

Appendix Test Data

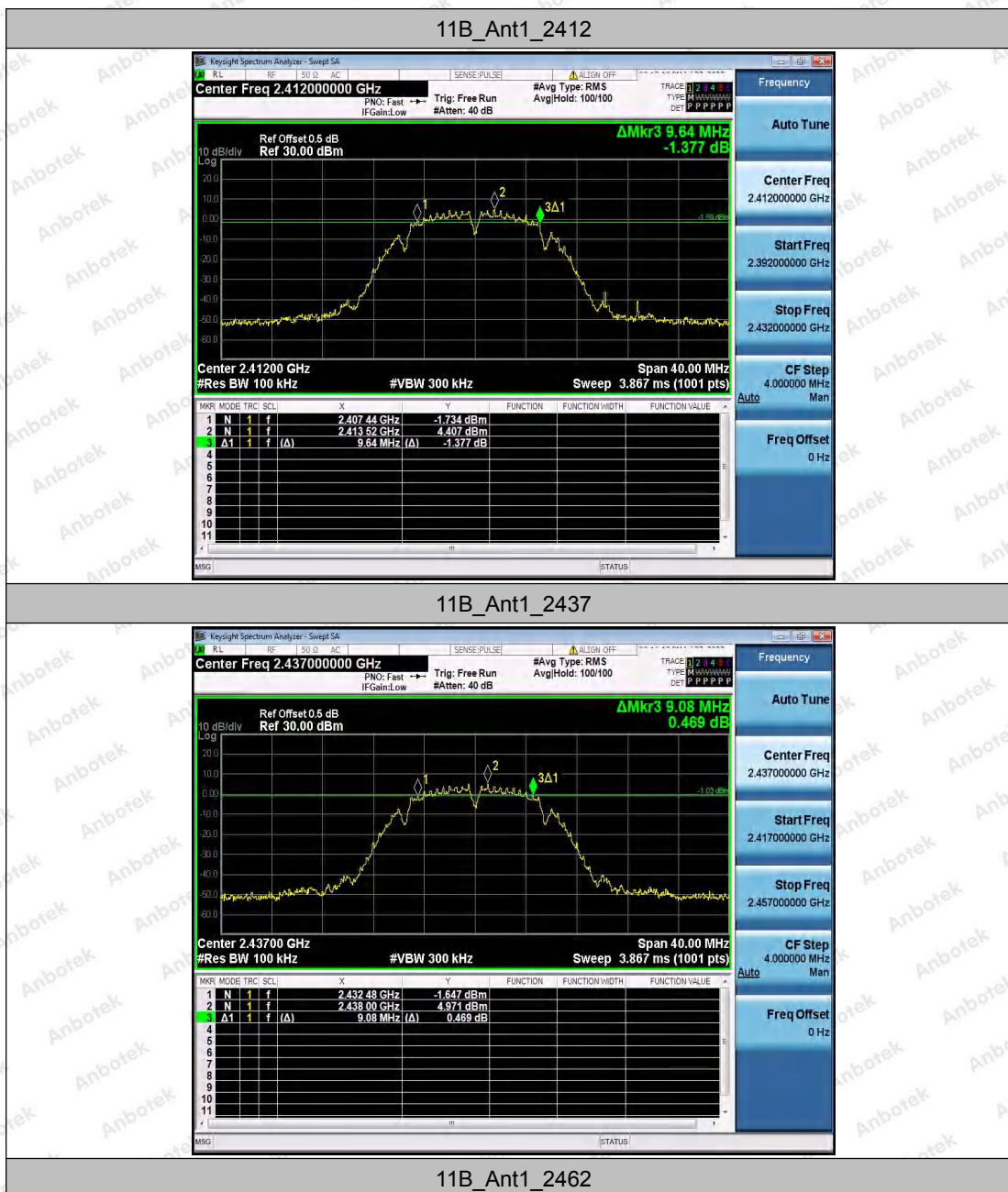
Report No.:	18220WC20158602	Test Sample No.:	1-2-2
Start Test Date:	2022.7.15	Finish Test Date:	2022.7.22
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3C°	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.640	2407.440	2417.080	≥0.5	PASS
		2437	9.080	2432.480	2441.560	≥0.5	PASS
		2462	9.640	2457.440	2467.080	≥0.5	PASS
11G	Ant1	2412	16.480	2403.800	2420.280	≥0.5	PASS
		2437	16.440	2428.800	2445.240	≥0.5	PASS
		2462	16.440	2453.800	2470.240	≥0.5	PASS
11N20	Ant1	2412	17.640	2403.200	2420.840	≥0.5	PASS
		2437	17.680	2428.160	2445.840	≥0.5	PASS
		2462	17.680	2453.160	2470.840	≥0.5	PASS

Test Graphs



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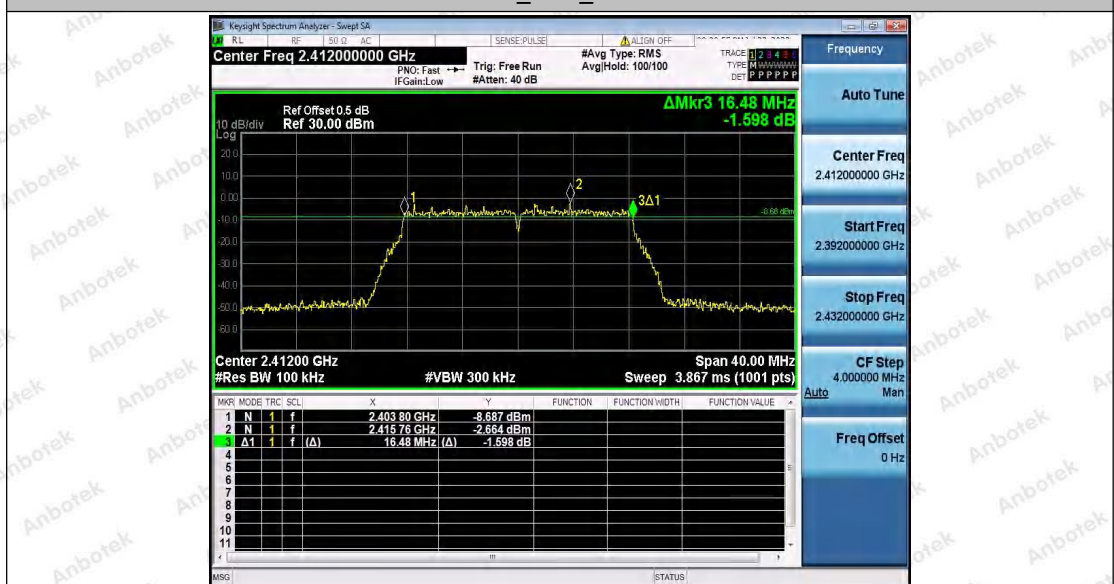
Address: 1/F., Building D, Sogood Science and Technology Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.

Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

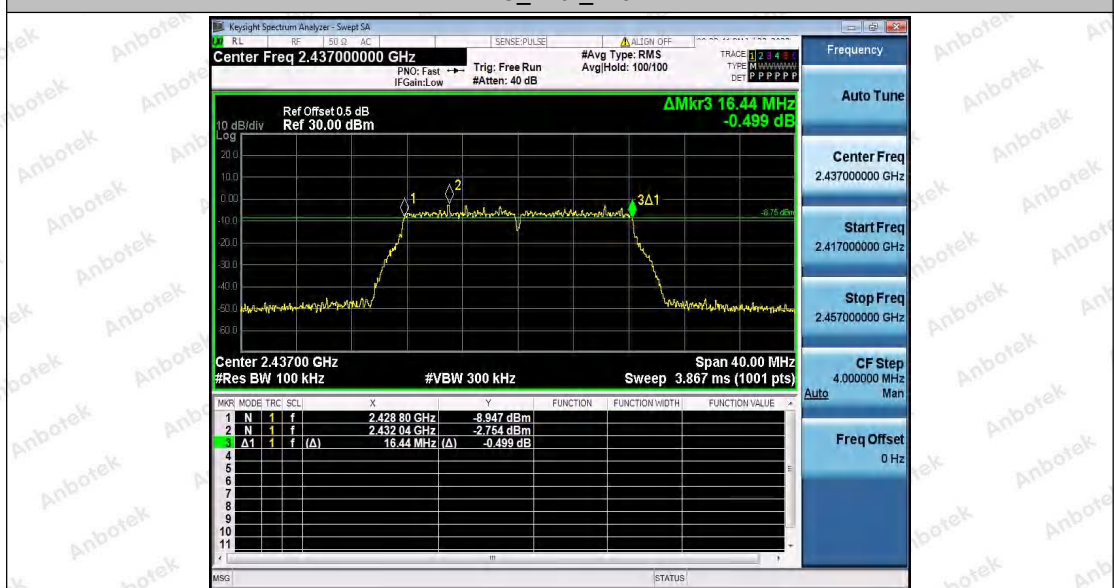
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11G_Ant1_2412



11G_Ant1_2437



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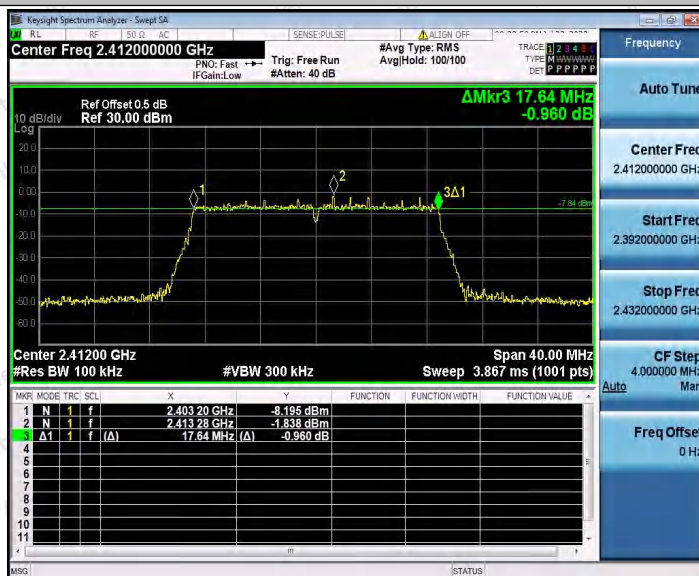
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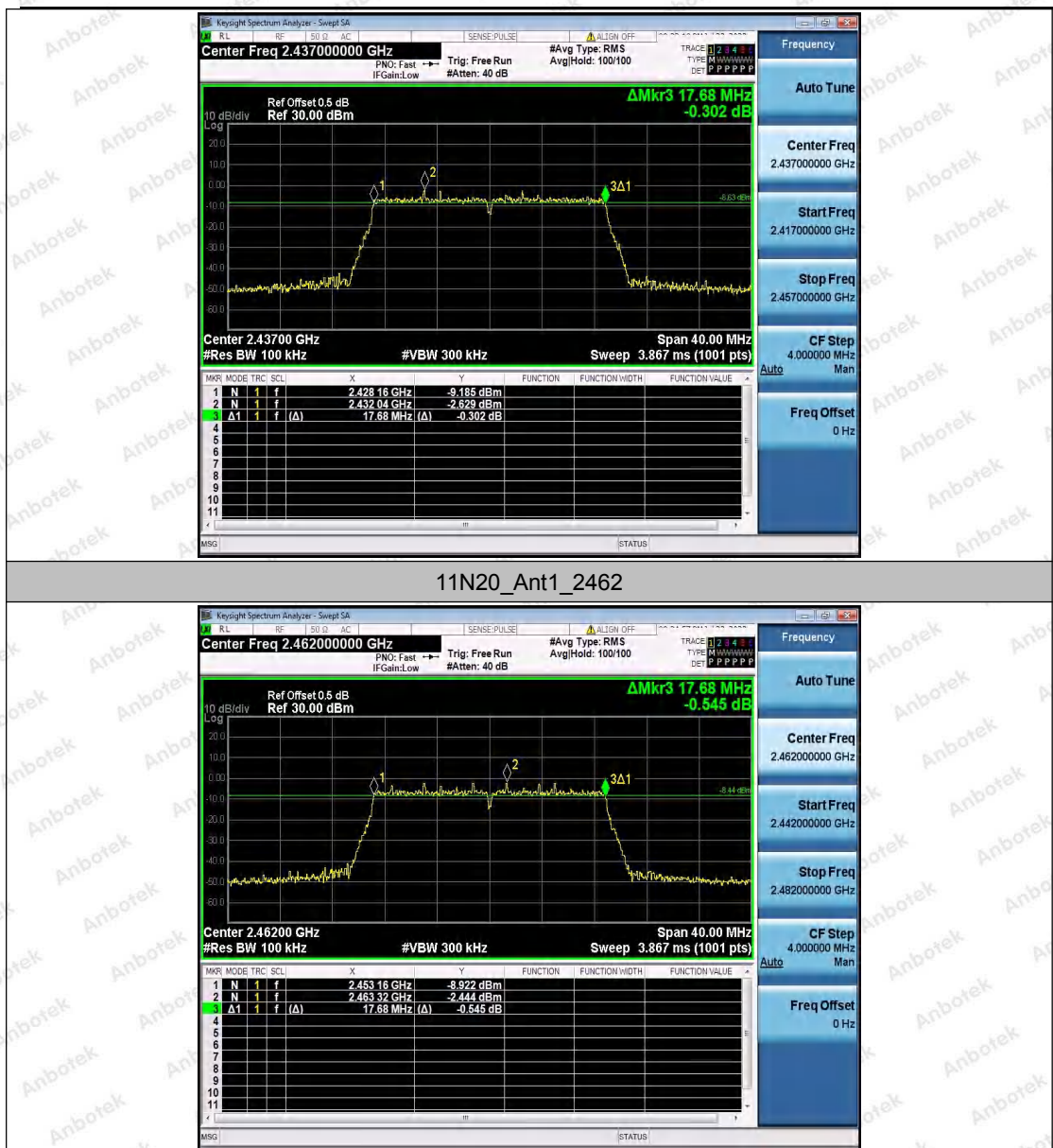
11G_Ant1_2462



11N20_Ant1_2412



11N20_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	12.285	2405.912	2418.197	---	PASS
		2437	12.300	2430.892	2443.192	---	PASS
		2462	12.305	2455.889	2468.194	---	PASS
11G	Ant1	2412	17.103	2403.468	2420.571	---	PASS
		2437	17.131	2428.425	2445.556	---	PASS
		2462	17.051	2453.506	2470.557	---	PASS
11N20	Ant1	2412	17.967	2403.068	2421.035	---	PASS
		2437	18.014	2428.021	2446.035	---	PASS
		2462	17.969	2453.036	2471.005	---	PASS

Test Graphs

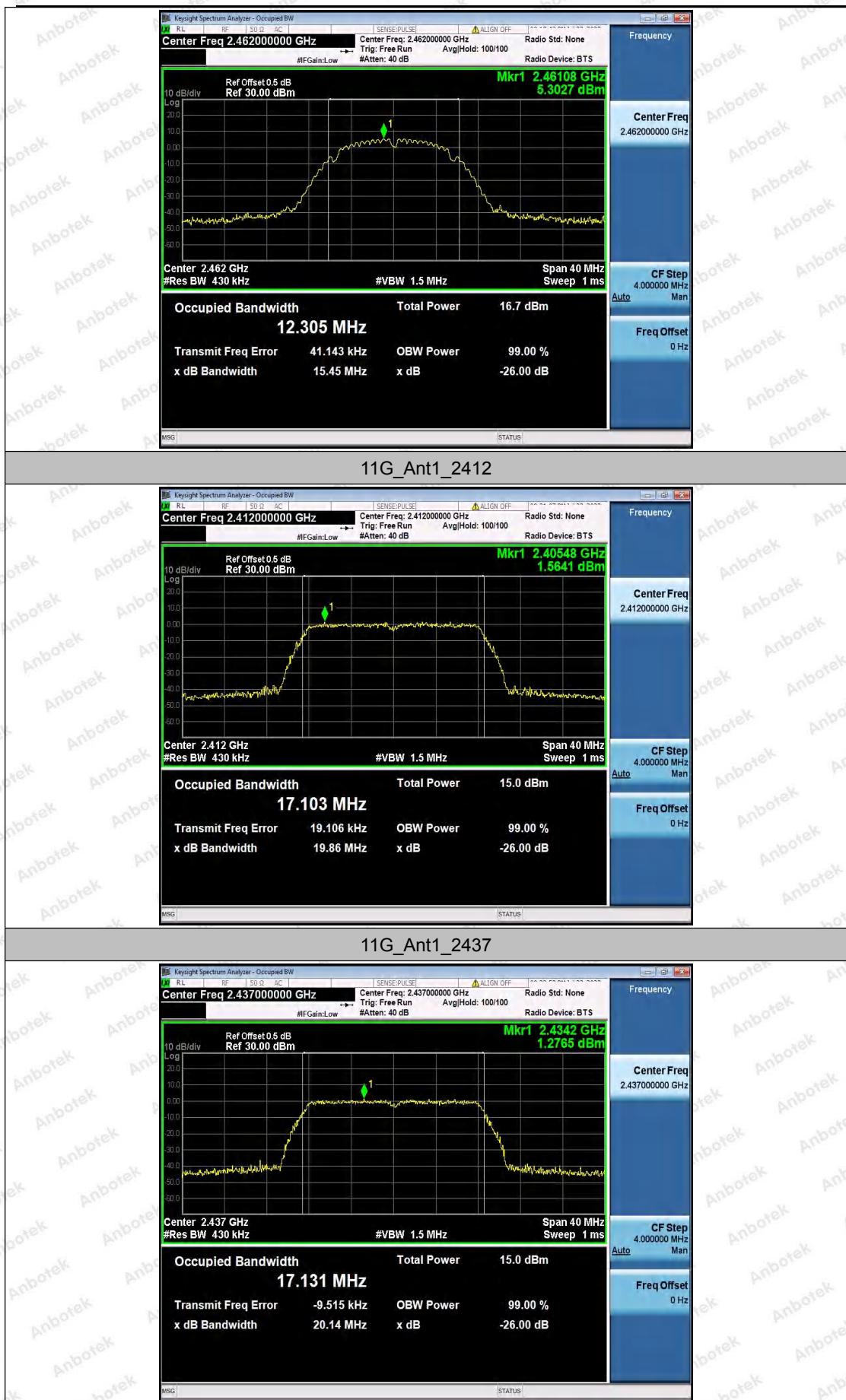


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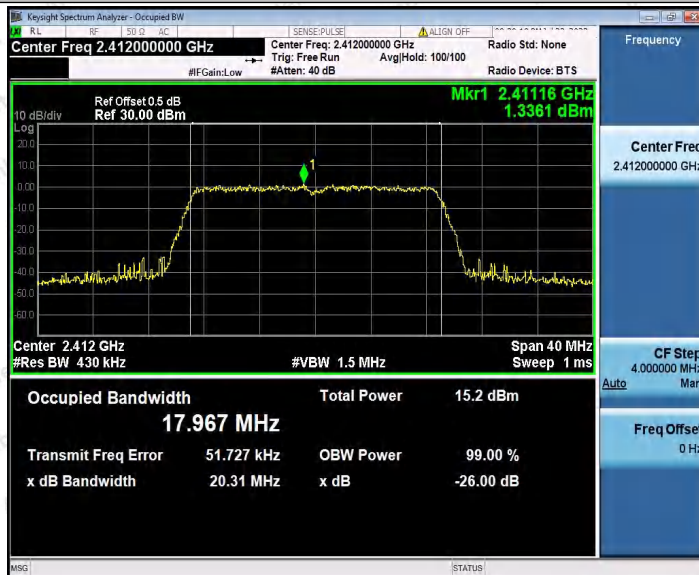
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11G_Ant1_2462



11N20_Ant1_2412



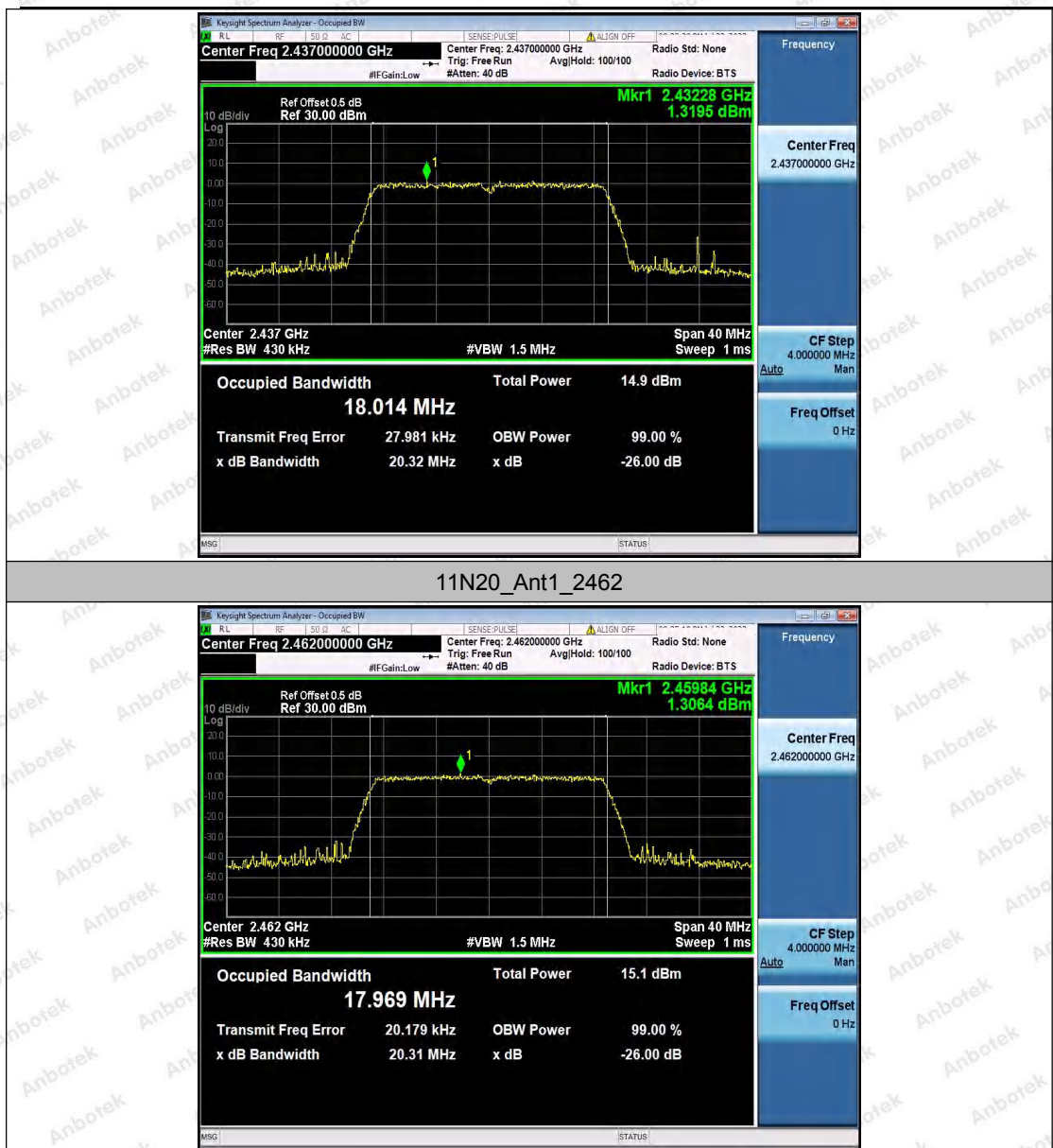
11N20_Ant1_2437

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Appendix C: Maximum conducted output power

Test Result

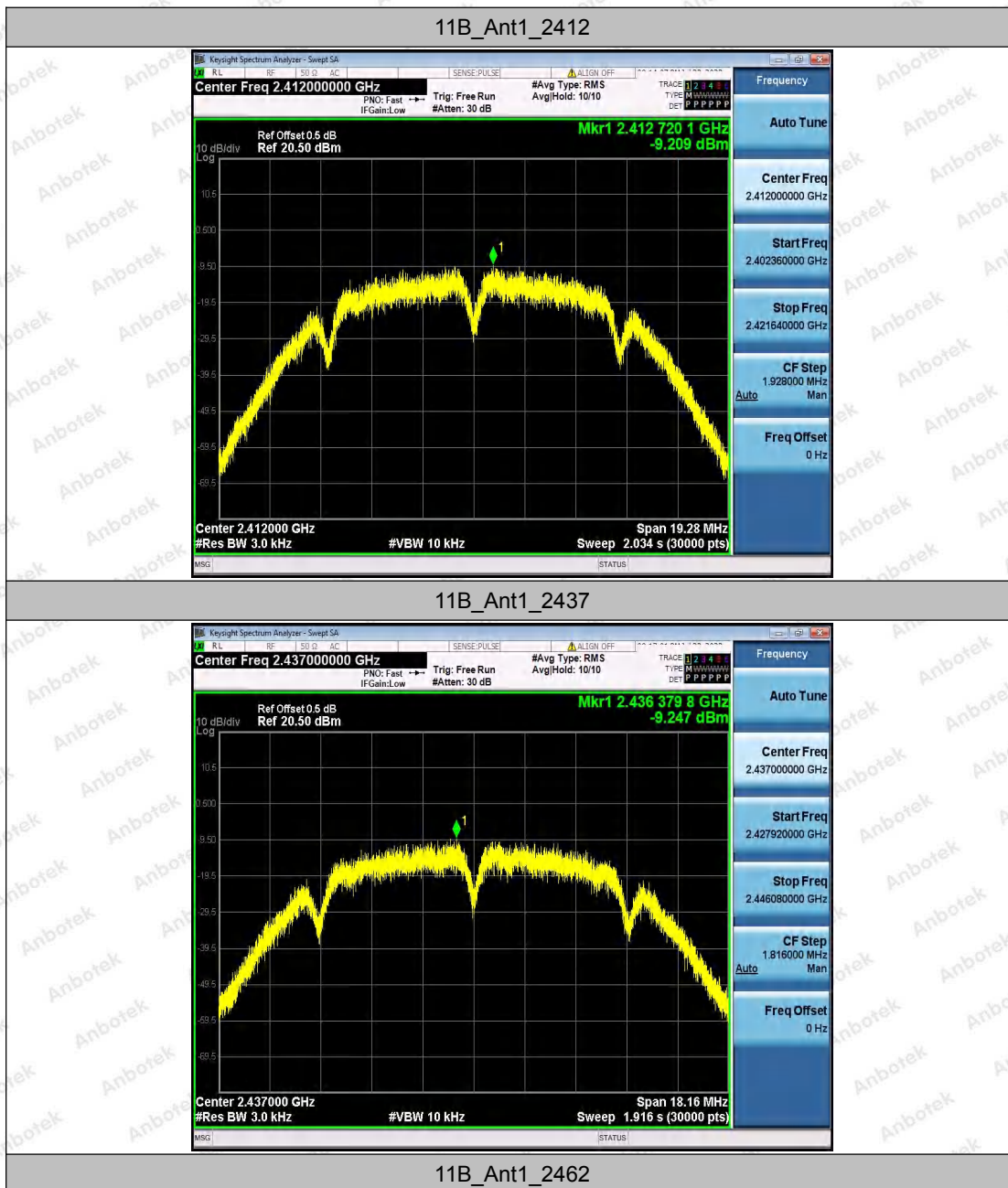
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	16.67	≤30	PASS
		2437	16.68	≤30	PASS
		2462	16.73	≤30	PASS
11G	Ant1	2412	16.20	≤30	PASS
		2437	16.07	≤30	PASS
		2462	16.19	≤30	PASS
11N20	Ant1	2412	16.30	≤30	PASS
		2437	16.17	≤30	PASS
		2462	16.22	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.21	≤8	PASS
		2437	-9.25	≤8	PASS
		2462	-7.34	≤8	PASS
11G	Ant1	2412	-15.76	≤8	PASS
		2437	-15.52	≤8	PASS
		2462	-14.78	≤8	PASS
11N20	Ant1	2412	-16.3	≤8	PASS
		2437	-16.18	≤8	PASS
		2462	-16.74	≤8	PASS

Test Graphs

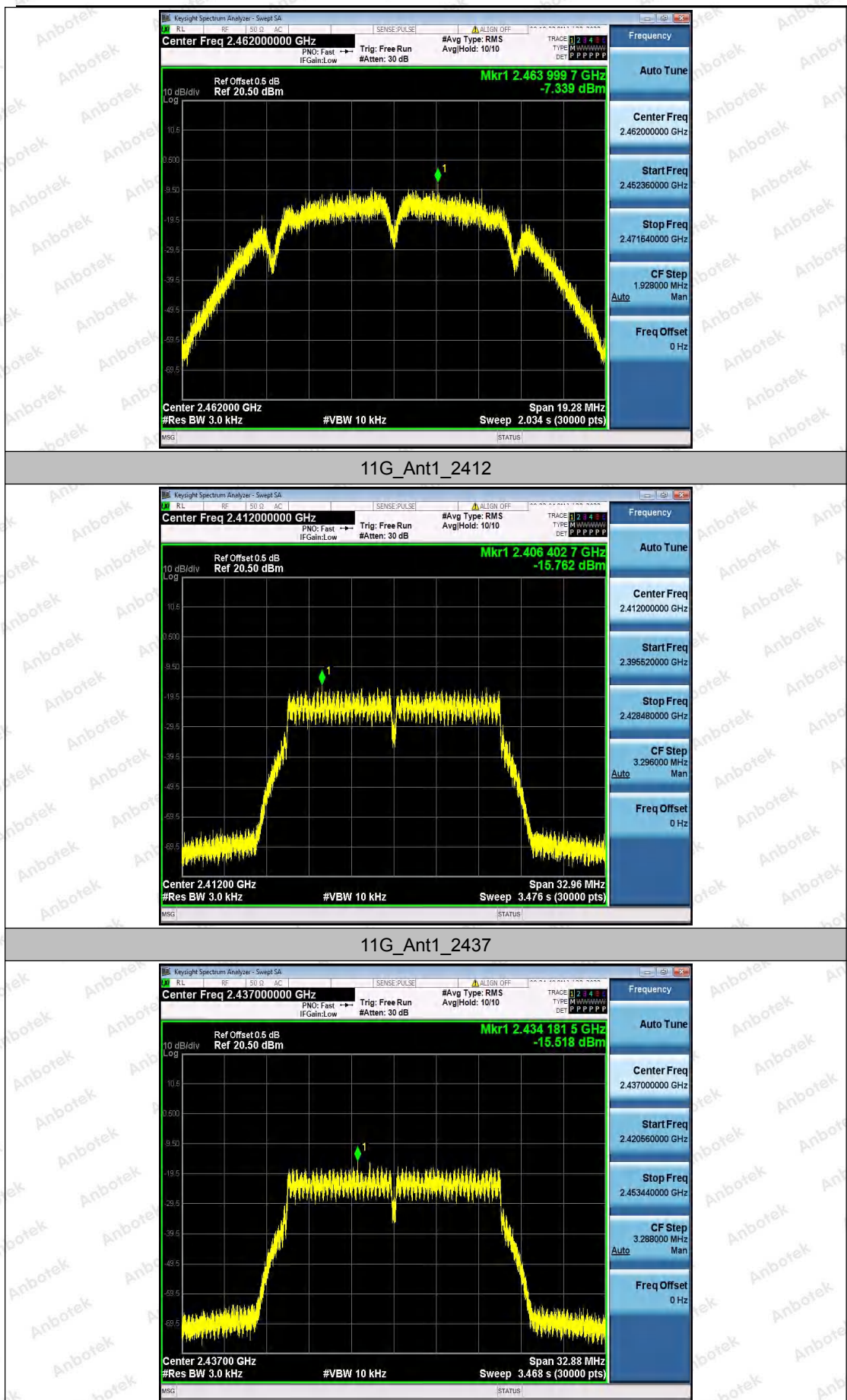


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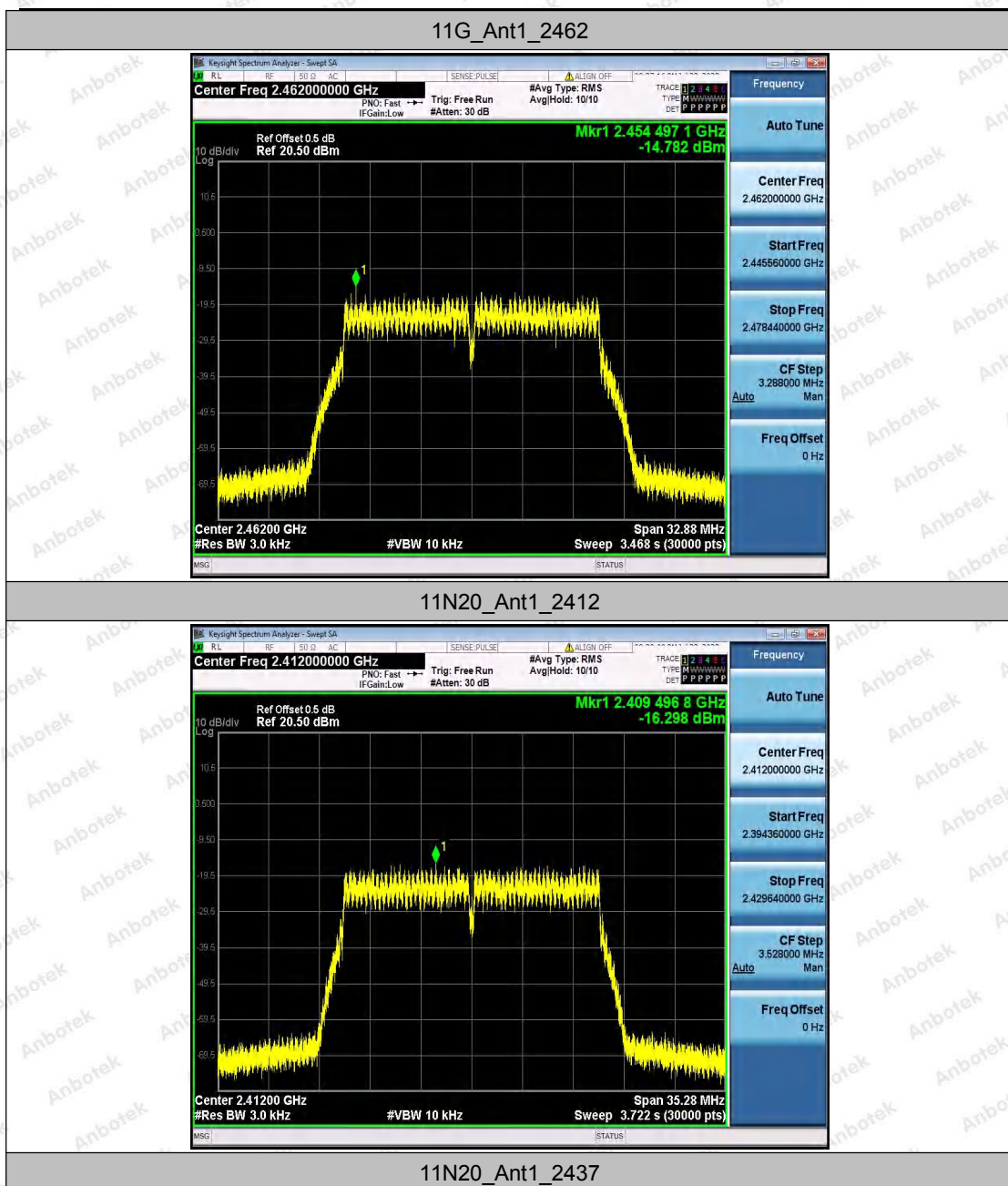


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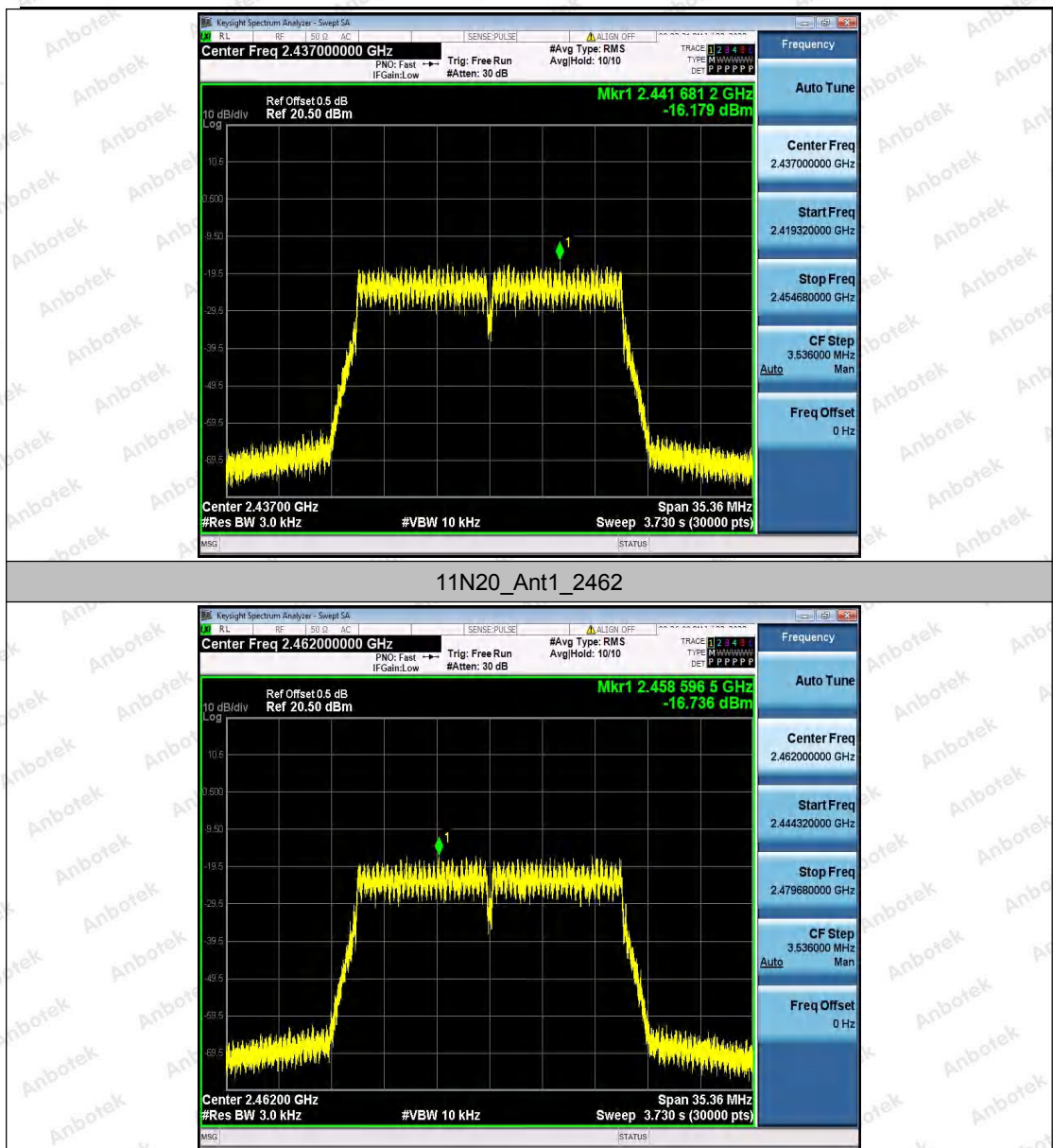


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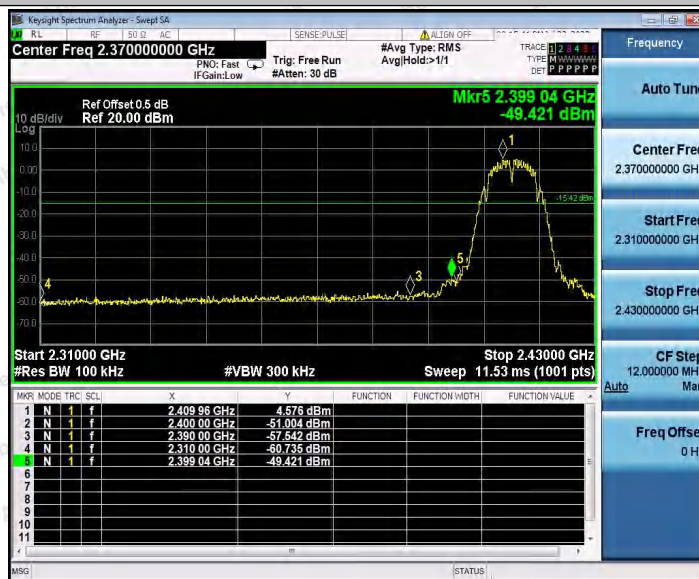
Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.58	-49.42	≤-15.42	PASS
		High	2462	5.05	-55.37	≤-14.95	PASS
11G	Ant1	Low	2412	-2.22	-47.87	≤-22.22	PASS
		High	2462	-2.52	-53.08	≤-22.52	PASS
11N20	Ant1	Low	2412	-1.96	-45.36	≤-21.96	PASS
		High	2462	-6.84	-55.85	≤-26.84	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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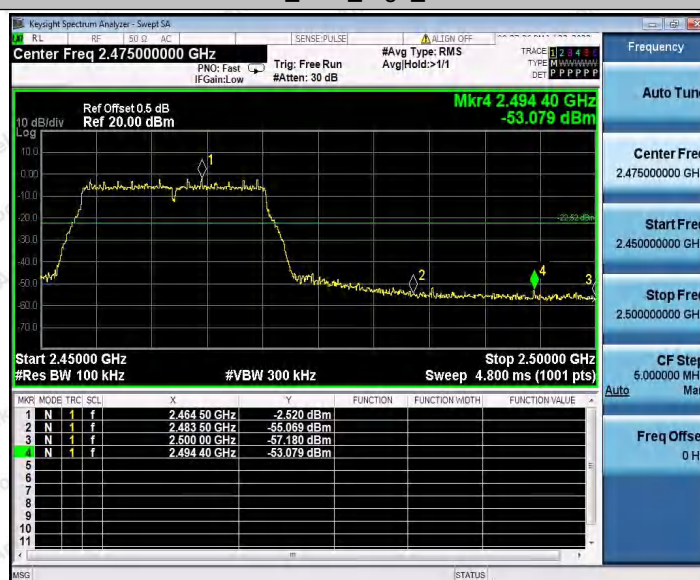
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11G_Ant1_High_2462



11N20_Ant1_Low_2412

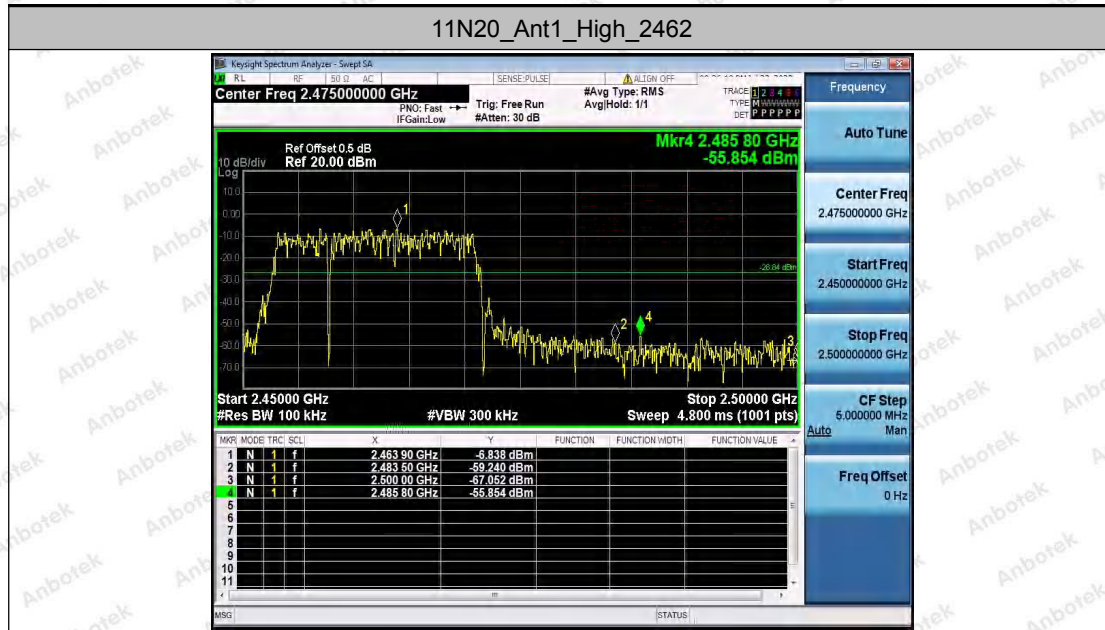


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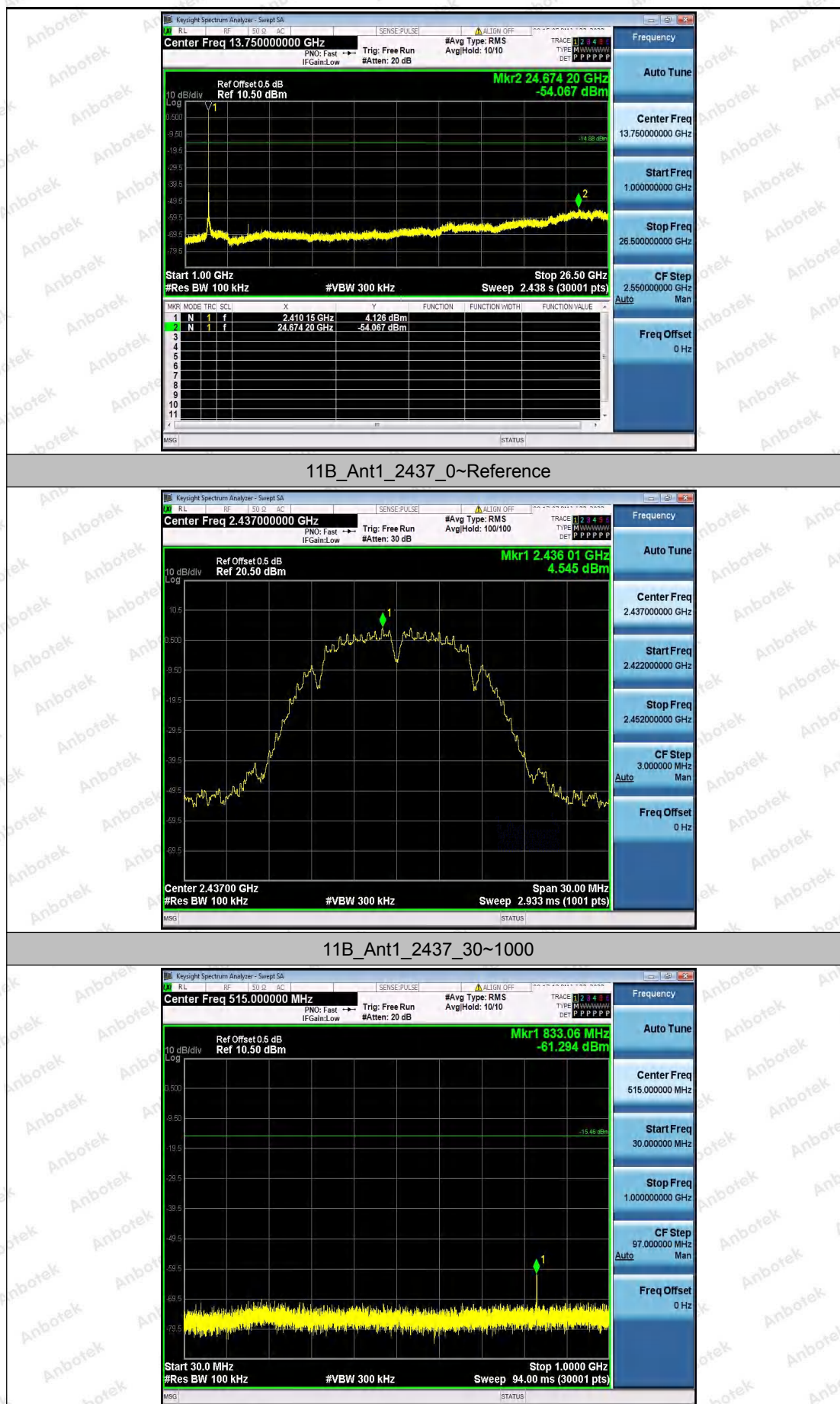
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Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.12	5.12	---	PASS
			30~1000	5.12	-69.83	≤-14.88	PASS
			1000~26500	5.12	-54.07	≤-14.88	PASS
		2437	Reference	4.55	4.55	---	PASS
			30~1000	4.55	-61.29	≤-15.46	PASS
			1000~26500	4.55	-54.31	≤-15.46	PASS
		2462	Reference	5.19	5.19	---	PASS
			30~1000	5.19	-68.68	≤-14.81	PASS
			1000~26500	5.19	-54.27	≤-14.81	PASS
11G	Ant1	2412	Reference	-1.91	-1.91	---	PASS
			30~1000	-1.91	-69.86	≤-21.91	PASS
			1000~26500	-1.91	-53.91	≤-21.91	PASS
		2437	Reference	-2.22	-2.22	---	PASS
			30~1000	-2.22	-69.82	≤-22.22	PASS
			1000~26500	-2.22	-54.09	≤-22.22	PASS
		2462	Reference	-2.64	-2.64	---	PASS
			30~1000	-2.64	-70.08	≤-22.64	PASS
			1000~26500	-2.64	-53.5	≤-22.64	PASS
11N20	Ant1	2412	Reference	-2.46	-2.46	---	PASS
			30~1000	-2.46	-69.65	≤-22.46	PASS
			1000~26500	-2.46	-53.87	≤-22.46	PASS
		2437	Reference	-2.04	-2.04	---	PASS
			30~1000	-2.04	-69.91	≤-22.04	PASS
			1000~26500	-2.04	-54.12	≤-22.04	PASS
		2462	Reference	-2.57	-2.57	---	PASS
			30~1000	-2.57	-69.94	≤-22.57	PASS
			1000~26500	-2.57	-53.56	≤-22.57	PASS



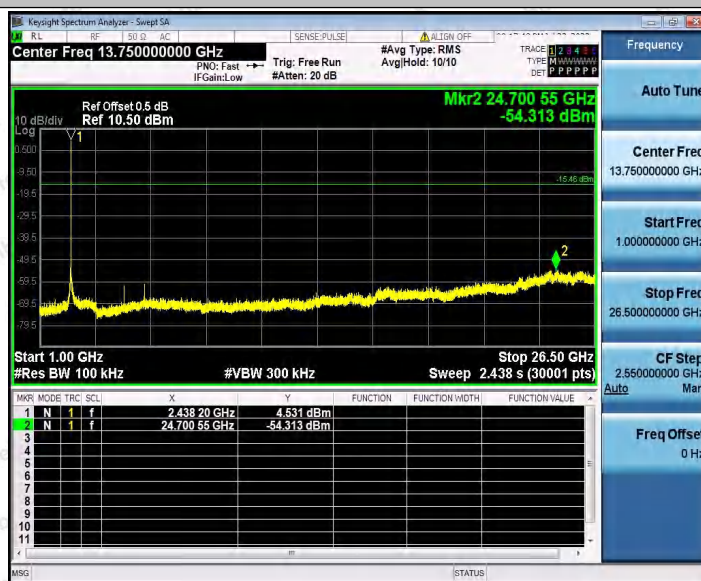
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11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000

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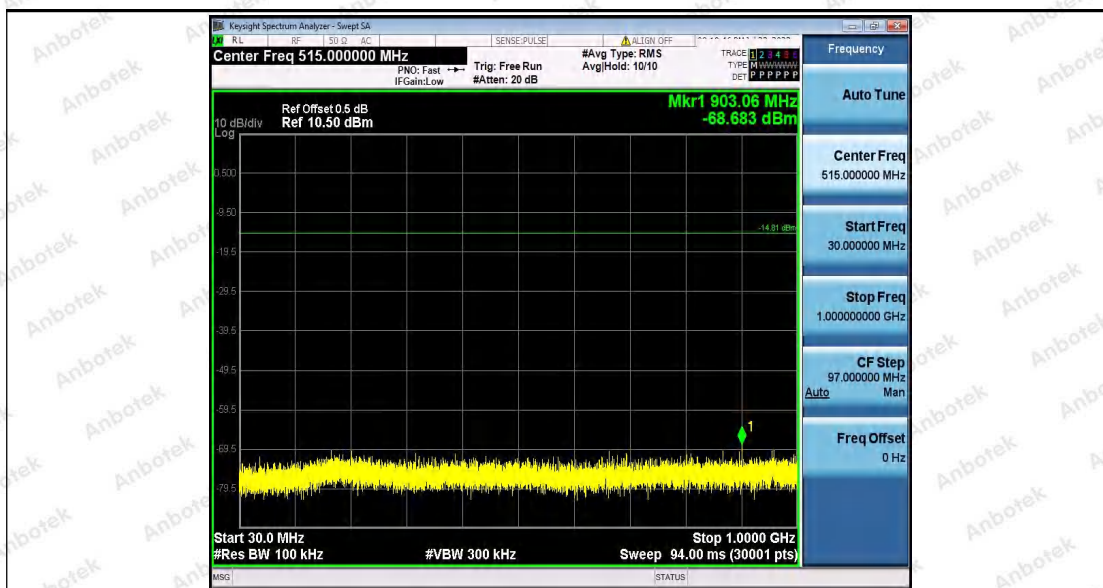
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11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



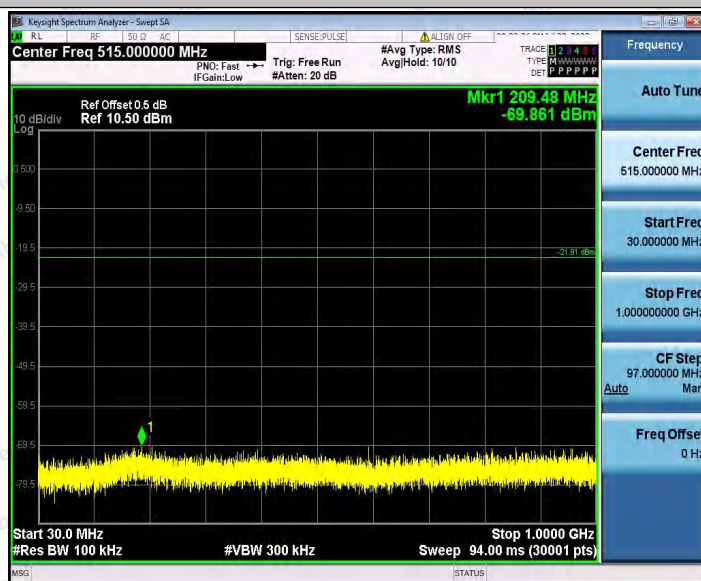
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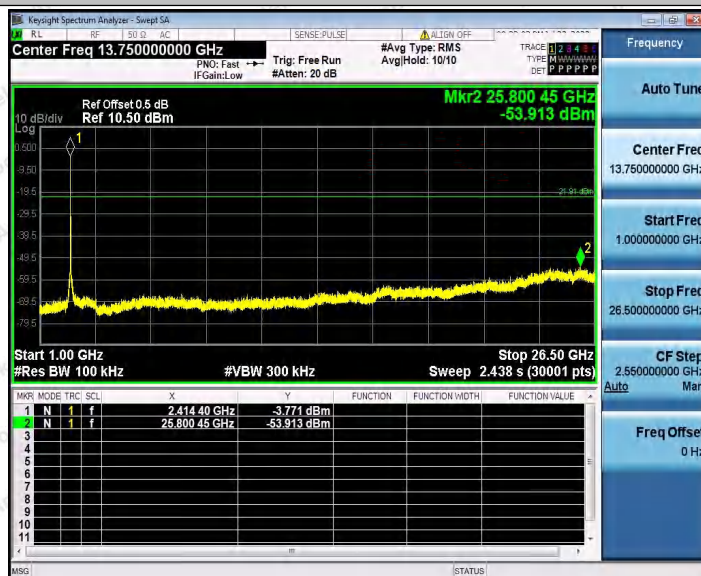
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11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference

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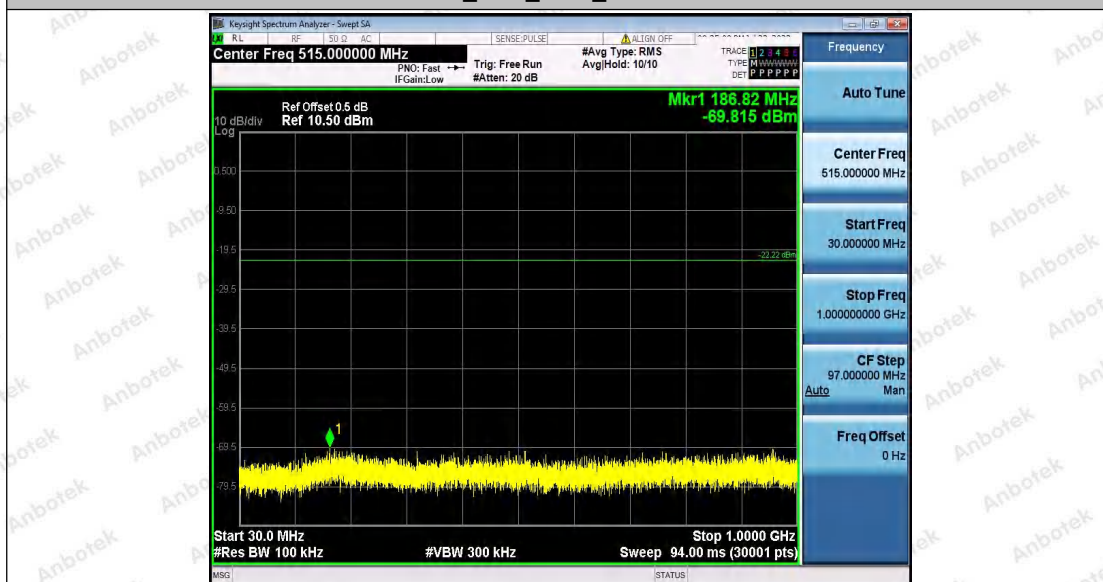
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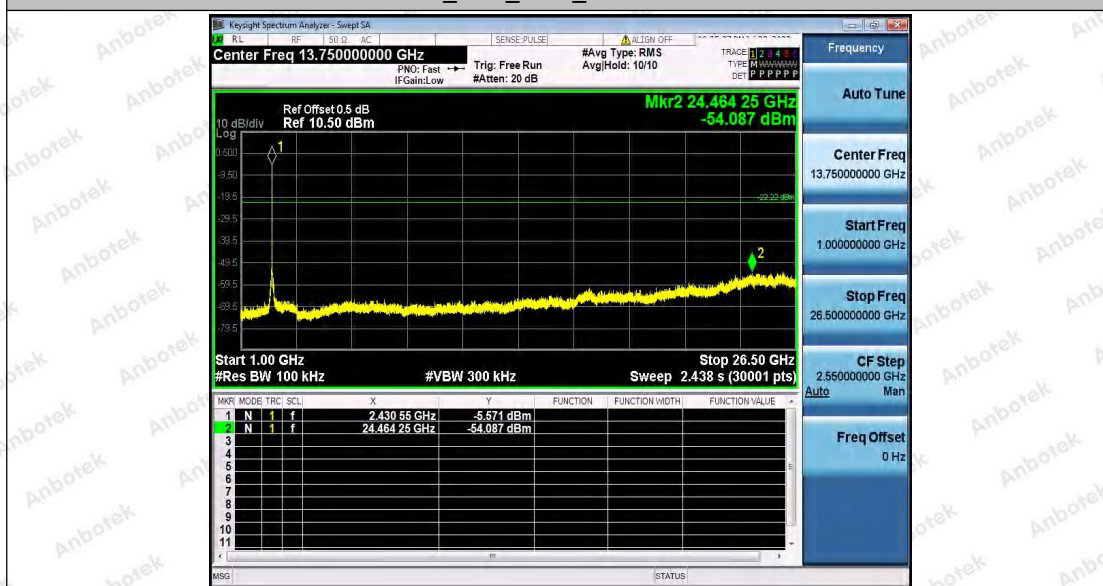
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11G_Ant1_2437_30~1000



11G_Ant1_2437_1000~26500

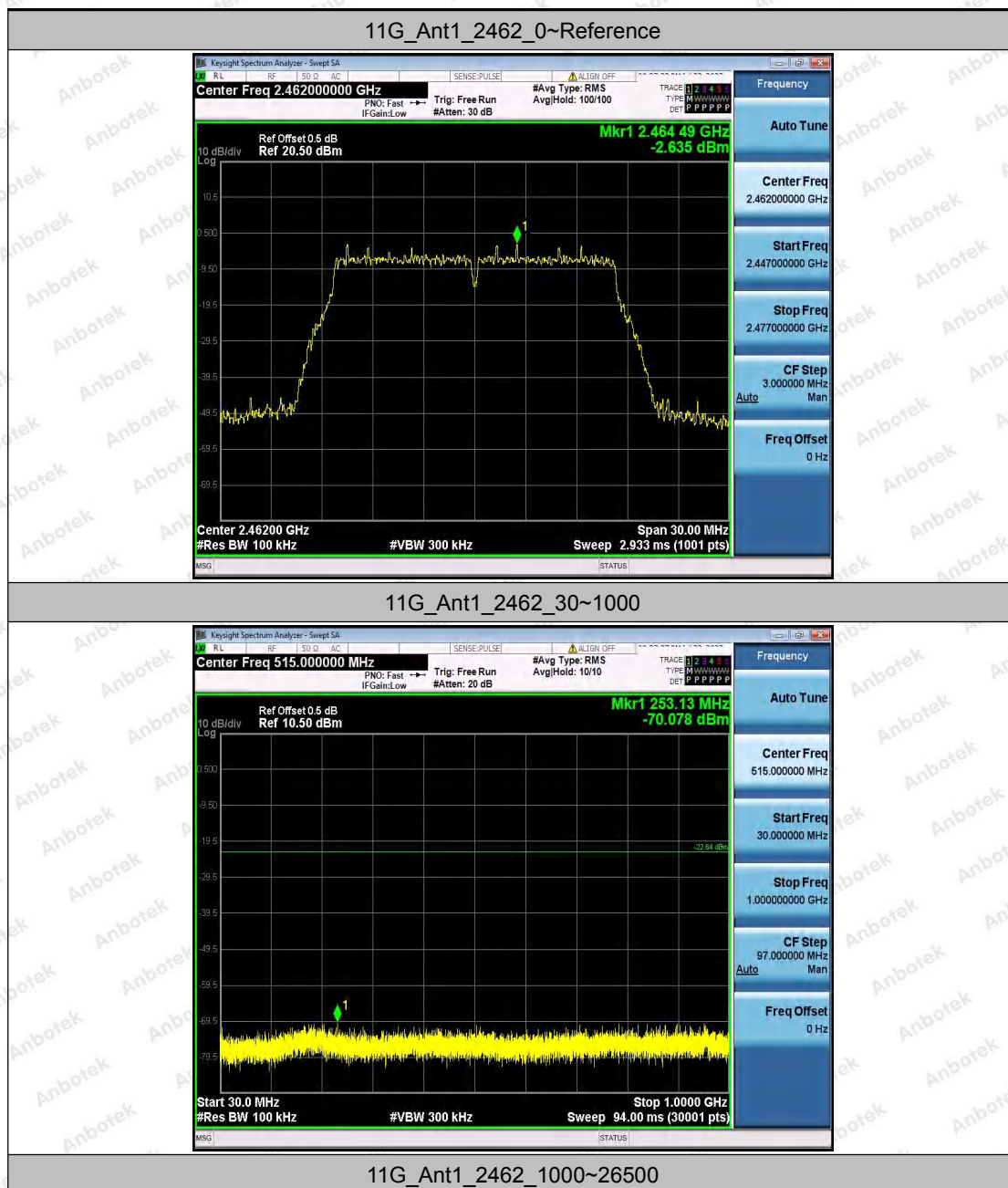


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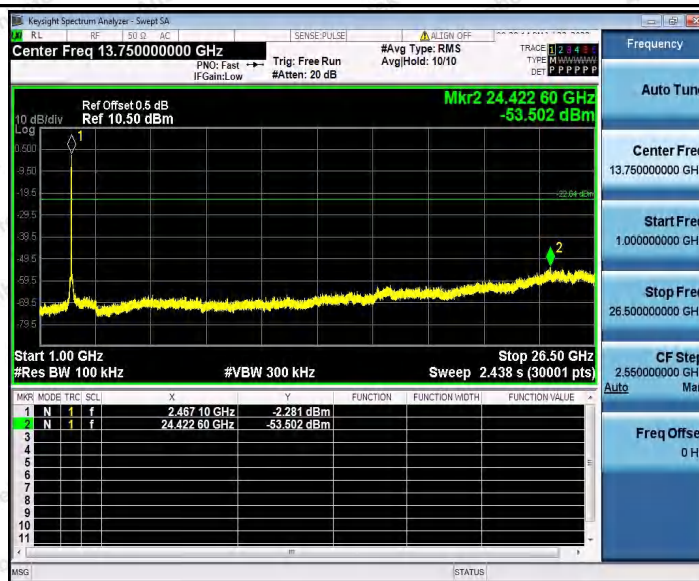


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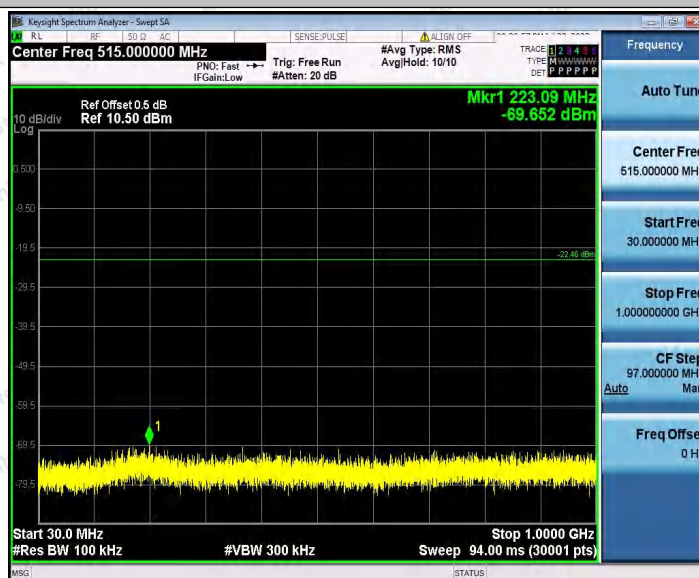
Hotline
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11N20_Ant1_2412_0~Reference



11N20_Ant1_2412_30~1000



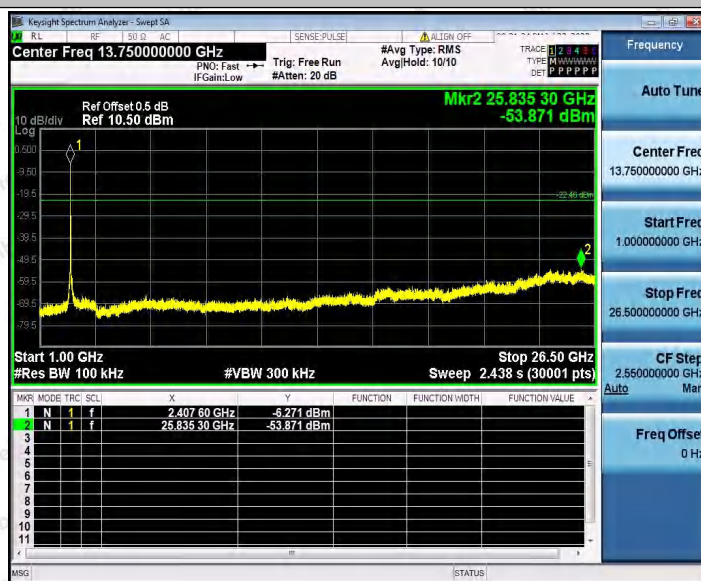
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11N20_Ant1_2412_1000~26500



11N20_Ant1_2437_0~Reference



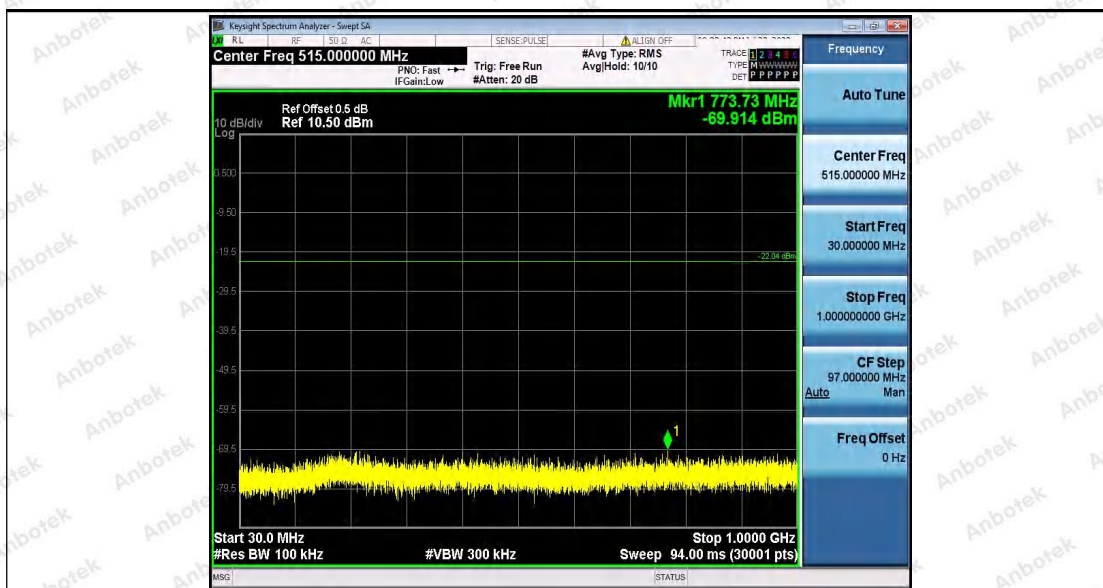
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Shenzhen Anbotek Compliance Laboratory Limited

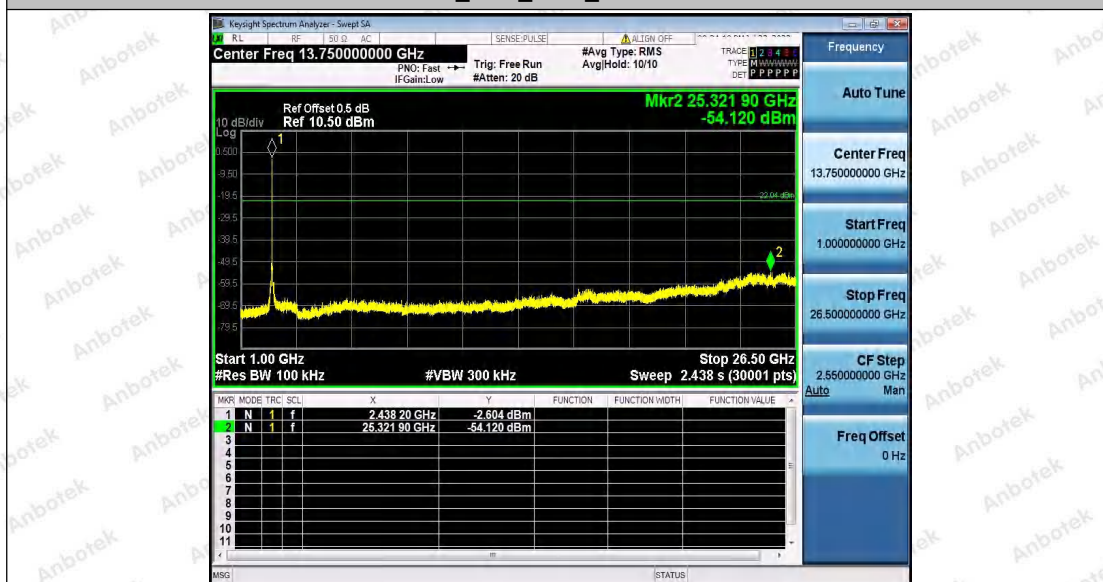
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11N20_Ant1_2437_1000~26500



11N20_Ant1_2462_0~Reference

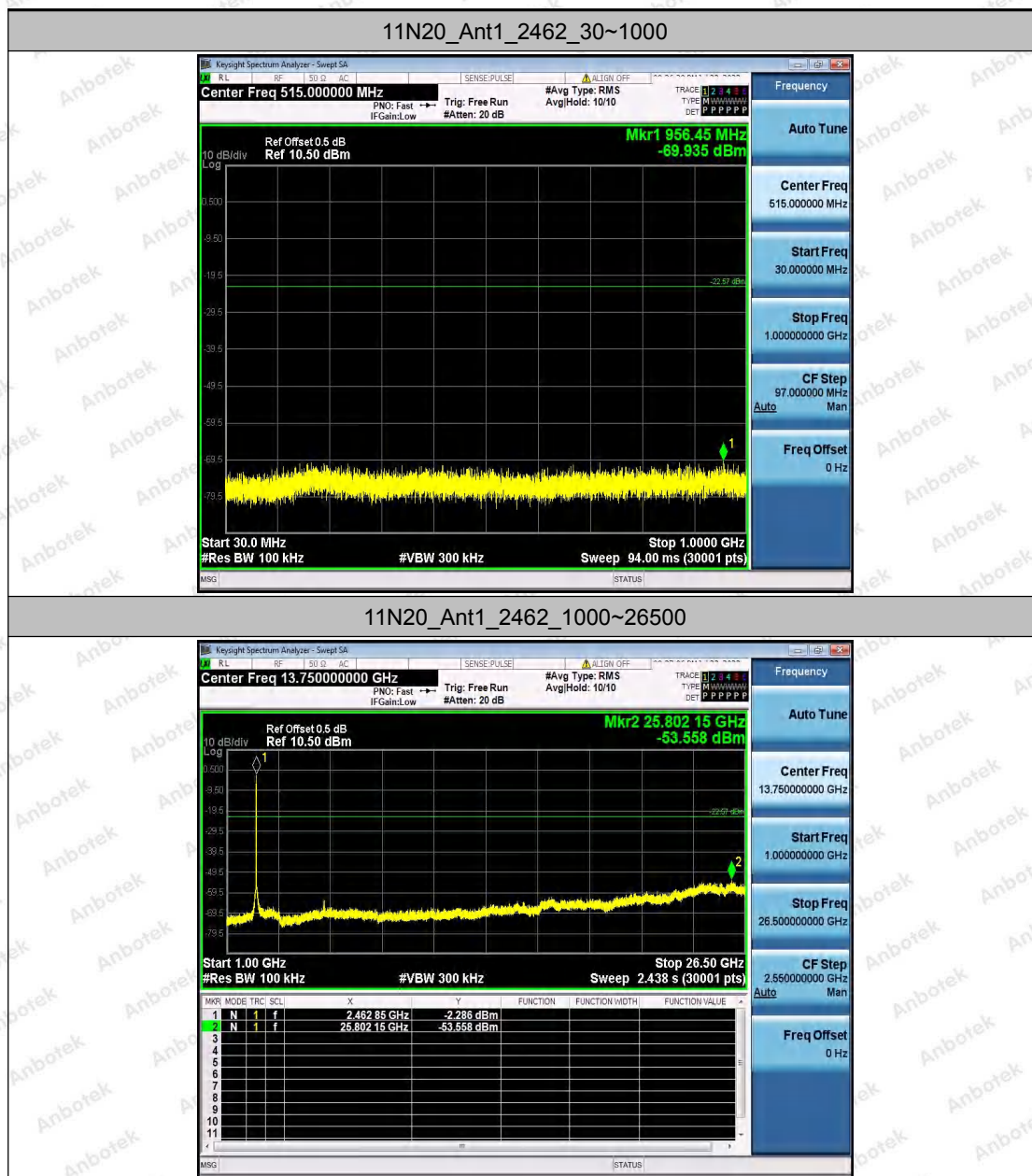


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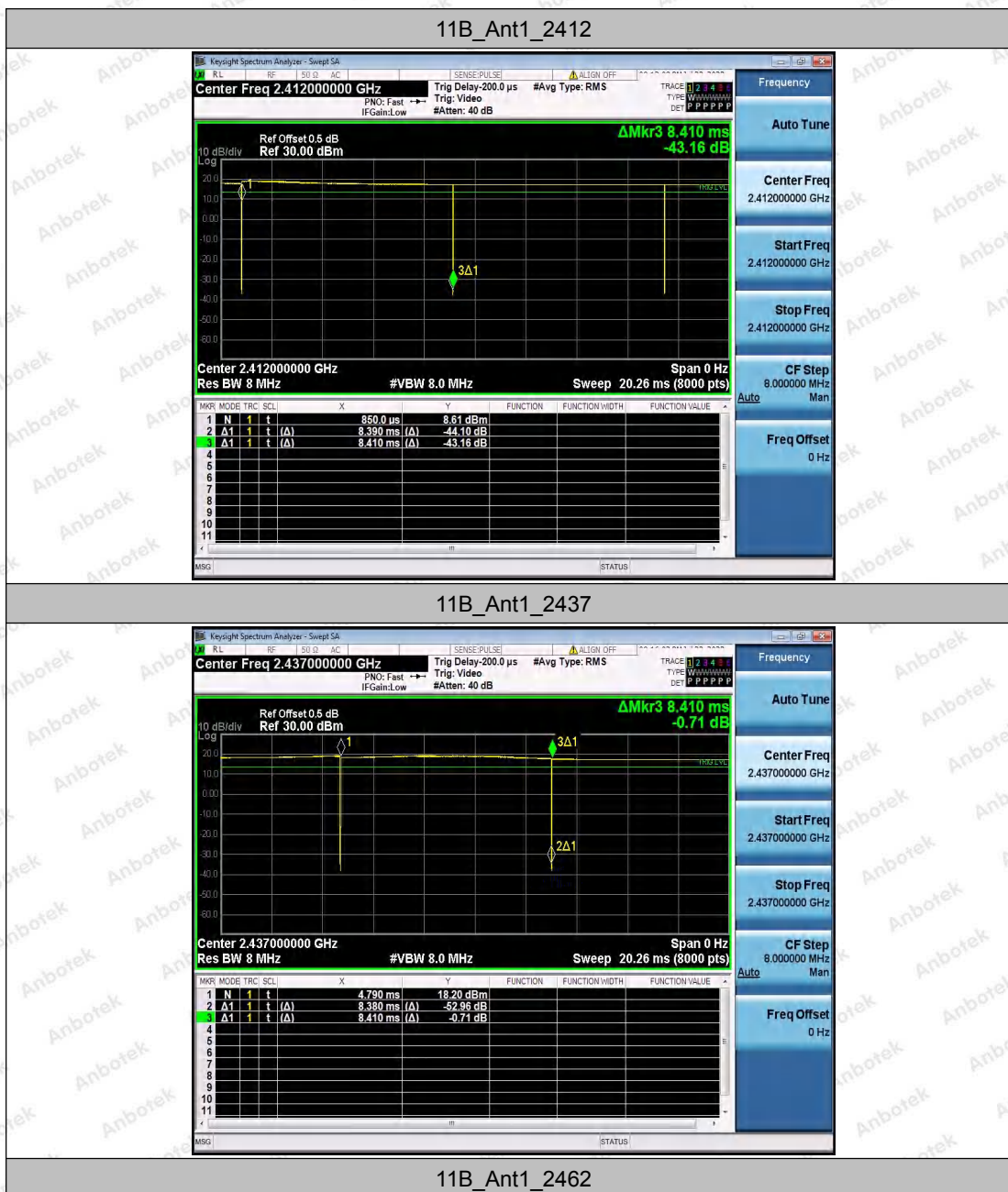
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Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Verdict
11B	Ant1	2412	8.39	8.41	99.76	PASS
		2437	8.38	8.41	99.64	PASS
		2462	8.38	8.41	99.64	PASS
11G	Ant1	2412	1.39	1.43	97.20	PASS
		2437	1.39	1.43	97.20	PASS
		2462	1.39	1.43	97.20	PASS
11N20	Ant1	2412	1.30	1.33	97.74	PASS
		2437	1.30	1.79	72.63	PASS
		2462	1.30	1.34	97.01	PASS

Test Graphs

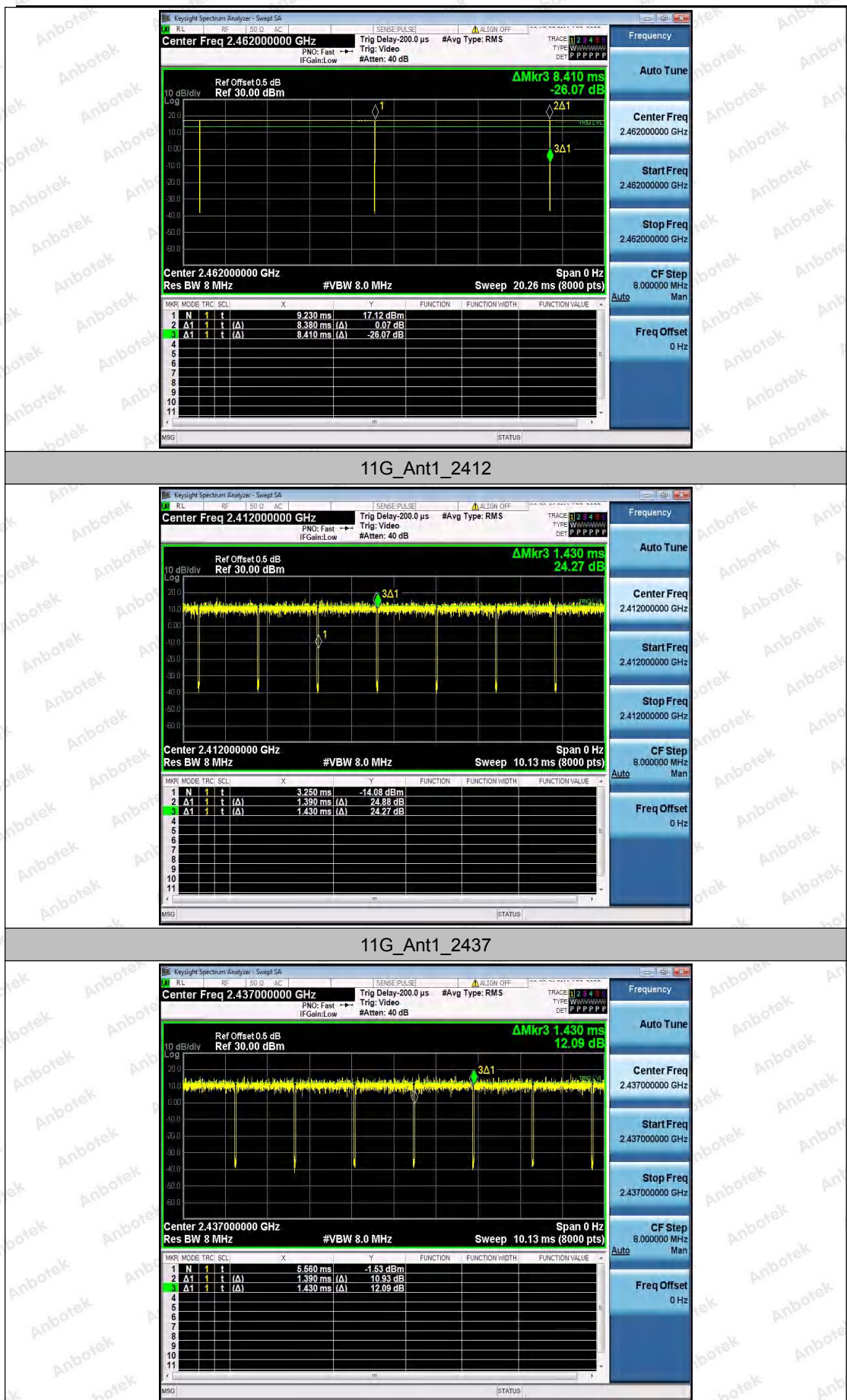


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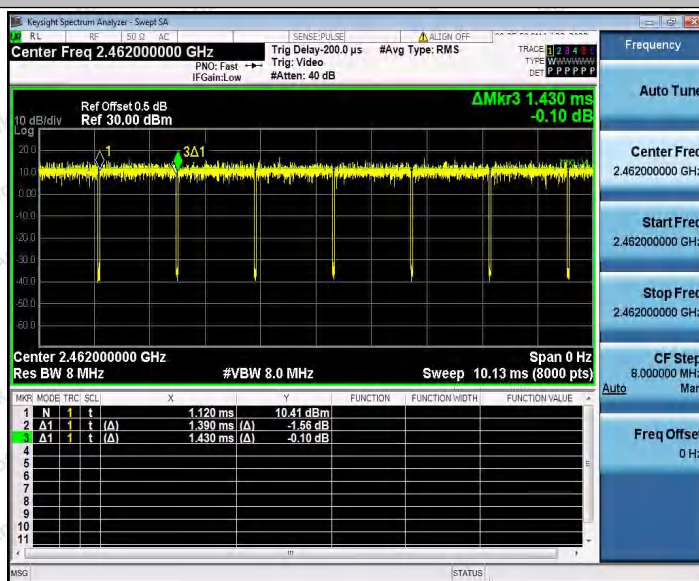


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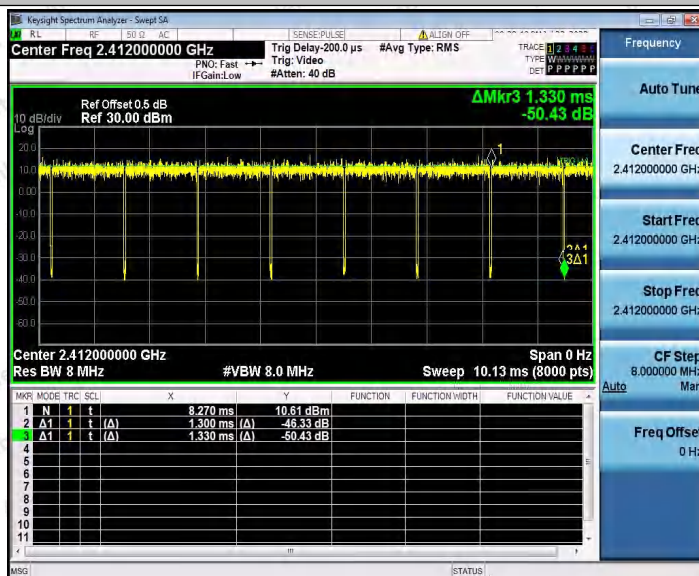
400-003-0500

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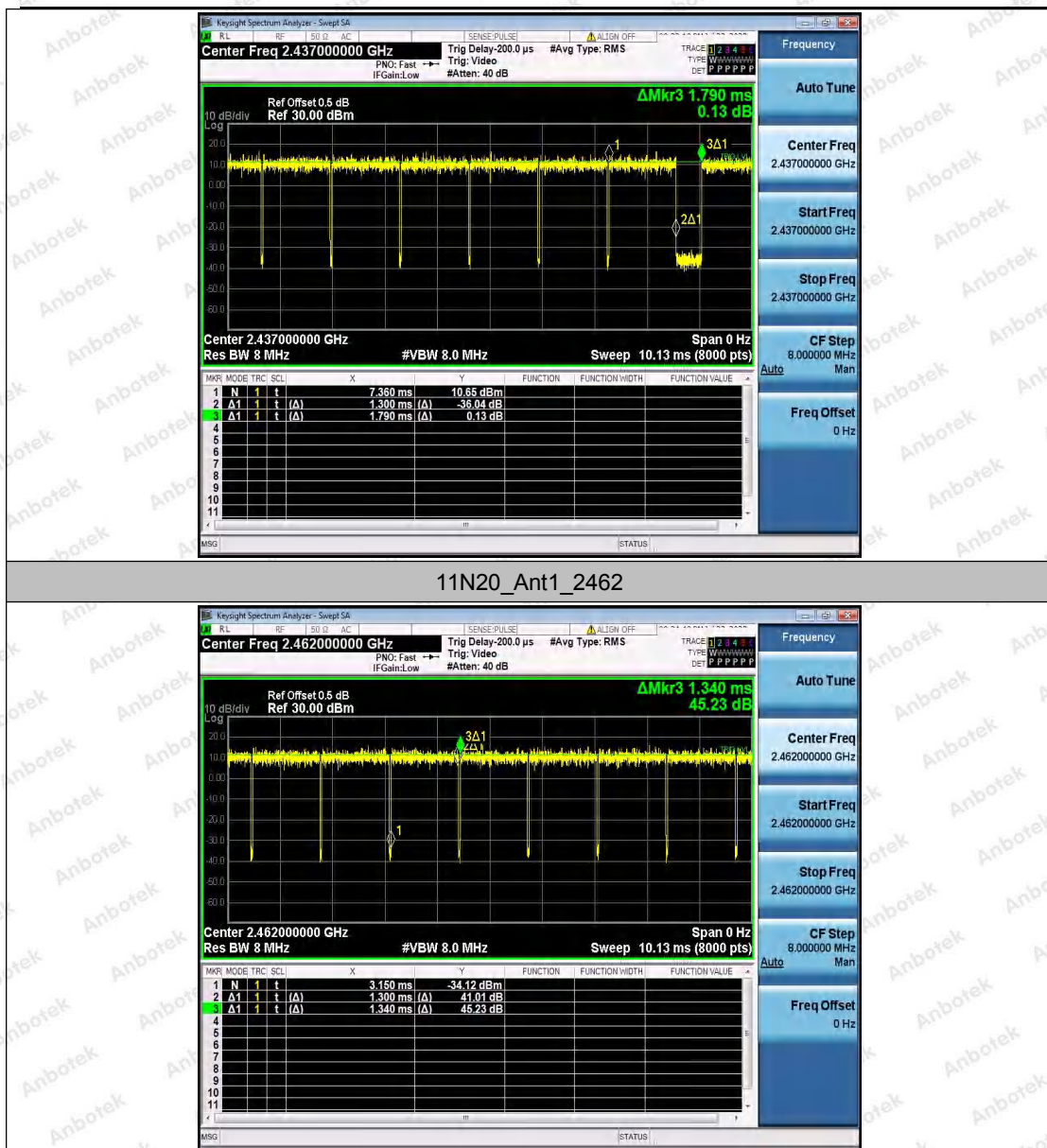
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