

Appendix Test Data

Report No.:	18220WC20203201	Test Sample No.:	1-2-2
Start Test Date:	2022.8.31	Finish Test Date:	2022.9.7
Test Engineer:	RICK Luo	Auditor:	Edward Pan
Temperature:	27.3°C	Relative Humidity:	47 %
Pressure:	1012 hPa		

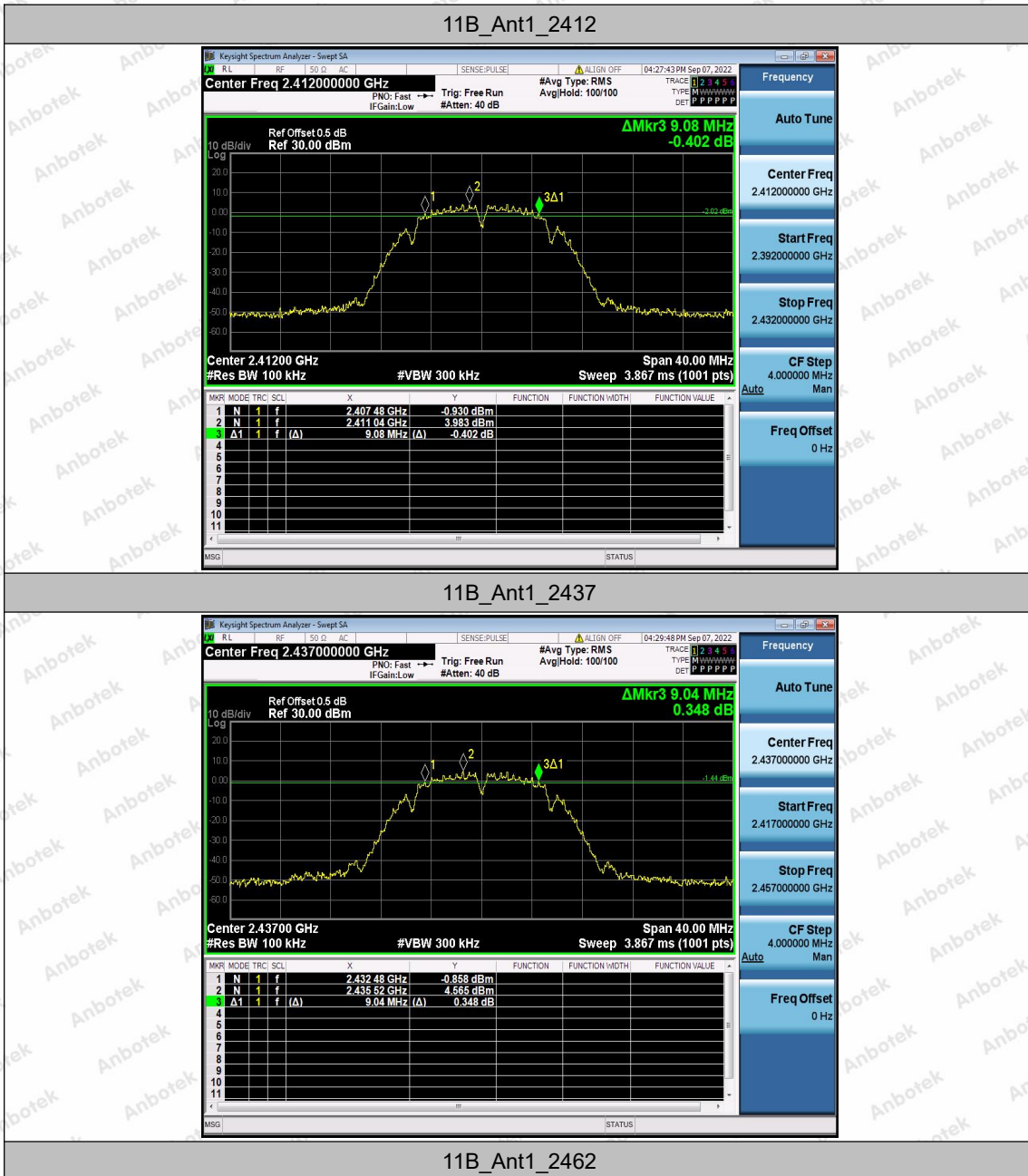
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.480	2416.560	0.5	PASS
		2437	9.040	2432.480	2441.520	0.5	PASS
		2462	9.080	2457.480	2466.560	0.5	PASS



Test Graphs

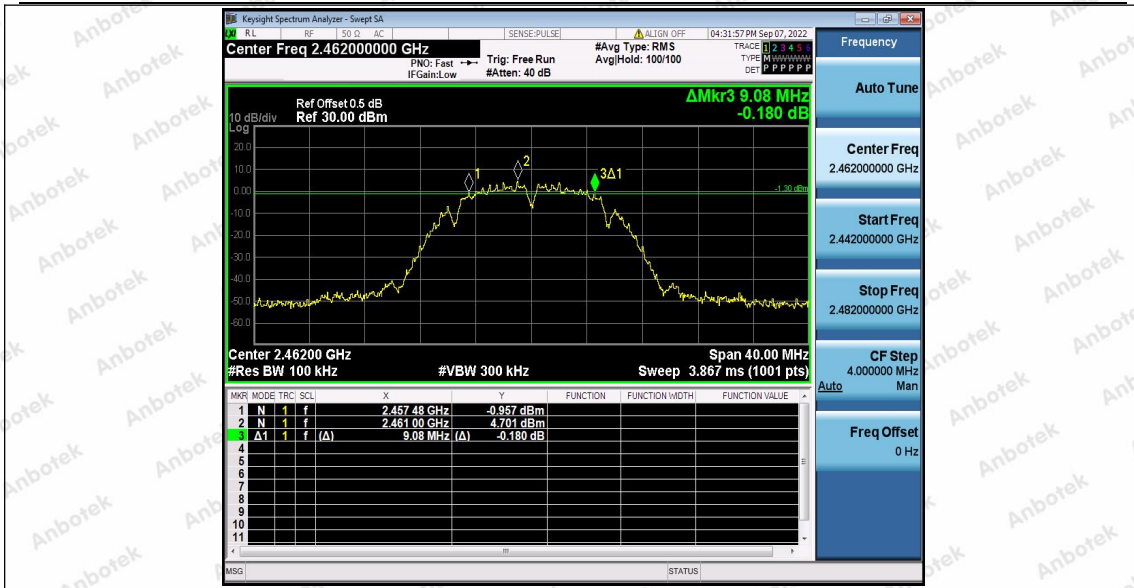


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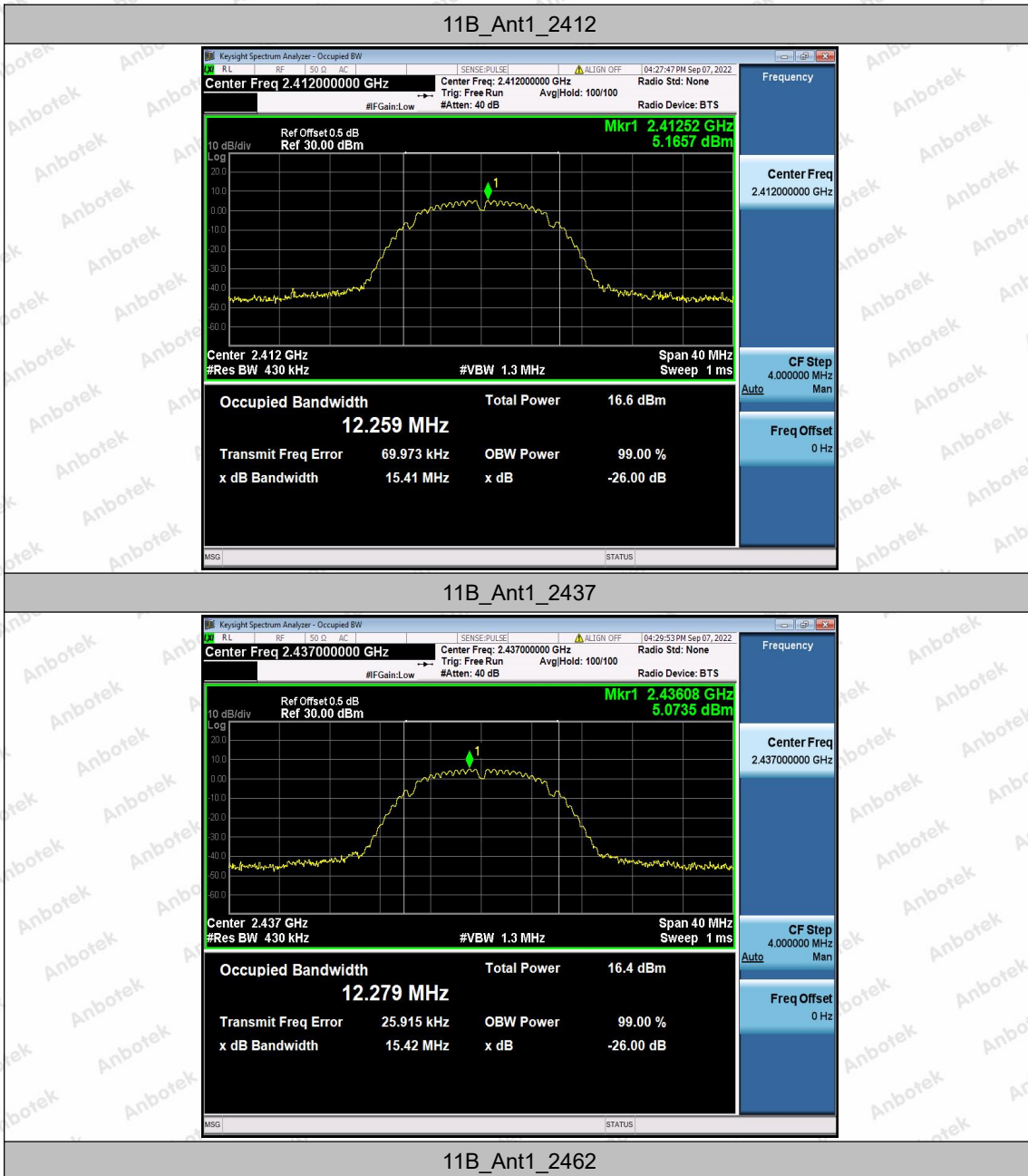
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
11B	Ant1	2412	12.259	2405.9405	2418.1995
		2437	12.279	2430.8864	2443.1654
		2462	12.303	2455.8565	2468.1595



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]	Verdict
11B	Ant1	2412	8.12	≤30.00	PASS
		2437	8.35	≤30.00	PASS
		2462	8.53	≤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	-8.62	≤8.00	PASS
		2437	-7.33	≤8.00	PASS
		2462	-9.71	≤8.00	PASS

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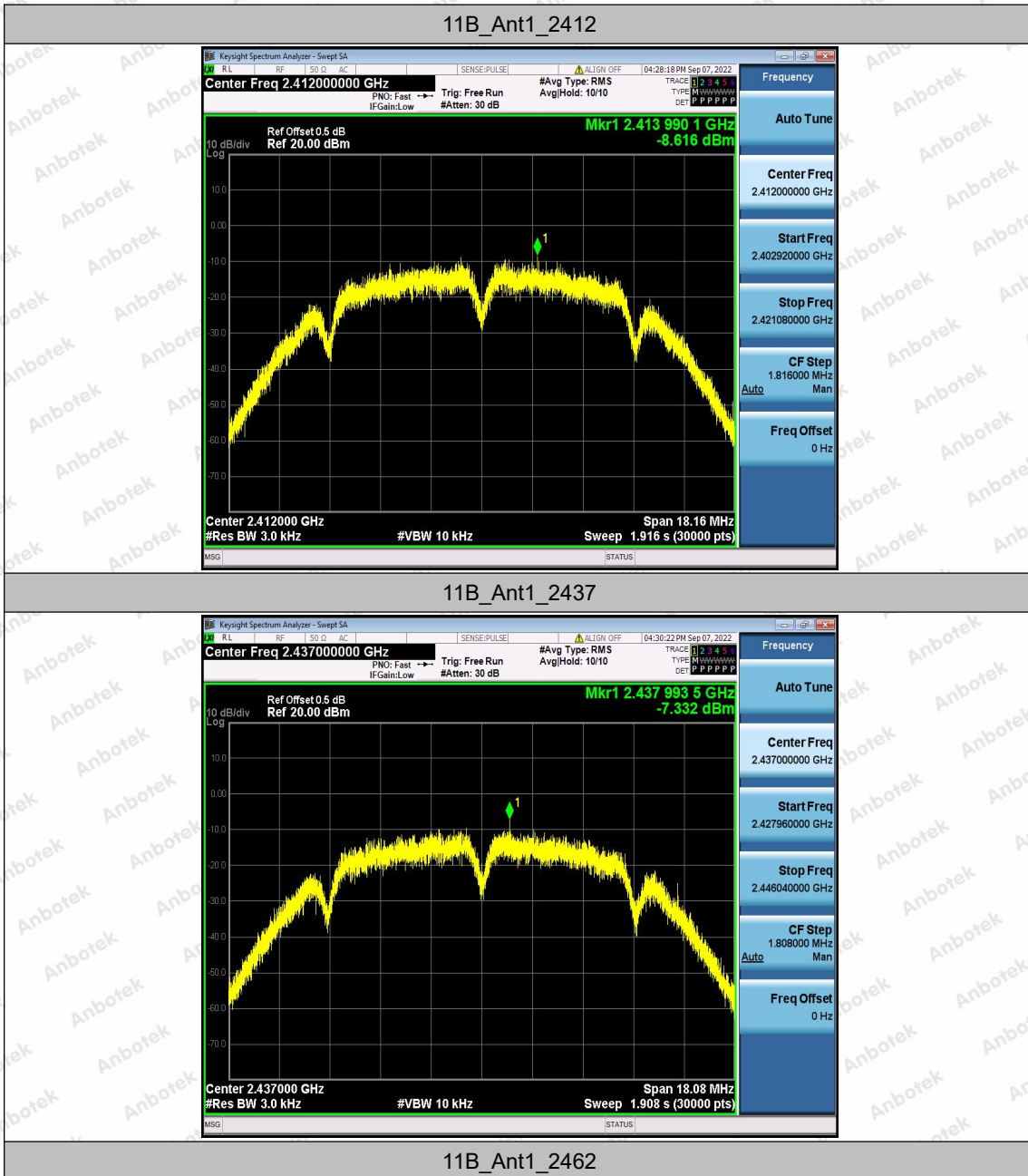
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Test Graphs

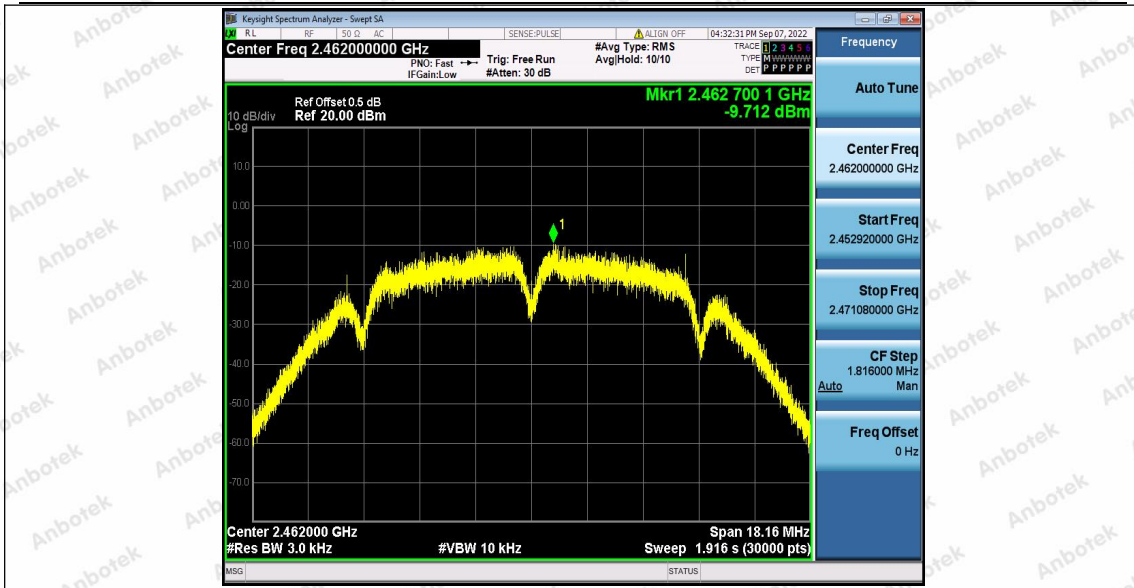


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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	Channel Name	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	4.89	-49.34	≤-15.11	PASS
		High	2462	4.62	-55.96	≤-15.38	PASS



Test Graphs



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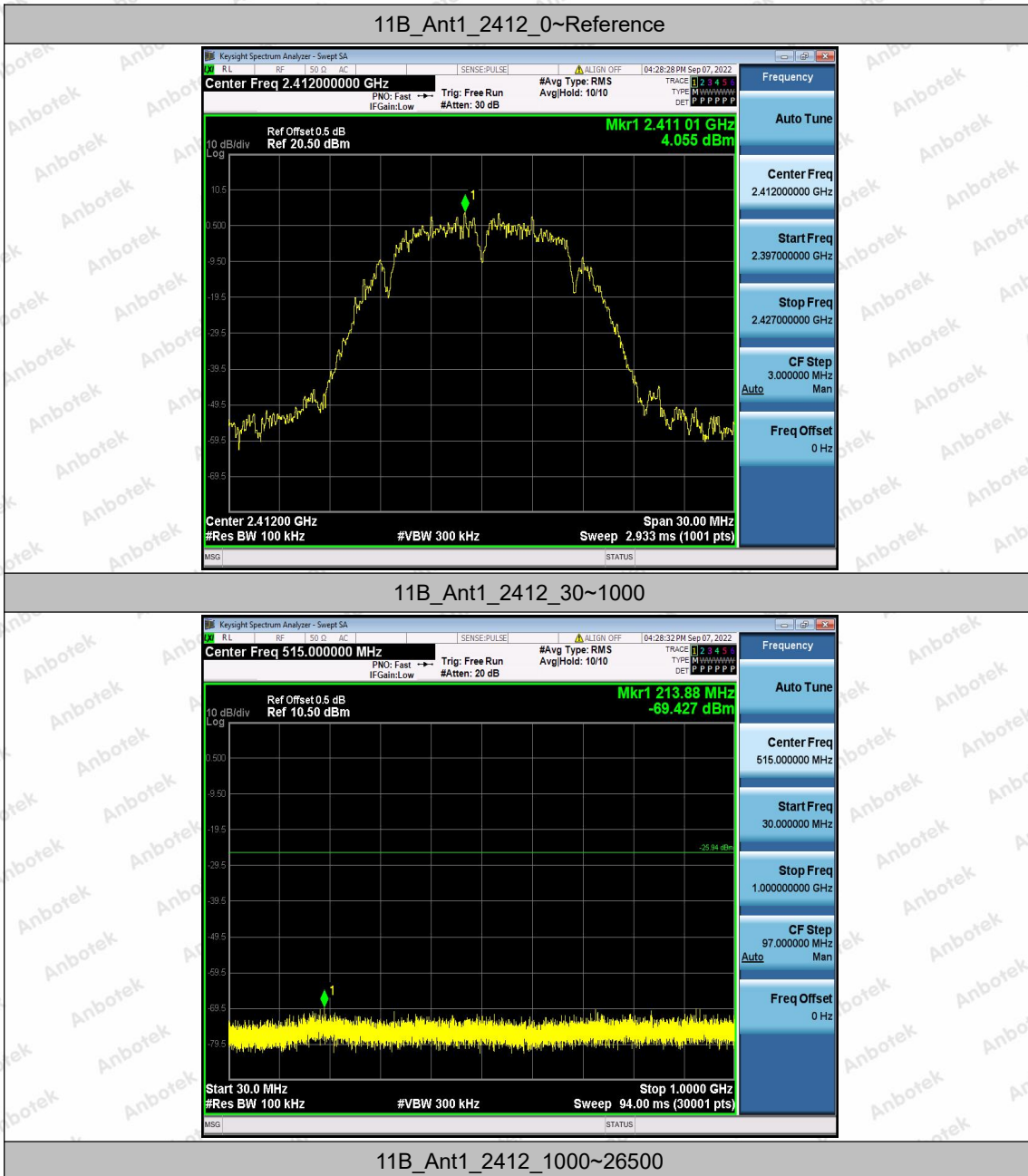
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.06	4.06	---	PASS
			30~1000	4.06	-69.43	≤-25.94	PASS
			1000~26500	4.06	-54.13	≤-25.94	PASS
		2437	Reference	3.18	3.18	---	PASS
			30~1000	3.18	-69.64	≤-26.82	PASS
			1000~26500	3.18	-53.67	≤-26.82	PASS
		2462	Reference	4.41	4.41	---	PASS
			30~1000	4.41	-70.05	≤-25.59	PASS
			1000~26500	4.41	-54.15	≤-25.59	PASS



Test Graphs

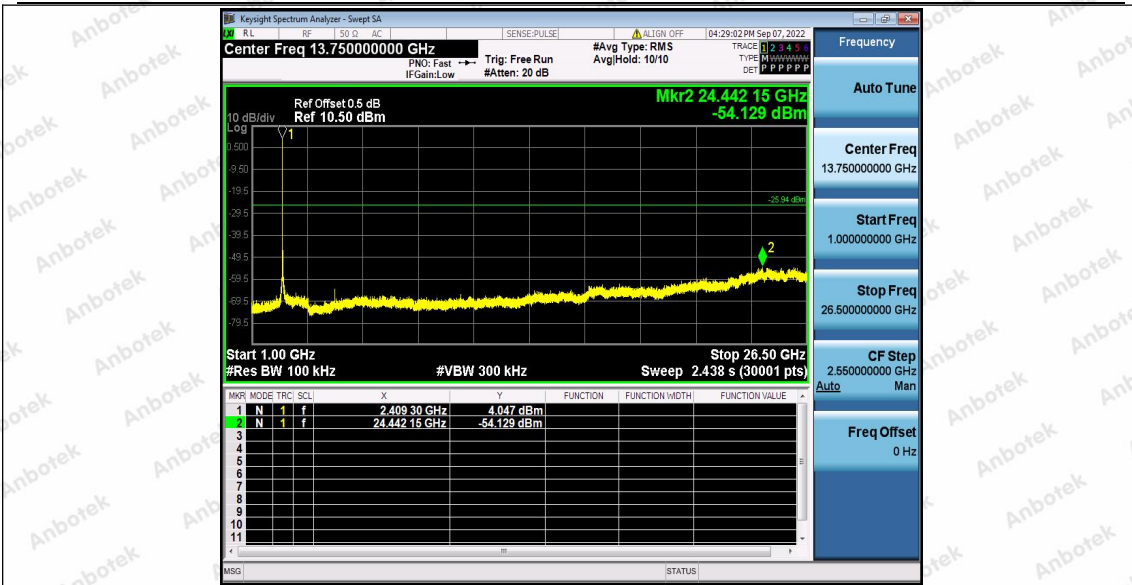


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11B_Ant1_2437_0~Reference



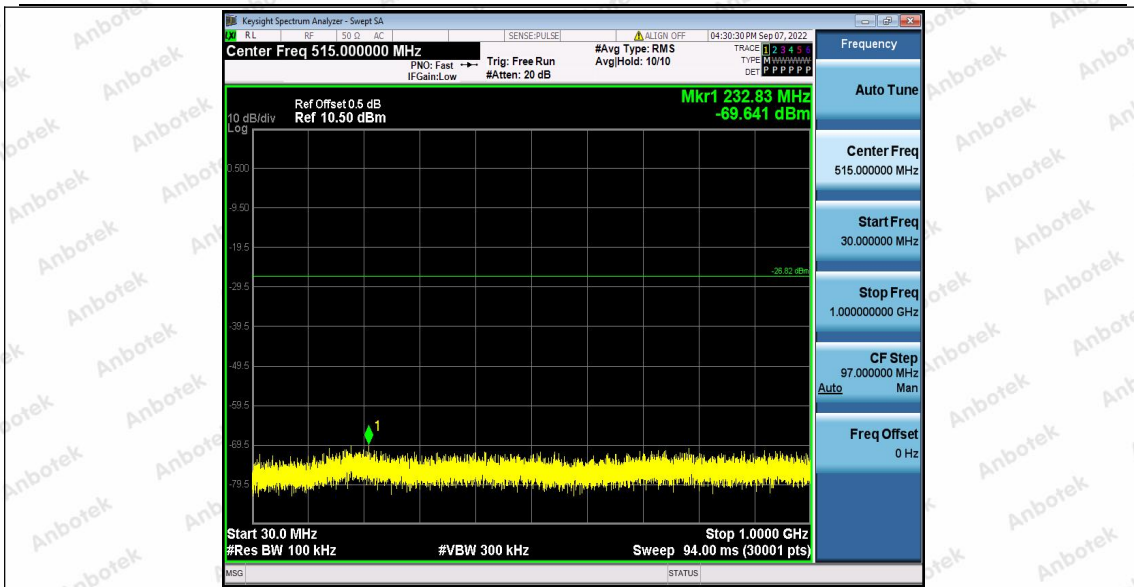
11B_Ant1_2437_30~1000

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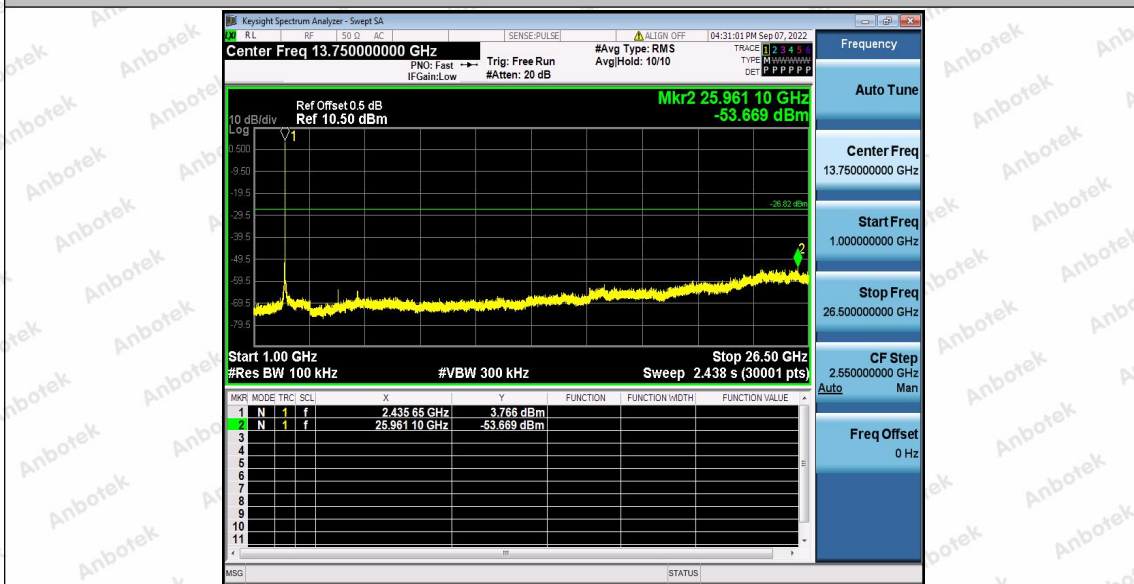
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11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference

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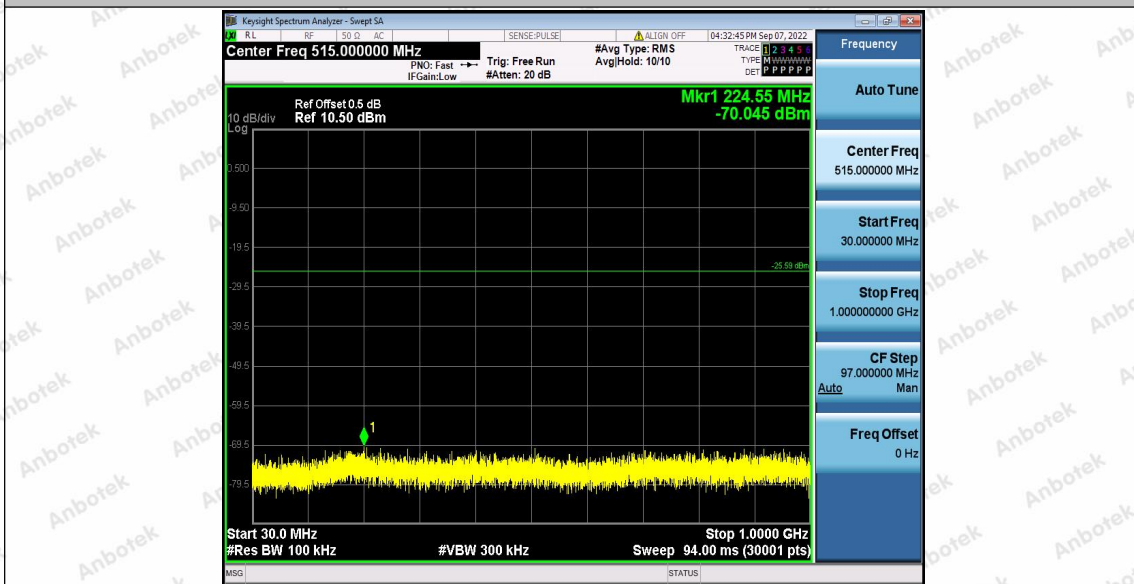
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11B_Ant1_2462_30~1000



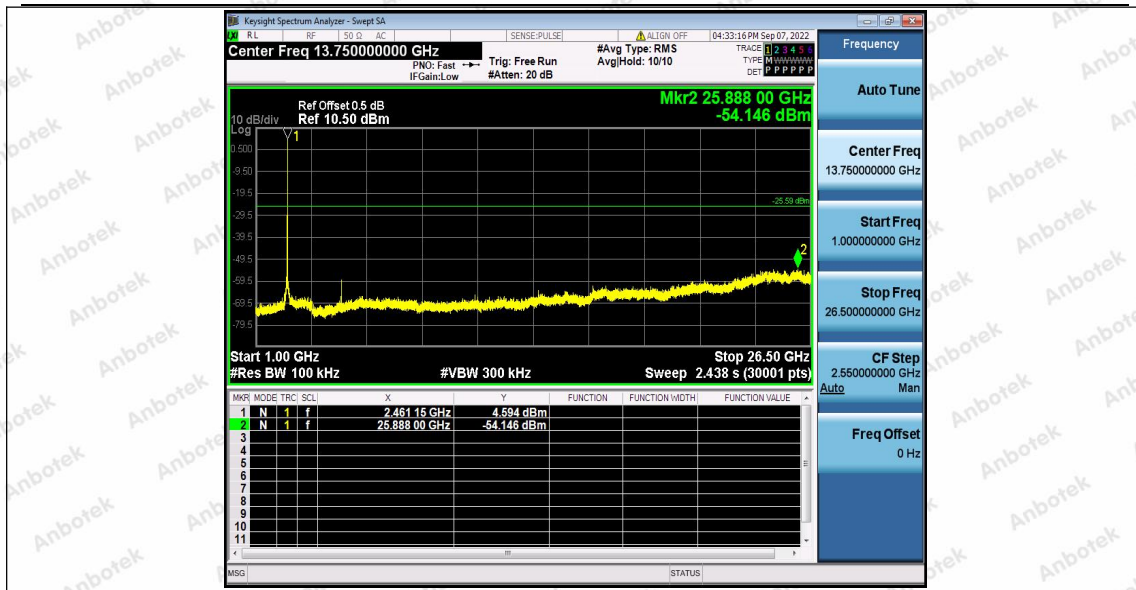
11B_Ant1_2462_1000~26500

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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

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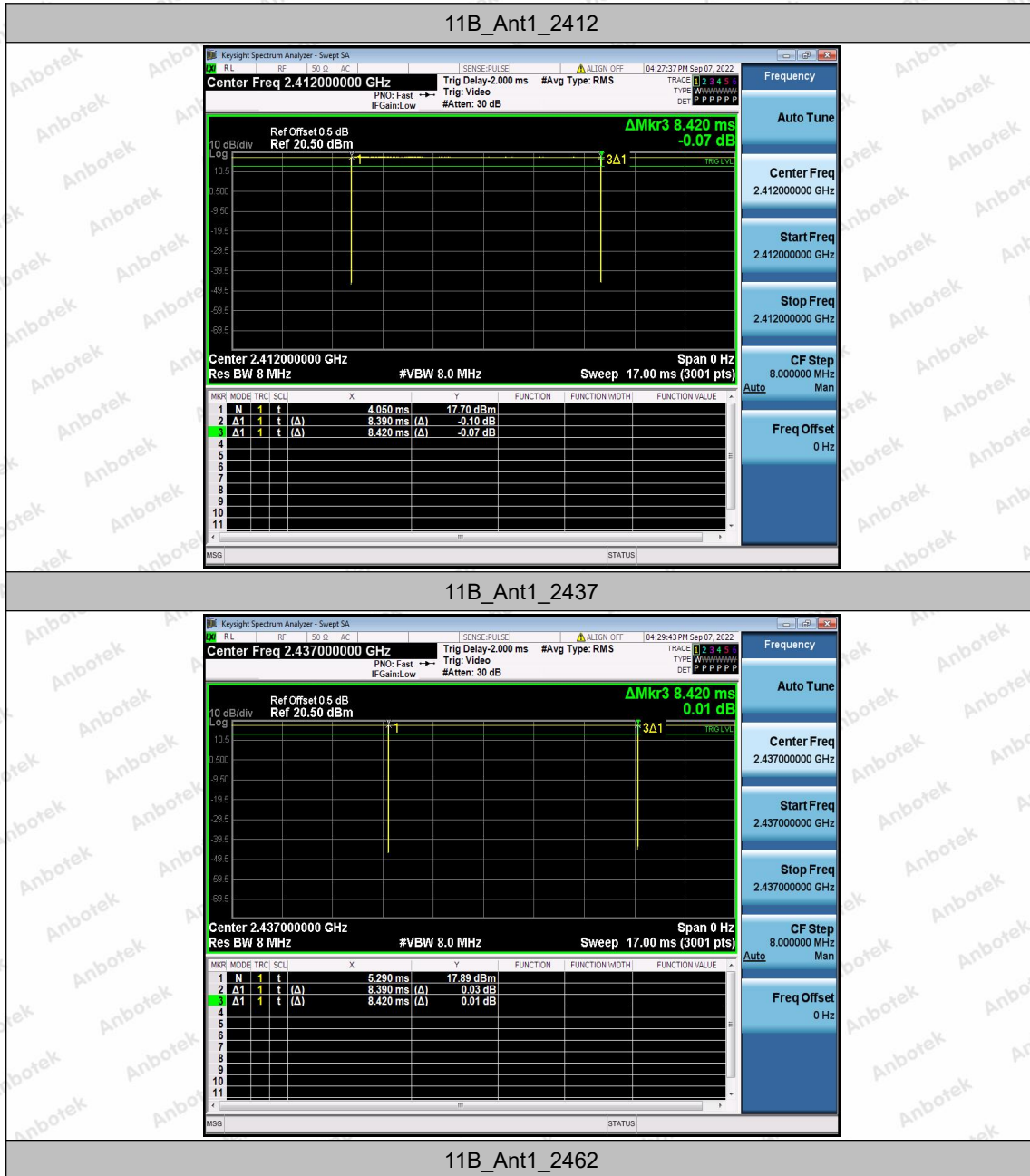
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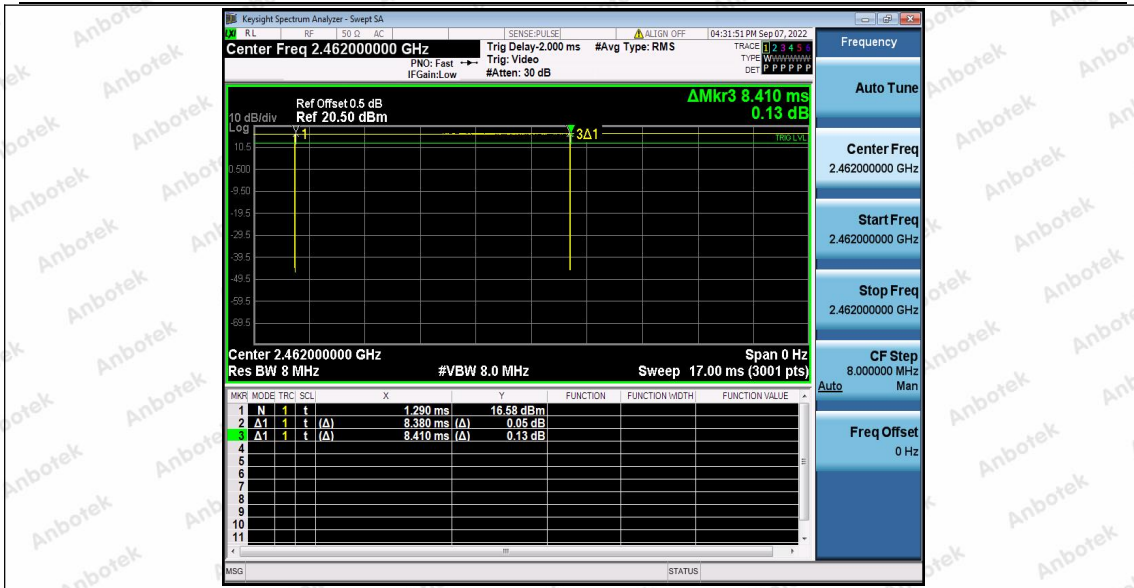


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Test Graphs





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