

Appendix: 2.4G

Contents

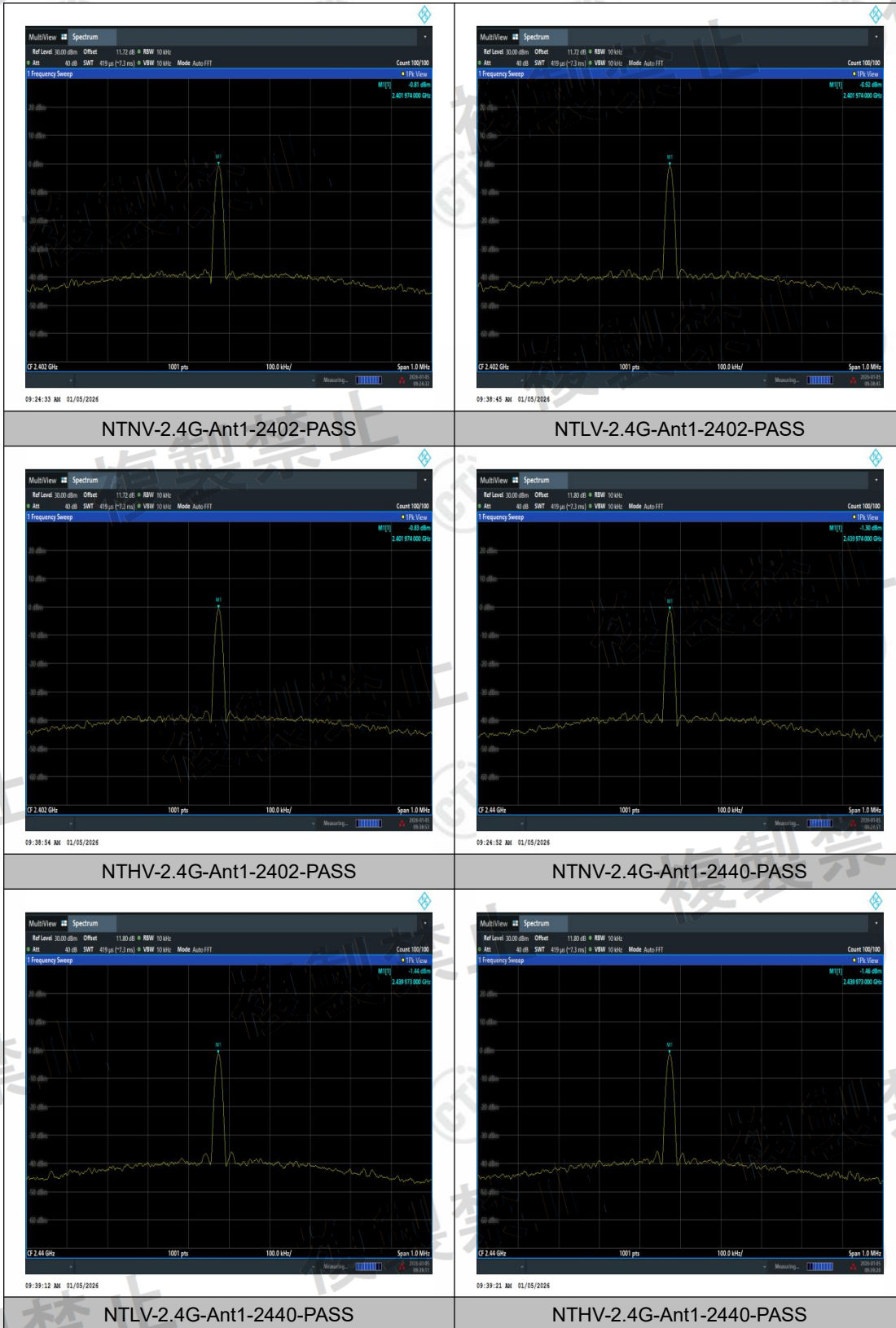
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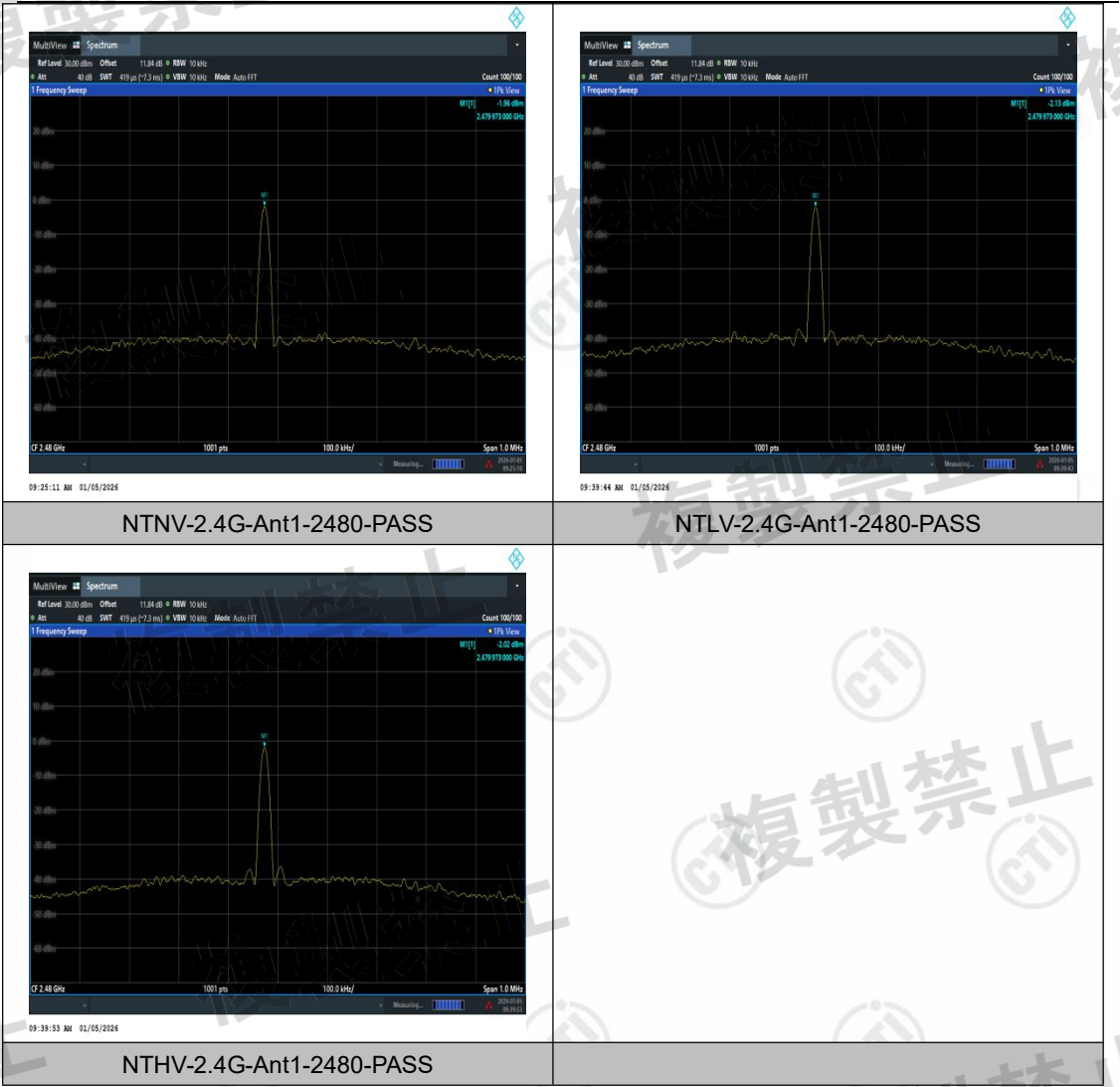
Appendix A: Frequency Error

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	CW	Ant1	2402	2401.974	-10.82431	±50	PASS
NTLV	CW	Ant1	2402	2401.974	-10.82431	±50	PASS
NTHV	CW	Ant1	2402	2401.974	-10.82431	±50	PASS
NTNV	CW	Ant1	2440	2439.974	-10.65574	±50	PASS
NTLV	CW	Ant1	2440	2439.973	-11.06557	±50	PASS
NTHV	CW	Ant1	2440	2439.973	-11.06557	±50	PASS
NTNV	CW	Ant1	2480	2479.973	-10.88710	±50	PASS
NTLV	CW	Ant1	2480	2479.973	-10.88710	±50	PASS
NTHV	CW	Ant1	2480	2479.973	-10.88710	±50	PASS

Test Graphs





Appendix B: Antenna Power

Test Result

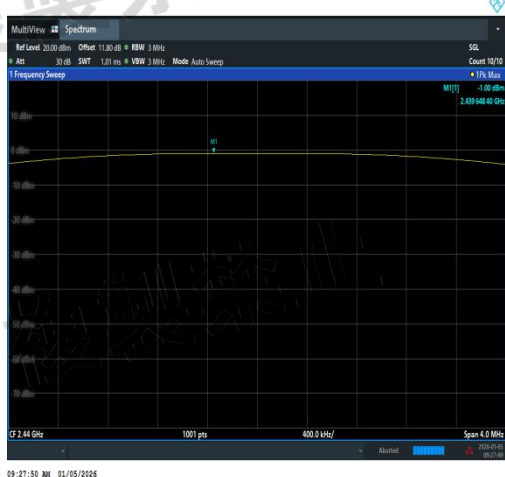
Test Condition	TestMode	Antenna	Freq(M Hz)	Result(dBm)	Result(mW)	Limit(mW)	Verdict
NTNV	2.4G	Ant1	2402	-1.28	0.7447	≤10	PASS
NTLV	2.4G	Ant1	2402	-1.52	0.7047	≤10	PASS
NTHV	2.4G	Ant1	2402	-1.72	0.6730	≤10	PASS
NTNV	2.4G	Ant1	2440	-1.57	0.6966	≤10	PASS
NTLV	2.4G	Ant1	2440	-2.01	0.6295	≤10	PASS
NTHV	2.4G	Ant1	2440	-1.80	0.6607	≤10	PASS
NTNV	2.4G	Ant1	2480	-2.36	0.5808	≤10	PASS
NTLV	2.4G	Ant1	2480	-2.67	0.5408	≤10	PASS
NTHV	2.4G	Ant1	2480	-2.97	0.5047	≤10	PASS

Test Condition	Test Mode	Antenna	Freq(MHz)	Power (mW)	Rated Power (mW)	Result (%)	Limit (%)	Verdict
NTNV	2.4G	Ant1	2402	0.7447	0.8	-6.91	20	PASS
NTLV	2.4G	Ant1	2402	0.7047	0.8	-11.91	20	PASS
NTHV	2.4G	Ant1	2402	0.6730	0.8	-15.88	20	PASS
NTNV	2.4G	Ant1	2440	0.6966	0.8	-12.93	20	PASS
NTLV	2.4G	Ant1	2440	0.6295	0.8	-21.31	20	PASS
NTHV	2.4G	Ant1	2440	0.6607	0.8	-17.41	20	PASS
NTNV	2.4G	Ant1	2480	0.5808	0.8	-27.40	20	PASS
NTLV	2.4G	Ant1	2480	0.5408	0.8	-32.40	20	PASS
NTHV	2.4G	Ant1	2480	0.5047	0.8	-36.91	20	PASS

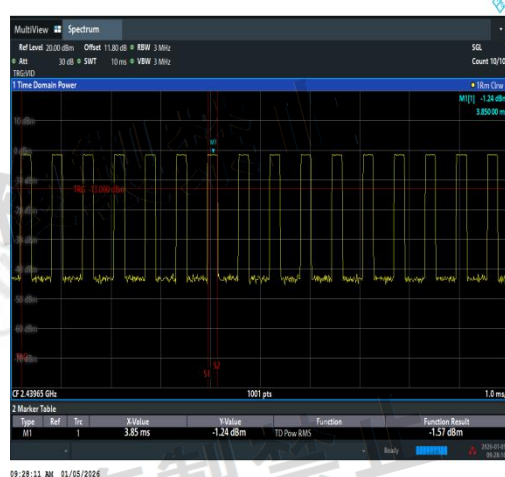
Test Condition	Test Mode	Antenna	Freq(M Hz)	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
NTNV	2.4G	Ant1	2402	-1.28	-0.84	≤12.14	PASS
NTLV	2.4G	Ant1	2402	-1.52	-1.08	≤12.14	PASS
NTHV	2.4G	Ant1	2402	-1.72	-1.28	≤12.14	PASS
NTNV	2.4G	Ant1	2440	-1.57	-1.13	≤12.14	PASS
NTLV	2.4G	Ant1	2440	-2.01	-1.57	≤12.14	PASS
NTHV	2.4G	Ant1	2440	-1.80	-1.36	≤12.14	PASS
NTNV	2.4G	Ant1	2480	-2.36	-1.92	≤12.14	PASS
NTLV	2.4G	Ant1	2480	-2.67	-2.23	≤12.14	PASS
NTHV	2.4G	Ant1	2480	-2.97	-2.53	≤12.14	PASS

Test Graphs





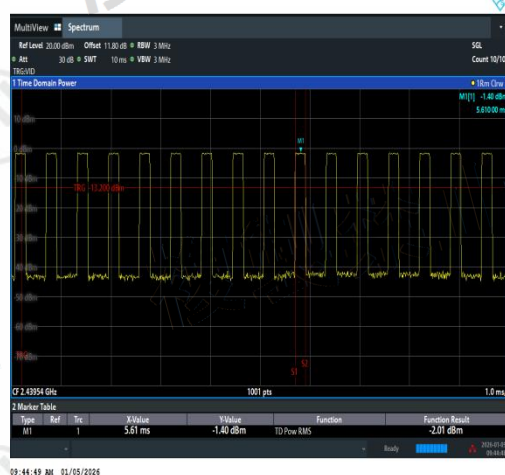
NTNV-2.4G-Ant1-2440-PASS



NTNV-2.4G-Ant1-2440-PASS



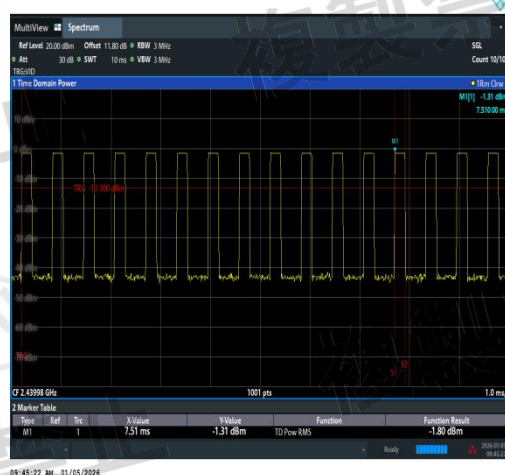
NTLV-2.4G-Ant1-2440-PASS



NTLV-2.4G-Ant1-2440-PASS



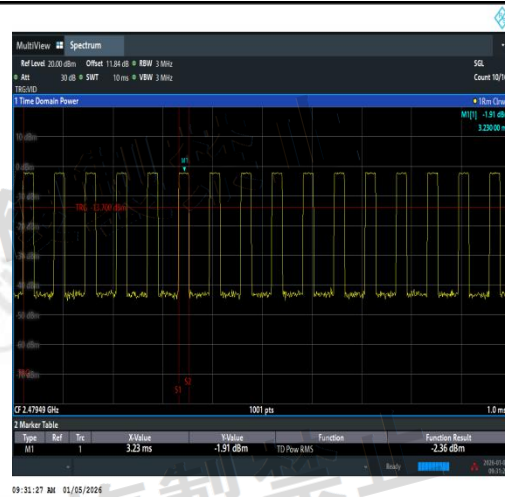
NTHV-2.4G-Ant1-2440-PASS



NTHV-2.4G-Ant1-2440-PASS



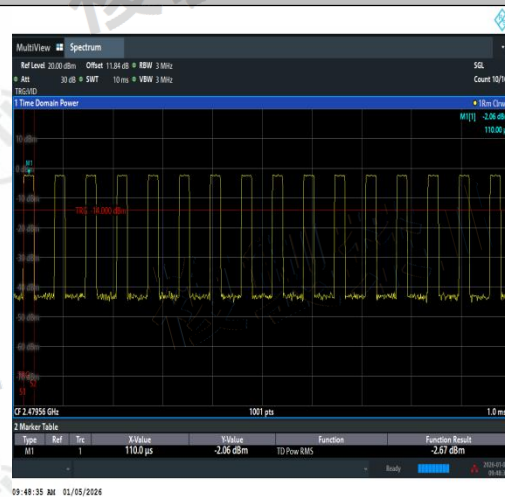
NTNV-2.4G-Ant1-2480-PASS



NTNV-2.4G-Ant1-2480-PASS



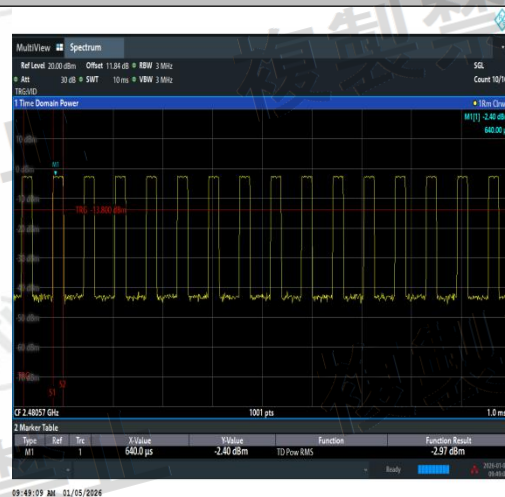
NTLV-2.4G-Ant1-2480-PASS



NTLV-2.4G-Ant1-2480-PASS



NTHV-2.4G-Ant1-2480-PASS



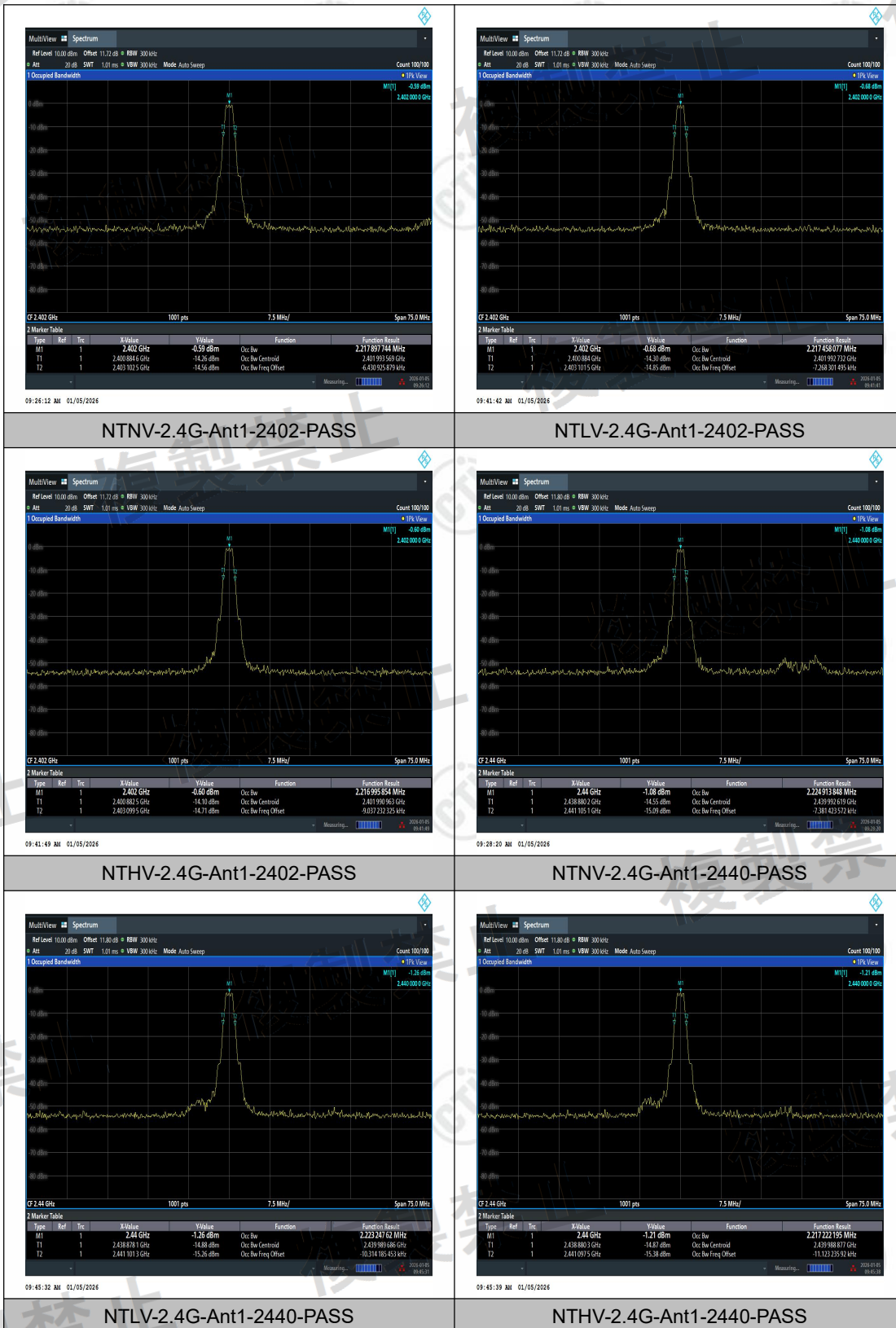
NTHV-2.4G-Ant1-2480-PASS

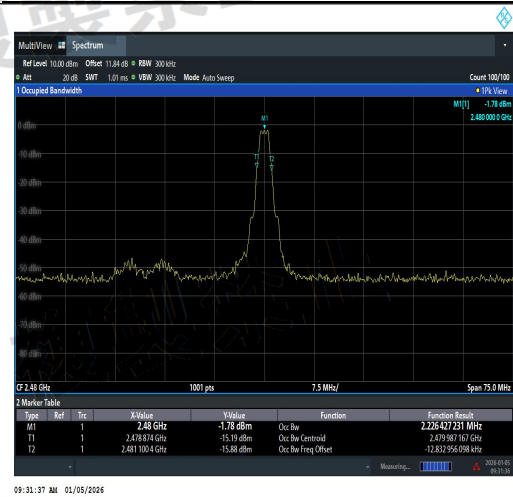
Appendix C: Occupied Bandwidth

Test Result

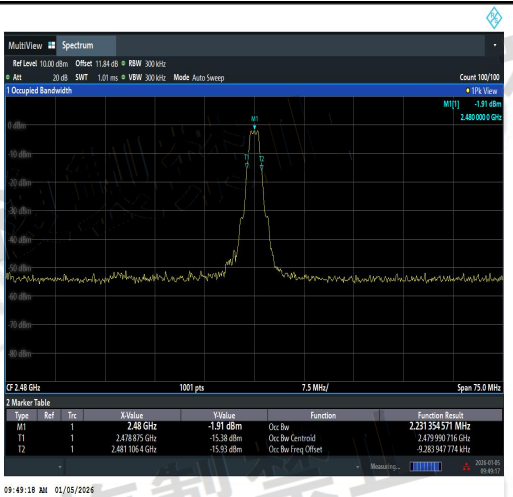
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant1	2402	2.218	≤26	PASS
NTLV	2.4G	Ant1	2402	2.218	≤26	PASS
NTHV	2.4G	Ant1	2402	2.217	≤26	PASS
NTNV	2.4G	Ant1	2440	2.225	≤26	PASS
NTLV	2.4G	Ant1	2440	2.223	≤26	PASS
NTHV	2.4G	Ant1	2440	2.217	≤26	PASS
NTNV	2.4G	Ant1	2480	2.226	≤26	PASS
NTLV	2.4G	Ant1	2480	2.231	≤26	PASS
NTHV	2.4G	Ant1	2480	2.233	≤26	PASS

Test Graphs

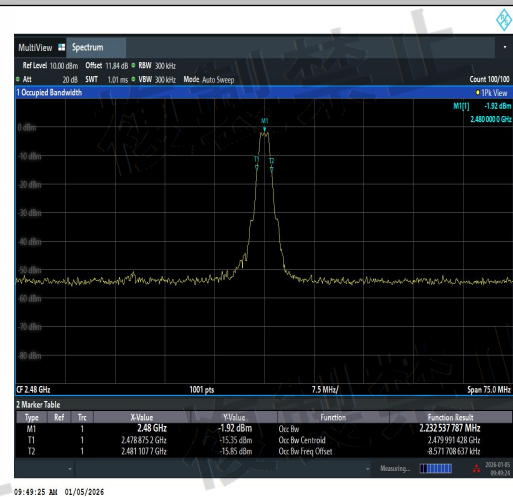




NTVN-2.4G-Ant1-2480-PASS



NTLV-2.4G-Ant1-2480-PASS



NTHV-2.4G-Ant1-2480-PASS

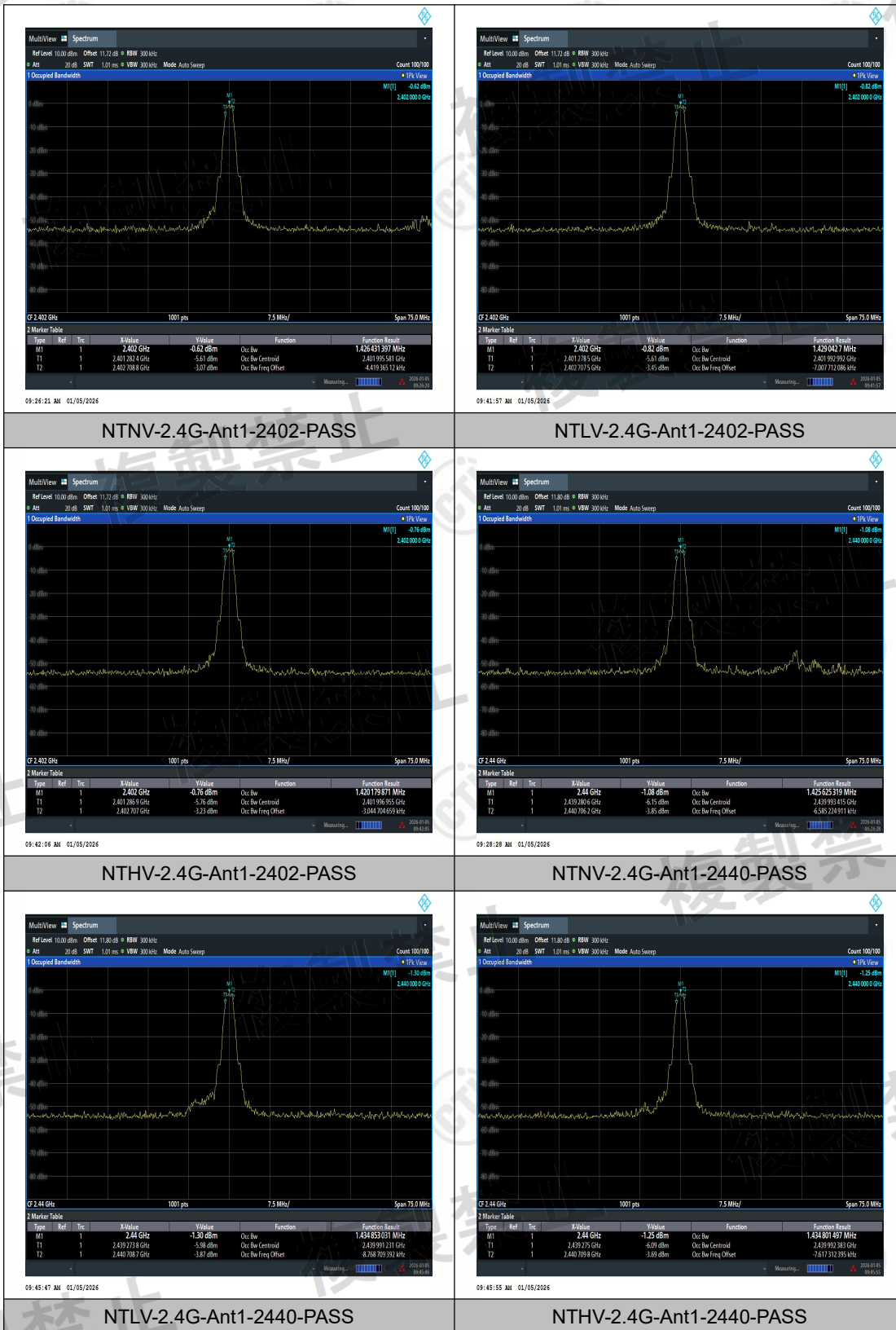


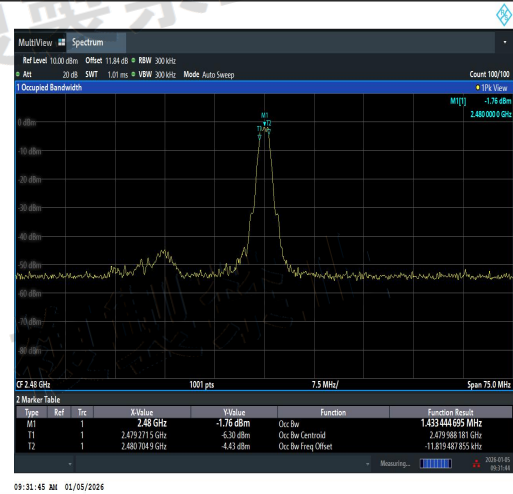
Appendix D: Spread Bandwidth

Test Result

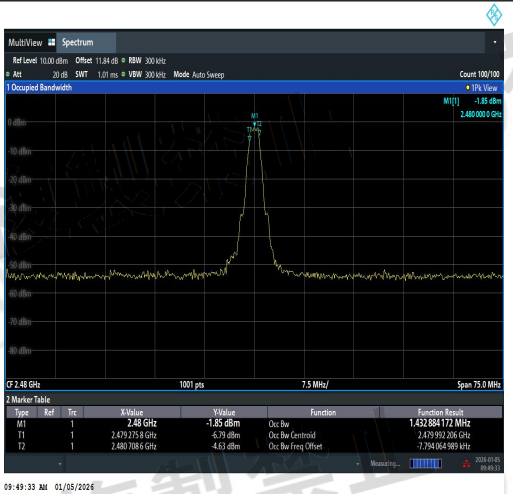
Test Condition	TestMode	Antenna	Freq(MHz)	Result [MHz]
NTNV	2.4G	Ant1	2402	1.426
NTLV	2.4G	Ant1	2402	1.429
NTHV	2.4G	Ant1	2402	1.420
NTNV	2.4G	Ant1	2440	1.426
NTLV	2.4G	Ant1	2440	1.435
NTHV	2.4G	Ant1	2440	1.435
NTNV	2.4G	Ant1	2480	1.433
NTLV	2.4G	Ant1	2480	1.433
NTHV	2.4G	Ant1	2480	1.428

Test Graphs

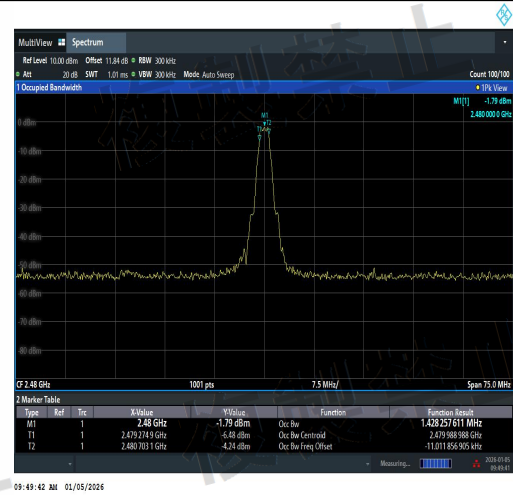




NTVN-2.4G-Ant1-2480-PASS



NTLV-2.4G-Ant1-2480-PASS



NTHV-2.4G-Ant1-2480-PASS

Appendix E: Unwanted Emission Strength

Test Result

Test Condition	TestMode	Antenna	Freq (MHz)	Freq.Range [MHz]	ResultFreq (MHz)	Result [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	2.4G	Ant1	2402	30~1000	34.61	-55.29	0.00296	≤2.5	PASS
NTLV	2.4G	Ant1	2402	30~1000	32.67	-56.09	0.00246	≤2.5	PASS
NTHV	2.4G	Ant1	2402	30~1000	35.34	-55.90	0.00257	≤2.5	PASS
NTNV	2.4G	Ant1	2402	1000~2387	2264.25	-44.63	0.03443	≤2.5	PASS
NTLV	2.4G	Ant1	2402	1000~2387	1776.37	-44.59	0.03475	≤2.5	PASS
NTHV	2.4G	Ant1	2402	1000~2387	2139.07	-44.85	0.03273	≤2.5	PASS
NTNV	2.4G	Ant1	2402	2387~2400	2400.00	-20.09	9.79490	≤25	PASS
NTLV	2.4G	Ant1	2402	2387~2400	2399.99	-20.36	9.20450	≤25	PASS
NTHV	2.4G	Ant1	2402	2387~2400	2400.00	-20.36	9.20450	≤25	PASS
NTNV	2.4G	Ant1	2402	2483.5~2496.5	2484.61	-35.20	0.30200	≤25	PASS
NTLV	2.4G	Ant1	2402	2483.5~2496.5	2485.23	-34.57	0.34914	≤25	PASS
NTHV	2.4G	Ant1	2402	2483.5~2496.5	2487.12	-34.31	0.37068	≤25	PASS
NTNV	2.4G	Ant1	2402	2496.5~13000	8799.13	-43.16	0.04831	≤2.5	PASS
NTLV	2.4G	Ant1	2402	2496.5~13000	8810.68	-42.83	0.05212	≤2.5	PASS
NTHV	2.4G	Ant1	2402	2496.5~13000	8667.83	-43.72	0.04246	≤2.5	PASS
NTNV	2.4G	Ant1	2440	30~1000	34.61	-53.23	0.00475	≤2.5	PASS
NTLV	2.4G	Ant1	2440	30~1000	33.88	-54.98	0.00318	≤2.5	PASS
NTHV	2.4G	Ant1	2440	30~1000	35.09	-54.60	0.00347	≤2.5	PASS
NTNV	2.4G	Ant1	2440	1000~2387	1829.77	-44.52	0.03532	≤2.5	PASS
NTLV	2.4G	Ant1	2440	1000~2387	2379.72	-44.54	0.03516	≤2.5	PASS
NTHV	2.4G	Ant1	2440	1000~2387	2054.47	-43.76	0.04207	≤2.5	PASS
NTNV	2.4G	Ant1	2440	2387~2400	2395.74	-34.95	0.31989	≤25	PASS
NTLV	2.4G	Ant1	2440	2387~2400	2399.12	-35.44	0.28576	≤25	PASS
NTHV	2.4G	Ant1	2440	2387~2400	2395.80	-35.28	0.29648	≤25	PASS
NTNV	2.4G	Ant1	2440	2483.5~2496.5	2496.22	-35.13	0.30690	≤25	PASS
NTLV	2.4G	Ant1	2440	2483.5~2496.5	2493.85	-34.92	0.32211	≤25	PASS
NTHV	2.4G	Ant1	2440	2483.5~2496.5	2487.77	-34.41	0.36224	≤25	PASS
NTNV	2.4G	Ant1	2440	2496.5~13000	8595.88	-42.29	0.05902	≤2.5	PASS
NTLV	2.4G	Ant1	2440	2496.5~13000	8642.62	-43.06	0.04943	≤2.5	PASS
NTHV	2.4G	Ant1	2440	2496.5~13000	8824.86	-43.42	0.04550	≤2.5	PASS
NTNV	2.4G	Ant1	2480	30~1000	30.00	-55.09	0.00310	≤2.5	PASS
NTLV	2.4G	Ant1	2480	30~1000	71.95	-55.23	0.00300	≤2.5	PASS
NTHV	2.4G	Ant1	2480	30~1000	32.67	-53.37	0.00460	≤2.5	PASS
NTNV	2.4G	Ant1	2480	1000~2387	1644.61	-44.10	0.03890	≤2.5	PASS

NTLV	2.4G	Ant1	2480	1000~2387	2201.49	-44.87	0.03258	≤2.5	PASS
NTHV	2.4G	Ant1	2480	1000~2387	2356.14	-44.55	0.03508	≤2.5	PASS
NTNV	2.4G	Ant1	2480	2387~2400	2395.39	-34.81	0.33037	≤25	PASS
NTLV	2.4G	Ant1	2480	2387~2400	2392.76	-35.34	0.29242	≤25	PASS
NTHV	2.4G	Ant1	2480	2387~2400	2392.51	-34.77	0.33343	≤25	PASS
NTNV	2.4G	Ant1	2480	2483.5~2496.5	2486.22	-34.60	0.34674	≤25	PASS
NTLV	2.4G	Ant1	2480	2483.5~2496.5	2486.33	-34.51	0.35400	≤25	PASS
NTHV	2.4G	Ant1	2480	2483.5~2496.5	2483.50	-34.67	0.34119	≤25	PASS
NTNV	2.4G	Ant1	2480	2496.5~13000	8856.37	-43.63	0.04335	≤2.5	PASS
NTLV	2.4G	Ant1	2480	2496.5~13000	8605.34	-43.77	0.04198	≤2.5	PASS
NTHV	2.4G	Ant1	2480	2496.5~13000	8709.85	-43.39	0.04581	≤2.5	PASS

Note:

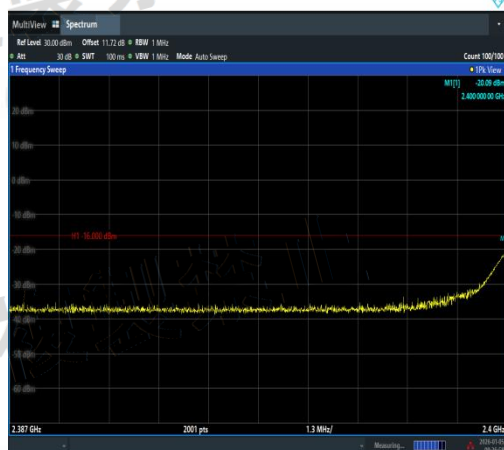
$\text{dBm}/1\text{MHz} = \text{dBm}/100\text{kHz} + 10 \times \log_{10} (1\text{MHz}/100\text{kHz})$

$\text{dBm}/1\text{MHz} = \text{dBm}/100\text{kHz} + 10$

During the 30M-1000M testing process, a 10 dB factor was added for the test.

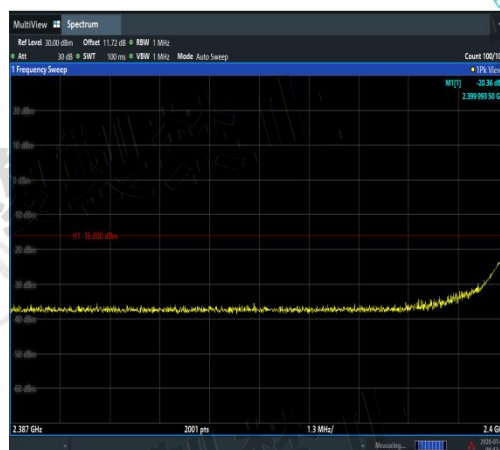
Test Graphs





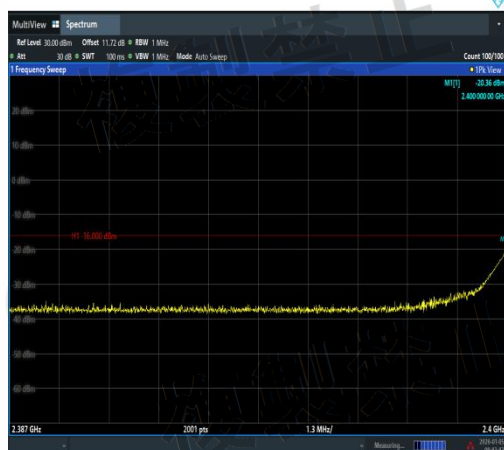
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NTVN-2.4G-Ant1-2402-2387~2400-PASS



09:42:43 AM 02/05/2026

NTLV-2.4G-Ant1-2402-2387~2400-PASS



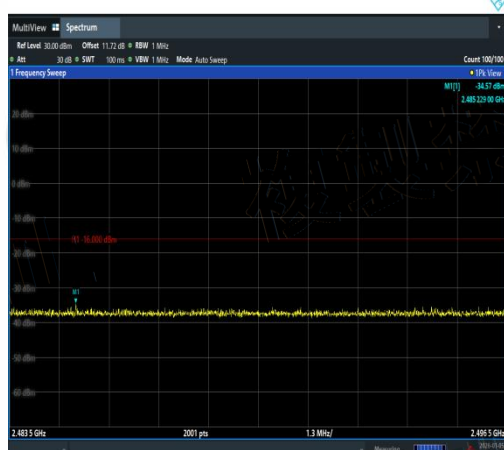
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NTHV-2.4G-Ant1-2402-2387~2400-PASS



09:27:14 AM 02/05/2026

NTVN-2.4G-Ant1-2402-2483.5~2496.5-PASS



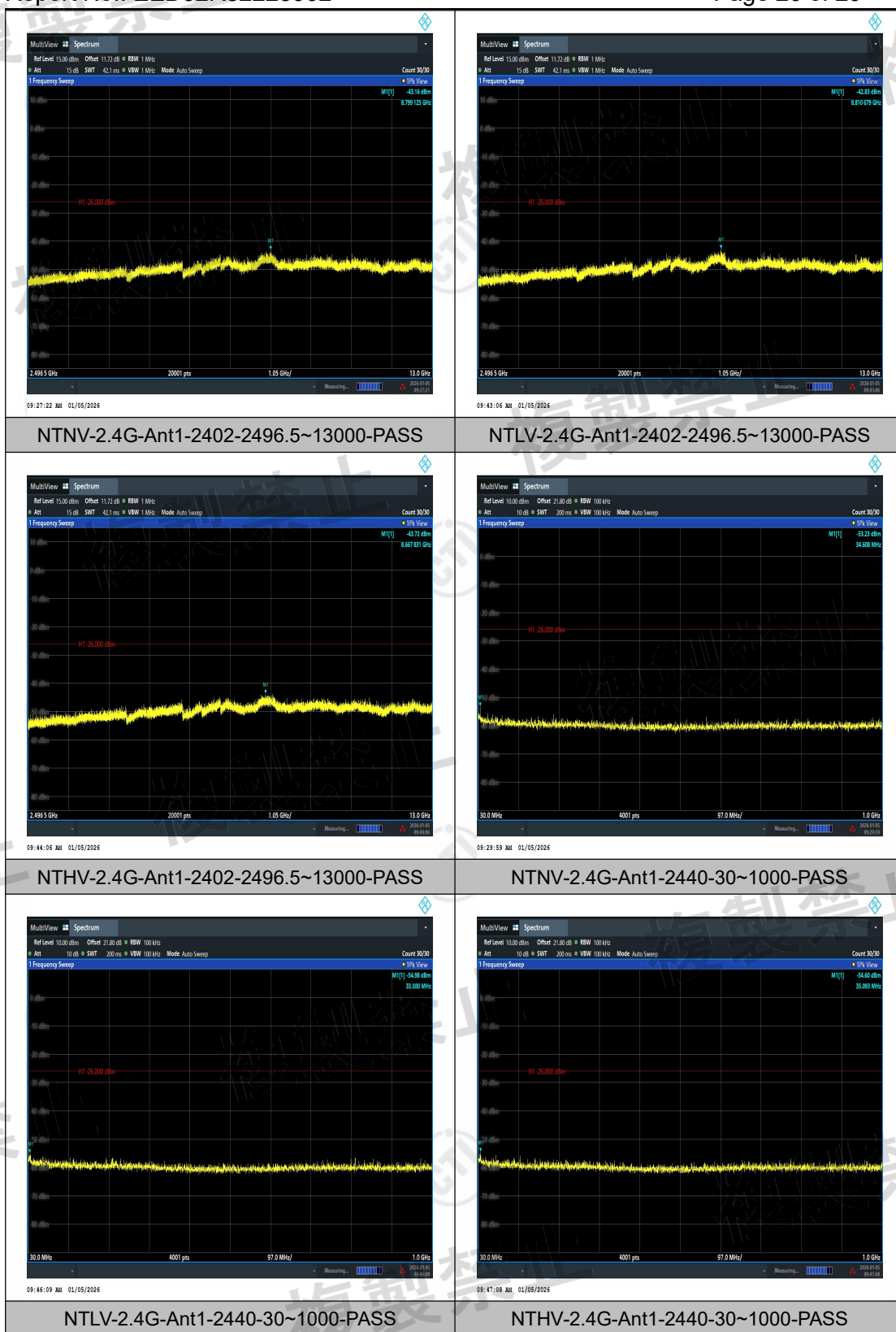
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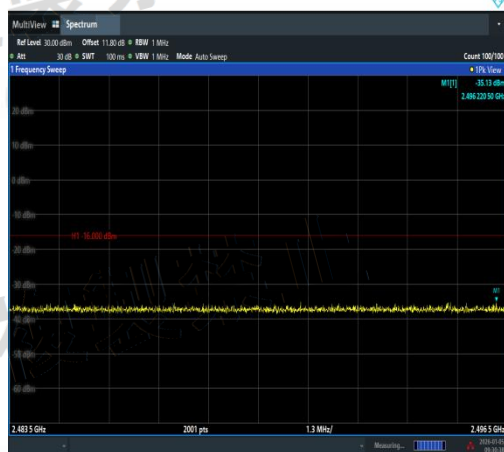


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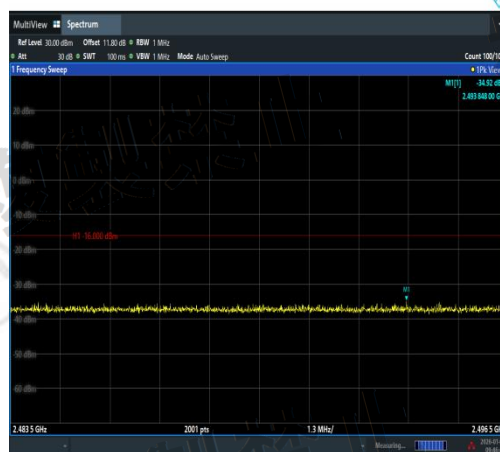
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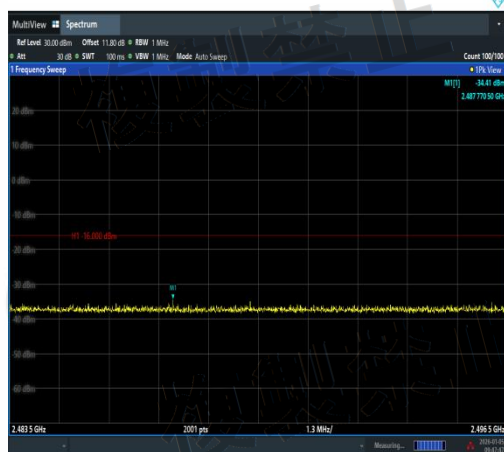




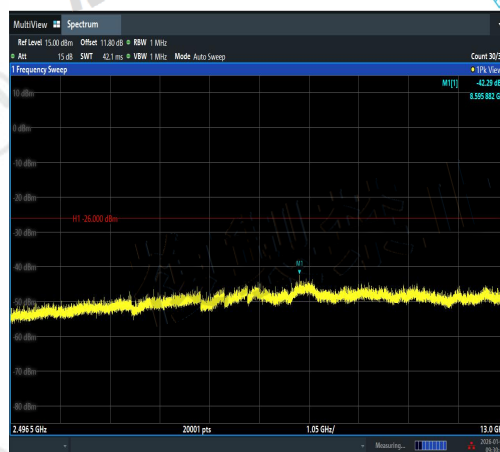
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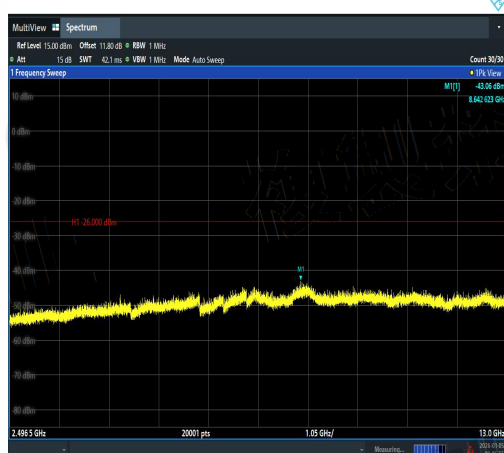
NTLV-2.4G-Ant1-2440-2483.5~2496.5-PASS



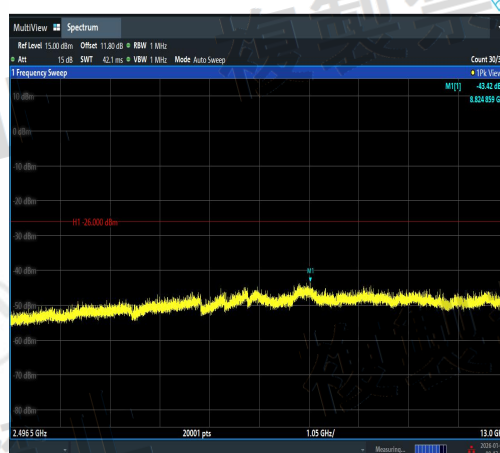
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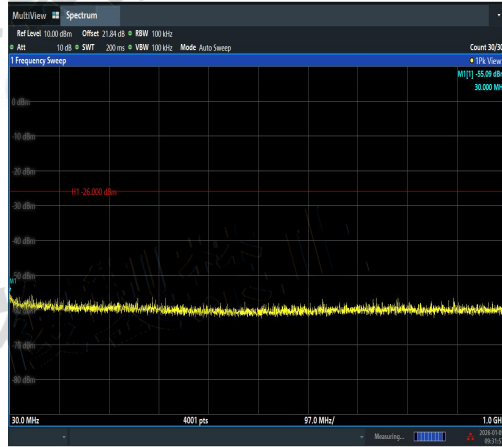
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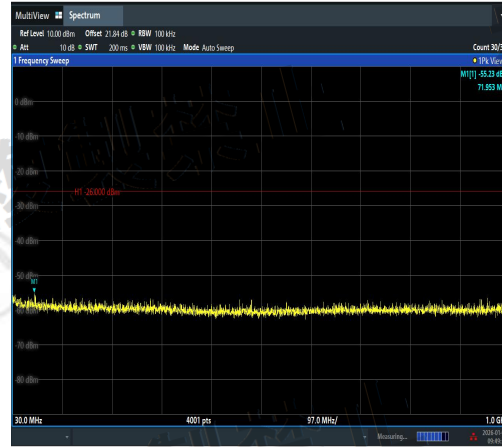
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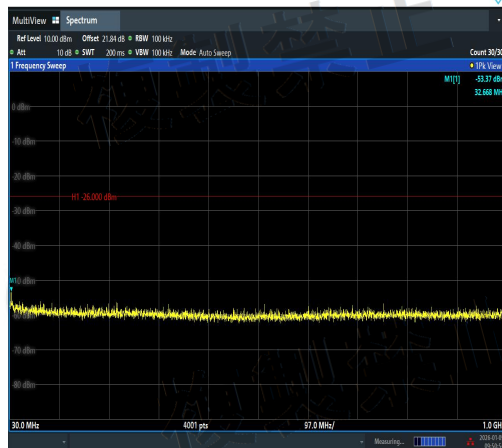
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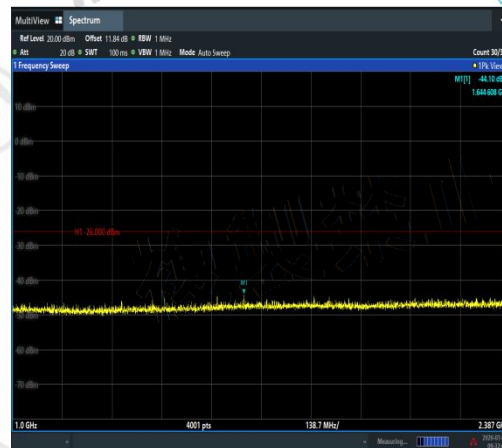
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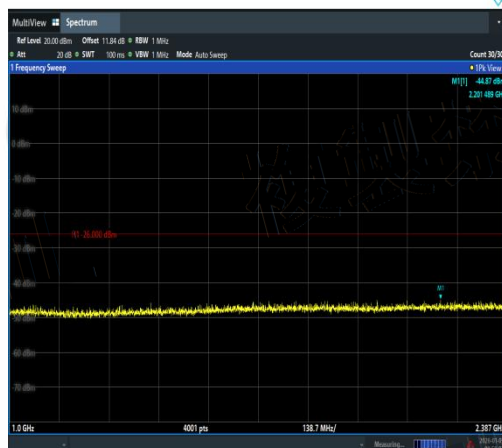
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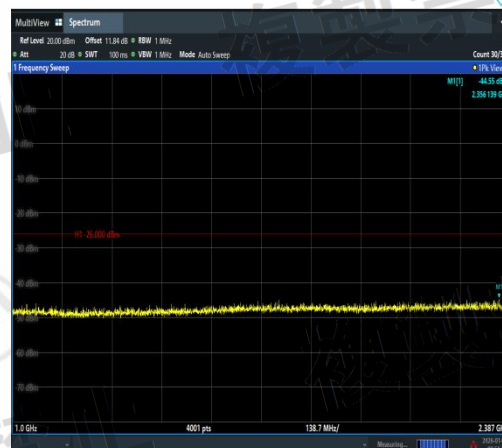
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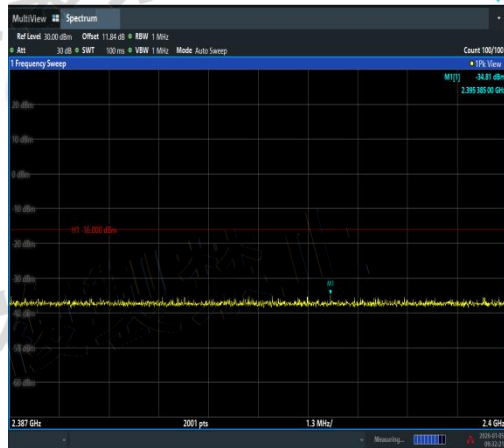
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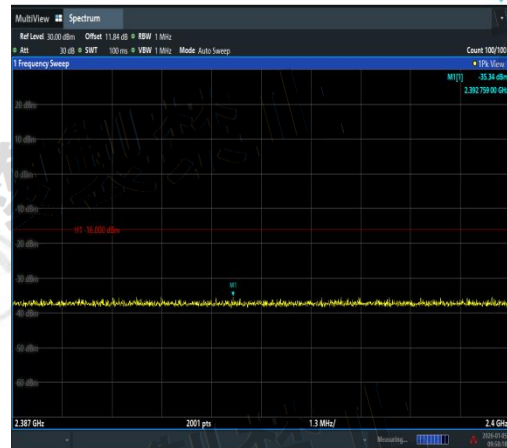
NTLV-2.4G-Ant1-2480-1000~2387-PASS



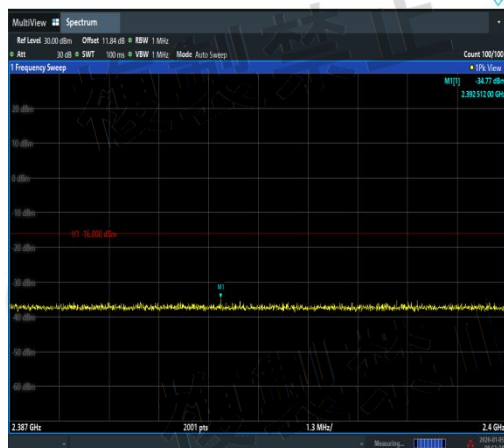
NTHV-2.4G-Ant1-2480-1000~2387-PASS



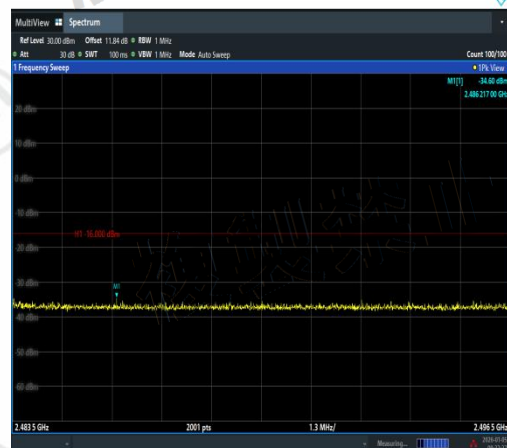
NTVN-2.4G-Ant1-2480-2387~2400-PASS



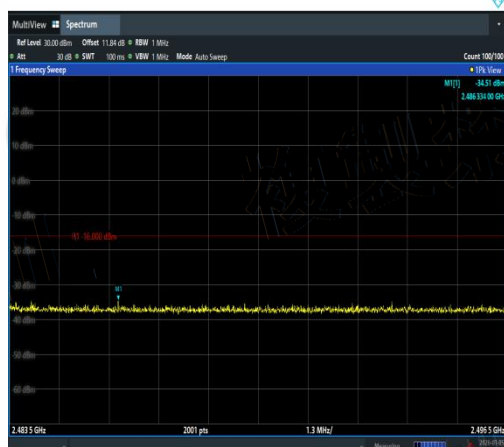
NTLV-2.4G-Ant1-2480-2387~2400-PASS



NTHV-2.4G-Ant1-2480-2387~2400-PASS



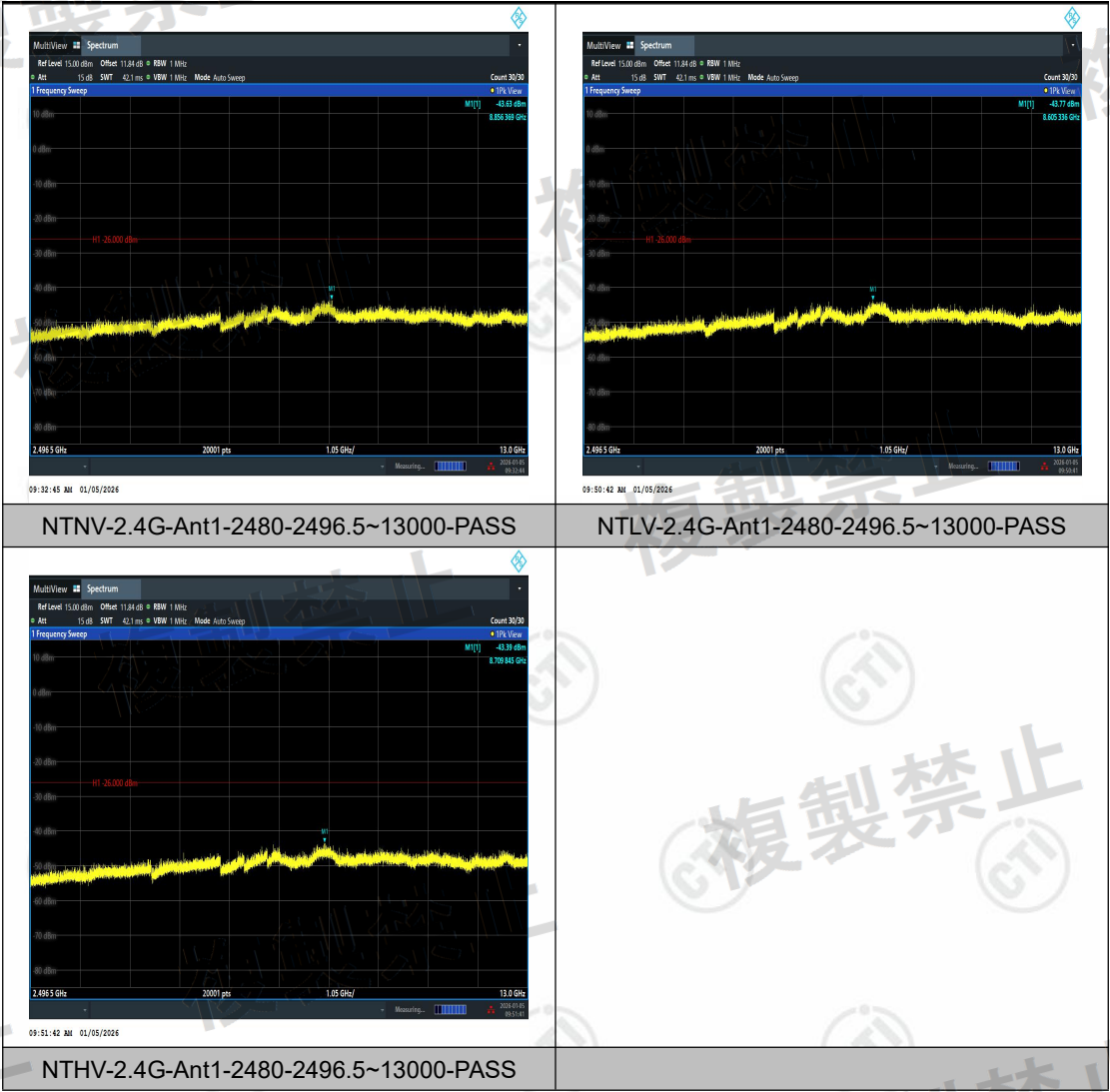
NTVN-2.4G-Ant1-2480-2483.5~2496.5-PASS



NTLV-2.4G-Ant1-2480-2483.5~2496.5-PASS



NTHV-2.4G-Ant1-2480-2483.5~2496.5-PASS

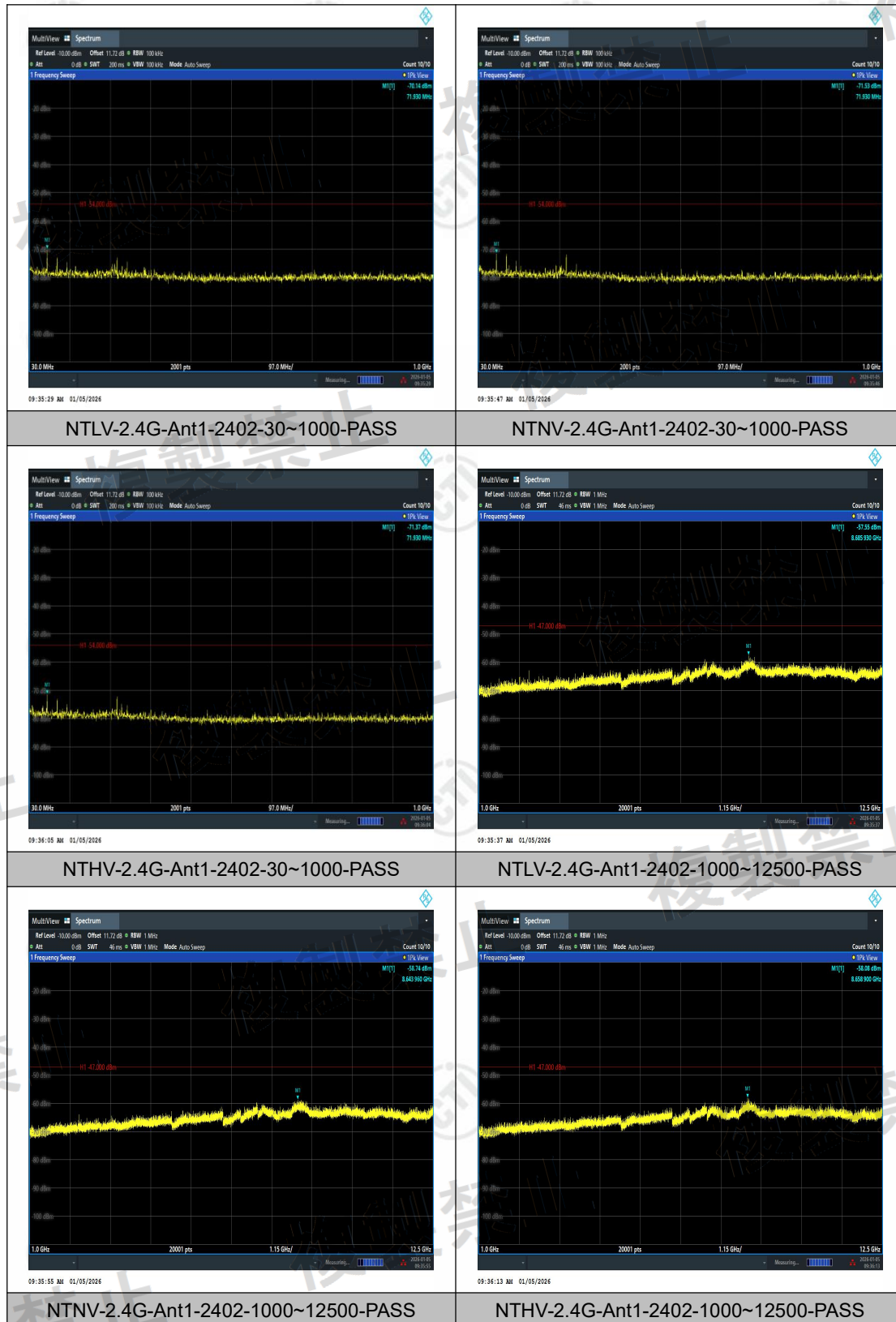


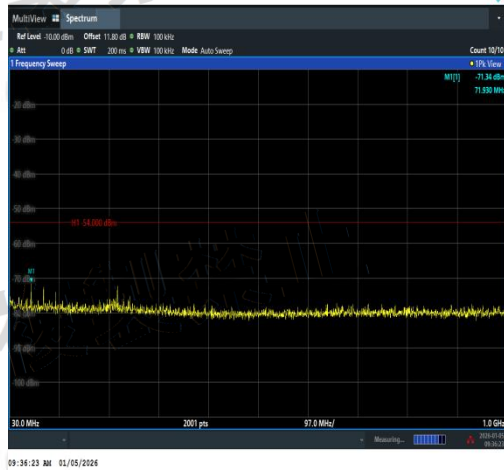
Appendix F: Secondary Radiated Emission Strength

Test Result

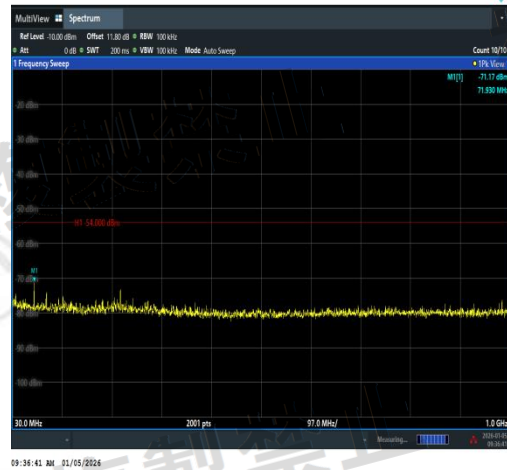
Test Condition	Test Mode	Antenna	Freq (MHz)	Freq.Range [MHz]	ResultFreq (MHz)	Result [dBm]	Result [nW]	Limit [nW]	Verdict
NTLV	2.4G	Ant1	2402	30~1000	71.93	-70.14	0.09683	≤4	PASS
NTNV	2.4G	Ant1	2402	30~1000	71.93	-71.53	0.07031	≤4	PASS
NTHV	2.4G	Ant1	2402	30~1000	71.93	-71.37	0.07295	≤4	PASS
NTLV	2.4G	Ant1	2402	1000~12500	8685.93	-57.55	1.75792	≤20	PASS
NTNV	2.4G	Ant1	2402	1000~12500	8643.96	-58.74	1.33660	≤20	PASS
NTHV	2.4G	Ant1	2402	1000~12500	8658.90	-58.08	1.55597	≤20	PASS
NTLV	2.4G	Ant1	2440	30~1000	71.93	-71.34	0.07345	≤4	PASS
NTNV	2.4G	Ant1	2440	30~1000	71.93	-71.17	0.07638	≤4	PASS
NTHV	2.4G	Ant1	2440	30~1000	71.93	-70.90	0.08128	≤4	PASS
NTLV	2.4G	Ant1	2440	1000~12500	8635.33	-57.83	1.64816	≤20	PASS
NTNV	2.4G	Ant1	2440	1000~12500	8696.28	-58.25	1.49624	≤20	PASS
NTHV	2.4G	Ant1	2440	1000~12500	8650.85	-58.68	1.35519	≤20	PASS
NTLV	2.4G	Ant1	2480	30~1000	71.93	-71.31	0.07396	≤4	PASS
NTNV	2.4G	Ant1	2480	30~1000	71.93	-70.67	0.08570	≤4	PASS
NTHV	2.4G	Ant1	2480	30~1000	71.93	-71.31	0.07396	≤4	PASS
NTLV	2.4G	Ant1	2480	1000~12500	8592.78	-58.39	1.44877	≤20	PASS
NTNV	2.4G	Ant1	2480	1000~12500	8664.65	-57.78	1.66725	≤20	PASS
NTHV	2.4G	Ant1	2480	1000~12500	8720.43	-58.04	1.57036	≤20	PASS

Test Graphs

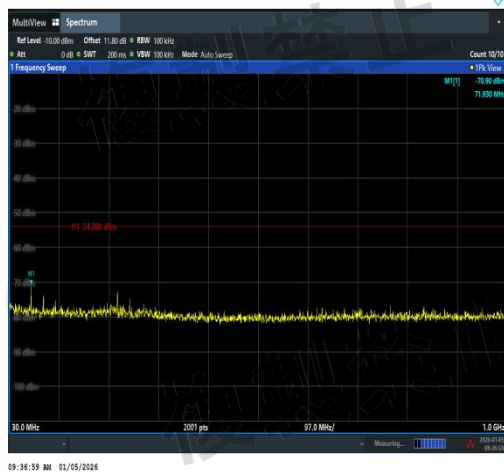




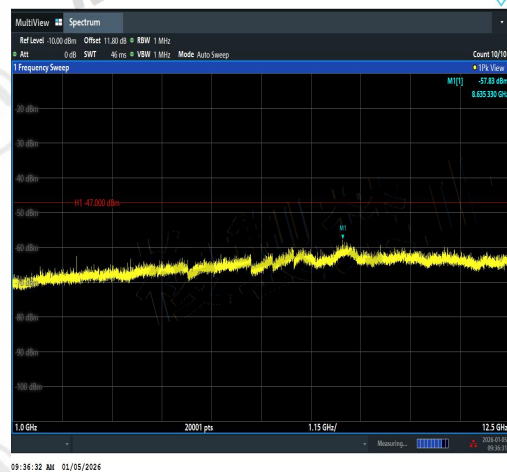
NTLV-2.4G-Ant1-2440-30~1000-PASS



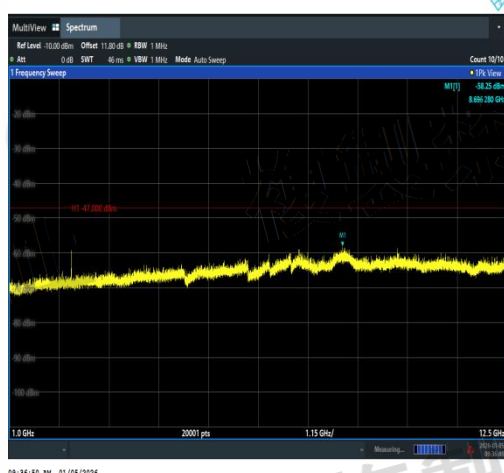
NNTV-2.4G-Ant1-2440-30~1000-PASS



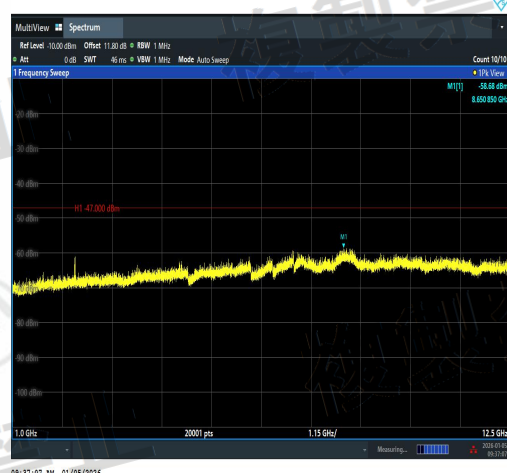
NTHV-2.4G-Ant1-2440-30~1000-PASS



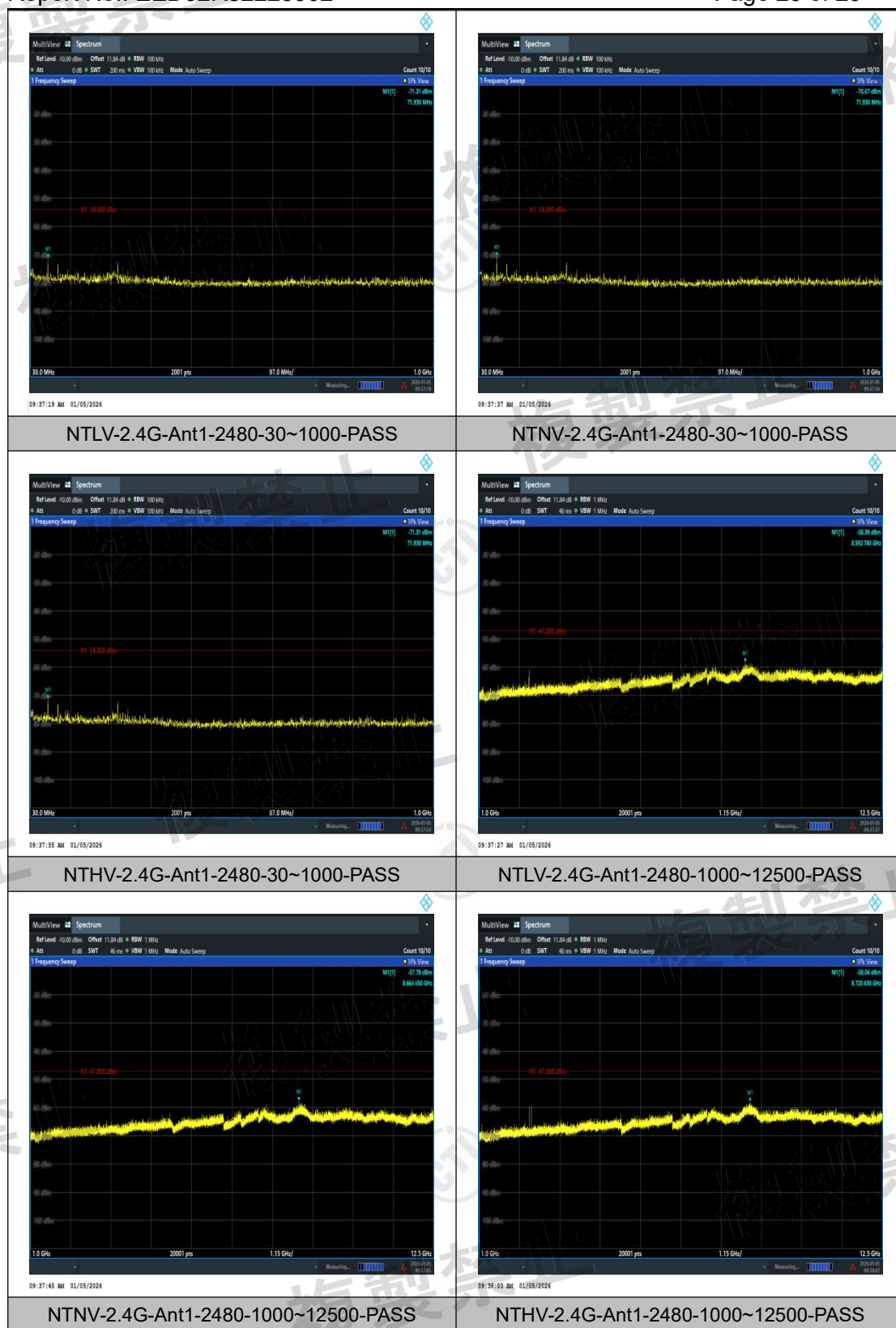
NTLV-2.4G-Ant1-2440-1000~12500-PASS



NNTV-2.4G-Ant1-2440-1000~12500-PASS



NTHV-2.4G-Ant1-2440-1000~12500-PASS



END OF REPORT