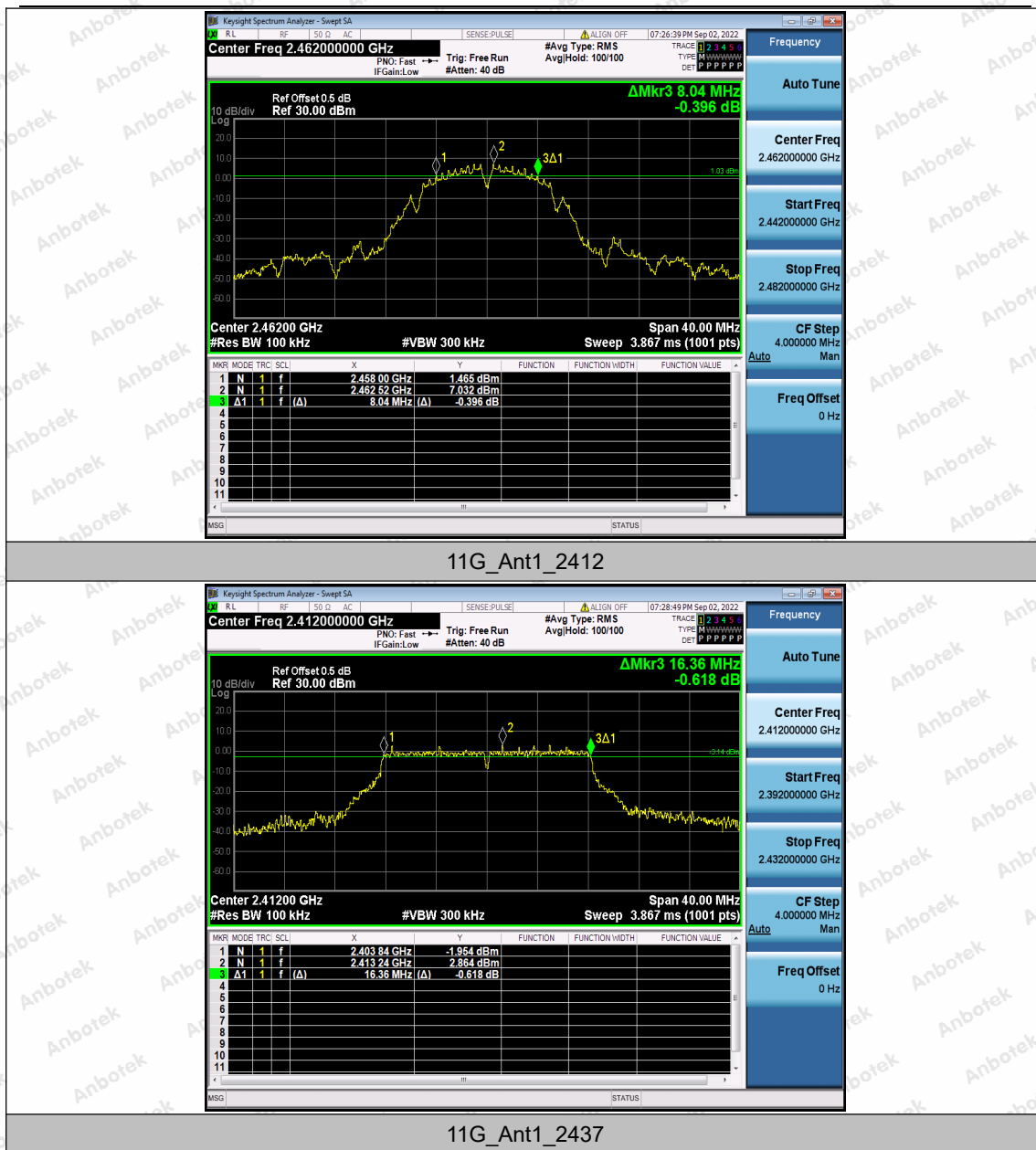
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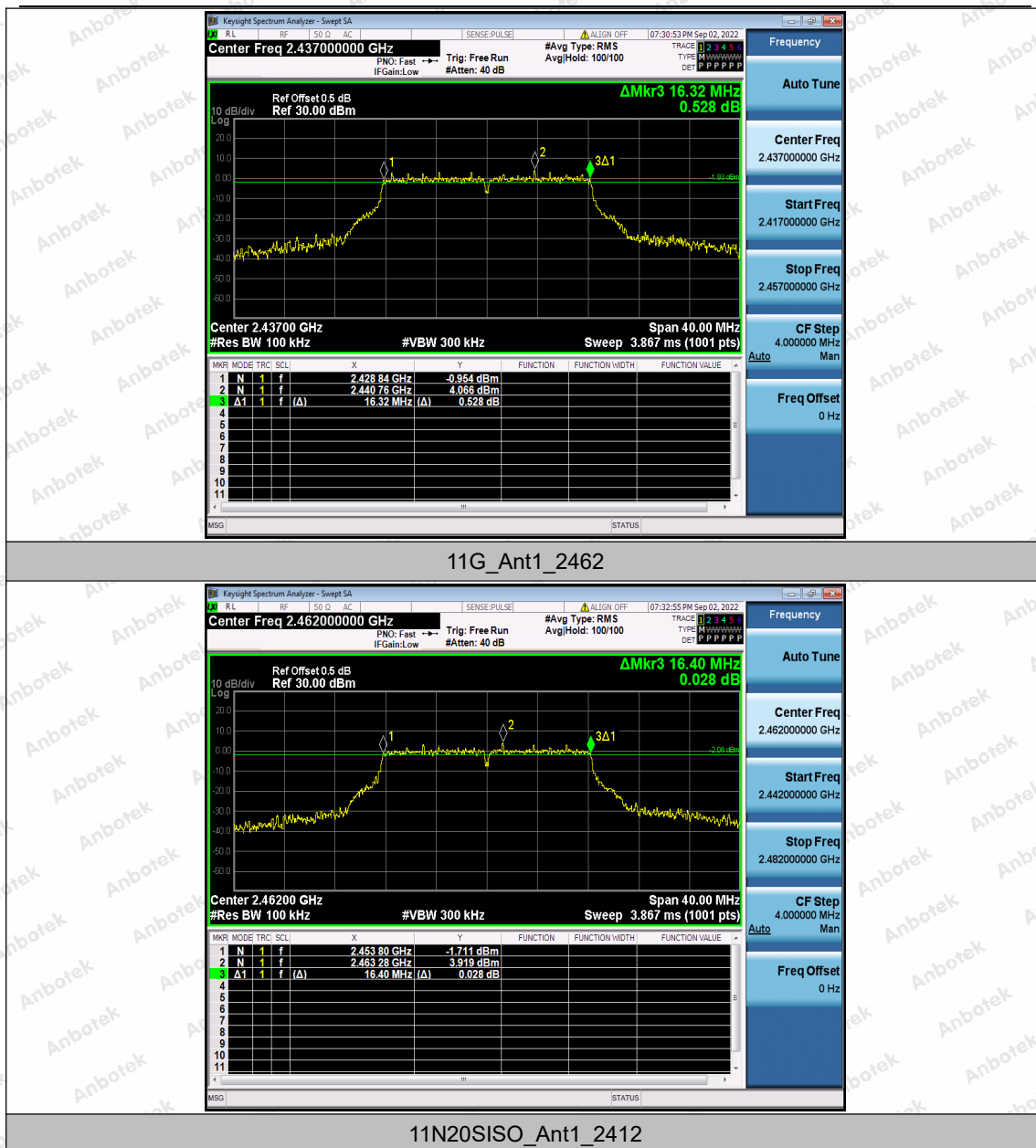
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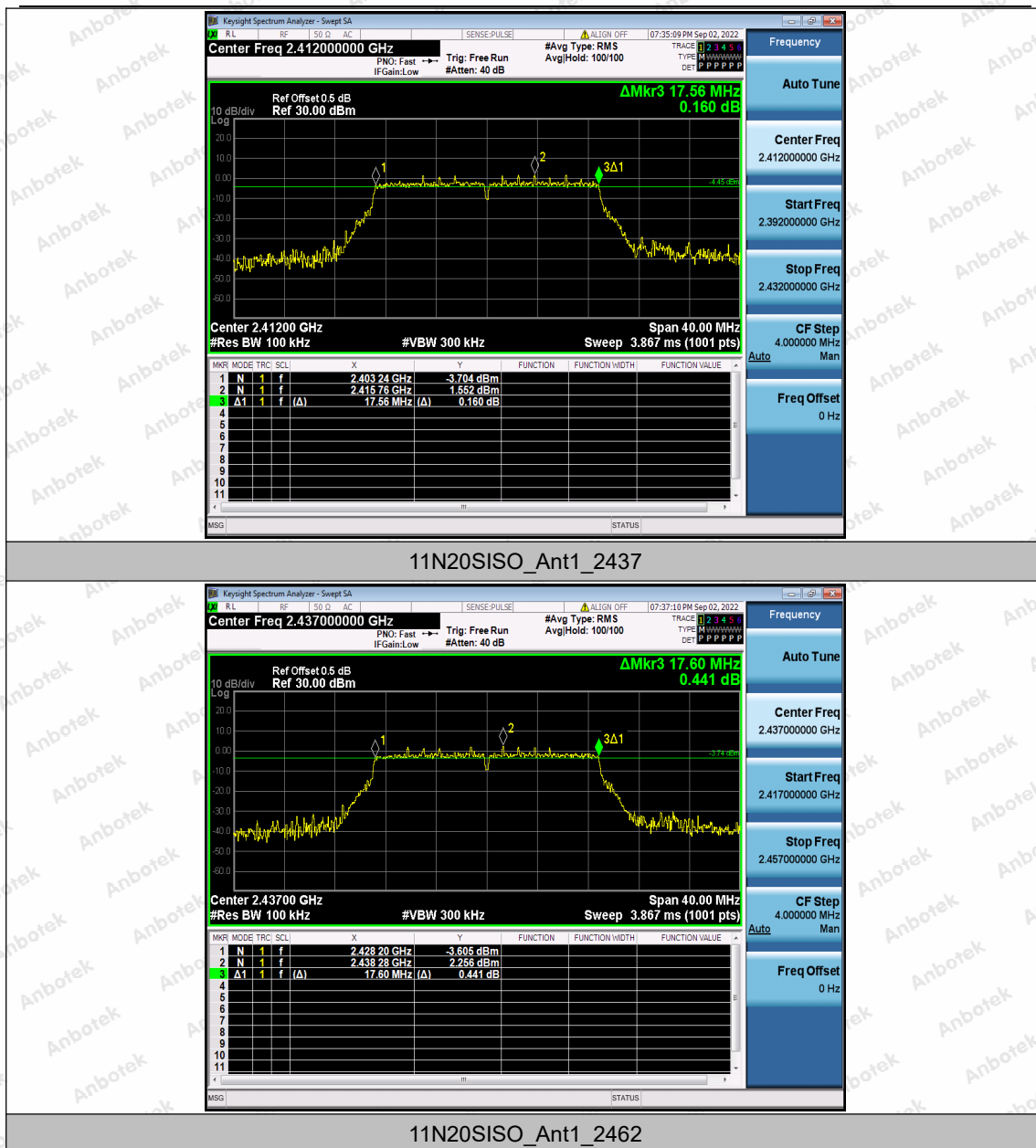
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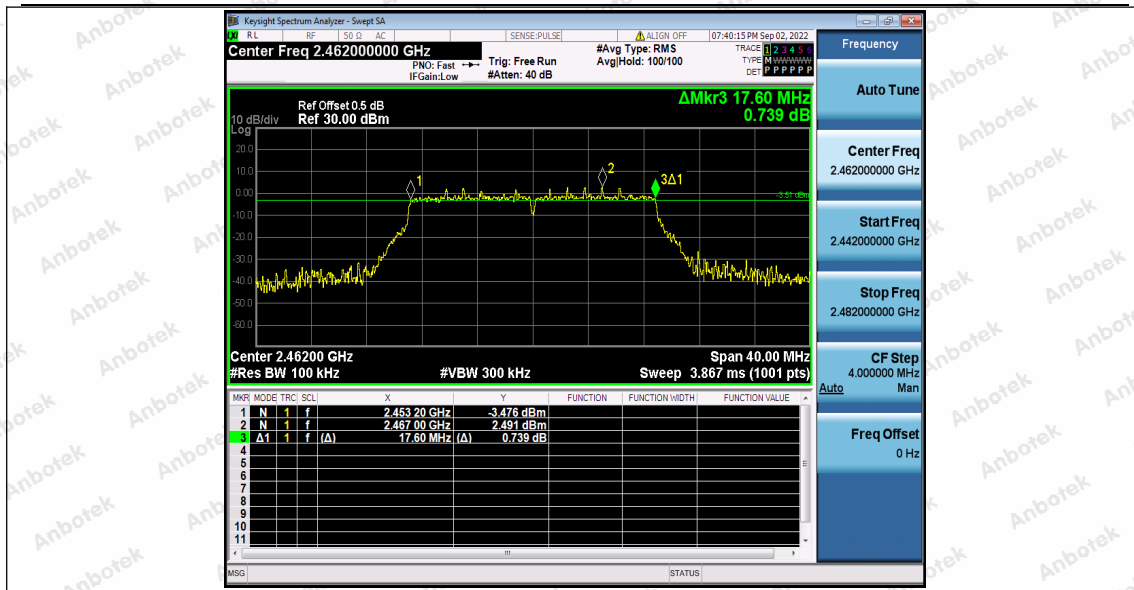
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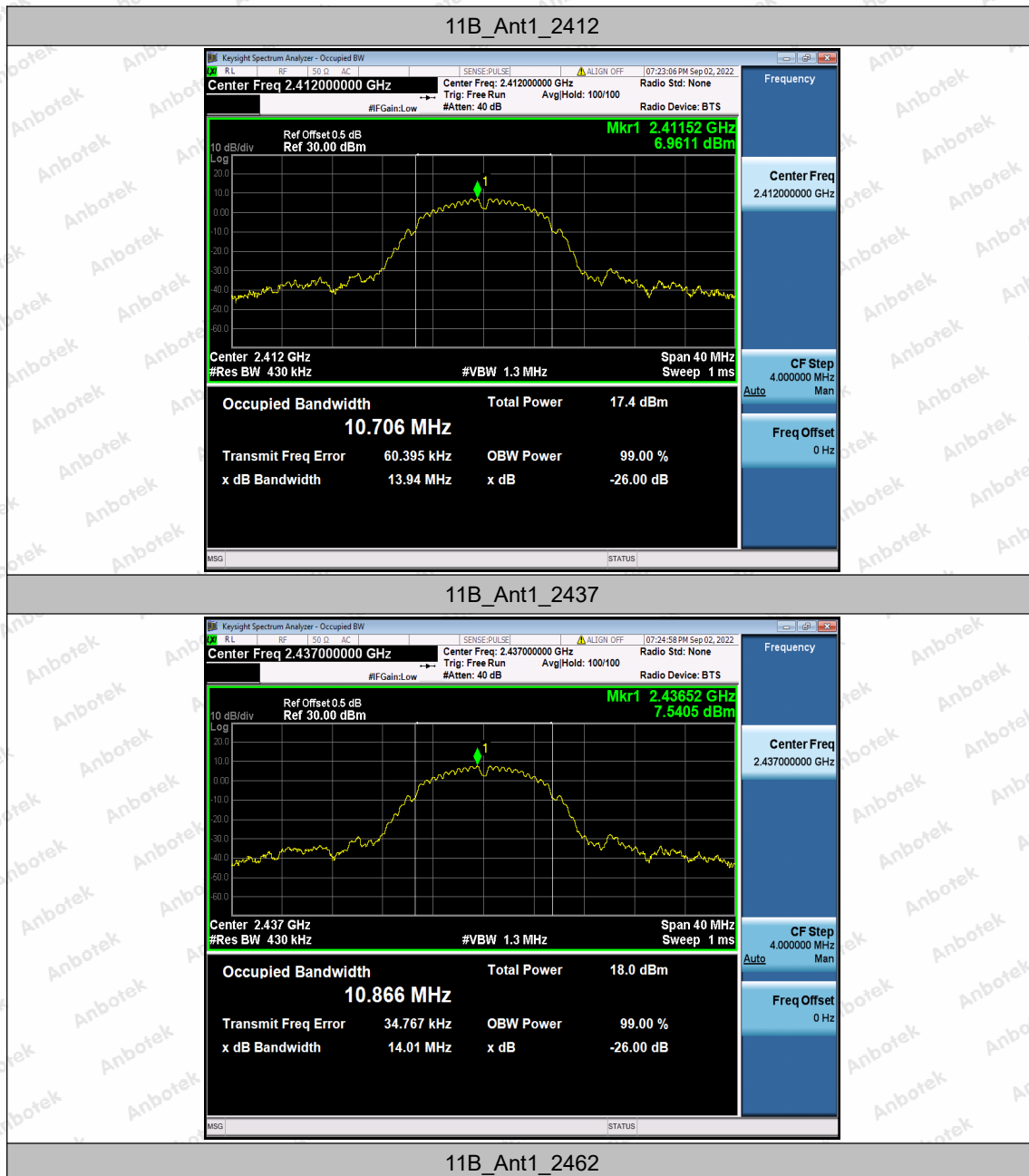
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	10.706	2406.7074	2417.4134
		2437	10.866	2431.6018	2442.4678
		2462	10.822	2456.6314	2467.4534
11G	Ant1	2412	17.421	2403.3947	2420.8157
		2437	17.432	2428.3402	2445.7722
		2462	17.363	2453.4188	2470.7818
11N20SISO	Ant1	2412	18.396	2402.8541	2421.2501
		2437	18.380	2427.8815	2446.2615
		2462	18.366	2452.8841	2471.2501



Test Graphs



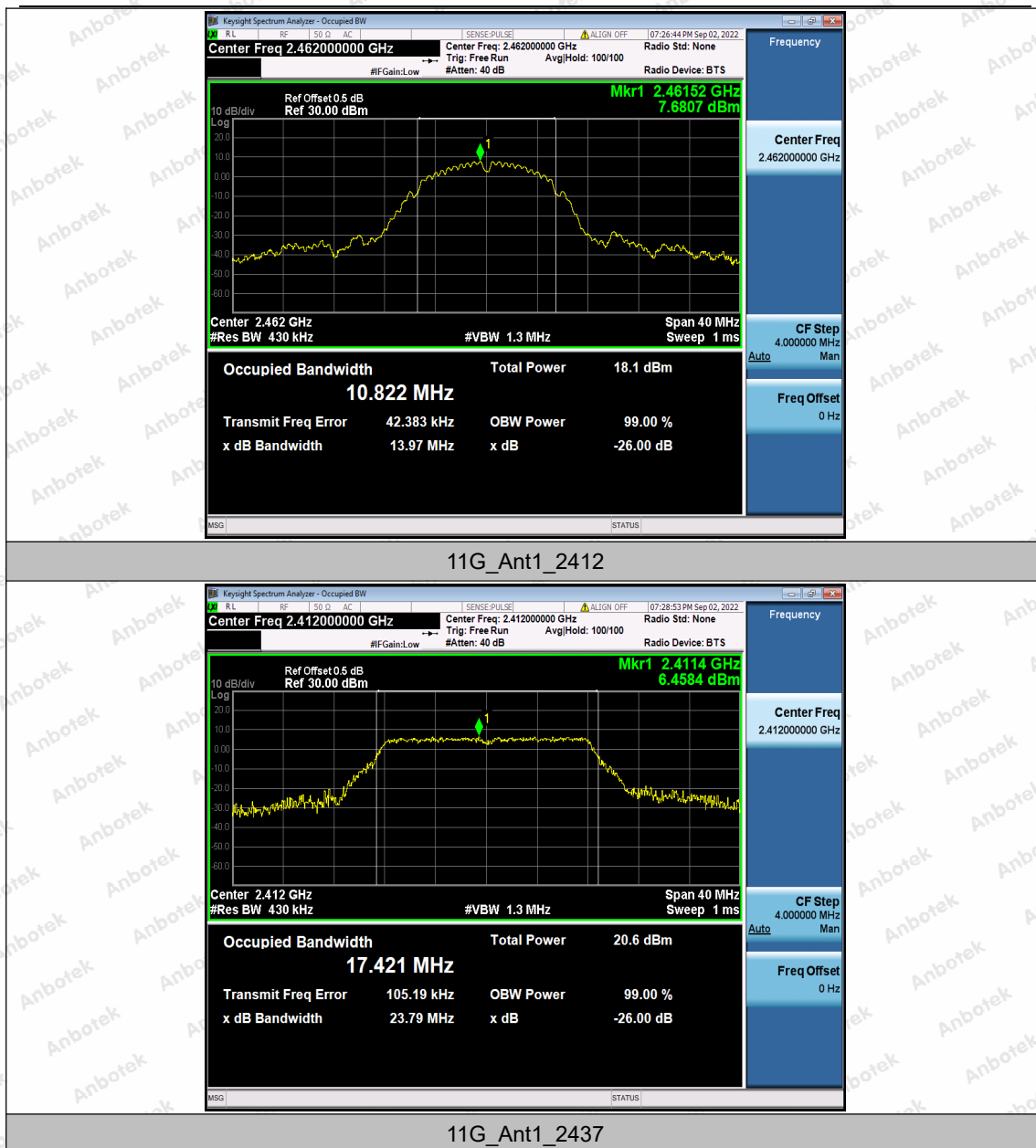
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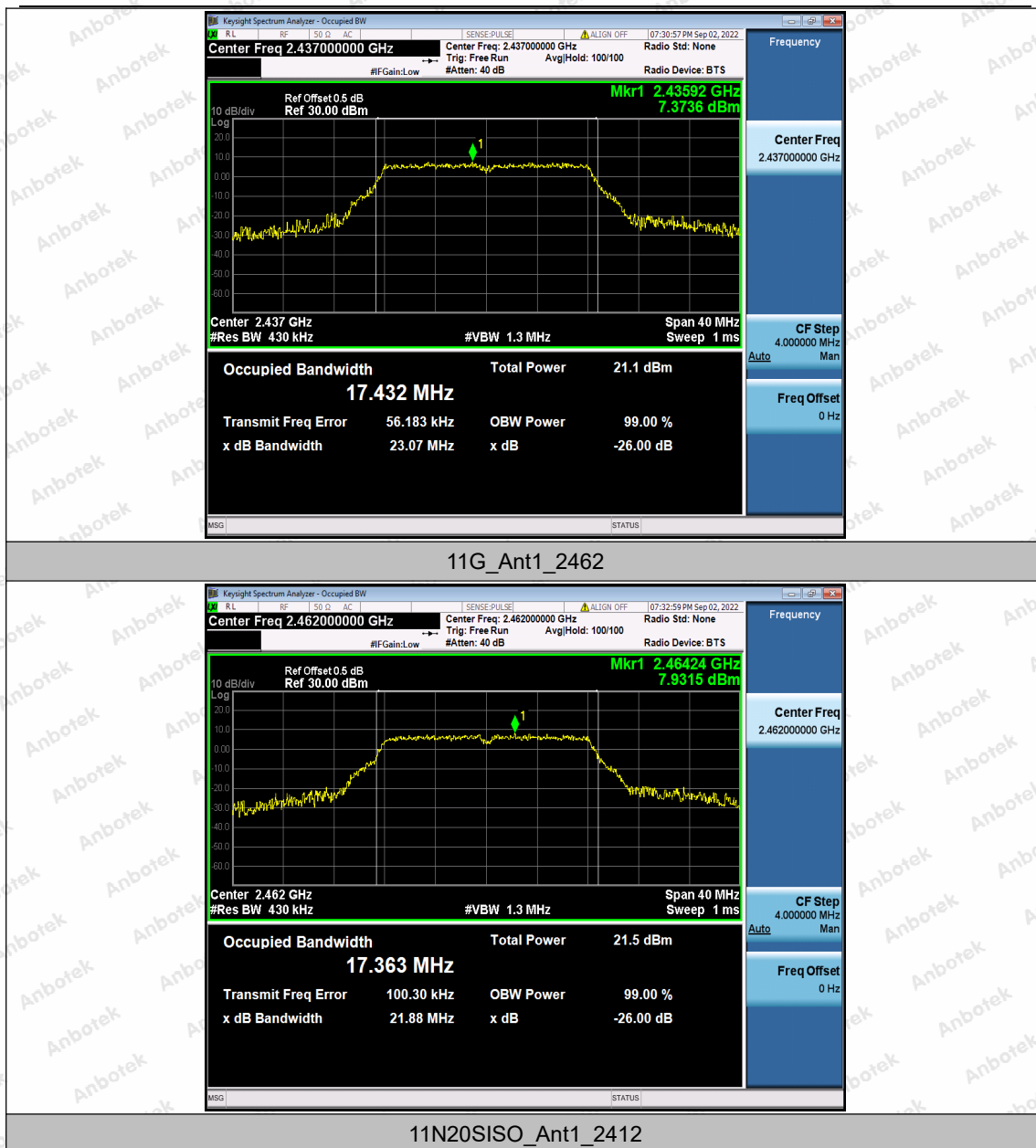
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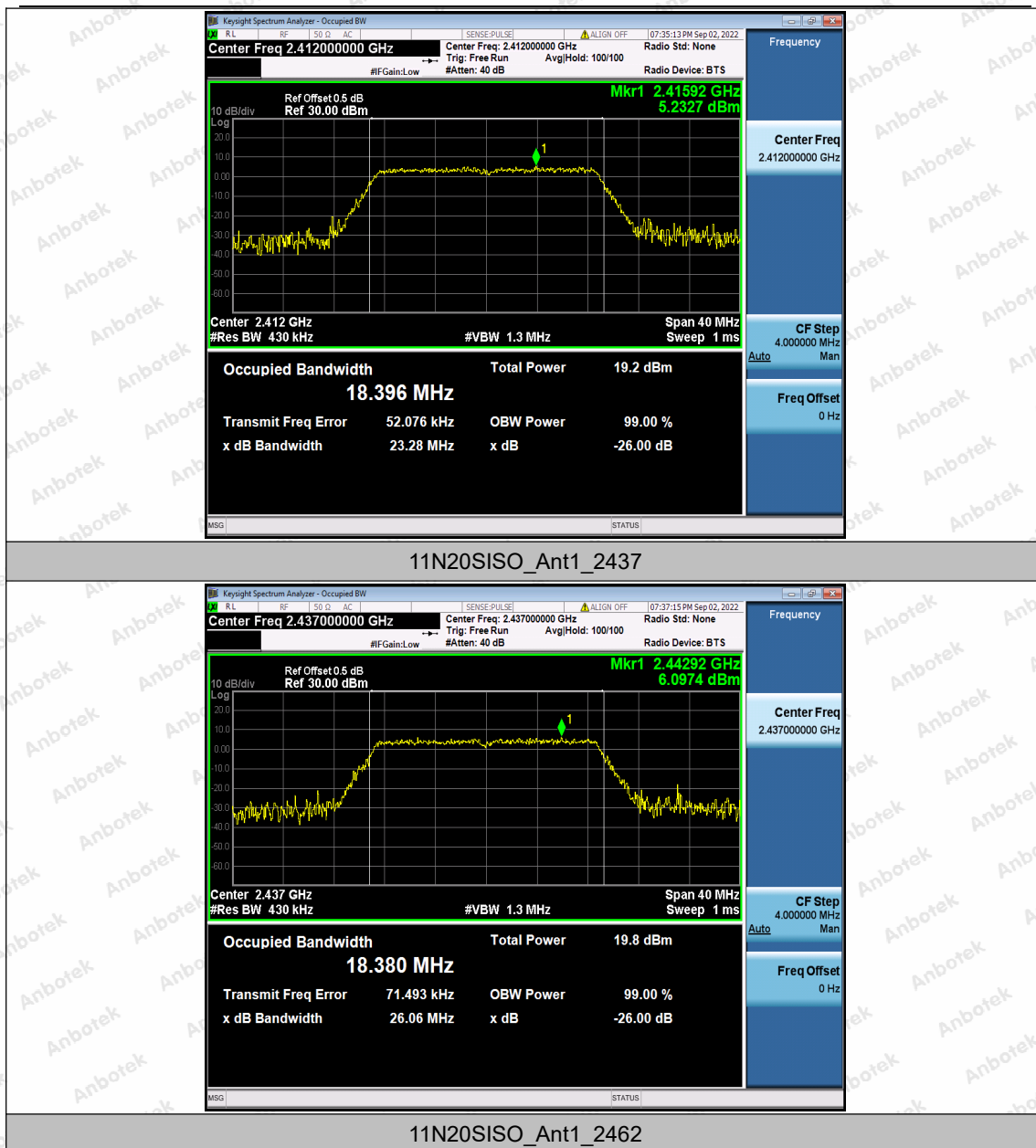
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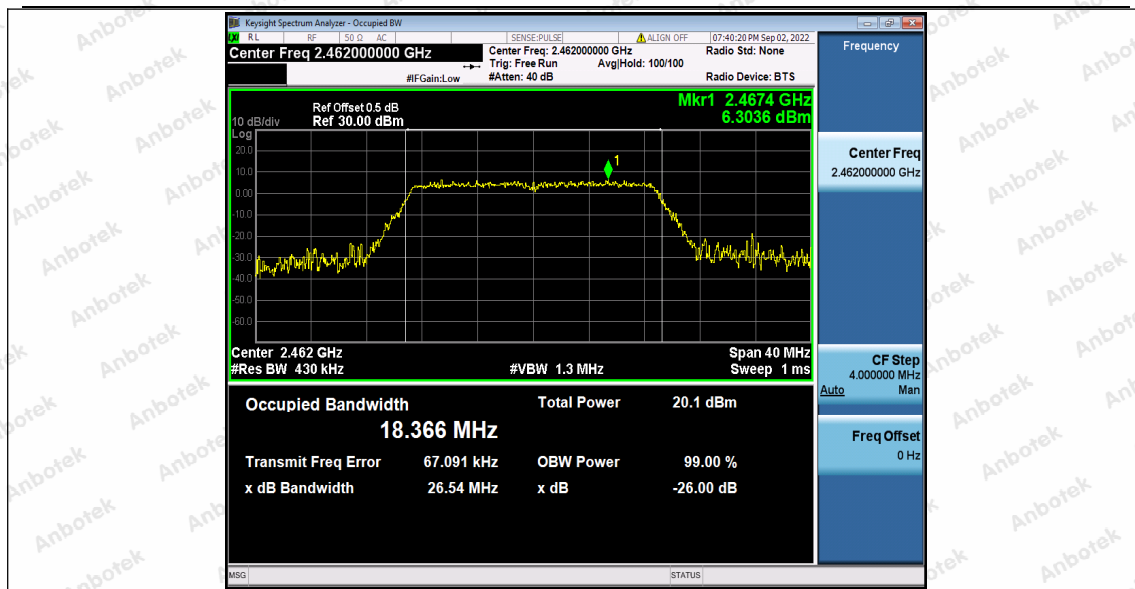
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	16.73	≤30.00	PASS
		2437	17.48	≤30.00	PASS
		2462	17.71	≤30.00	PASS
11G	Ant1	2412	21.74	≤30.00	PASS
		2437	22.24	≤30.00	PASS
		2462	22.53	≤30.00	PASS
11N20SISO	Ant1	2412	20.25	≤30.00	PASS
		2437	20.82	≤30.00	PASS
		2462	21.04	≤30.00	PASS



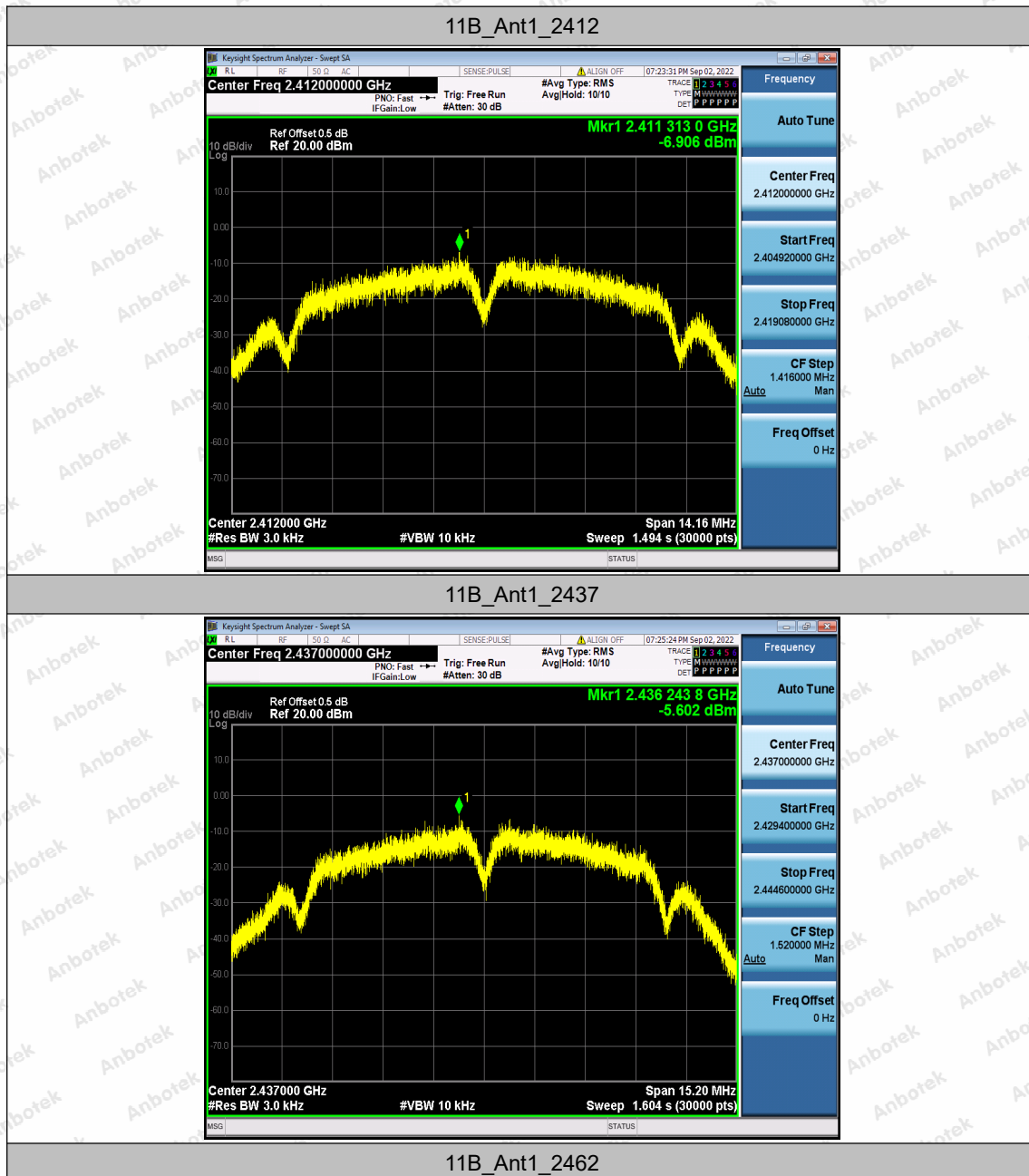
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.91	≤8.00	PASS
		2437	-5.6	≤8.00	PASS
		2462	-6.34	≤8.00	PASS
11G	Ant1	2412	-9.86	≤8.00	PASS
		2437	-9.07	≤8.00	PASS
		2462	-8.74	≤8.00	PASS
11N20SISO	Ant1	2412	-11.82	≤8.00	PASS
		2437	-12.25	≤8.00	PASS
		2462	-11.36	≤8.00	PASS



Test Graphs



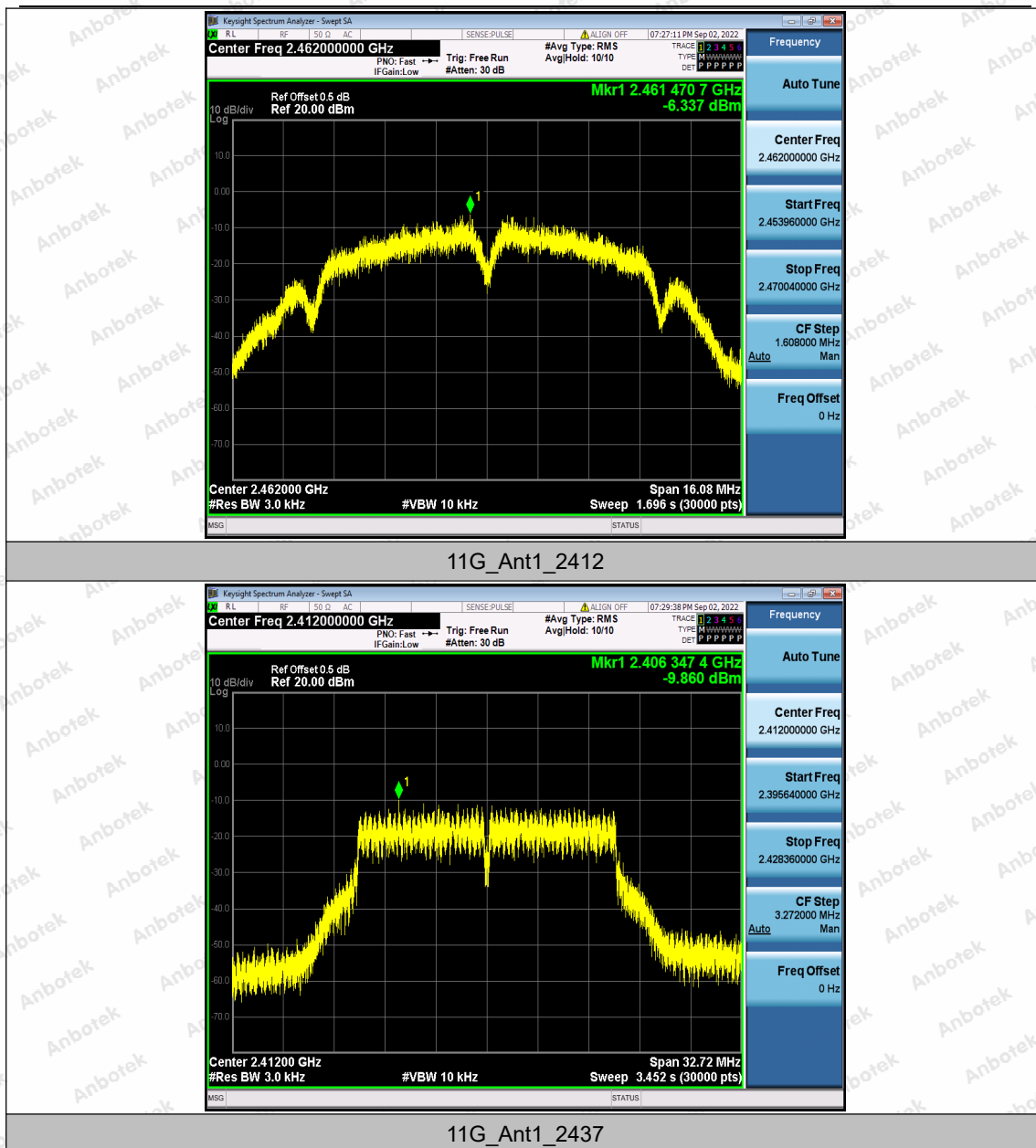
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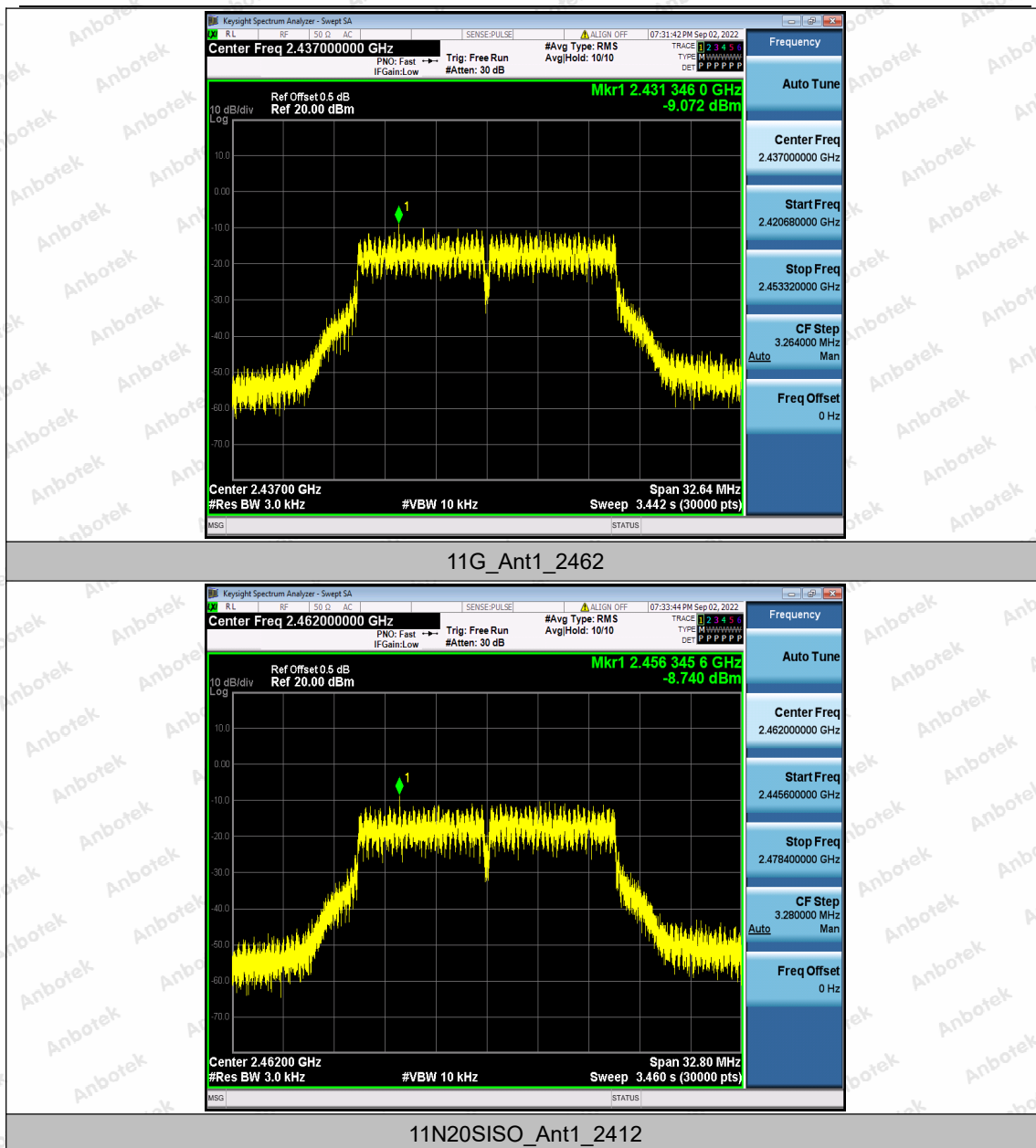
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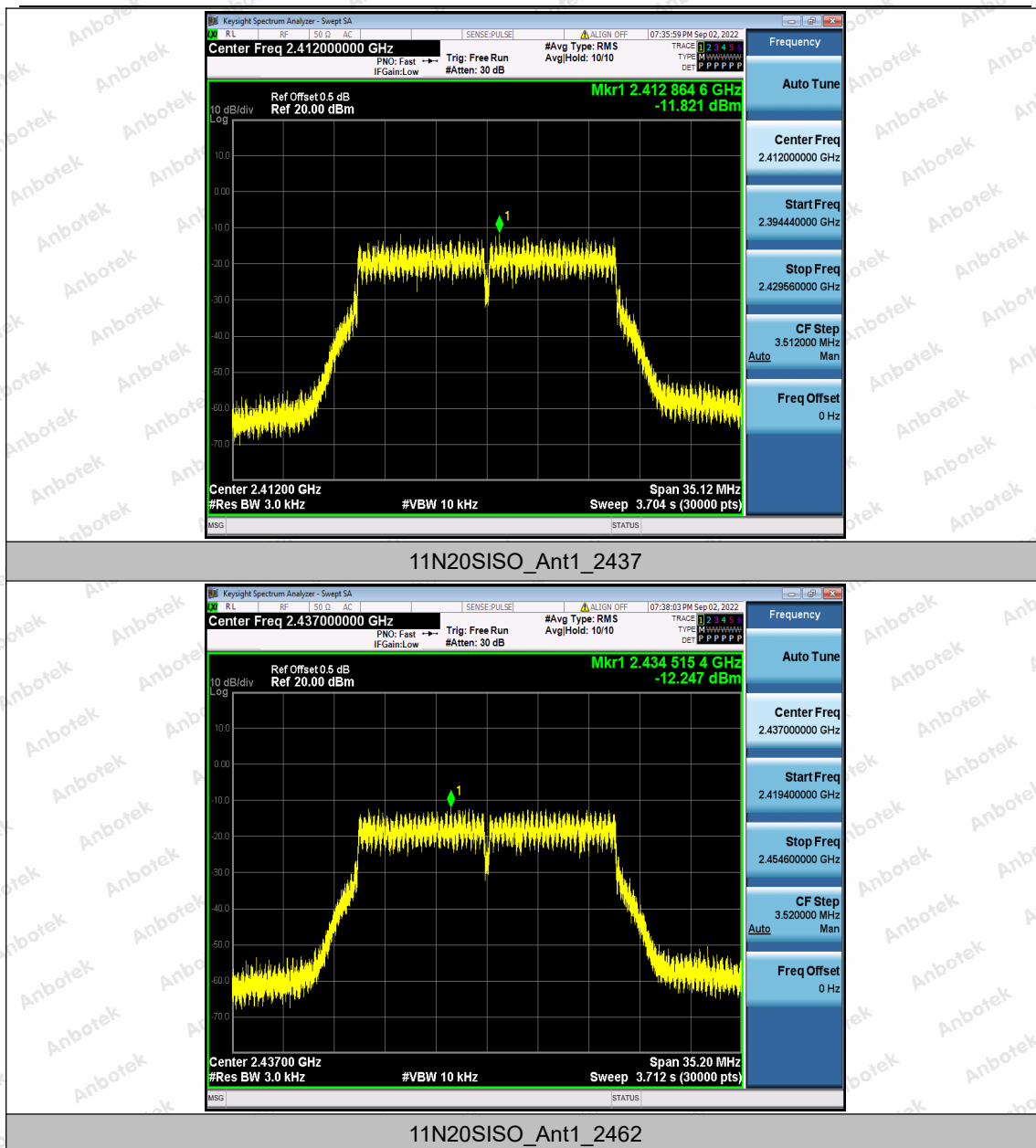
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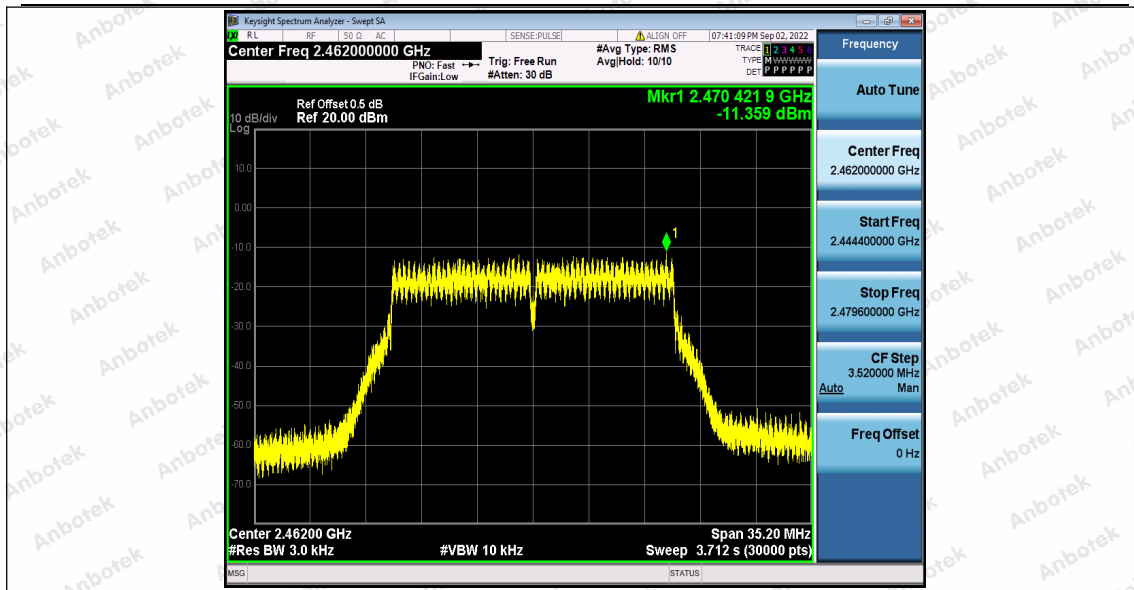
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.49	-36.18	≤-13.51	PASS
		High	2462	7.45	-38.58	≤-12.56	PASS
11G	Ant1	Low	2412	3.26	-29.91	≤-16.74	PASS
		High	2462	4.40	-37.12	≤-15.6	PASS
11N20SISO	Ant1	Low	2412	1.97	-33.37	≤-18.03	PASS
		High	2462	2.52	-37.12	≤-17.48	PASS



Test Graphs



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