

Appendix Test Data

Report No.:	18220WC10255602	Test Sample No.:	1-2-2
Start Test Date:	2021.11.25	Finish Test Date:	2021.11.26
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	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	10.120	2406.920	2417.040	≥0.5	PASS
		2437	10.160	2431.920	2442.080	≥0.5	PASS
		2462	9.680	2457.400	2467.080	≥0.5	PASS
11G	Ant1	2412	16.080	2404.080	2420.160	≥0.5	PASS
		2437	15.960	2429.000	2444.960	≥0.5	PASS
		2462	14.600	2455.320	2469.920	≥0.5	PASS
11N20	Ant1	2412	17.000	2403.480	2420.480	≥0.5	PASS
		2437	15.200	2429.400	2444.600	≥0.5	PASS
		2462	16.400	2454.400	2470.800	≥0.5	PASS
11N40	Ant1	2422	35.280	2404.360	2439.640	≥0.5	PASS
		2437	35.460	2419.360	2454.820	≥0.5	PASS
		2452	35.280	2434.360	2469.640	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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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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11G_Ant1_2462



11N20_Ant1_2412



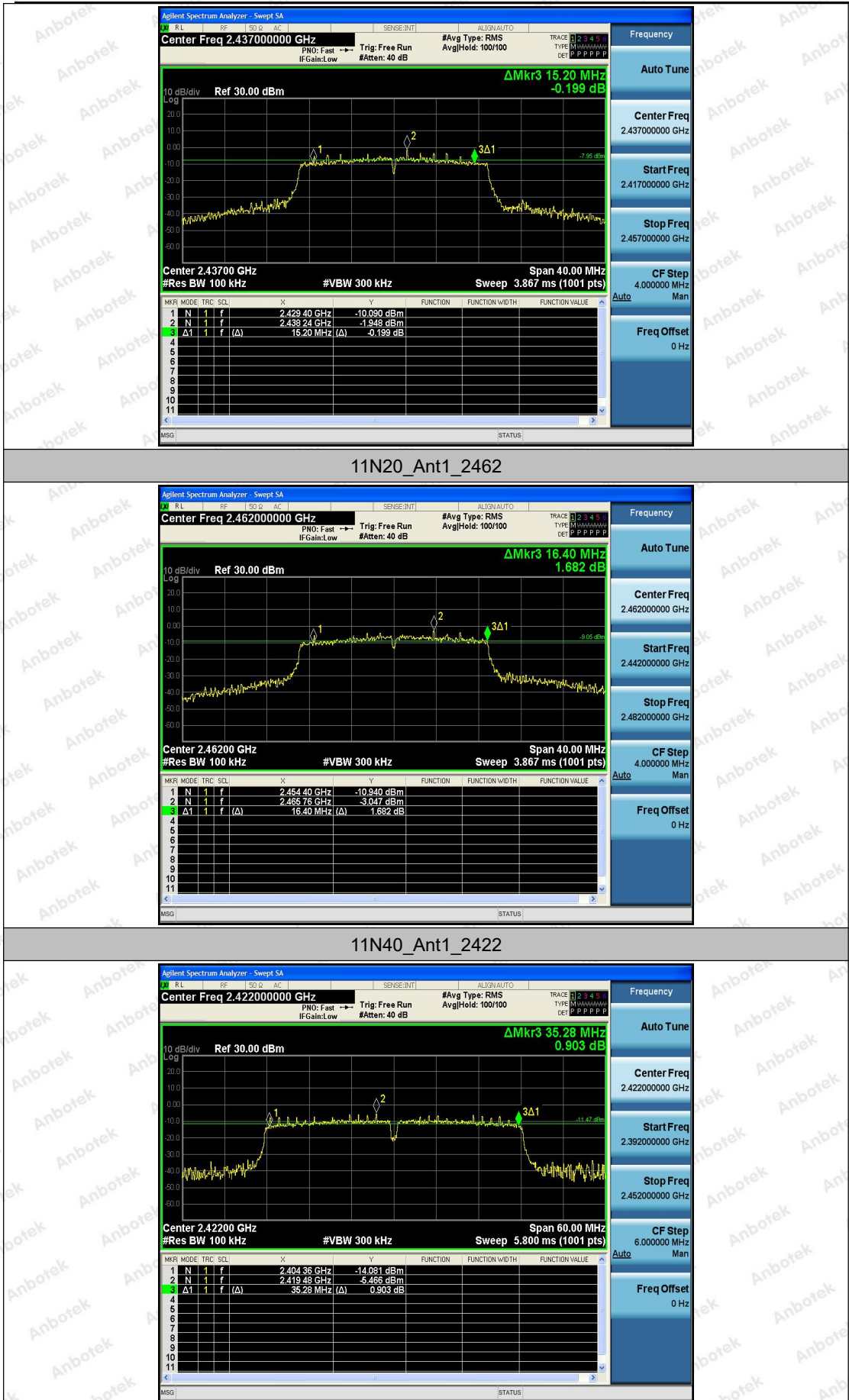
11N20_Ant1_2437

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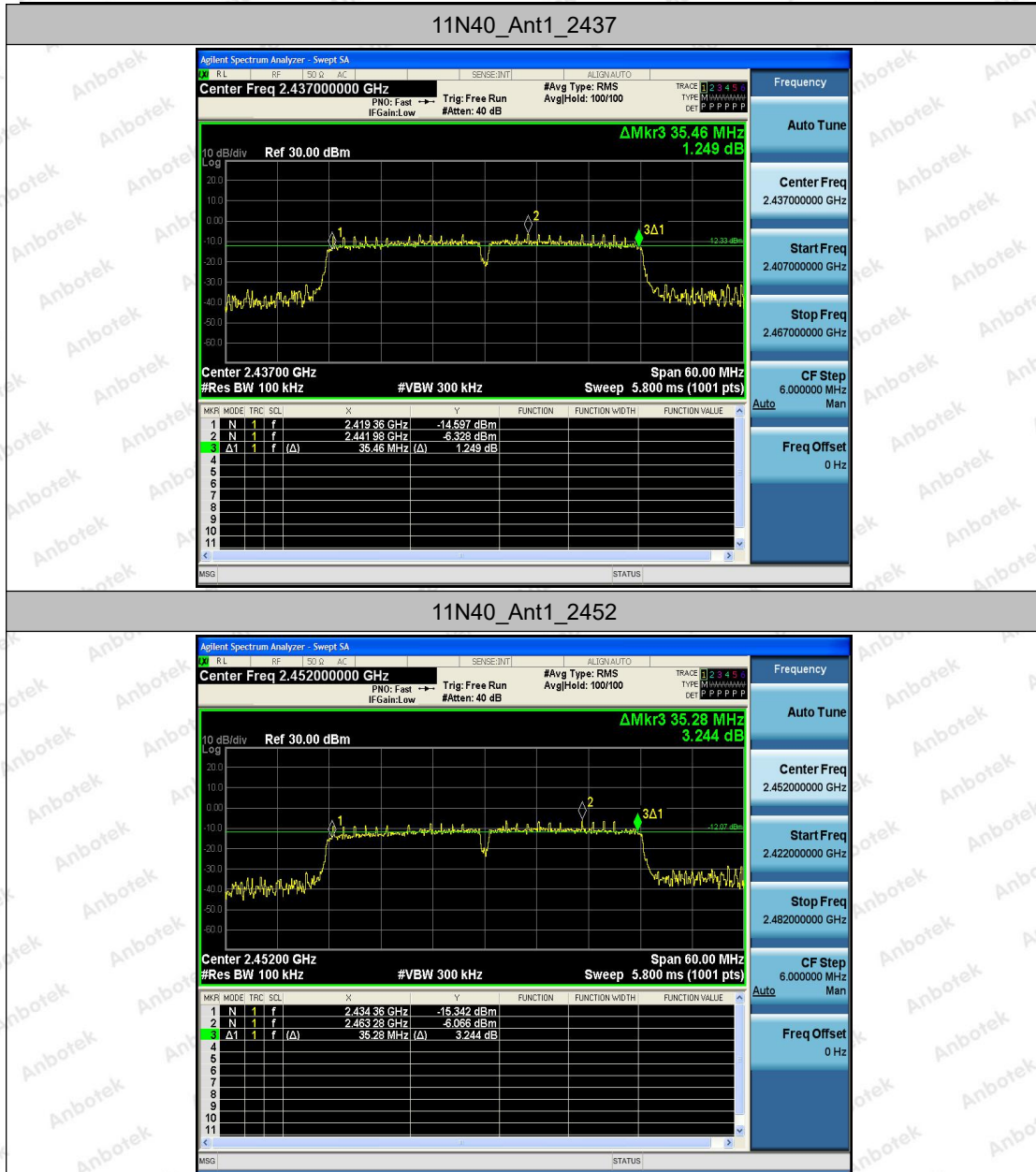


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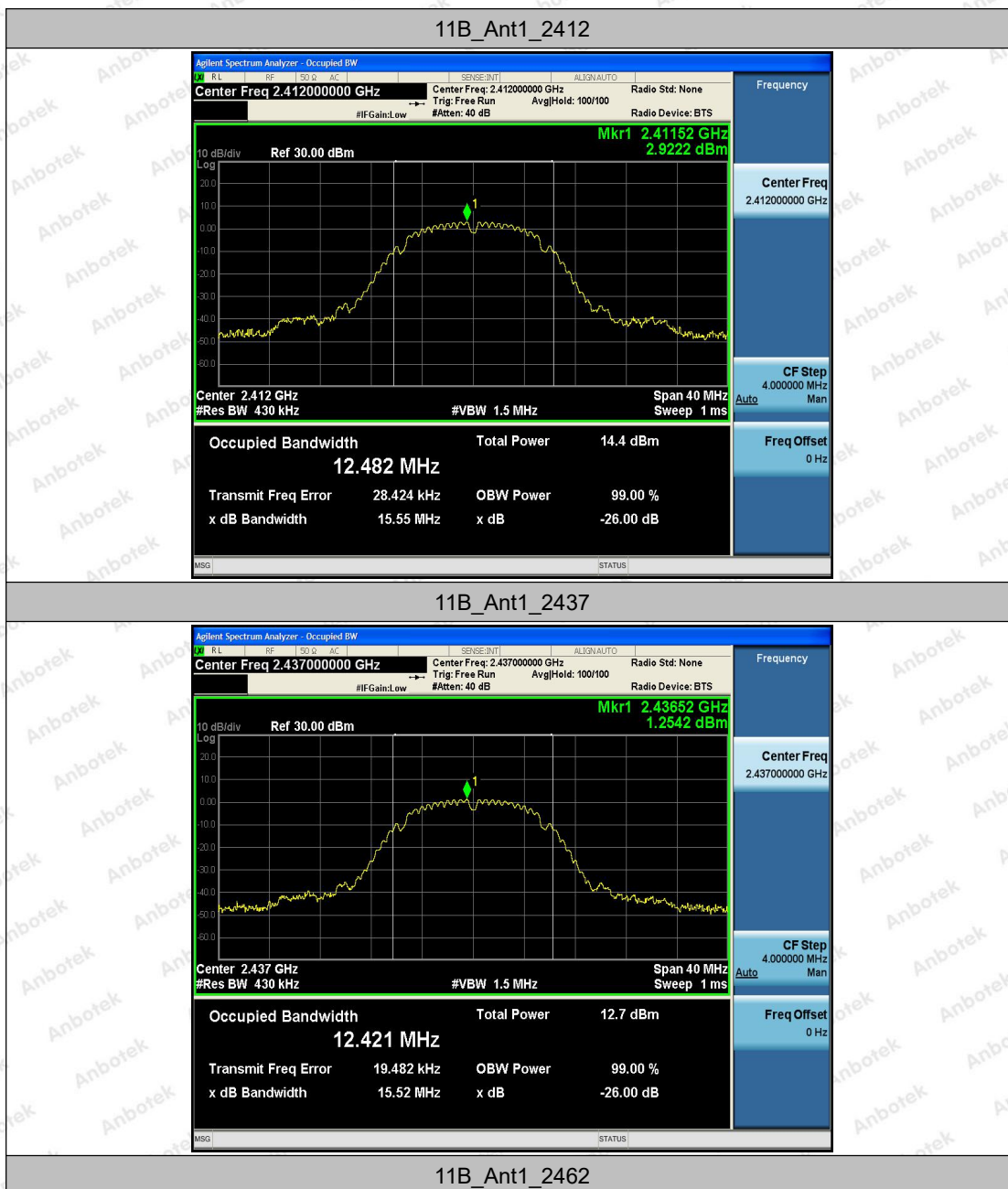
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.482	2405.787	2418.269	---	PASS
		2437	12.421	2430.809	2443.230	---	PASS
		2462	12.405	2455.907	2468.312	---	PASS
11G	Ant1	2412	16.781	2403.634	2420.415	---	PASS
		2437	16.969	2428.508	2445.477	---	PASS
		2462	17.176	2453.535	2470.711	---	PASS
11N20	Ant1	2412	17.733	2403.151	2420.884	---	PASS
		2437	17.897	2428.089	2445.986	---	PASS
		2462	17.982	2453.131	2471.113	---	PASS
11N40	Ant1	2422	36.005	2404.058	2440.063	---	PASS
		2437	36.099	2419.010	2455.109	---	PASS
		2452	36.246	2434.031	2470.277	---	PASS

Test Graphs

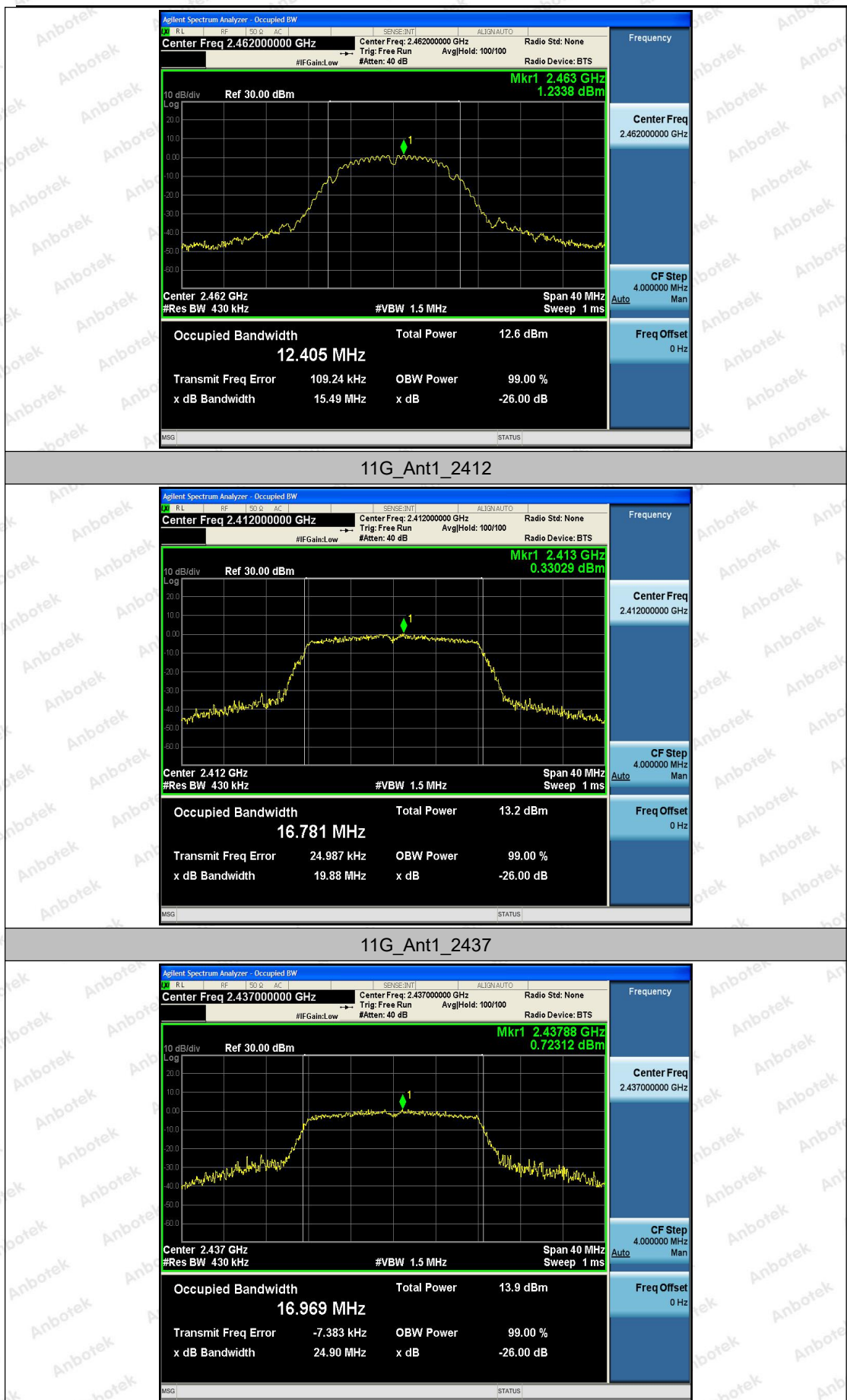


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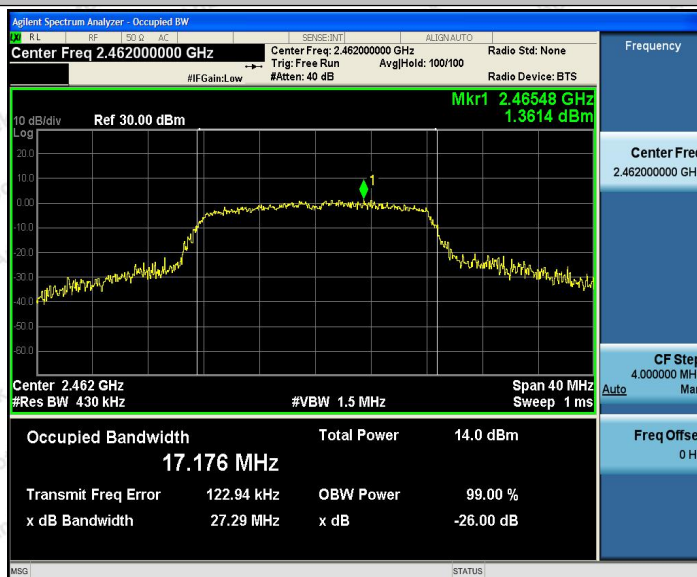
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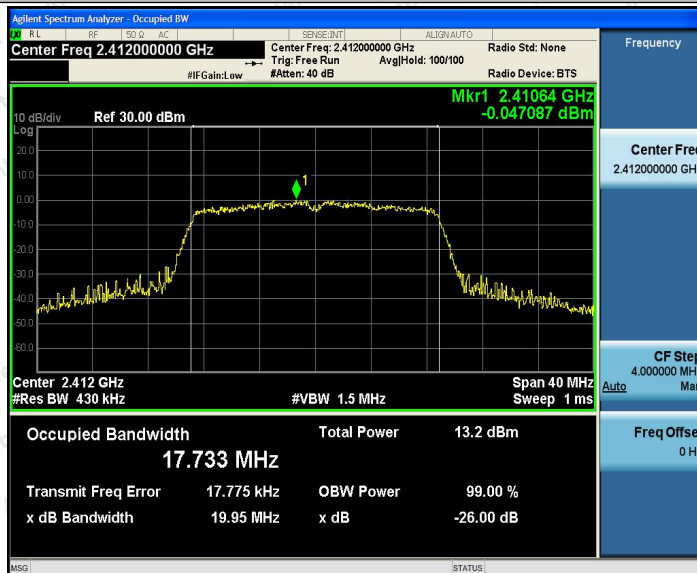
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11G_Ant1_2462



11N20_Ant1_2412



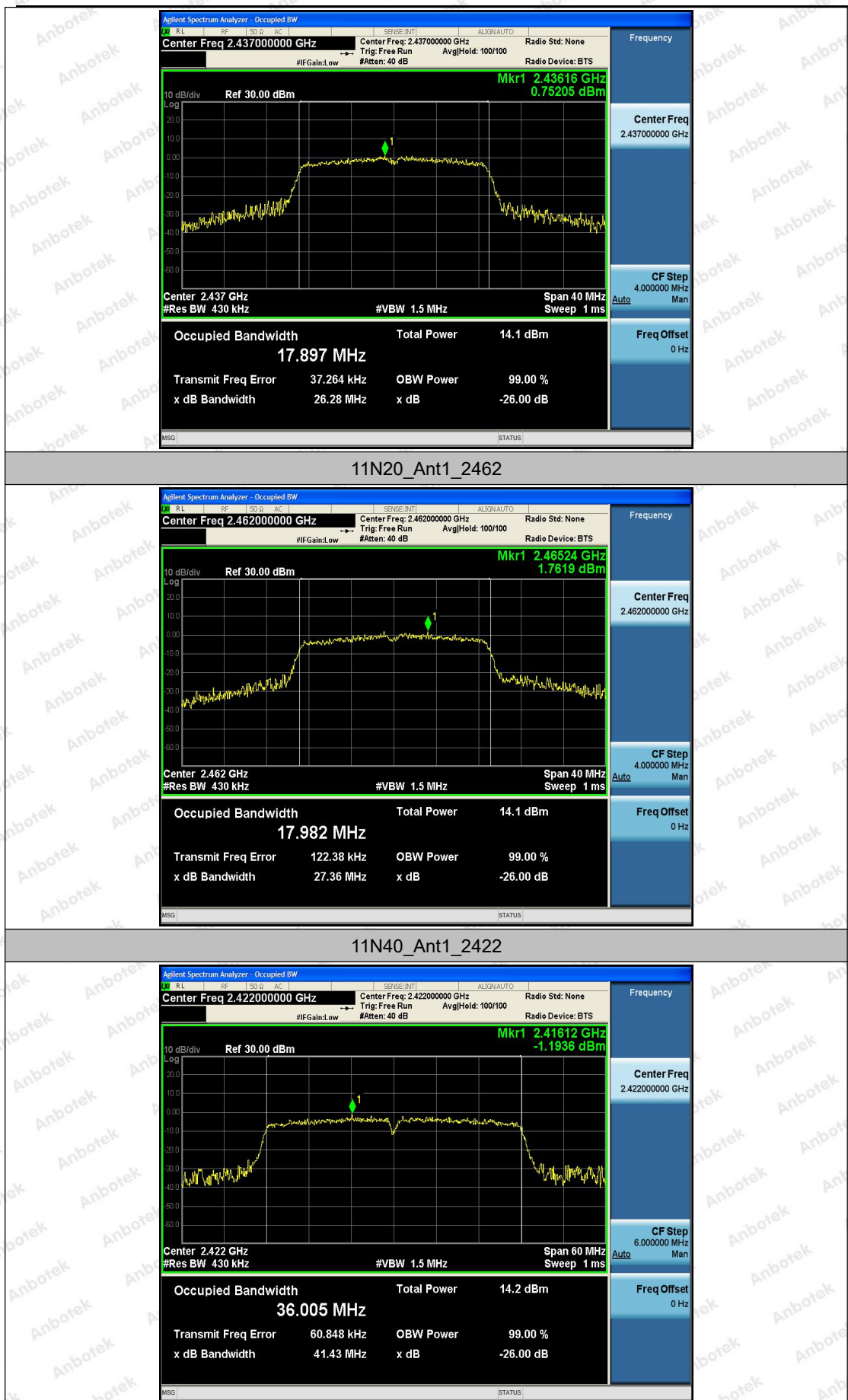
11N20_Ant1_2437

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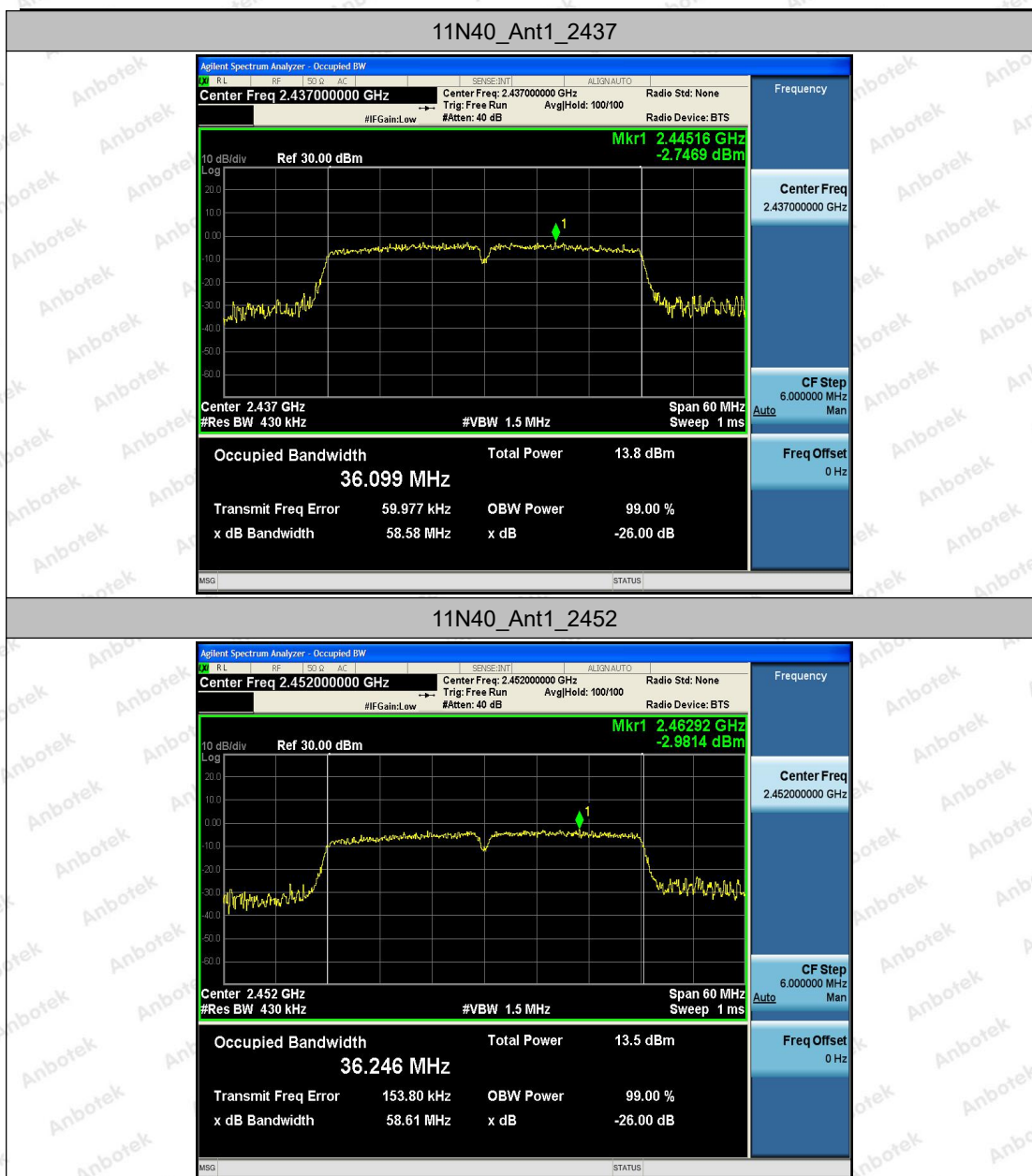


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Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.40	≤30	PASS
		2437	12.72	≤30	PASS
		2462	12.59	≤30	PASS
11G	Ant1	2412	14.32	≤30	PASS
		2437	14.97	≤30	PASS
		2462	15.05	≤30	PASS
11N20	Ant1	2412	14.12	≤30	PASS
		2437	14.92	≤30	PASS
		2462	15.16	≤30	PASS
11N40	Ant1	2422	13.16	≤30	PASS
		2437	12.68	≤30	PASS
		2452	12.44	≤30	PASS

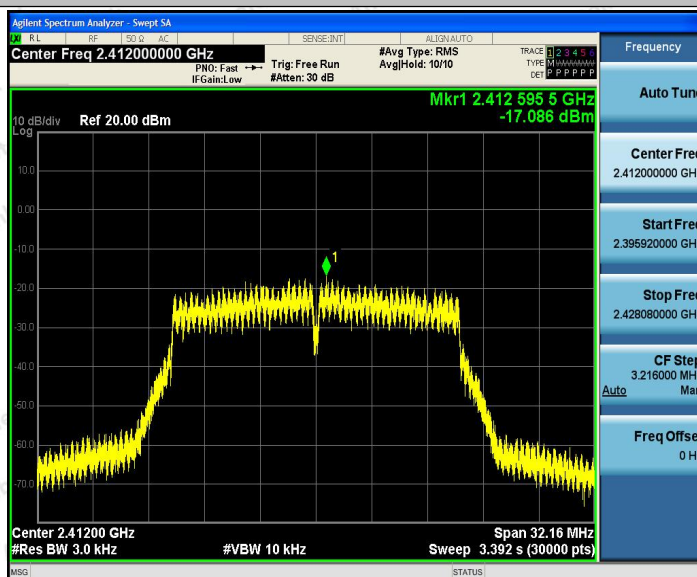
Appendix D: Maximum power spectral density

Test Result

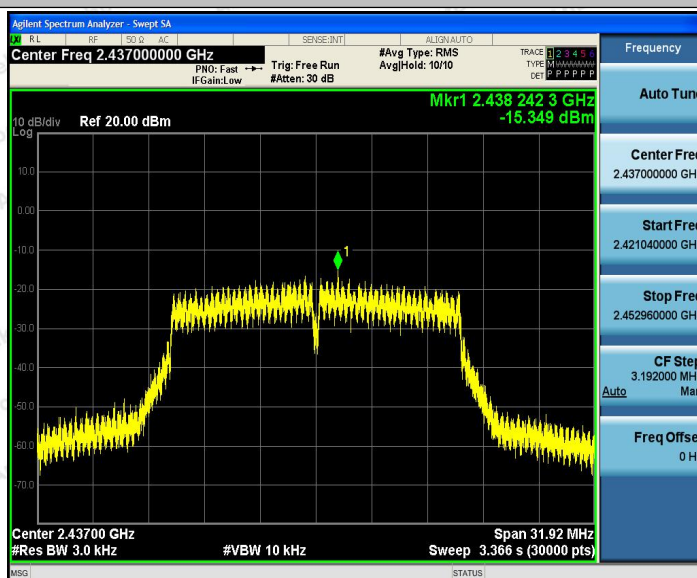
TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.94	≤8	PASS
		2437	-12.65	≤8	PASS
		2462	-12.28	≤8	PASS
11G	Ant1	2412	-17.09	≤8	PASS
		2437	-15.35	≤8	PASS
		2462	-15.31	≤8	PASS
11N20	Ant1	2412	-17.6	≤8	PASS
		2437	-16.92	≤8	PASS
		2462	-16.37	≤8	PASS
11N40	Ant1	2422	-19.66	≤8	PASS
		2437	-18.65	≤8	PASS
		2452	-19.5	≤8	PASS



11G_Ant1_2412



11G_Ant1_2437



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