

Appendix Test Data

Report No.:	18220WC20004902	Test Sample No.:	1-2-2
Start Test Date:	2022.1.7	Finish Test Date:	2022.1.11
Test Engineer:	<i>Jony He</i>	Auditor:	<i>Edward Pan</i>
Temperature:	24.3°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	9.120	2407.440	2416.560	≥0.5	PASS
		2437	9.600	2432.440	2442.040	≥0.5	PASS
		2462	9.640	2457.440	2467.080	≥0.5	PASS
11G	Ant1	2412	15.360	2404.440	2419.800	≥0.5	PASS
		2437	15.520	2429.440	2444.960	≥0.5	PASS
		2462	15.520	2454.400	2469.920	≥0.5	PASS
11N20	Ant1	2412	15.200	2404.400	2419.600	≥0.5	PASS
		2437	15.960	2429.440	2445.400	≥0.5	PASS
		2462	15.120	2455.440	2470.560	≥0.5	PASS
11N40	Ant1	2422	35.220	2404.420	2439.640	≥0.5	PASS
		2437	35.220	2419.360	2454.580	≥0.5	PASS
		2452	35.640	2434.360	2470.000	≥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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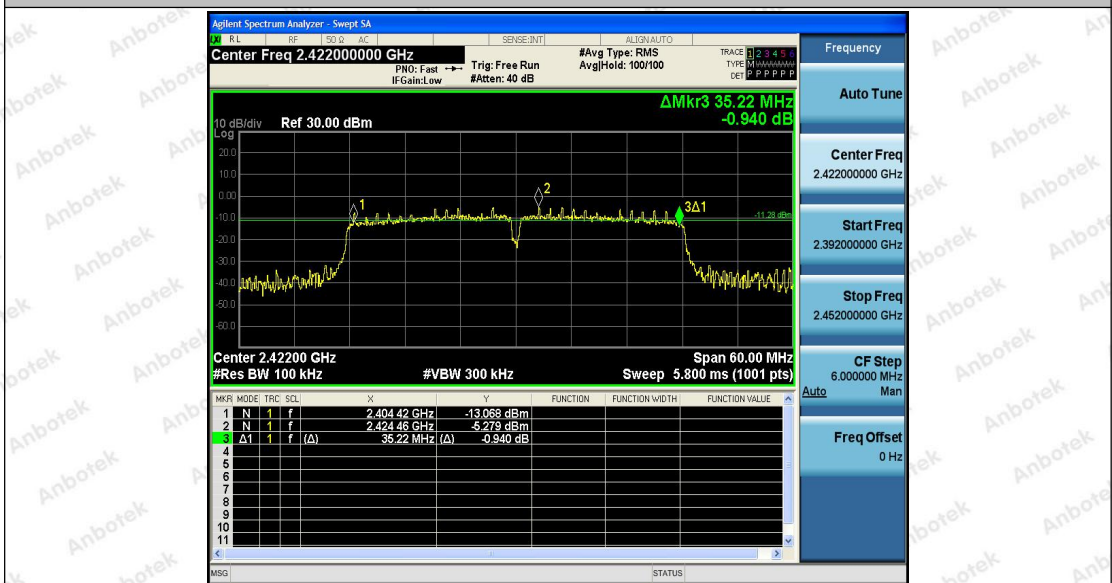
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11N20_Ant1_2462



11N40_Ant1_2422

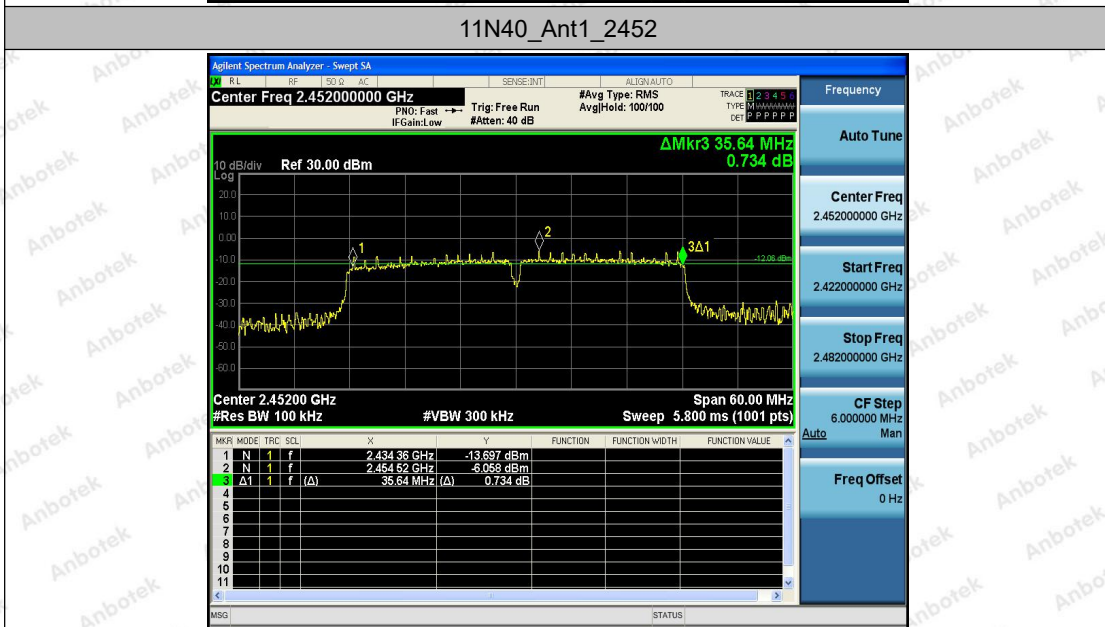
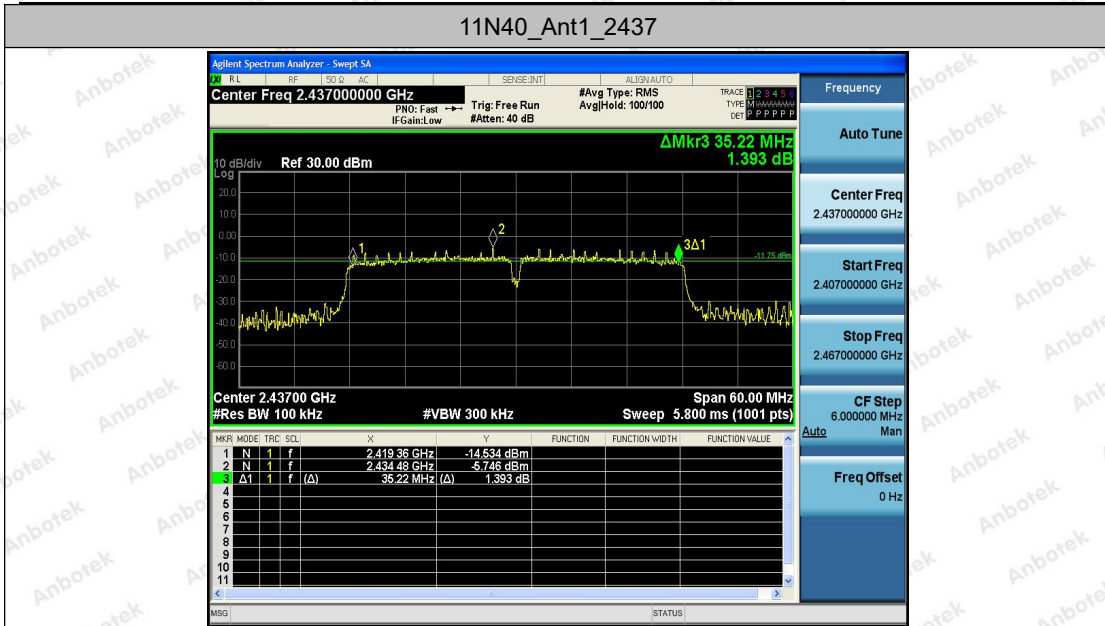


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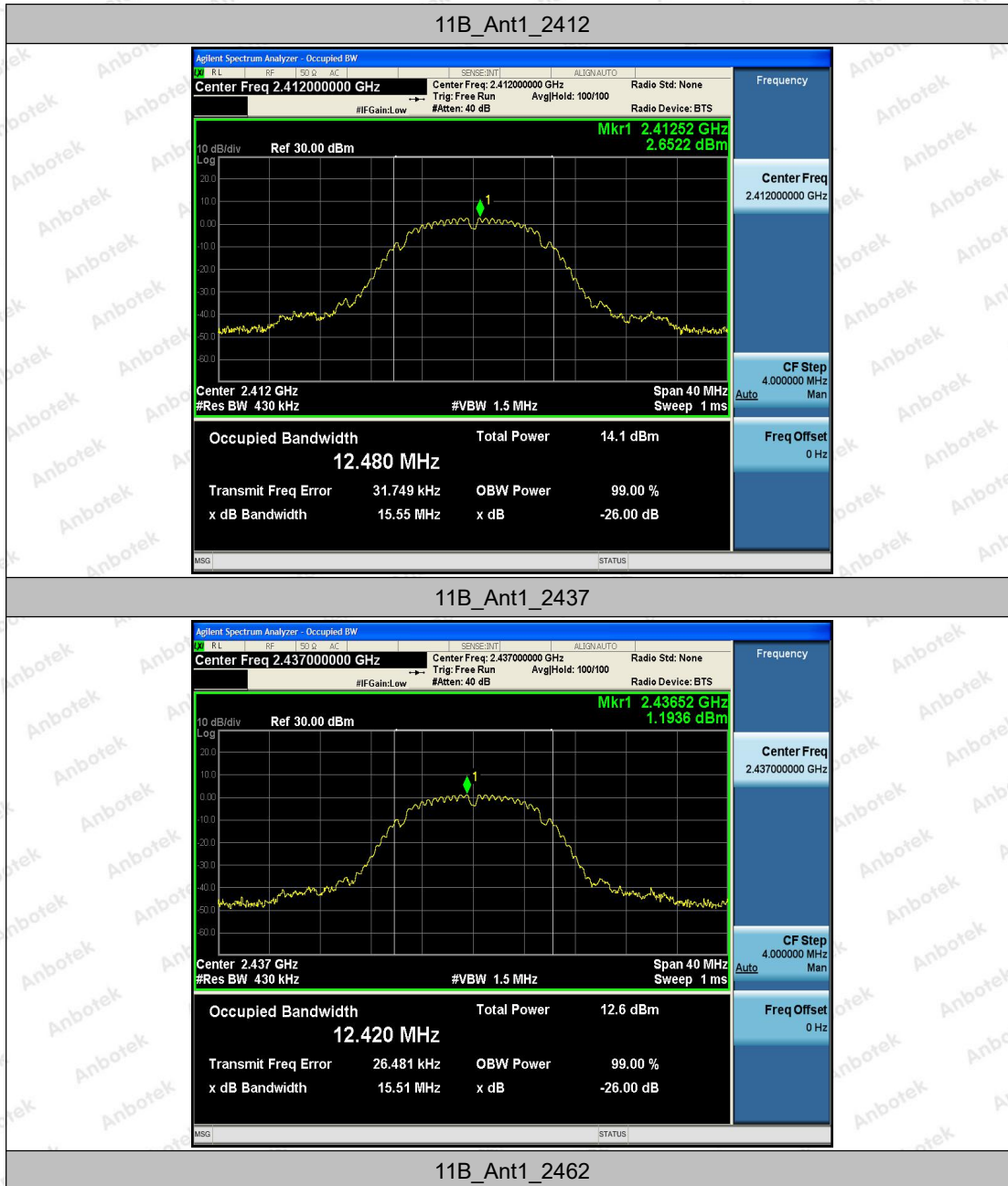
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Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.480	2405.792	2418.272	---	PASS
		2437	12.420	2430.816	2443.236	---	PASS
		2462	12.401	2455.915	2468.316	---	PASS
11G	Ant1	2412	16.912	2403.574	2420.486	---	PASS
		2437	16.881	2428.595	2445.476	---	PASS
		2462	17.147	2453.582	2470.729	---	PASS
11N20	Ant1	2412	17.729	2403.152	2420.881	---	PASS
		2437	17.909	2428.058	2445.967	---	PASS
		2462	18.001	2453.145	2471.146	---	PASS
11N40	Ant1	2422	36.036	2404.033	2440.069	---	PASS
		2437	36.109	2418.987	2455.096	---	PASS
		2452	36.223	2434.094	2470.317	---	PASS

Test Graphs



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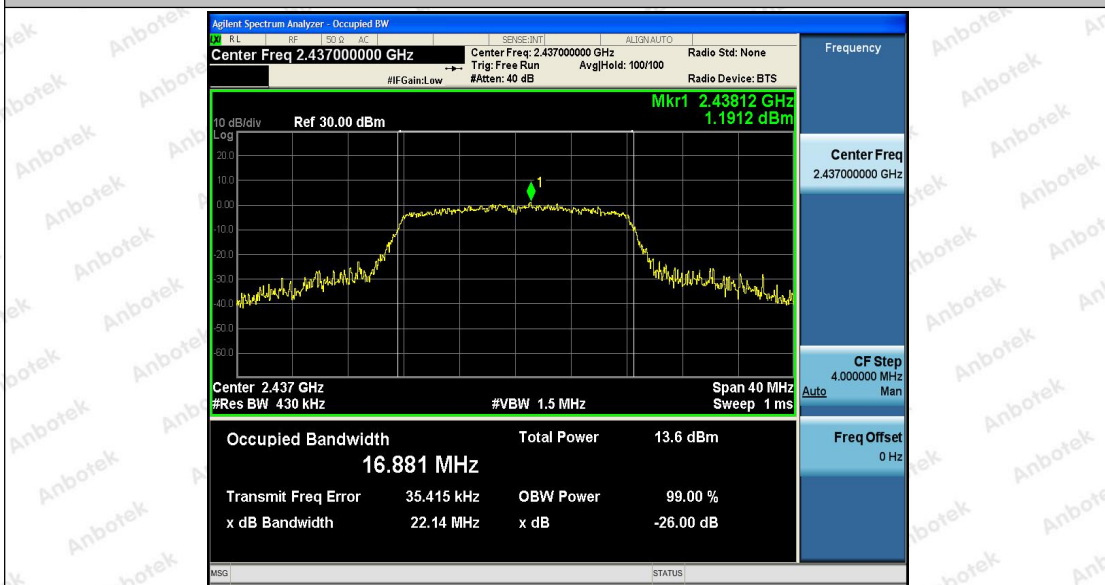
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11G_Ant1_2412



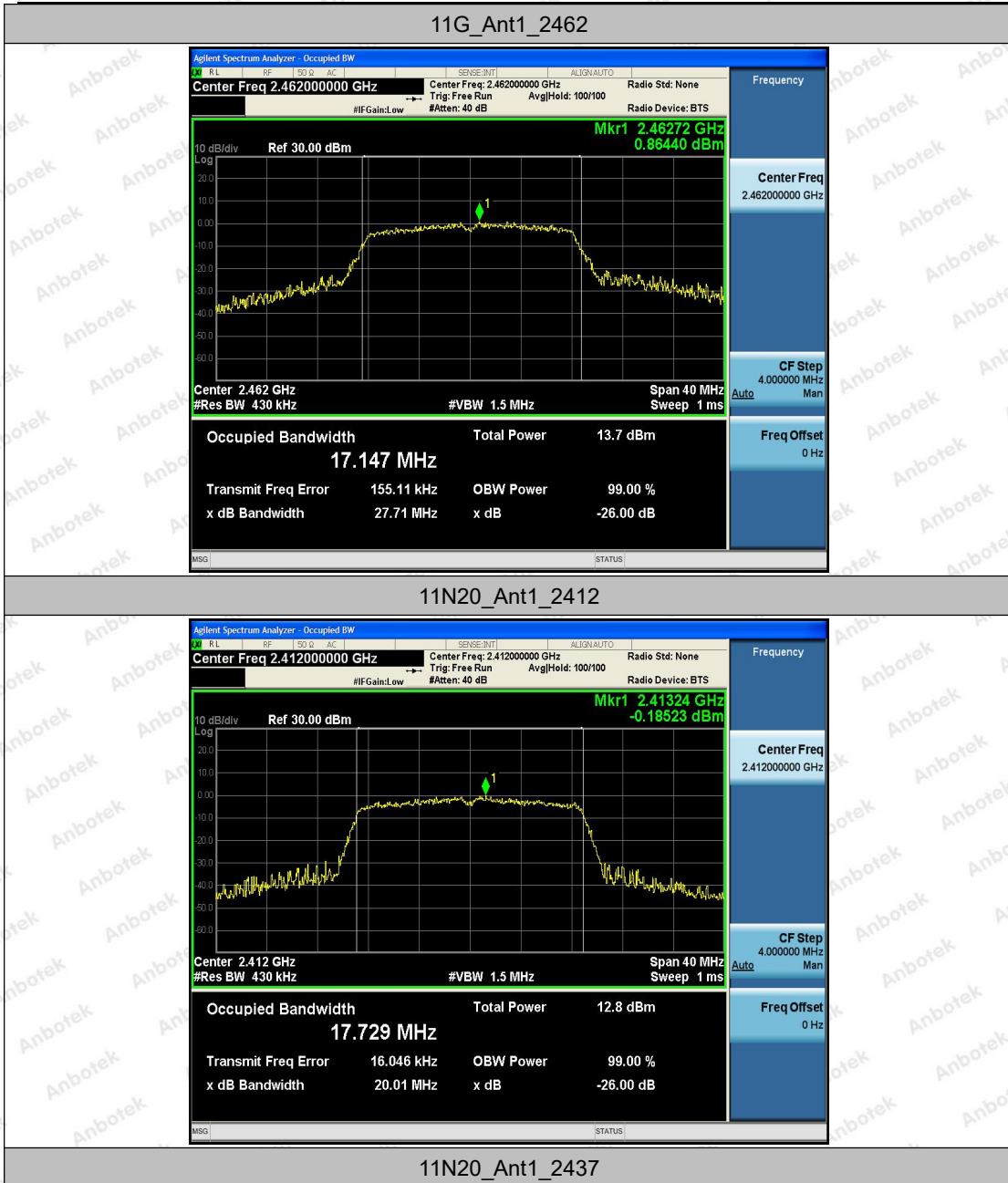
11G_Ant1_2437



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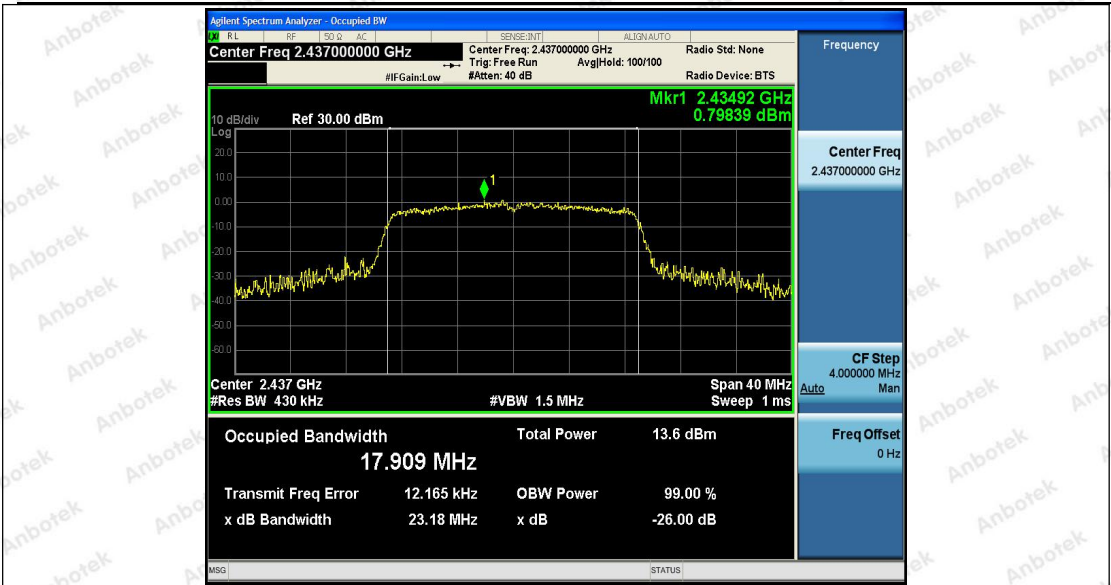


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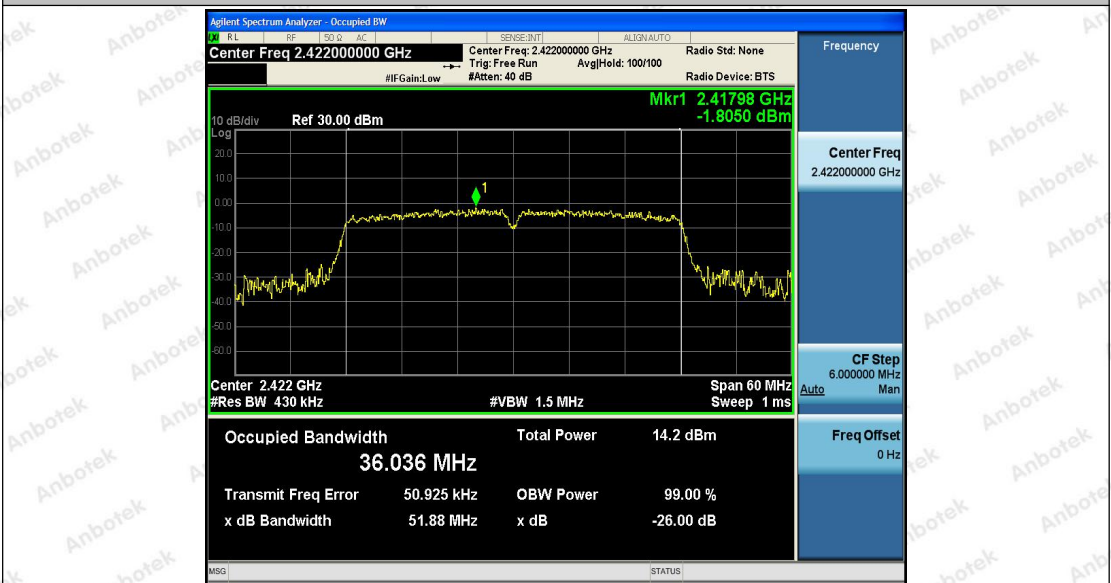
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11N20_Ant1_2462



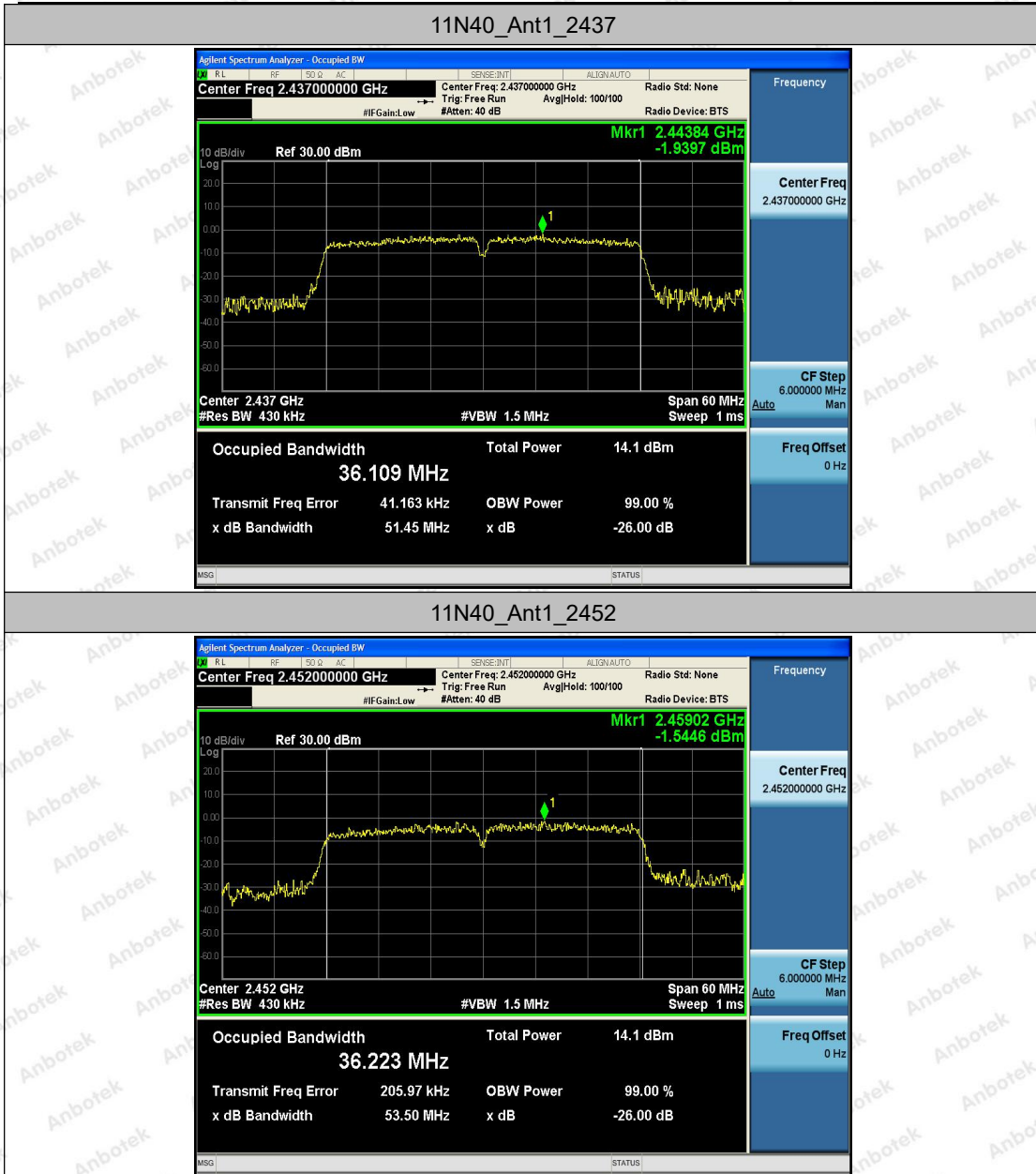
11N40_Ant1_2422



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Appendix C: Maximum conducted output power

Test Result

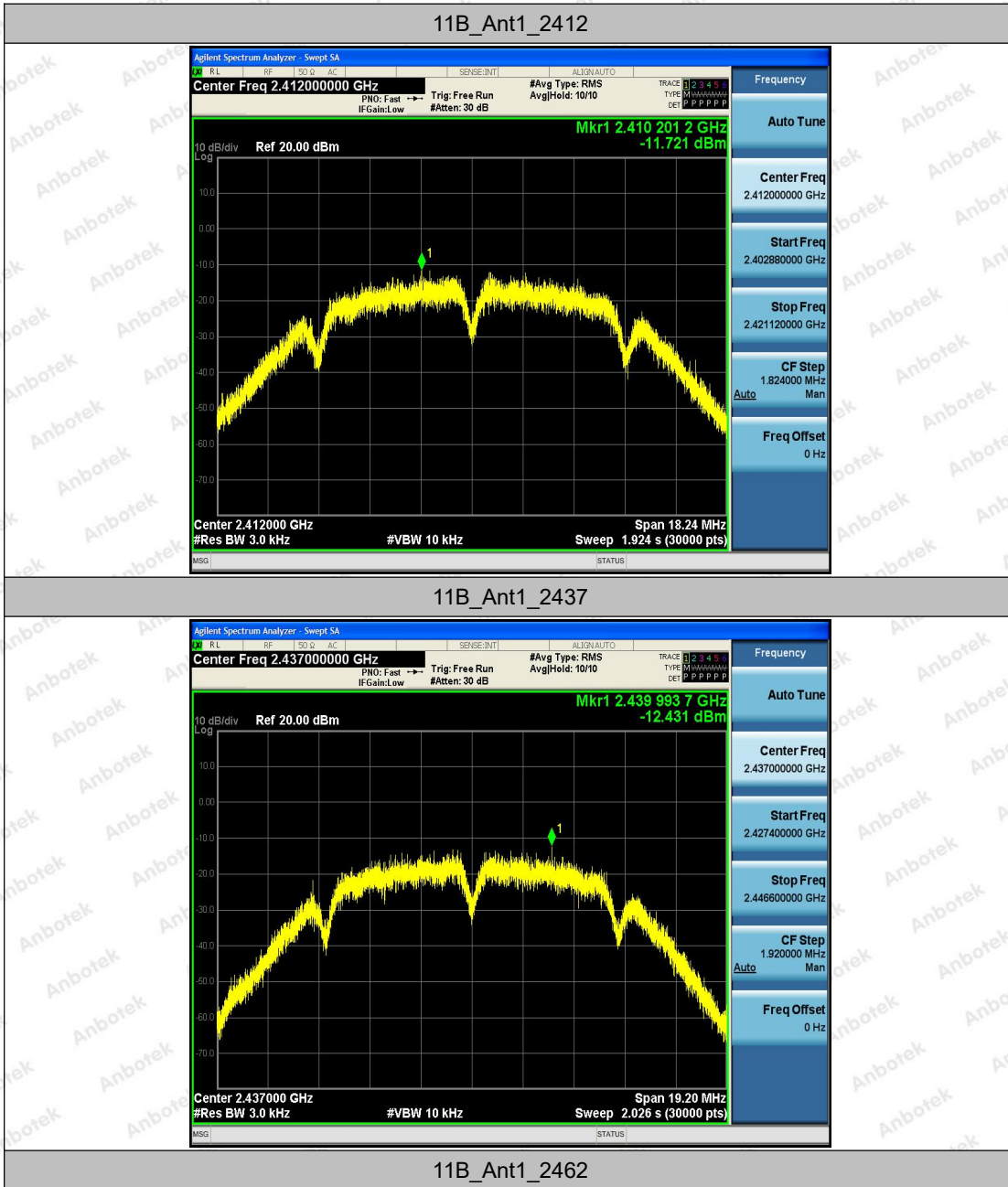
TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.09	≤30	PASS
		2437	12.65	≤30	PASS
		2462	12.57	≤30	PASS
11G	Ant1	2412	13.87	≤30	PASS
		2437	14.66	≤30	PASS
		2462	14.76	≤30	PASS
11N20	Ant1	2412	13.99	≤30	PASS
		2437	14.76	≤30	PASS
		2462	15.47	≤30	PASS
11N40	Ant1	2422	13.38	≤30	PASS
		2437	12.90	≤30	PASS
		2452	12.95	≤30	PASS

Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.72	≤8	PASS
		2437	-12.43	≤8	PASS
		2462	0.79	≤8	PASS
11G	Ant1	2412	-17.08	≤8	PASS
		2437	-16.66	≤8	PASS
		2462	-16.93	≤8	PASS
11N20	Ant1	2412	-18.03	≤8	PASS
		2437	-17.23	≤8	PASS
		2462	-15.88	≤8	PASS
11N40	Ant1	2422	-19.48	≤8	PASS
		2437	-19.41	≤8	PASS
		2452	-20.37	≤8	PASS

Test Graphs



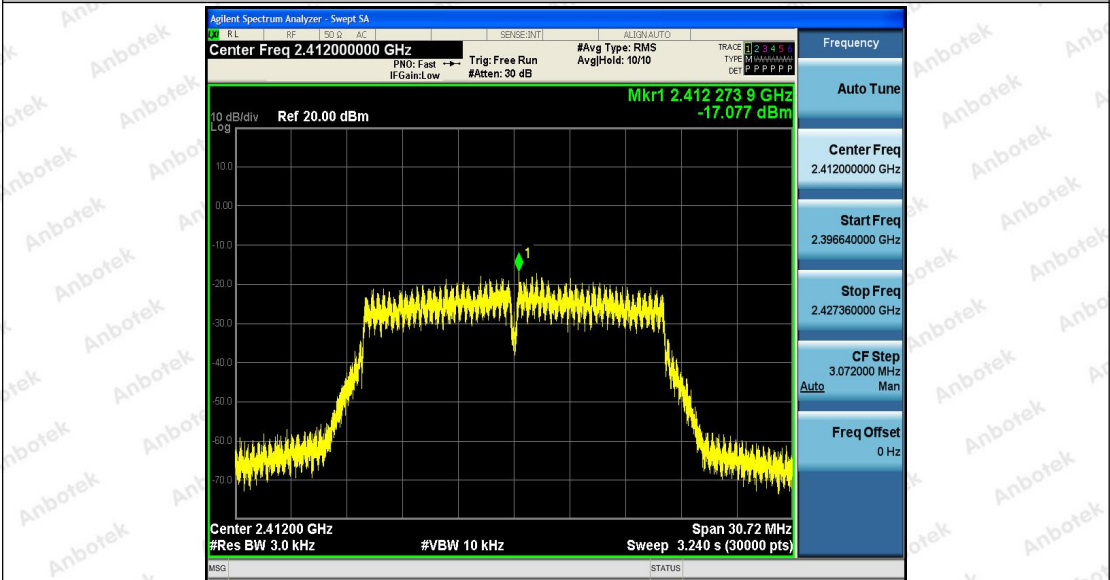
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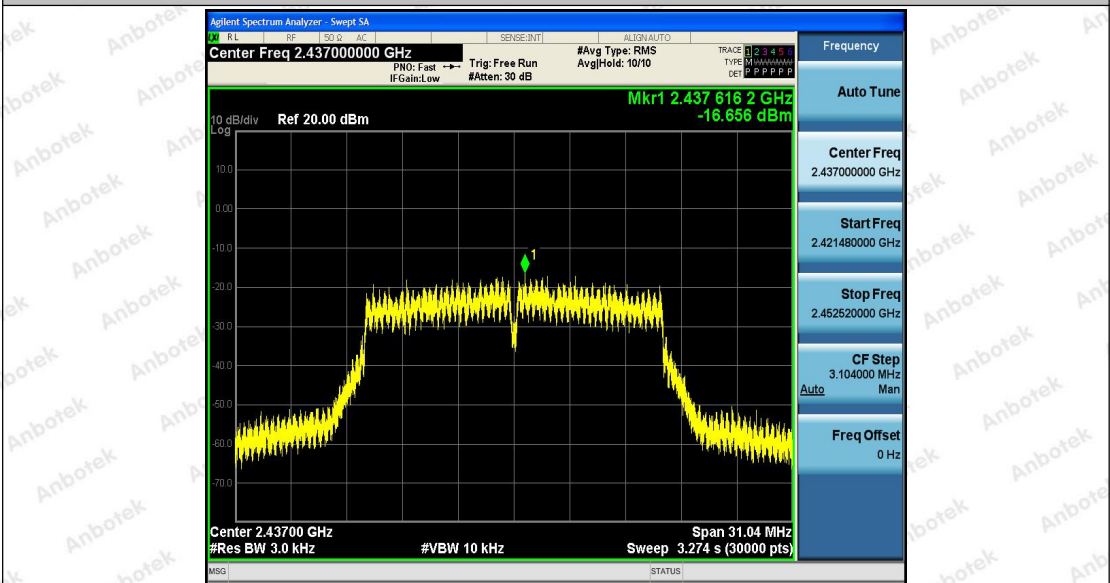
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11G_Ant1_2412



11G_Ant1_2437



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