

Appendix Test Data

Report No.:	18220WC20064801	Test Sample No.:	1-2-2
Start Test Date:	2022.3.30	Finish Test Date:	2022.4.11
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	22.6°C	Relative Humidity:	52.9 %
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	2407.480	2417.080	≥0.5	PASS
		2437	8.680	2432.920	2441.600	≥0.5	PASS
		2462	9.120	2457.440	2466.560	≥0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	≥0.5	PASS
		2437	16.400	2428.800	2445.200	≥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	17.400	2428.440	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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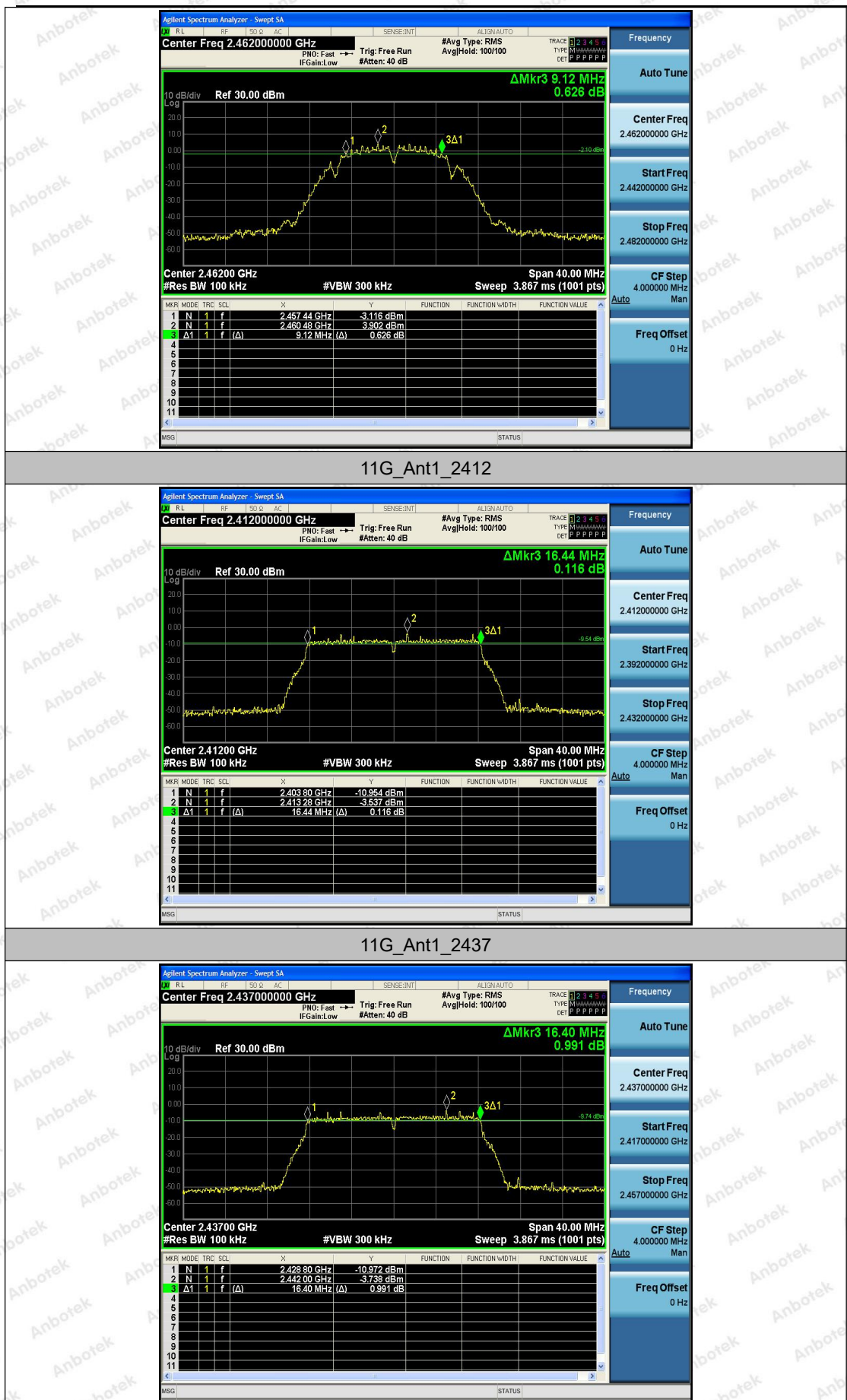
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11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

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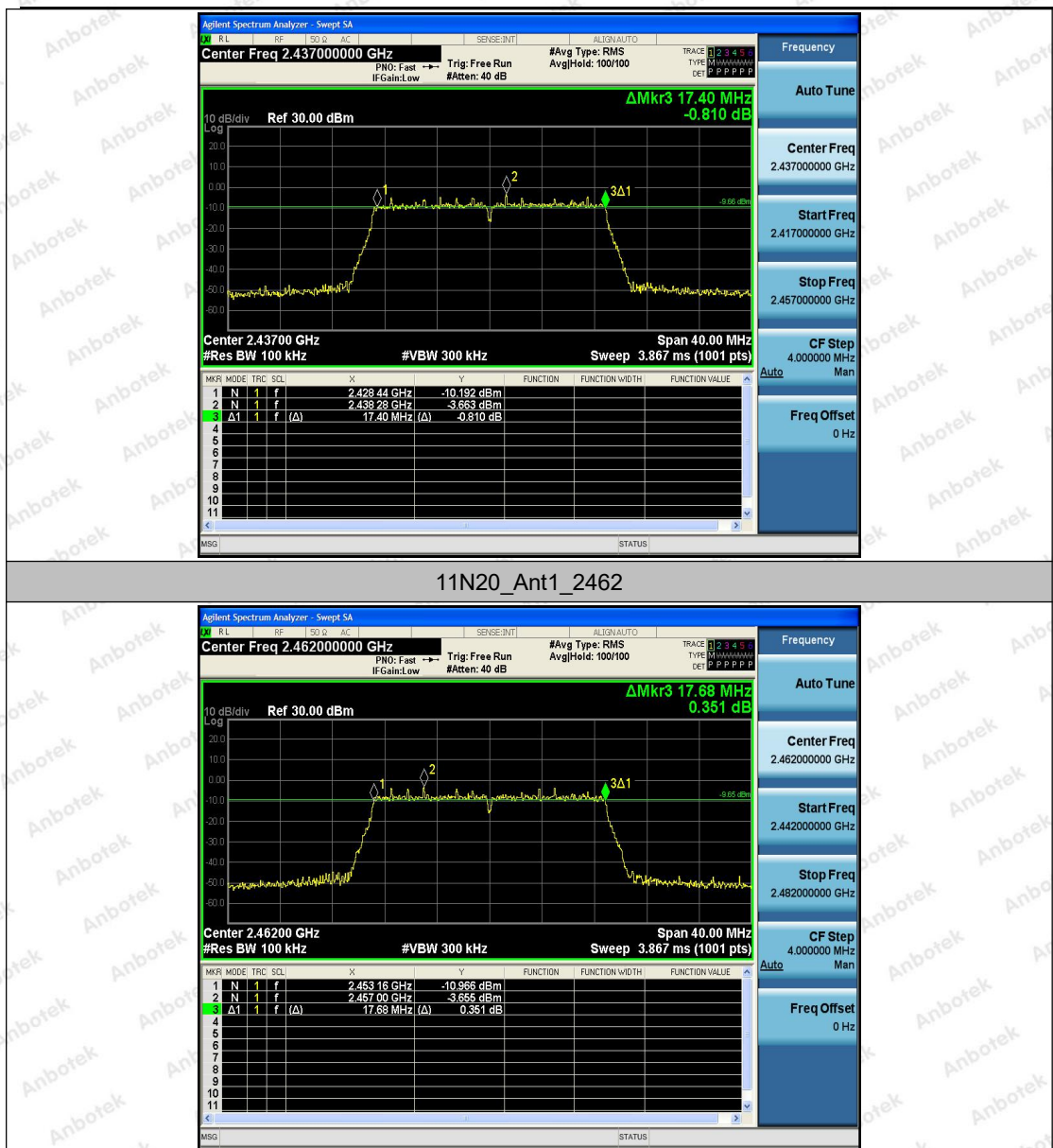
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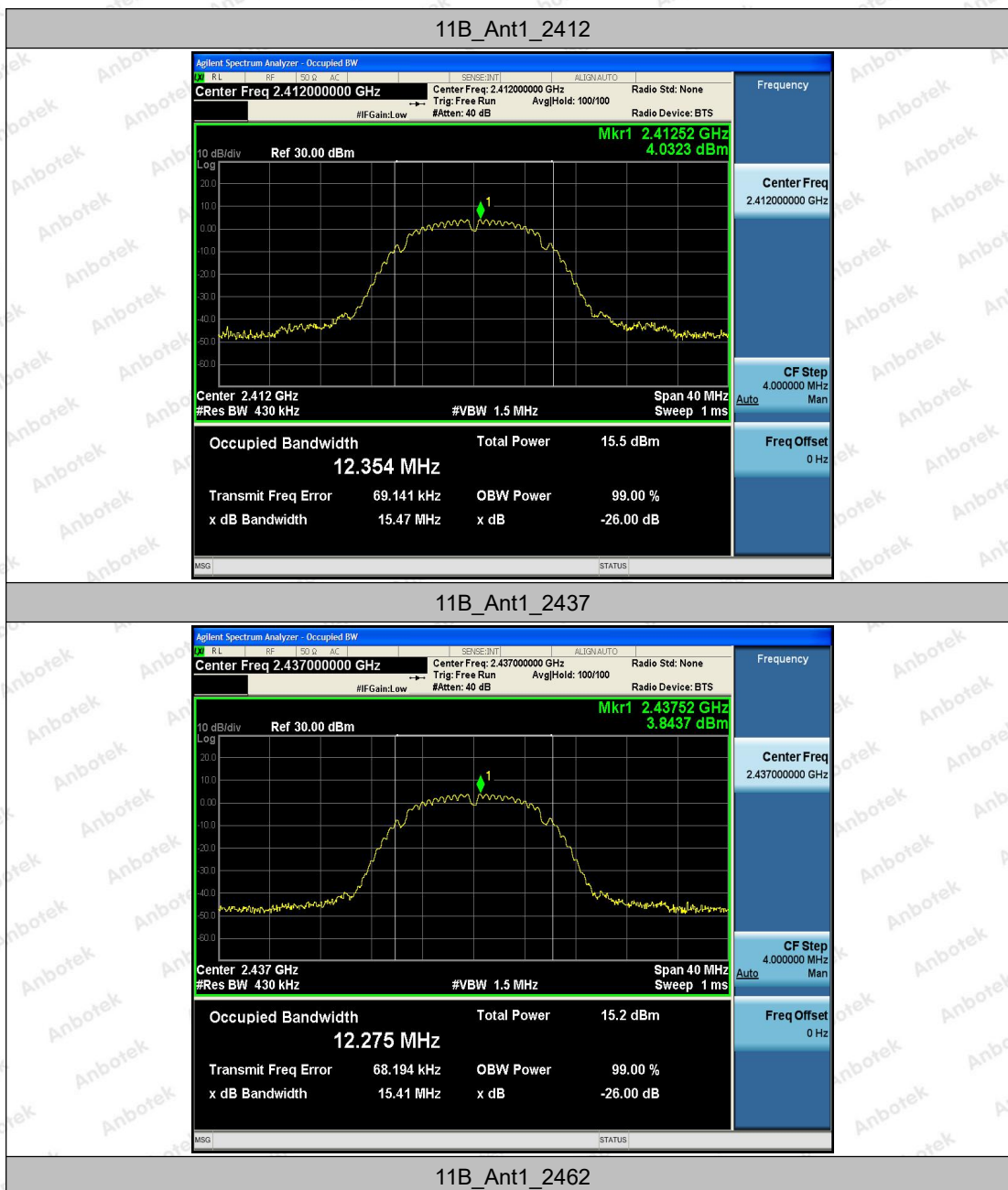
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.354	2405.892	2418.246	---	PASS
		2437	12.275	2430.931	2443.206	---	PASS
		2462	12.311	2455.861	2468.172	---	PASS
11G	Ant1	2412	17.024	2403.558	2420.582	---	PASS
		2437	17.014	2428.519	2445.533	---	PASS
		2462	17.122	2453.384	2470.506	---	PASS
11N20	Ant1	2412	17.960	2403.073	2421.033	---	PASS
		2437	17.955	2428.084	2446.039	---	PASS
		2462	17.920	2453.048	2470.968	---	PASS

Test Graphs



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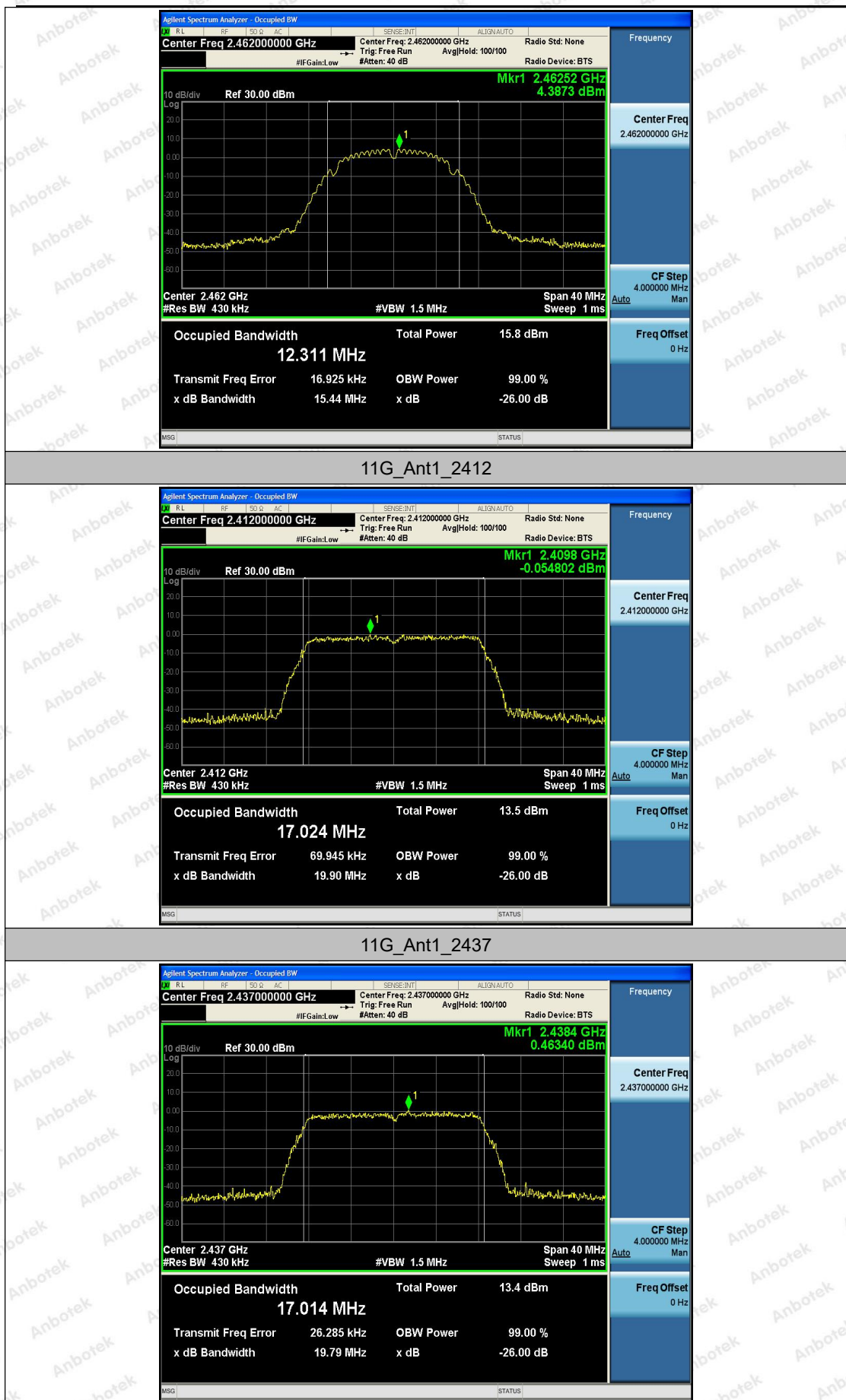
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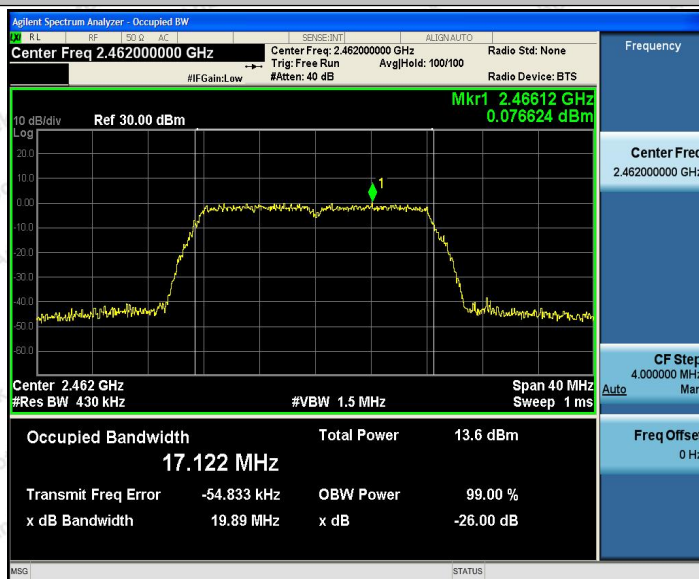
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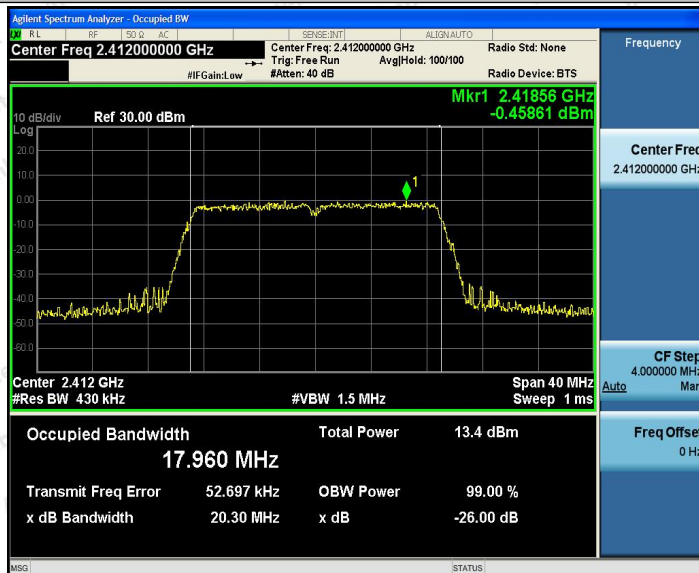
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11G_Ant1_2462



11N20_Ant1_2412



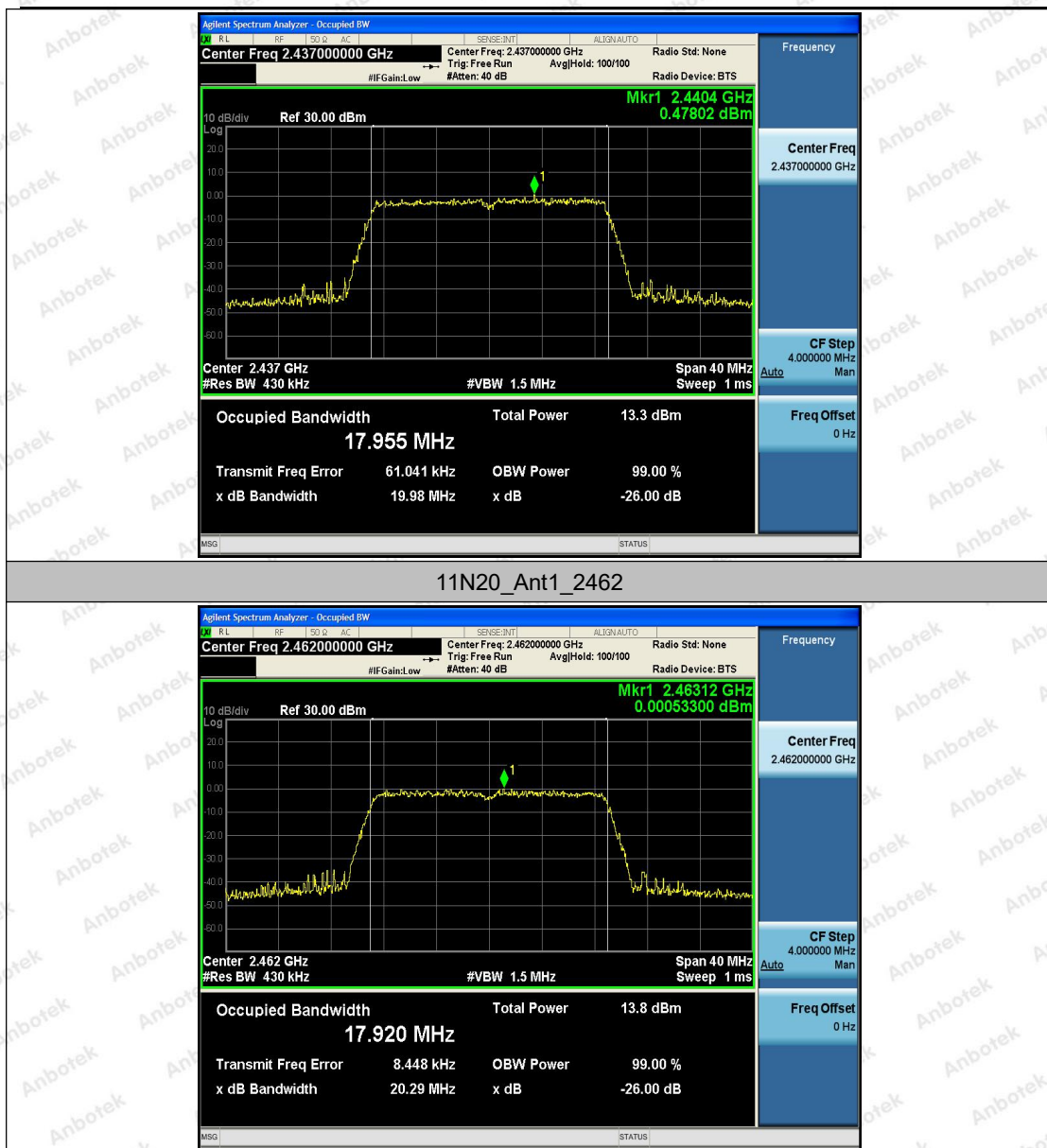
11N20_Ant1_2437

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Appendix C: Maximum conducted output power

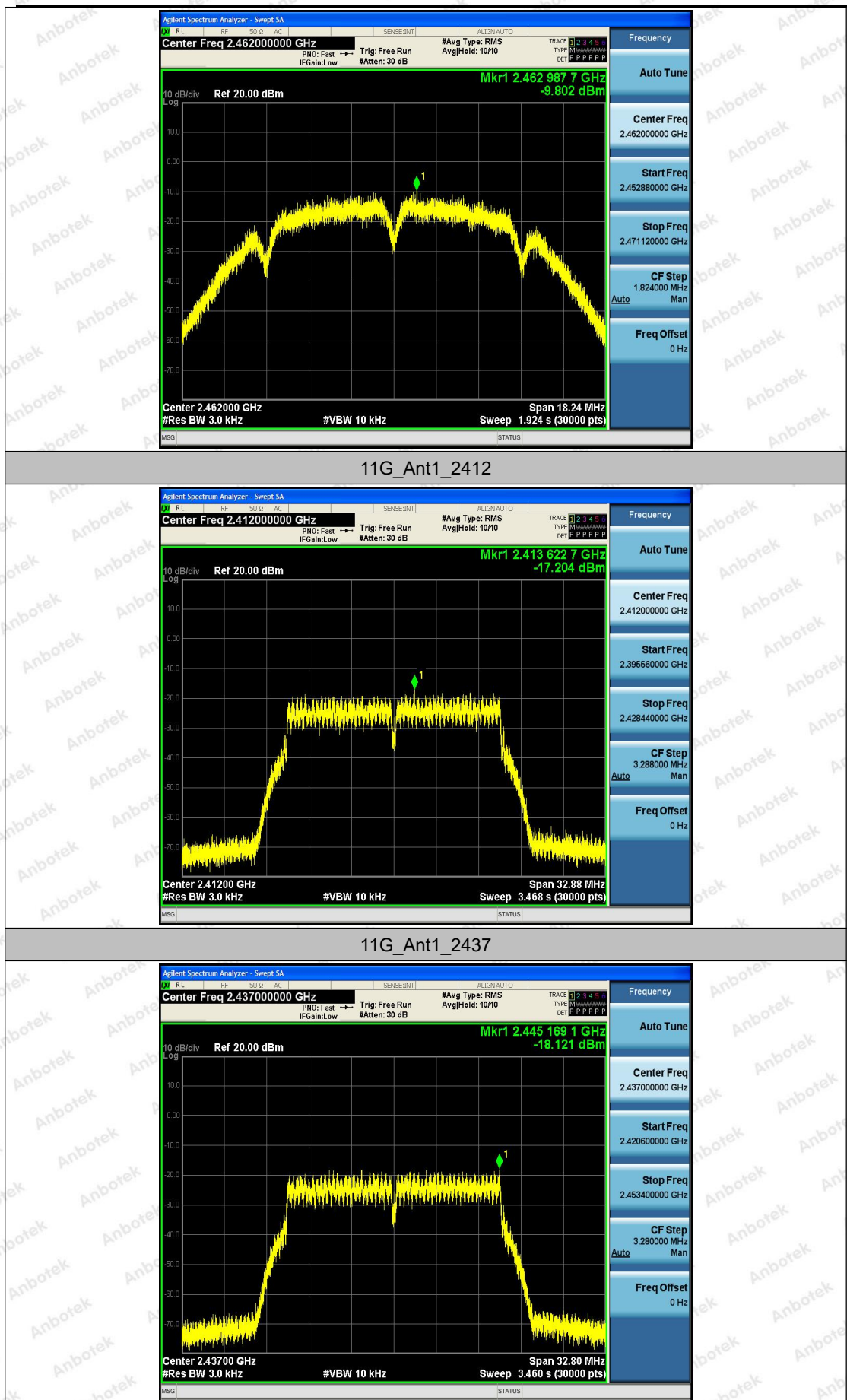
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	15.19	≤30	PASS
		2437	15.18	≤30	PASS
		2462	15.79	≤30	PASS
11G	Ant1	2412	14.57	≤30	PASS
		2437	14.49	≤30	PASS
		2462	14.75	≤30	PASS
11N20	Ant1	2412	14.55	≤30	PASS
		2437	14.48	≤30	PASS
		2462	14.95	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-9.41	≤8	PASS
		2437	-10.48	≤8	PASS
		2462	-9.8	≤8	PASS
11G	Ant1	2412	-17.2	≤8	PASS
		2437	-18.12	≤8	PASS
		2462	-17.19	≤8	PASS
11N20	Ant1	2412	-17.62	≤8	PASS
		2437	-17.84	≤8	PASS
		2462	-16.56	≤8	PASS



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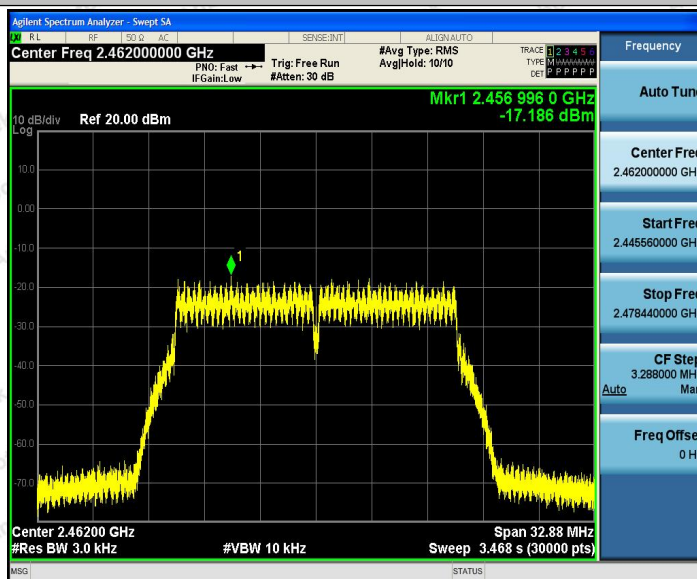


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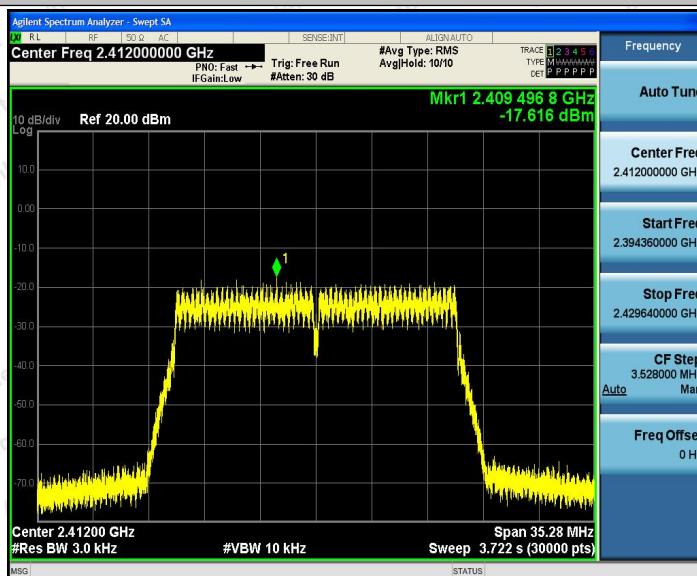
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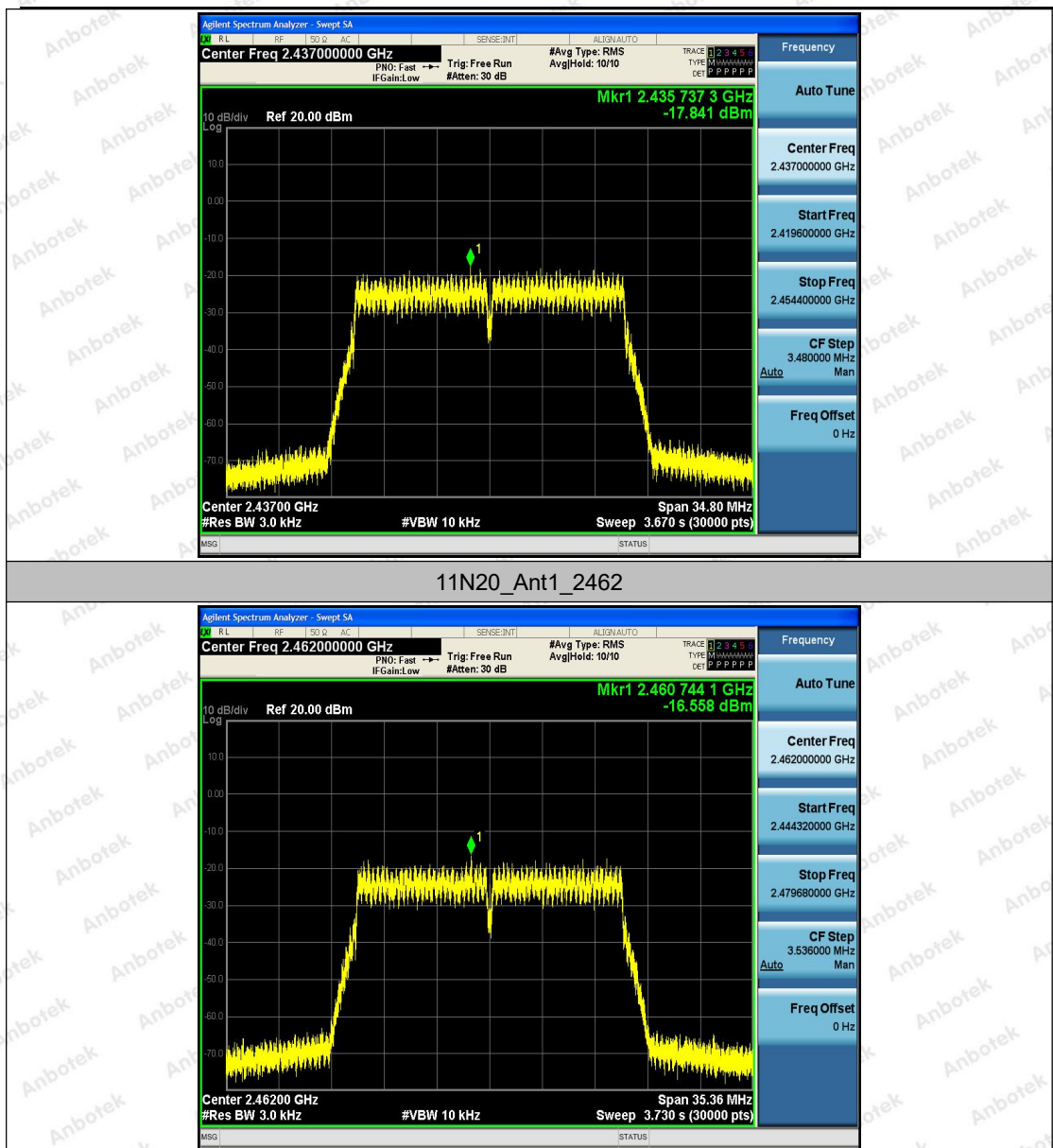
11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437



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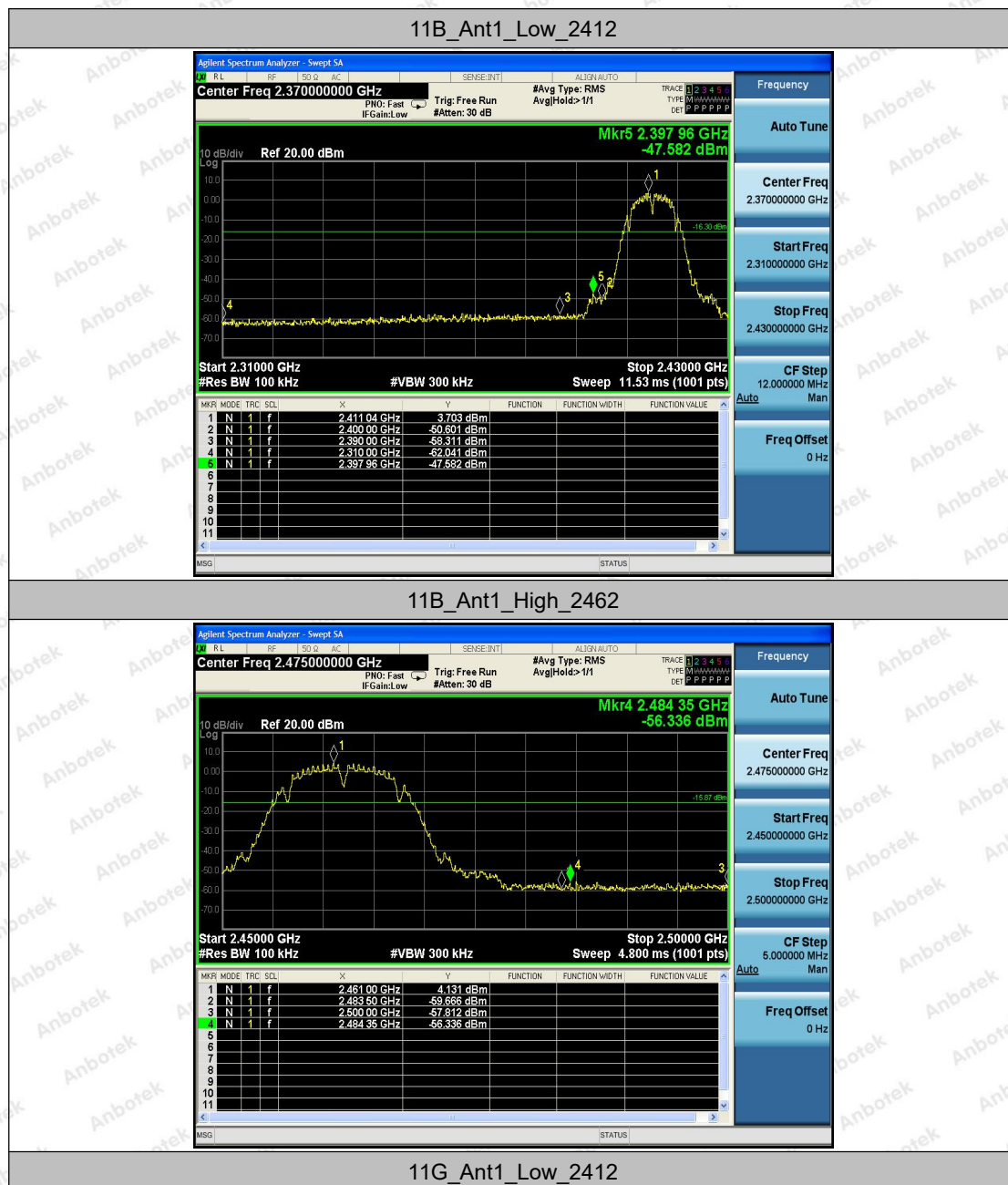
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.70	-47.58	≤-16.3	PASS
		High	2462	4.13	-56.34	≤-15.87	PASS
11G	Ant1	Low	2412	-4.27	-47.44	≤-24.27	PASS
		High	2462	-3.37	-51.88	≤-23.37	PASS
11N20	Ant1	Low	2412	-4.44	-48.26	≤-24.44	PASS
		High	2462	-3.28	-53.56	≤-23.28	PASS

Test Graphs

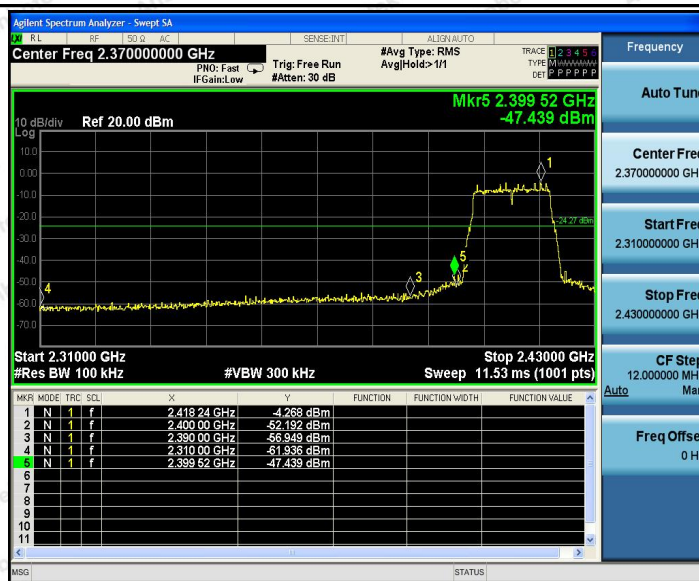


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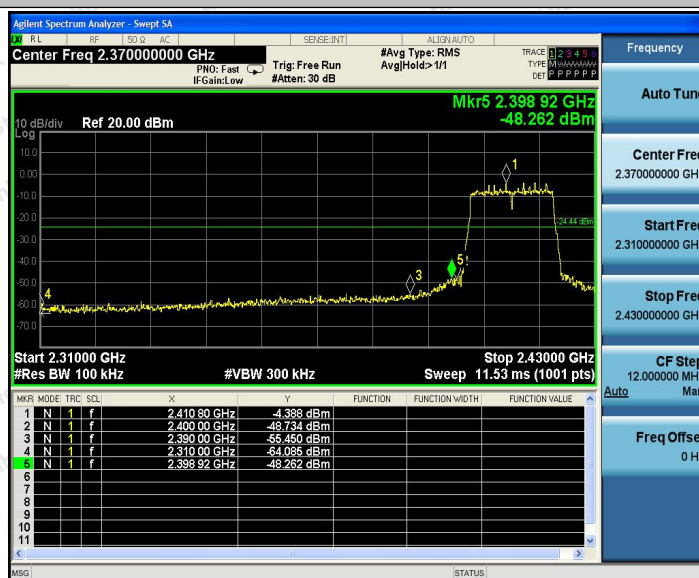
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11G_Ant1_High_2462



11N20_Ant1_Low_2412



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