

Appendix Test Data

Report No.:	18220WC20039102	Test Sample No.:	1-2-2
Start Test Date:	2022.3.1	Finish Test Date:	2022.3.9
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3°C	Relative Humidity:	56 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.600	2408.480	2411.520	≥0.5	PASS
		2437	7.640	2433.400	2436.000	≥0.5	PASS
		2462	7.640	2457.960	2462.520	≥0.5	PASS
11G	Ant1	2412	13.960	2405.640	2410.760	≥0.5	PASS
		2437	15.520	2429.440	2438.280	≥0.5	PASS
		2462	15.520	2454.080	2464.520	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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11G_Ant1_2412



11G_Ant1_2437

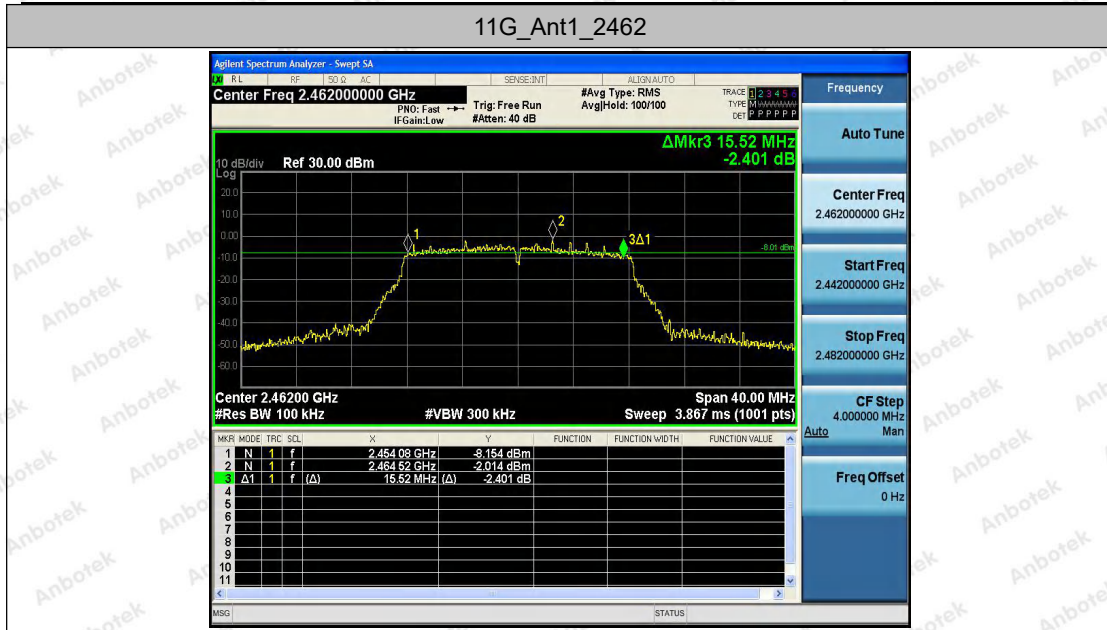


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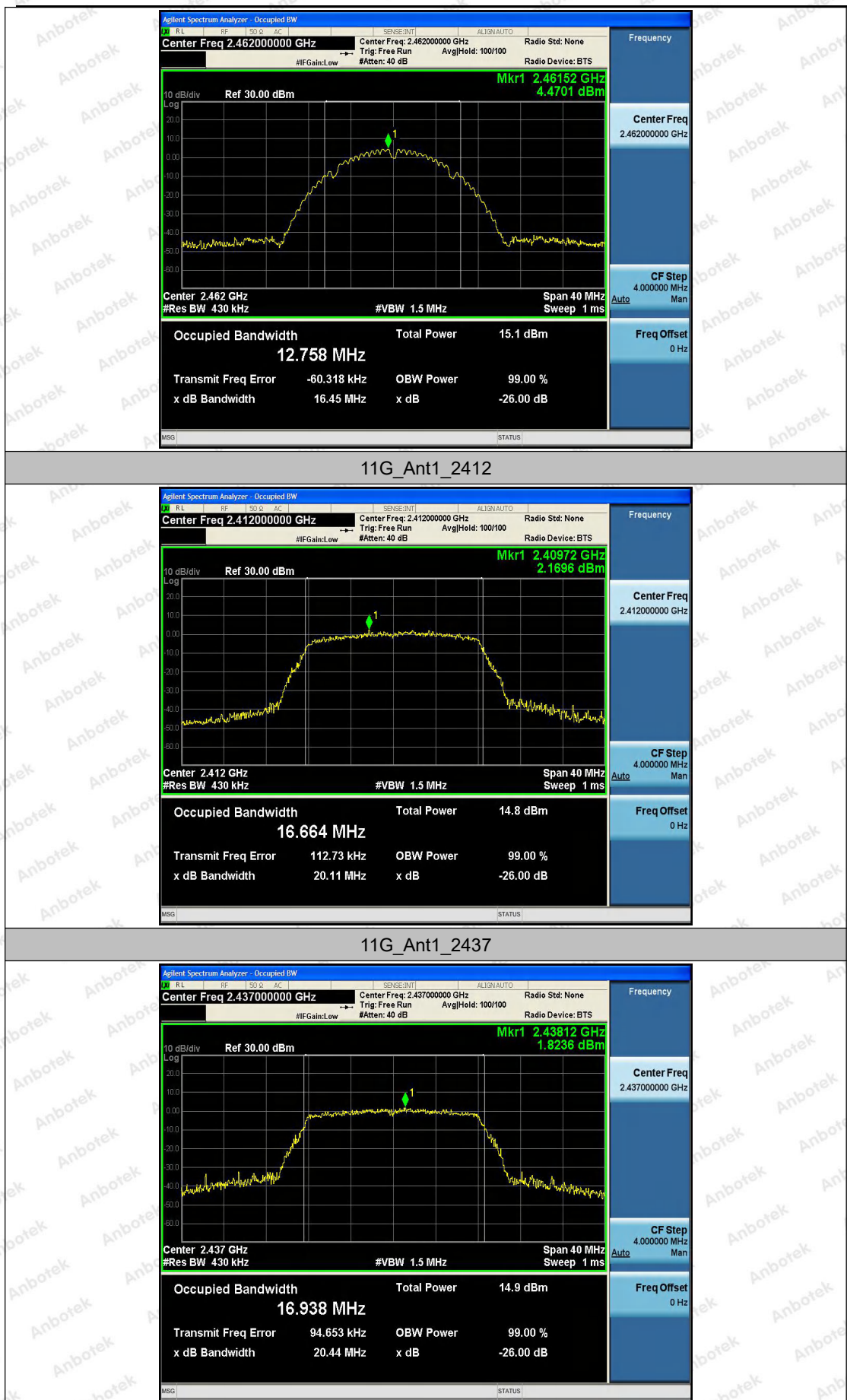
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.511	2405.882	2418.393	---	PASS
		2437	12.911	2430.596	2443.507	---	PASS
		2462	12.758	2455.561	2468.319	---	PASS
11G	Ant1	2412	16.664	2403.781	2420.445	---	PASS
		2437	16.938	2428.626	2445.564	---	PASS
		2462	16.737	2453.581	2470.318	---	PASS

Test Graphs



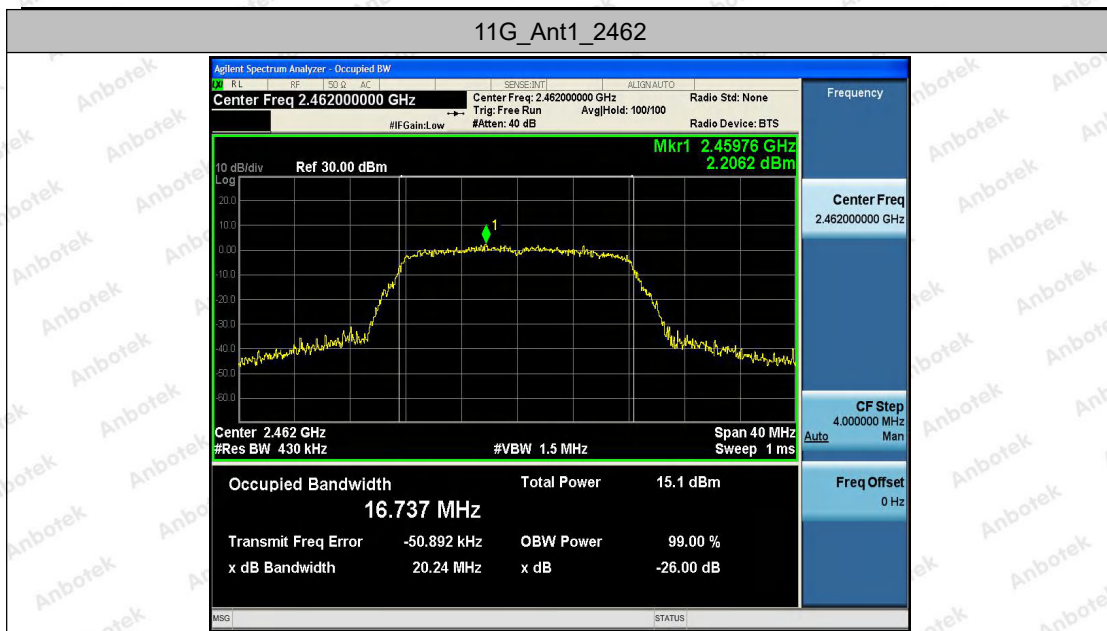


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Appendix C: Maximum conducted output power

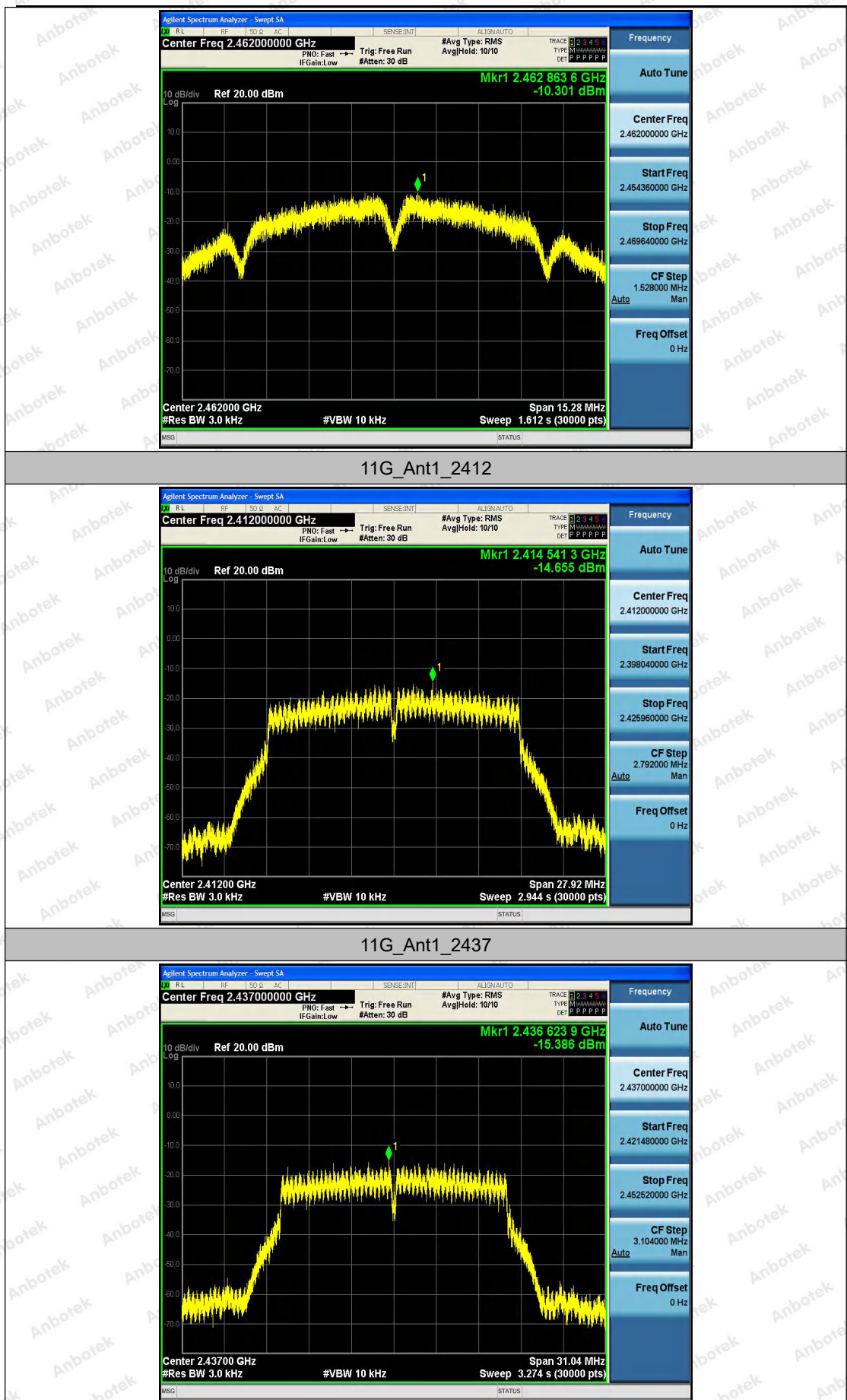
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.85	≤30	PASS
		2437	14.98	≤30	PASS
		2462	15.12	≤30	PASS
11G	Ant1	2412	15.93	≤30	PASS
		2437	16.10	≤30	PASS
		2462	16.15	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.42	≤8	PASS
		2437	-10.04	≤8	PASS
		2462	-10.3	≤8	PASS
11G	Ant1	2412	-14.66	≤8	PASS
		2437	-15.39	≤8	PASS
		2462	-14.75	≤8	PASS

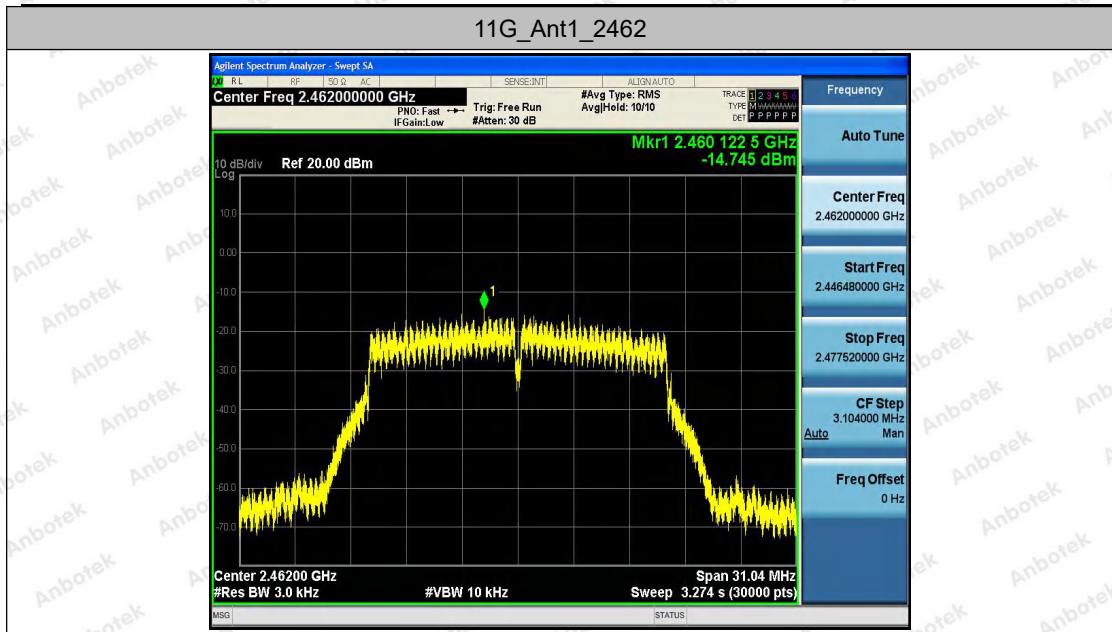


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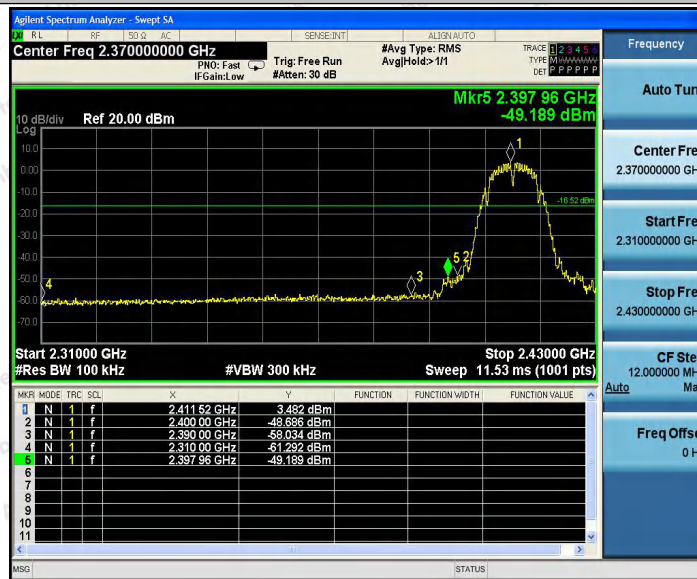
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	-3.48	-49.19	≤ -16.52	PASS
		High	2462	4.12	-54.46	≤ -15.88	PASS
11G	Ant1	Low	2412	-1.47	-43.58	≤ -21.47	PASS
		High	2462	-1.40	-54.05	≤ -21.4	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



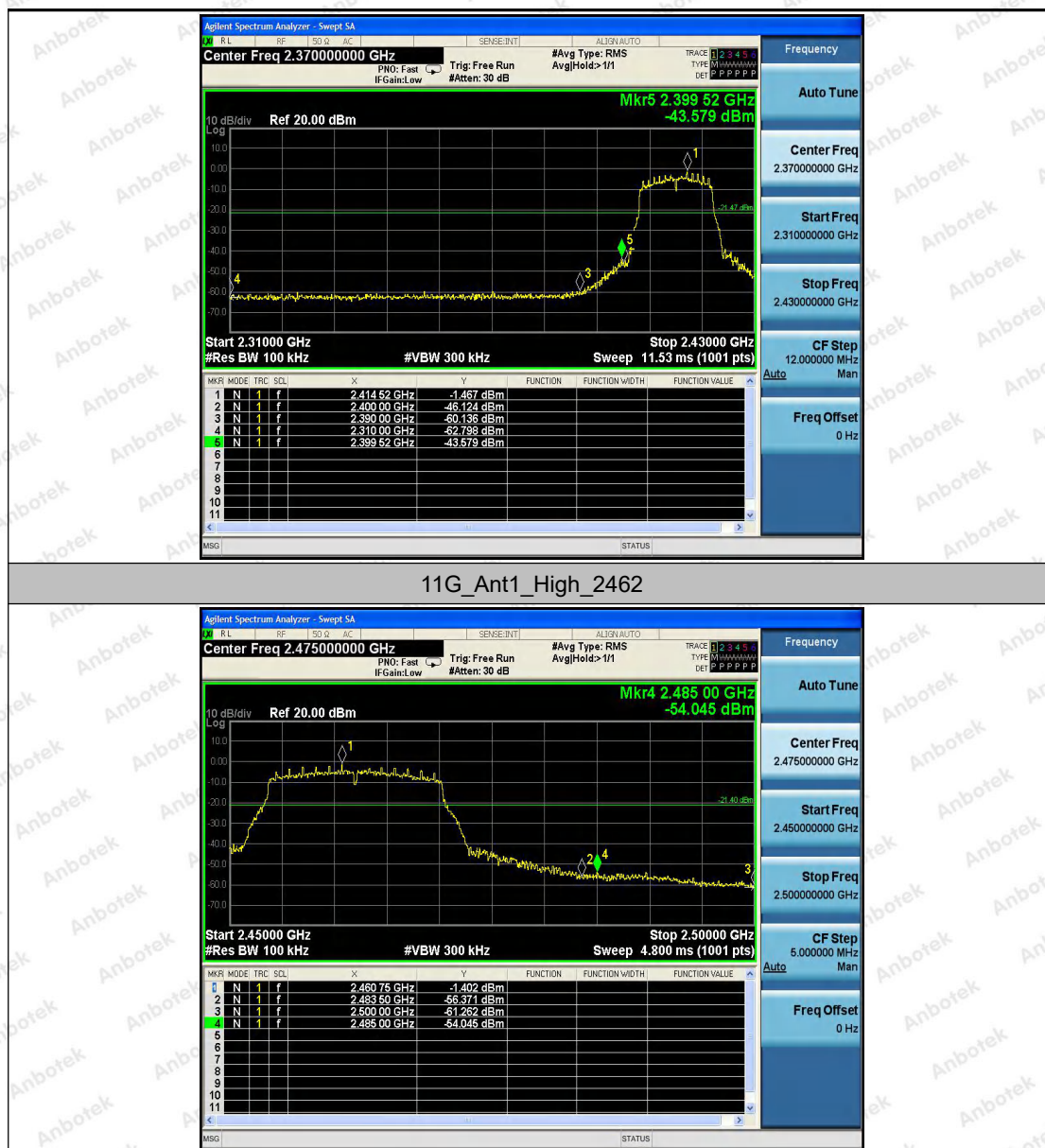
11G_Ant1_Low_2412

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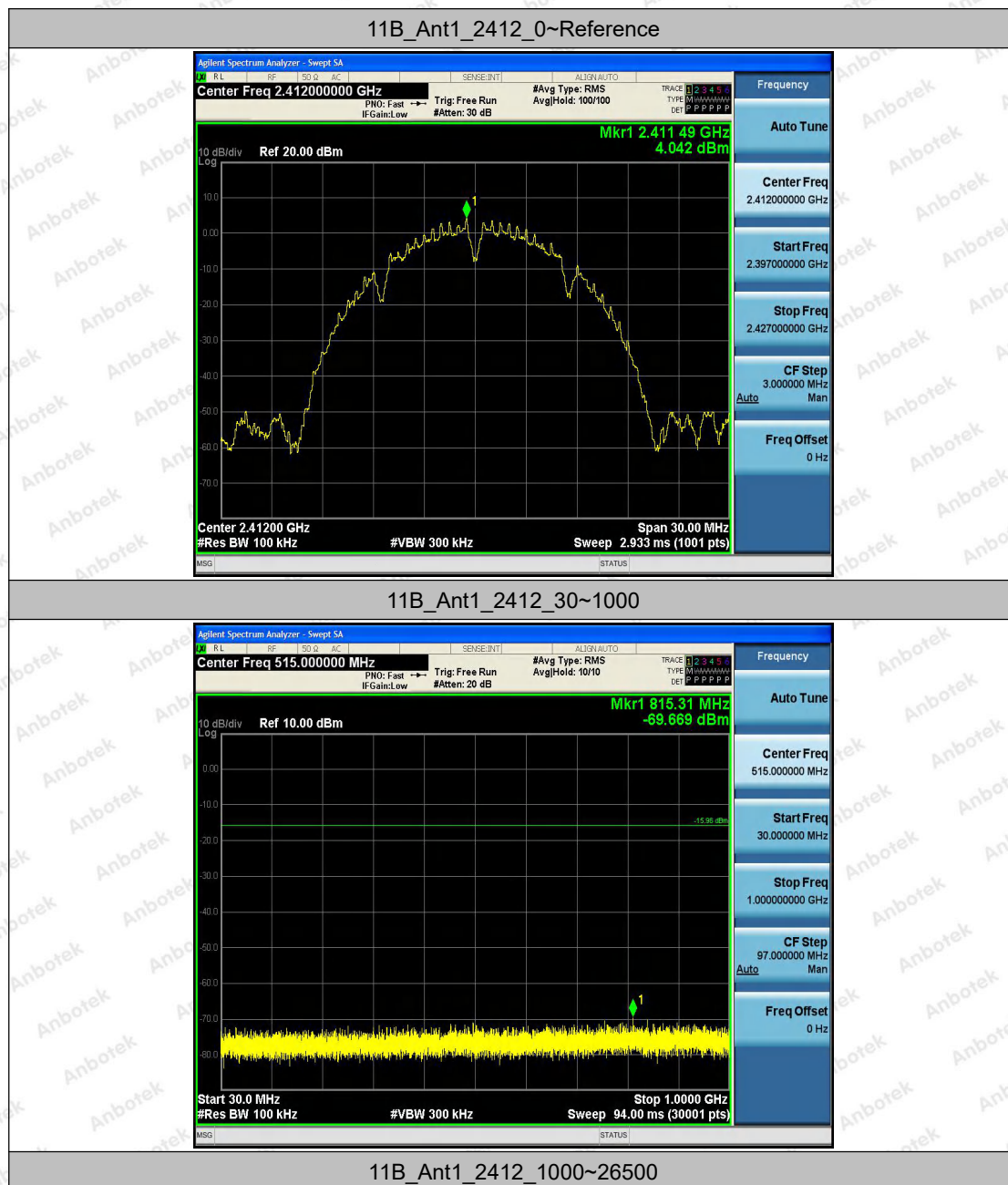
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.04	4.04	---	PASS
			30~1000	4.04	-69.67	≤-15.96	PASS
			1000~26500	4.04	-51.5	≤-15.96	PASS
		2437	Reference	3.11	3.11	---	PASS
			30~1000	3.11	-69.34	≤-16.89	PASS
			1000~26500	3.11	-49.86	≤-16.89	PASS
		2462	Reference	4.09	4.09	---	PASS
			30~1000	4.09	-68.96	≤-15.91	PASS
			1000~26500	4.09	-52.42	≤-15.91	PASS
11G	Ant1	2412	Reference	-1.85	-1.85	---	PASS
			30~1000	-1.85	-70.13	≤-21.85	PASS
			1000~26500	-1.85	-54.97	≤-21.85	PASS
		2437	Reference	-1.94	-1.94	---	PASS
			30~1000	-1.94	-68.96	≤-21.94	PASS
			1000~26500	-1.94	-55.79	≤-21.94	PASS
		2462	Reference	-2.45	-2.45	---	PASS
			30~1000	-2.45	-70.17	≤-22.45	PASS
			1000~26500	-2.45	-55.2	≤-22.45	PASS

Test Graphs

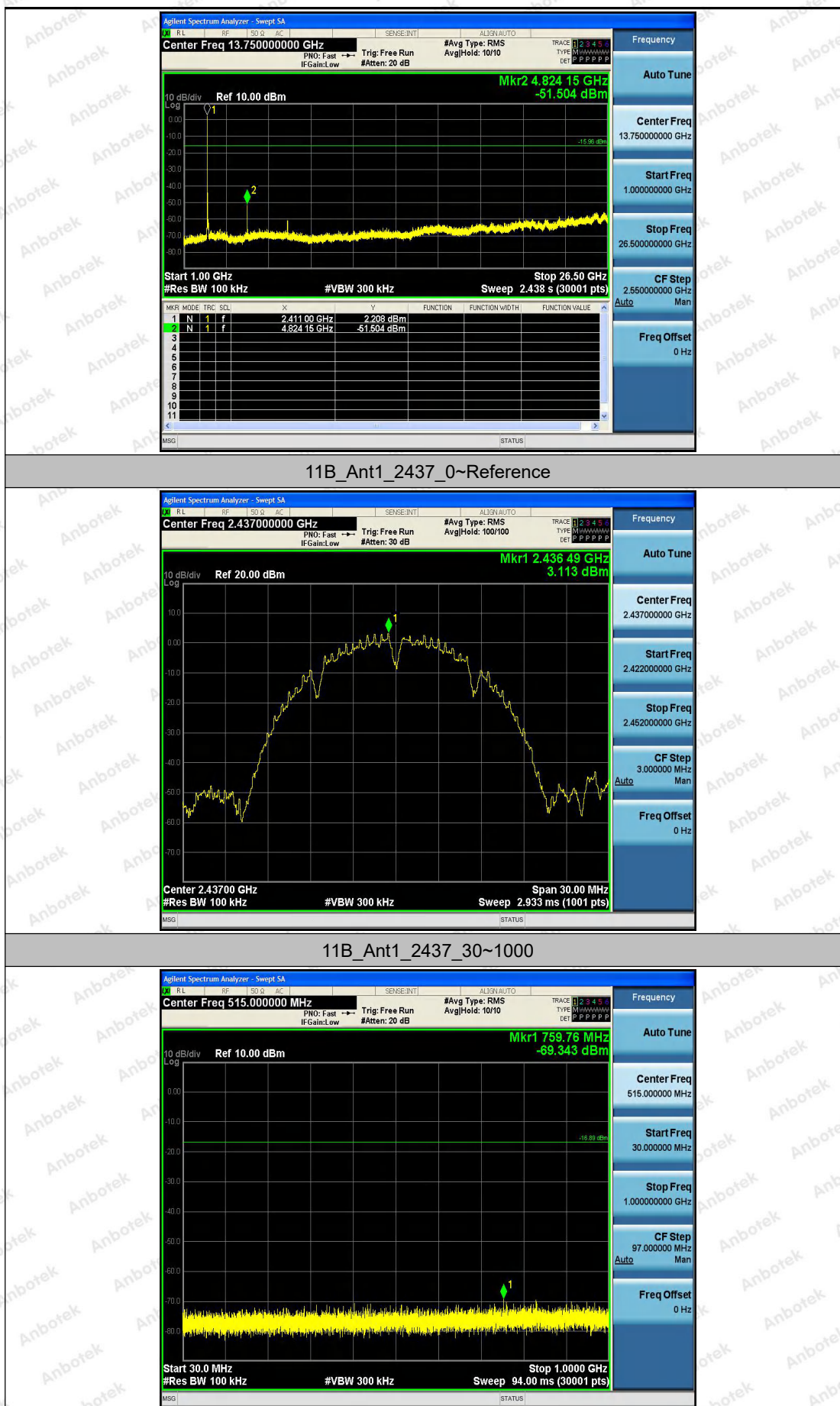


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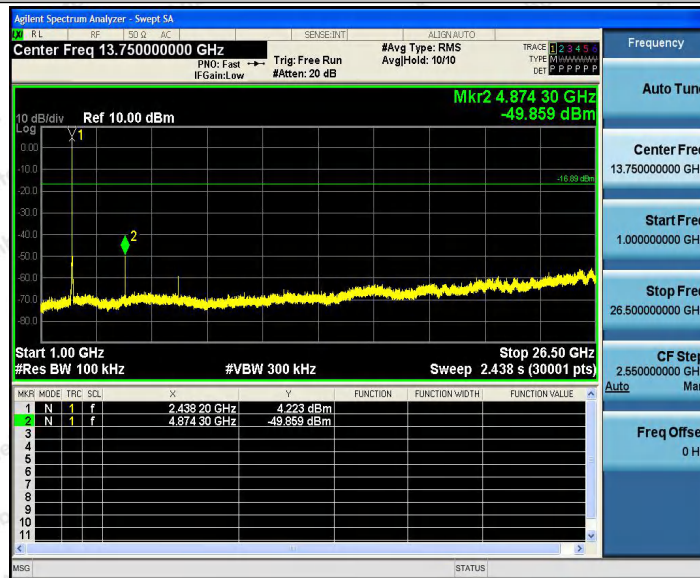
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11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



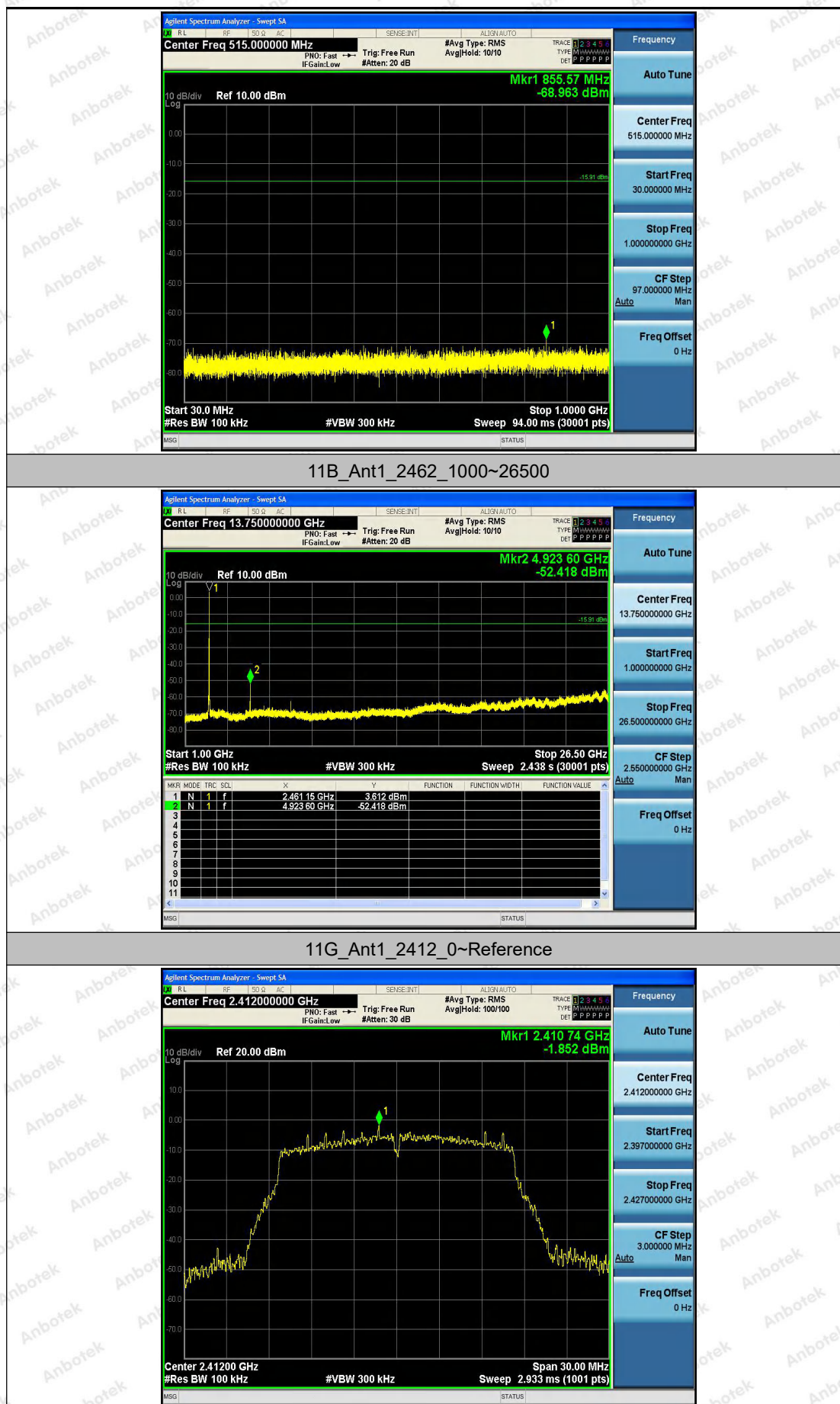
11B_Ant1_2462_30~1000

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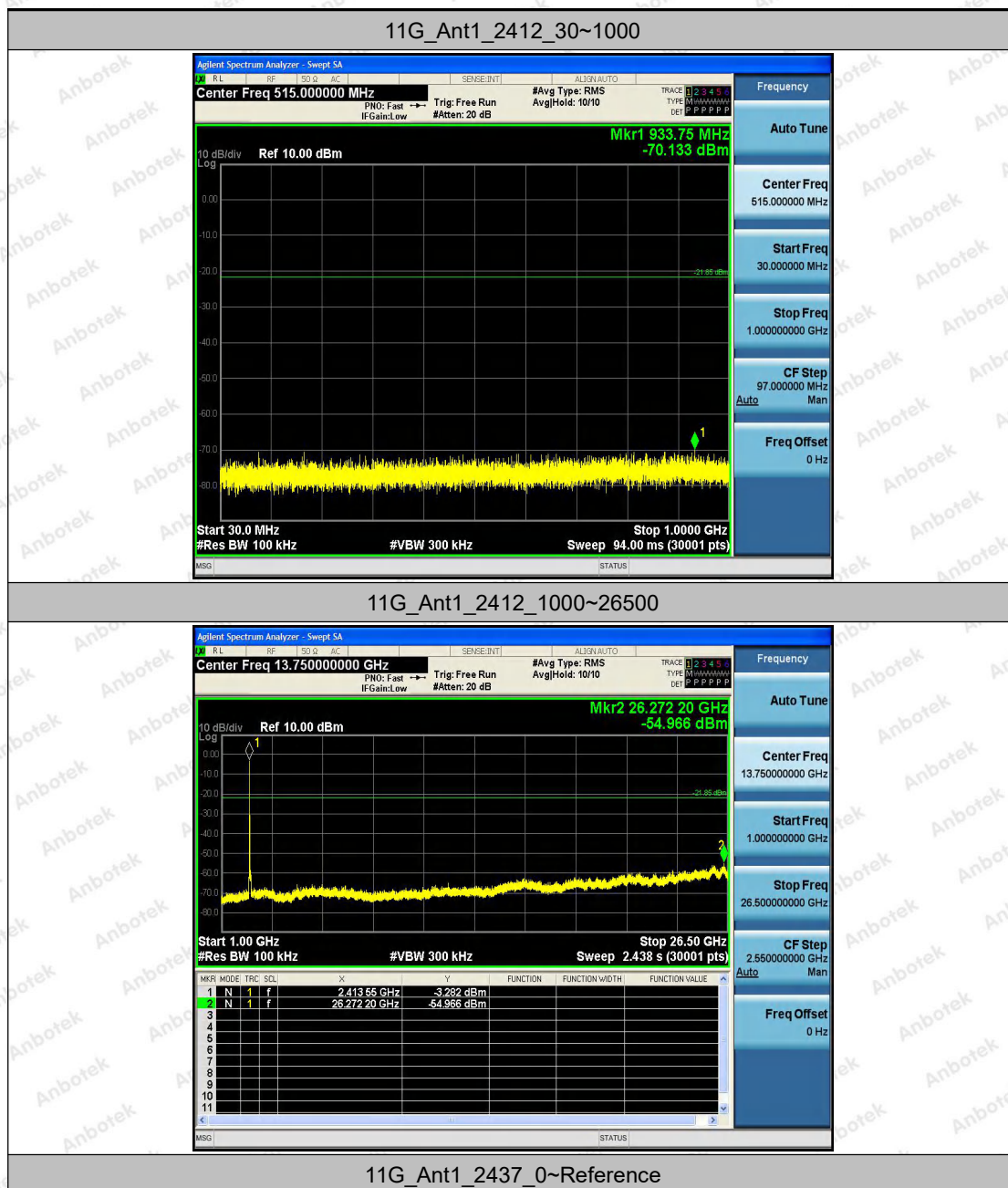


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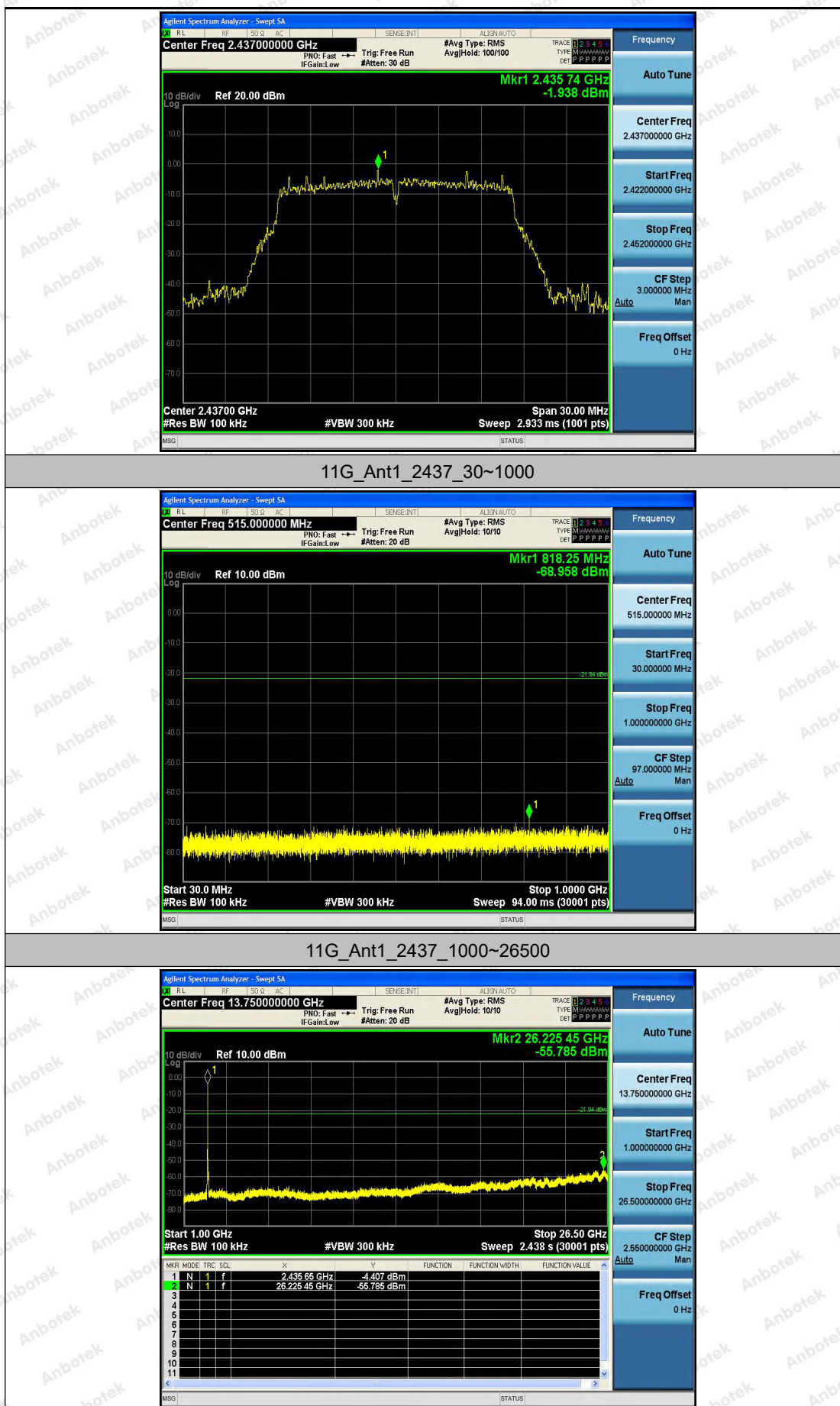


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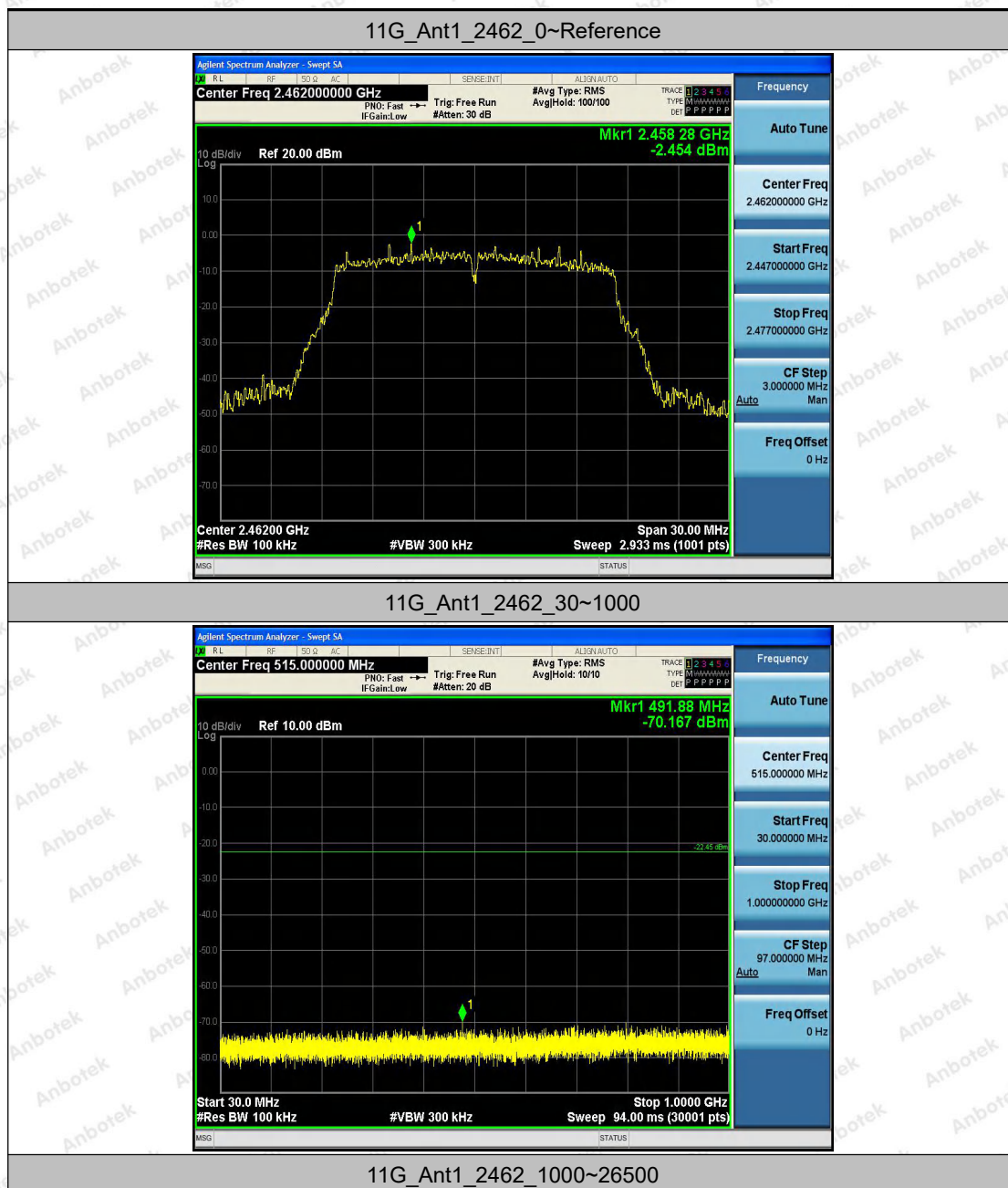


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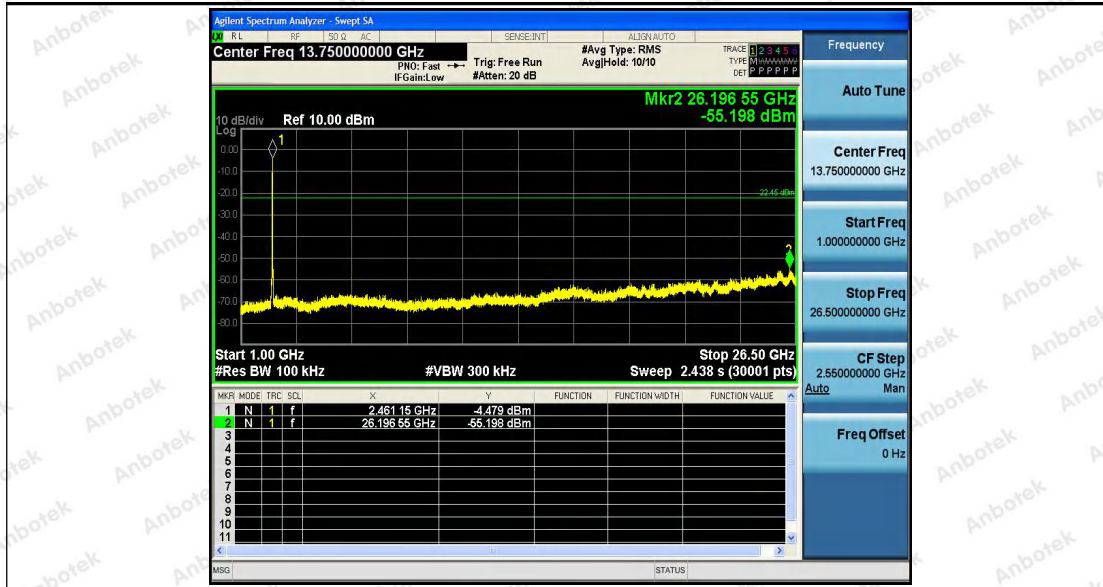
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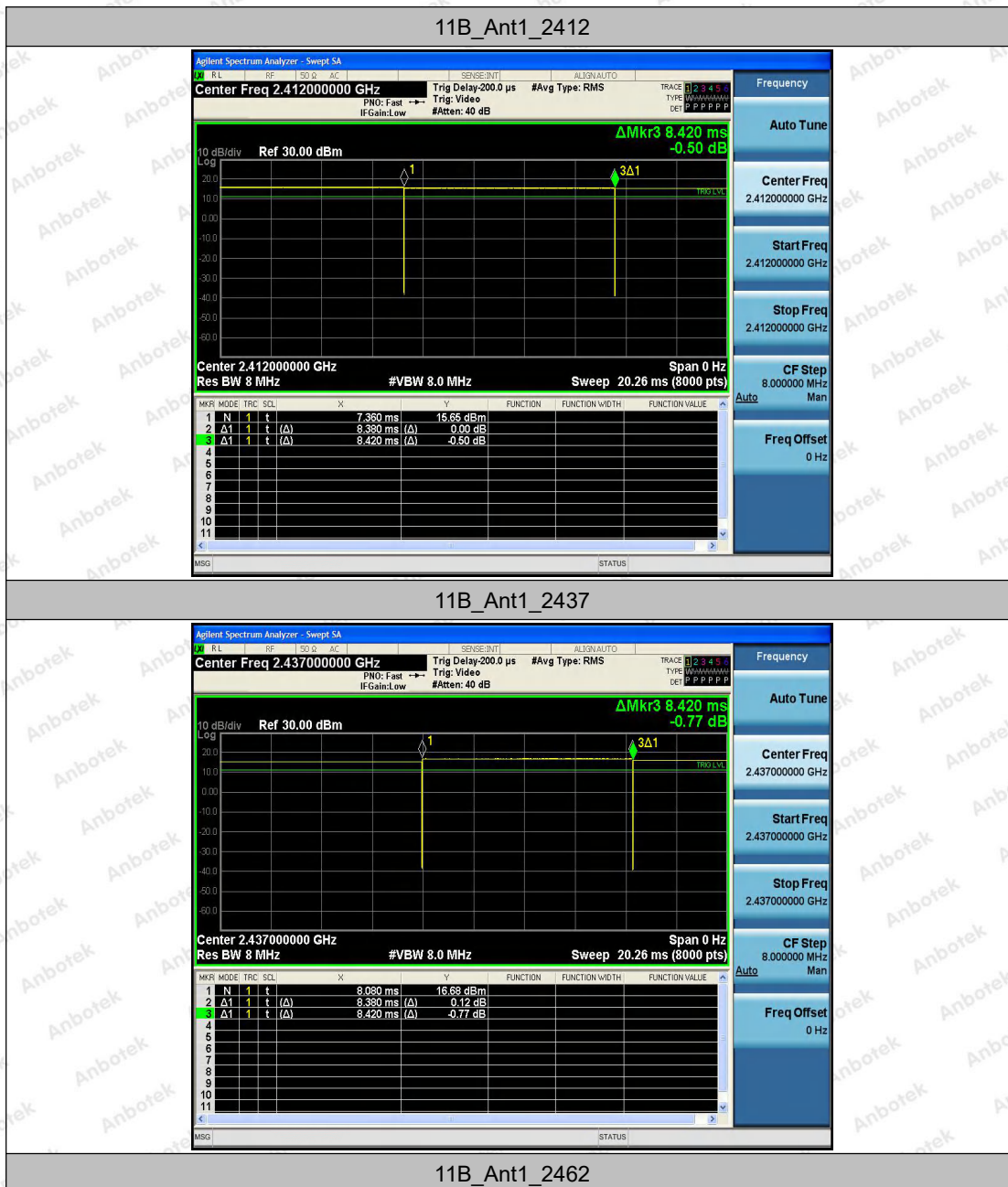
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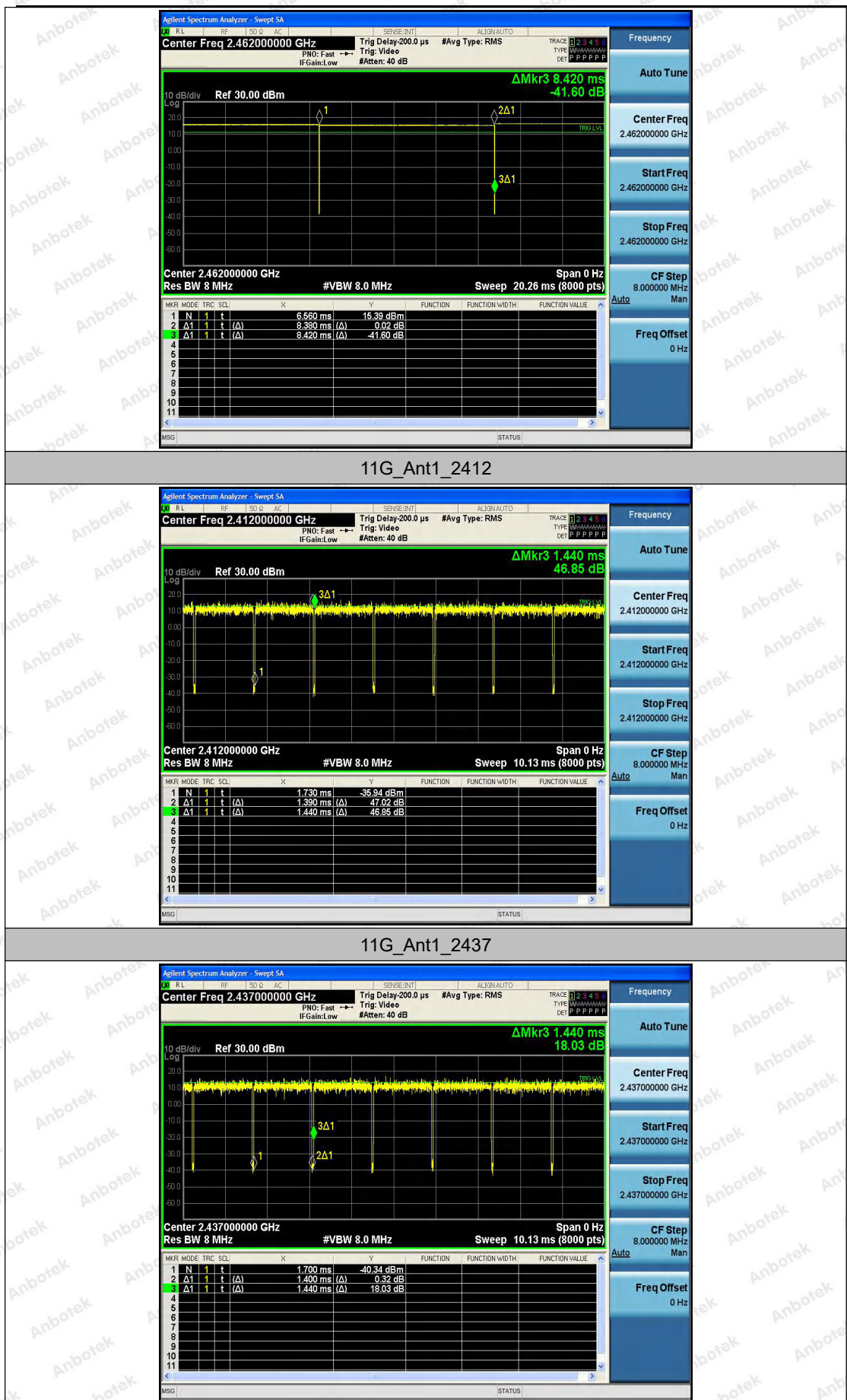
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.42	99.52	---	PASS
		2437	8.38	8.42	99.52	---	PASS
		2462	8.38	8.42	99.52	---	PASS
11G	Ant1	2412	1.39	1.44	96.53	---	PASS
		2437	1.40	1.44	97.22	---	PASS
		2462	1.39	1.43	97.20	---	PASS

Test Graphs



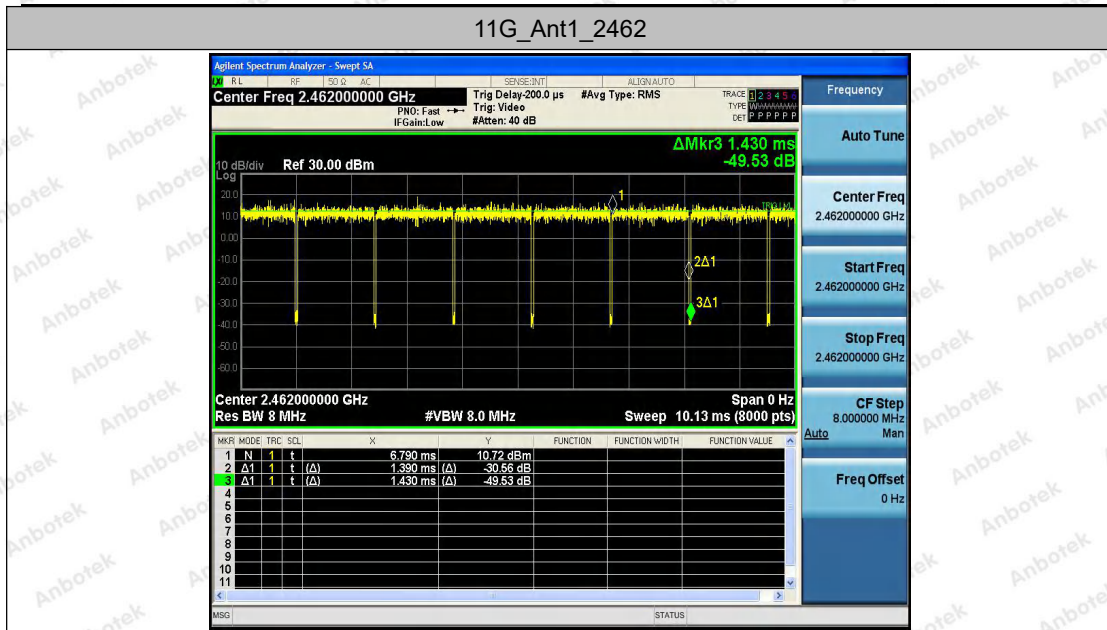


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