

Appendix Test Data

Report No.:	18220WC20132301	Test Sample No.:	1-2-2
Start Test Date:	2022.6.28	Finish Test Date:	2022.7.12
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°C	Relative Humidity:	57.2 %
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	8.160	2407.920	2416.080	≥0.5	PASS
		2437	9.600	2431.960	2441.560	≥0.5	PASS
		2462	8.160	2457.920	2466.080	≥0.5	PASS
11G	Ant1	2412	13.640	2405.960	2419.600	≥0.5	PASS
		2437	14.720	2429.200	2443.920	≥0.5	PASS
		2462	13.800	2455.720	2469.520	≥0.5	PASS
11N20	Ant1	2412	15.120	2404.440	2419.560	≥0.5	PASS
		2437	15.120	2429.400	2444.520	≥0.5	PASS
		2462	15.080	2454.480	2469.560	≥0.5	PASS

Test Graphs





11G_Ant1_2412



11G_Ant1_2437



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11G_Ant1_2462



11N20_Ant1_2412



11N20_Ant1_2437

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11N20_Ant1_2462



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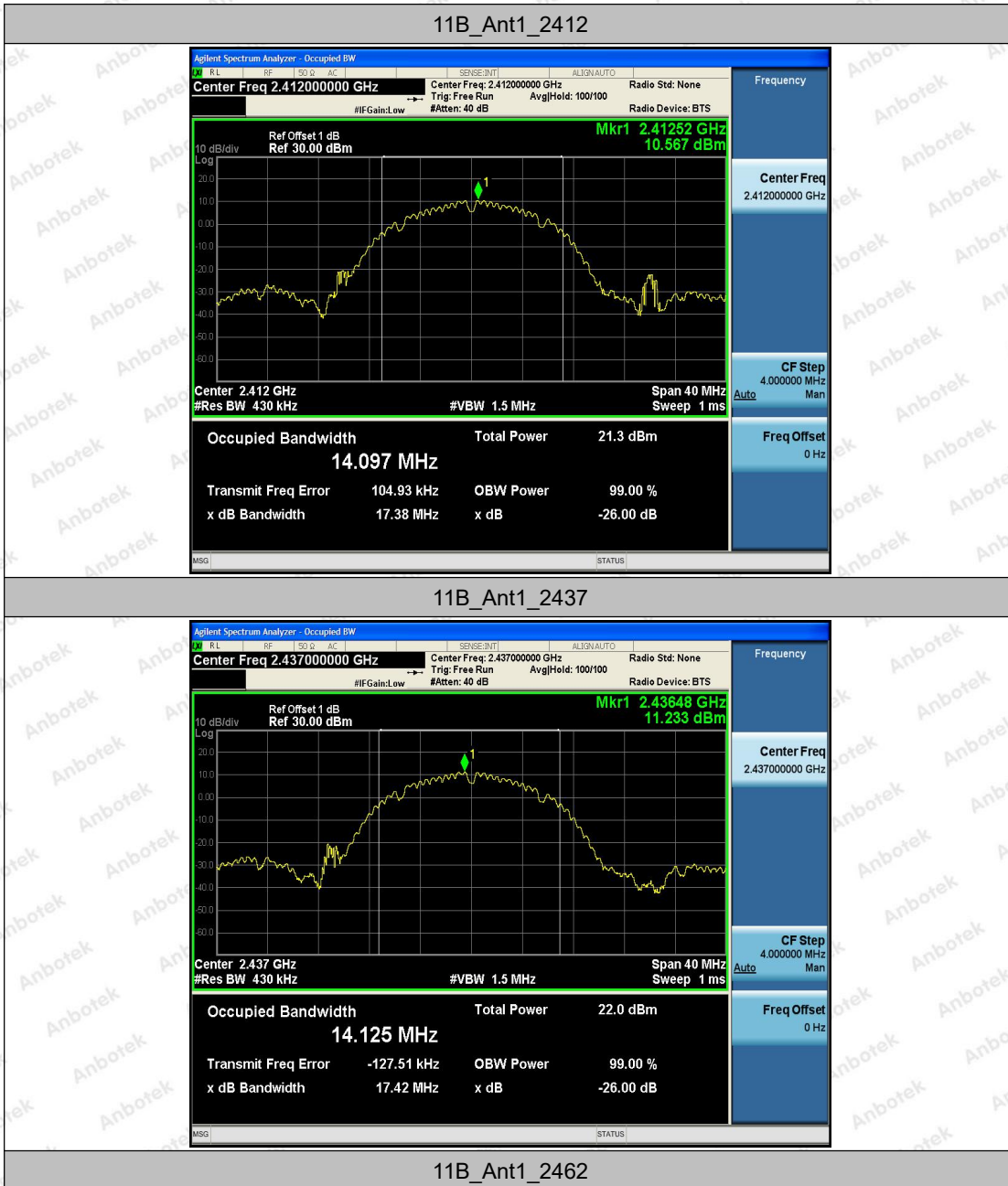
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.097	2405.056	2419.153	---	PASS
		2437	14.125	2429.810	2443.935	---	PASS
		2462	13.732	2455.310	2469.042	---	PASS
11G	Ant1	2412	16.570	2403.810	2420.380	---	PASS
		2437	16.525	2428.666	2445.191	---	PASS
		2462	16.466	2453.842	2470.308	---	PASS
11N20	Ant1	2412	17.750	2403.182	2420.932	---	PASS
		2437	17.657	2428.100	2445.757	---	PASS
		2462	17.533	2453.290	2470.823	---	PASS

Test Graphs

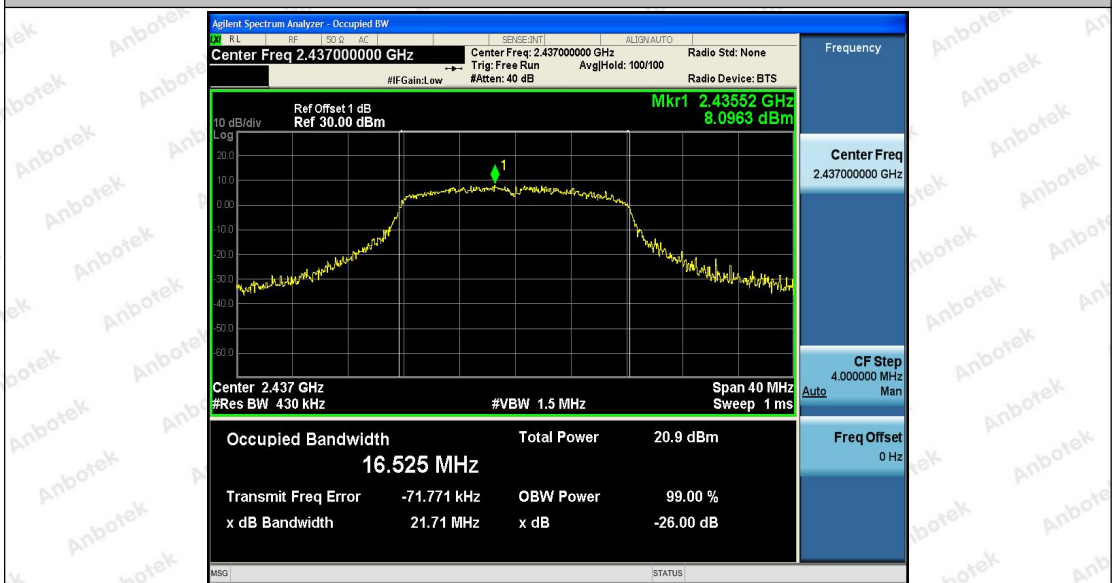




11G_Ant1_2412



11G_Ant1_2437

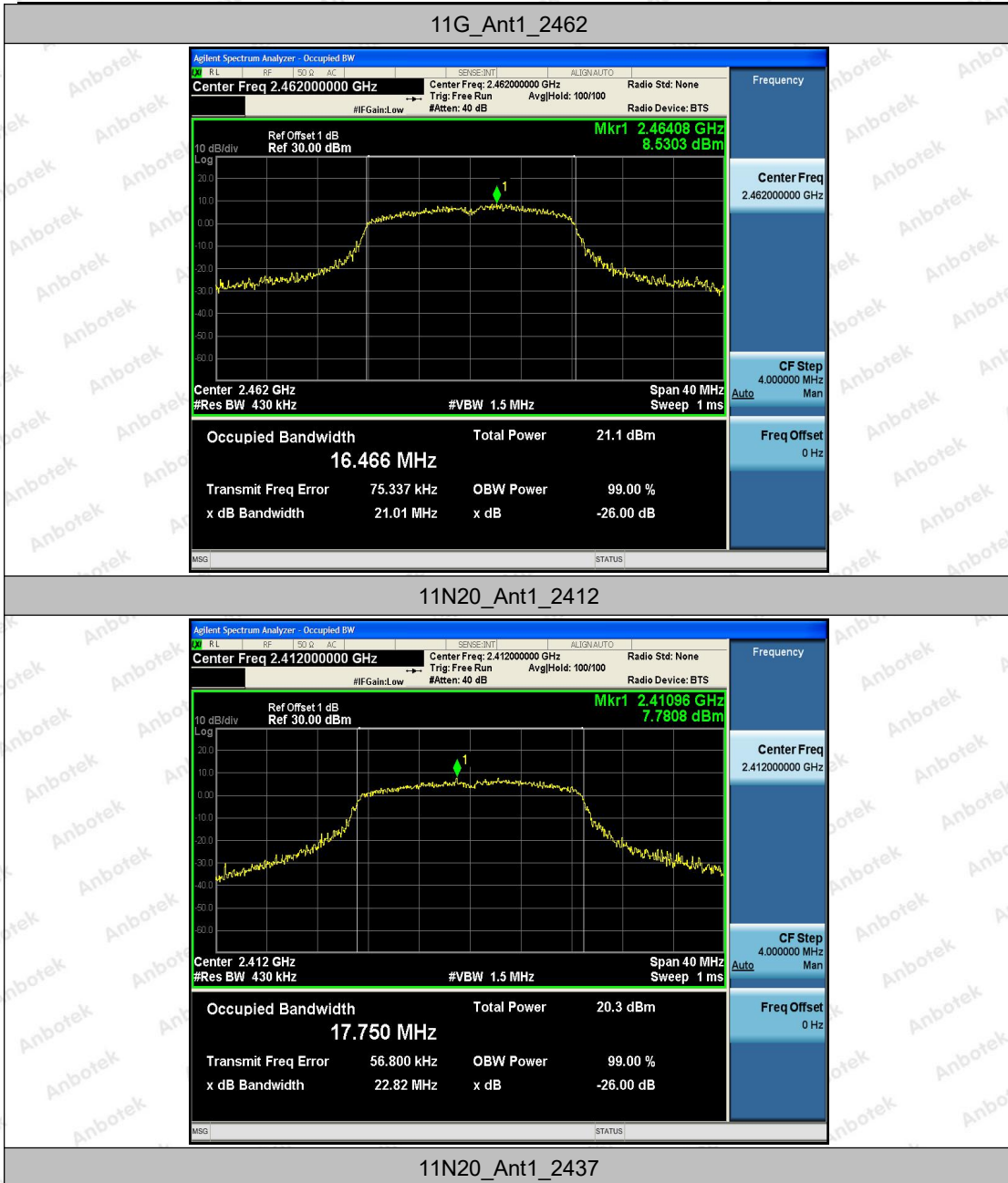


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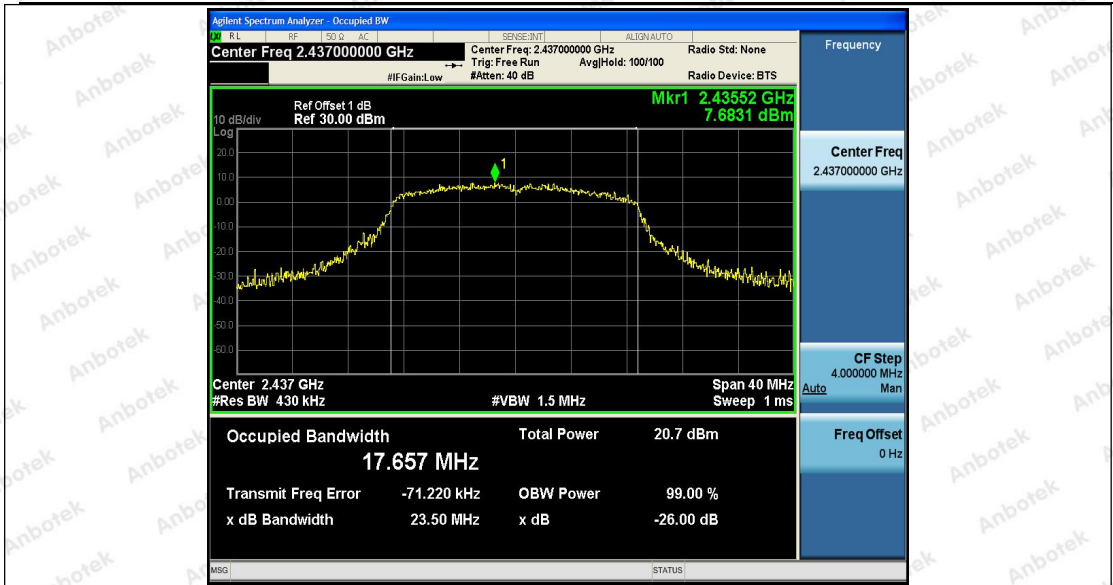


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11N20_Ant1_2462



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Appendix C: Maximum conducted output power

Test Result

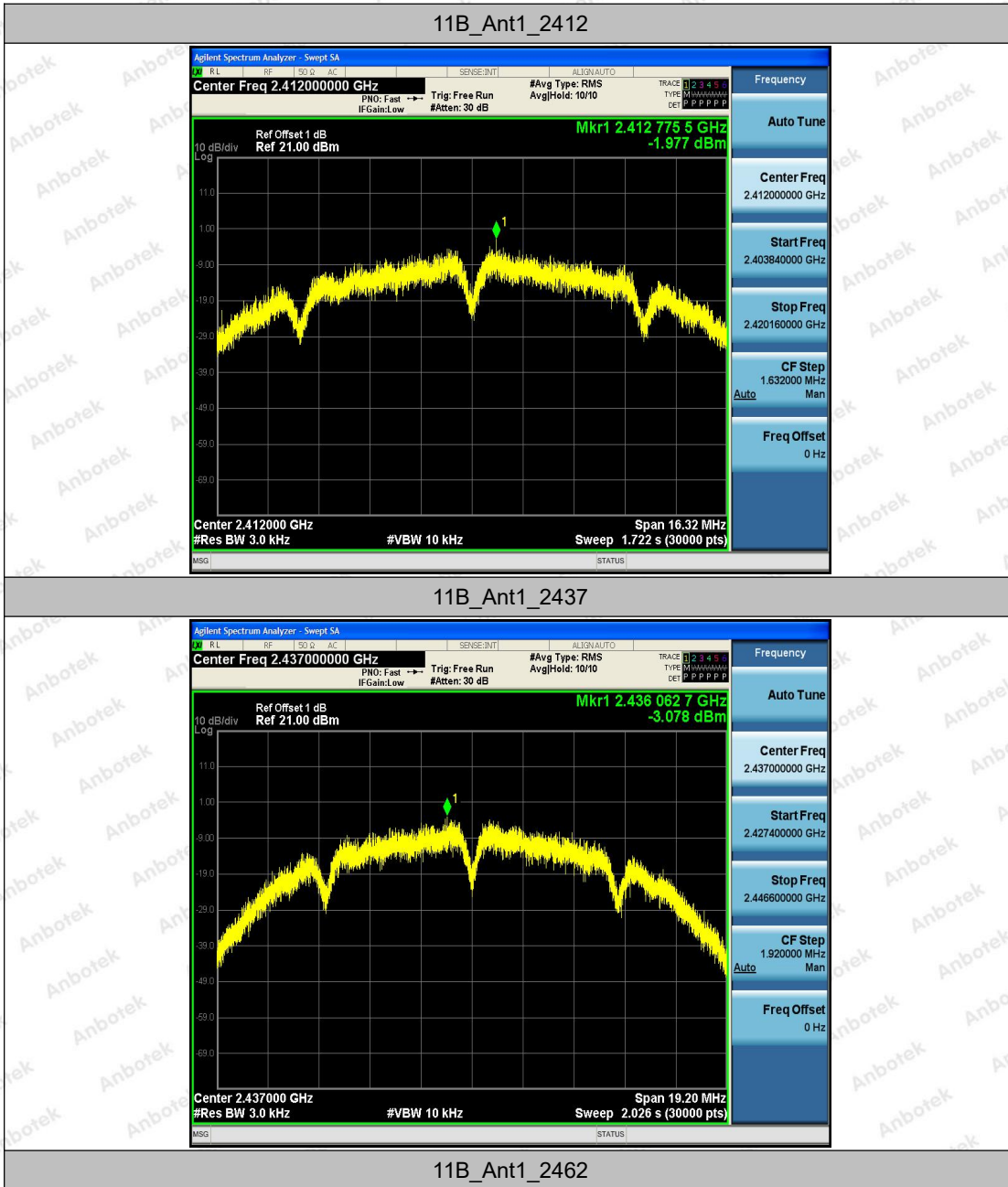
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	21.60	≤30	PASS
		2437	22.22	≤30	PASS
		2462	22.20	≤30	PASS
11G	Ant1	2412	21.65	≤30	PASS
		2437	22.17	≤30	PASS
		2462	22.26	≤30	PASS
11N20	Ant1	2412	21.38	≤30	PASS
		2437	21.97	≤30	PASS
		2462	22.15	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-1.98	≤8	PASS
		2437	-3.08	≤8	PASS
		2462	-1.76	≤8	PASS
11G	Ant1	2412	-10.23	≤8	PASS
		2437	-9.88	≤8	PASS
		2462	-8.69	≤8	PASS
11N20	Ant1	2412	-10.66	≤8	PASS
		2437	-9.85	≤8	PASS
		2462	-9.64	≤8	PASS

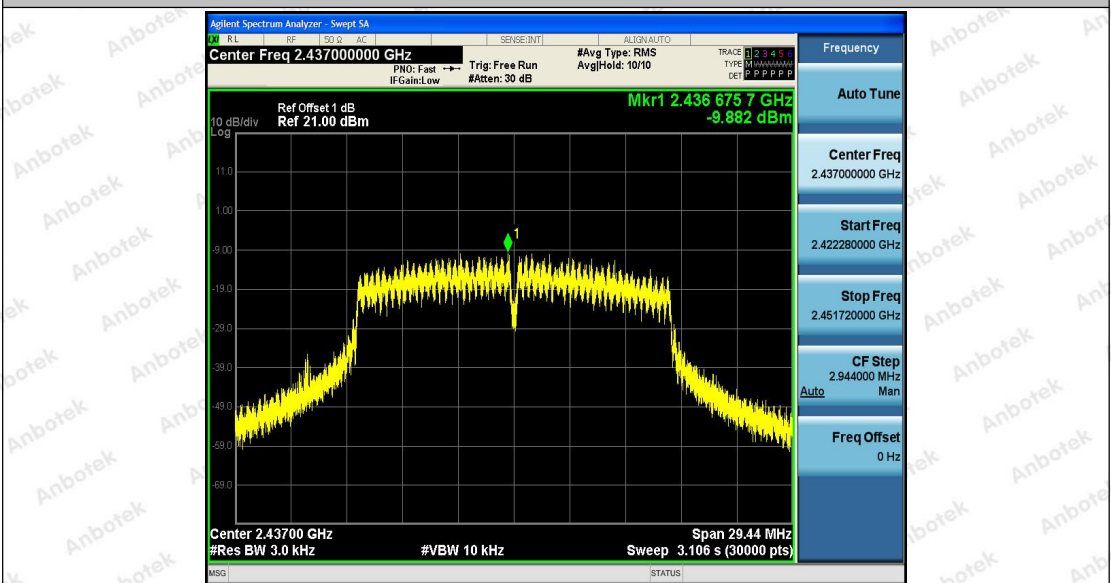
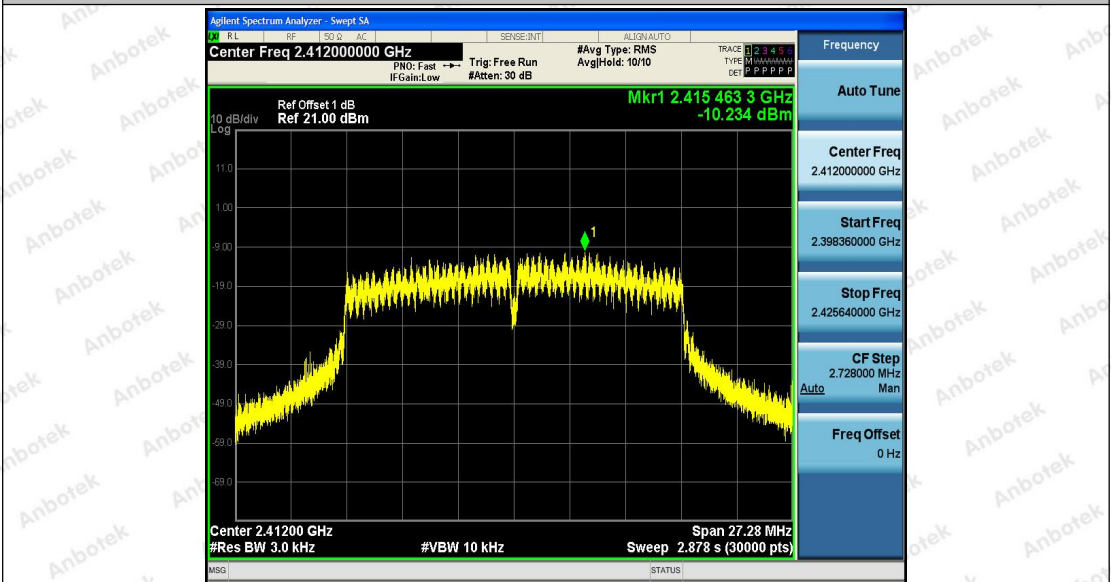
Test Graphs



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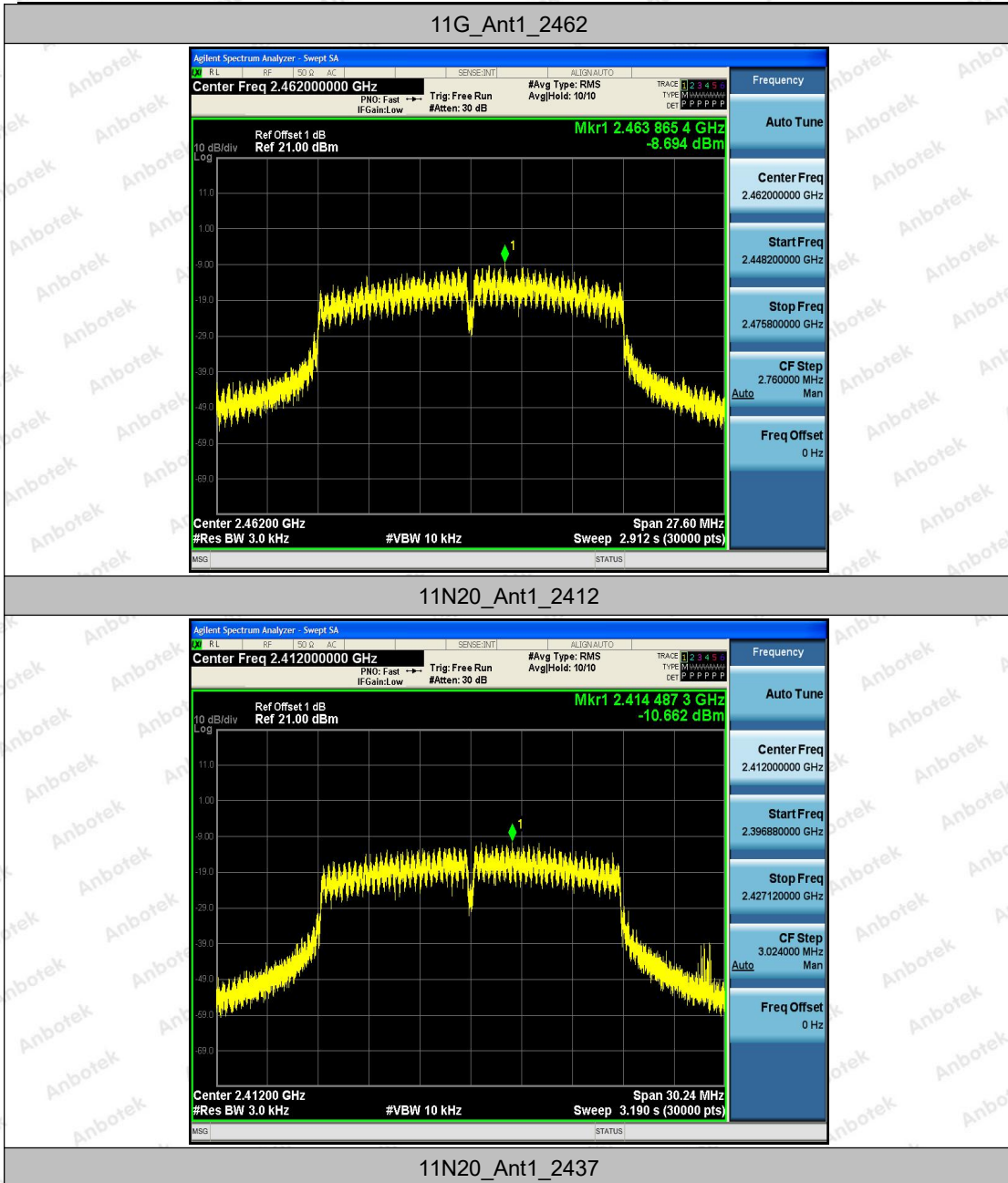


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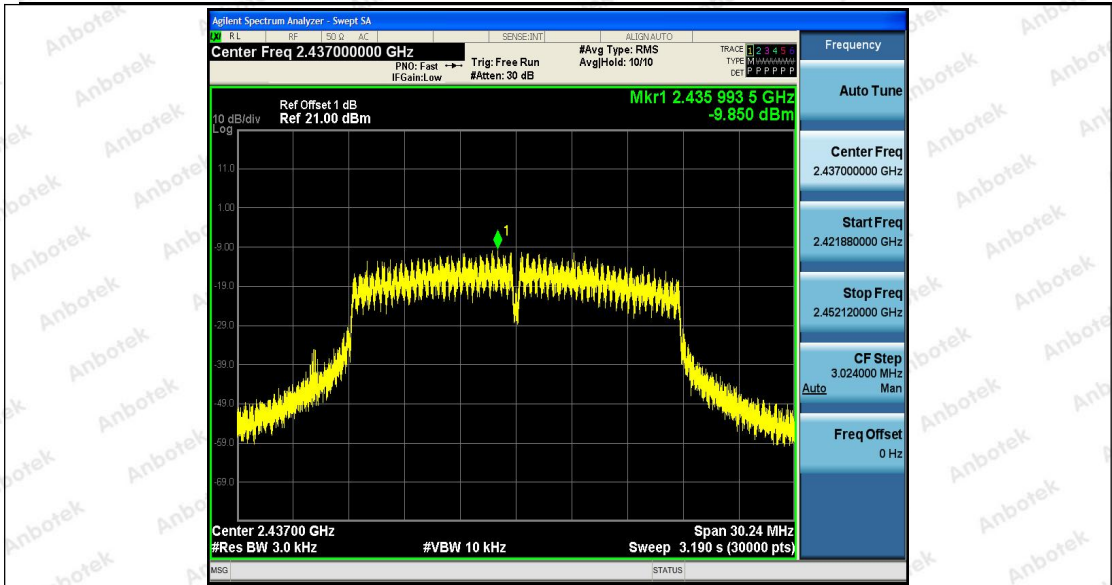
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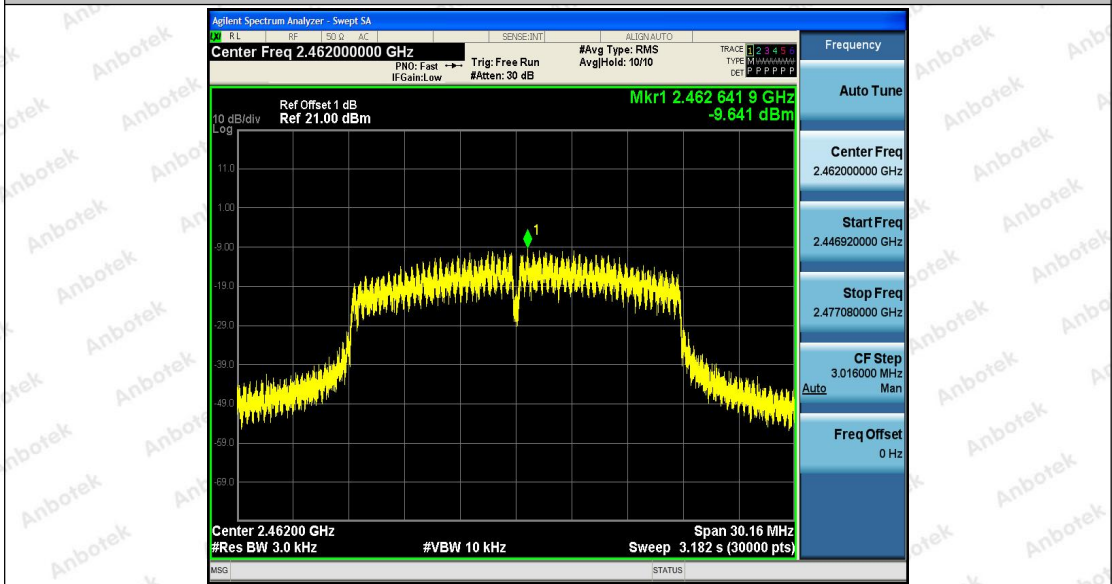
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11N20_Ant1_2462



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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	10.02	-27.83	≤-9.98	PASS
		High	2462	10.49	-38.12	≤-9.51	PASS
11G	Ant1	Low	2412	3.42	-29.39	≤-16.58	PASS
		High	2462	5.10	-32.96	≤-14.9	PASS
11N20	Ant1	Low	2412	3.63	-28.77	≤-16.37	PASS
		High	2462	3.98	-32.93	≤-16.02	PASS

Test Graphs

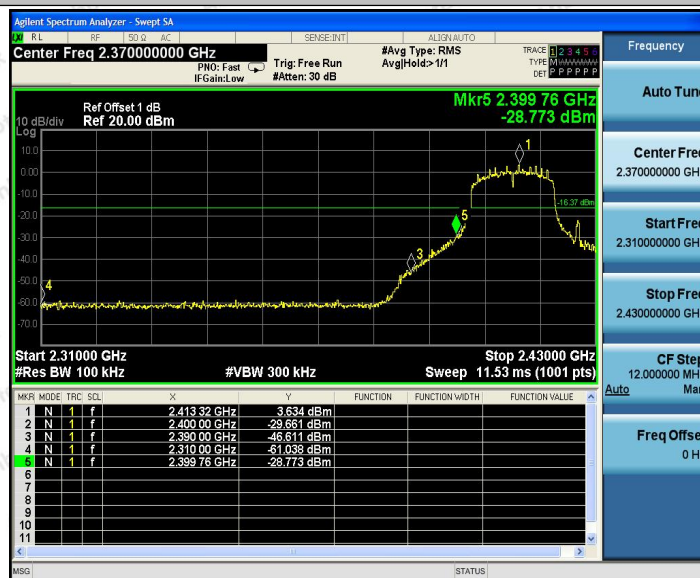

11B_Ant1_High_2462
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20_Ant1_Low_2412



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