

Appendix Test Data

Report No.:	18220WC20028202	Test Sample No.:	1-2-2
Start Test Date:	2022.2.22	Finish Test Date:	2022.2.28
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3C°	Relative Humidity:	56.5 %
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	7.160	2408.880	2416.040	≥0.5	PASS
		2437	7.640	2433.440	2441.080	≥0.5	PASS
		2462	8.160	2457.920	2466.080	≥0.5	PASS
11G	Ant1	2412	11.960	2407.560	2419.520	≥0.5	PASS
		2437	14.760	2429.440	2444.200	≥0.5	PASS
		2462	13.640	2454.680	2468.320	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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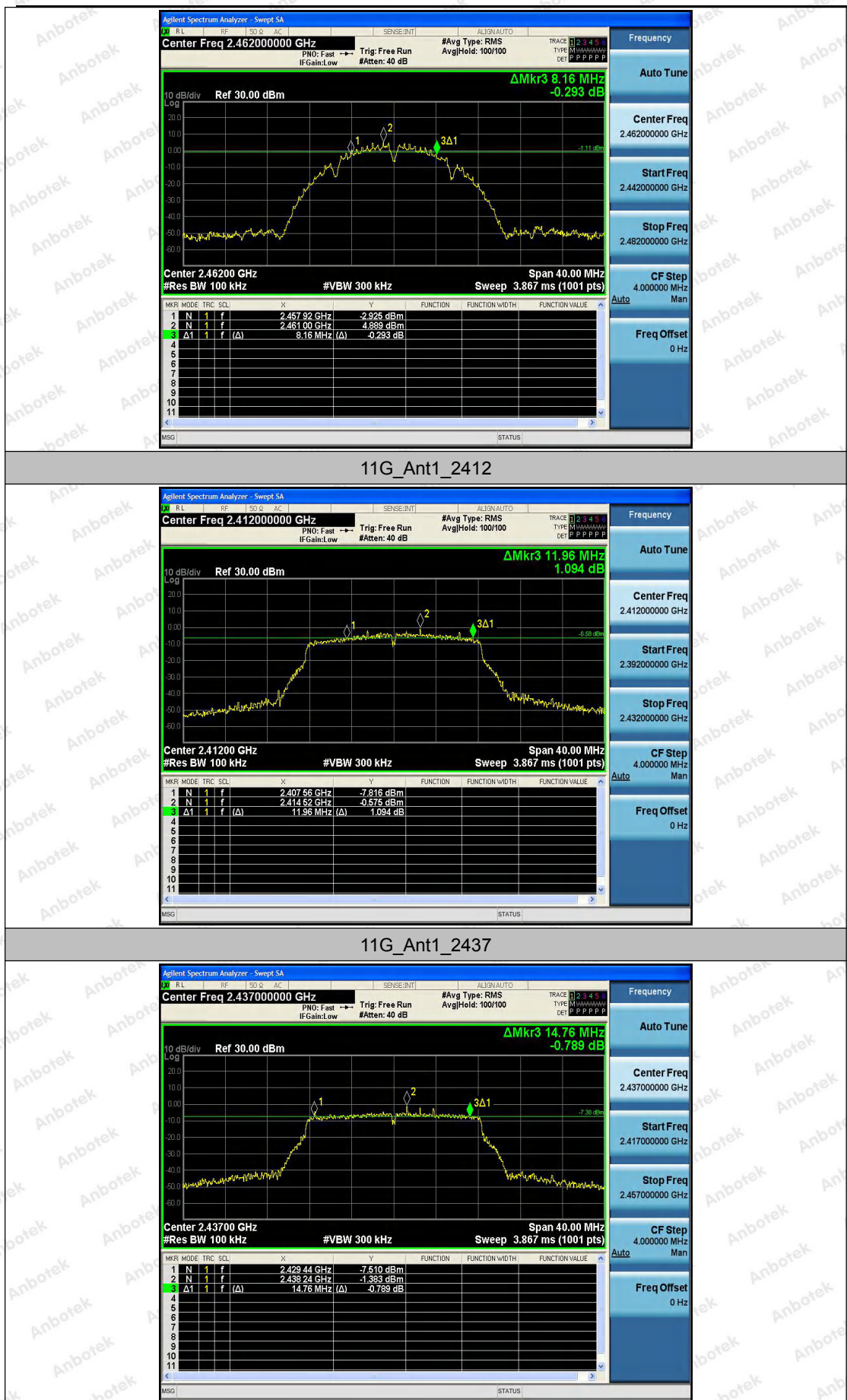
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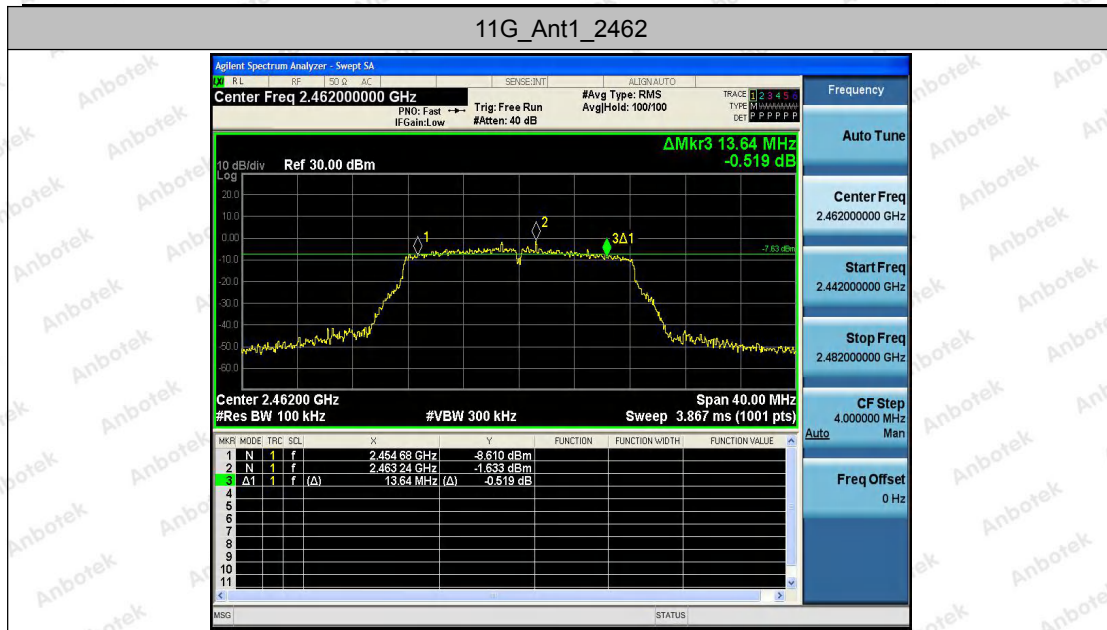


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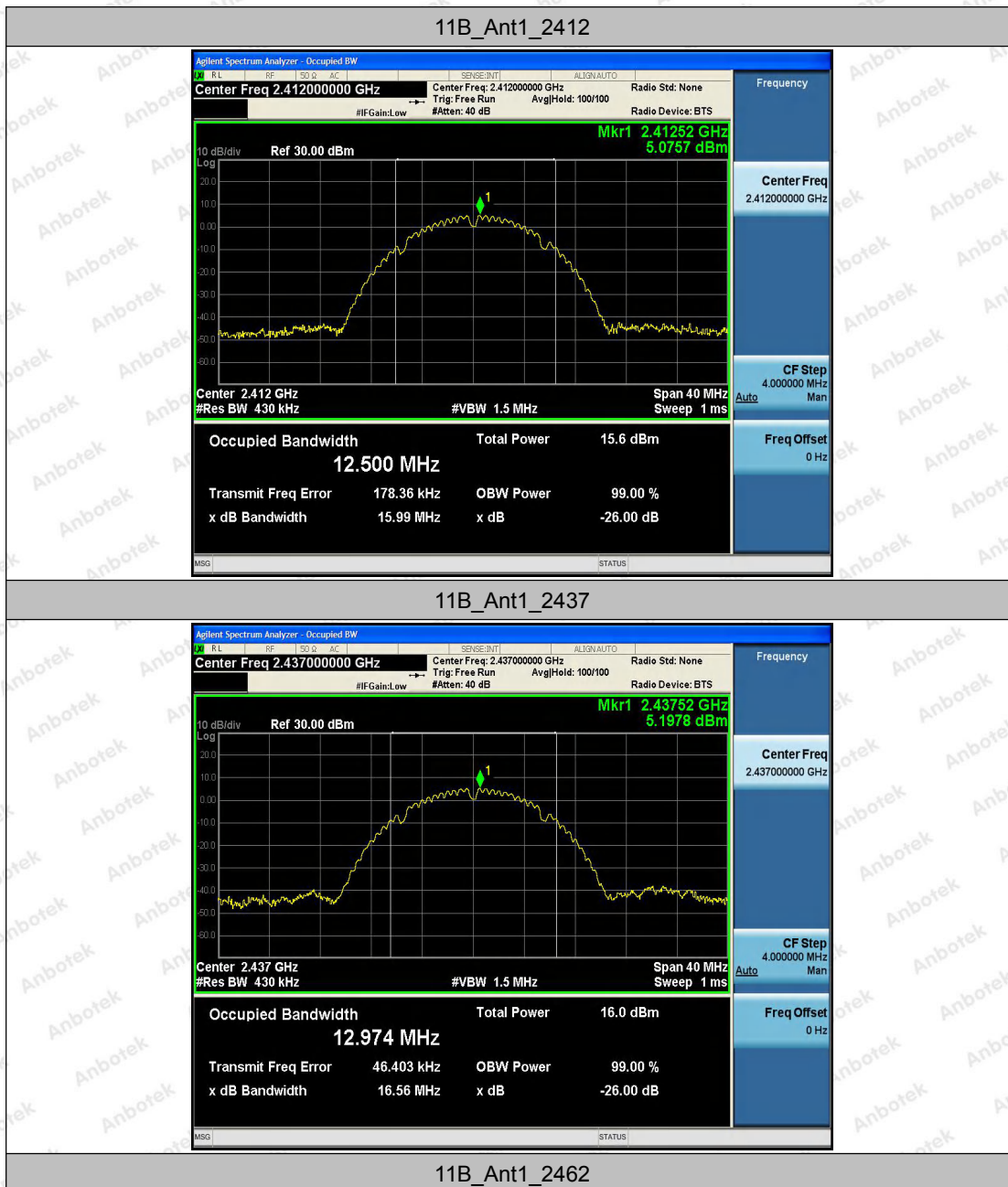
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.500	2405.928	2418.428	---	PASS
		2437	12.974	2430.559	2443.533	---	PASS
		2462	12.714	2455.555	2468.269	---	PASS
11G	Ant1	2412	16.663	2403.785	2420.448	---	PASS
		2437	16.945	2428.547	2445.492	---	PASS
		2462	16.802	2453.577	2470.379	---	PASS

Test Graphs



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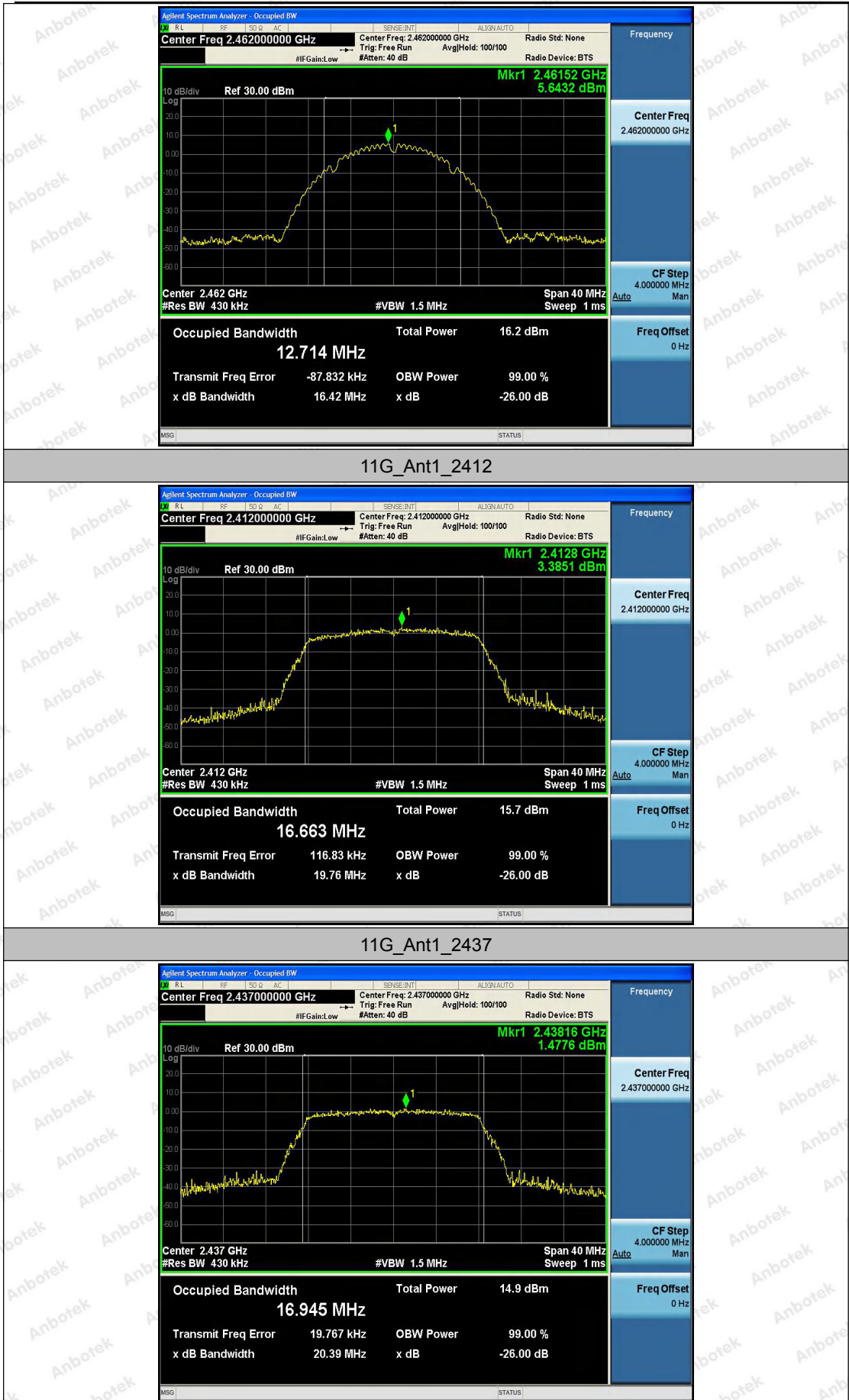
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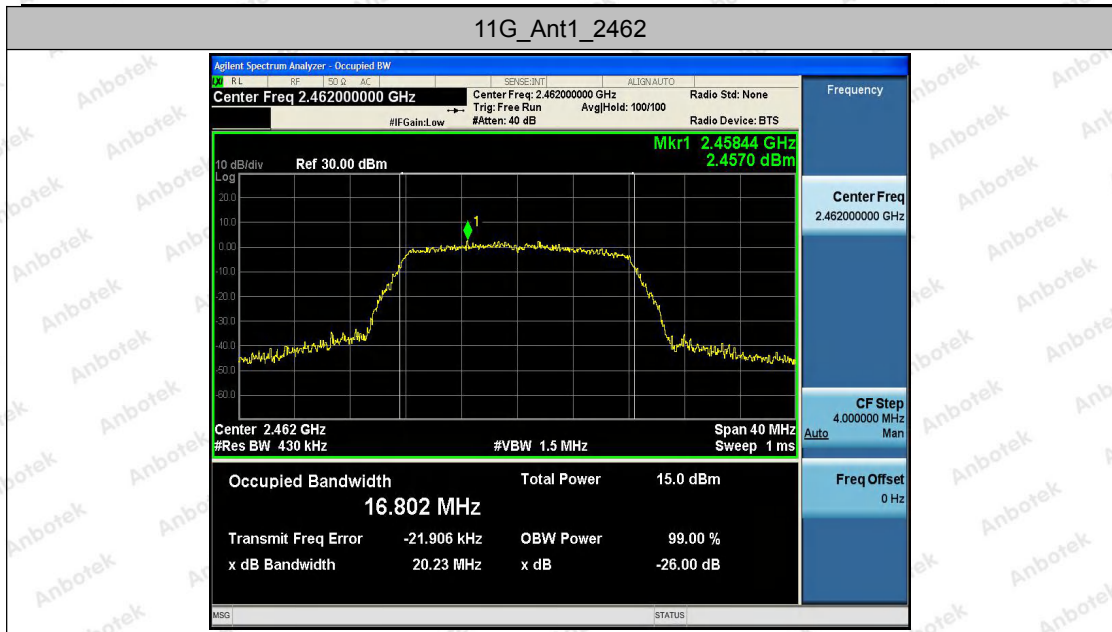


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Appendix C: Maximum conducted output power

Test Result

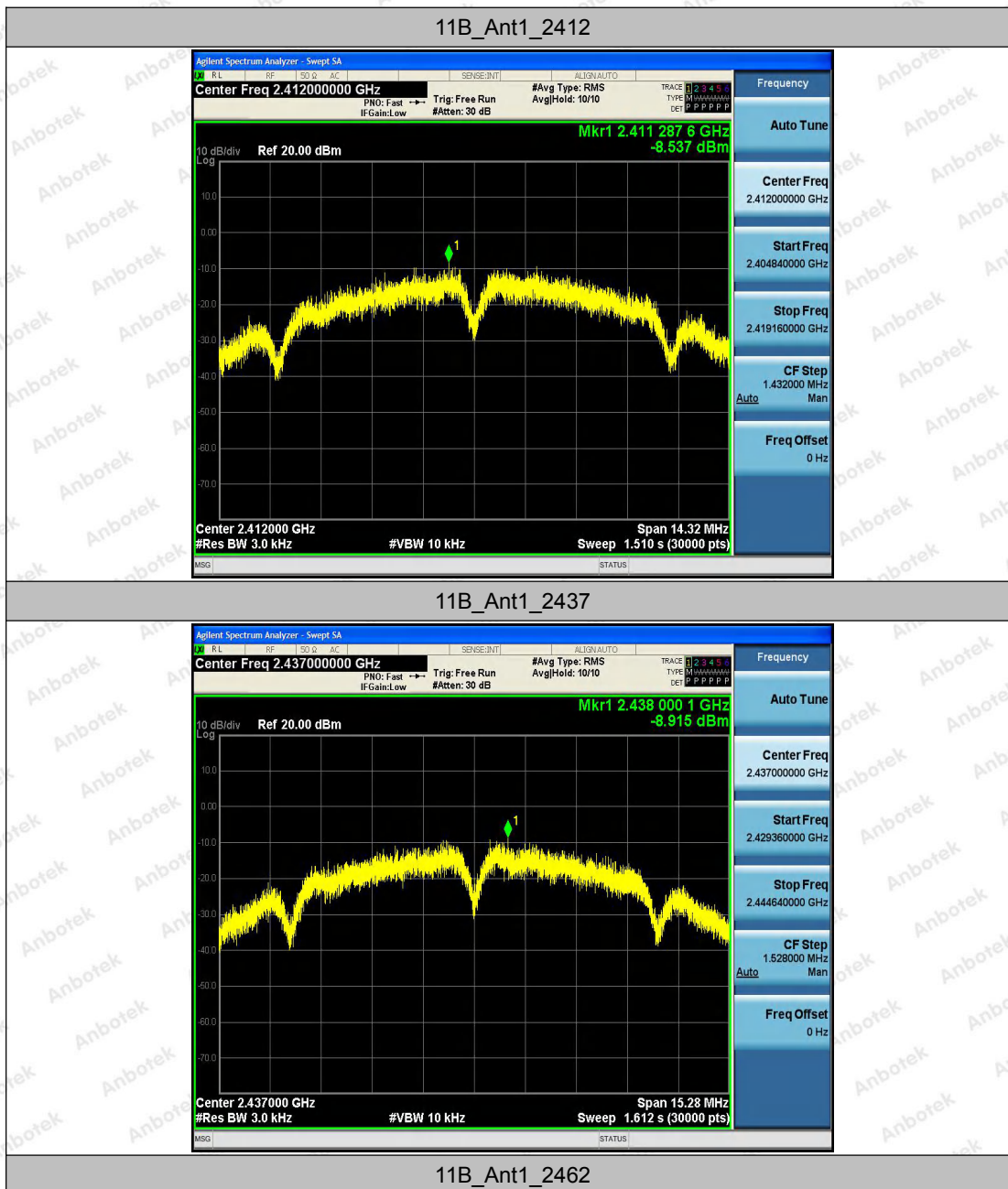
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.56	≤30	PASS
		2437	15.97	≤30	PASS
		2462	16.24	≤30	PASS
11G	Ant1	2412	16.91	≤30	PASS
		2437	15.92	≤30	PASS
		2462	16.16	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

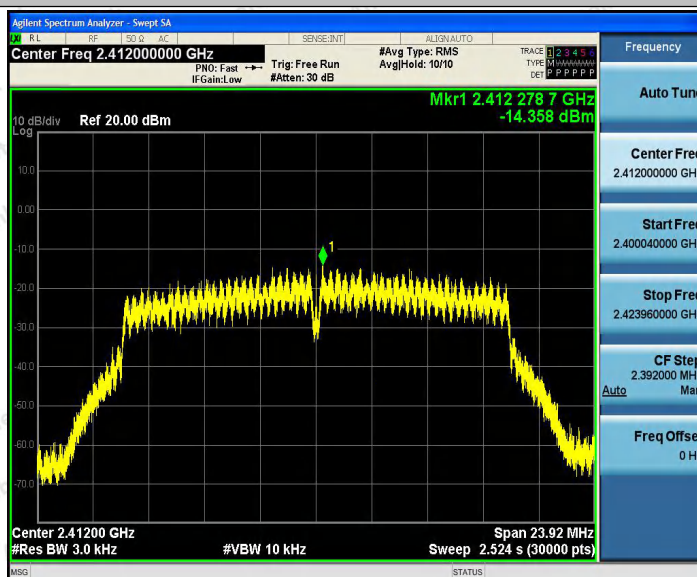
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.54	≤8	PASS
		2437	-8.92	≤8	PASS
		2462	-8.39	≤8	PASS
11G	Ant1	2412	-14.36	≤8	PASS
		2437	-16.01	≤8	PASS
		2462	-15.52	≤8	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437

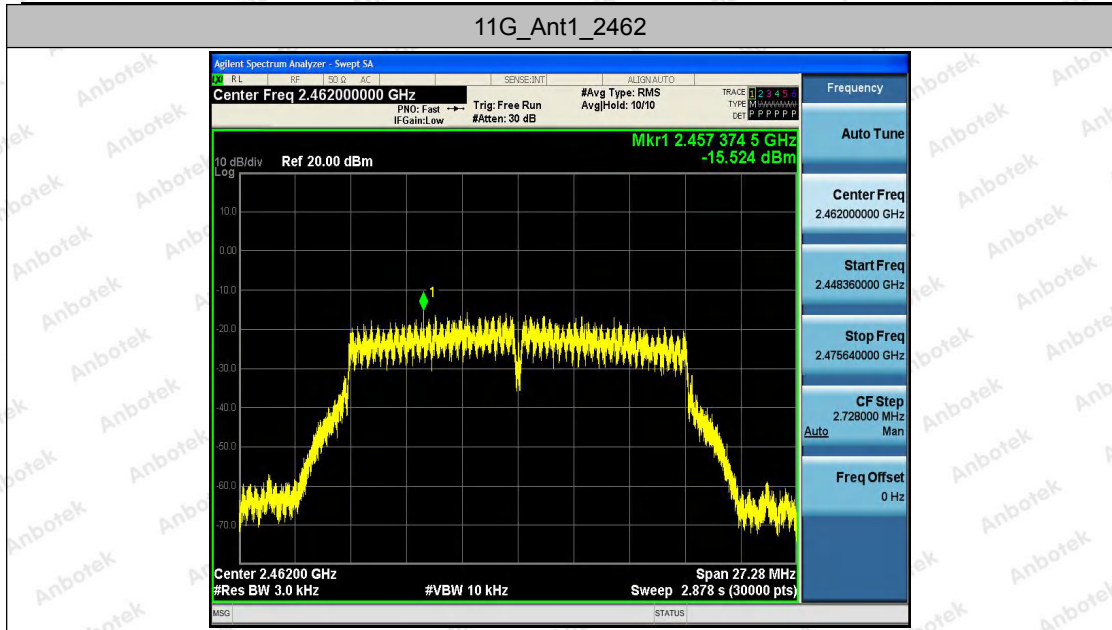


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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.35	-50.85	≤ -15.65	PASS
		High	2462	5.30	-54.69	≤ -14.7	PASS
11G	Ant1	Low	2412	-0.99	-43	≤ -20.99	PASS
		High	2462	-1.22	-54.85	≤ -21.22	PASS

Test Graphs

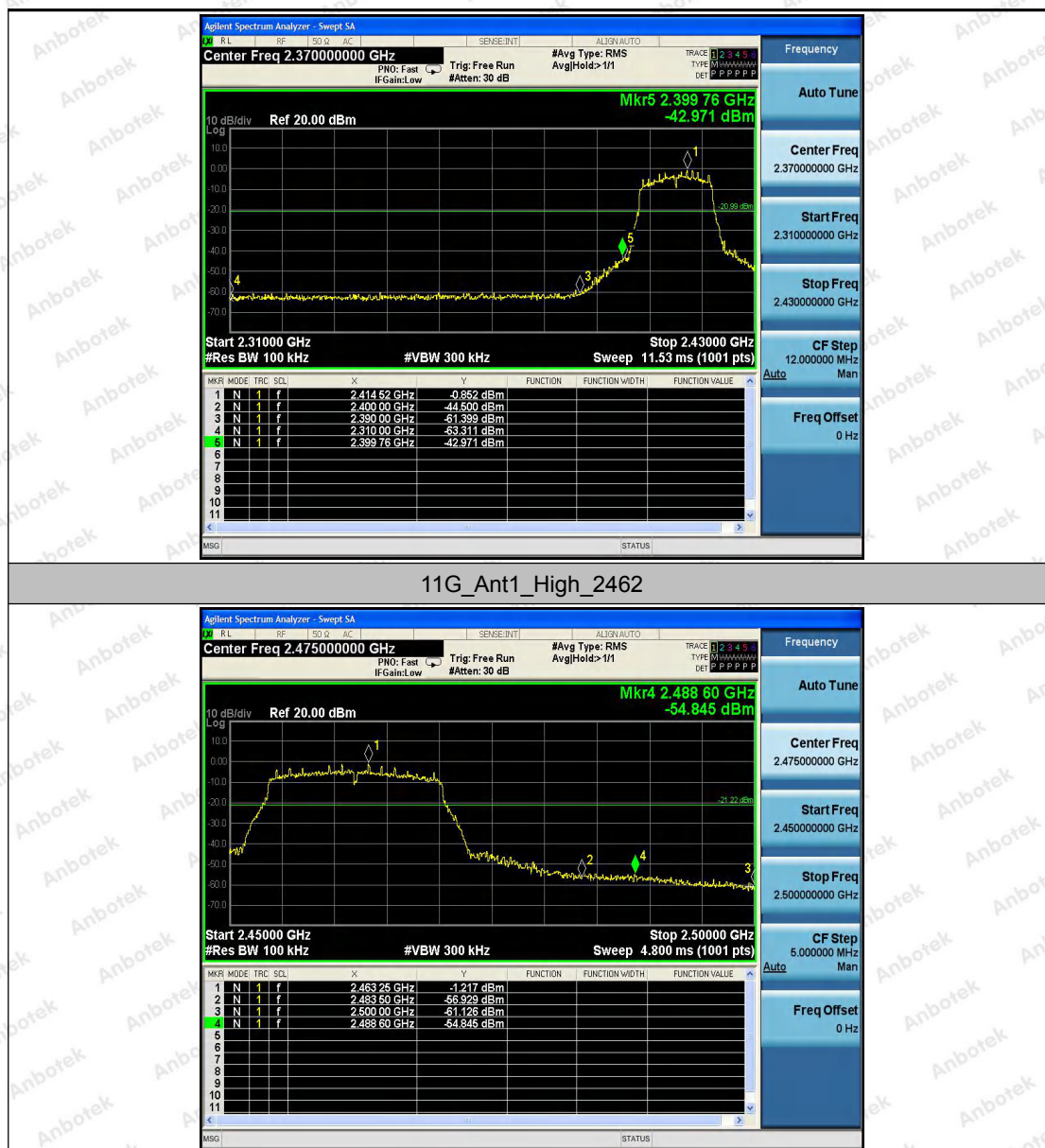


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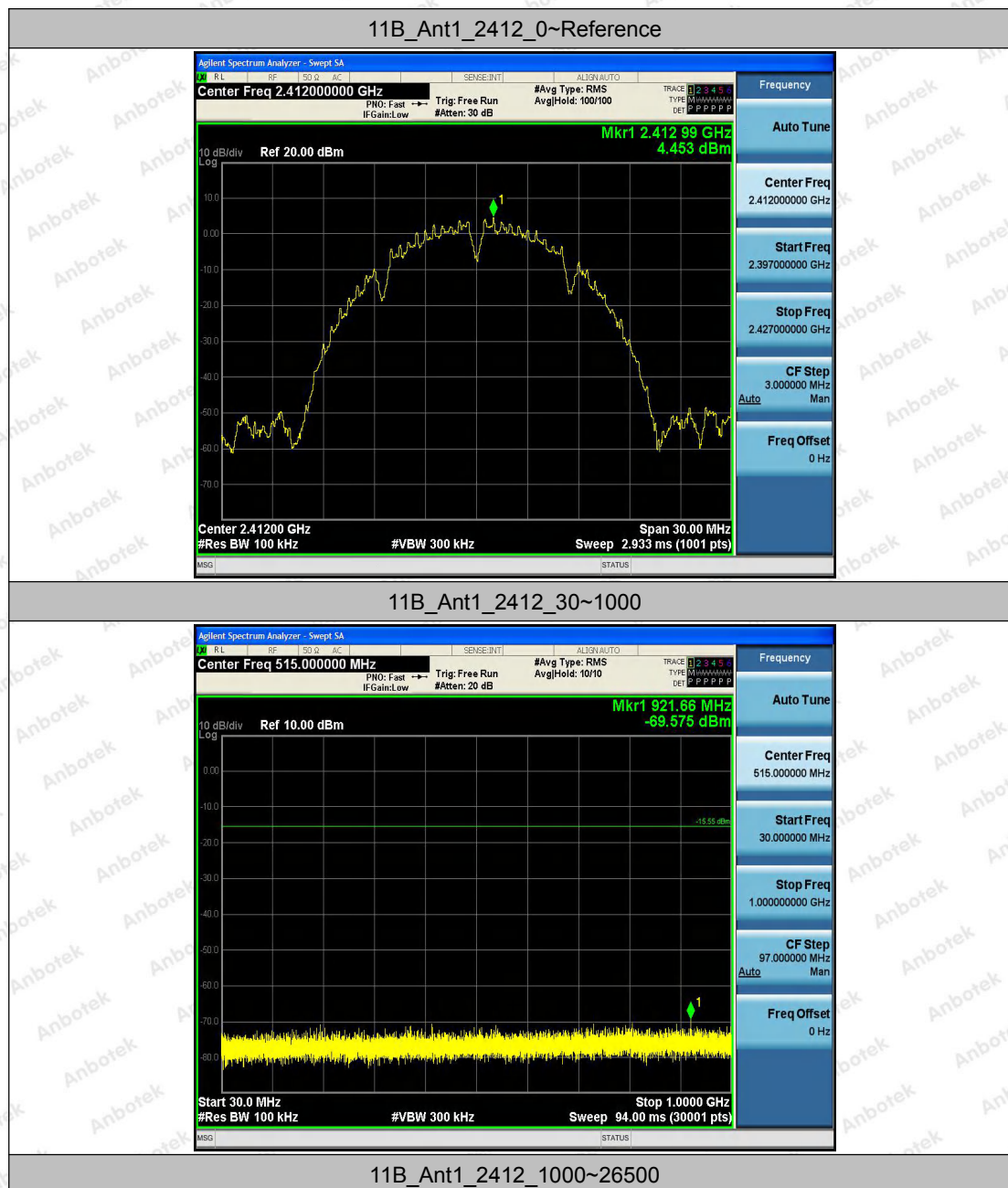
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.45	4.45	---	PASS
			30~1000	4.45	-69.58	≤-15.55	PASS
			1000~26500	4.45	-52.72	≤-15.55	PASS
		2437	Reference	4.88	4.88	---	PASS
			30~1000	4.88	-70.42	≤-15.12	PASS
			1000~26500	4.88	-51.34	≤-15.12	PASS
		2462	Reference	5.10	5.10	---	PASS
			30~1000	5.10	-70.59	≤-14.9	PASS
			1000~26500	5.10	-53.21	≤-14.9	PASS
11G	Ant1	2412	Reference	-1.02	-1.02	---	PASS
			30~1000	-1.02	-70.52	≤-21.02	PASS
			1000~26500	-1.02	-55.18	≤-21.02	PASS
		2437	Reference	-3.34	-3.34	---	PASS
			30~1000	-3.34	-70.58	≤-23.34	PASS
			1000~26500	-3.34	-56.19	≤-23.34	PASS
		2462	Reference	-1.44	-1.44	---	PASS
			30~1000	-1.44	-70.46	≤-21.44	PASS
			1000~26500	-1.44	-56.16	≤-21.44	PASS

Test Graphs



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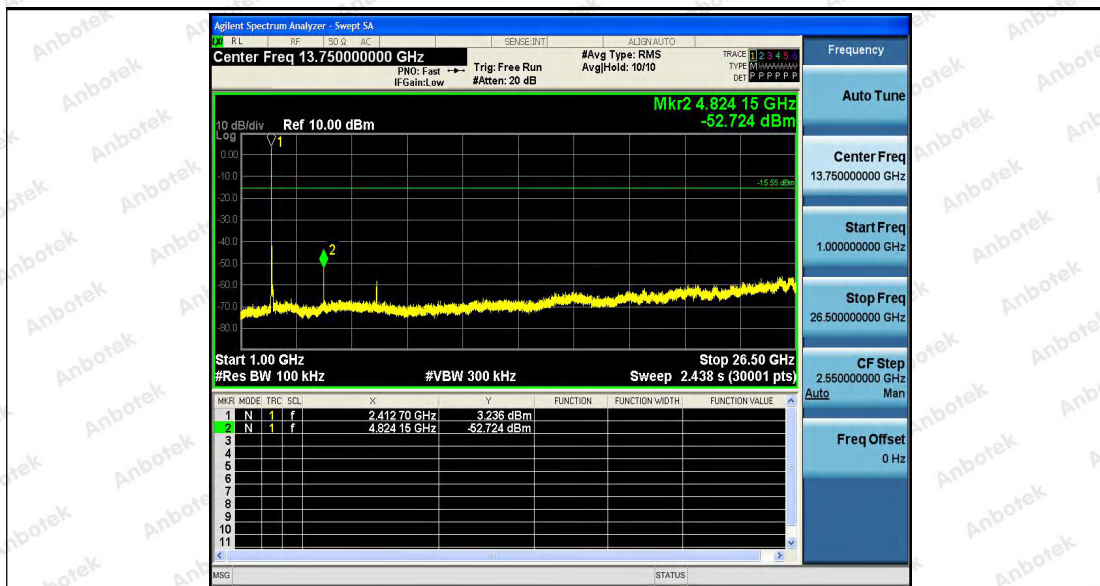
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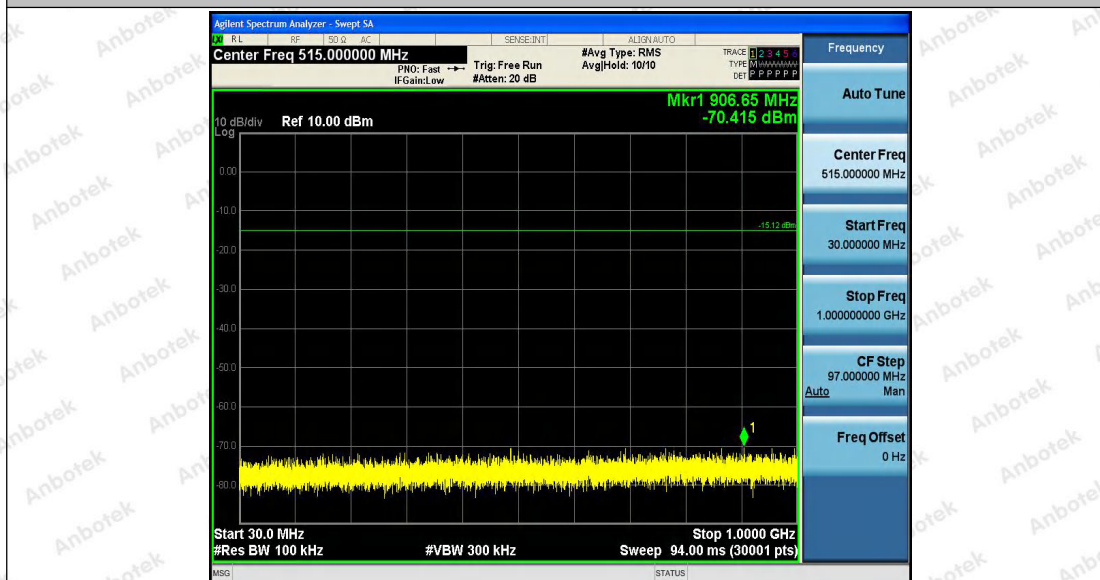
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11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



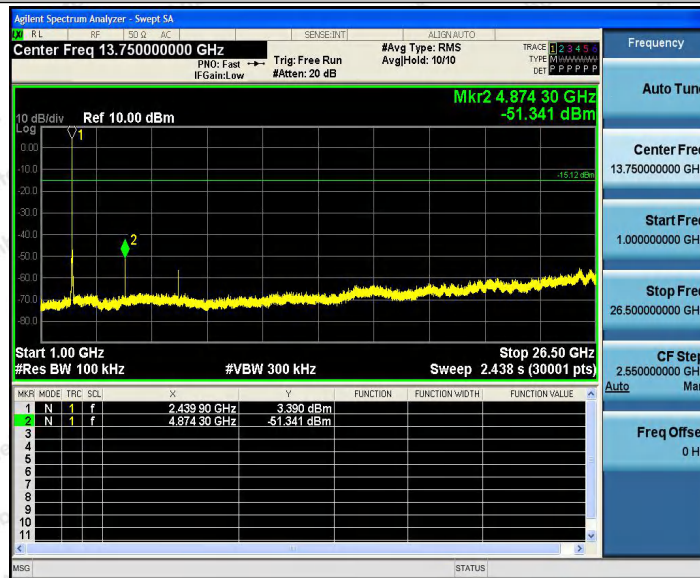
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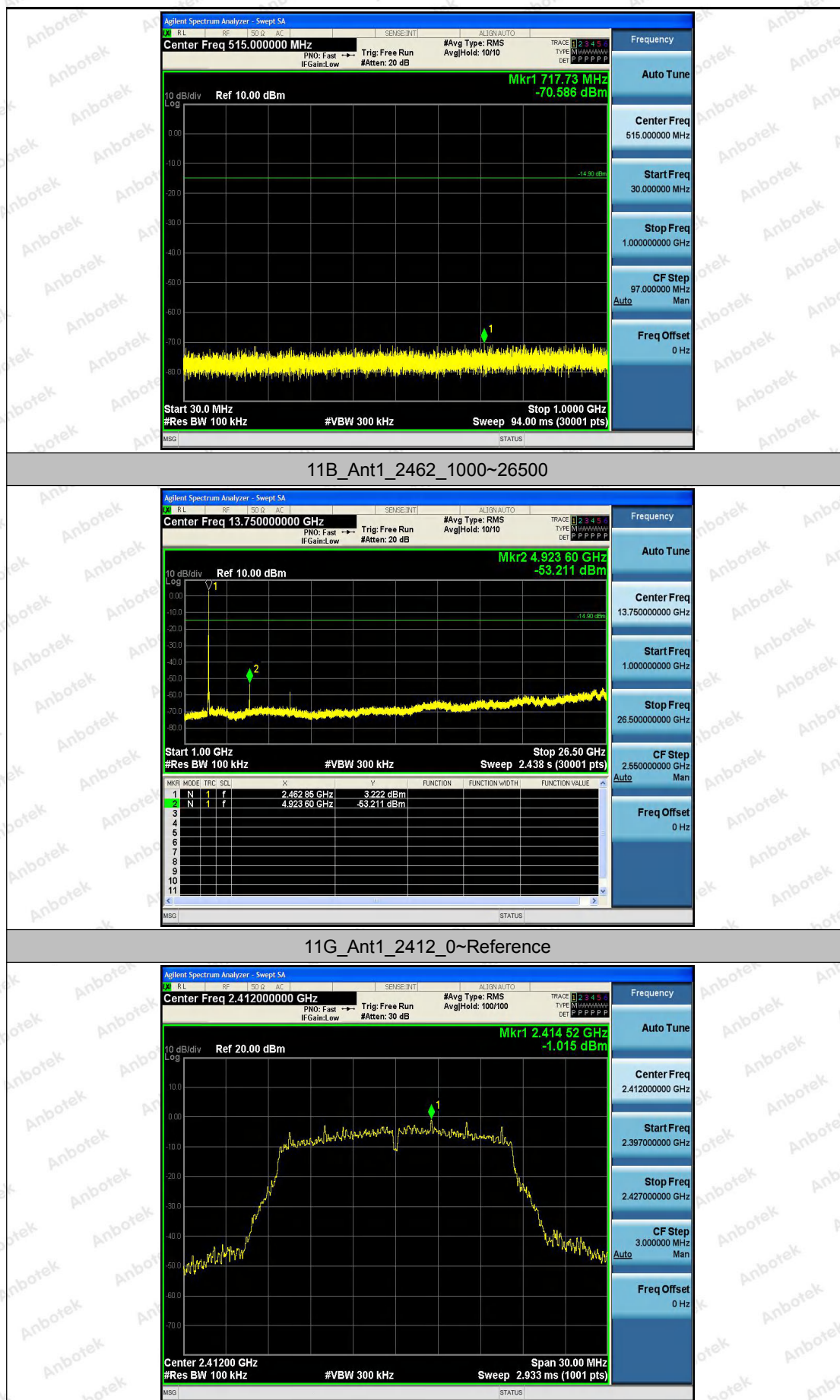
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000

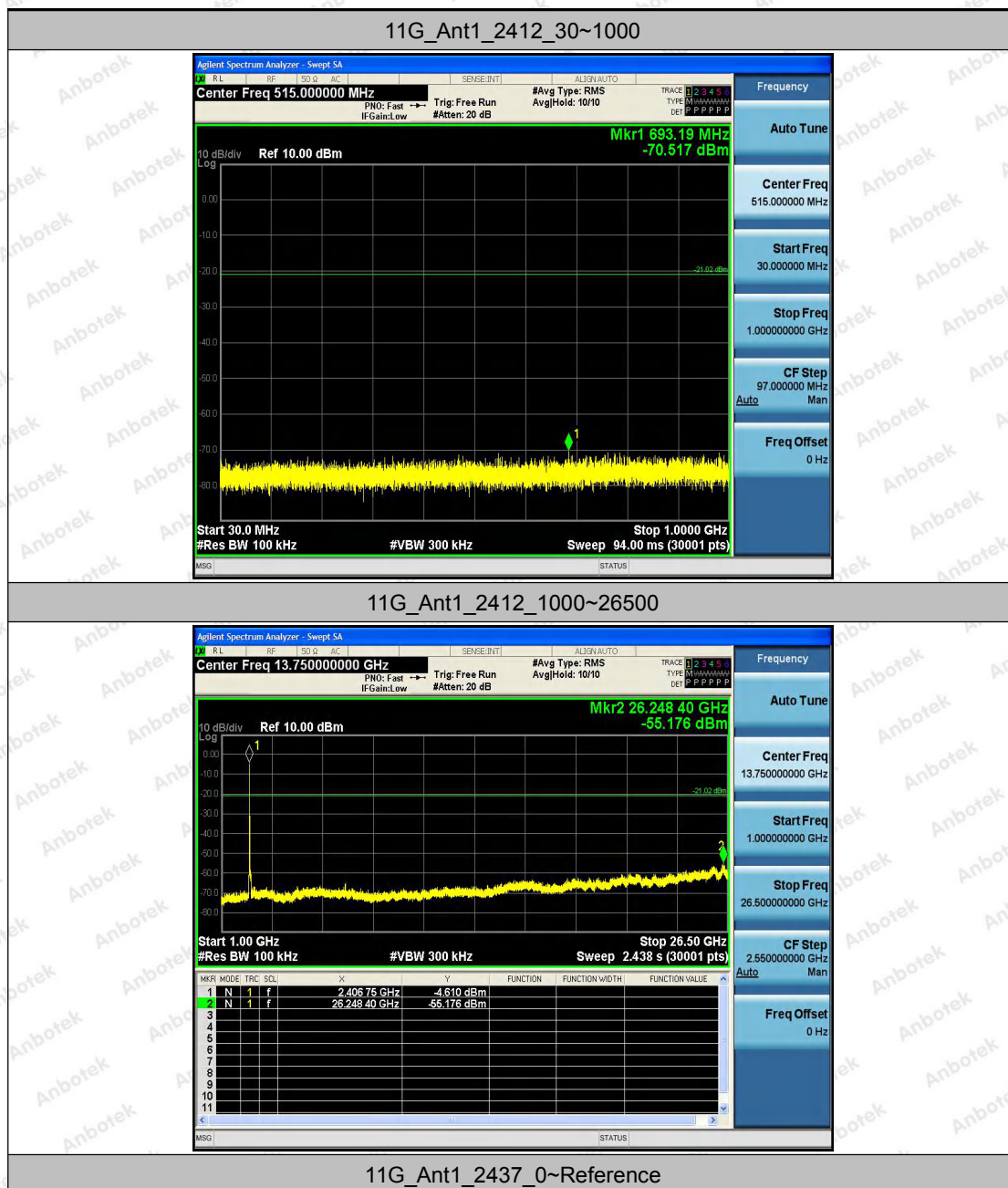


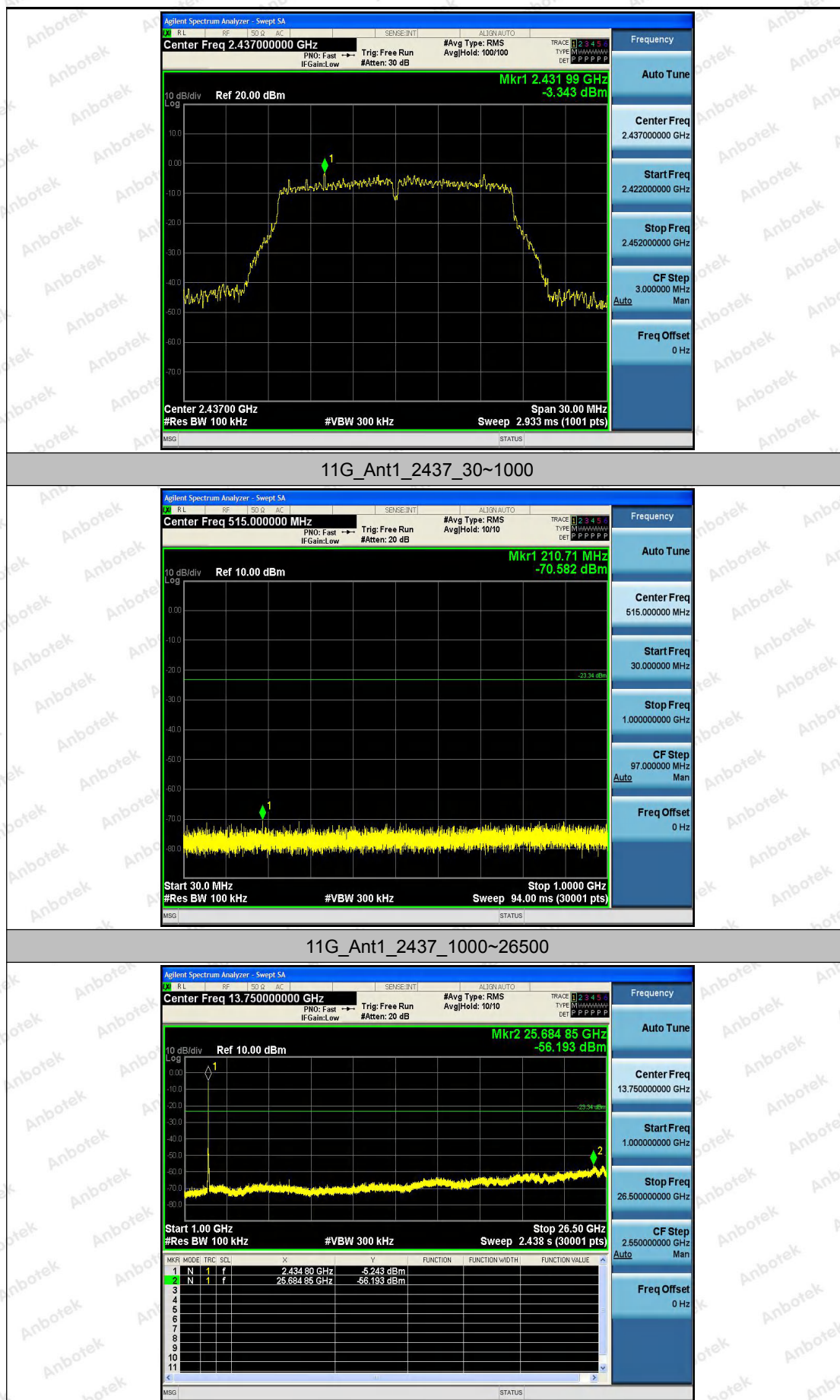
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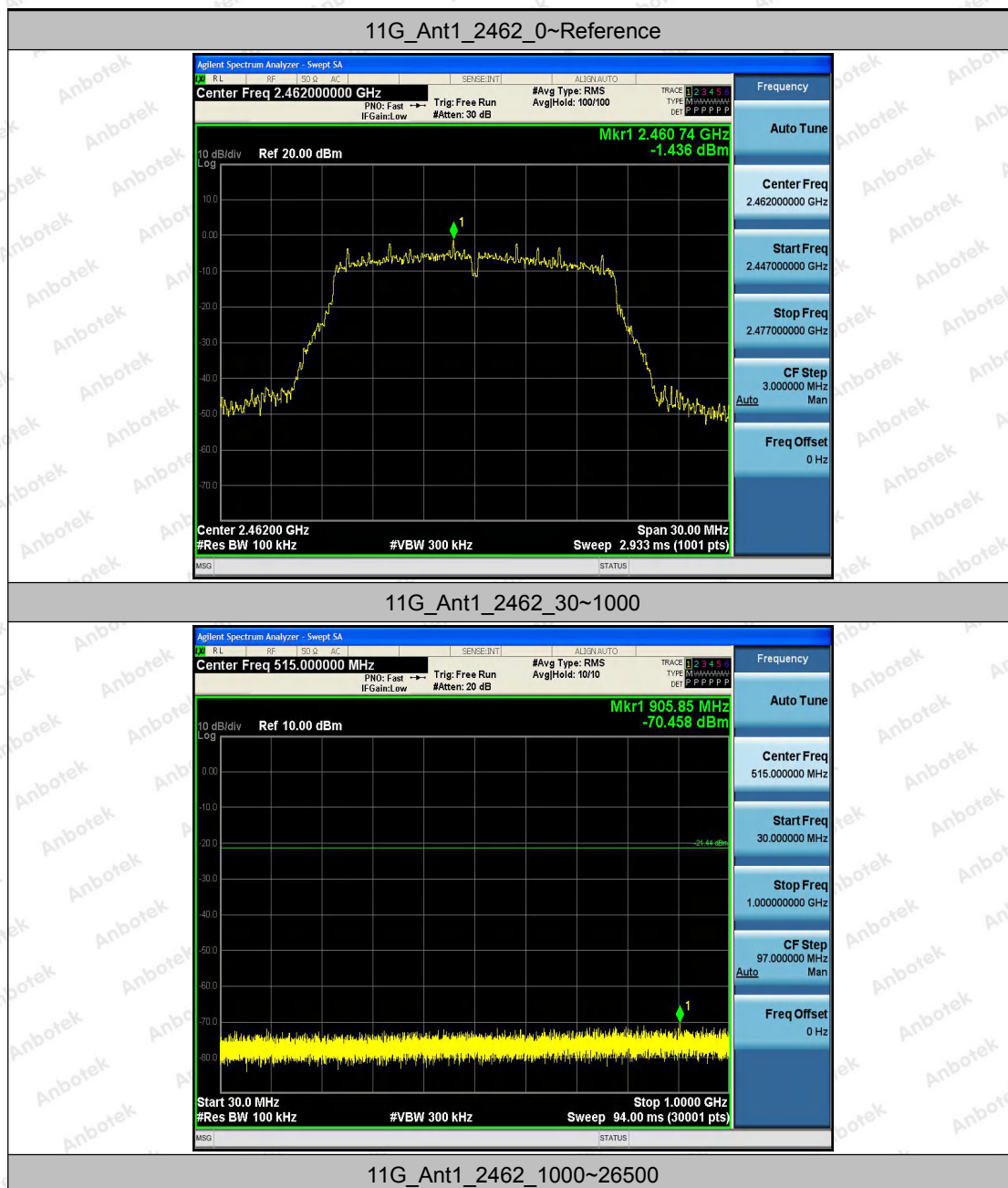


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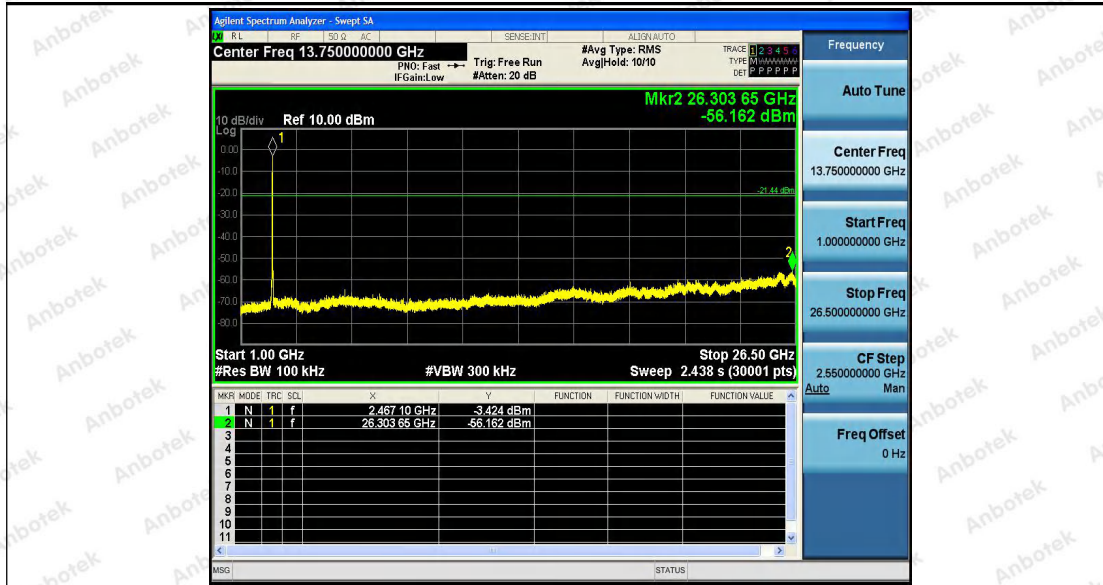


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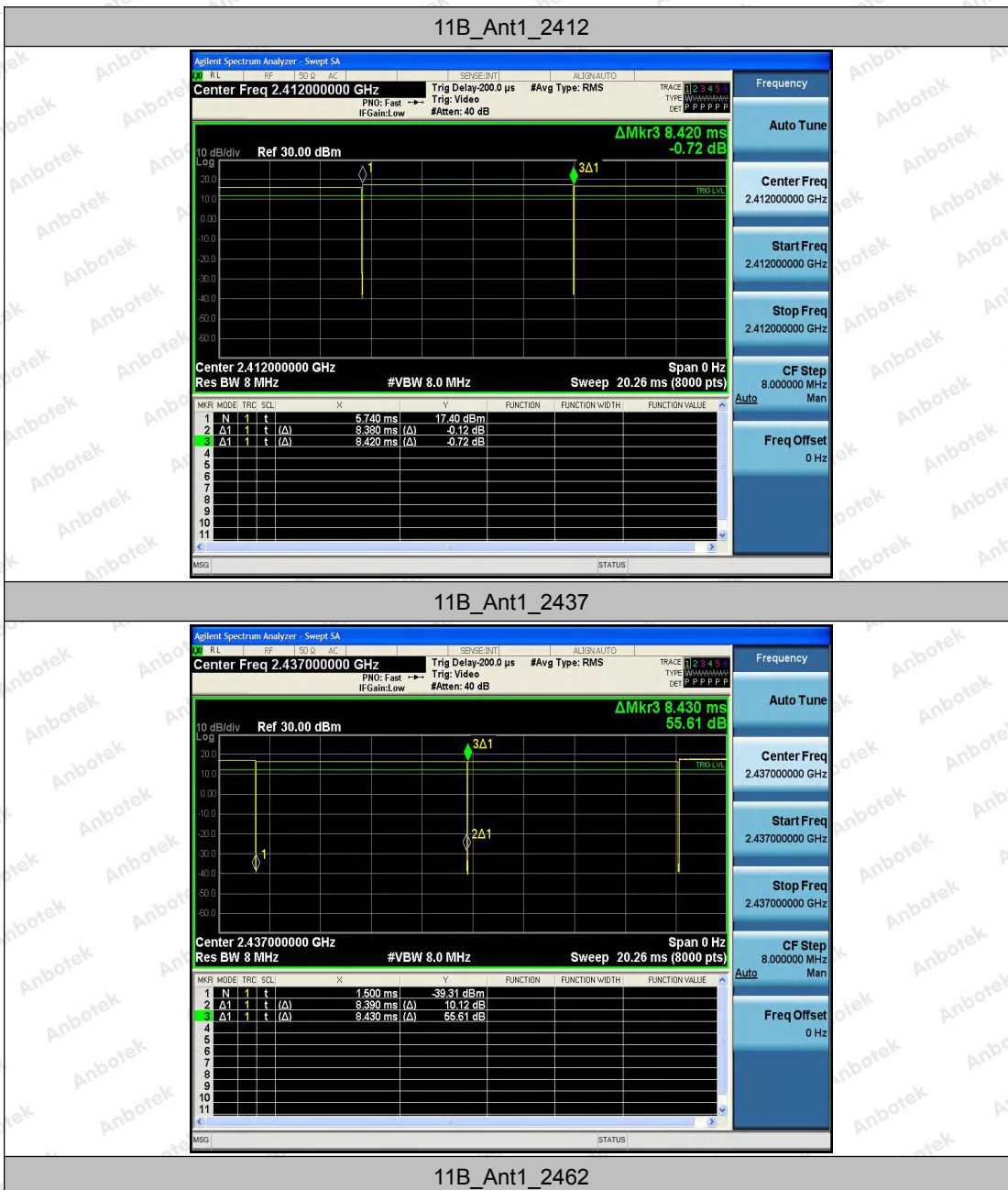
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Appendix G: Duty Cycle

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	8.39	8.43	99.53	---	PASS
		2462	8.39	8.42	99.64	---	PASS
11G	Ant1	2412	1.39	1.44	96.53	---	PASS
		2437	1.39	1.44	96.53	---	PASS
		2462	1.39	1.44	96.53	---	PASS

Test Graphs



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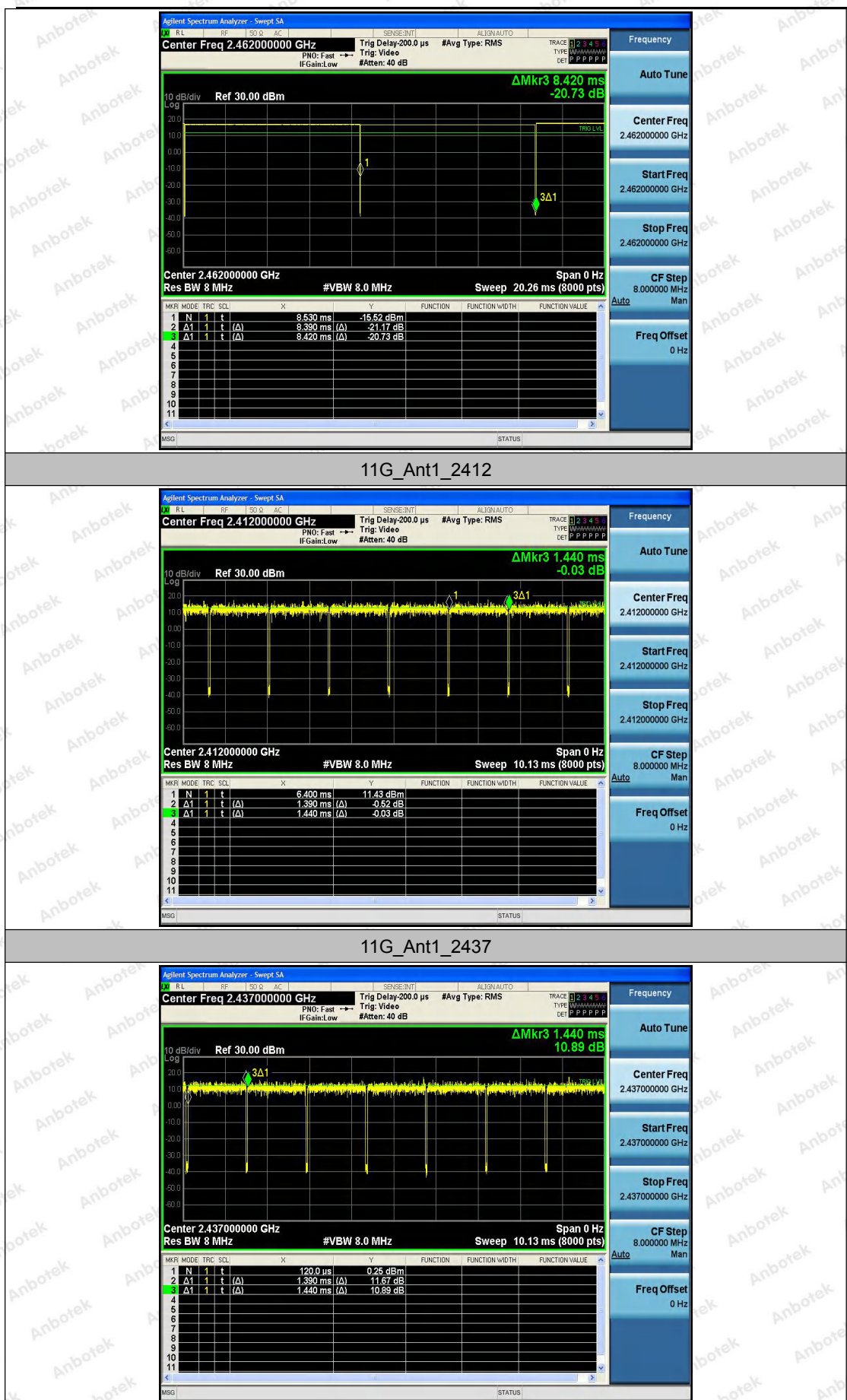
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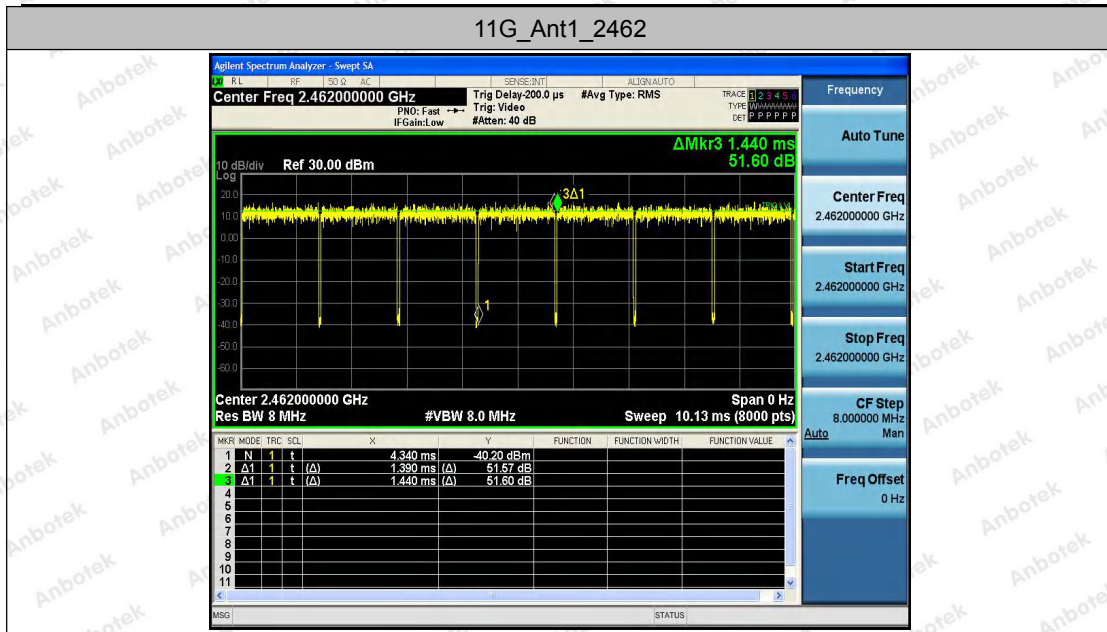


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