

Appendix Test Data

Report No.:	18220WC20179901	Test Sample No.:	1-2-2
Start Test Date:	2022.8.9	Finish Test Date:	2022.8.19
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	9.120	2407.440	2416.560	≥0.5	PASS
		2437	9.080	2432.480	2441.560	≥0.5	PASS
		2462	9.520	2457.480	2467.000	≥0.5	PASS



Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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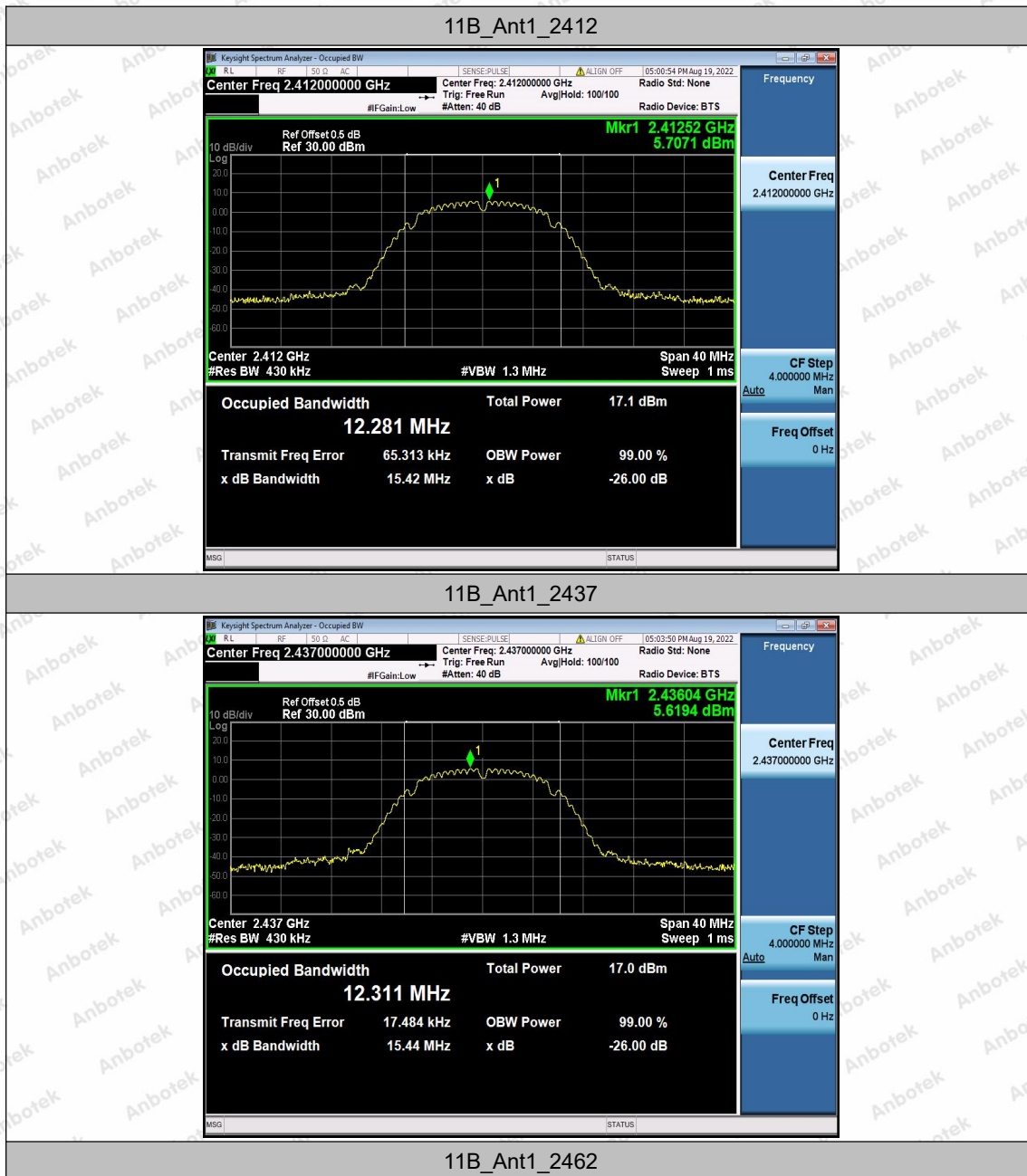
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.281	2405.9248	2418.2058	---	---
		2437	12.311	2430.8620	2443.1730	---	---
		2462	12.358	2455.8221	2468.1801	---	---



Test Graphs



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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequen cy[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	---	17.11	≤30.00	PASS
		2437	---	17.03	≤30.00	PASS
		2462	---	17.27	≤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	-8.72	≤8.00	PASS
		2437	-8.18	≤8.00	PASS
		2462	-8.49	≤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	5.52	-47.94	≤-14.48	PASS
		High	2462	5.76	-54.85	≤-14.24	PASS



Test Graphs



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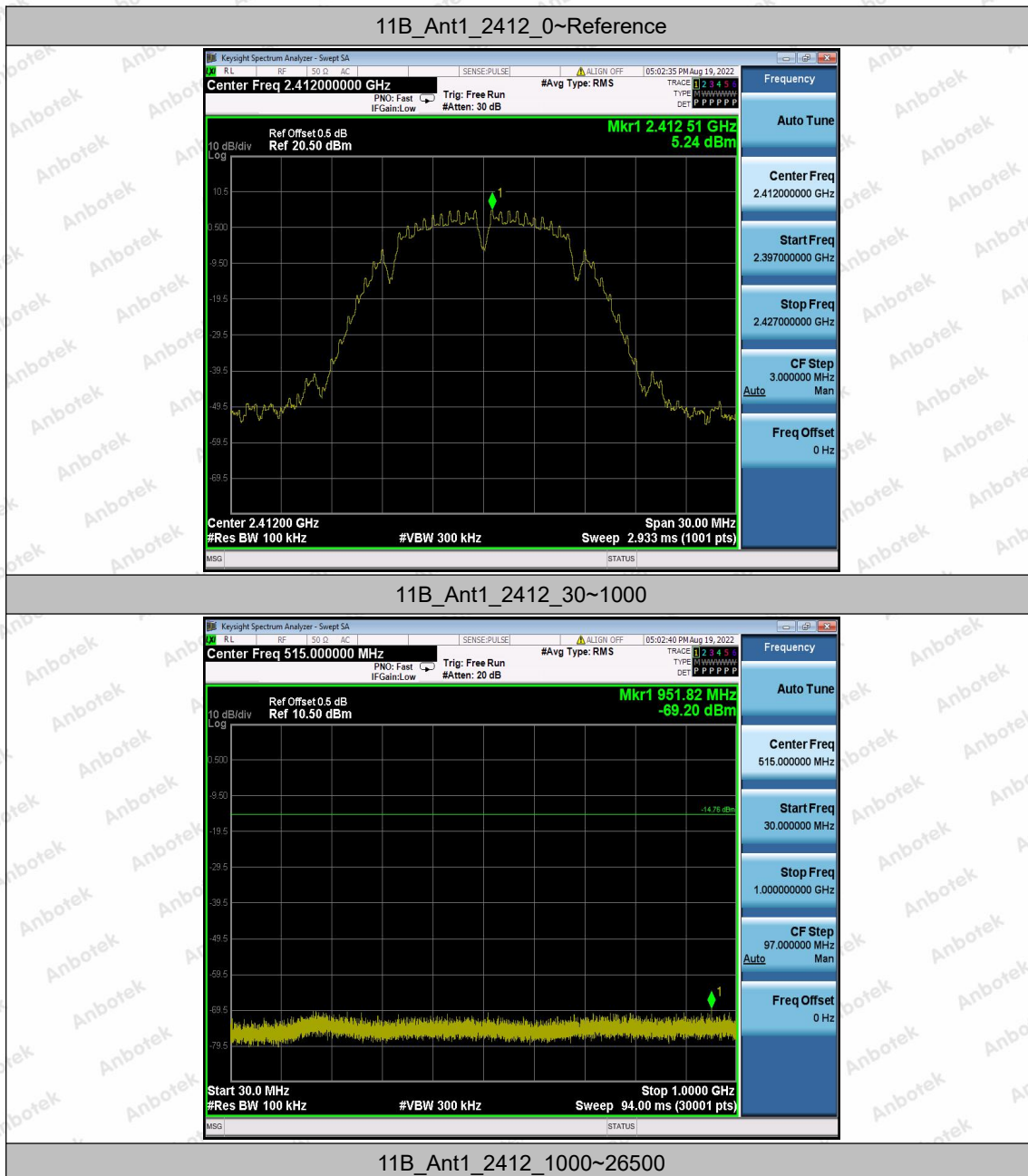
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.24	5.24	---	PASS
			30~1000	5.24	-69.2	≤-14.76	PASS
			1000~26500	5.24	-53.67	≤-14.76	PASS
		2437	Reference	5.56	5.56	---	PASS
			30~1000	5.56	-69.45	≤-14.44	PASS
			1000~26500	5.56	-53.87	≤-14.44	PASS
		2462	Reference	5.80	5.80	---	PASS
			30~1000	5.80	-67.84	≤-14.2	PASS
			1000~26500	5.80	-54.29	≤-14.2	PASS



Test Graphs



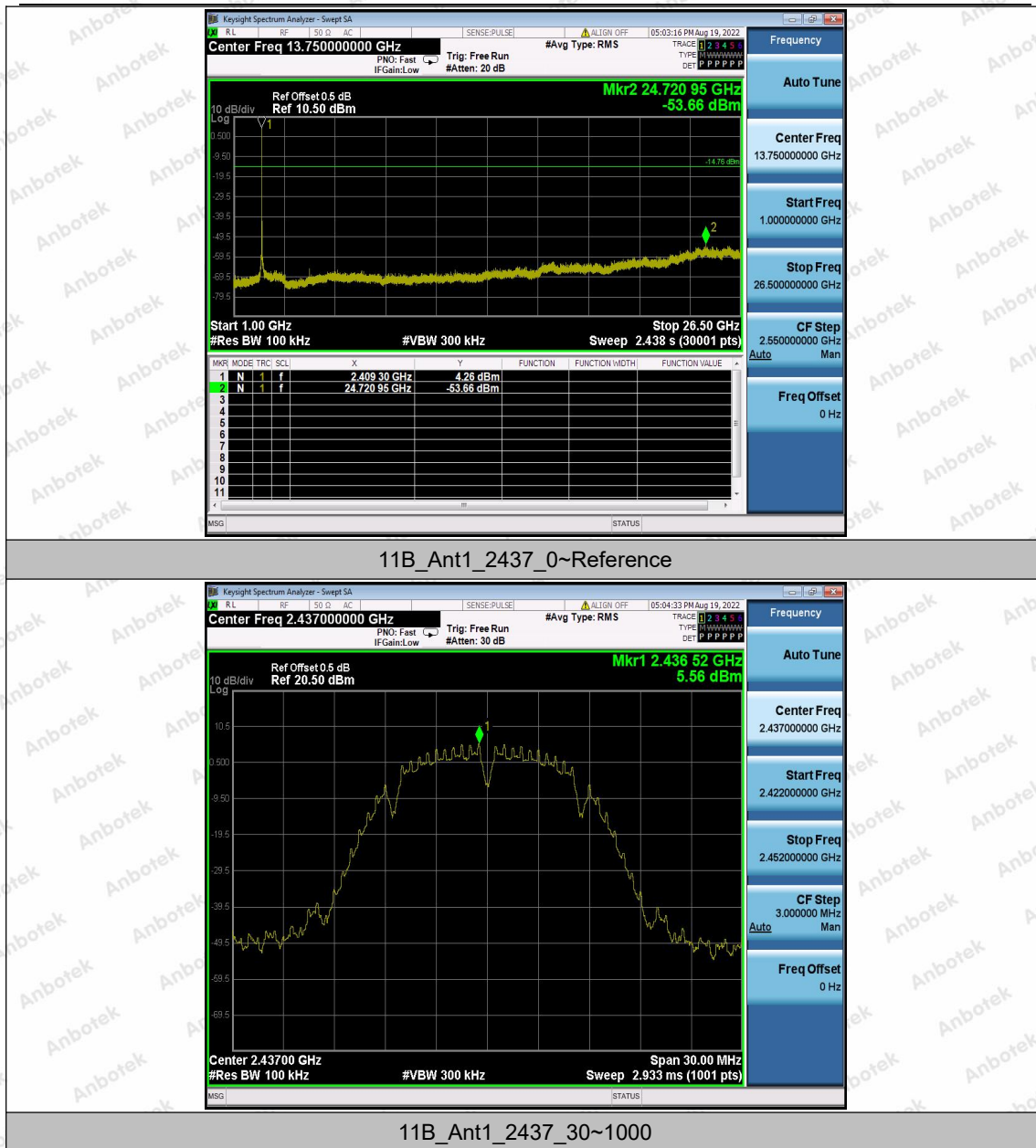
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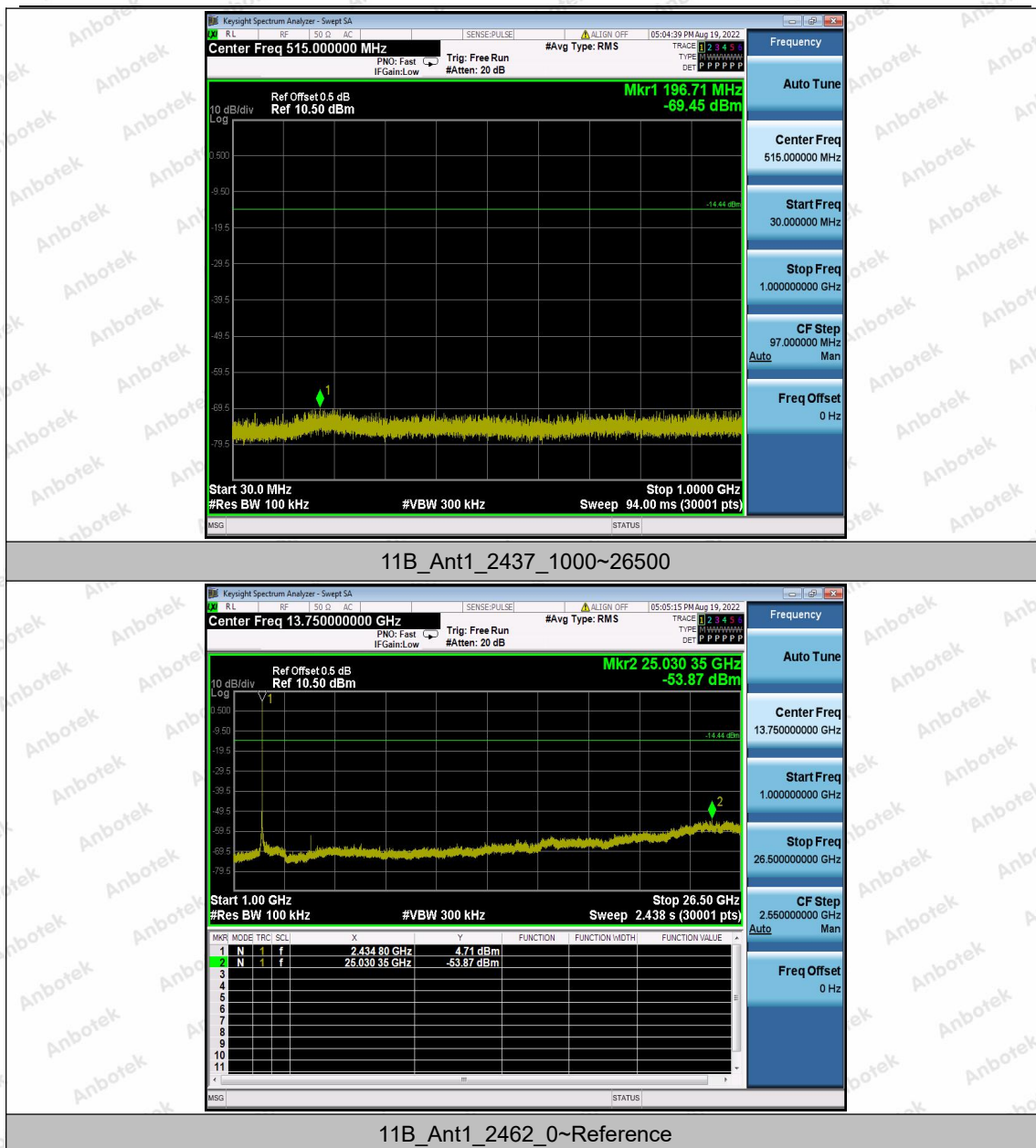
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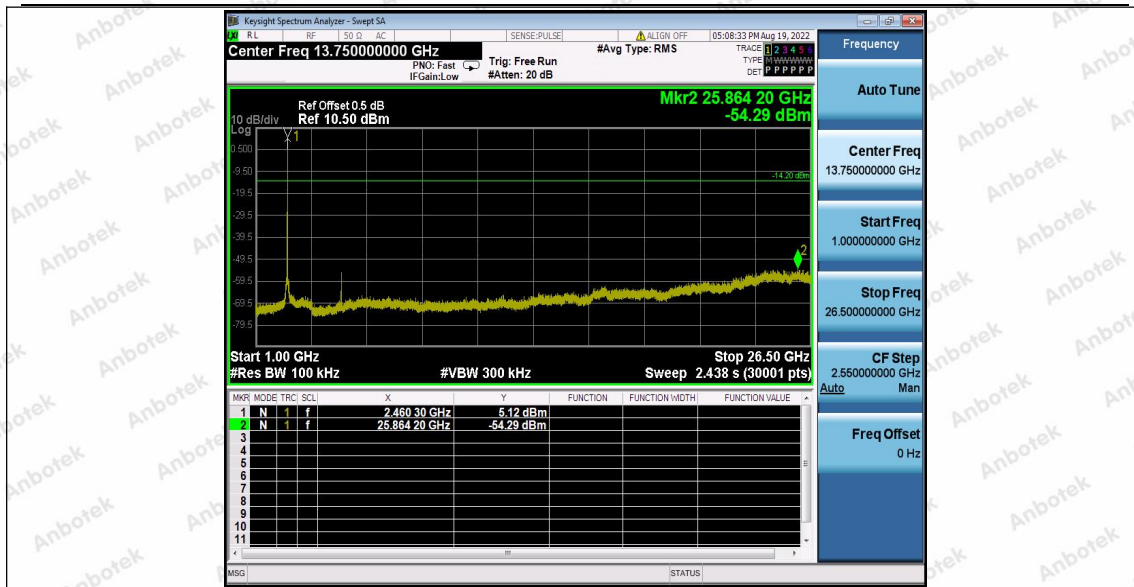
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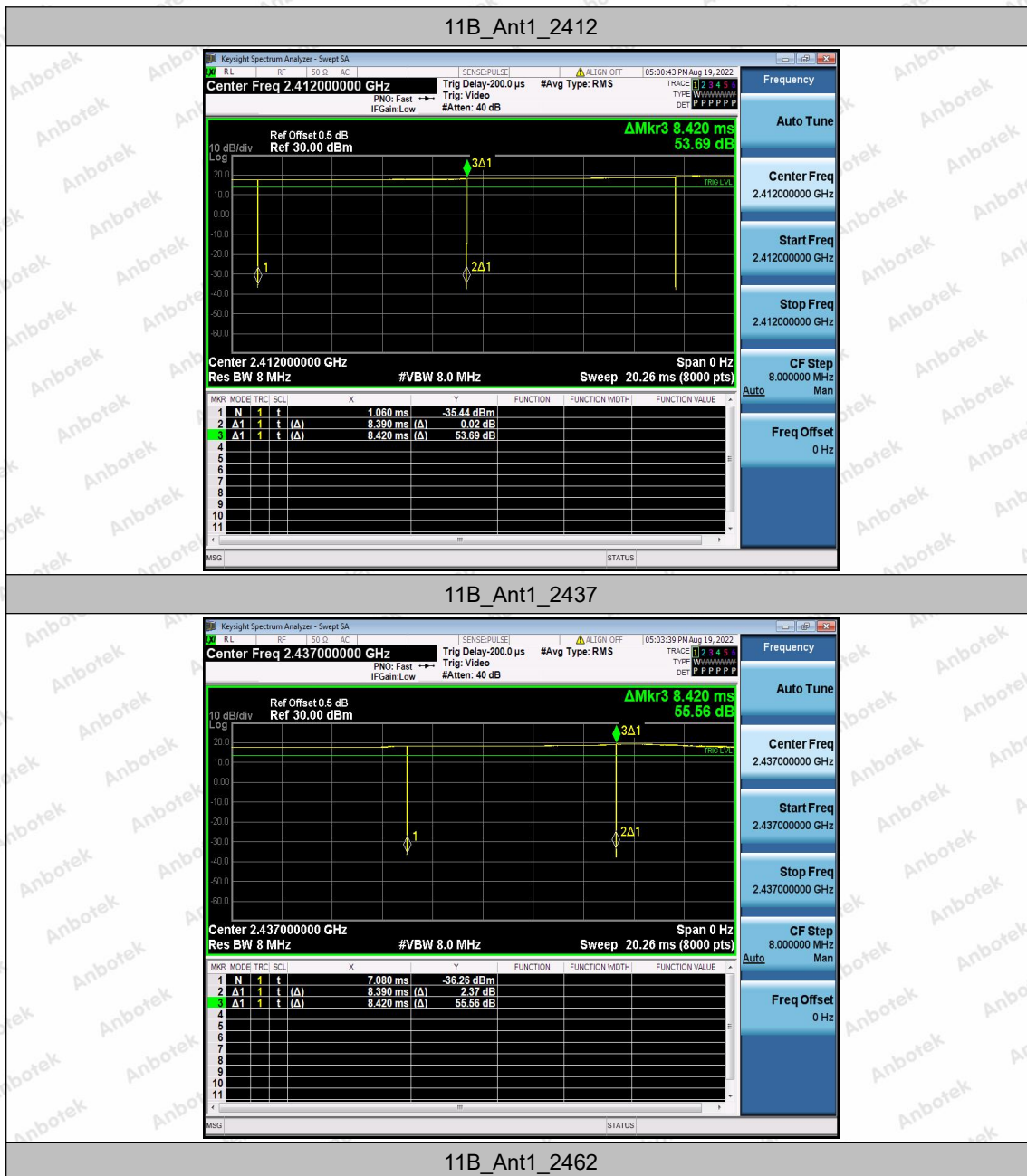
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.39	8.42	99.64	0.02
		2437	8.39	8.42	99.64	0.02
		2462	8.38	8.41	99.64	0.02



Test Graphs



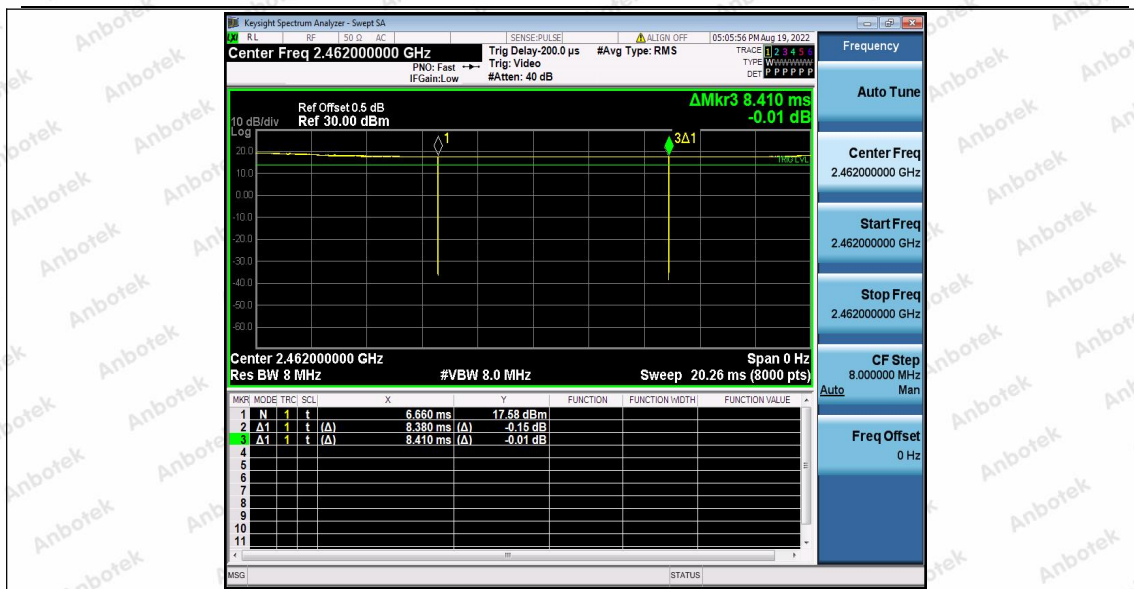
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