

Appendix Test Data

Report No.:	18220WC20261901	Test Sample No.:	1-2-2
Start Test Date:	2022.11.18	Finish Test Date:	2022.11.22
Test Engineer:	<i>Jonny He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	26.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

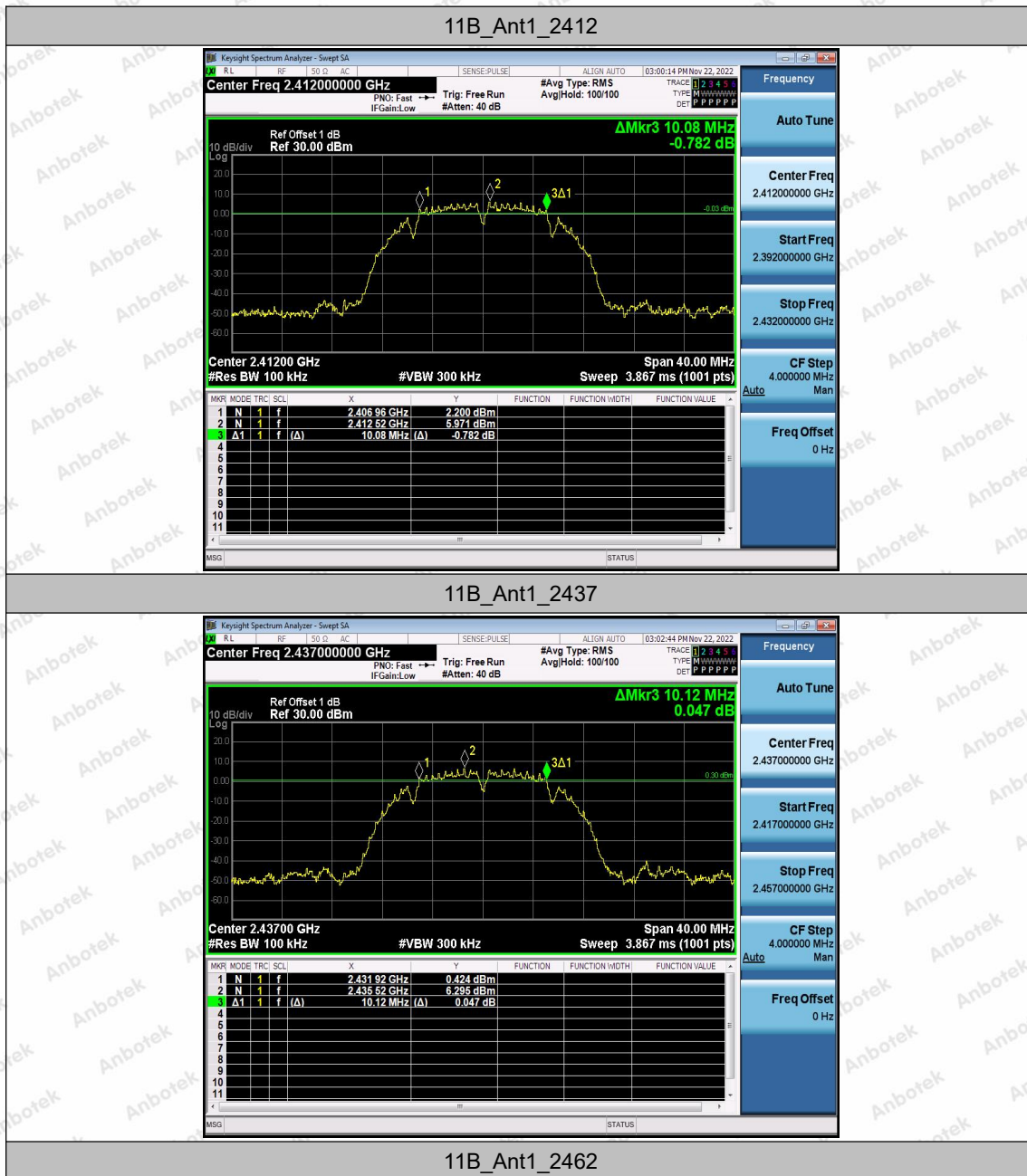
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	≥0.5	PASS
		2437	10.120	2431.920	2442.040	≥0.5	PASS
		2462	10.120	2456.920	2467.040	≥0.5	PASS



Test Graphs



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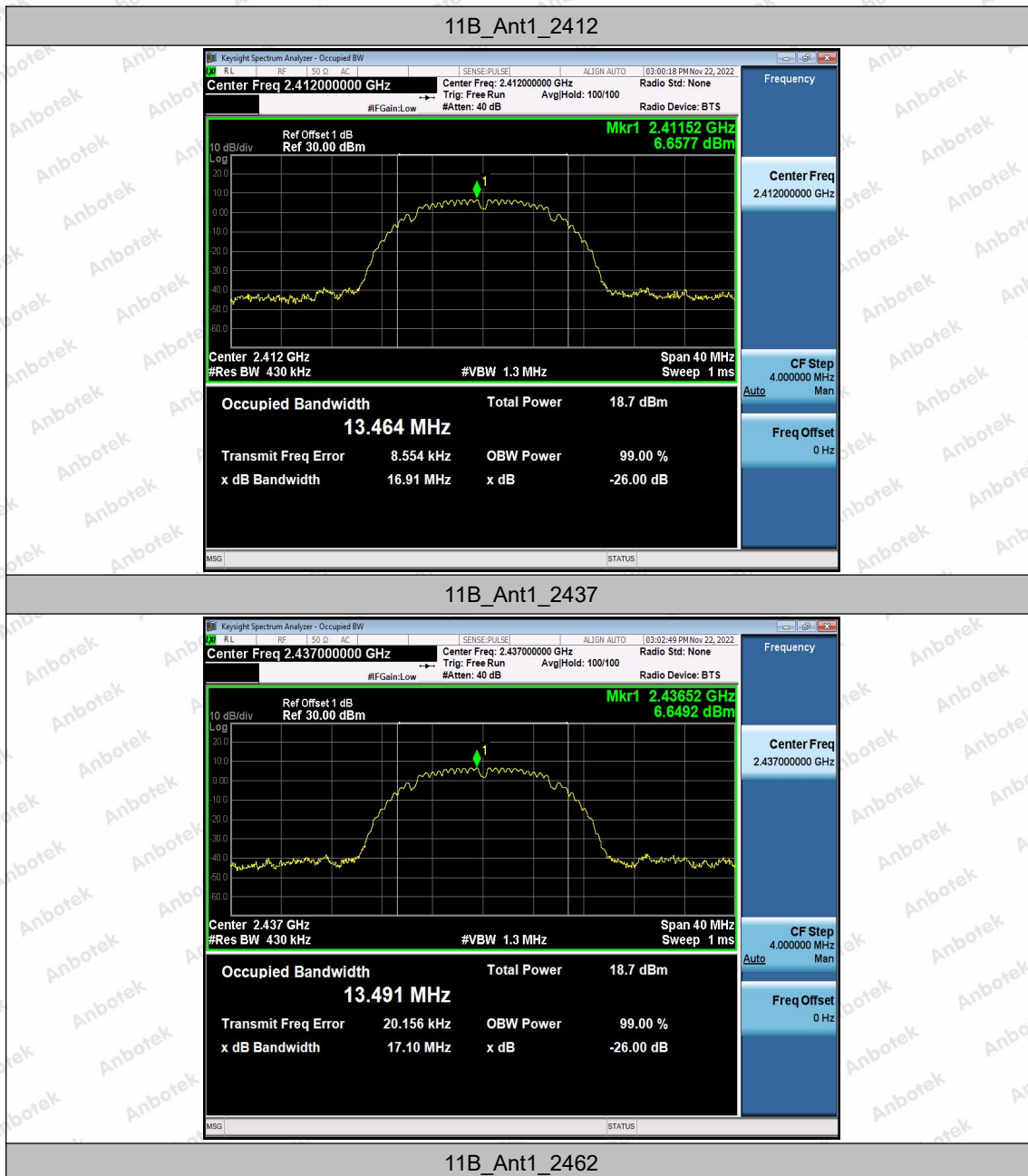
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.464	2405.2766	2418.7406	---	---
		2437	13.491	2430.2747	2443.7657	---	---
		2462	13.482	2455.3028	2468.7848	---	---



Test Graphs



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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	18.69	≤30.00
		2437	18.70	≤30.00
		2462	18.59	≤30.00



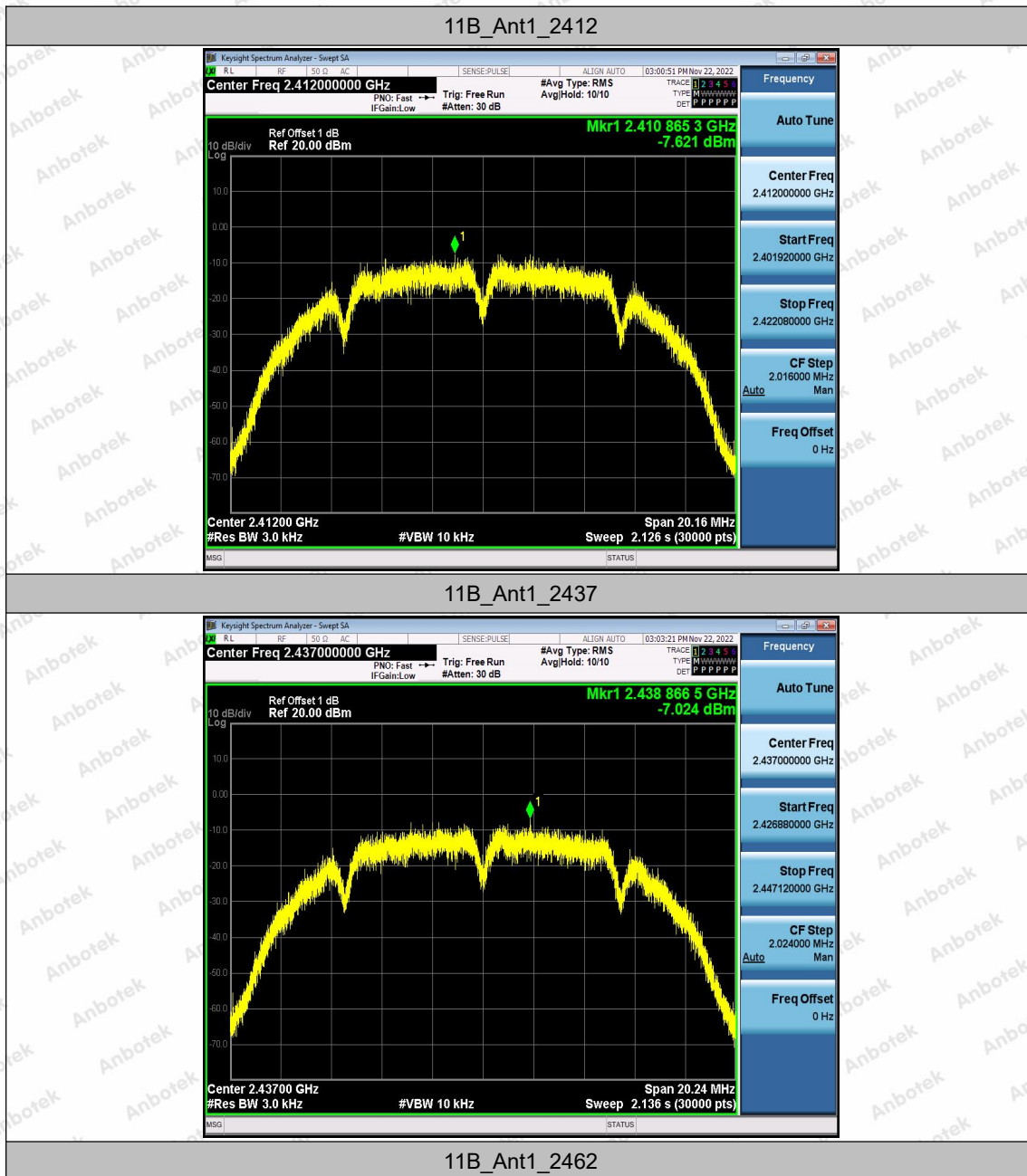
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.62	≤8.00	PASS
		2437	-7.02	≤8.00	PASS
		2462	-7.38	≤8.00	PASS



Test Graphs



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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	6.14	-44.71	≤-13.86	PASS
		High	2462	5.72	-48.34	≤-14.28	PASS



Test Graphs



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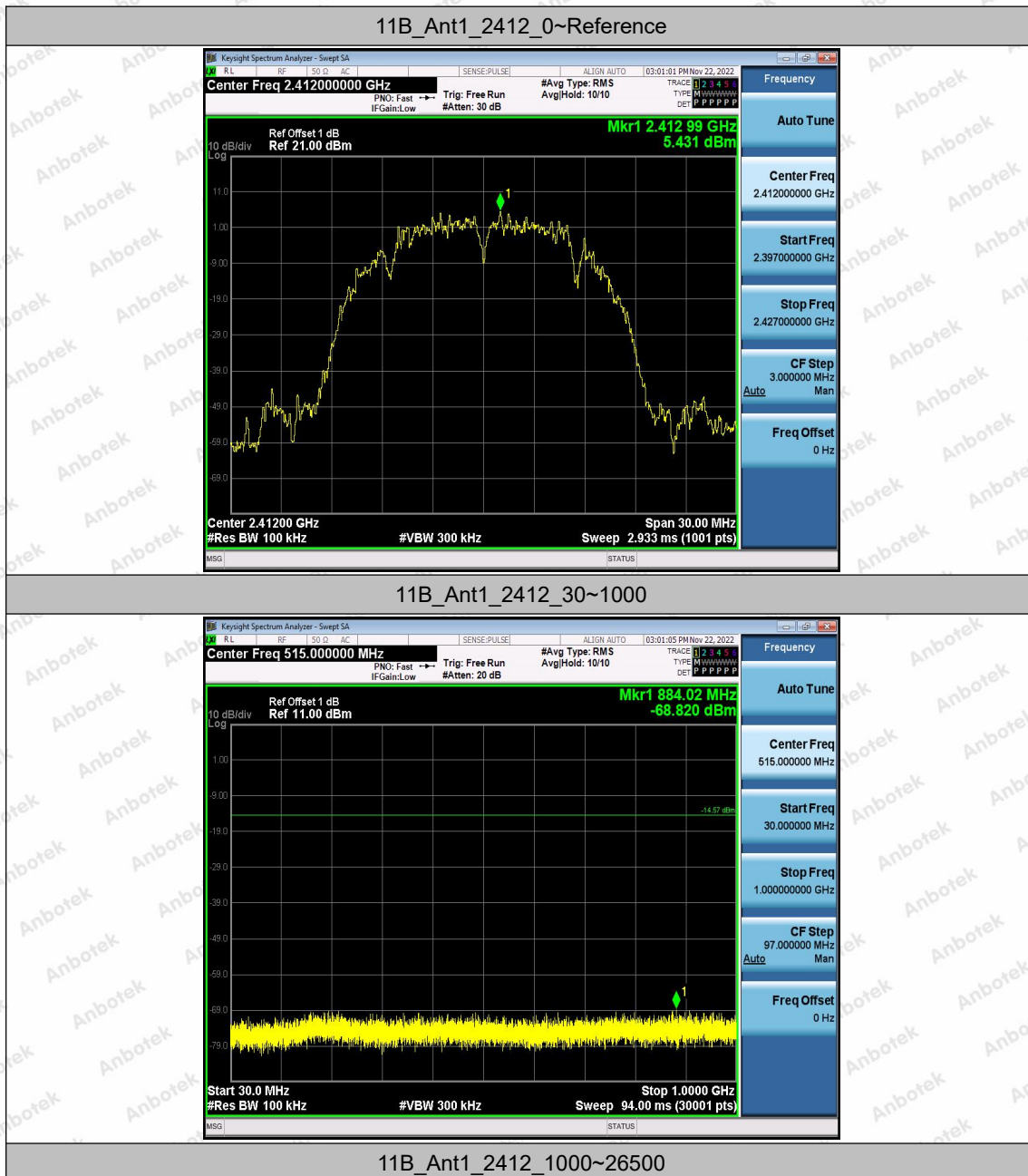
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.43	5.43	---	PASS
			30~1000	5.43	-68.82	≤-14.57	PASS
			1000~26500	5.43	-52.96	≤-14.57	PASS
		2437	Reference	4.45	4.45	---	PASS
			30~1000	4.45	-68.44	≤-15.55	PASS
			1000~26500	4.45	-52.77	≤-15.55	PASS
		2462	Reference	4.86	4.86	---	PASS
			30~1000	4.86	-68.51	≤-15.14	PASS
			1000~26500	4.86	-52.94	≤-15.14	PASS



Test Graphs



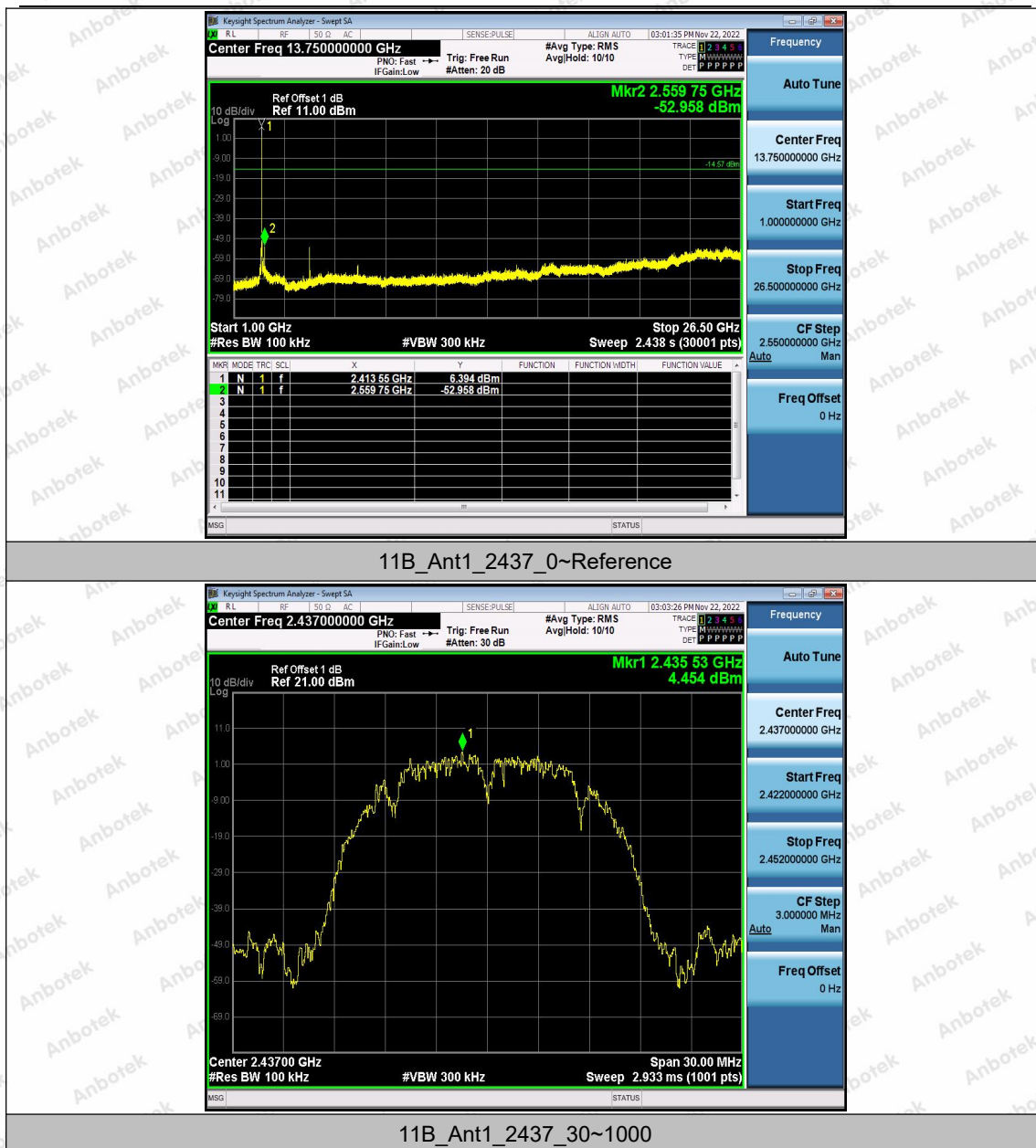
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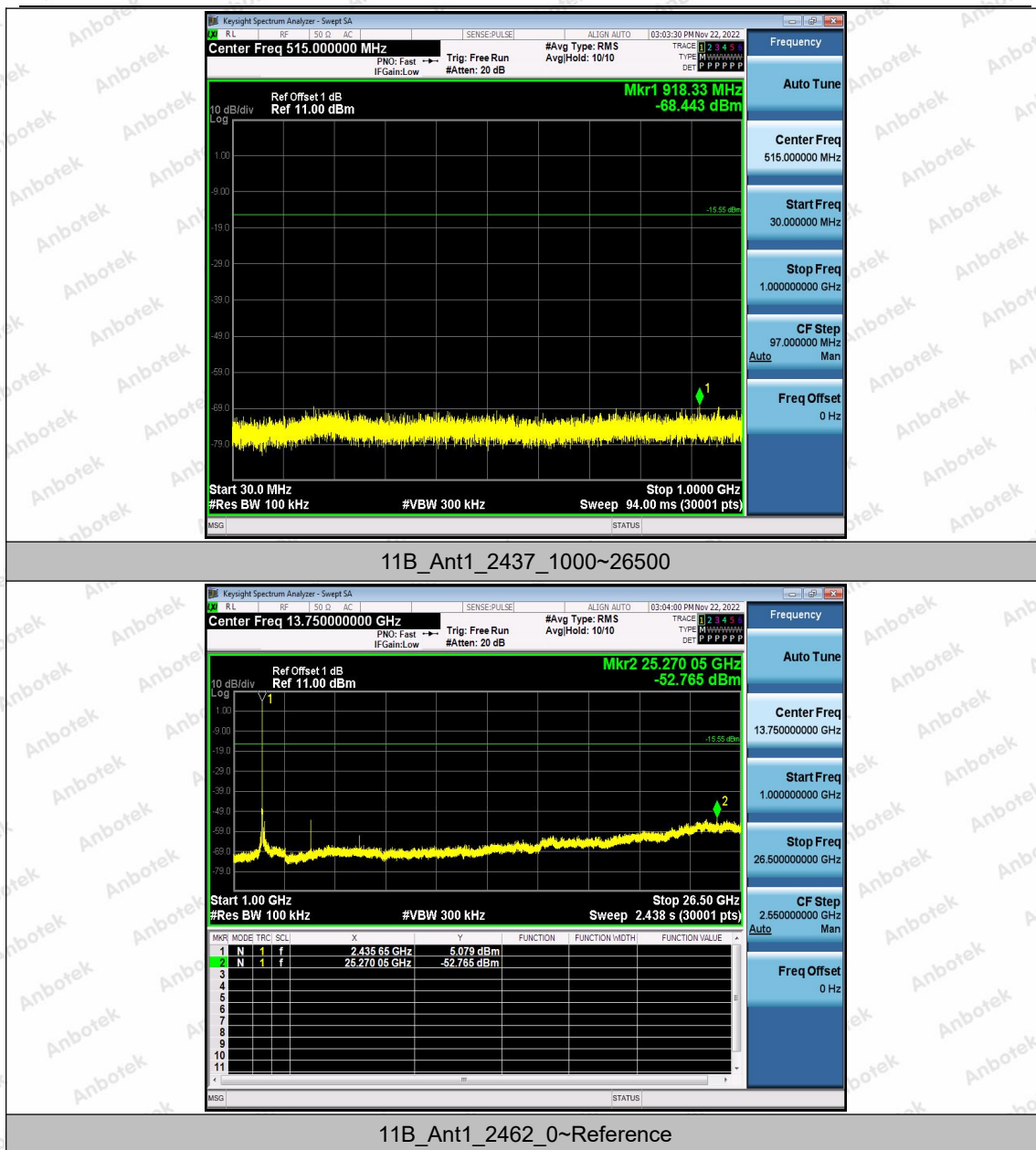
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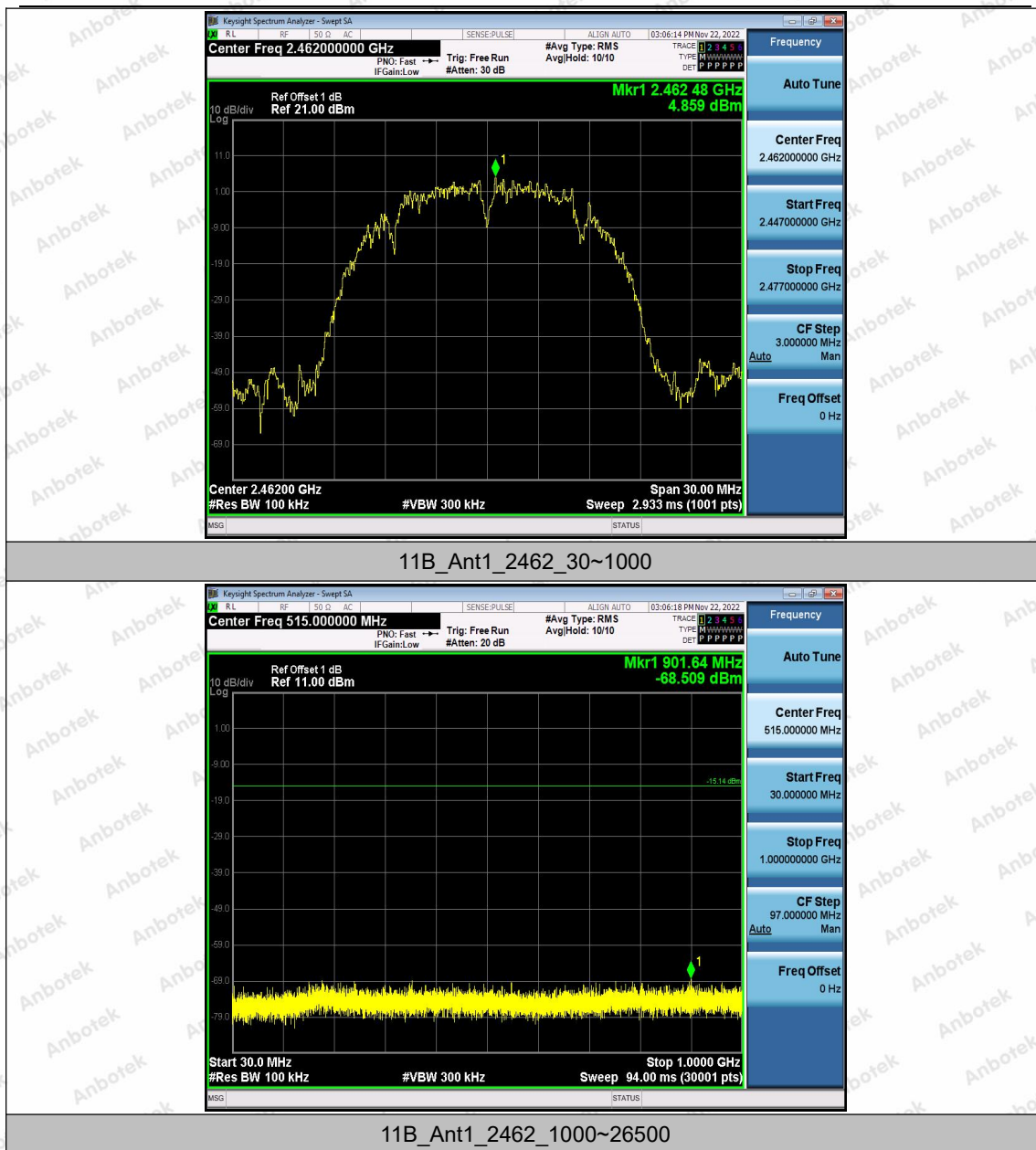
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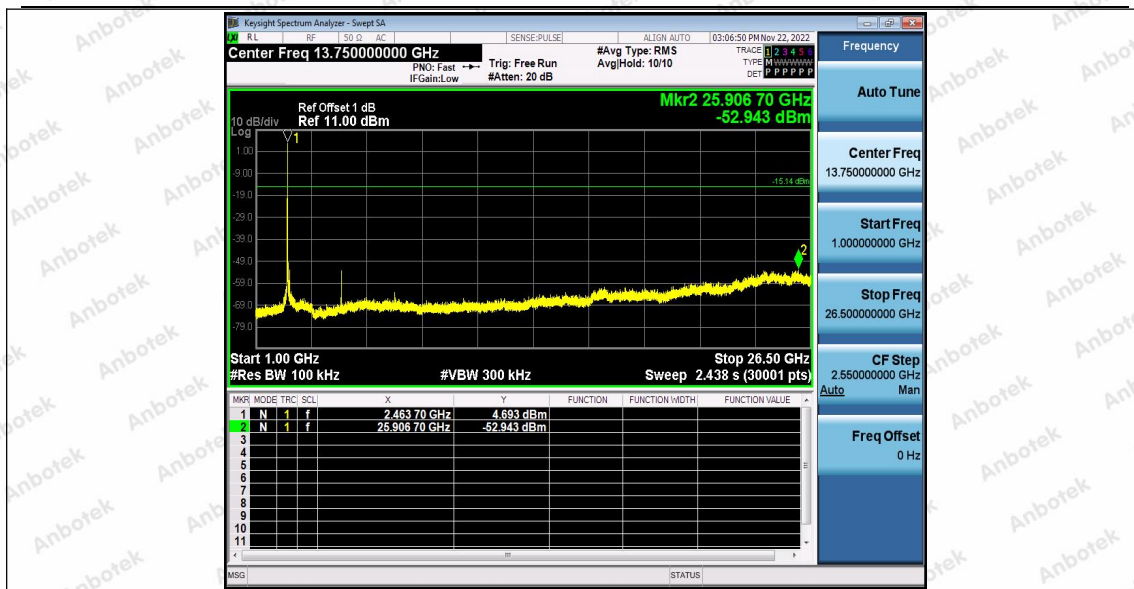
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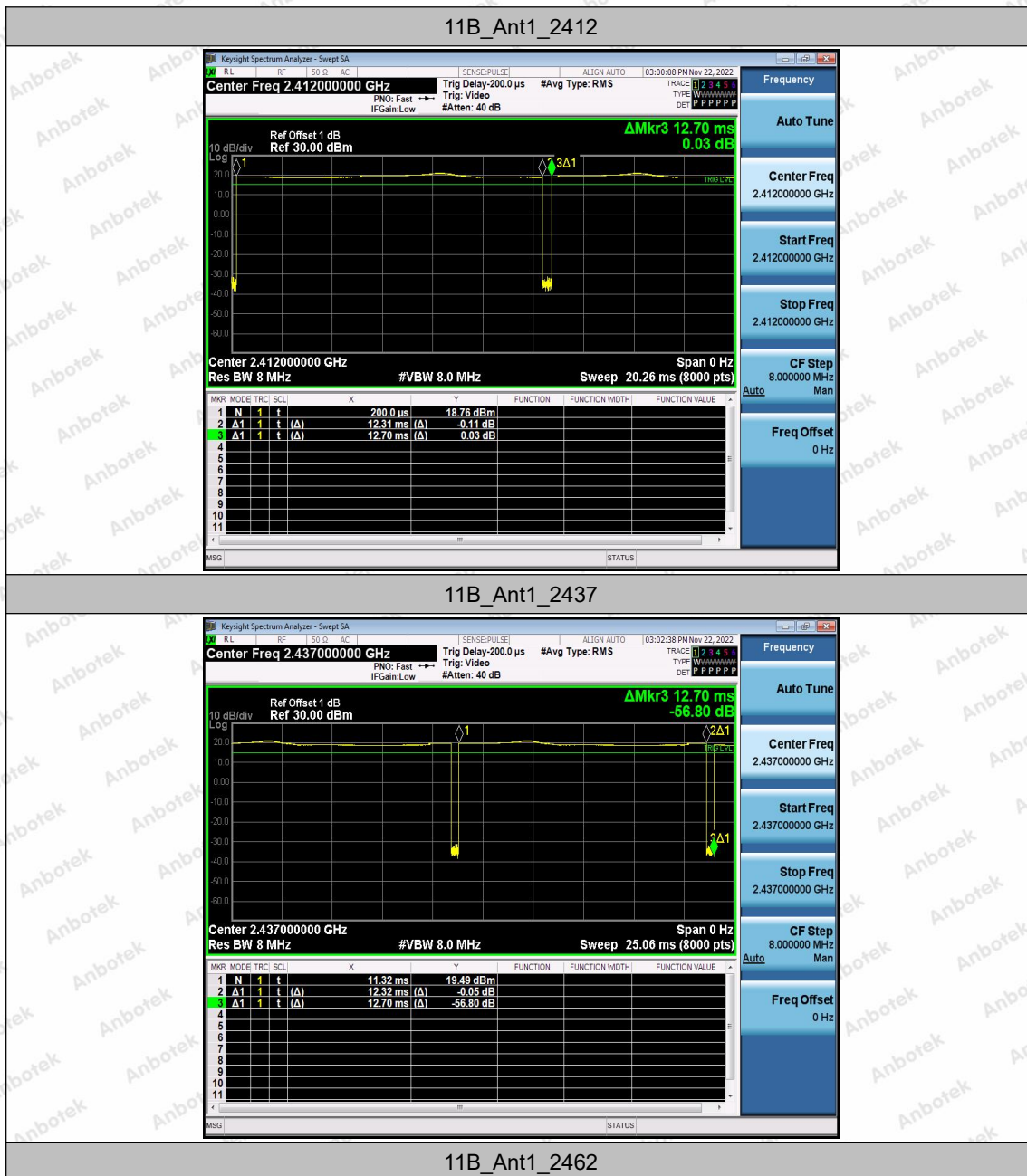
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	12.31	12.70	96.93	0.14
		2437	12.32	12.70	97.01	0.13
		2462	12.32	12.70	97.01	0.13



Test Graphs



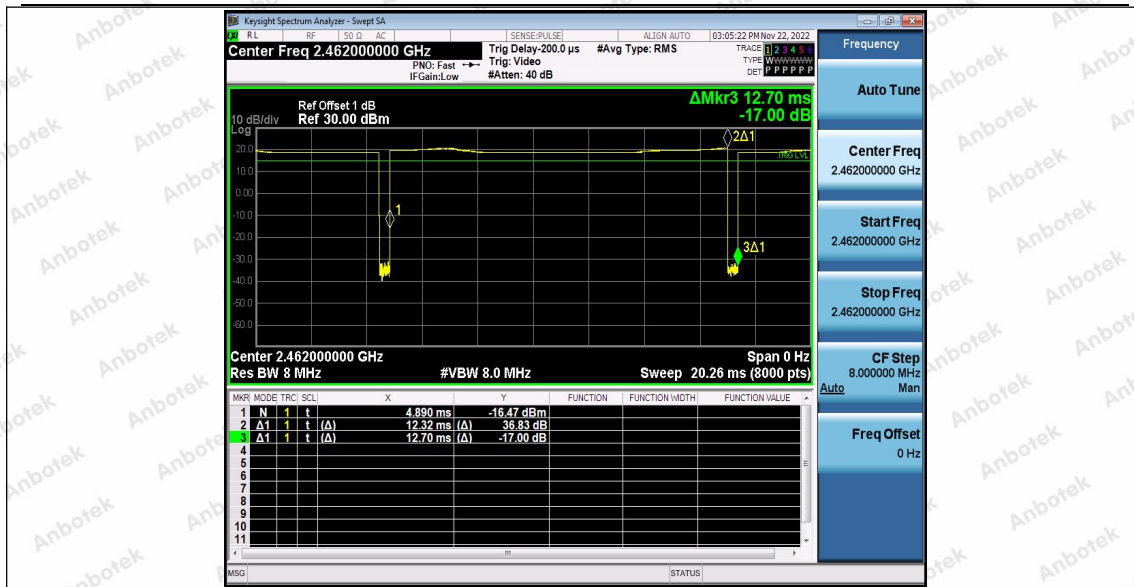
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