



Appendix A for 2.4G Test Data

Product Name: Remote Controller

Test Model: PXLB1PKRC

Environmental Conditions

Temperature:	24.1°C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Ethan Zhu
Supervised by:	Can Kun



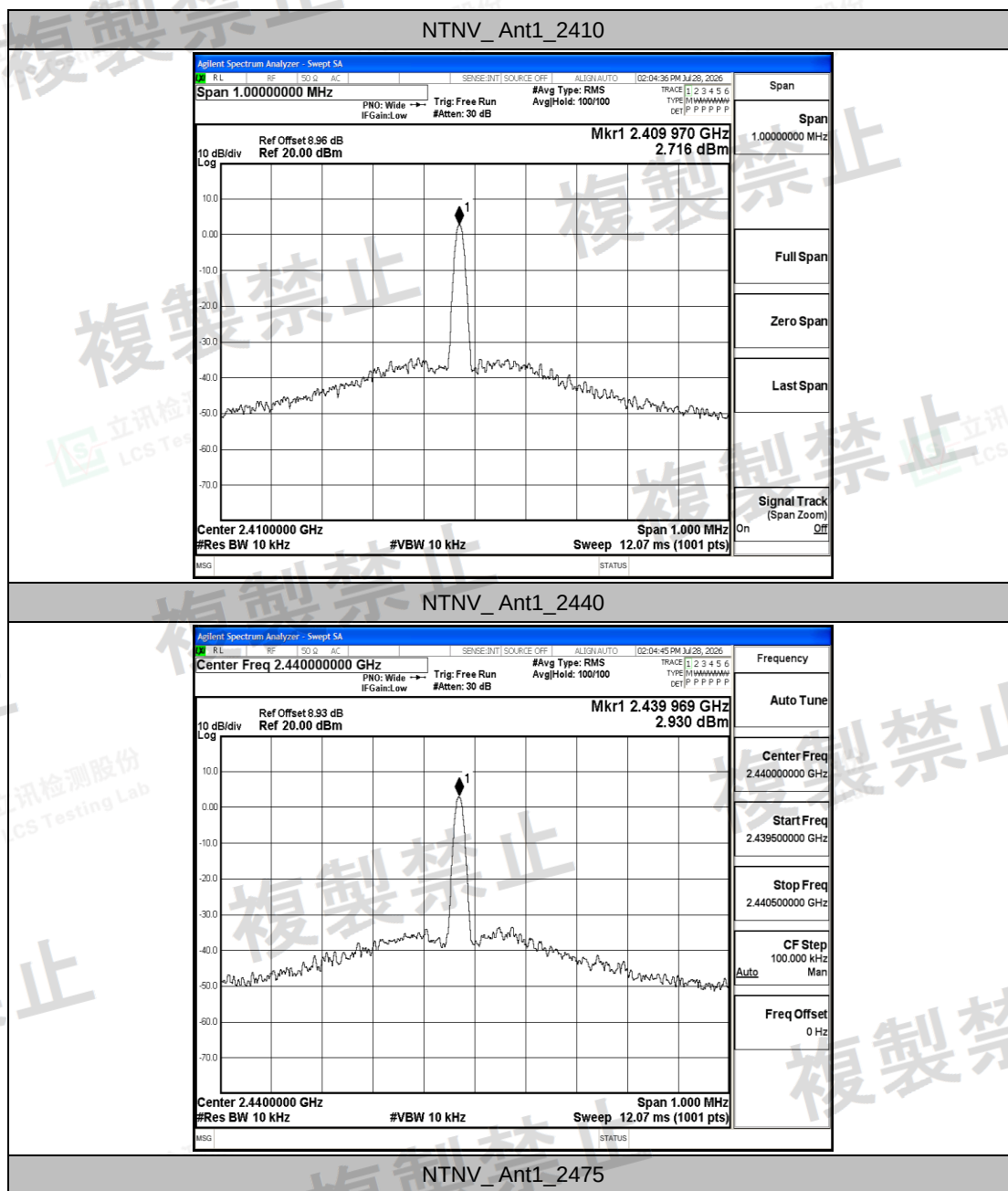
A.1 Frequency_Error

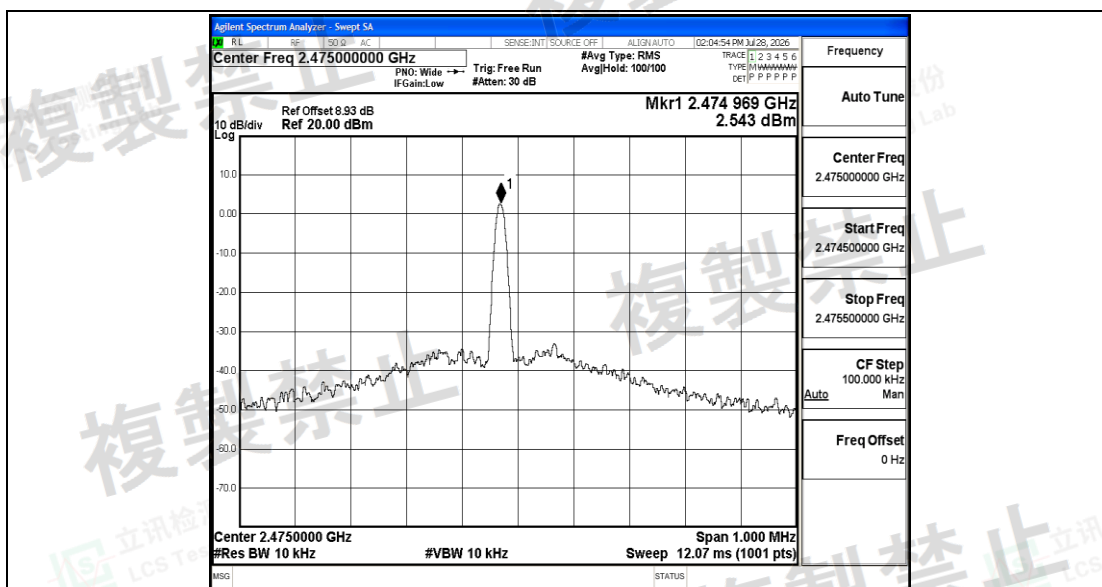
Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	Frequency_Error	Ant1	2410	-12.44813	±50	PASS
			2440	-12.70492	±50	PASS
			2475	-12.52525	±50	PASS



Test Graphs







A.2 Antenna Power

Test Result

Antenna Power							
TestCondition	TestMode	Antenna	Frequency[MHz]	Result(dBm)	Result(mW)	Limit(mW)	Verdict
NTNV	2.4G	Ant1	2410	1.43	1.3900	≤10	PASS
			2440	2.47	1.7660	≤10	PASS
			2475	2.26	1.6827	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Frequency[MHz]	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	2.4G	Ant1	2410	1.39	2	-30.50	+20	PASS
			2440	1.766	2	-11.70	+20	PASS
			2475	1.6827	2	-15.87	+20	PASS



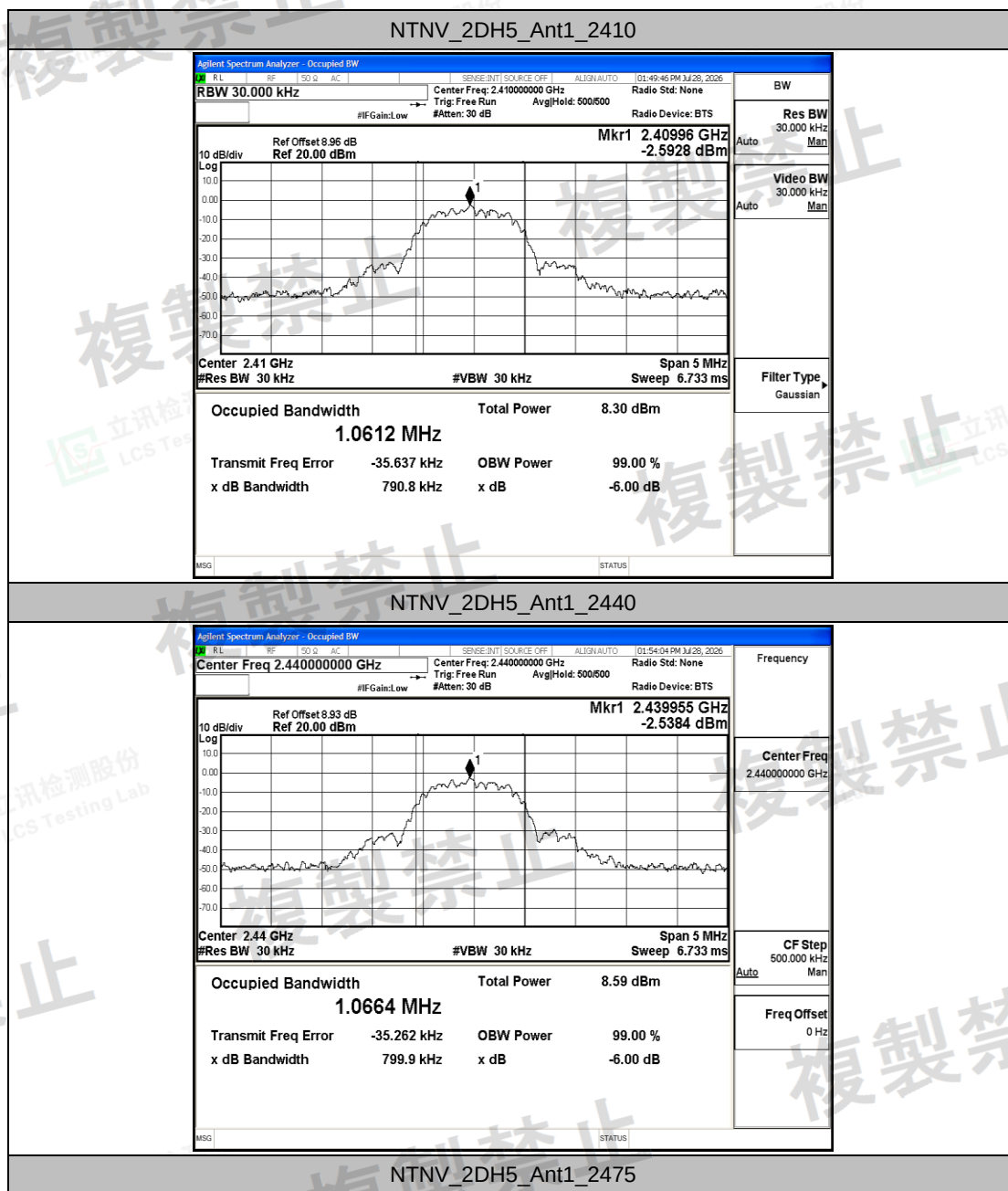
A.3 Occupied Bandwidth

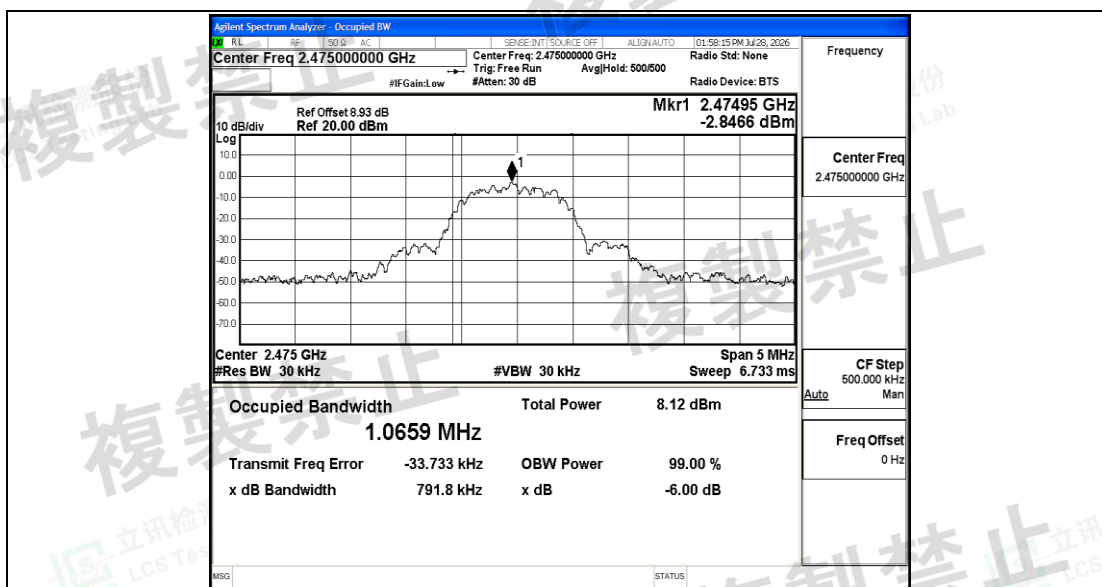
Test Result

Test Condition	Test Mode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	2DH5	Ant1	2410	1.061	≤26	PASS
			2440	1.066	≤26	PASS
			2475	1.066	≤26	PASS



Test Graphs







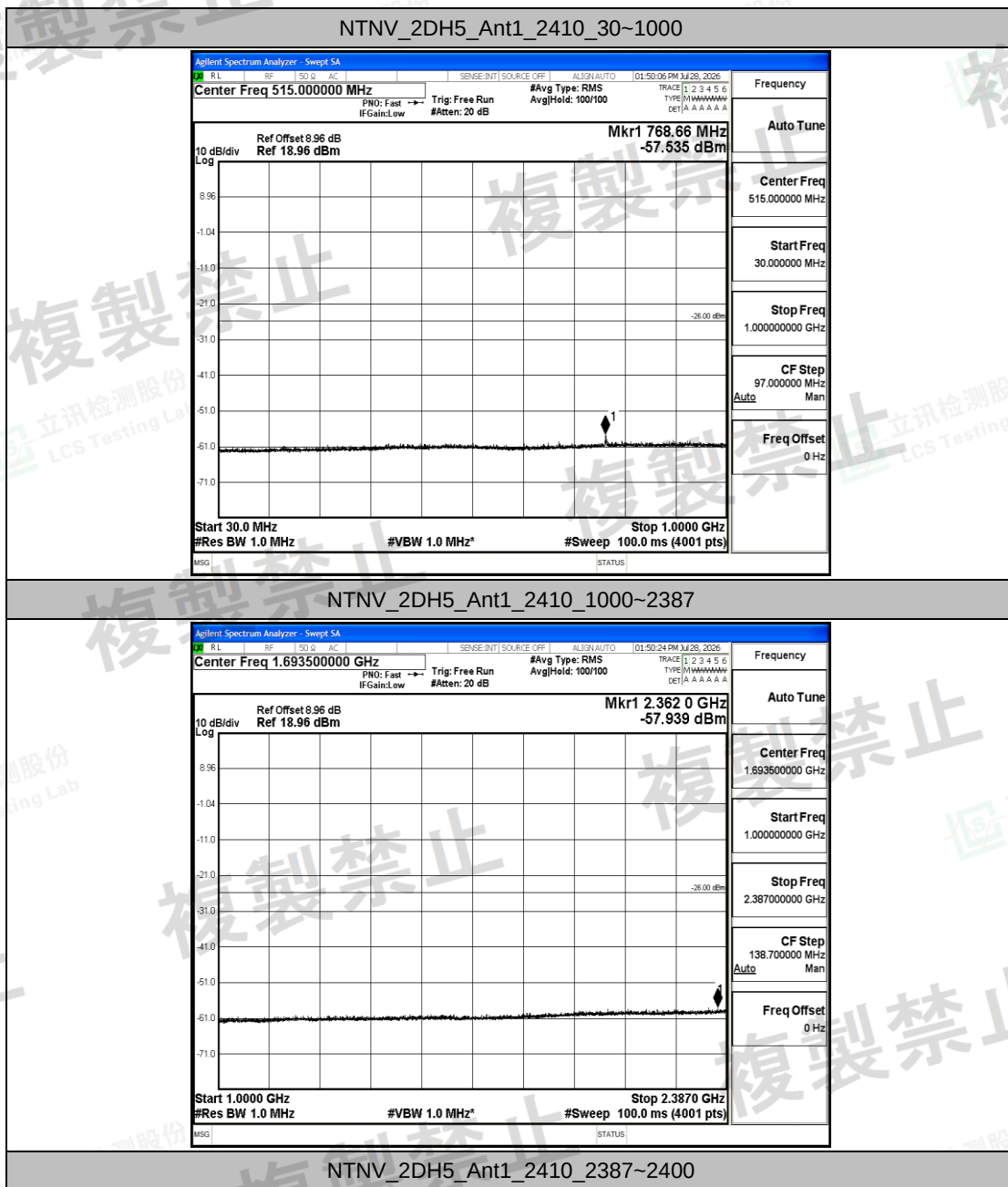
A.4 Spurious Emission of TX

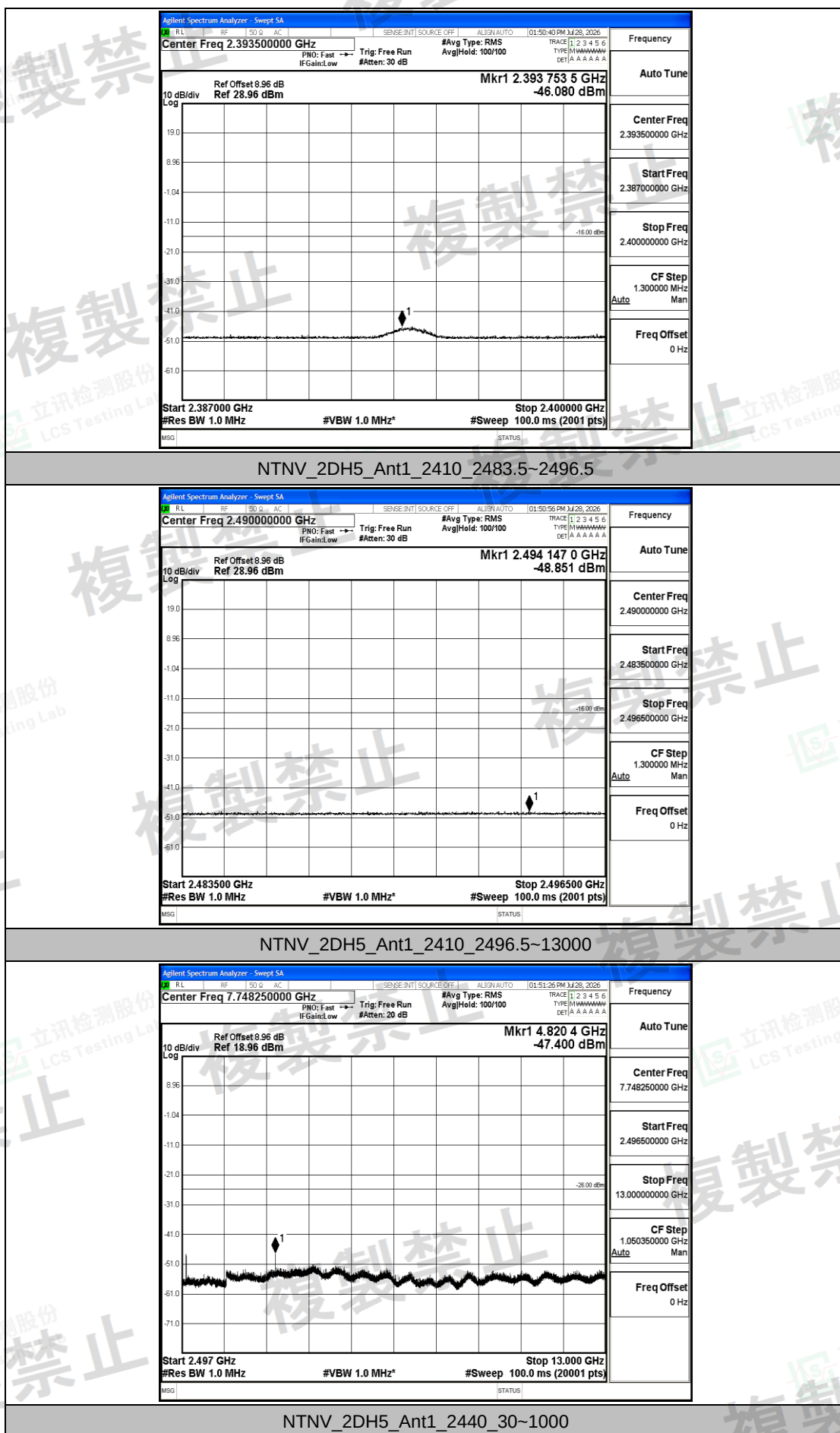
Test Result

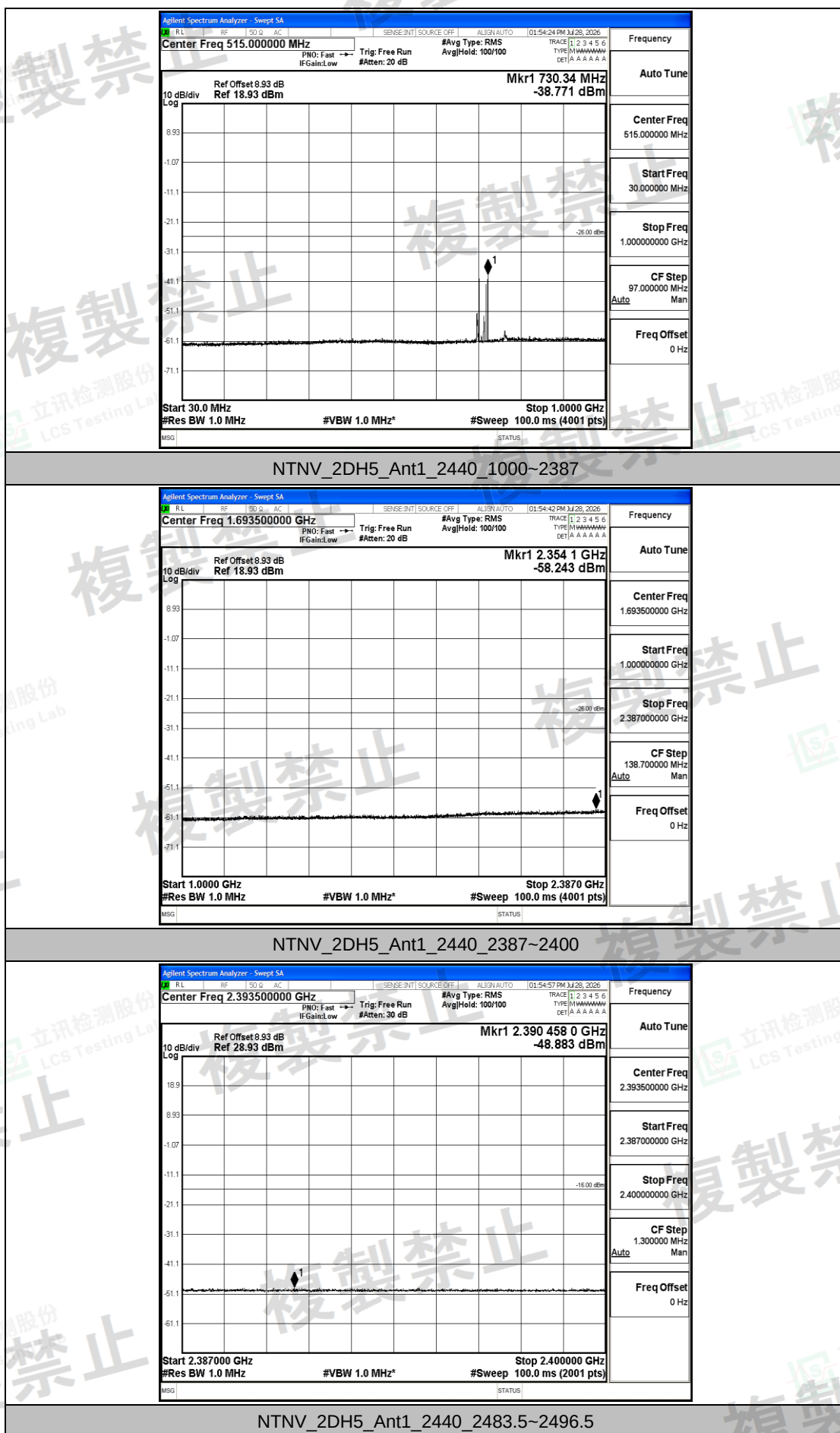
Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Result [dBm]	Limit [dBm]	Result [μ W]	Limit [μ W]	Verdict
NTNV	2DH5	Ant1	2410	30~1000	-57.54	≤ -26	0.00176	≤ 2.5	PASS
				1000~2387	-57.94	≤ -26	0.00161	≤ 2.5	PASS
				2387~2400	-46.08	≤ -16	0.02466	≤ 25	PASS
				2483.5~2496.5	-48.85	≤ -16	0.01303	≤ 25	PASS
				2496.5~13000	-47.40	≤ -26	0.01820	≤ 2.5	PASS
			2440	30~1000	-38.77	≤ -26	0.13274	≤ 2.5	PASS
				1000~2387	-58.24	≤ -26	0.00150	≤ 2.5	PASS
				2387~2400	-48.88	≤ -16	0.01294	≤ 25	PASS
				2483.5~2496.5	-48.66	≤ -16	0.01361	≤ 25	PASS
				2496.5~13000	-49.63	≤ -26	0.01089	≤ 2.5	PASS
			2475	30~1000	-29.69	≤ -26	1.07399	≤ 2.5	PASS
				1000~2387	-58.26	≤ -26	0.00149	≤ 2.5	PASS
				2387~2400	-49.04	≤ -16	0.01247	≤ 25	PASS
				2483.5~2496.5	-46.33	≤ -16	0.02328	≤ 25	PASS
				2496.5~13000	-31.89	≤ -26	0.64714	≤ 2.5	PASS



Test Graphs



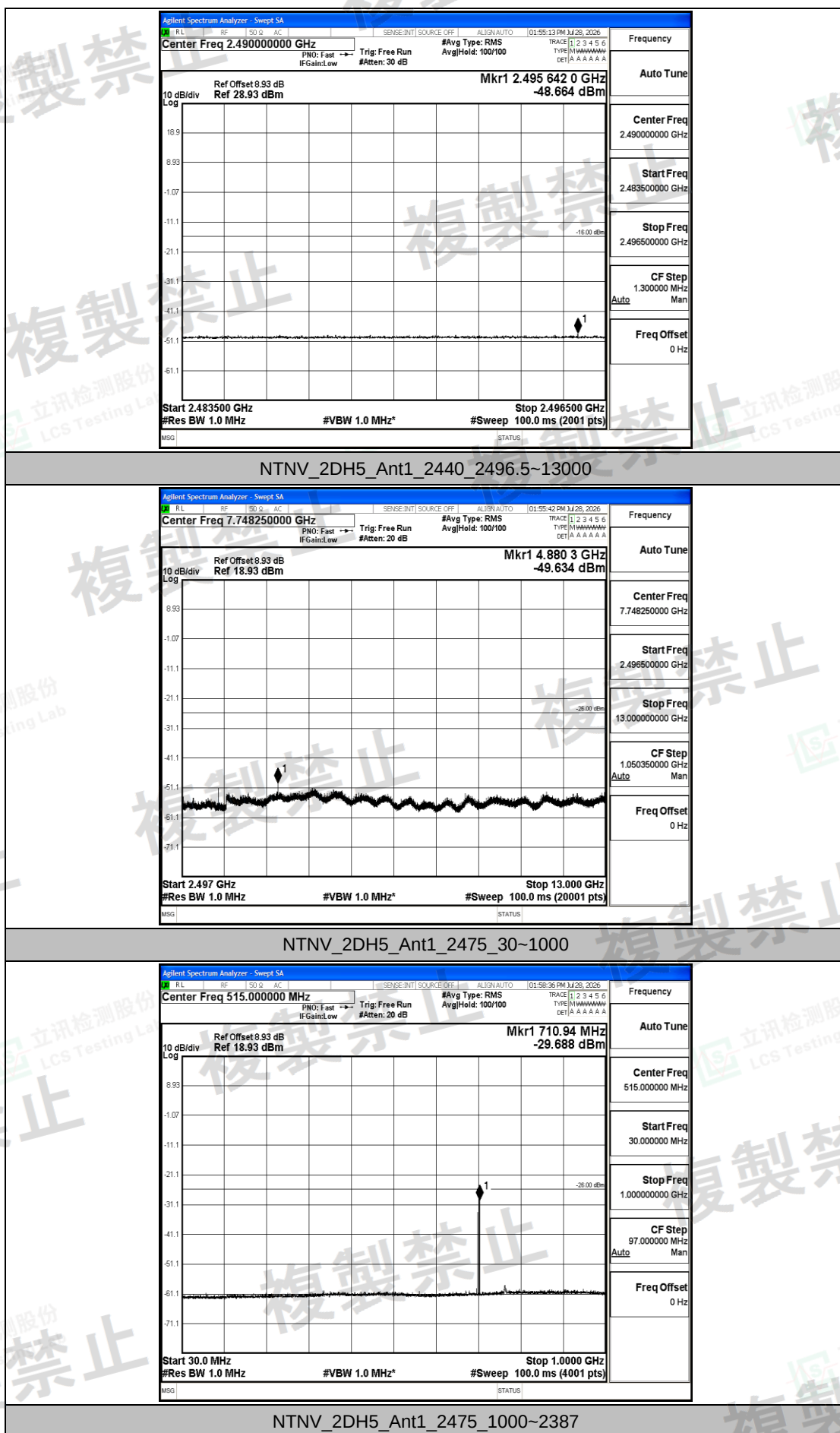




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Add: Room 101/201, Building A, and Room 101/301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Subdistrict, Bao'an District, Shenzhen, Guangdong, China

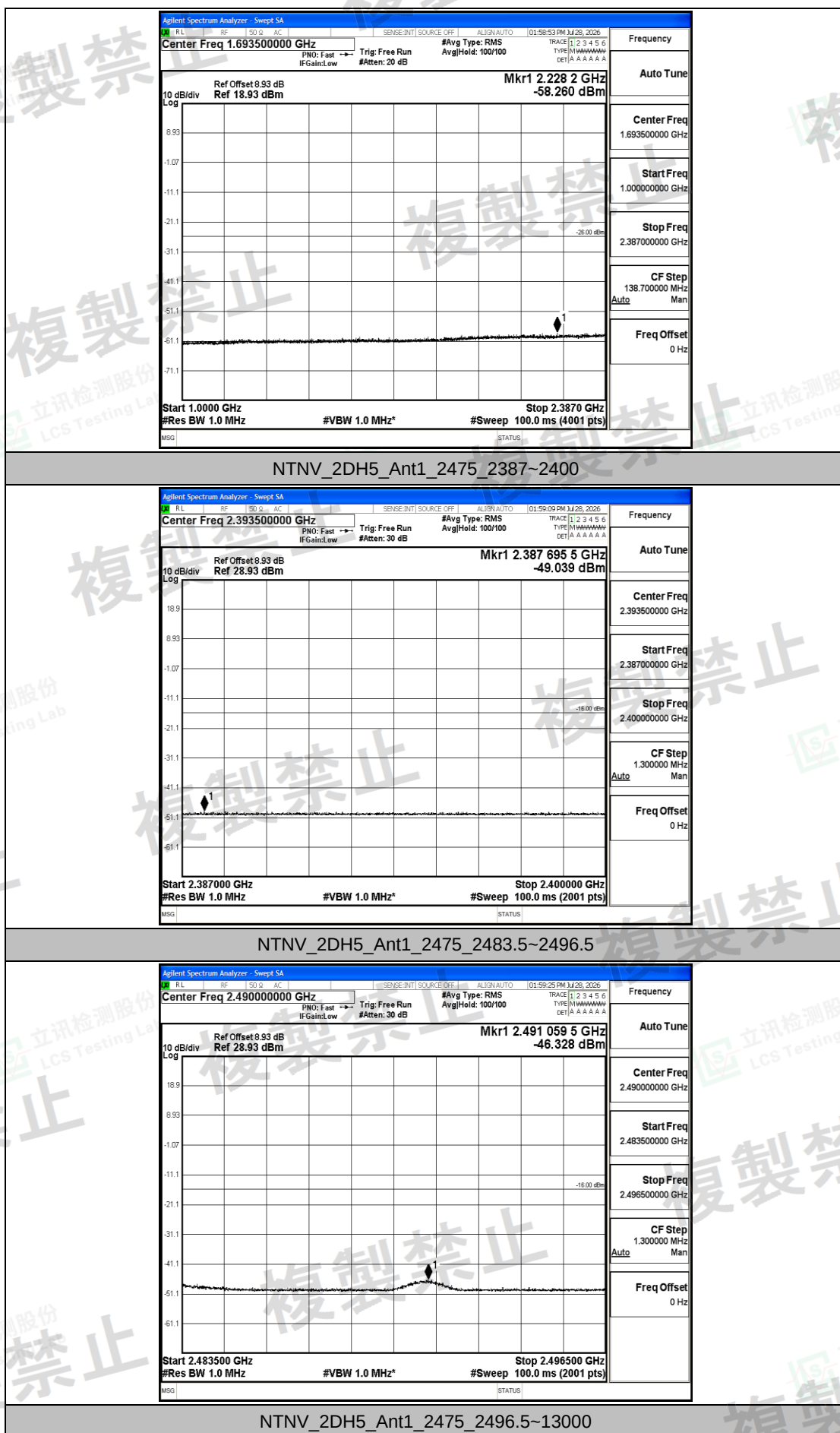
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

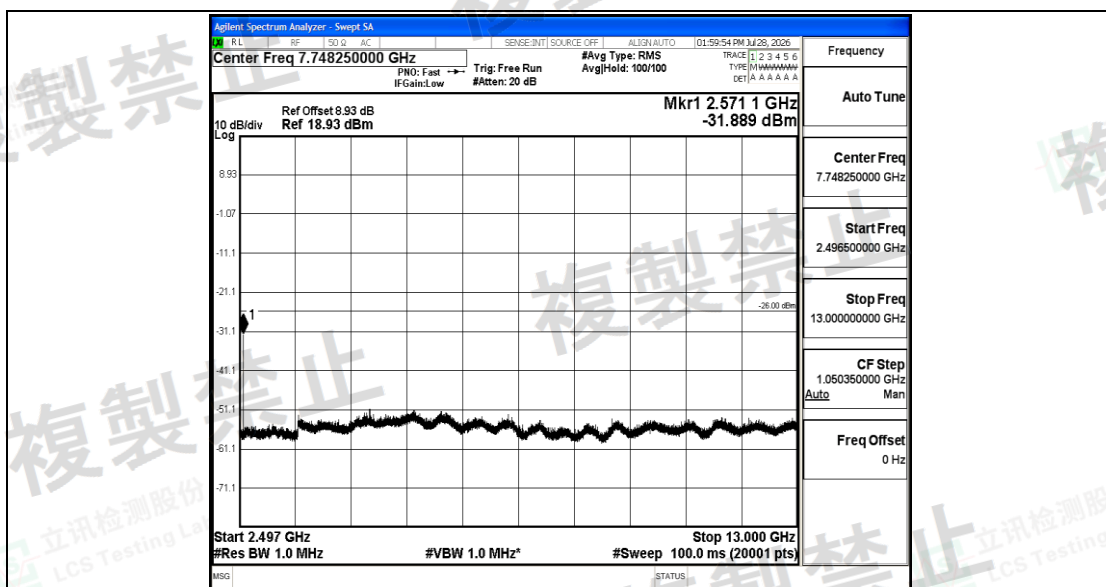


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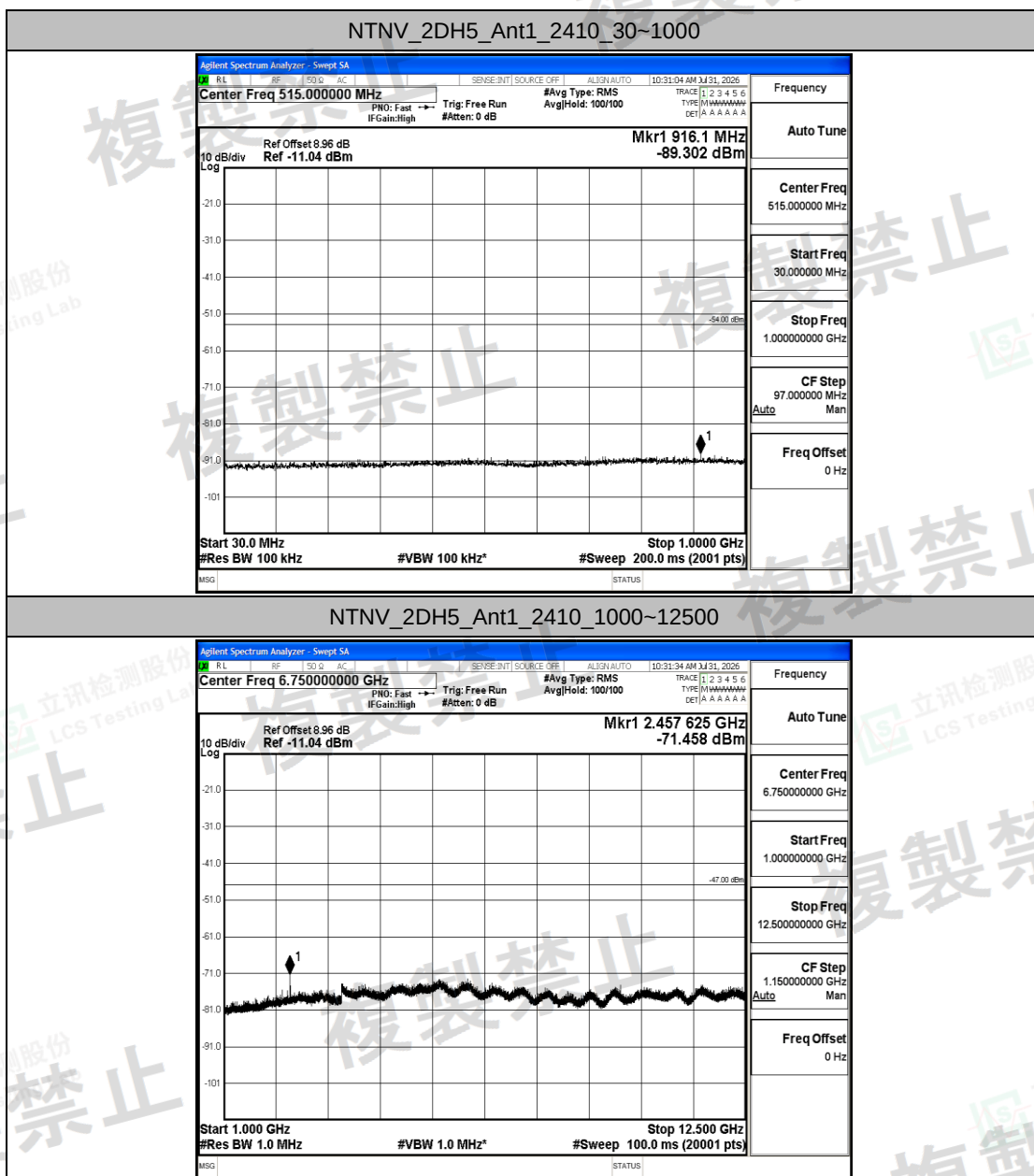


A.5 Spurious Emission of RX

Test Result

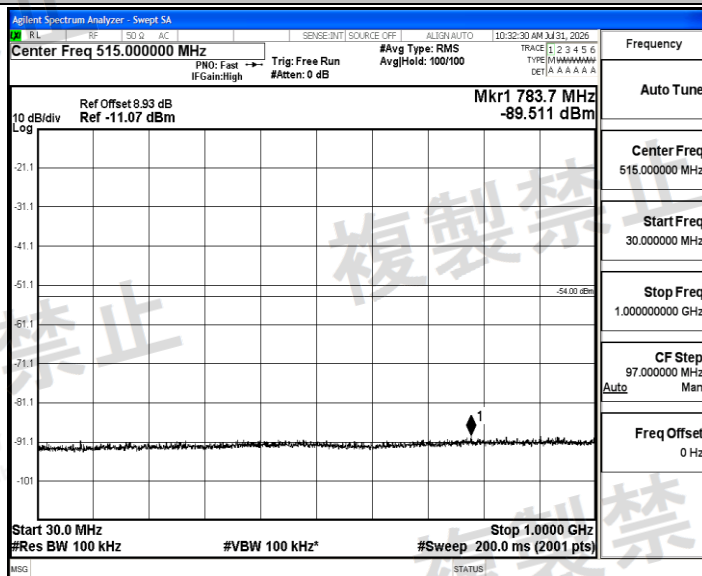
Test Condition	Test Mode	Antenna	Frequency [MHz]	Freq. Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2DH5	Ant1	2410	30~1000	-89.3	≤-54	0.00117	≤4	PASS
				1000~12500	-71.46	≤-47	0.07145	≤20	PASS
			2440	30~1000	-89.51	≤-54	0.00112	≤4	PASS
				1000~12500	-71.26	≤-47	0.07482	≤20	PASS
			2475	30~1000	-89.56	≤-54	0.00111	≤4	PASS
				1000~12500	-70.59	≤-47	0.08730	≤20	PASS

Test Graphs

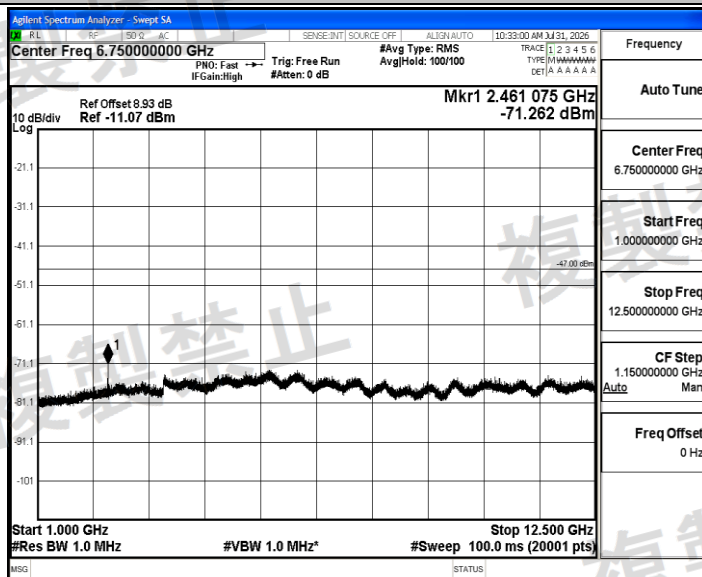




NTNV_2DH5_Ant1_2440_30~1000



NTNV_2DH5_Ant1_2440_1000~12500



NTNV_2DH5_Ant1_2475_30~1000

