

Appendix Test Data

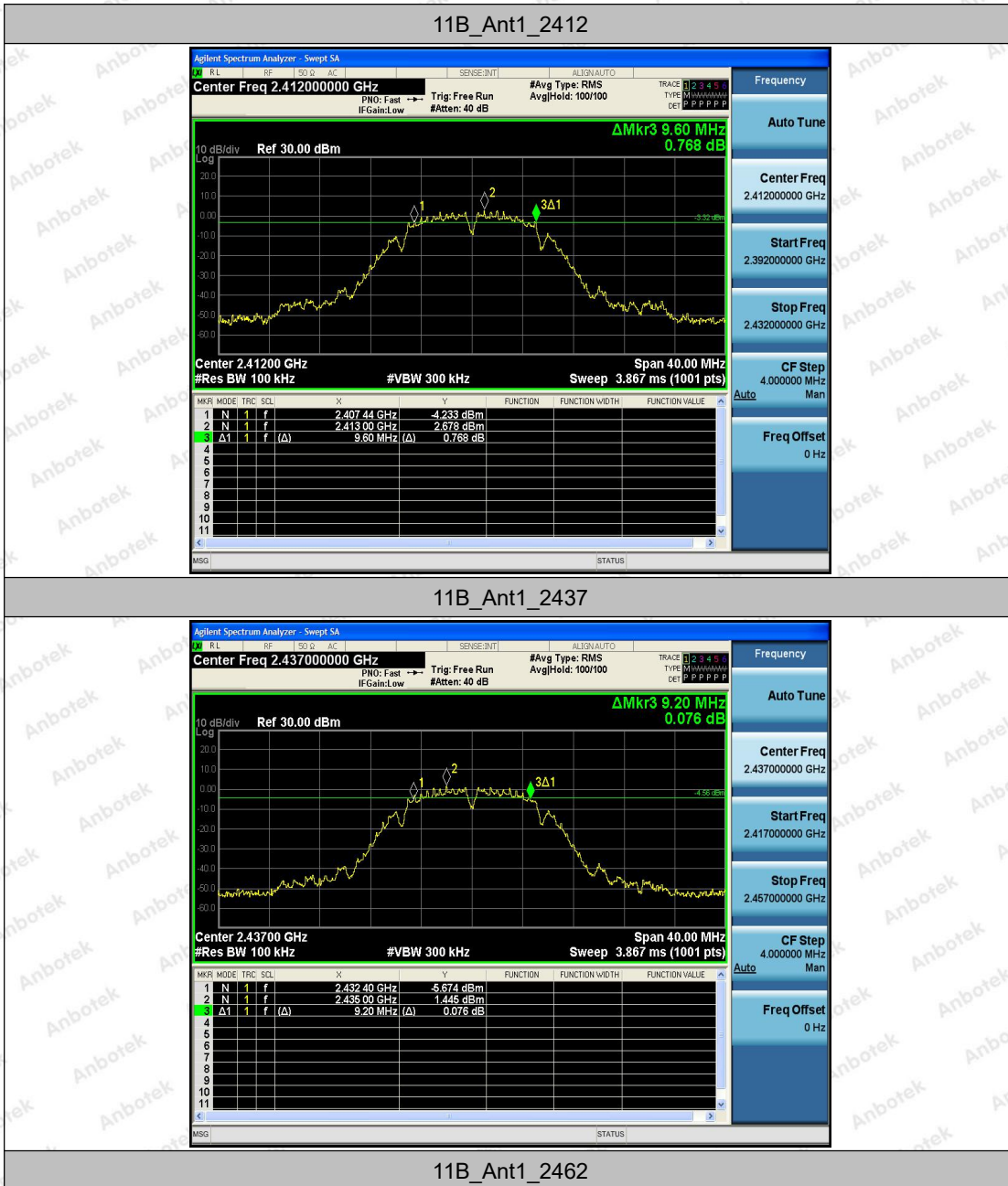
Report No.:	18220WC10290501	Test Sample No.:	1-2-2
Start Test Date:	2021.12.28	Finish Test Date:	2022.1.5
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	22.3°C	Relative Humidity:	57 %
Pressure:	1012 hPa		

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.600	2407.440	2417.040	≥0.5	PASS
		2437	9.200	2432.400	2441.600	≥0.5	PASS
		2462	10.120	2456.960	2467.080	≥0.5	PASS
11G	Ant1	2412	15.440	2404.400	2419.840	≥0.5	PASS
		2437	15.400	2429.400	2444.800	≥0.5	PASS
		2462	15.800	2454.400	2470.200	≥0.5	PASS
11N20	Ant1	2412	16.120	2404.440	2420.560	≥0.5	PASS
		2437	14.160	2430.640	2444.800	≥0.5	PASS
		2462	15.120	2454.480	2469.600	≥0.5	PASS

Test Graphs

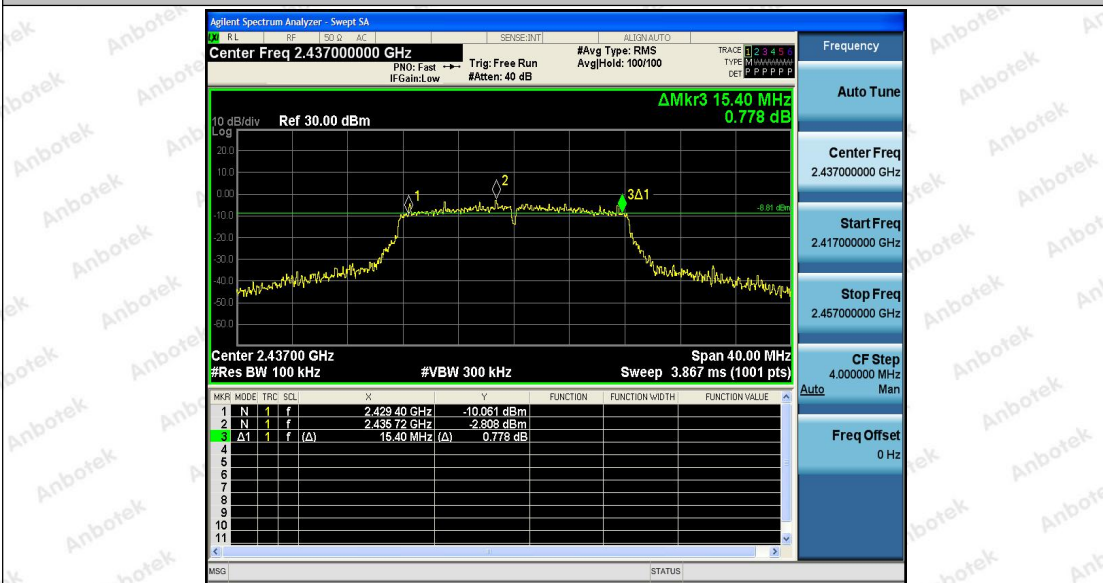




11G_Ant1_2412



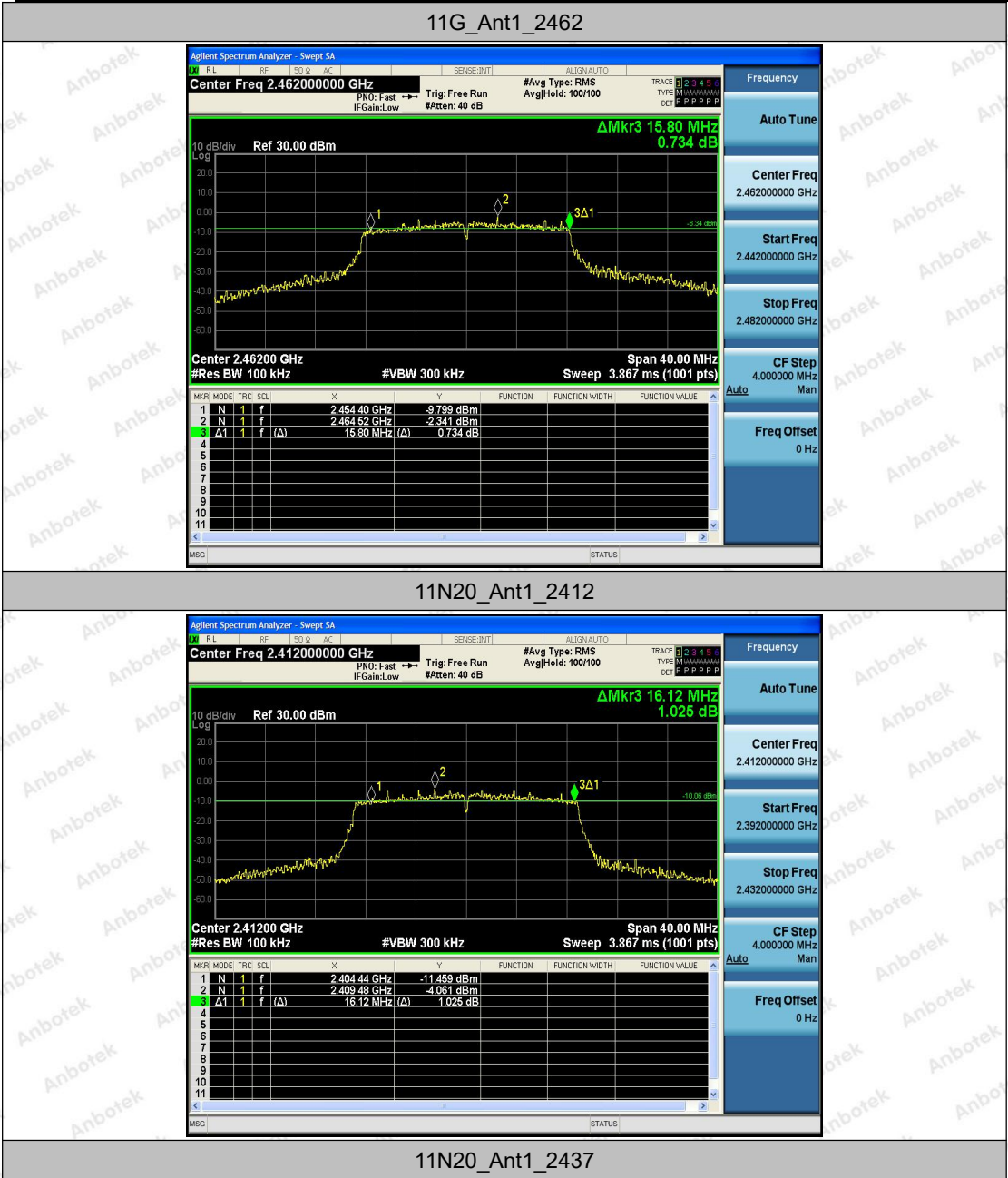
11G_Ant1_2437



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11N20_Ant1_2462



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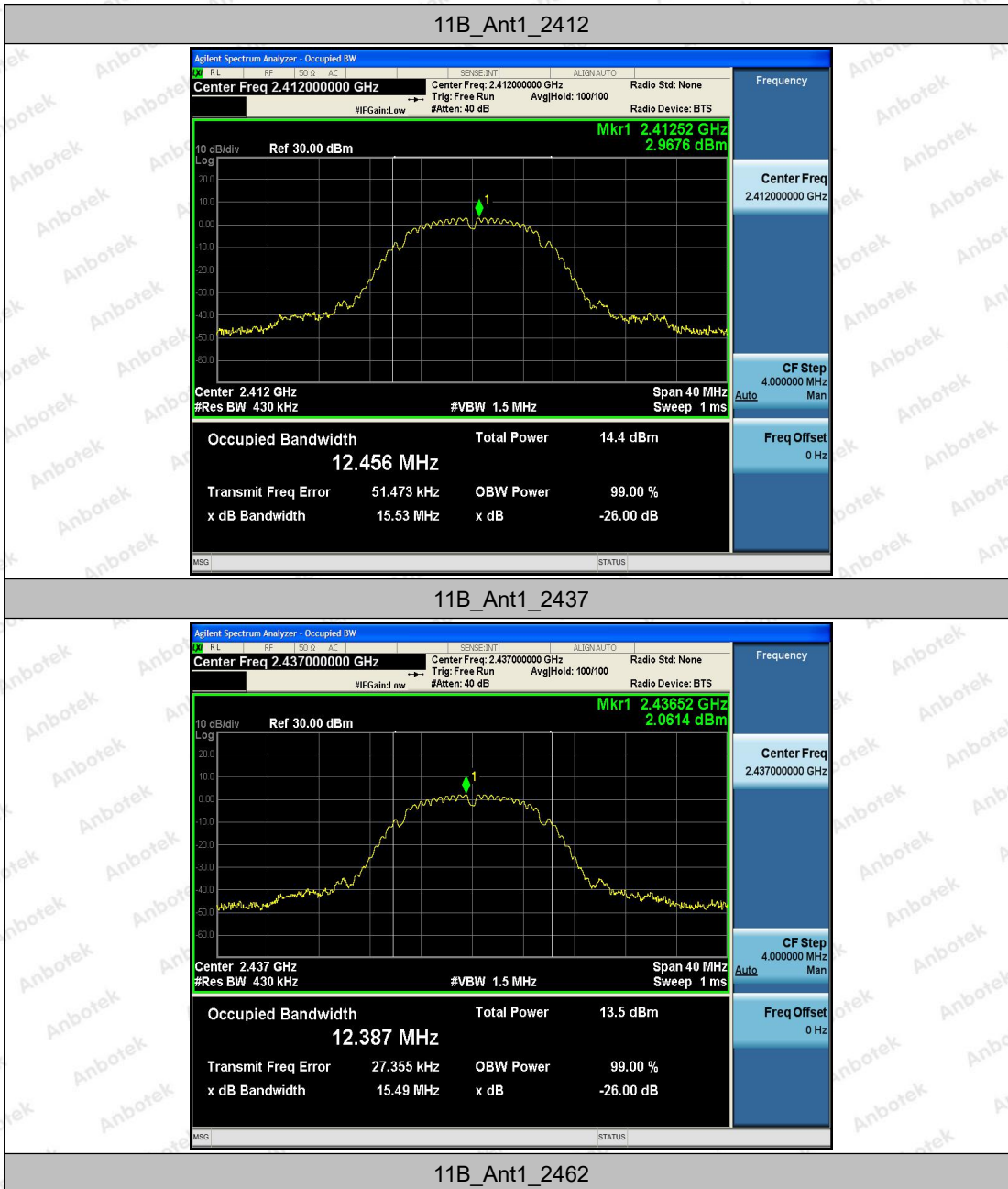
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.456	2405.823	2418.279	---	PASS
		2437	12.387	2430.834	2443.221	---	PASS
		2462	12.414	2455.911	2468.325	---	PASS
11G	Ant1	2412	16.779	2403.621	2420.400	---	PASS
		2437	17.074	2428.467	2445.541	---	PASS
		2462	17.238	2453.534	2470.772	---	PASS
11N20	Ant1	2412	17.684	2403.181	2420.865	---	PASS
		2437	17.846	2428.094	2445.940	---	PASS
		2462	18.054	2453.108	2471.162	---	PASS

Test Graphs



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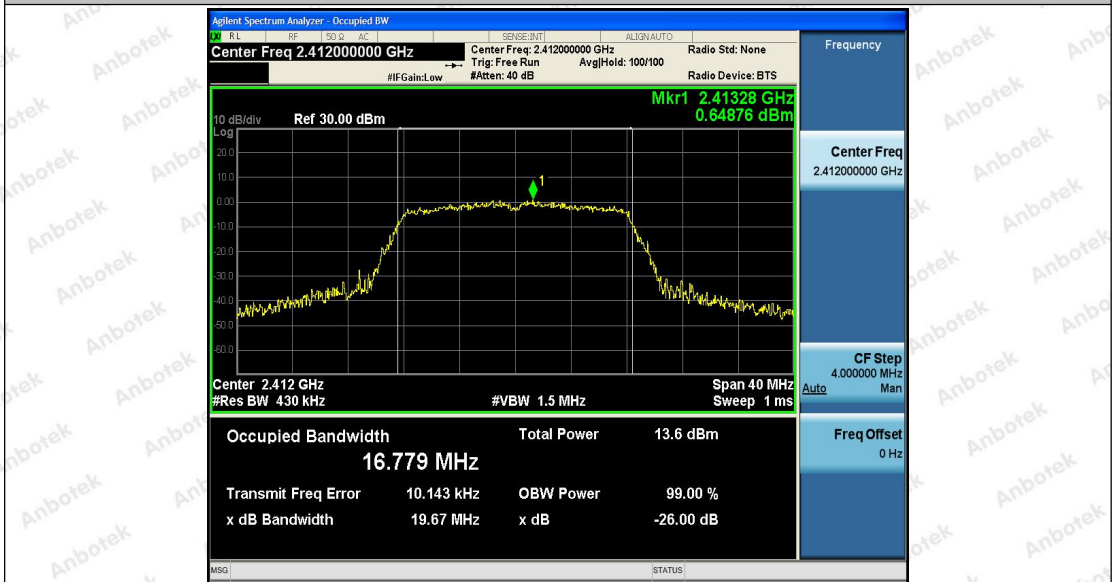
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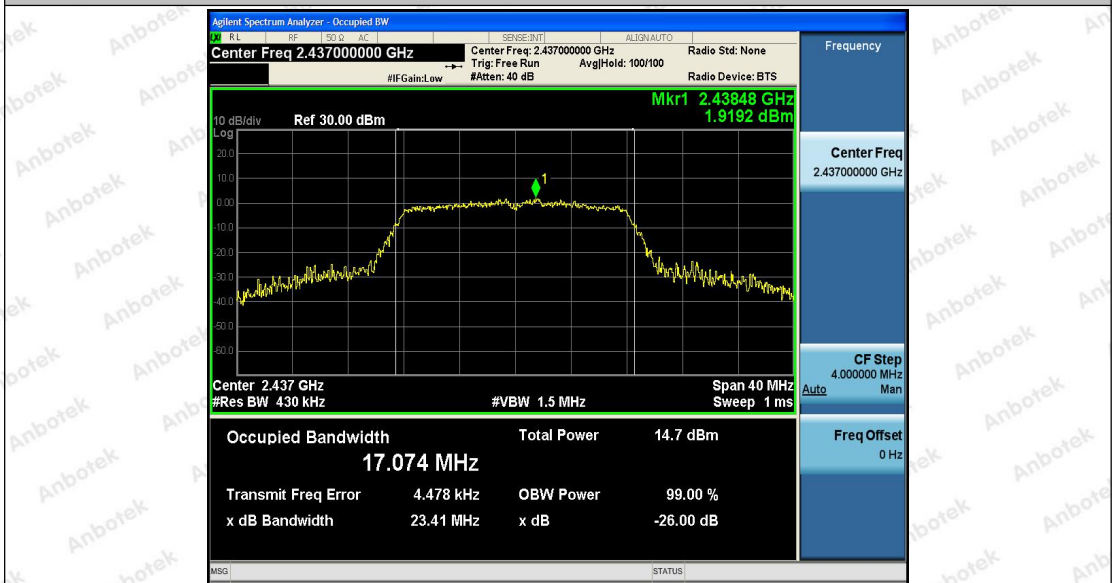
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11G_Ant1_2412



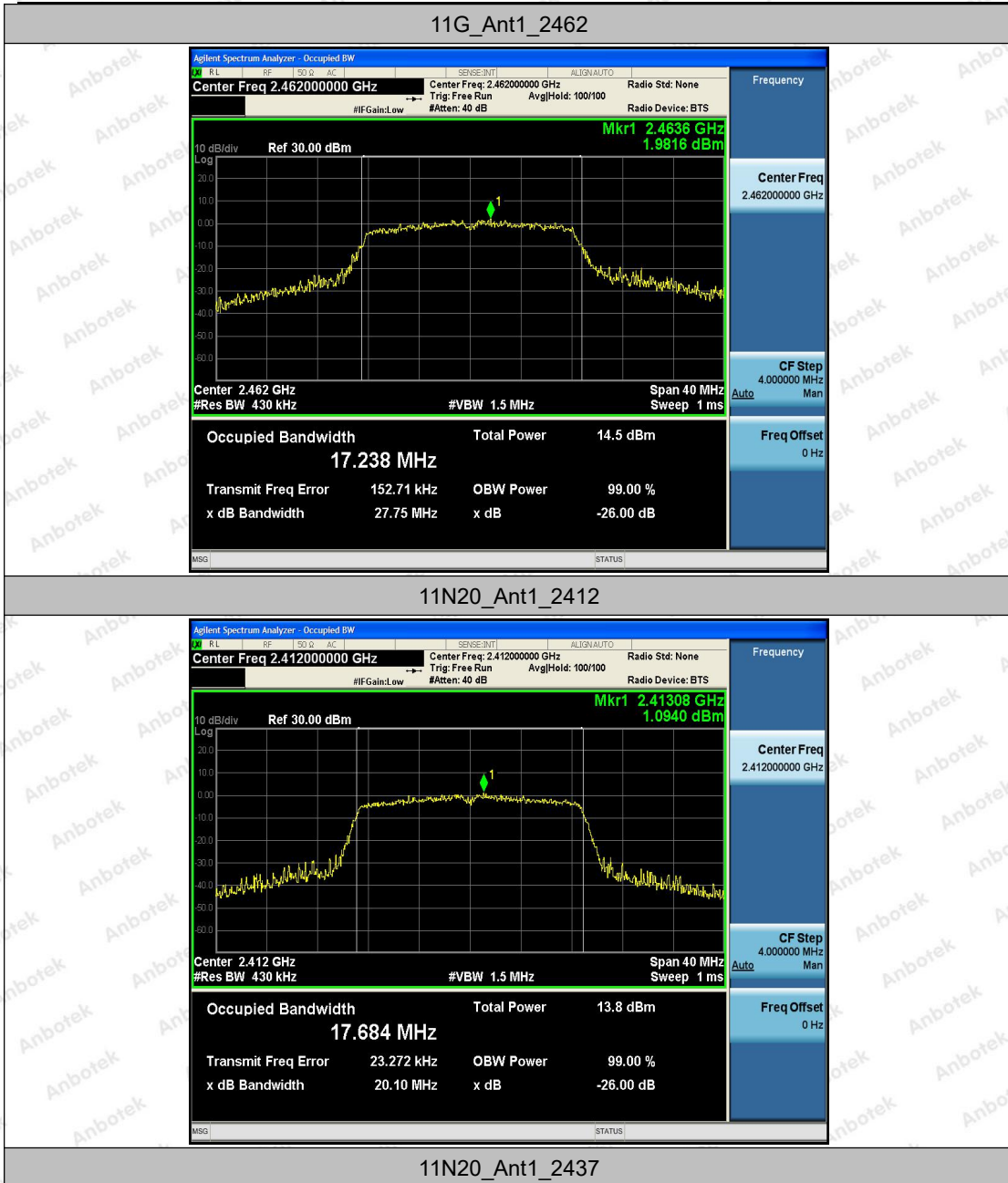
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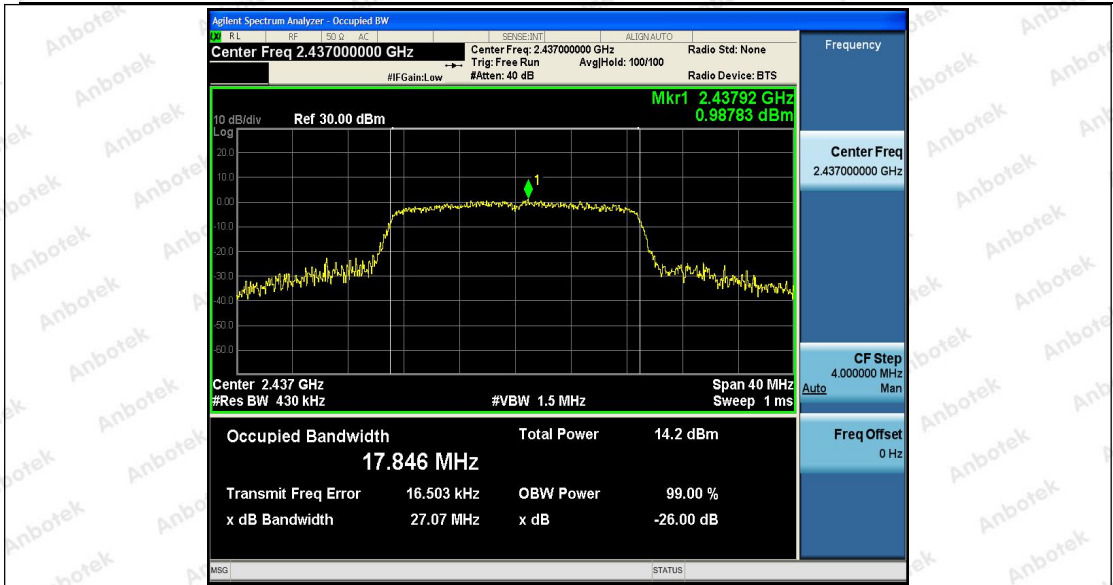


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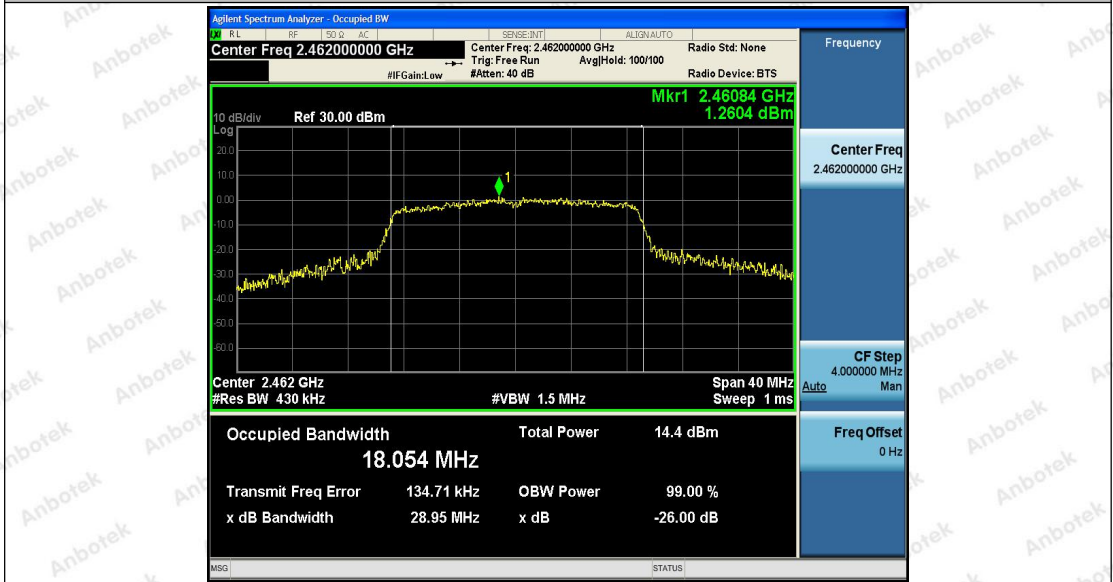
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Appendix C: Maximum conducted output power

Test Result

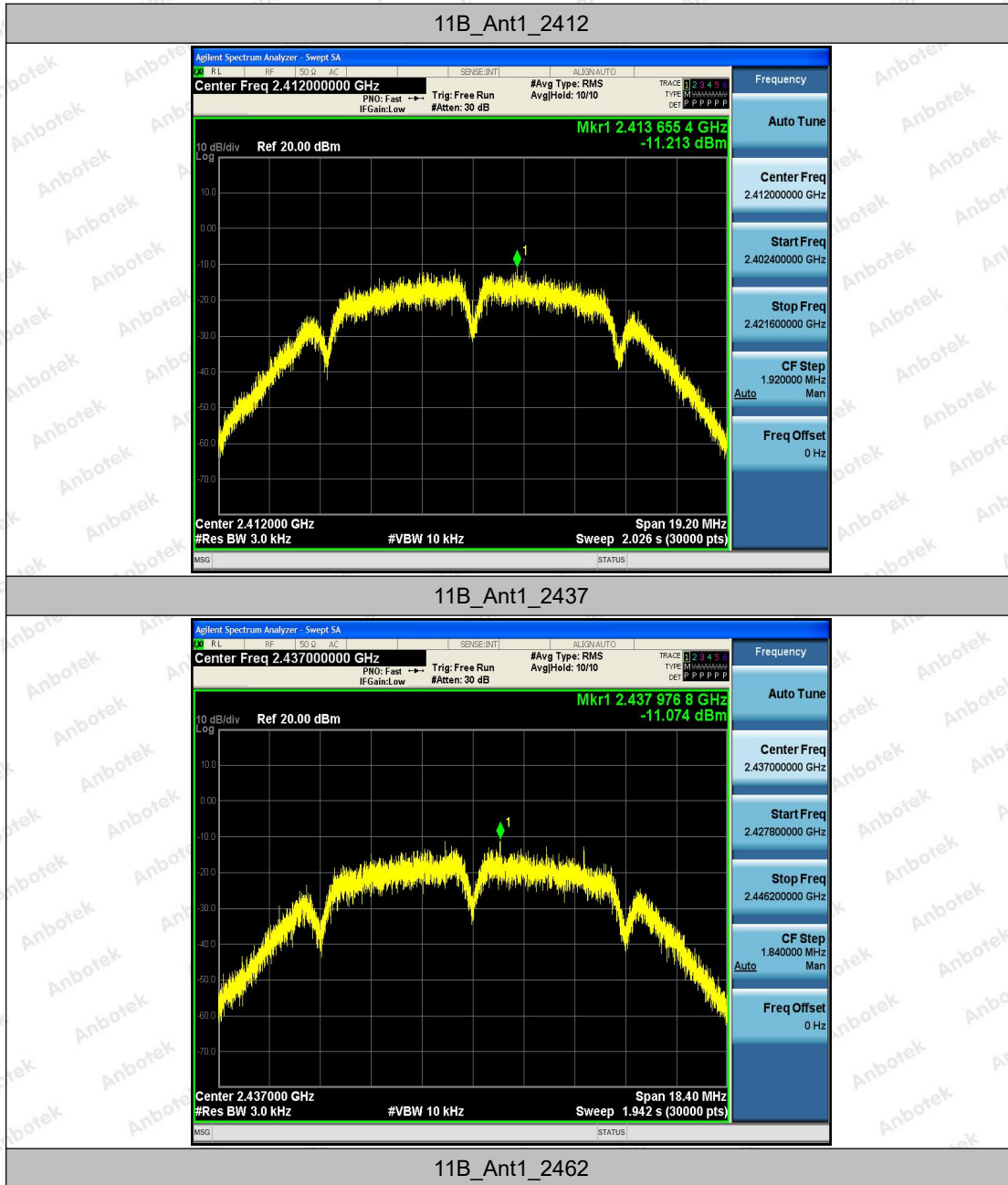
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.40	≤30	PASS
		2437	13.48	≤30	PASS
		2462	13.73	≤30	PASS
11G	Ant1	2412	14.64	≤30	PASS
		2437	15.41	≤30	PASS
		2462	15.72	≤30	PASS
11N20	Ant1	2412	14.66	≤30	PASS
		2437	15.32	≤30	PASS
		2462	15.46	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.21	≤8	PASS
		2437	-11.07	≤8	PASS
		2462	-11.87	≤8	PASS
11G	Ant1	2412	-16.14	≤8	PASS
		2437	-15.9	≤8	PASS
		2462	-16.33	≤8	PASS
11N20	Ant1	2412	-16.86	≤8	PASS
		2437	-16.95	≤8	PASS
		2462	-16.26	≤8	PASS

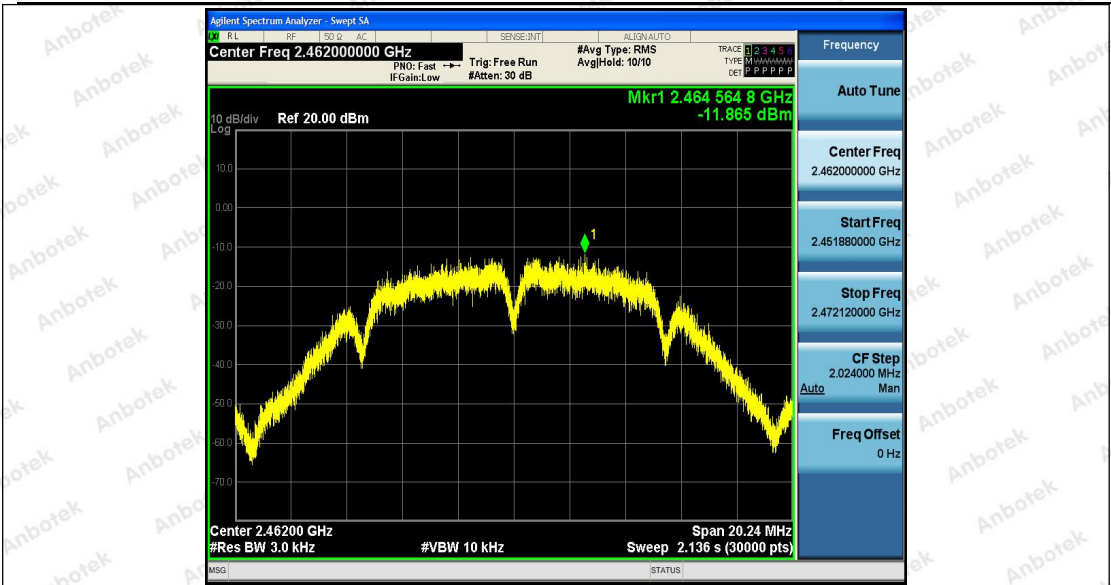
Test Graphs



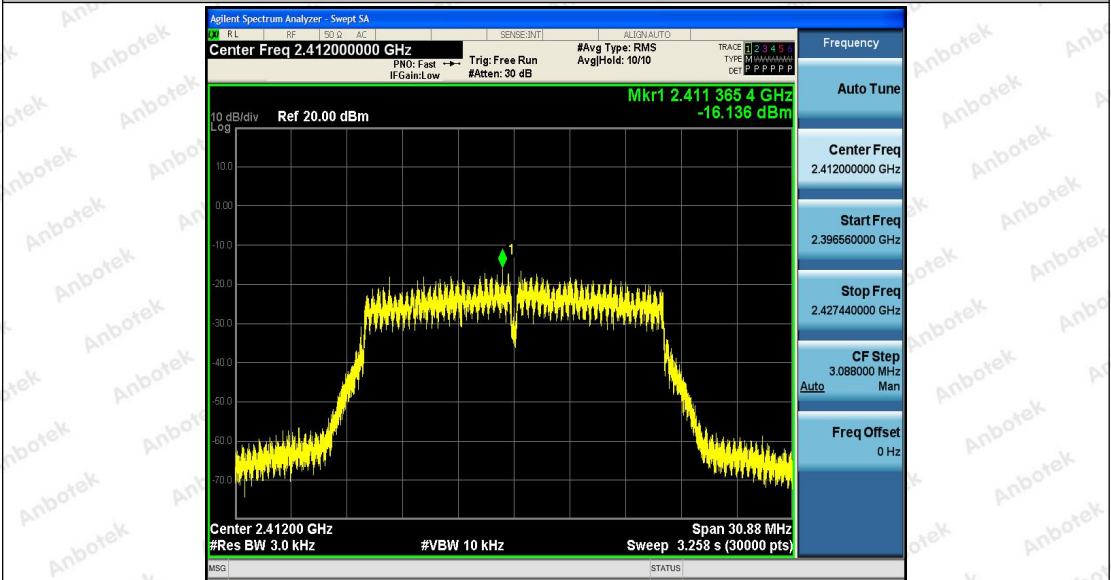
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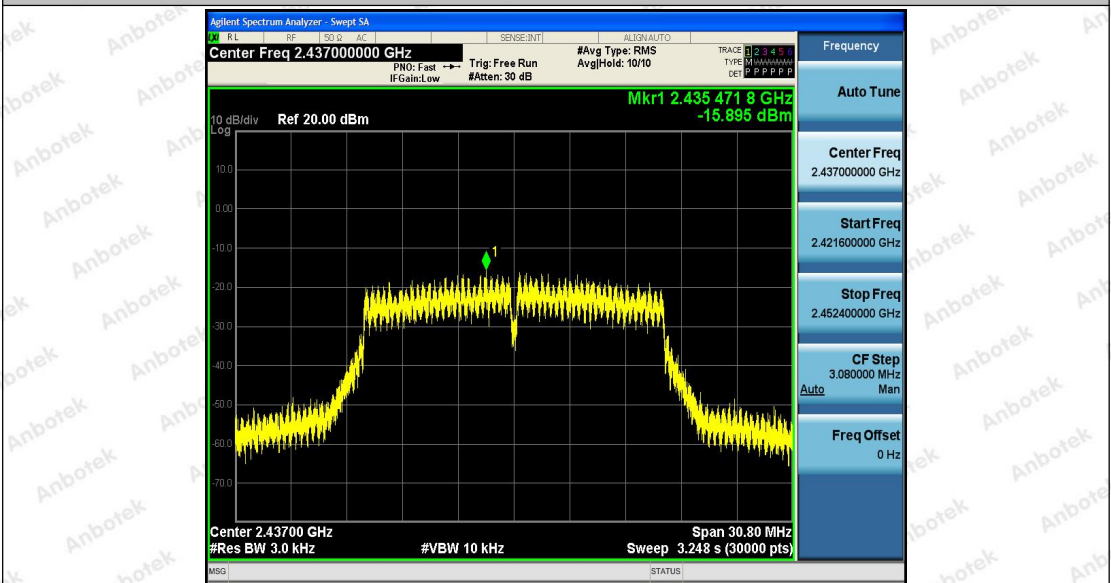
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11G_Ant1_2412



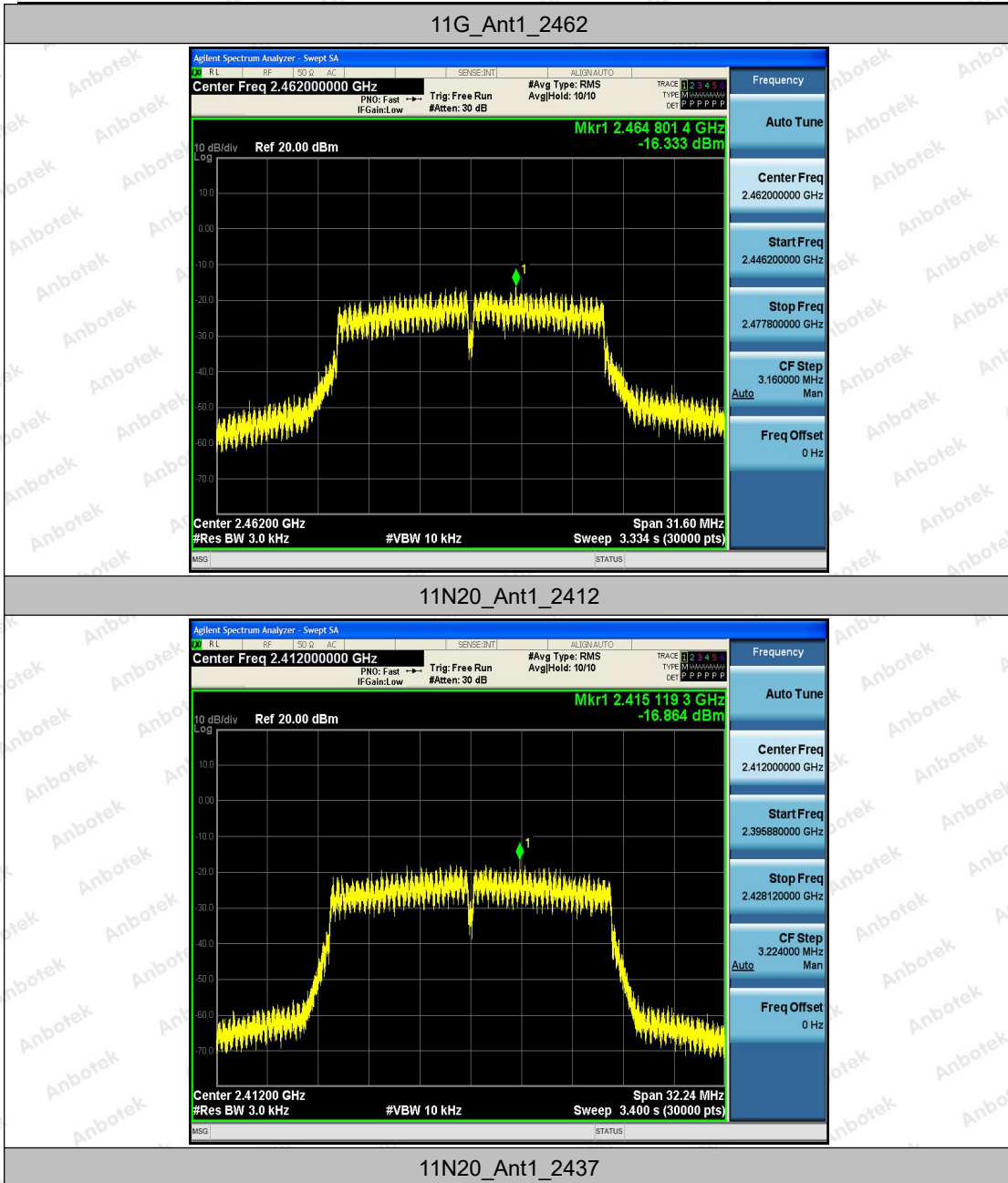
11G_Ant1_2437



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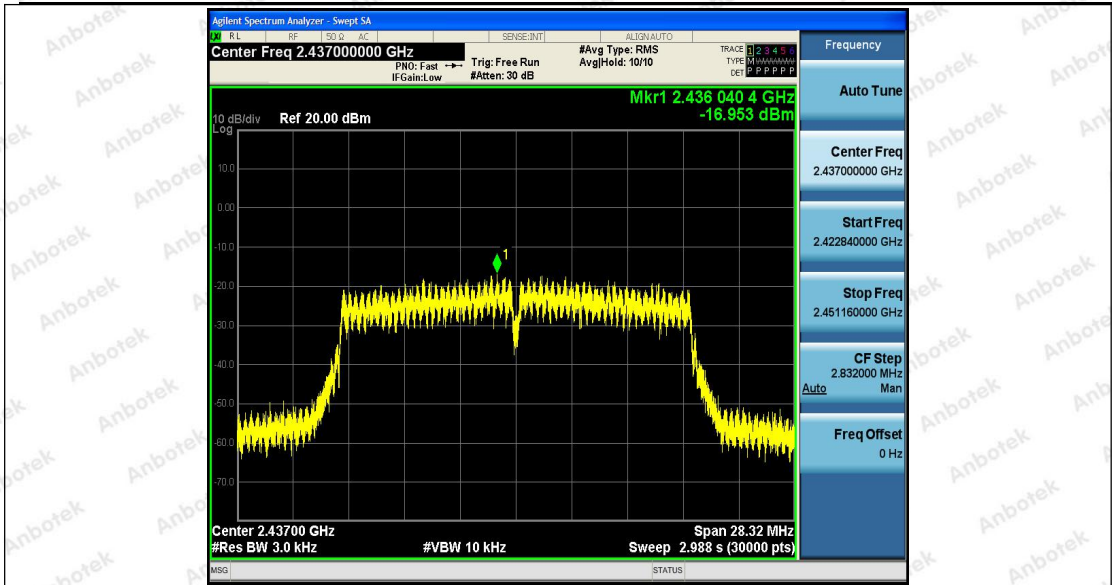
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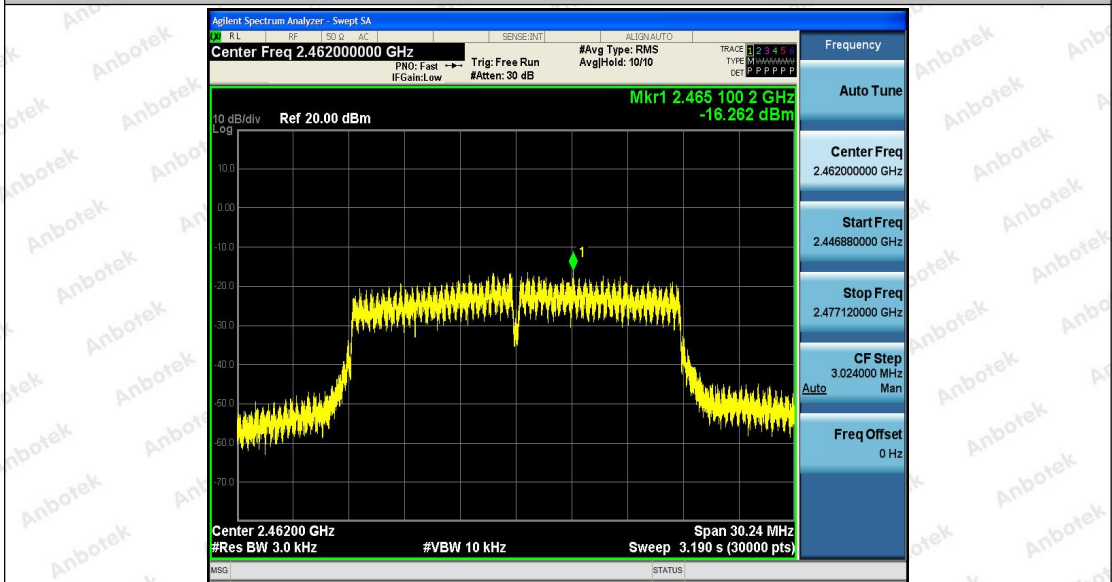
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11N20_Ant1_2462



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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.44	-44.31	≤-17.56	PASS
		High	2462	2.19	-53.8	≤-17.81	PASS
11G	Ant1	Low	2412	-3.42	-40.97	≤-23.42	PASS
		High	2462	-1.16	-39.23	≤-21.16	PASS
11N20	Ant1	Low	2412	-3.16	-39.07	≤-23.16	PASS
		High	2462	-2.15	-37.18	≤-22.15	PASS

Test Graphs



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11G_Ant1_High_2462



11N20_Ant1_Low_2412



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