

Appendix Test Data

Report No.:	18220WC20097801	Test Sample No.:	1-2-2
Start Test Date:	2022.5.6	Finish Test Date:	2022.5.19
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.1 %
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	9.600	2407.440	2417.040	≥0.5	PASS
		2437	10.120	2431.960	2442.080	≥0.5	PASS
		2462	10.120	2456.960	2467.080	≥0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	≥0.5	PASS
		2437	16.440	2428.800	2445.240	≥0.5	PASS
		2462	16.520	2453.760	2470.280	≥0.5	PASS
11N20	Ant1	2412	17.680	2403.160	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

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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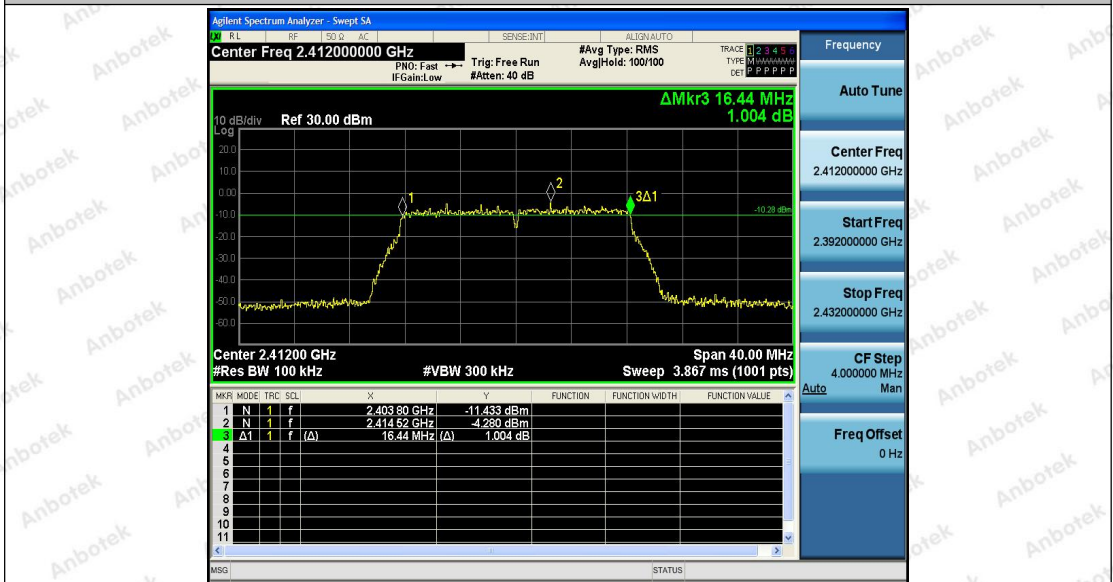
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Tel: (86) 755-26066440 Fax: (86) 755-26014772 Email: service@anbotek.com

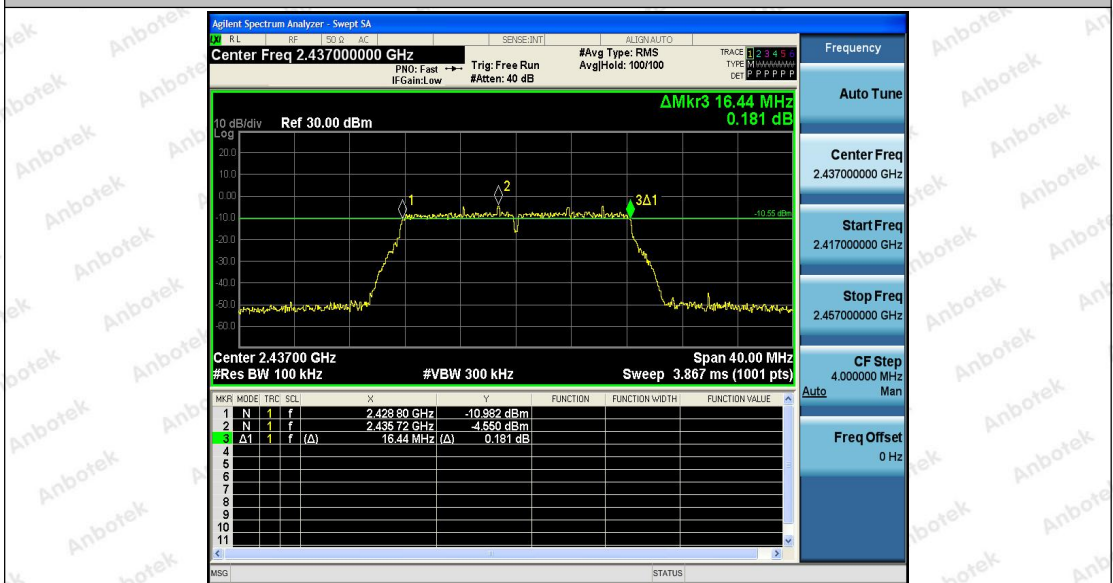
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11G_Ant1_2412



11G_Ant1_2437



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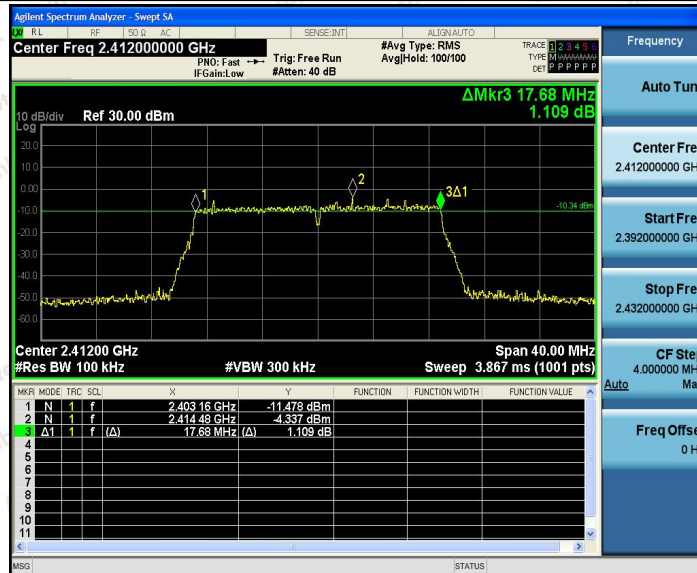
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11G_Ant1_2462



11N20_Ant1_2412



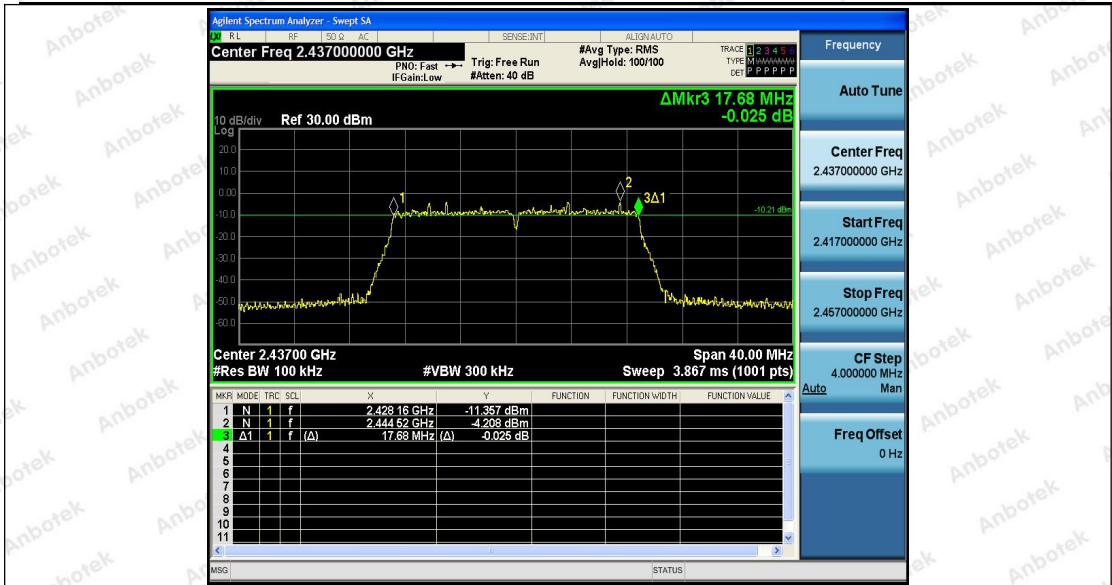
11N20_Ant1_2437

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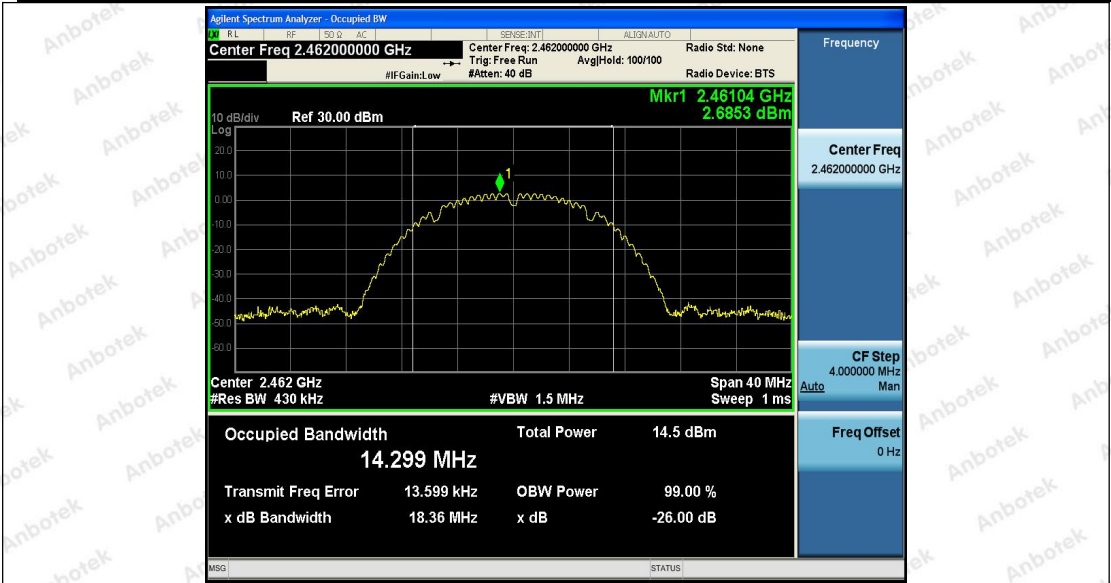
Appendix B: Occupied Channel Bandwidth

Test Result

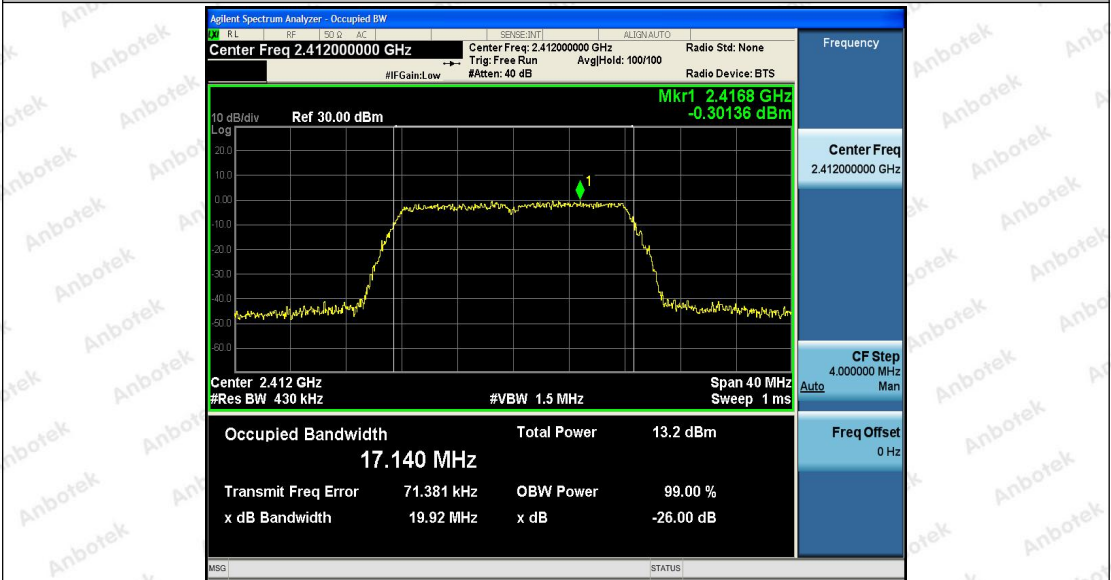
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.343	2404.939	2419.282	---	PASS
		2437	14.241	2429.940	2444.181	---	PASS
		2462	14.299	2454.864	2469.163	---	PASS
11G	Ant1	2412	17.140	2403.501	2420.641	---	PASS
		2437	17.072	2428.541	2445.613	---	PASS
		2462	17.144	2453.440	2470.584	---	PASS
11N20	Ant1	2412	17.942	2403.101	2421.043	---	PASS
		2437	17.905	2428.079	2445.984	---	PASS
		2462	17.901	2453.067	2470.968	---	PASS

Test Graphs





11G_Ant1_2412



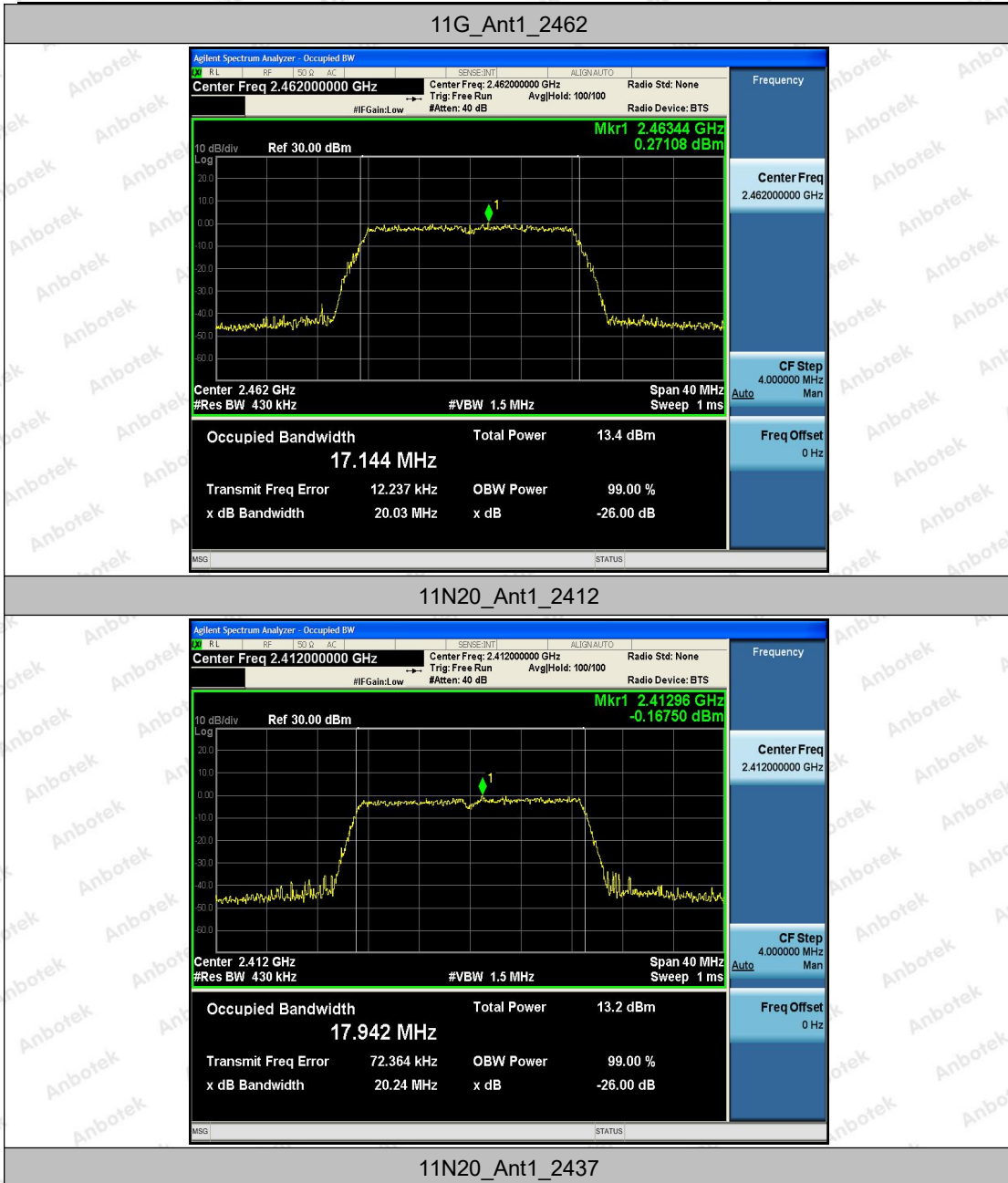
11G_Ant1_2437



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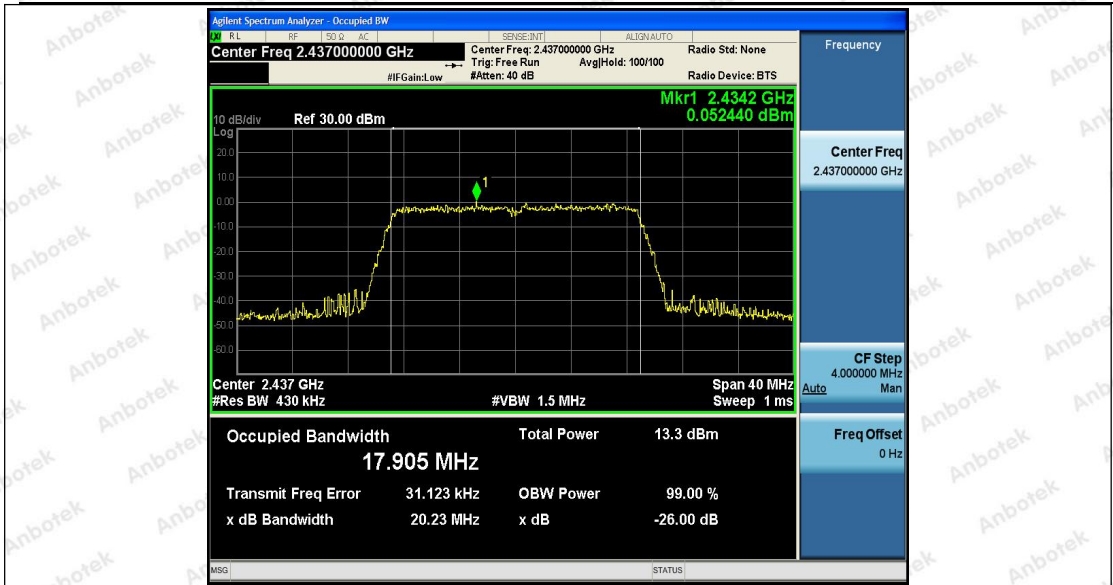


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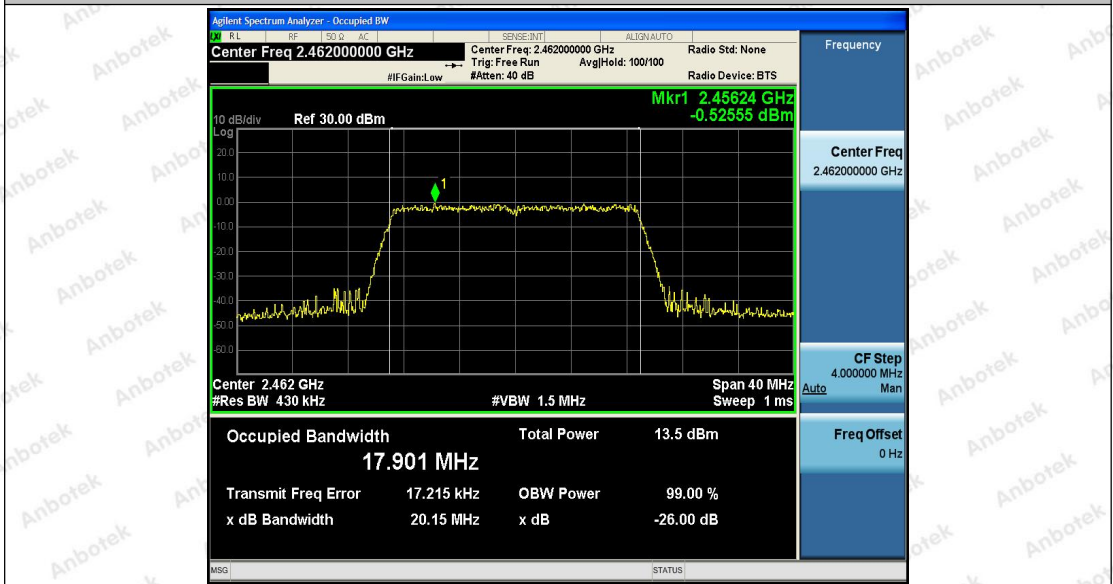
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11N20_Ant1_2462



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Appendix C: Maximum conducted output power

Test Result

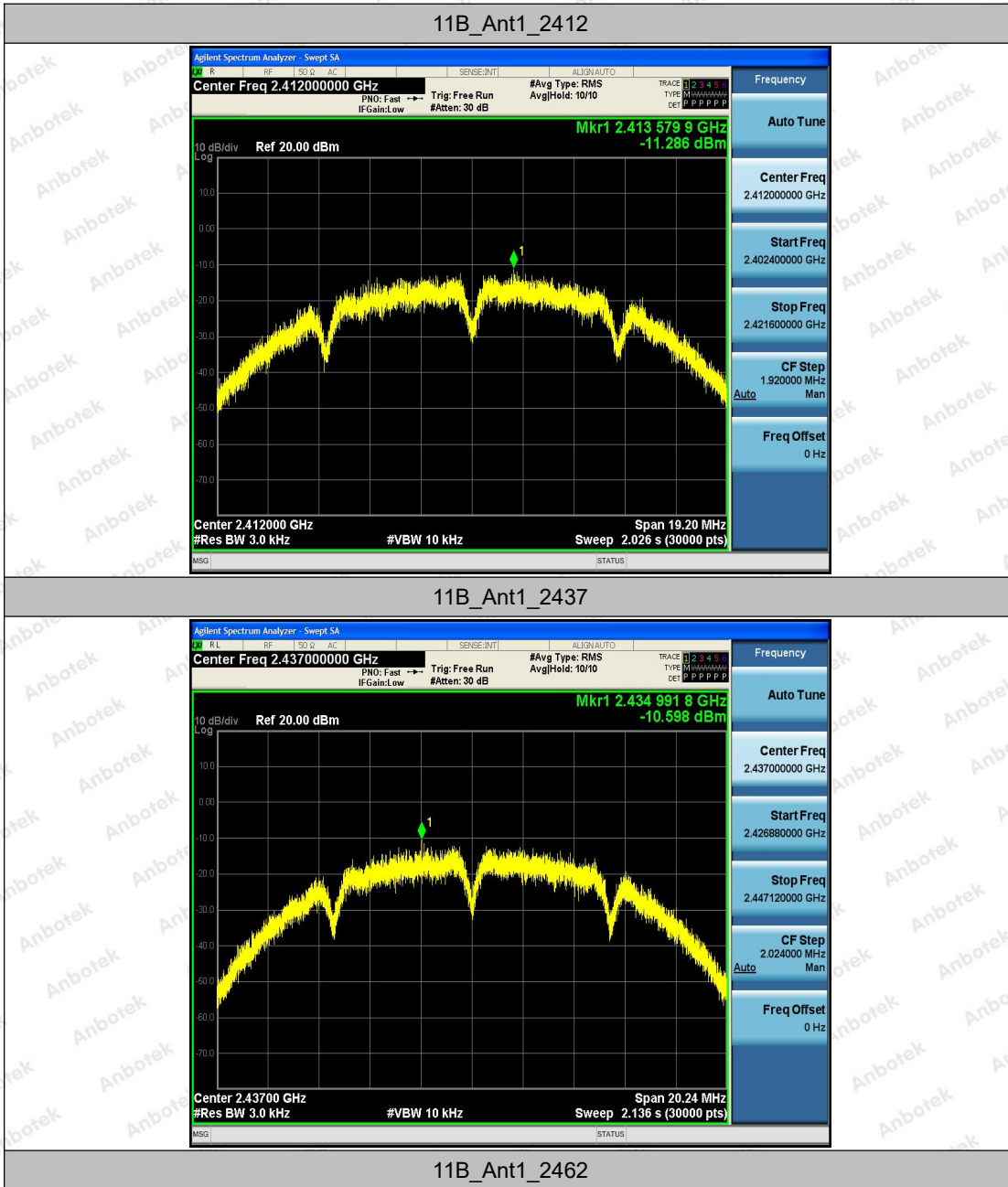
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.30	≤30	PASS
		2437	14.52	≤30	PASS
		2462	14.49	≤30	PASS
11G	Ant1	2412	14.39	≤30	PASS
		2437	14.30	≤30	PASS
		2462	14.64	≤30	PASS
11N20	Ant1	2412	14.34	≤30	PASS
		2437	14.51	≤30	PASS
		2462	14.67	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.29	≤8	PASS
		2437	-10.6	≤8	PASS
		2462	-9.04	≤8	PASS
11G	Ant1	2412	-17.85	≤8	PASS
		2437	-17.89	≤8	PASS
		2462	-18.13	≤8	PASS
11N20	Ant1	2412	-17.67	≤8	PASS
		2437	-18.77	≤8	PASS
		2462	-16.98	≤8	PASS

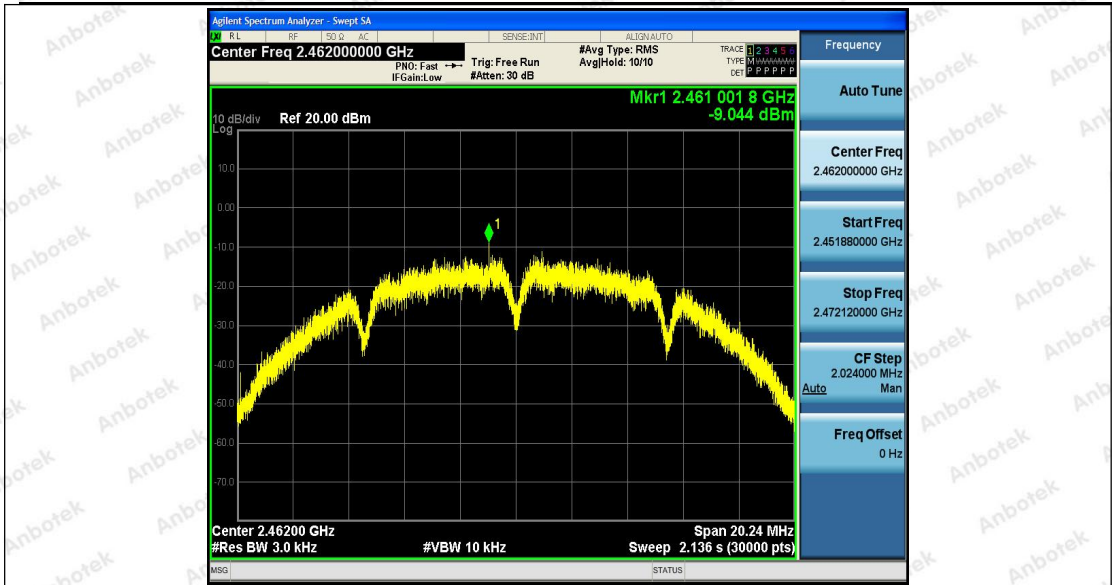
Test Graphs



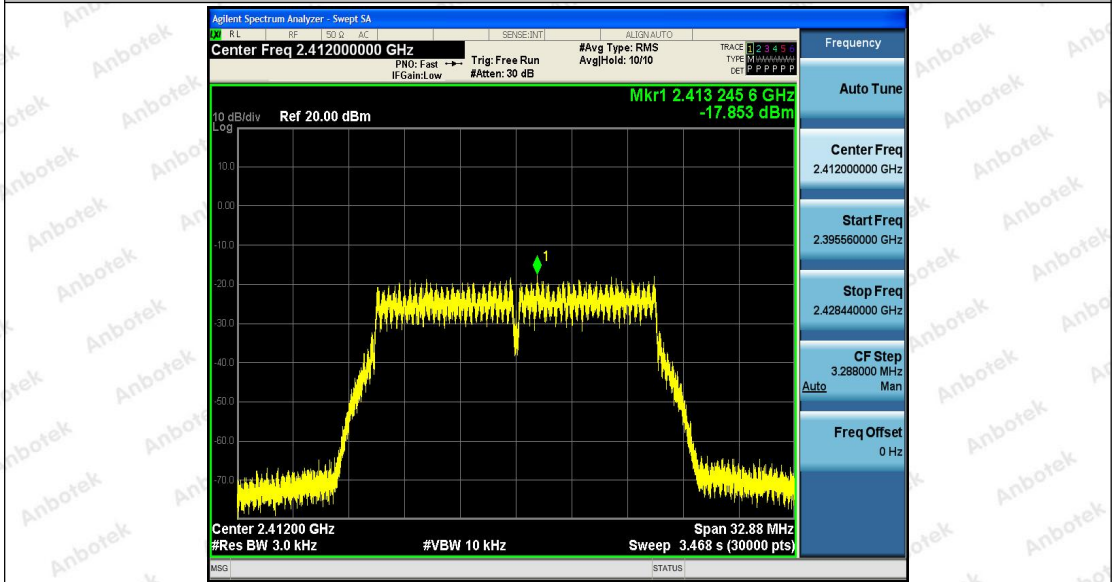
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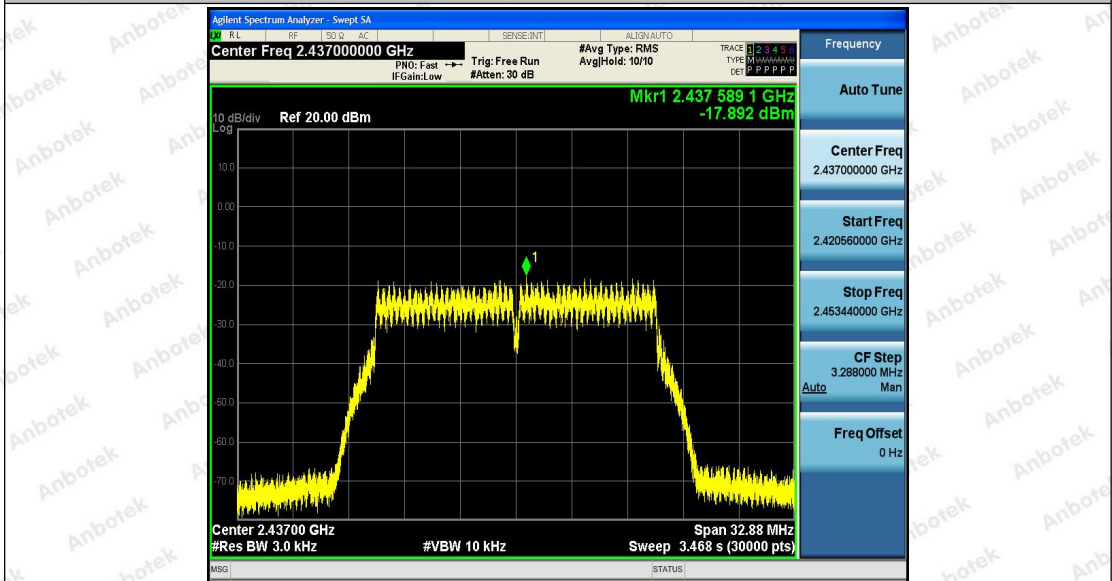
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11G_Ant1_2412



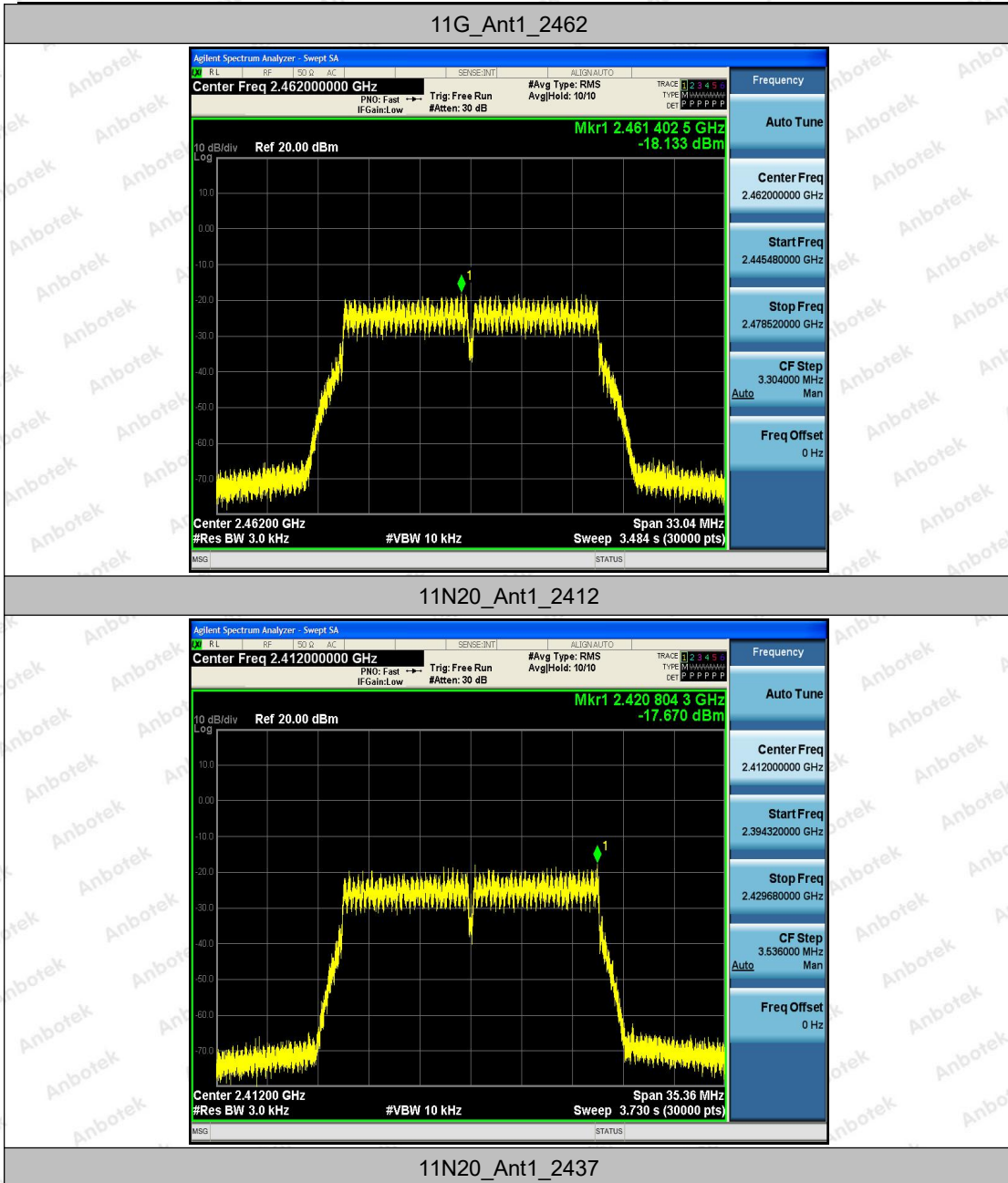
11G_Ant1_2437



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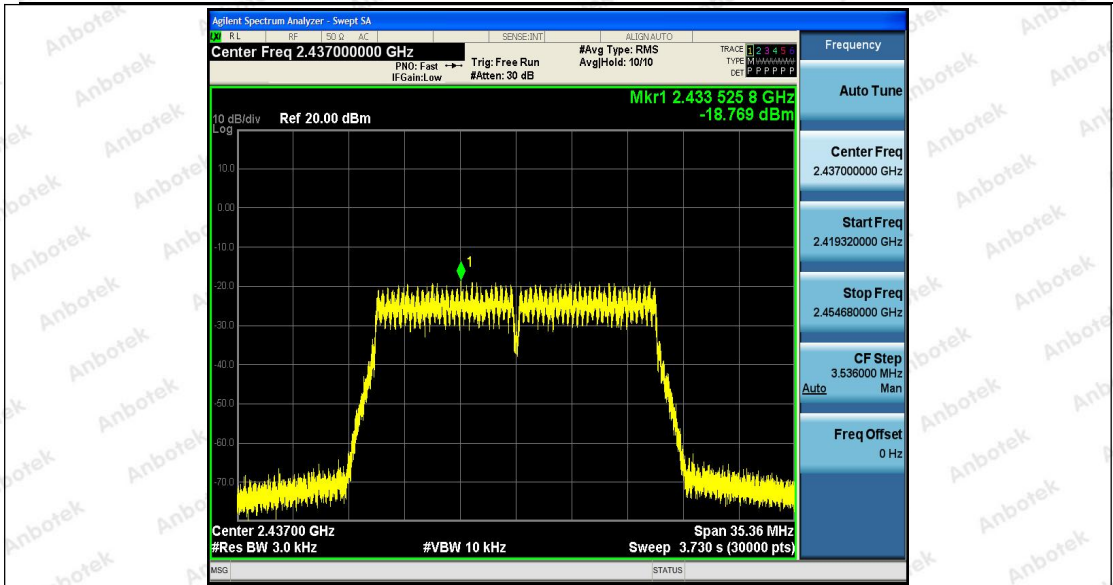
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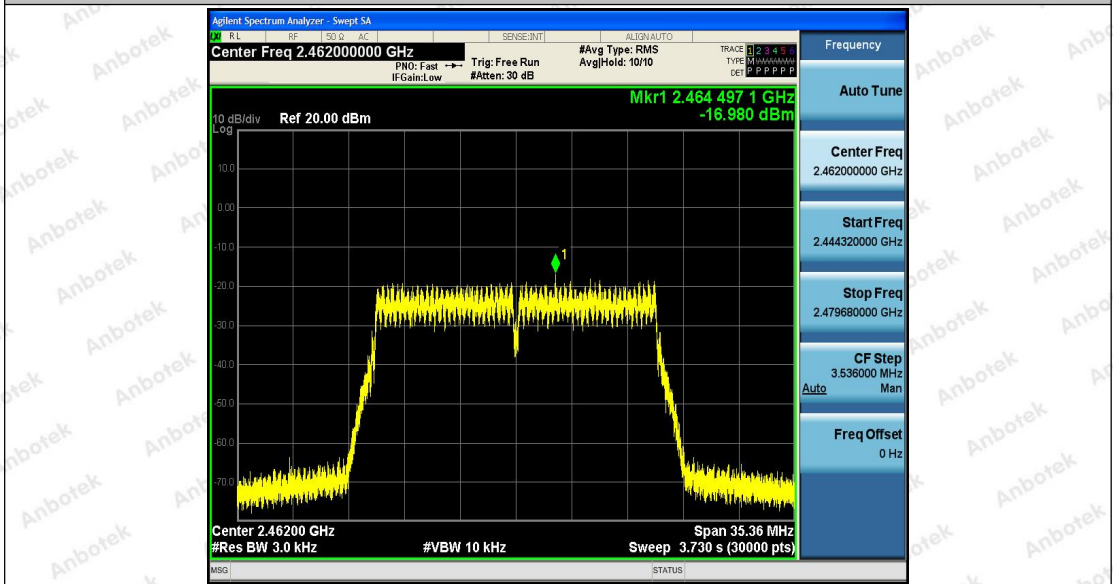
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11N20_Ant1_2462



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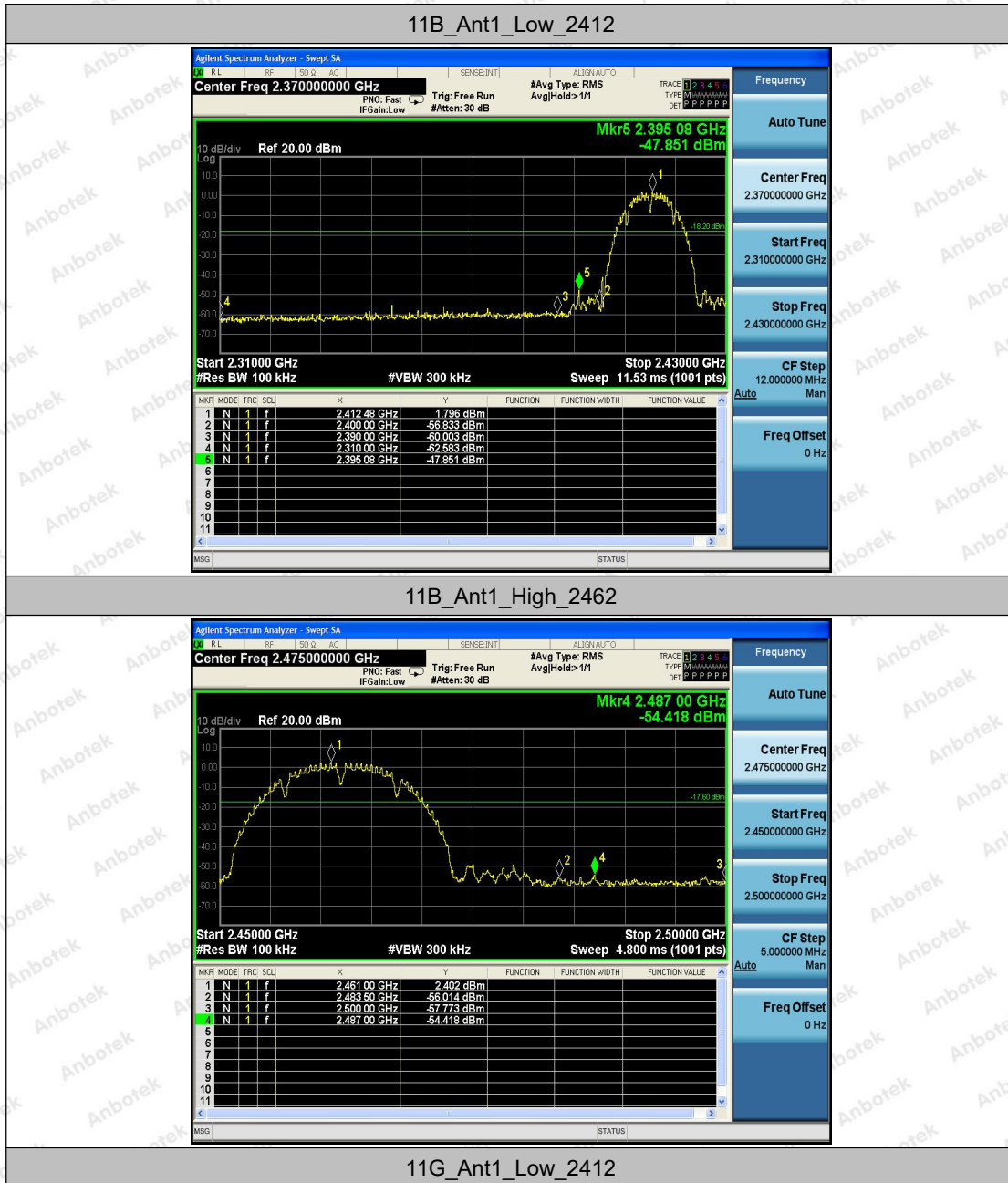
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Appendix E: Band edge measurements

Test Result

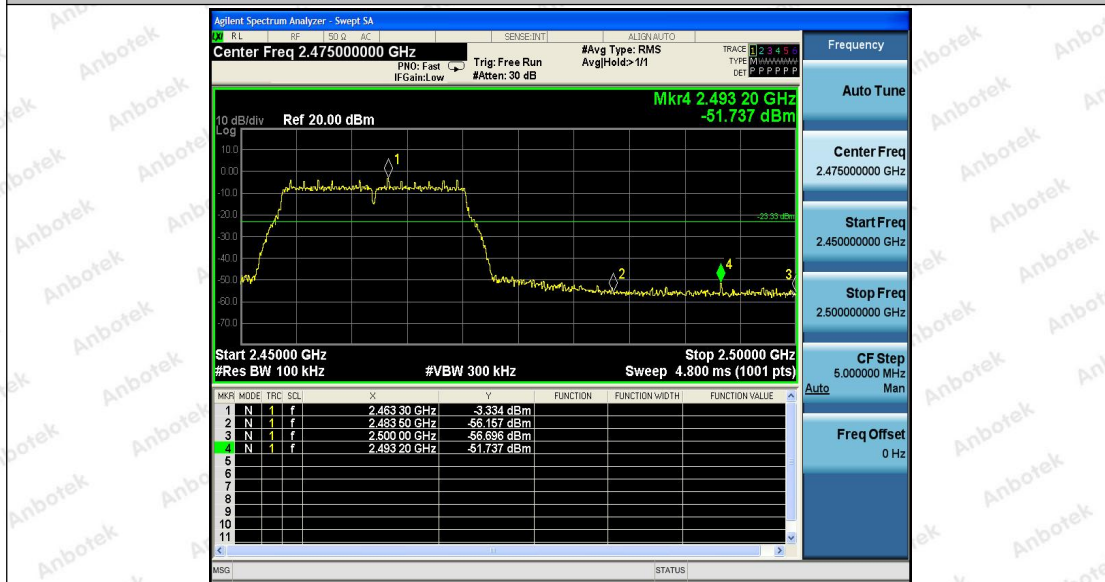
TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.80	-47.85	≤-18.2	PASS
		High	2462	2.40	-54.42	≤-17.6	PASS
11G	Ant1	Low	2412	-3.78	-48.29	≤-23.78	PASS
		High	2462	-3.33	-51.74	≤-23.33	PASS
11N20	Ant1	Low	2412	-4.14	-49.23	≤-24.14	PASS
		High	2462	-3.91	-53.62	≤-23.91	PASS

Test Graphs

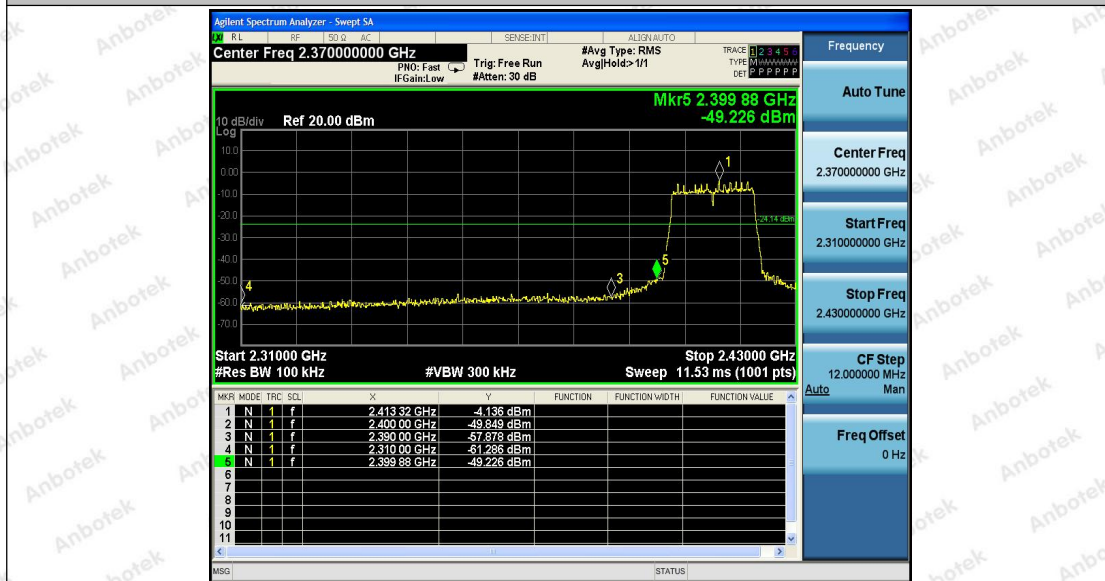




11G_Ant1_High_2462



11N20_Ant1_Low_2412



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