

Appendix Test Data

Report No.:	18220WC20034201	Test Sample No.:	1-2-2
Start Test Date:	2022.3.7	Finish Test Date:	2022.3.23
Test Engineer:	<i>Jony.He</i>	Auditor:	<i>Edward.Pan</i>
Temperature:	24.3℃	Relative Humidity:	56 %
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	9.640	2406.960	2416.600	≥0.5	PASS
		2437	9.200	2432.400	2441.600	≥0.5	PASS
		2462	9.680	2456.920	2466.600	≥0.5	PASS
11G	Ant1	2412	16.480	2403.760	2420.240	≥0.5	PASS
		2437	16.400	2428.800	2445.200	≥0.5	PASS
		2462	16.480	2453.760	2470.240	≥0.5	PASS
11N20	Ant1	2412	16.360	2403.840	2420.200	≥0.5	PASS
		2437	16.240	2428.840	2445.080	≥0.5	PASS
		2462	16.400	2453.800	2470.200	≥0.5	PASS

Test Graphs



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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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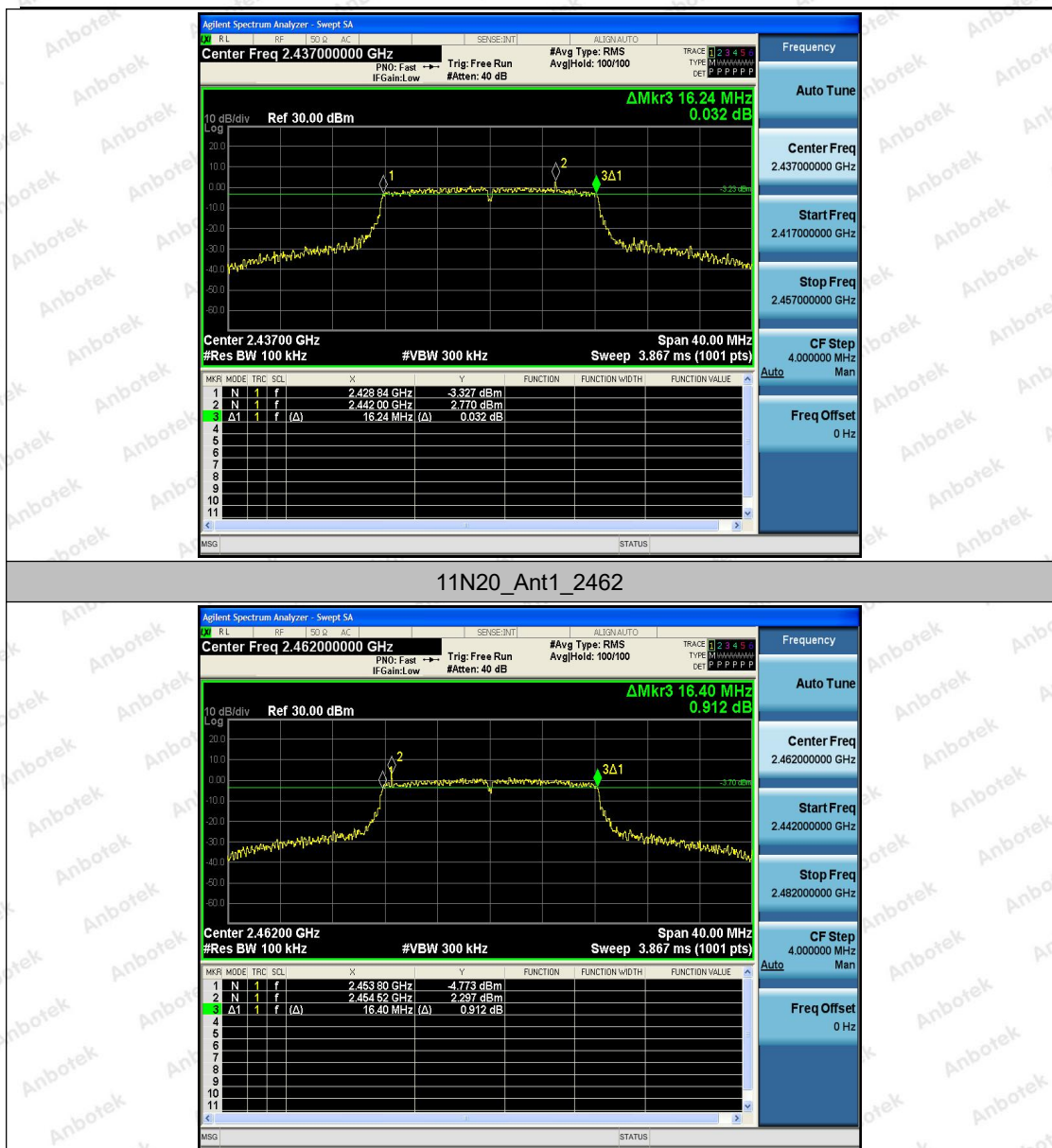
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.522	2405.281	2418.803	---	PASS
		2437	13.990	2430.030	2444.020	---	PASS
		2462	14.078	2454.966	2469.044	---	PASS
11G	Ant1	2412	16.702	2403.682	2420.384	---	PASS
		2437	16.706	2428.665	2445.371	---	PASS
		2462	16.774	2453.608	2470.382	---	PASS
11N20	Ant1	2412	16.650	2403.695	2420.345	---	PASS
		2437	16.778	2428.655	2445.433	---	PASS
		2462	16.832	2453.602	2470.434	---	PASS

Test Graphs

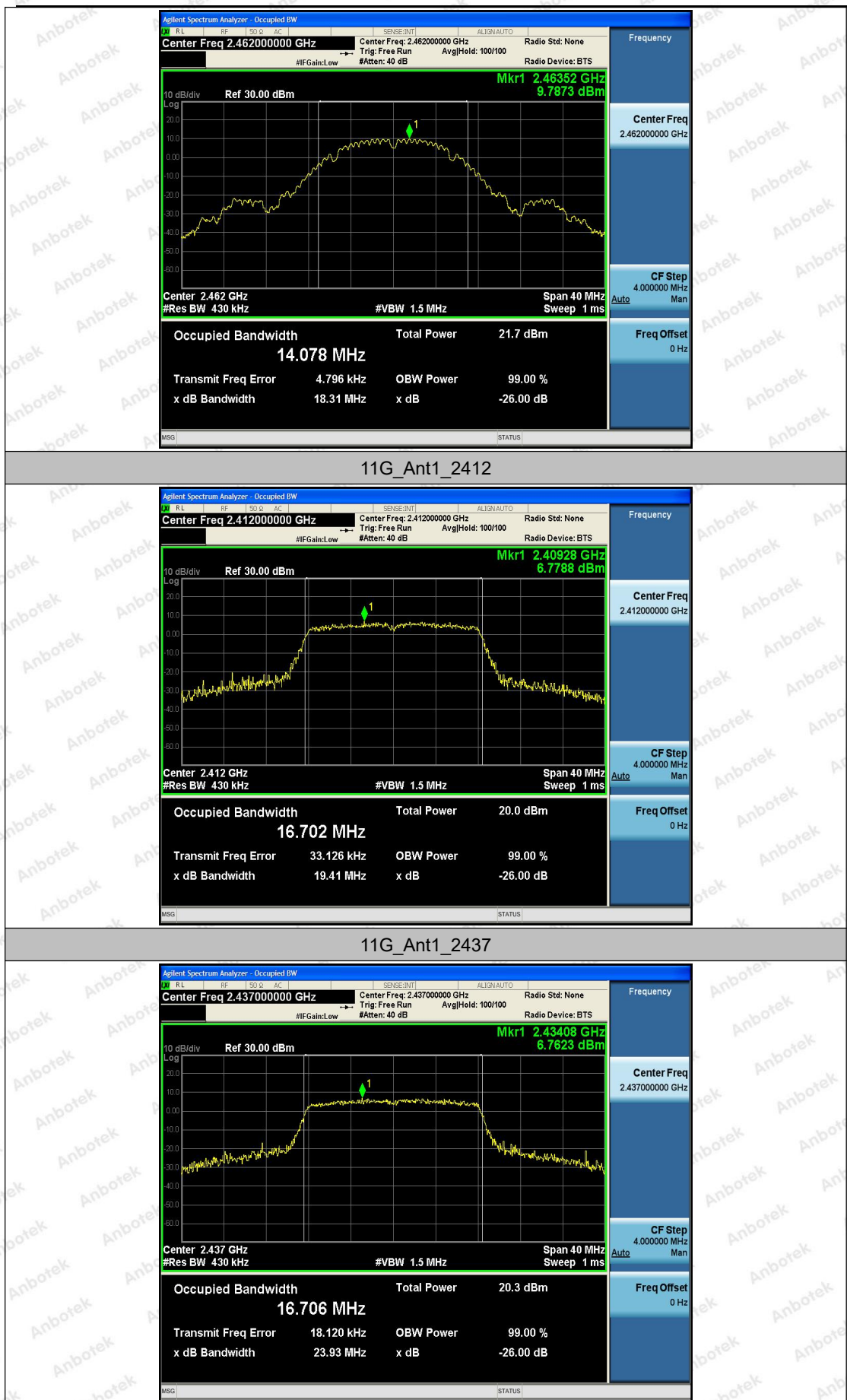


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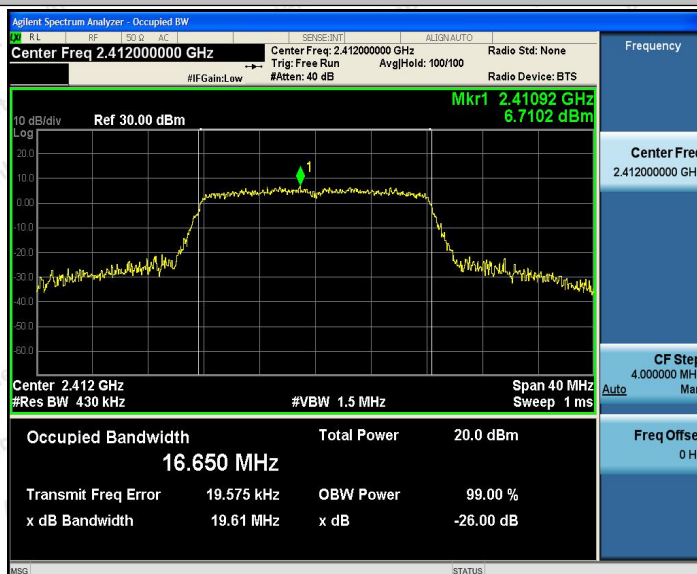
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11G_Ant1_2462



11N20_Ant1_2412



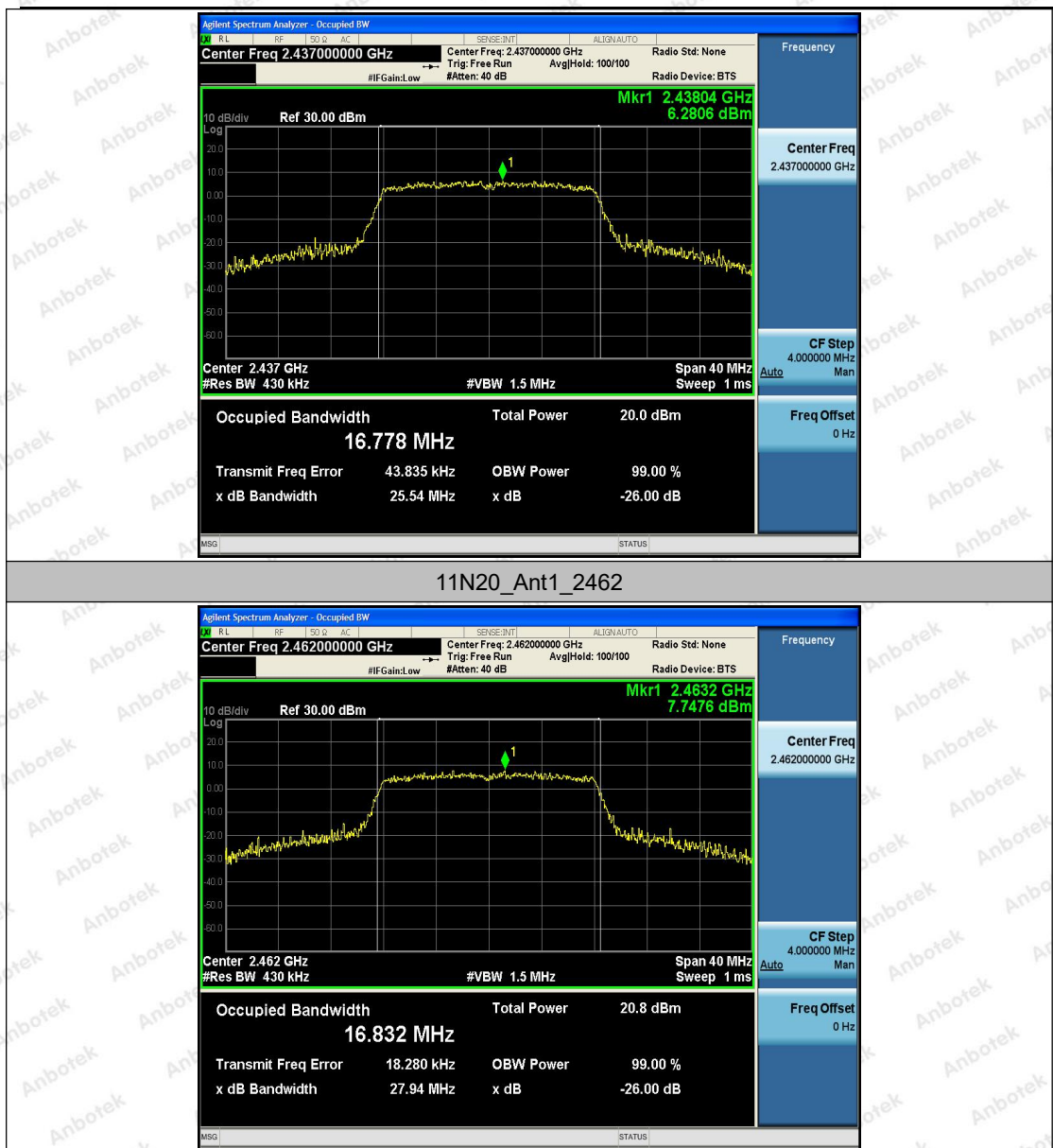
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Appendix C: Maximum conducted output power

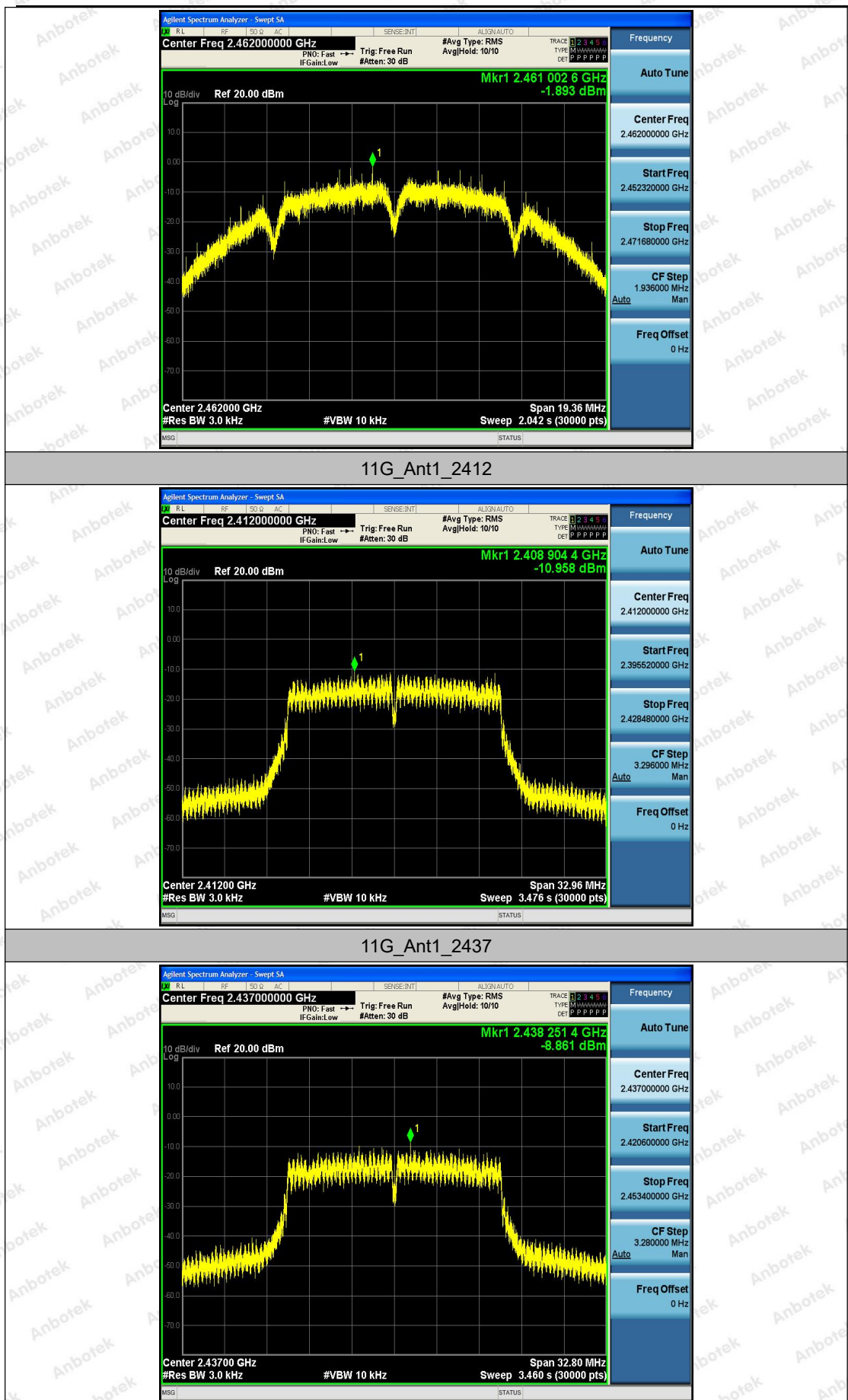
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	22.41	≤30	PASS
		2437	22.33	≤30	PASS
		2462	22.73	≤30	PASS
11G	Ant1	2412	22.03	≤30	PASS
		2437	22.38	≤30	PASS
		2462	22.69	≤30	PASS
11N20	Ant1	2412	22.07	≤30	PASS
		2437	22.18	≤30	PASS
		2462	22.80	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-1.86	≤8	PASS
		2437	-2.72	≤8	PASS
		2462	-1.89	≤8	PASS
11G	Ant1	2412	-10.96	≤8	PASS
		2437	-8.86	≤8	PASS
		2462	-10.24	≤8	PASS
11N20	Ant1	2412	-10.53	≤8	PASS
		2437	-11.09	≤8	PASS
		2462	-9.81	≤8	PASS



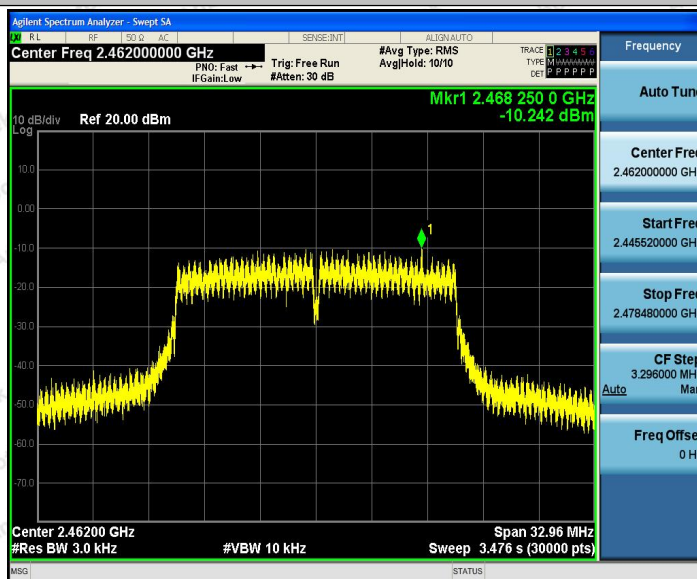
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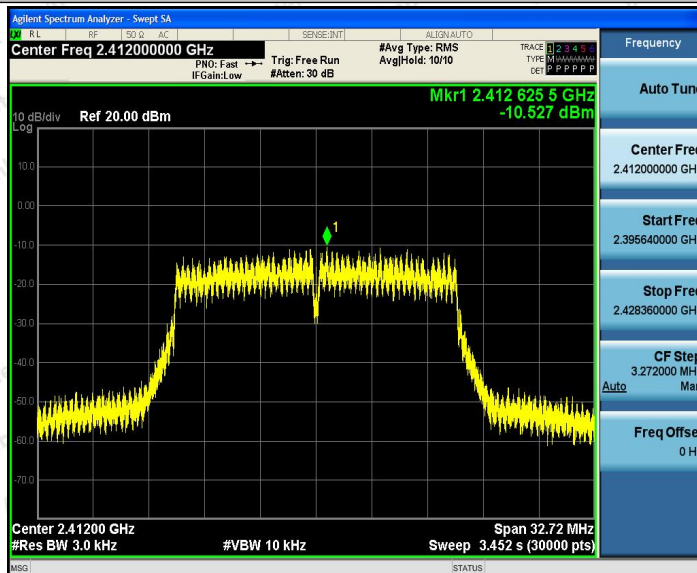
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11G_Ant1_2462



11N20_Ant1_2412



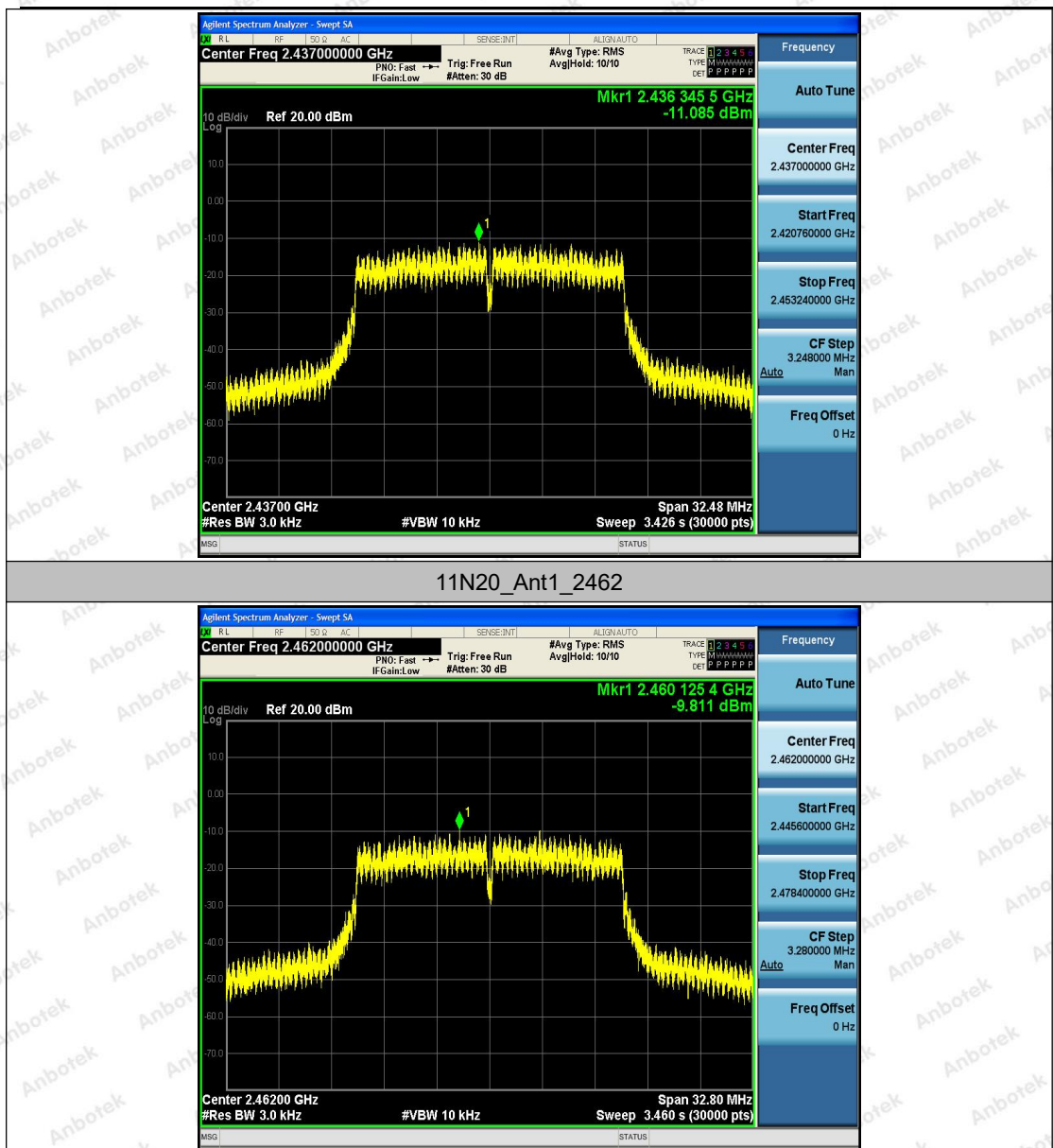
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Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	9.42	-28.62	≤-10.58	PASS
		High	2462	9.54	-40.08	≤-10.46	PASS
11G	Ant1	Low	2412	1.97	-29.73	≤-18.03	PASS
		High	2462	2.92	-39.8	≤-17.08	PASS
11N20	Ant1	Low	2412	0.33	-30.7	≤-19.67	PASS
		High	2462	1.55	-40.33	≤-18.46	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



11G_Ant1_Low_2412

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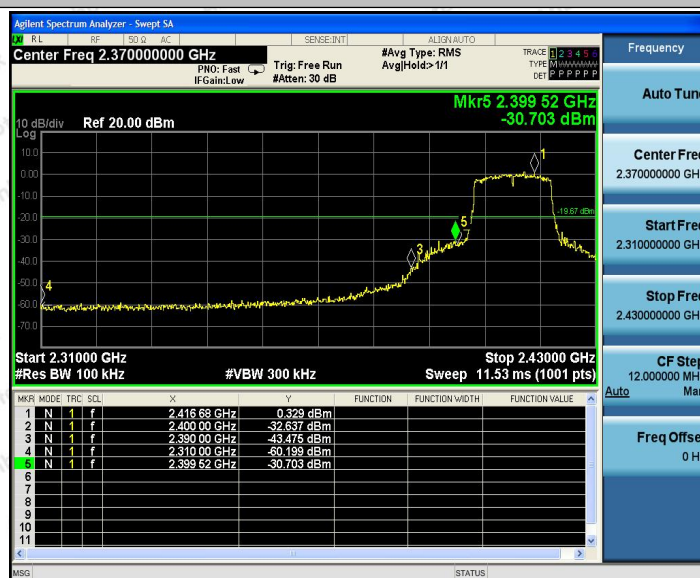
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11G_Ant1_High_2462



11N20_Ant1_Low_2412



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