

Appendix Test Data

Report No.:	18220WC10264302	Test Sample No.:	1-2-2
Start Test Date:	2021.12.1	Finish Test Date:	2021.12.4
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	9.120	2407.440	2416.560	≥0.5	PASS
		2437	9.160	2432.400	2441.560	≥0.5	PASS
		2462	9.640	2457.440	2467.080	≥0.5	PASS
11G	Ant1	2412	16.120	2404.040	2420.160	≥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	15.680	2404.480	2420.160	≥0.5	PASS
		2437	15.080	2429.480	2444.560	≥0.5	PASS
		2462	14.120	2455.680	2469.800	≥0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

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11G_Ant1_2412



11G_Ant1_2437



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11G_Ant1_2462



11N20_Ant1_2412



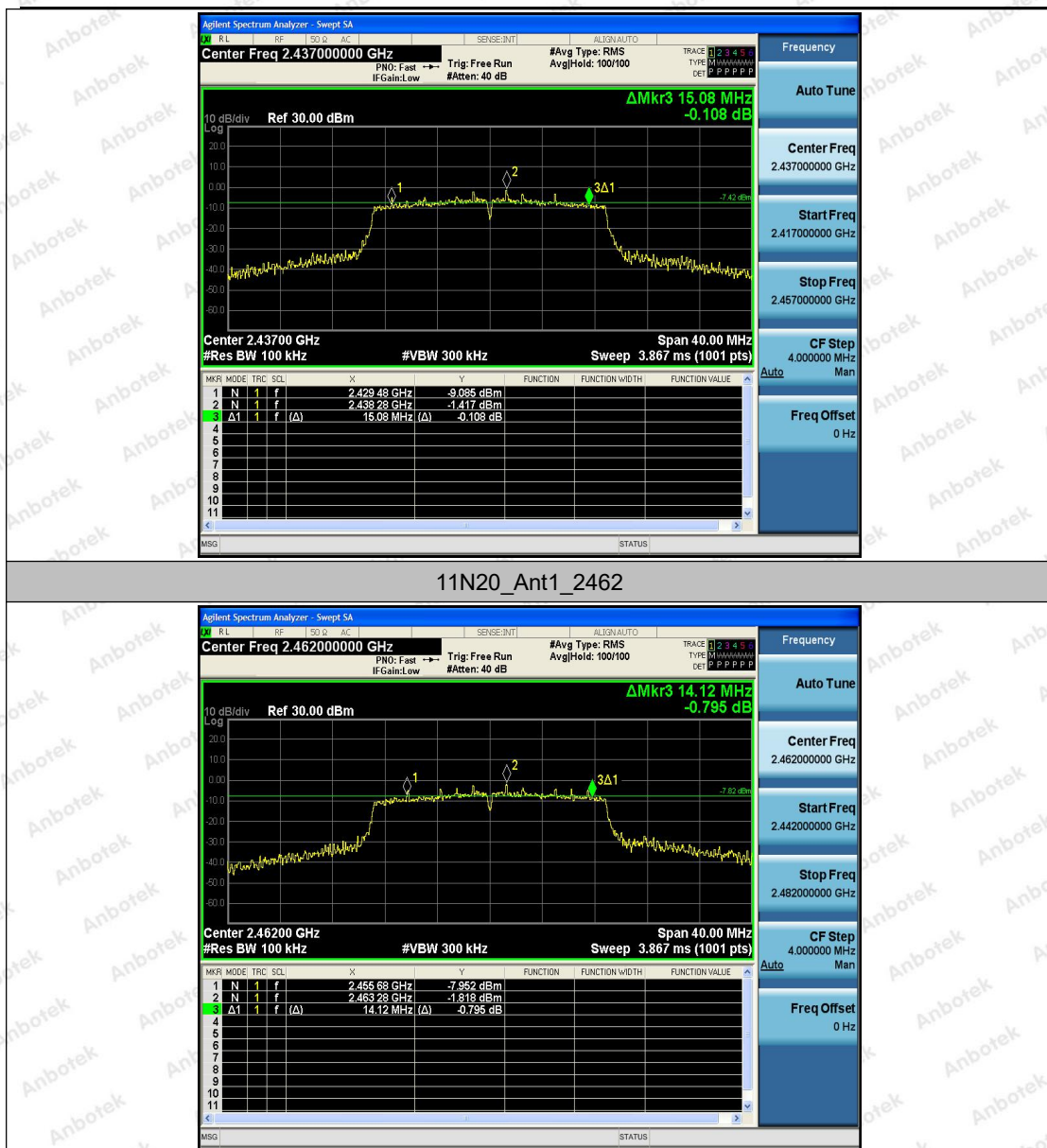
11N20_Ant1_2437

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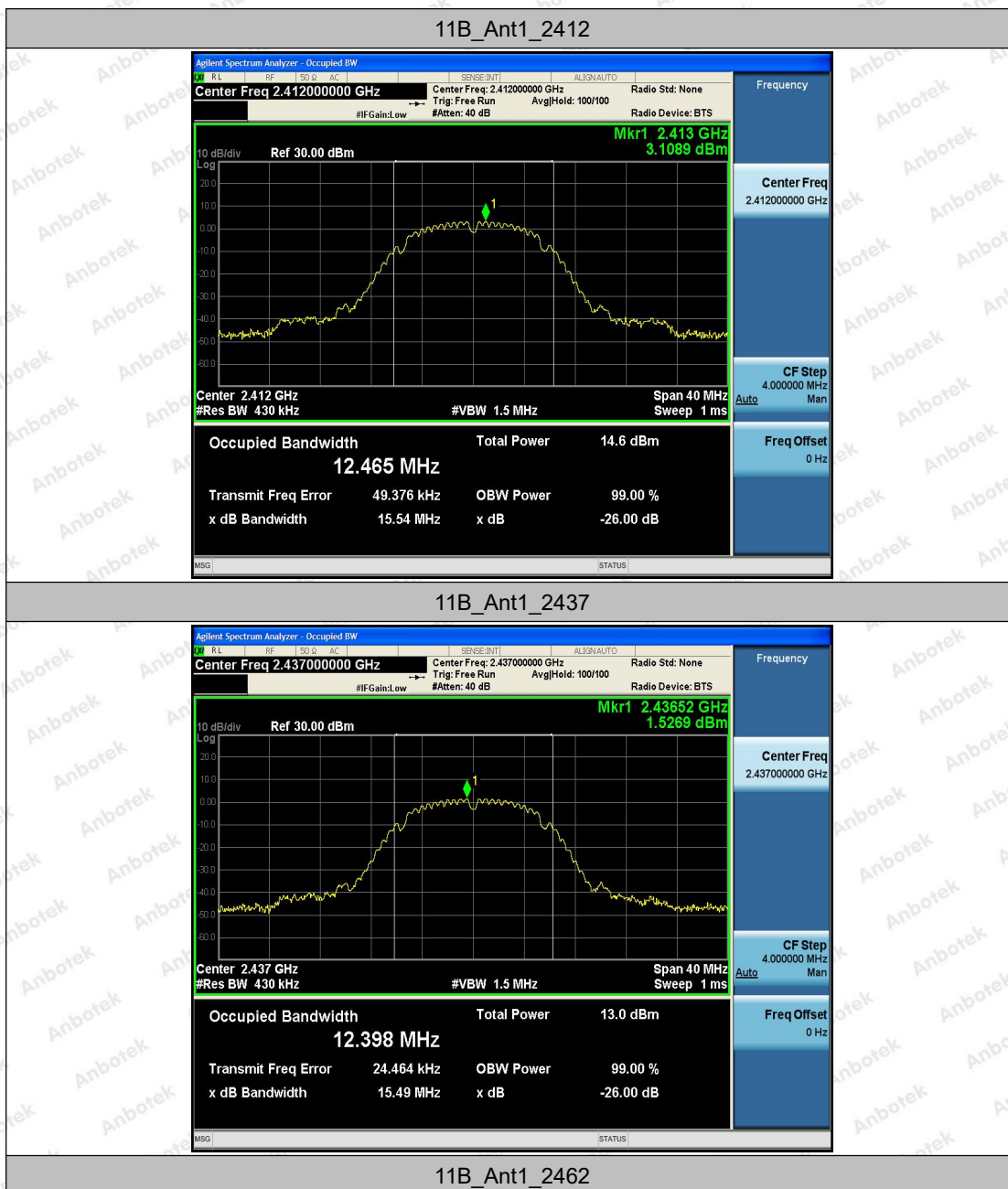
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.465	2405.817	2418.282	---	PASS
		2437	12.398	2430.825	2443.223	---	PASS
		2462	12.390	2455.917	2468.307	---	PASS
11G	Ant1	2412	16.852	2403.606	2420.458	---	PASS
		2437	16.944	2428.534	2445.478	---	PASS
		2462	17.229	2453.533	2470.762	---	PASS
11N20	Ant1	2412	17.684	2403.181	2420.865	---	PASS
		2437	17.916	2428.030	2445.946	---	PASS
		2462	18.092	2453.100	2471.192	---	PASS

Test Graphs

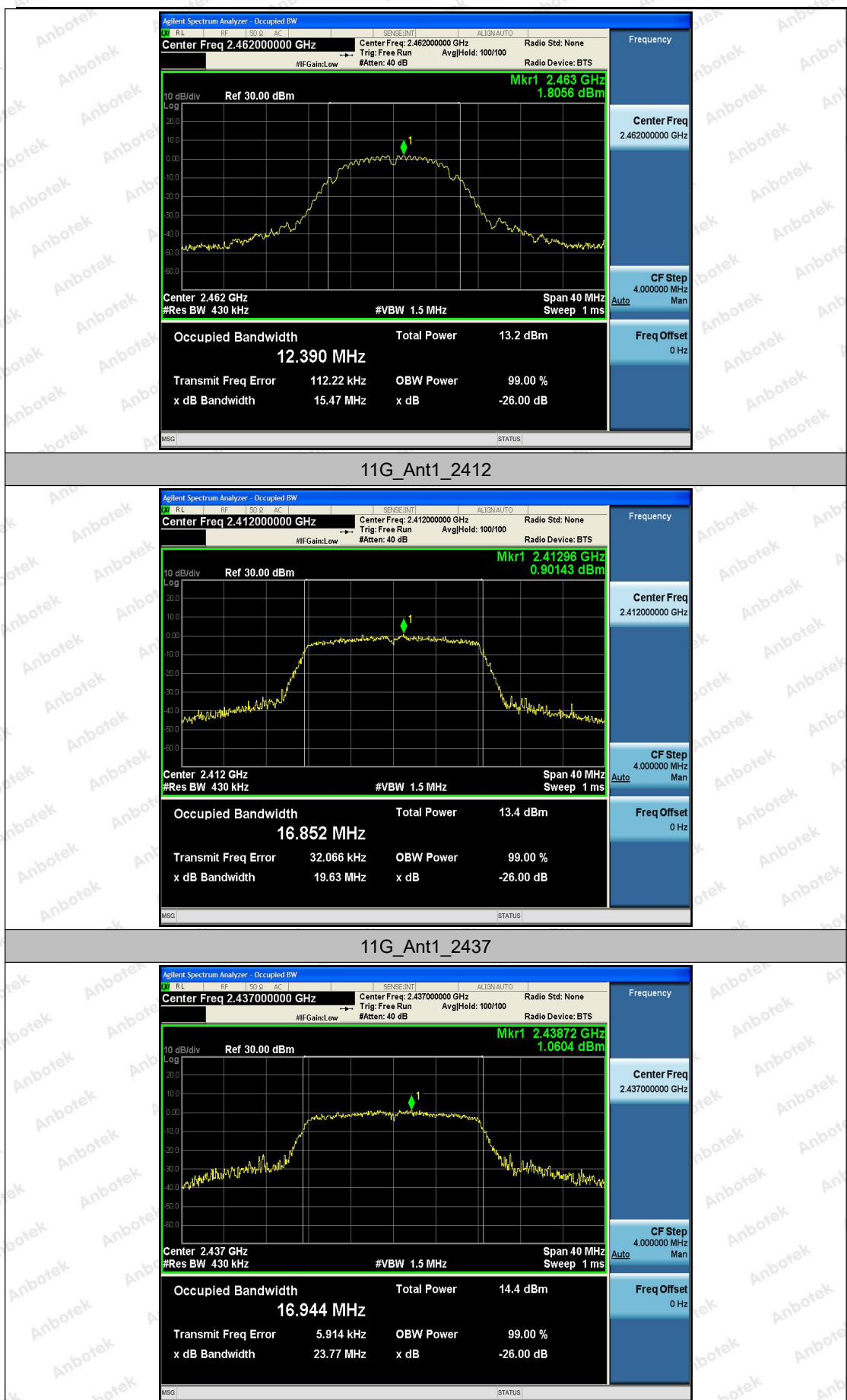


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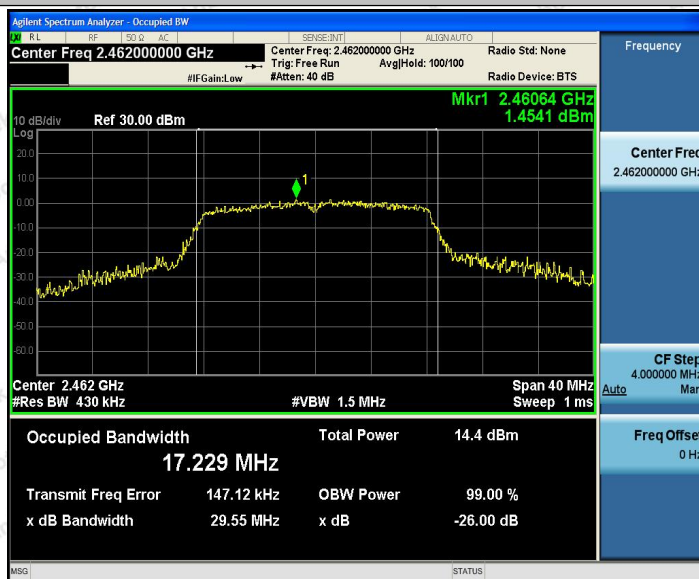
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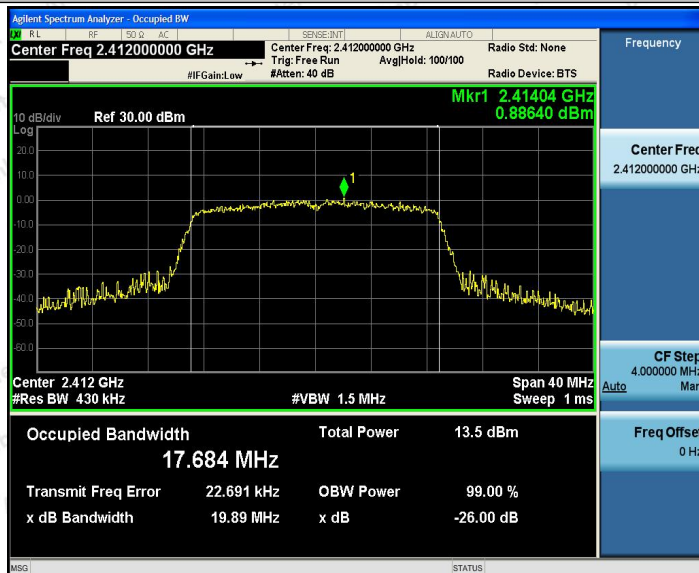
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11G_Ant1_2462



11N20_Ant1_2412



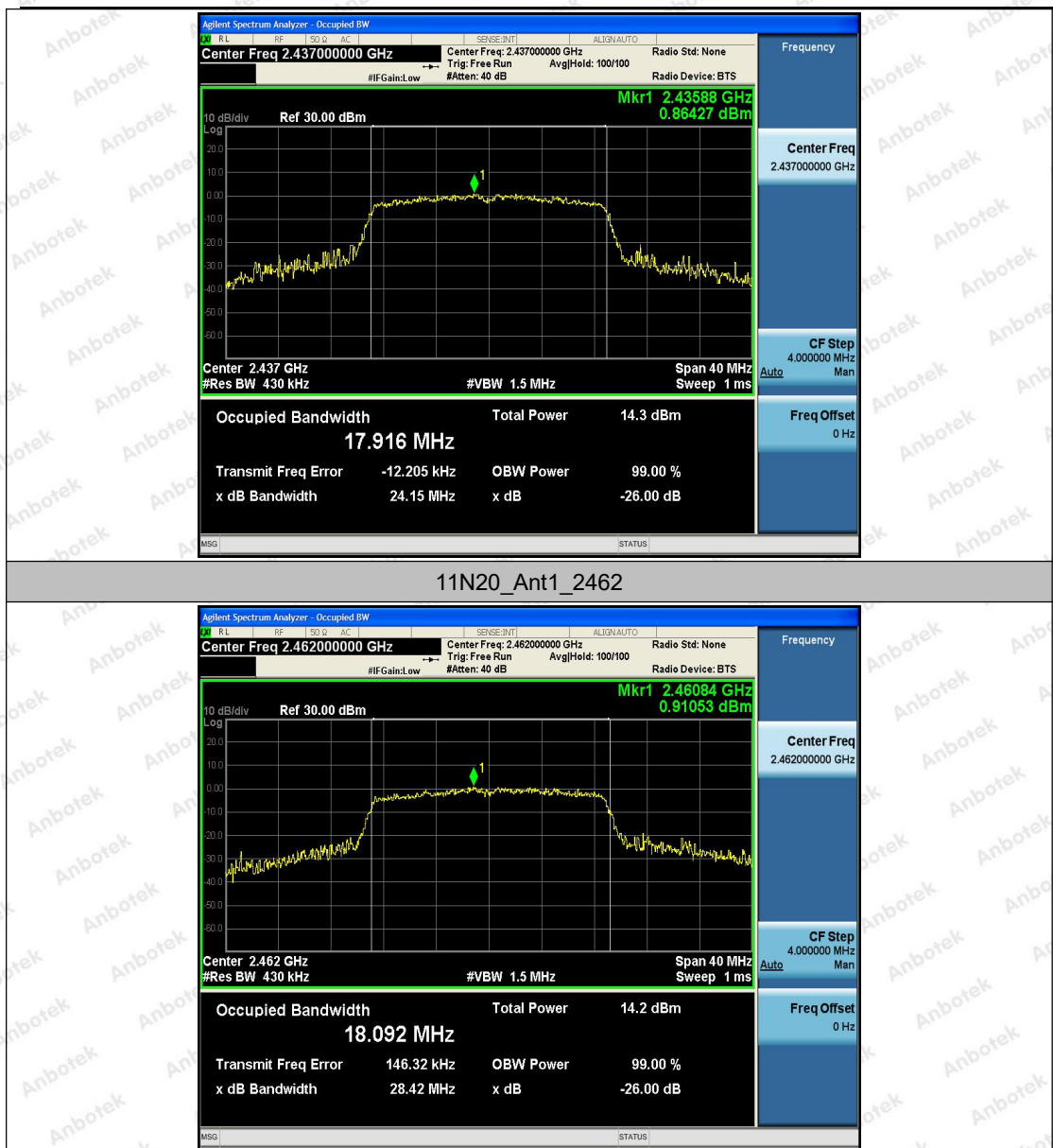
11N20_Ant1_2437

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Appendix C: Maximum conducted output power

Test Result

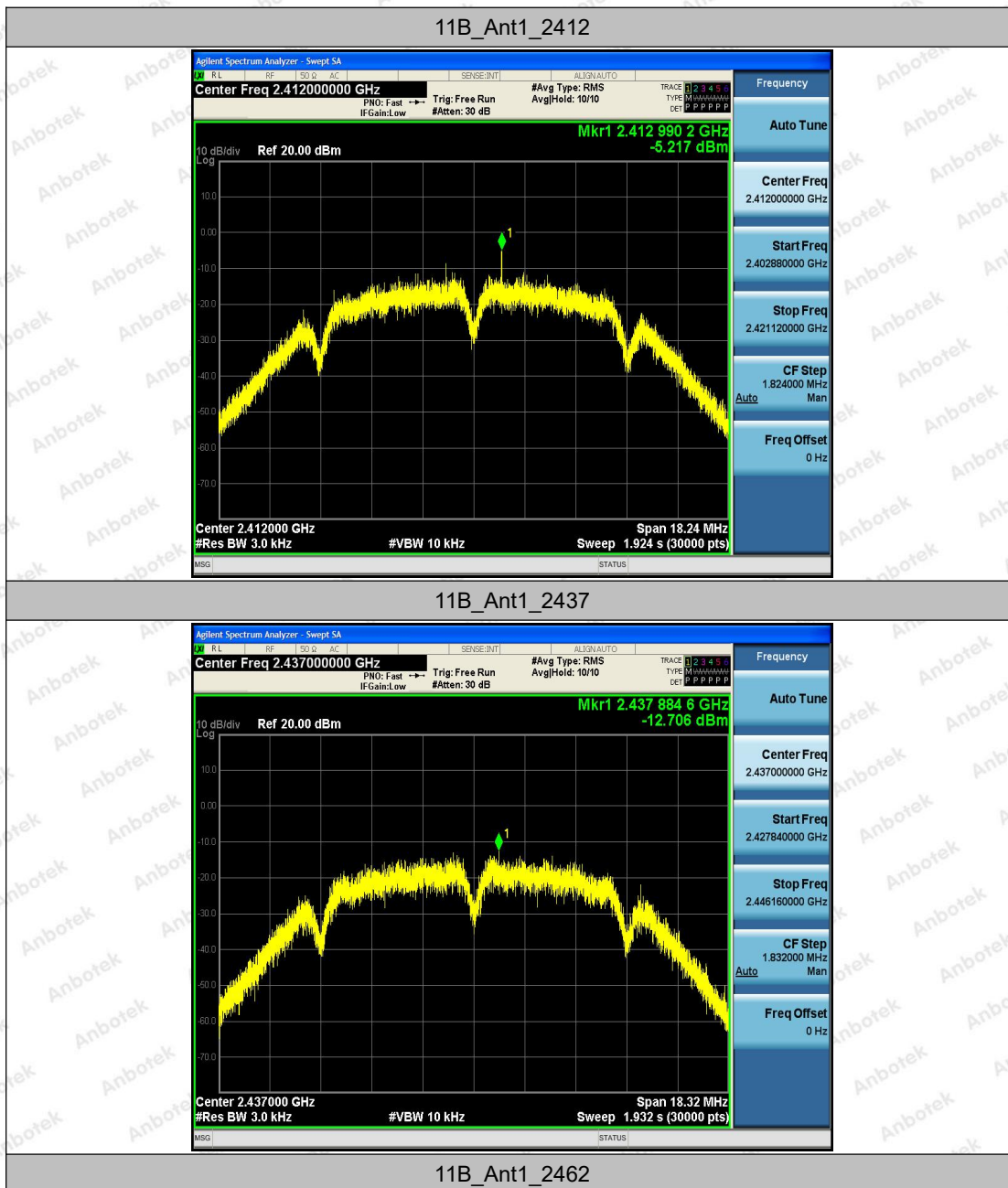
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.71	≤30	PASS
		2437	12.96	≤30	PASS
		2462	13.17	≤30	PASS
11G	Ant1	2412	14.58	≤30	PASS
		2437	15.45	≤30	PASS
		2462	15.61	≤30	PASS
11N20	Ant1	2412	14.41	≤30	PASS
		2437	15.25	≤30	PASS
		2462	15.26	≤30	PASS

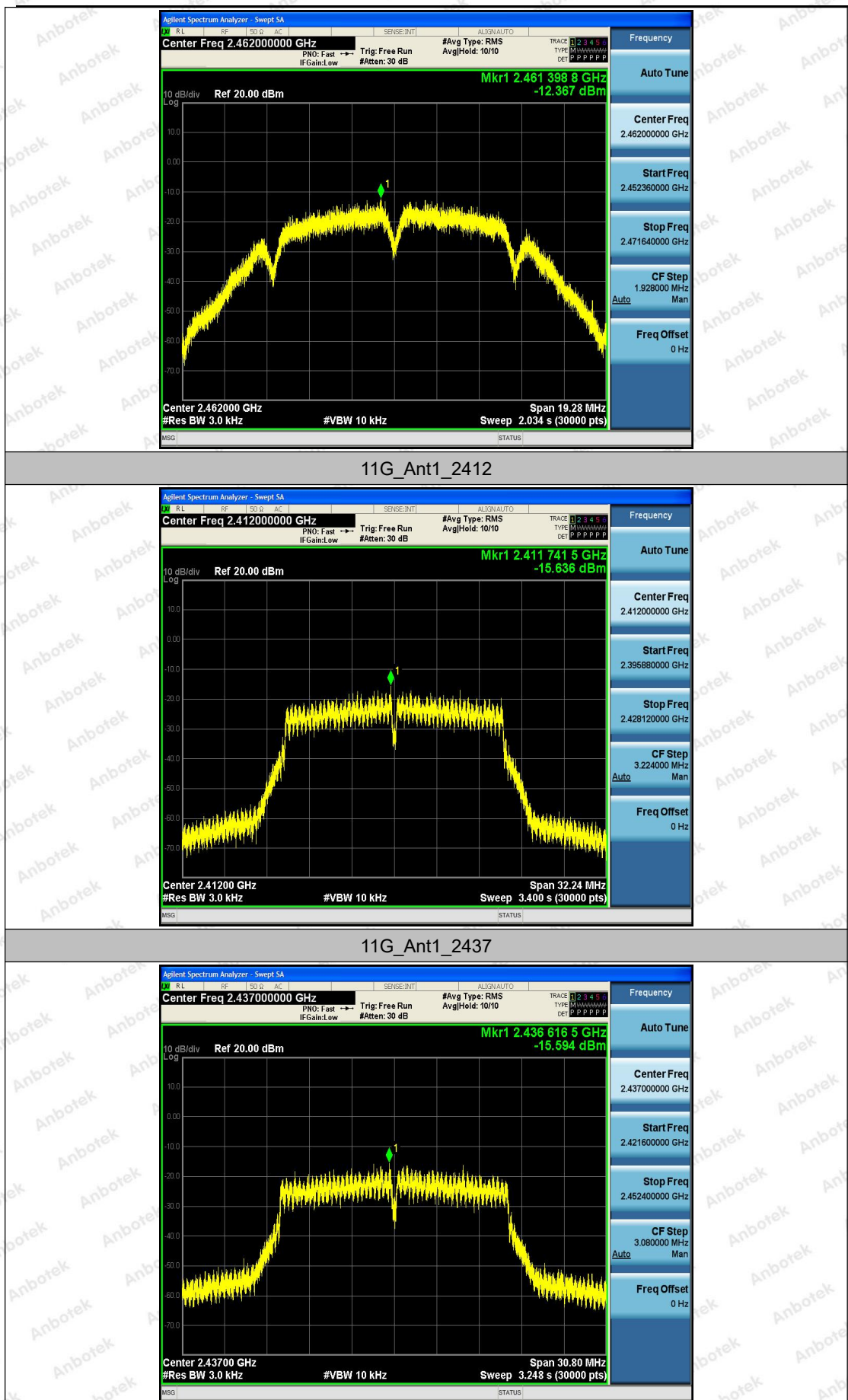
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.22	≤8	PASS
		2437	-12.71	≤8	PASS
		2462	-12.37	≤8	PASS
11G	Ant1	2412	-15.64	≤8	PASS
		2437	-15.59	≤8	PASS
		2462	-16.22	≤8	PASS
11N20	Ant1	2412	-17.44	≤8	PASS
		2437	-17.43	≤8	PASS
		2462	-16.83	≤8	PASS

Test Graphs



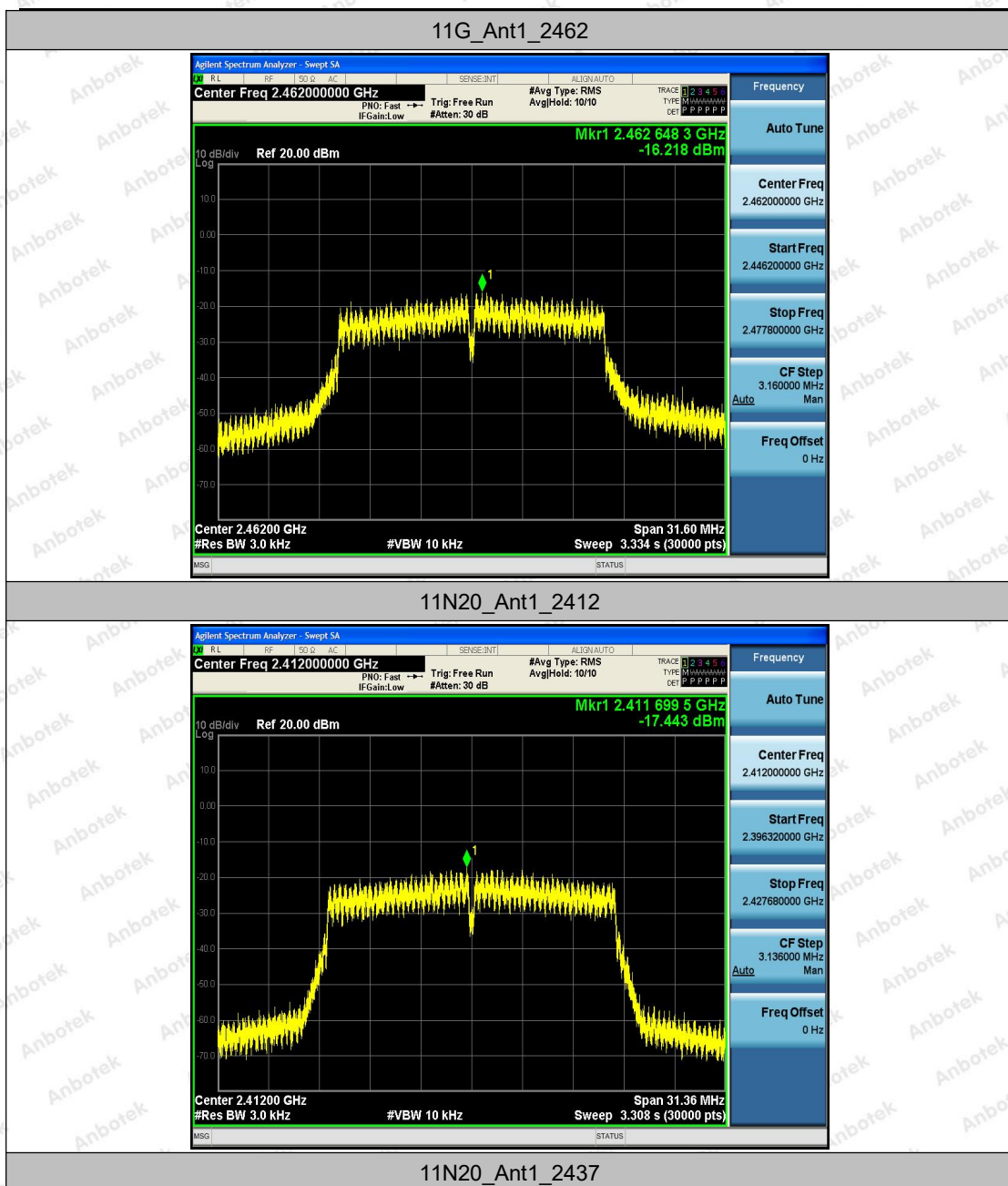


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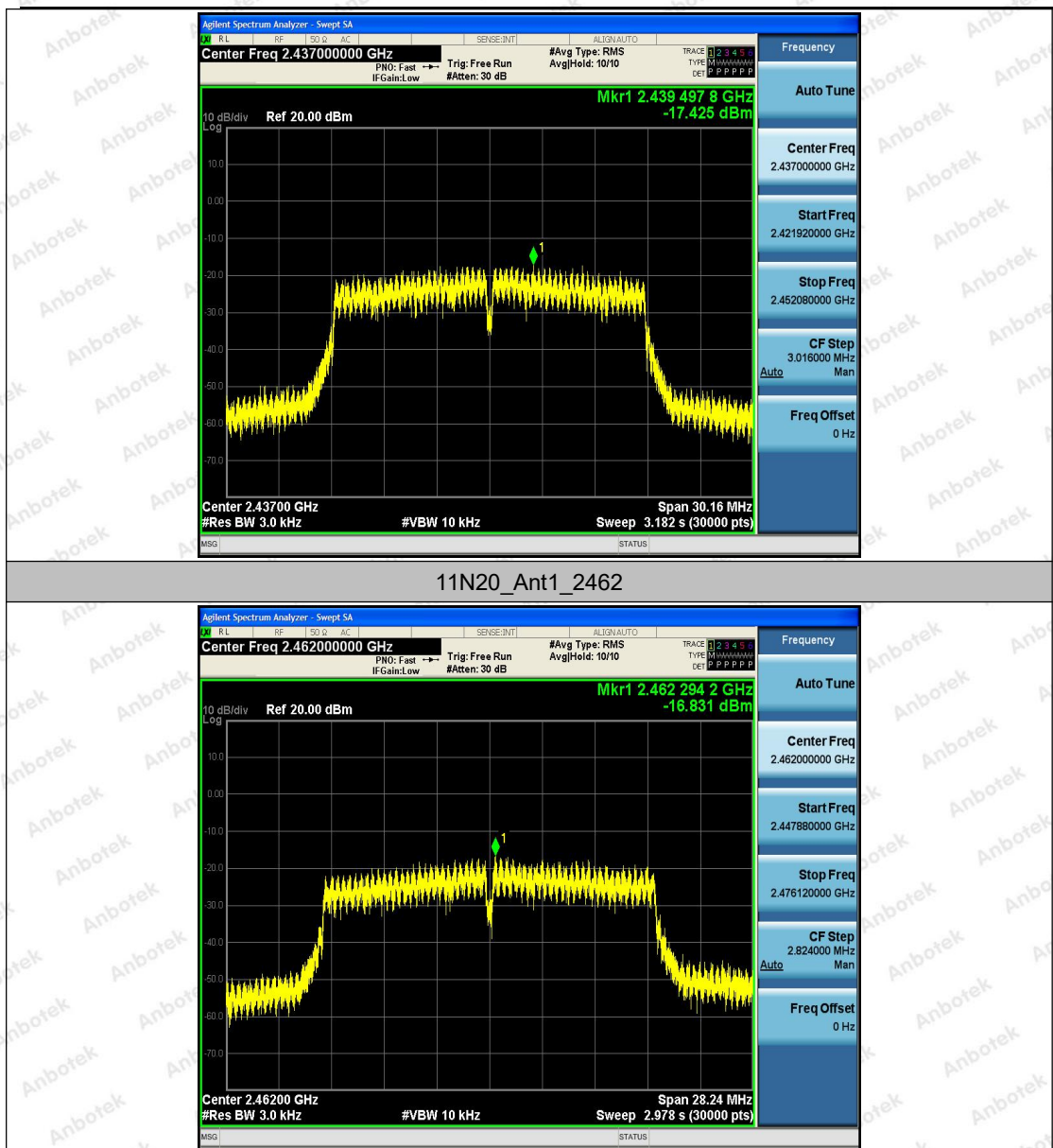


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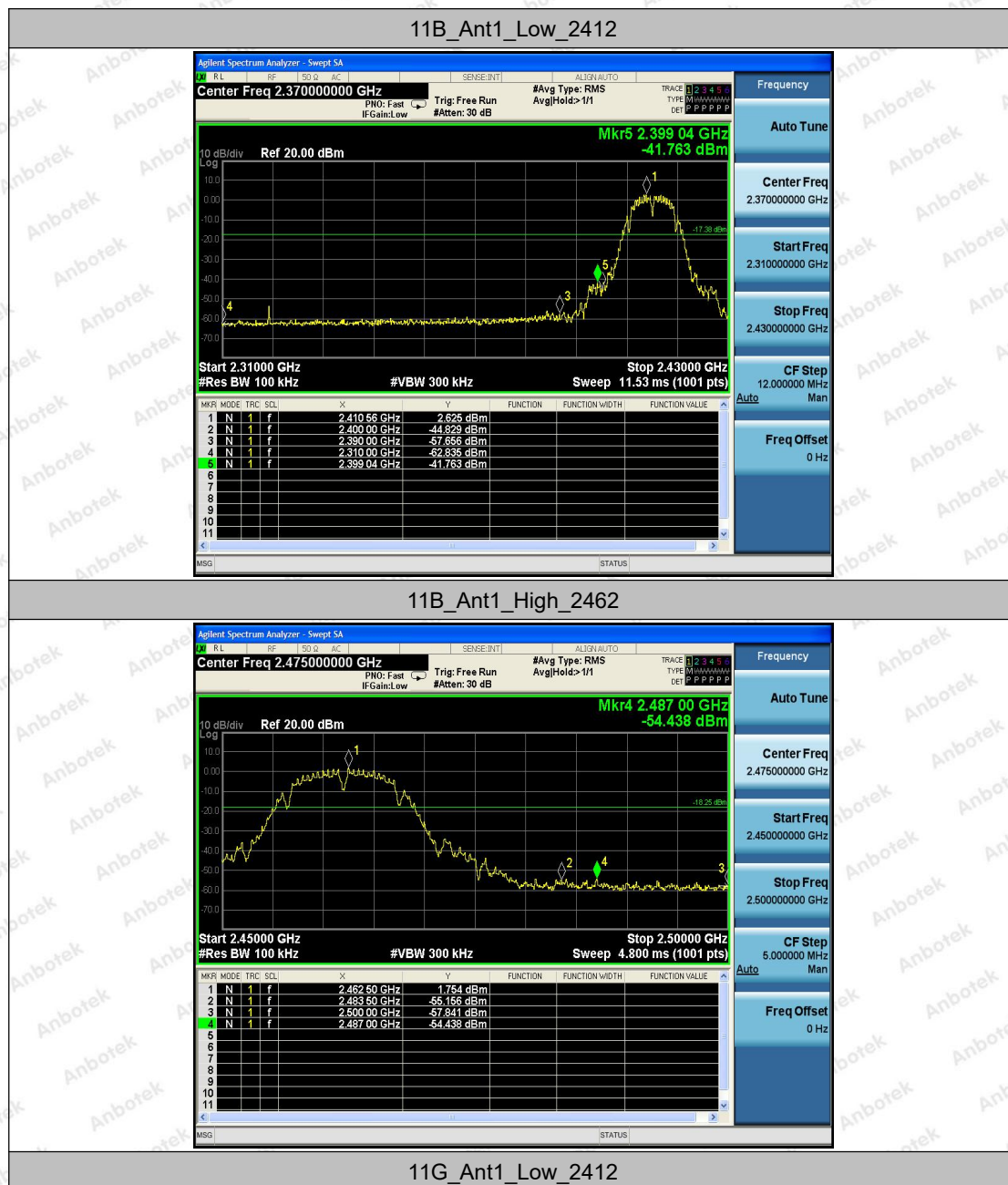
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.63	-41.76	≤ -17.38	PASS
		High	2462	1.75	-54.44	≤ -18.25	PASS
11G	Ant1	Low	2412	-3.37	-38.79	≤ -23.37	PASS
		High	2462	-1.46	-38.11	≤ -21.46	PASS
11N20	Ant1	Low	2412	-3.76	-39.27	≤ -23.76	PASS
		High	2462	-2.72	-37.26	≤ -22.72	PASS

Test Graphs

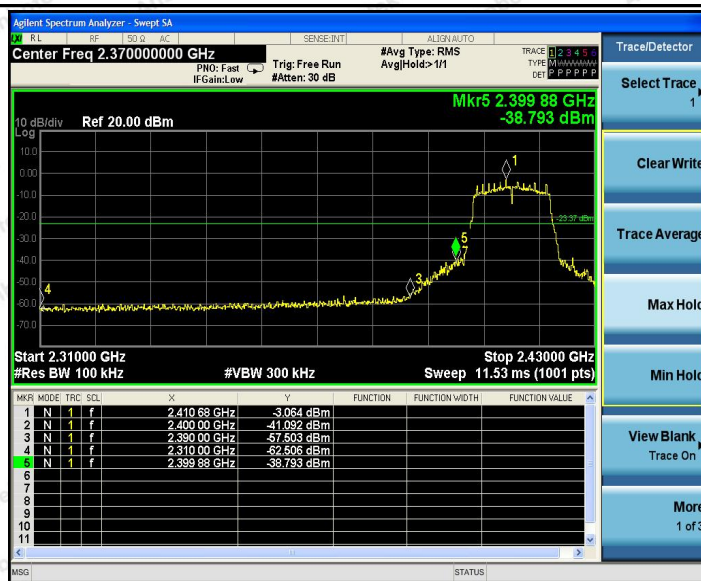


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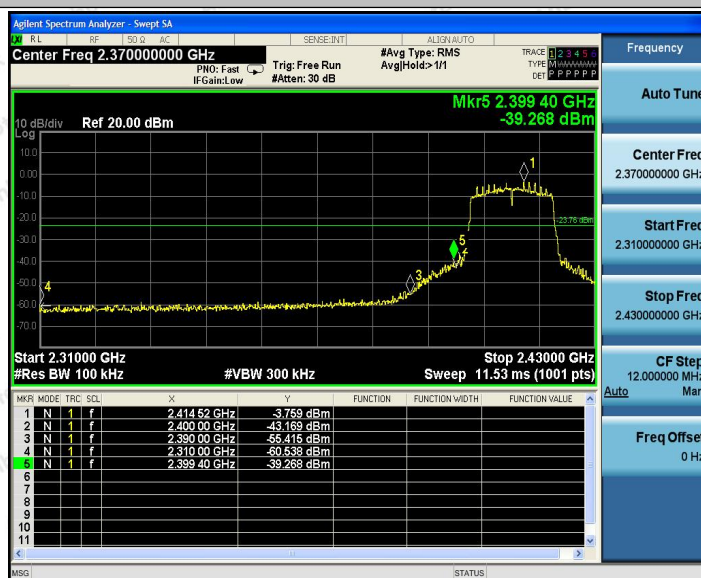
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11G_Ant1_High_2462



11N20_Ant1_Low_2412

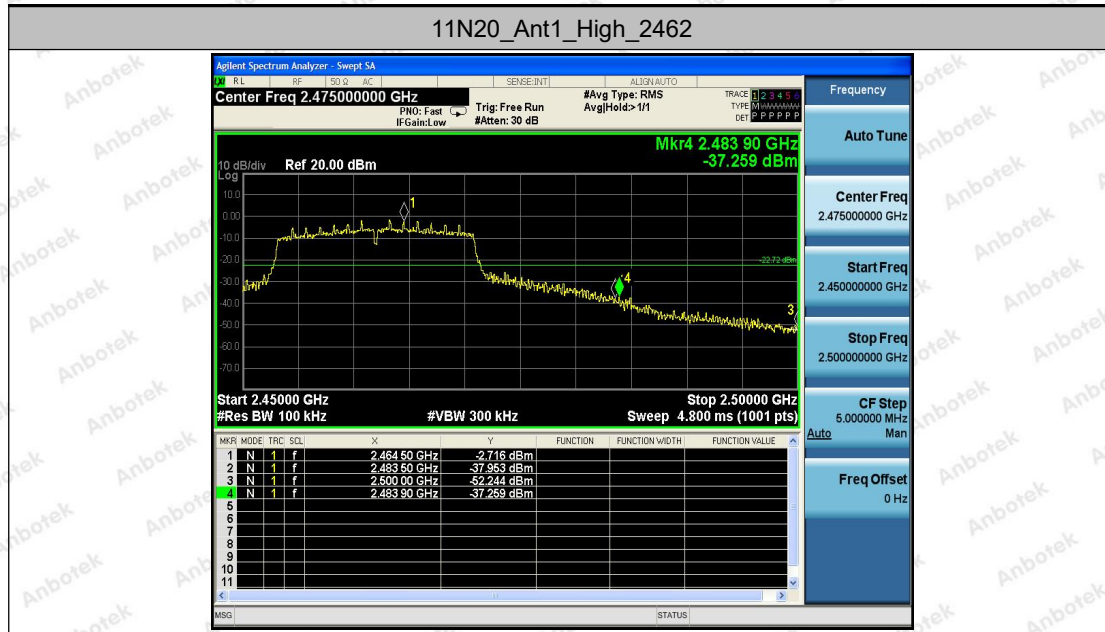


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