

Appendix B: Test Results of WI-FI 2.4 GHz Band

APPENDIX B.1: TEST RESULTS OF FREQUENCY TOLERANCE	2
Test Result	2
Test Graphs	3
APPENDIX B.2: TEST RESULTS OF ANTENNA POWER	7
Test Result	7
APPENDIX B.3: TEST RESULTS OF OCCUPIED CHANNEL BANDWIDTH (99%)	10
Test Result	10
Test Graphs	11
APPENDIX B.4: TEST RESULTS OF SPREAD BANDWIDTH (90%)	30
Test Result	30
Test Graphs	31
APPENDIX B.5: TEST RESULTS OF SPURIOUS EMISSIONS FOR TRANSMITTER	50
Test Result	50
Test Graphs	55
APPENDIX B.6: TEST RESULTS OF SPURIOUS EMISSIONS FOR RECEIVER	164
Test Result	164
Test Graphs	167
APPENDIX B.7: TEST RESULTS OF CARRIER SENSING	225

Appendix B.1: Test Results of Frequency Tolerance

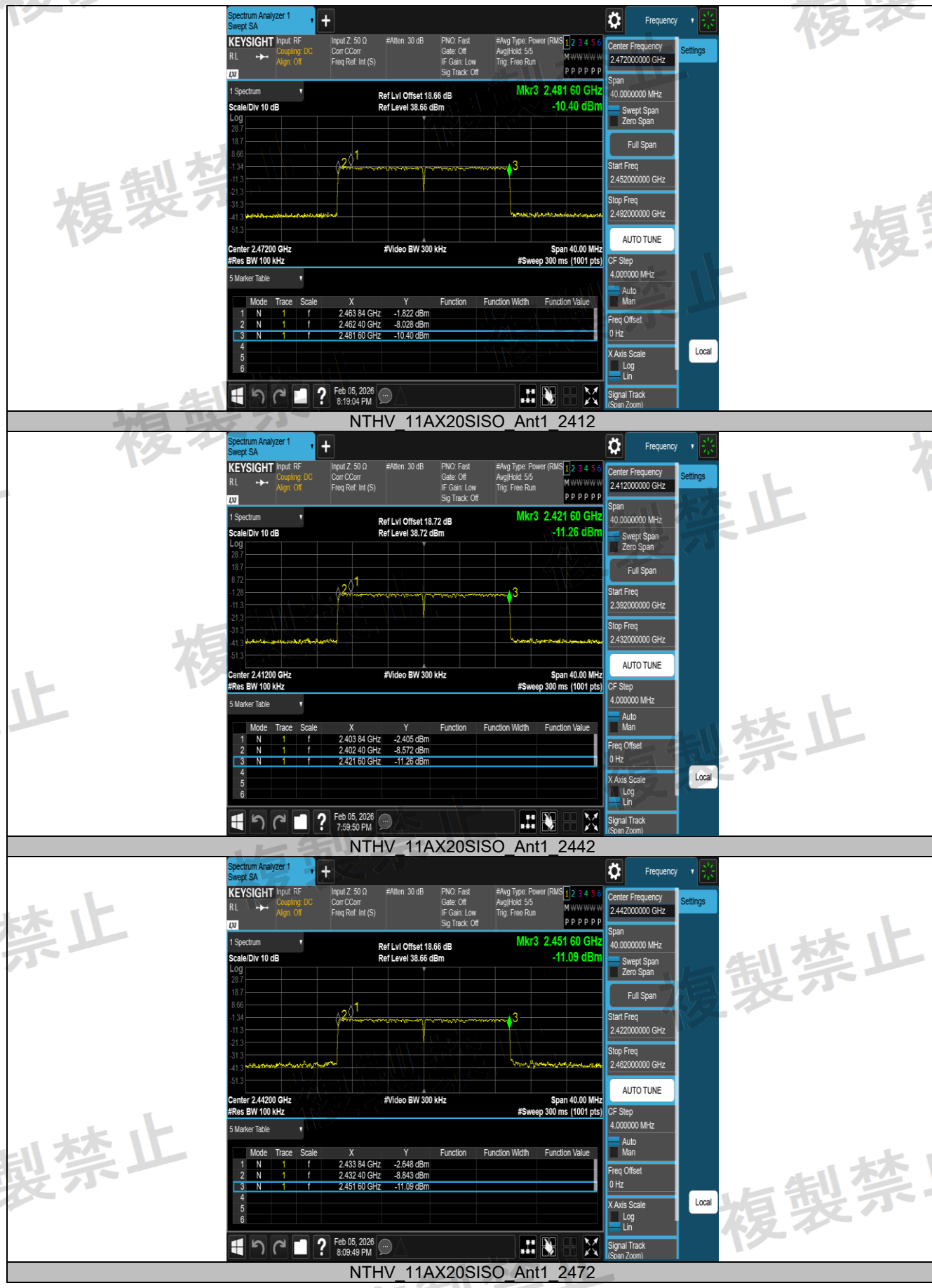
Test Result

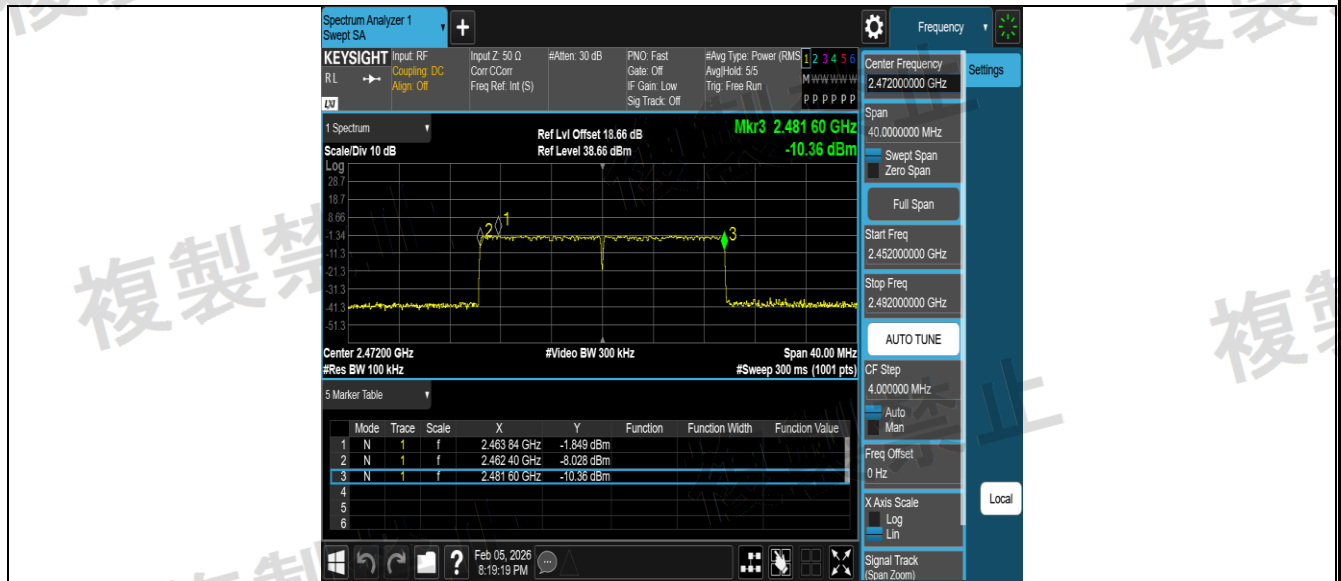
TestCondition	TestMode	Antenna	Frequency [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	11AX20SISO	Ant1	2412	0.00000	±50	PASS
			2442	0.00000	±50	PASS
			2472	0.00000	±50	PASS
NTLV	11AX20SISO	Ant1	2412	0.00000	±50	PASS
			2442	0.00000	±50	PASS
			2472	0.00000	±50	PASS
NTHV	11AX20SISO	Ant1	2412	0.00000	±50	PASS
			2442	0.00000	±50	PASS
			2472	0.00000	±50	PASS

Test Graphs









Appendix B.2: Test Results of Antenna Power

Test Result

Antenna Power							
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result (dBm/MHz)	Result (mW/MHz)	Limit (mW/MHz)	Verdict
NTNV	11B	Ant1	2412	8.55	7.1614	≤10	PASS
			2442	8.12	6.4863	≤10	PASS
			2472	7.42	5.5208	≤10	PASS
	11G	Ant1	2412	3.84	2.4210	≤10	PASS
			2442	3.87	2.4378	≤10	PASS
			2472	4.67	2.9309	≤10	PASS
	11N20SISO	Ant1	2412	3.79	2.3933	≤10	PASS
			2442	3.39	2.1827	≤10	PASS
			2472	4.42	2.7669	≤10	PASS
	11N40SISO	Ant1	2422	0.54	1.1324	≤5	PASS
			2442	0.25	1.0593	≤5	PASS
			2462	1.26	1.3366	≤5	PASS
	11AX20SISO	Ant1	2412	3.46	2.2182	≤10	PASS
			2442	3.19	2.0845	≤10	PASS
			2472	4.09	2.5645	≤10	PASS
	11AX40SISO	Ant1	2422	0.37	1.0889	≤5	PASS
			2442	0.07	1.0162	≤5	PASS
			2462	1.02	1.2647	≤5	PASS
NTLV	11B	Ant1	2412	8.55	7.1614	≤10	PASS
			2442	8.12	6.4863	≤10	PASS
			2472	7.40	5.4954	≤10	PASS
	11G	Ant1	2412	3.83	2.4155	≤10	PASS
			2442	3.88	2.4434	≤10	PASS
			2472	4.67	2.9309	≤10	PASS
	11N20SISO	Ant1	2412	3.80	2.3988	≤10	PASS
			2442	3.39	2.1827	≤10	PASS
			2472	4.41	2.7606	≤10	PASS
	11N40SISO	Ant1	2422	0.54	1.1324	≤5	PASS
			2442	0.24	1.0568	≤5	PASS
			2462	1.26	1.3366	≤5	PASS
	11AX20SISO	Ant1	2412	3.47	2.2233	≤10	PASS
			2442	3.18	2.0797	≤10	PASS
			2472	4.09	2.5645	≤10	PASS
	11AX40SISO	Ant1	2422	0.37	1.0889	≤5	PASS
			2442	0.06	1.0139	≤5	PASS
			2462	1.01	1.2618	≤5	PASS
NTHV	11B	Ant1	2412	8.56	7.1779	≤10	PASS
			2442	8.13	6.5013	≤10	PASS
			2472	7.43	5.5335	≤10	PASS
	11G	Ant1	2412	3.84	2.4210	≤10	PASS
			2442	3.88	2.4434	≤10	PASS
			2472	4.68	2.9376	≤10	PASS
	11N20SISO	Ant1	2412	3.80	2.3988	≤10	PASS
			2442	3.40	2.1878	≤10	PASS
			2472	4.42	2.7669	≤10	PASS
	11N40SISO	Ant1	2422	0.54	1.1324	≤5	PASS
			2442	0.25	1.0593	≤5	PASS
			2462	1.27	1.3397	≤5	PASS
	11AX20SISO	Ant1	2412	3.47	2.2233	≤10	PASS
			2442	3.20	2.0893	≤10	PASS
			2472	4.10	2.5704	≤10	PASS
	11AX40SISO	Ant1	2422	0.38	1.0914	≤5	PASS
			2442	0.07	1.0162	≤5	PASS
			2462	1.02	1.2647	≤5	PASS

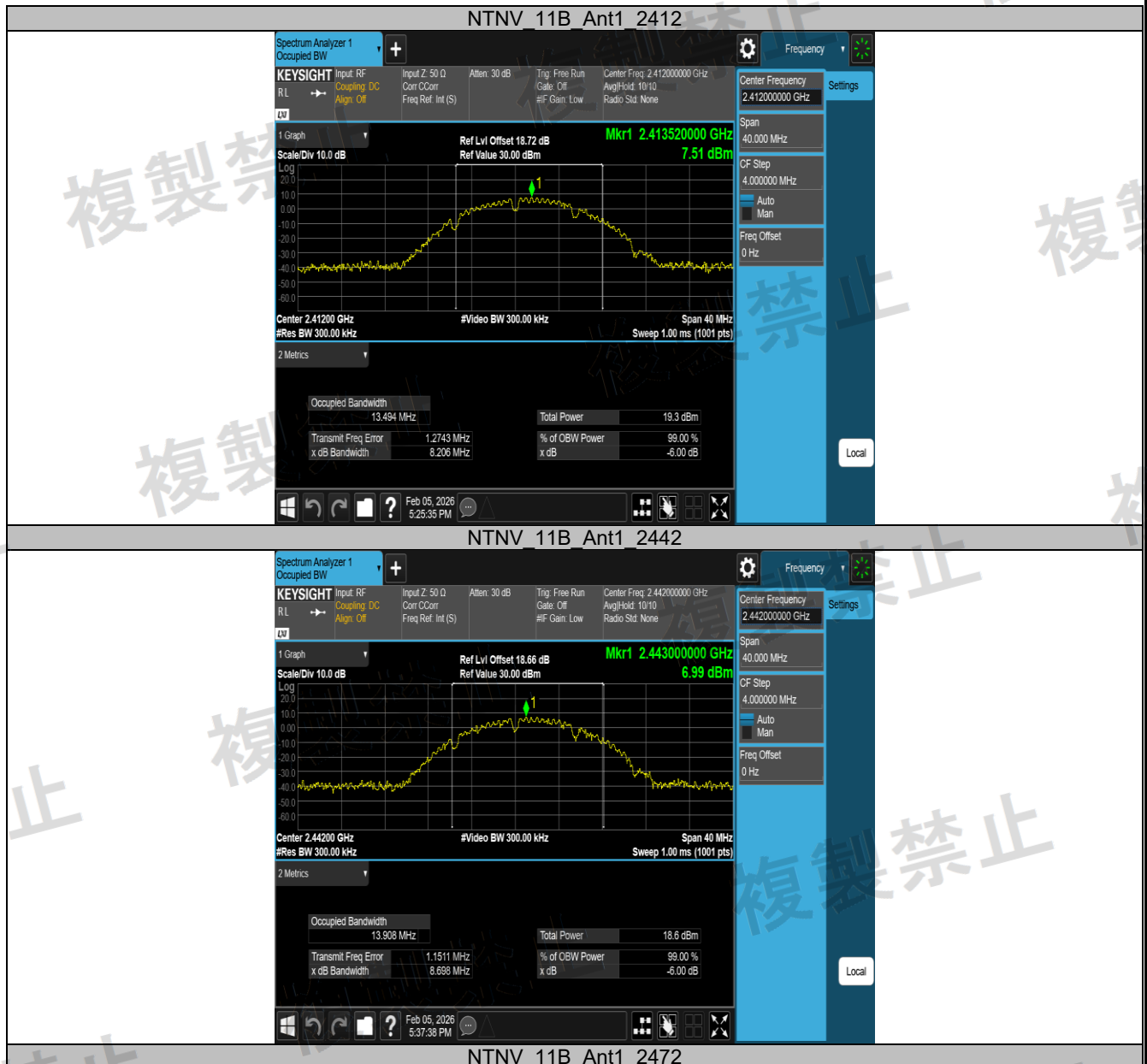
Tolerance								
Test Condition	Test Mode	Antenna	Frequency [MHz]	Power (mW/MHz)	RatedPower (mW/MHz)	Result (%)	Limit (%)	Verdict
NTNV	11B	Ant1	2412	7.1614	10	-28.39	-80 to +20	PASS
			2442	6.4863	10	-35.14	-80 to +20	PASS
			2472	5.5208	10	-44.79	-80 to +20	PASS
	11G	Ant1	2412	2.4210	10	-75.79	-80 to +20	PASS
			2442	2.4378	10	-75.62	-80 to +20	PASS
			2472	2.9309	10	-70.69	-80 to +20	PASS
	11N20SISO	Ant1	2412	2.3933	10	-76.07	-80 to +20	PASS
			2442	2.1827	10	-78.17	-80 to +20	PASS
			2472	2.7669	10	-72.33	-80 to +20	PASS
	11N40SISO	Ant1	2422	1.1324	5	-77.35	-80 to +20	PASS
			2442	1.0593	5	-78.81	-80 to +20	PASS
			2462	1.3366	5	-73.27	-80 to +20	PASS
	11AX20SISO	Ant1	2412	2.2182	10	-77.82	-80 to +20	PASS
			2442	2.0845	10	-79.16	-80 to +20	PASS
			2472	2.5645	10	-74.36	-80 to +20	PASS
	11AX40SISO	Ant1	2422	1.0889	5	-78.22	-80 to +20	PASS
			2442	1.0162	5	-79.68	-80 to +20	PASS
			2462	1.2647	5	-74.71	-80 to +20	PASS
NTLV	11B	Ant1	2412	7.1614	10	-28.39	-80 to +20	PASS
			2442	6.4863	10	-35.14	-80 to +20	PASS
			2472	5.4954	10	-45.05	-80 to +20	PASS
	11G	Ant1	2412	2.4155	10	-75.85	-80 to +20	PASS
			2442	2.4434	10	-75.57	-80 to +20	PASS
			2472	2.9309	10	-70.69	-80 to +20	PASS
	11N20SISO	Ant1	2412	2.3988	10	-76.01	-80 to +20	PASS
			2442	2.1827	10	-78.17	-80 to +20	PASS
			2472	2.7606	10	-72.39	-80 to +20	PASS
	11N40SISO	Ant1	2422	1.1324	5	-77.35	-80 to +20	PASS
			2442	1.0568	5	-78.86	-80 to +20	PASS
			2462	1.3366	5	-73.27	-80 to +20	PASS
	11AX20SISO	Ant1	2412	2.2233	10	-77.77	-80 to +20	PASS
			2442	2.0797	10	-79.20	-80 to +20	PASS
			2472	2.5645	10	-74.36	-80 to +20	PASS
	11AX40SISO	Ant1	2422	1.0889	5	-78.22	-80 to +20	PASS
			2442	1.0139	5	-79.72	-80 to +20	PASS
			2462	1.2618	5	-74.76	-80 to +20	PASS
NTHV	11B	Ant1	2412	7.1779	10	-28.22	-80 to +20	PASS
			2442	6.5013	10	-34.99	-80 to +20	PASS
			2472	5.5335	10	-44.67	-80 to +20	PASS
	11G	Ant1	2412	2.4210	10	-75.79	-80 to +20	PASS
			2442	2.4434	10	-75.57	-80 to +20	PASS
			2472	2.9376	10	-70.62	-80 to +20	PASS
	11N20SISO	Ant1	2412	2.3988	10	-76.01	-80 to +20	PASS
			2442	2.1878	10	-78.12	-80 to +20	PASS
			2472	2.7669	10	-72.33	-80 to +20	PASS
	11N40SISO	Ant1	2422	1.1324	5	-77.35	-80 to +20	PASS
			2442	1.0593	5	-78.81	-80 to +20	PASS
			2462	1.3397	5	-73.21	-80 to +20	PASS
	11AX20SISO	Ant1	2412	2.2233	10	-77.77	-80 to +20	PASS
			2442	2.0893	10	-79.11	-80 to +20	PASS
			2472	2.5704	10	-74.30	-80 to +20	PASS
	11AX40SISO	Ant1	2422	1.0914	5	-78.17	-80 to +20	PASS
			2442	1.0162	5	-79.68	-80 to +20	PASS
			2462	1.2647	5	-74.71	-80 to +20	PASS

EIRP							
Test Condition	Test Mode	Antenna	Frequency [MHz]	Result (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)	Verdict
NTNV	11B	Ant1	2412	8.55	9.55	≤12.14	PASS
			2442	8.12	9.12	≤12.14	PASS
			2472	7.42	8.42	≤12.14	PASS
	11G	Ant1	2412	3.84	4.84	≤12.14	PASS
			2442	3.87	4.87	≤12.14	PASS
			2472	4.67	5.67	≤12.14	PASS
	11N20SISO	Ant1	2412	3.79	4.79	≤12.14	PASS
			2442	3.39	4.39	≤12.14	PASS
			2472	4.42	5.42	≤12.14	PASS
	11N40SISO	Ant1	2422	0.54	1.54	≤9.13	PASS
			2442	0.25	1.25	≤9.13	PASS
			2462	1.26	2.26	≤9.13	PASS
	11AX20SISO	Ant1	2412	3.46	4.46	≤12.14	PASS
			2442	3.19	4.19	≤12.14	PASS
			2472	4.09	5.09	≤12.14	PASS
	11AX40SISO	Ant1	2422	0.37	1.37	≤9.13	PASS
			2442	0.07	1.07	≤9.13	PASS
			2462	1.02	2.02	≤9.13	PASS
NTLV	11B	Ant1	2412	8.55	9.55	≤12.14	PASS
			2442	8.12	9.12	≤12.14	PASS
			2472	7.40	8.40	≤12.14	PASS
	11G	Ant1	2412	3.83	4.83	≤12.14	PASS
			2442	3.88	4.88	≤12.14	PASS
			2472	4.67	5.67	≤12.14	PASS
	11N20SISO	Ant1	2412	3.80	4.80	≤12.14	PASS
			2442	3.39	4.39	≤12.14	PASS
			2472	4.41	5.41	≤12.14	PASS
	11N40SISO	Ant1	2422	0.54	1.54	≤9.13	PASS
			2442	0.24	1.24	≤9.13	PASS
			2462	1.26	2.26	≤9.13	PASS
	11AX20SISO	Ant1	2412	3.47	4.47	≤12.14	PASS
			2442	3.18	4.18	≤12.14	PASS
			2472	4.09	5.09	≤12.14	PASS
	11AX40SISO	Ant1	2422	0.37	1.37	≤9.13	PASS
			2442	0.06	1.06	≤9.13	PASS
			2462	1.01	2.01	≤9.13	PASS
NTHV	11B	Ant1	2412	8.56	9.56	≤12.14	PASS
			2442	8.13	9.13	≤12.14	PASS
			2472	7.43	8.43	≤12.14	PASS
	11G	Ant1	2412	3.84	4.84	≤12.14	PASS
			2442	3.88	4.88	≤12.14	PASS
			2472	4.68	5.68	≤12.14	PASS
	11N20SISO	Ant1	2412	3.80	4.80	≤12.14	PASS
			2442	3.40	4.40	≤12.14	PASS
			2472	4.42	5.42	≤12.14	PASS
	11N40SISO	Ant1	2422	0.54	1.54	≤9.13	PASS
			2442	0.25	1.25	≤9.13	PASS
			2462	1.27	2.27	≤9.13	PASS
	11AX20SISO	Ant1	2412	3.47	4.47	≤12.14	PASS
			2442	3.20	4.20	≤12.14	PASS
			2472	4.10	5.10	≤12.14	PASS
	11AX40SISO	Ant1	2422	0.38	1.38	≤9.13	PASS
			2442	0.07	1.07	≤9.13	PASS
			2462	1.02	2.02	≤9.13	PASS

Appendix B.3: Test Results of Occupied Channel Bandwidth (99%)
Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	11B	Ant1	2412	13.494	≤26	PASS
			2442	13.908	≤26	PASS
			2472	13.358	≤26	PASS
	11G	Ant1	2412	16.384	≤26	PASS
			2442	16.387	≤26	PASS
			2472	16.381	≤26	PASS
	11N20SISO	Ant1	2412	17.617	≤26	PASS
			2442	17.618	≤26	PASS
			2472	17.615	≤26	PASS
	11N40SISO	Ant1	2422	36.195	26-40	PASS
			2442	36.207	26-40	PASS
			2462	36.186	26-40	PASS
	11AX20SISO	Ant1	2412	19.039	≤26	PASS
			2442	19.051	≤26	PASS
			2472	19.040	≤26	PASS
	11AX40SISO	Ant1	2422	37.824	26-40	PASS
			2442	37.798	26-40	PASS
			2462	37.833	26-40	PASS
NTLV	11B	Ant1	2412	13.807	≤26	PASS
			2442	13.949	≤26	PASS
			2472	13.220	≤26	PASS
	11G	Ant1	2412	16.383	≤26	PASS
			2442	16.387	≤26	PASS
			2472	16.380	≤26	PASS
	11N20SISO	Ant1	2412	17.616	≤26	PASS
			2442	17.620	≤26	PASS
			2472	17.616	≤26	PASS
	11N40SISO	Ant1	2422	36.201	26-40	PASS
			2442	36.207	26-40	PASS
			2462	36.194	26-40	PASS
	11AX20SISO	Ant1	2412	18.958	≤26	PASS
			2442	19.033	≤26	PASS
			2472	19.034	≤26	PASS
	11AX40SISO	Ant1	2422	37.822	26-40	PASS
			2442	37.814	26-40	PASS
			2462	37.815	26-40	PASS
NTHV	11B	Ant1	2412	14.012	≤26	PASS
			2442	13.812	≤26	PASS
			2472	13.197	≤26	PASS
	11G	Ant1	2412	16.385	≤26	PASS
			2442	16.386	≤26	PASS
			2472	16.383	≤26	PASS
	11N20SISO	Ant1	2412	17.615	≤26	PASS
			2442	17.620	≤26	PASS
			2472	17.617	≤26	PASS
	11N40SISO	Ant1	2422	36.197	26-40	PASS
			2442	36.206	26-40	PASS
			2462	36.191	26-40	PASS
	11AX20SISO	Ant1	2412	19.015	≤26	PASS
			2442	19.039	≤26	PASS
			2472	19.030	≤26	PASS
	11AX40SISO	Ant1	2422	37.793	26-40	PASS
			2442	37.854	26-40	PASS
			2462	37.822	26-40	PASS

Test Graphs



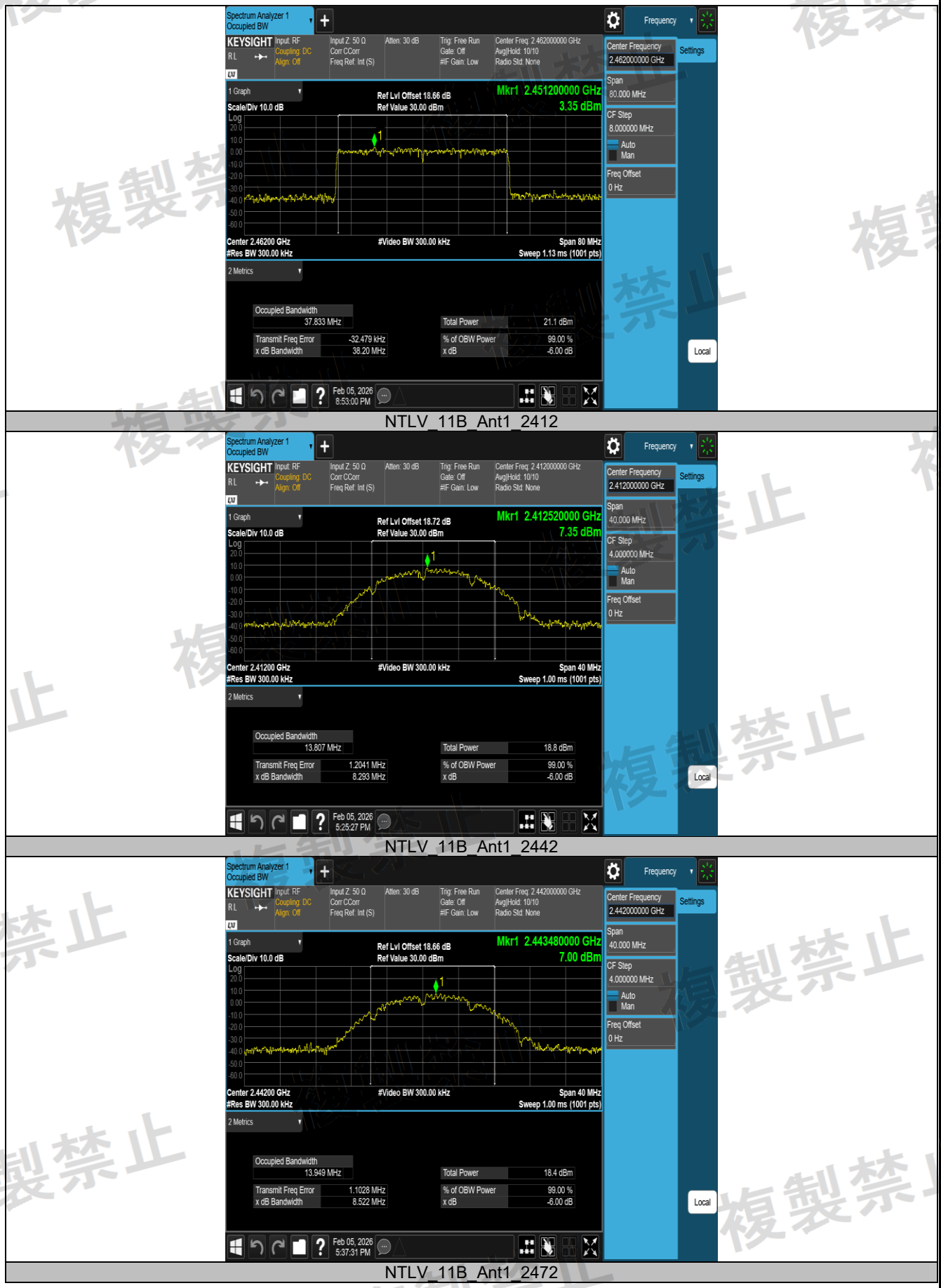












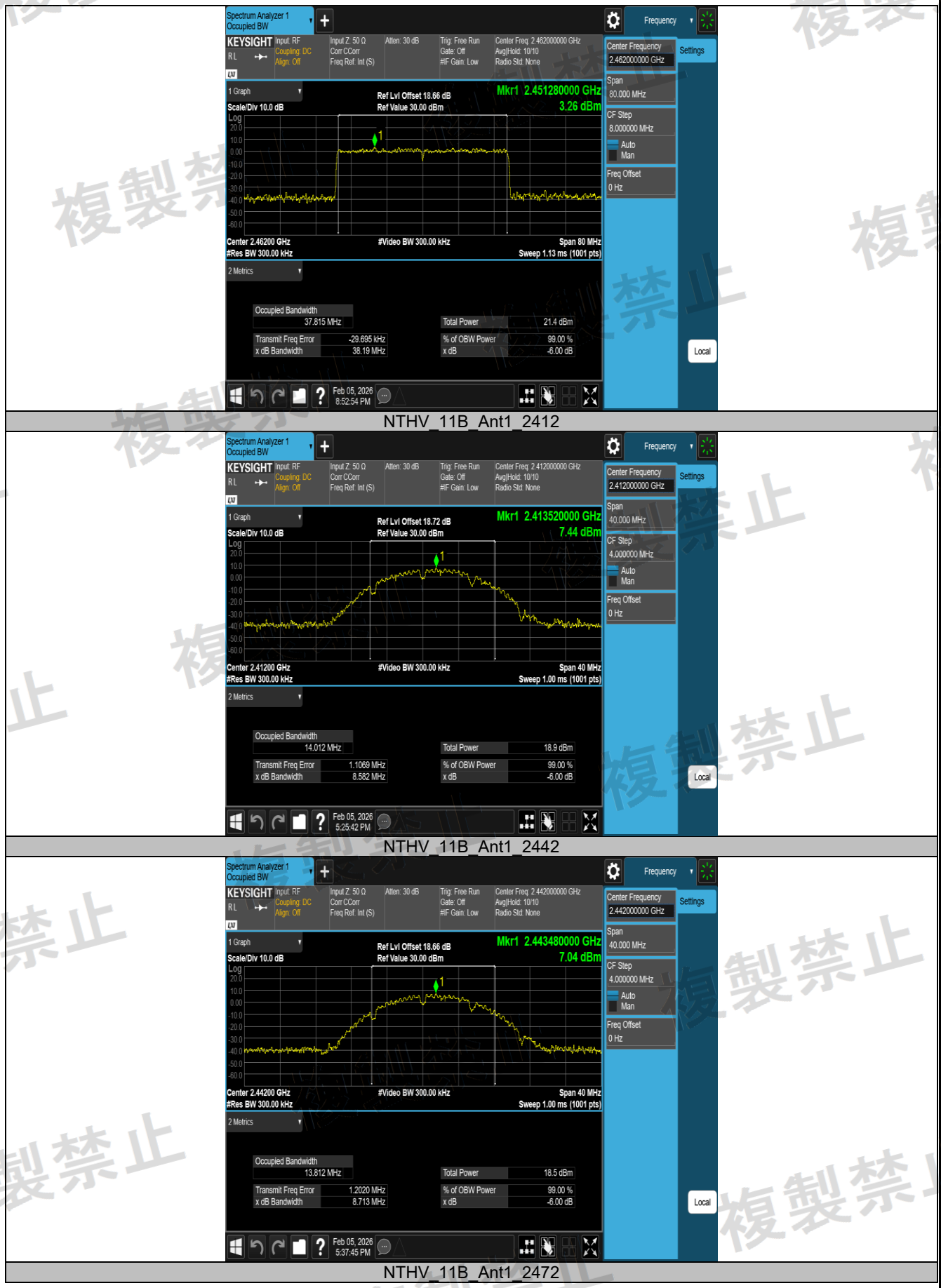








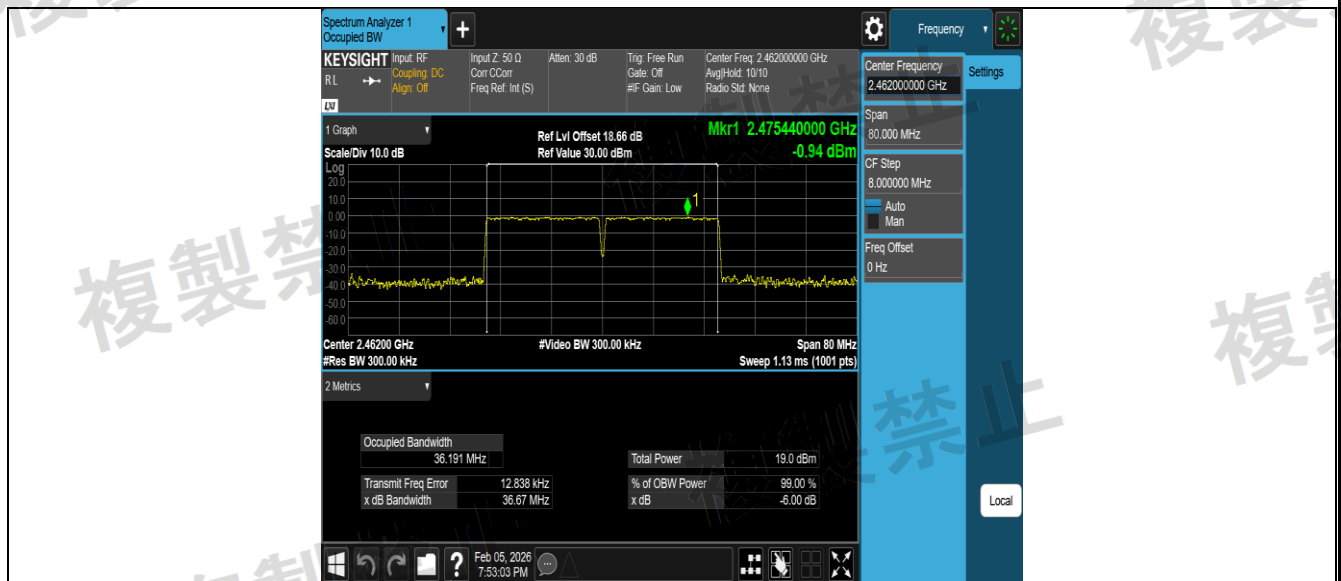




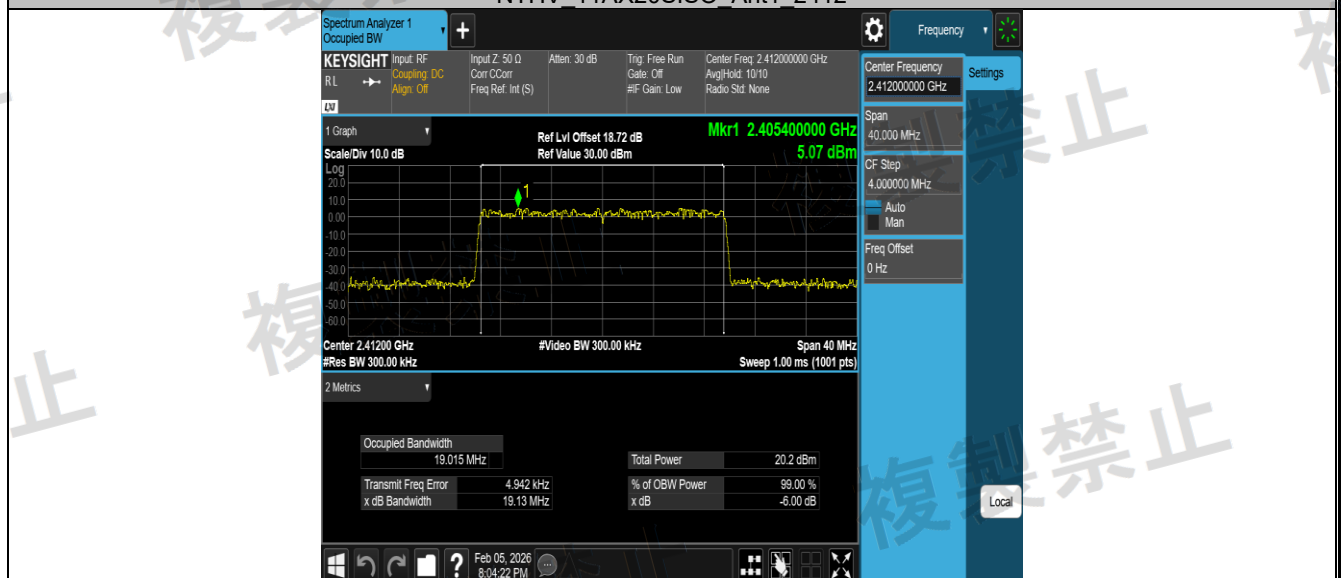




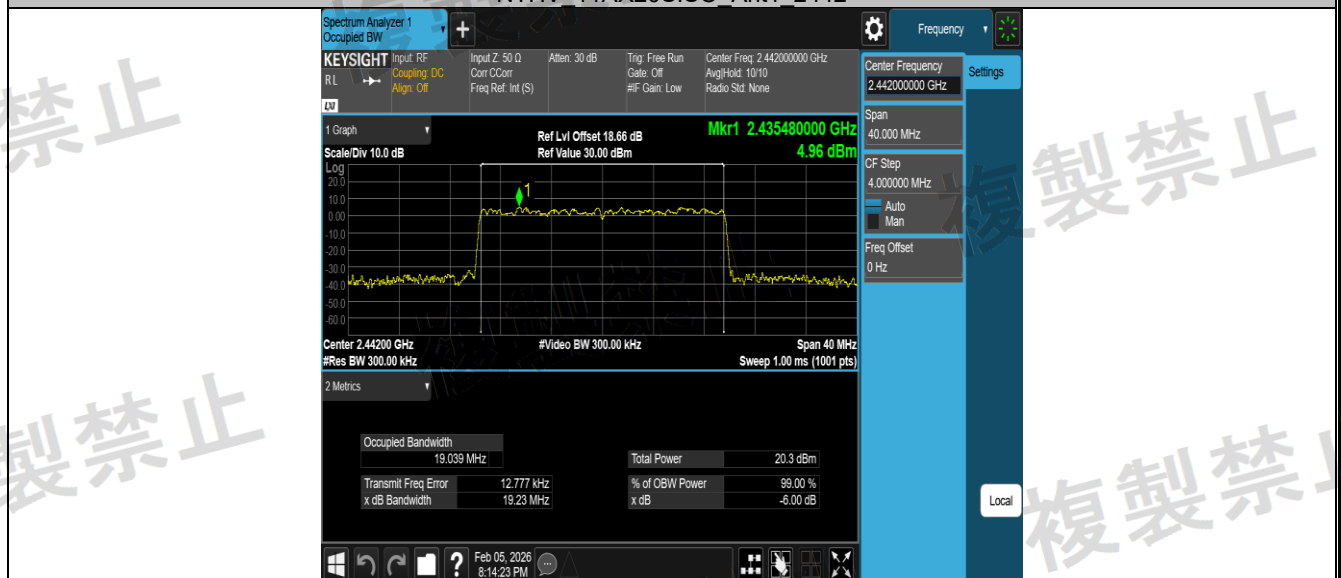




NTHV_11AX20SISO Ant1 2412

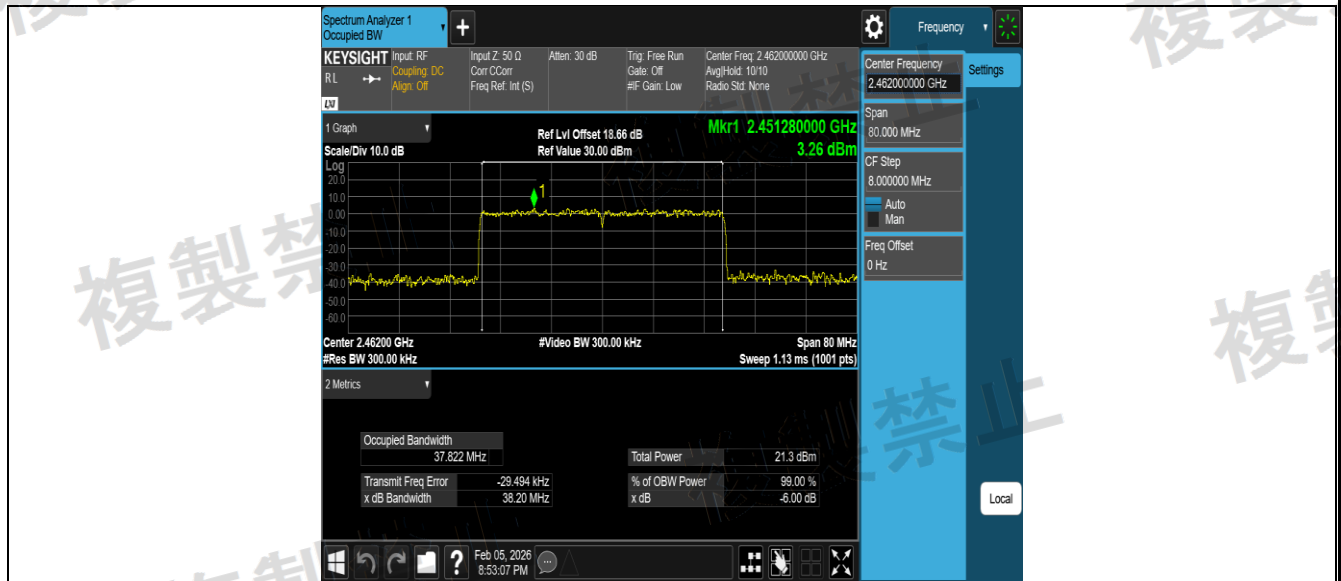


NTHV_11AX20SISO Ant1 2442



NTHV_11AX20SISO Ant1 2472

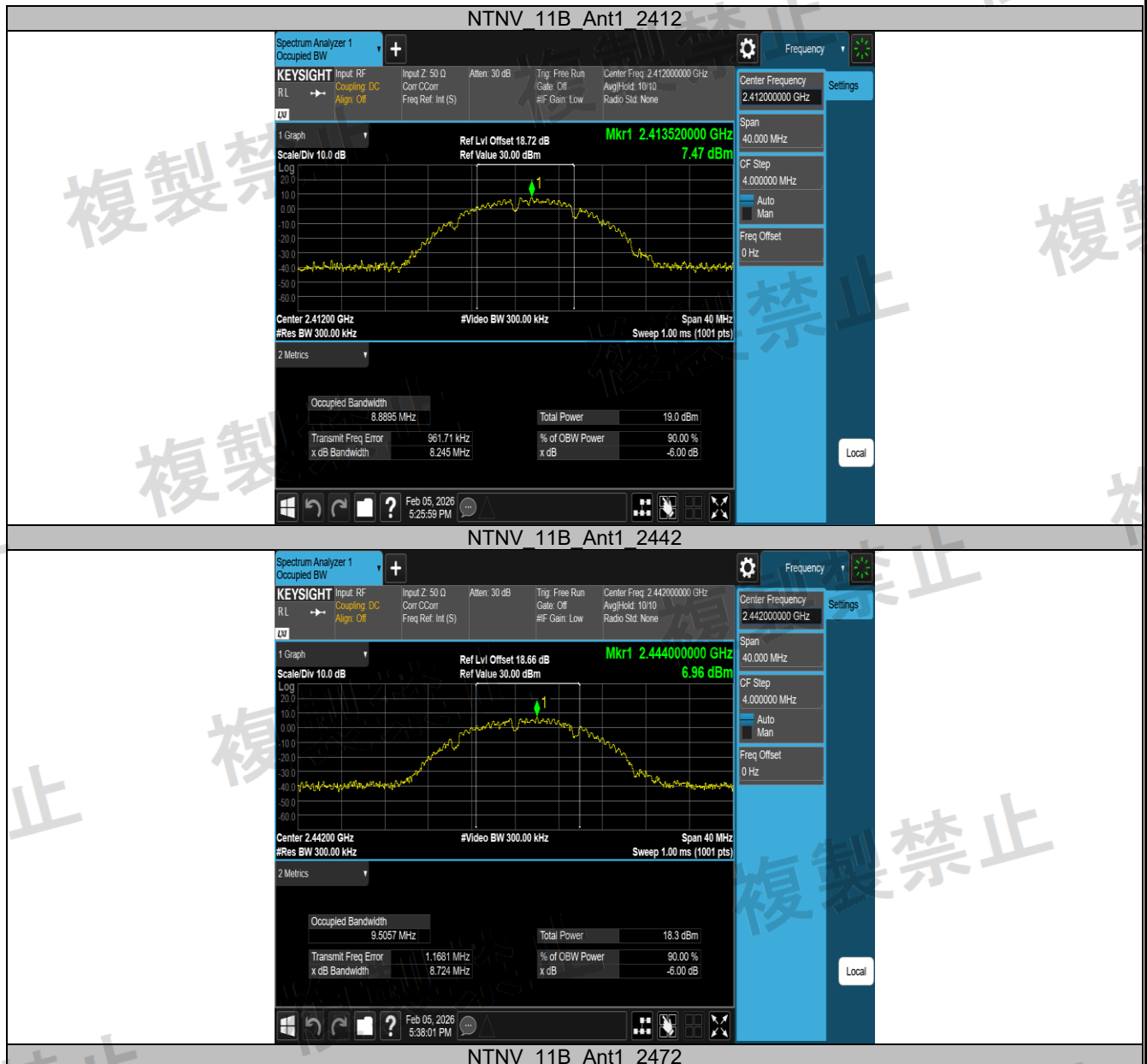




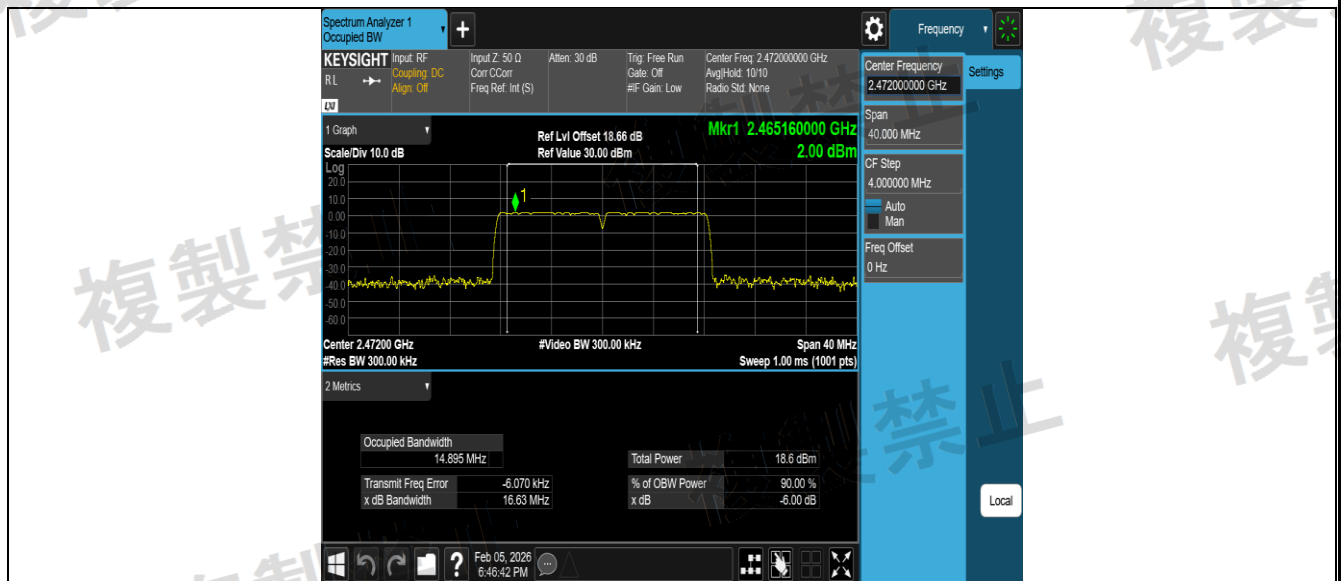
Appendix B.4: Test Results of Spread Bandwidth (90%)
Test Result

TestCondition	TestMode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	SpreadFactor	Limit	Verdict
NTNV	11B	Ant1	2412	8.890	≥0.5	6.465	>5	PASS
			2442	9.506	≥0.5	6.913	>5	PASS
			2472	9.014	≥0.5	6.556	>5	PASS
	11G	Ant1	2412	14.897	≥0.5	---	---	PASS
			2442	14.906	≥0.5	---	---	PASS
			2472	14.895	≥0.5	---	---	PASS
	11N20SISO	Ant1	2412	16.068	≥0.5	---	---	PASS
			2442	16.080	≥0.5	---	---	PASS
			2472	16.066	≥0.5	---	---	PASS
	11N40SISO	Ant1	2422	32.867	≥0.5	---	---	PASS
			2442	32.934	≥0.5	---	---	PASS
			2462	32.853	≥0.5	---	---	PASS
	11AX20SISO	Ant1	2412	17.213	≥0.5	---	---	PASS
			2442	17.317	≥0.5	---	---	PASS
			2472	17.287	≥0.5	---	---	PASS
	11AX40SISO	Ant1	2422	34.233	≥0.5	---	---	PASS
			2442	34.373	≥0.5	---	---	PASS
			2462	34.149	≥0.5	---	---	PASS
NTLV	11B	Ant1	2412	9.220	≥0.5	6.705	>5	PASS
			2442	9.365	≥0.5	6.811	>5	PASS
			2472	8.944	≥0.5	6.505	>5	PASS
	11G	Ant1	2412	14.895	≥0.5	---	---	PASS
			2442	14.903	≥0.5	---	---	PASS
			2472	14.892	≥0.5	---	---	PASS
	11N20SISO	Ant1	2412	16.070	≥0.5	---	---	PASS
			2442	16.081	≥0.5	---	---	PASS
			2472	16.068	≥0.5	---	---	PASS
	11N40SISO	Ant1	2422	32.866	≥0.5	---	---	PASS
			2442	32.958	≥0.5	---	---	PASS
			2462	32.857	≥0.5	---	---	PASS
	11AX20SISO	Ant1	2412	17.298	≥0.5	---	---	PASS
			2442	17.325	≥0.5	---	---	PASS
			2472	17.289	≥0.5	---	---	PASS
	11AX40SISO	Ant1	2422	34.229	≥0.5	---	---	PASS
			2442	34.384	≥0.5	---	---	PASS
			2462	34.272	≥0.5	---	---	PASS
NTHV	11B	Ant1	2412	9.389	≥0.5	6.828	>5	PASS
			2442	8.992	≥0.5	6.540	>5	PASS
			2472	9.087	≥0.5	6.609	>5	PASS
	11G	Ant1	2412	14.896	≥0.5	---	---	PASS
			2442	14.905	≥0.5	---	---	PASS
			2472	14.894	≥0.5	---	---	PASS
	11N20SISO	Ant1	2412	16.069	≥0.5	---	---	PASS
			2442	16.080	≥0.5	---	---	PASS
			2472	16.069	≥0.5	---	---	PASS
	11N40SISO	Ant1	2422	32.873	≥0.5	---	---	PASS
			2442	32.940	≥0.5	---	---	PASS
			2462	32.839	≥0.5	---	---	PASS
	11AX20SISO	Ant1	2412	17.285	≥0.5	---	---	PASS
			2442	17.262	≥0.5	---	---	PASS
			2472	17.308	≥0.5	---	---	PASS
	11AX40SISO	Ant1	2422	34.211	≥0.5	---	---	PASS
			2442	34.440	≥0.5	---	---	PASS
			2462	34.270	≥0.5	---	---	PASS

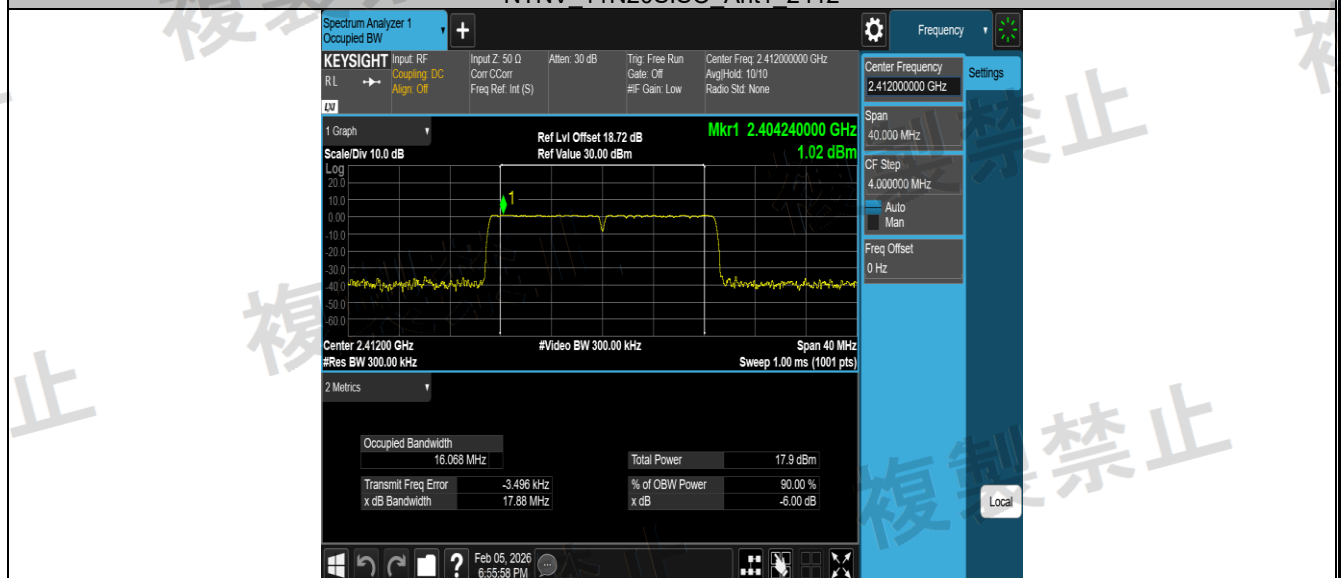
Test Graphs



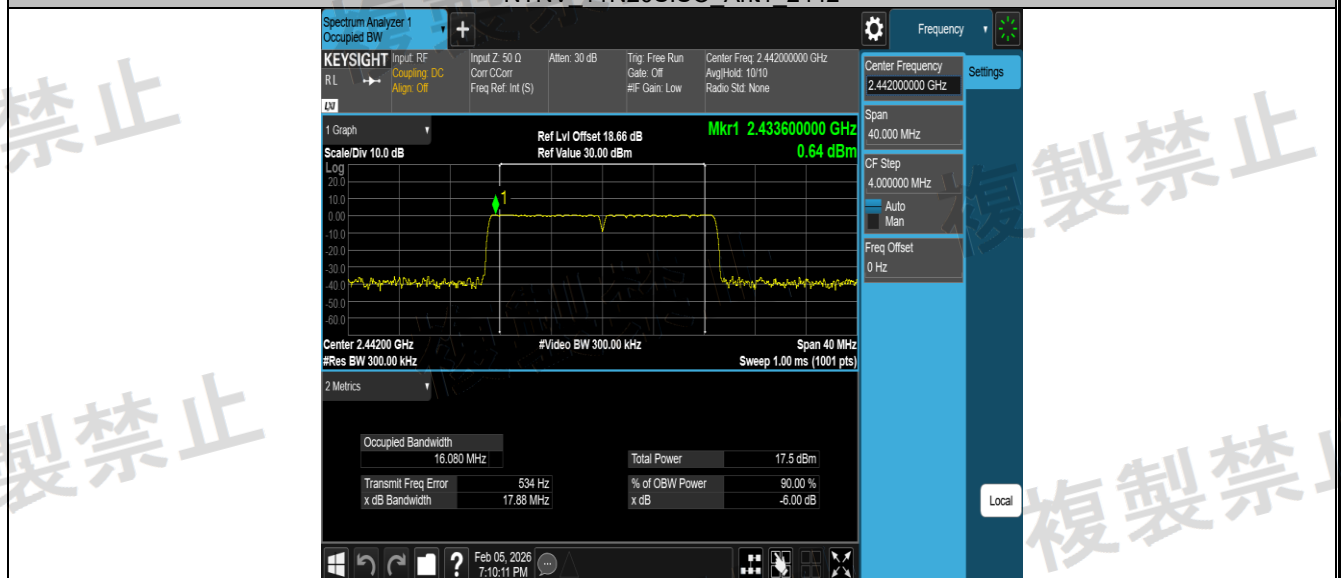




NTNV_11N20SISO_Ant1_2412



NTNV_11N20SISO_Ant1_2442

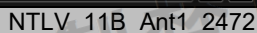
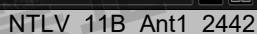


NTNV_11N20SISO_Ant1_2472









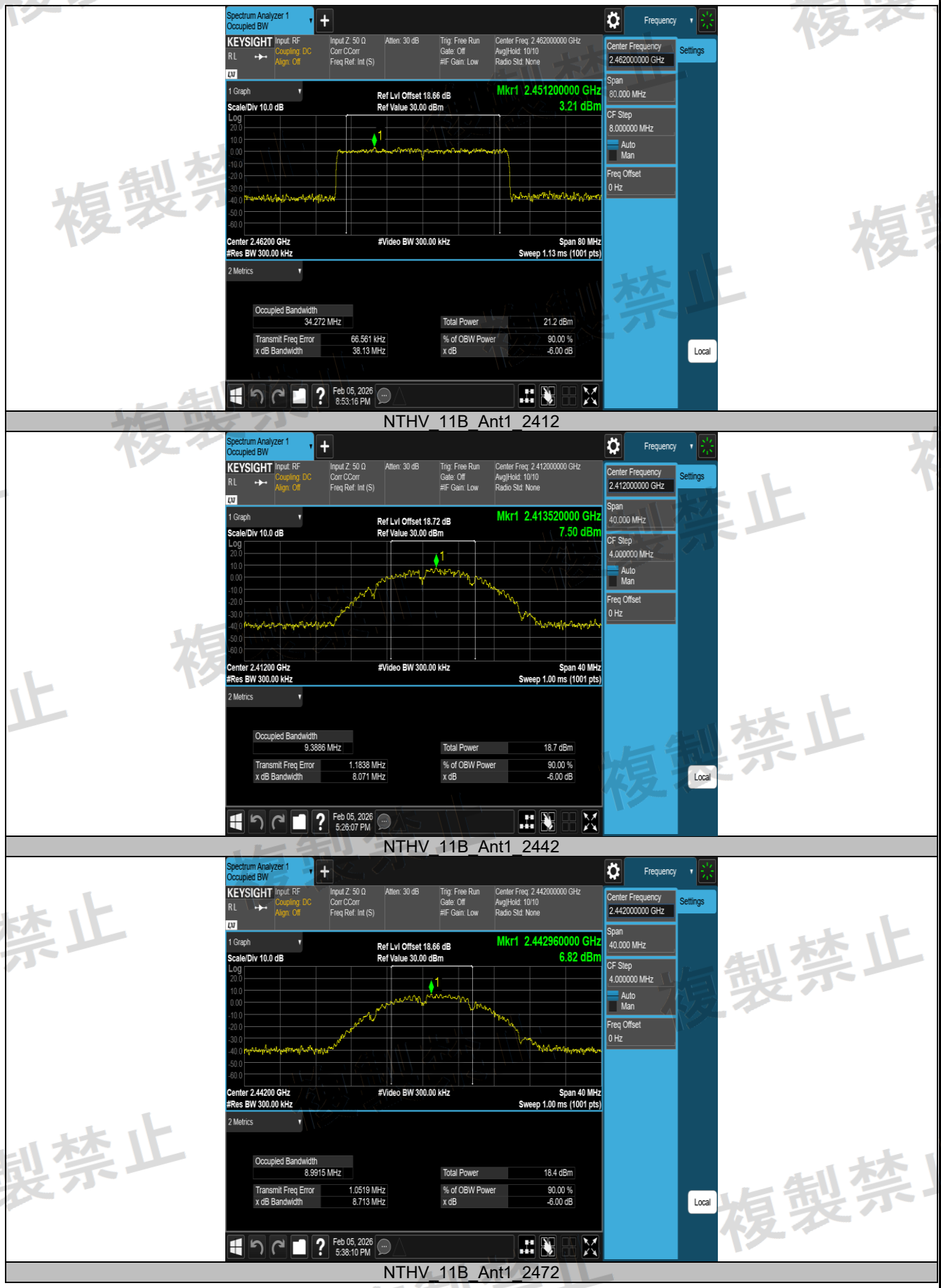








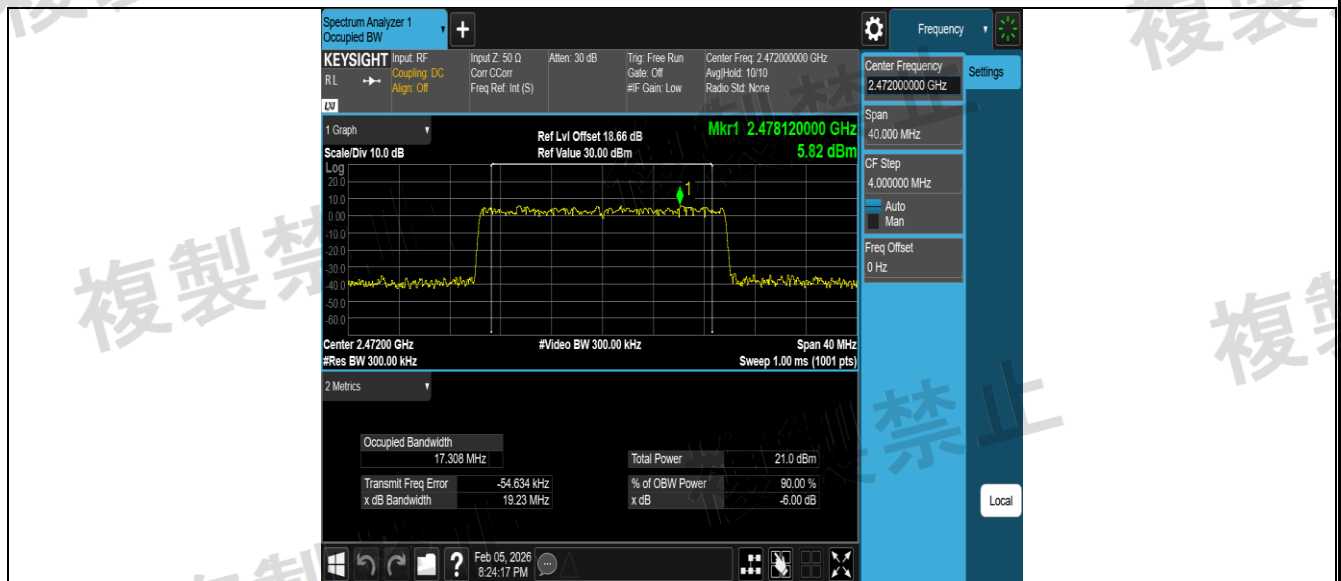




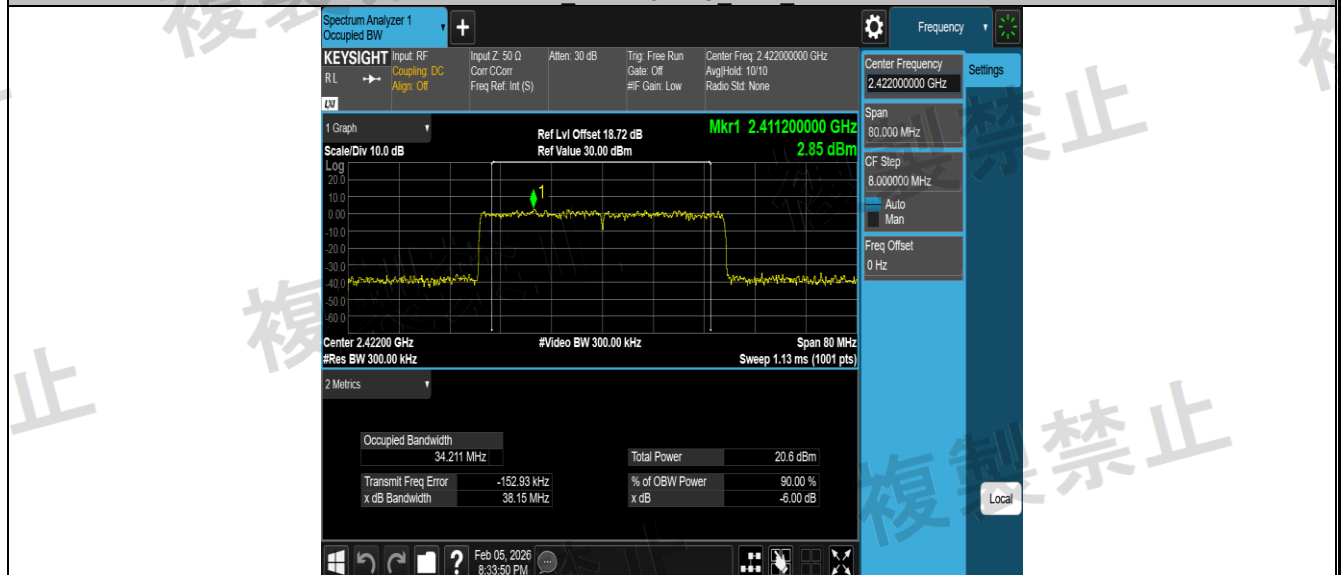




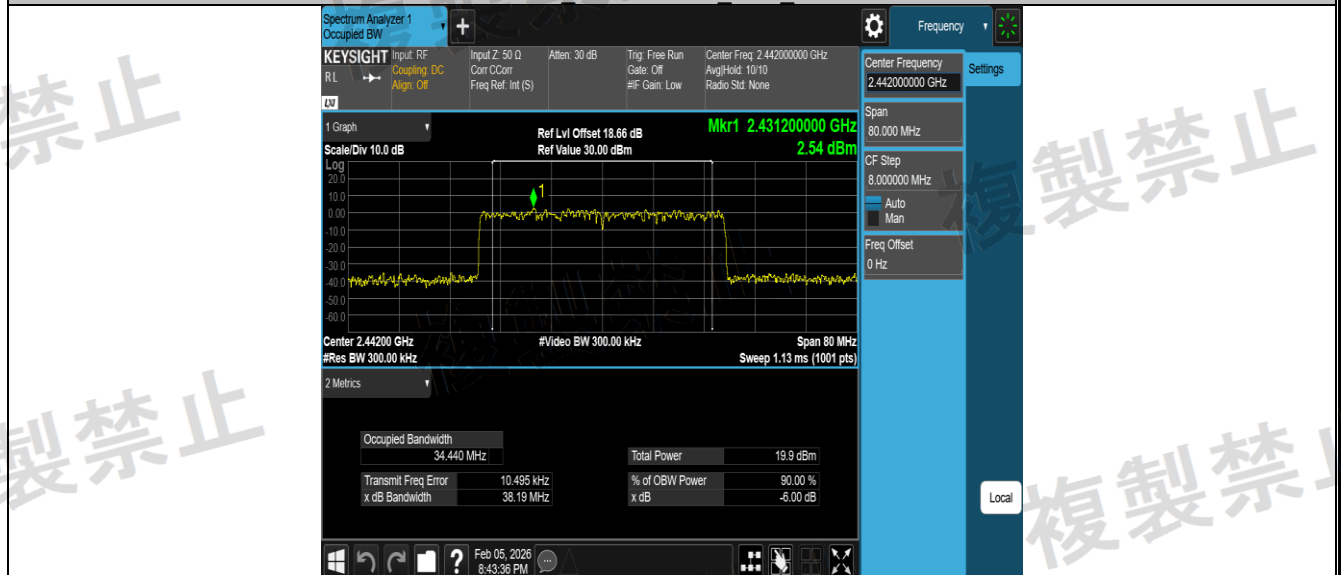




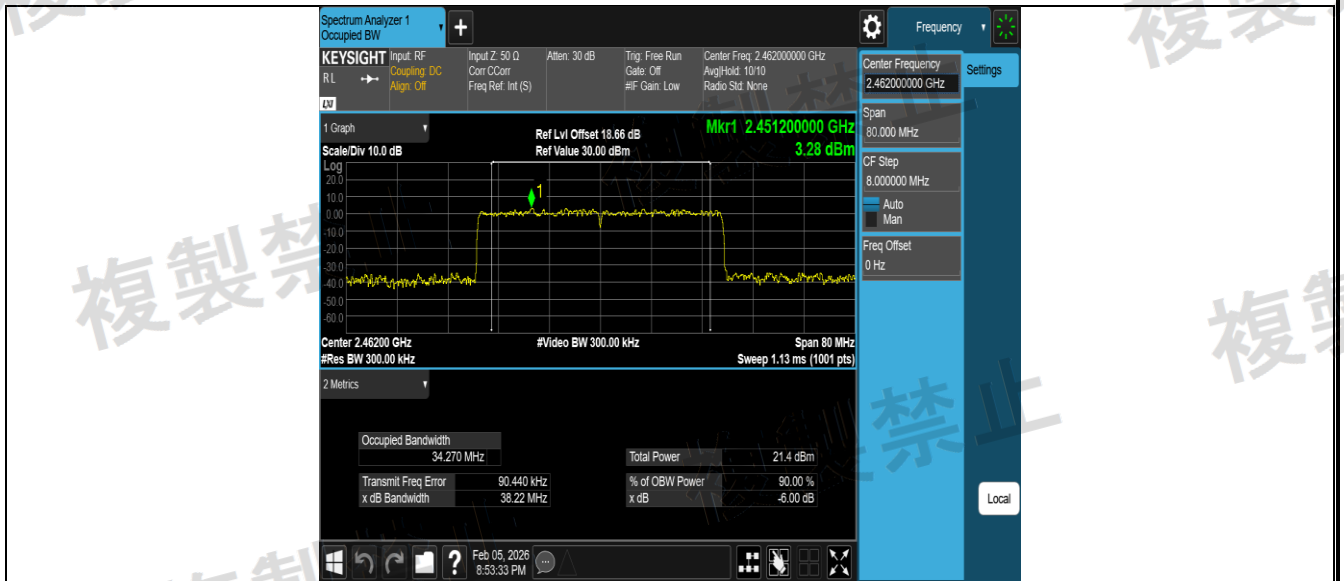
NTHV_11AX40SISO Ant1 2422



NTHV_11AX40SISO Ant1 2442



NTHV_11AX40SISO Ant1 2462



Appendix B.5: Test Results of Spurious Emissions for Transmitter

Test Result

Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	11B	Ant1	2412	30~500	191.80	-48.23	≤-26	0.01503	≤2.5	PASS
				500~1000	964.75	-50.28	≤-26	0.00938	≤2.5	PASS
				1000~2387	1445.57	-34.23	≤-26	0.37757	≤2.5	PASS
				2387~2400	2399.58	-35.51	≤-16	0.28119	≤25	PASS
				2483.5~2496.5	2492.89	-38.79	≤-16	0.13213	≤25	PASS
			2442	2496.5~13000	4824.08	-34.50	≤-26	0.35481	≤2.5	PASS
				30~500	180.28	-48.30	≤-26	0.01479	≤2.5	PASS
				500~1000	977.00	-51.68	≤-26	0.00679	≤2.5	PASS
				1000~2387	1463.60	-35.08	≤-26	0.31046	≤2.5	PASS
				2387~2400	2390.95	-43.09	≤-16	0.04909	≤25	PASS
				2483.5~2496.5	2496.08	-38.47	≤-16	0.14223	≤25	PASS
				2496.5~13000	4883.95	-34.96	≤-26	0.31915	≤2.5	PASS
			2472	30~500	171.59	-47.95	≤-26	0.01603	≤2.5	PASS
				500~1000	703.88	-52.92	≤-26	0.00511	≤2.5	PASS
				1000~2387	1484.76	-34.86	≤-26	0.32659	≤2.5	PASS
				2387~2400	2392.36	-43.37	≤-16	0.04603	≤25	PASS
				2483.5~2496.5	2488.25	-34.72	≤-16	0.33729	≤25	PASS
	11G	Ant1	2412	2496.5~13000	4943.82	-38.34	≤-26	0.14655	≤2.5	PASS
				30~500	196.73	-47.79	≤-26	0.01663	≤2.5	PASS
				500~1000	713.00	-53.75	≤-26	0.00422	≤2.5	PASS
				1000~2387	1441.76	-35.74	≤-26	0.26669	≤2.5	PASS
				2387~2400	2399.97	-31.26	≤-16	0.74817	≤25	PASS
			2442	2483.5~2496.5	2483.55	-41.39	≤-16	0.07261	≤25	PASS
				2496.5~13000	4823.55	-35.88	≤-26	0.25823	≤2.5	PASS
				30~500	181.22	-48.01	≤-26	0.01581	≤2.5	PASS
				500~1000	908.25	-55.50	≤-26	0.00282	≤2.5	PASS
				1000~2387	1459.79	-35.66	≤-26	0.27164	≤2.5	PASS
				2387~2400	2397.15	-38.77	≤-16	0.13274	≤25	PASS
				2483.5~2496.5	2484.35	-38.46	≤-16	0.14256	≤25	PASS
			2472	2496.5~13000	4883.42	-35.76	≤-26	0.26546	≤2.5	PASS
				30~500	189.45	-48.58	≤-26	0.01387	≤2.5	PASS
				500~1000	870.25	-55.22	≤-26	0.00301	≤2.5	PASS
				1000~2387	1477.82	-36.39	≤-26	0.22961	≤2.5	PASS
				2387~2400	2399.01	-41.29	≤-16	0.07430	≤25	PASS
	11N20SISO	Ant1	2412	2483.5~2496.5	2483.64	-34.06	≤-16	0.39264	≤25	PASS
				2496.5~13000	4943.82	-34.63	≤-26	0.34435	≤2.5	PASS
				30~500	169.24	-47.67	≤-26	0.01710	≤2.5	PASS
				500~1000	877.75	-55.93	≤-26	0.00255	≤2.5	PASS
				1000~2387	1449.39	-34.30	≤-26	0.37154	≤2.5	PASS
			2442	2387~2400	2390.02	-36.16	≤-16	0.24210	≤25	PASS
				2483.5~2496.5	2484.69	-41.03	≤-16	0.07889	≤25	PASS
				2496.5~13000	4826.18	-36.18	≤-26	0.24099	≤2.5	PASS
				30~500	186.75	-47.82	≤-26	0.01652	≤2.5	PASS
				500~1000	900.00	-55.64	≤-26	0.00273	≤2.5	PASS
				1000~2387	1472.62	-34.01	≤-26	0.39719	≤2.5	PASS
				2387~2400	2396.04	-38.44	≤-16	0.14322	≤25	PASS
				2483.5~2496.5	2483.72	-38.61	≤-16	0.13772	≤25	PASS
			2472	2496.5~13000	4886.05	-36.50	≤-26	0.22387	≤2.5	PASS
				30~500	182.16	-47.80	≤-26	0.01660	≤2.5	PASS
				500~1000	508.25	-55.62	≤-26	0.00274	≤2.5	PASS
				1000~2387	1485.45	-35.00	≤-26	0.31623	≤2.5	PASS
				2387~2400	2399.00	-40.38	≤-16	0.09162	≤25	PASS
	11N40SISO	Ant1	2422	2483.5~2496.5	2490.16	-33.21	≤-16	0.47753	≤25	PASS
				2496.5~13000	4946.44	-35.14	≤-26	0.30620	≤2.5	PASS
				30~500	30.47	-46.48	≤-26	0.02249	≤2.5	PASS
				500~1000	585.00	-56.00	≤-26	0.00251	≤2.5	PASS
				1000~2387	1461.18	-37.27	≤-26	0.18750	≤2.5	PASS
			2442	2387~2400	2399.12	-35.17	≤-16	0.30409	≤25	PASS
				2483.5~2496.5	2489.73	-40.62	≤-16	0.08670	≤25	PASS
				2496.5~13000	4848.76	-39.84	≤-26	0.10375	≤2.5	PASS
				30~500	31.65	-46.59	≤-26	0.02193	≤2.5	PASS
				500~1000	515.13	-55.38	≤-26	0.00290	≤2.5	PASS
				1000~2387	1455.98	-37.42	≤-26	0.18113	≤2.5	PASS
				2387~2400	2394.14	-37.39	≤-16	0.18239	≤25	PASS