

Appendix B for 2.4G Test Data

Product Name: Wireless Keyboard
Test Model: SK75TMR

Environmental Conditions

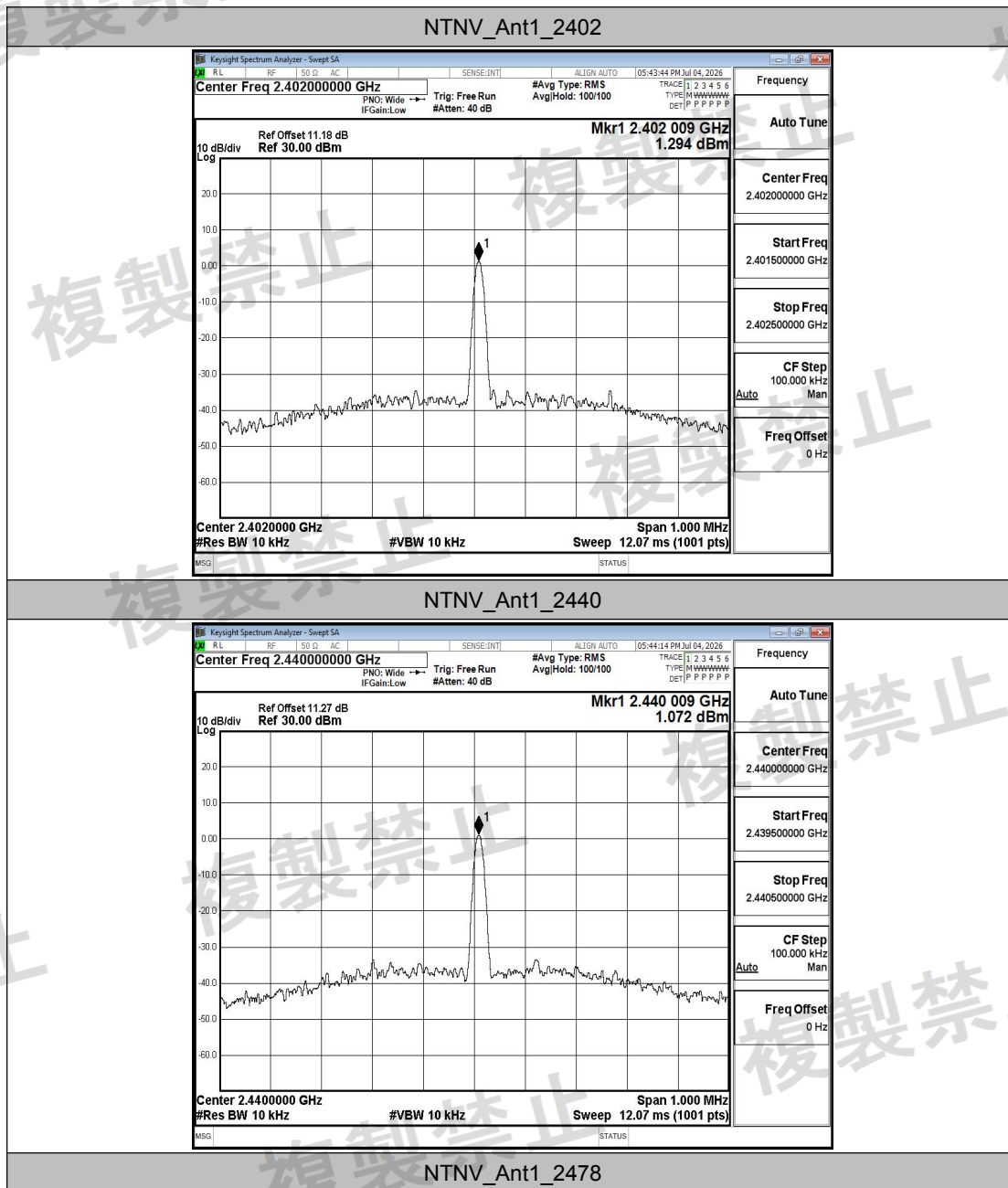
Temperature:	23.5°C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhao Xing Hai
Supervised by:	Fengliu Tang

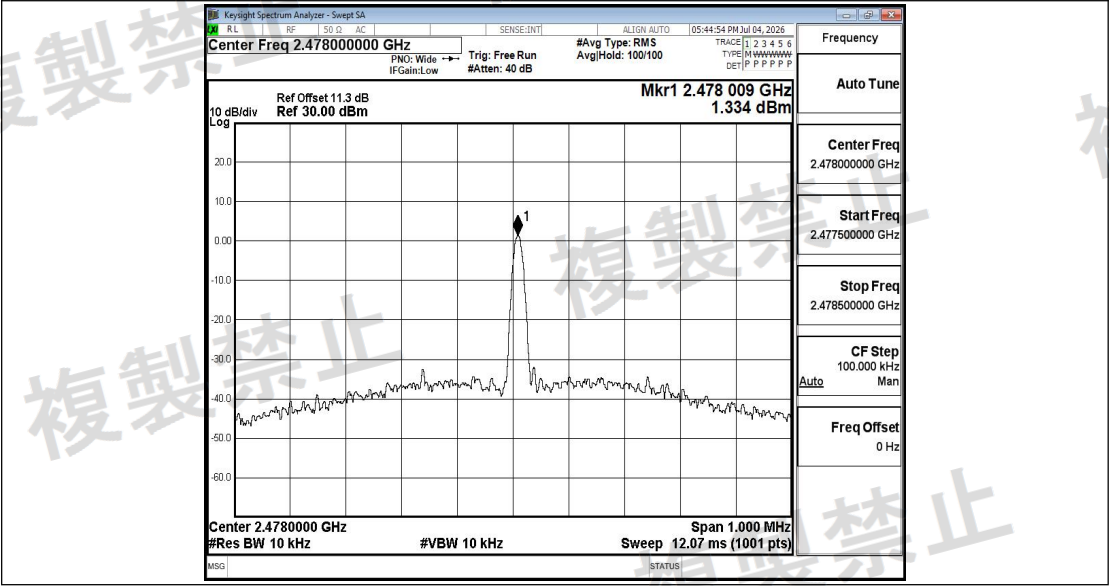
B.1 Frequency Error

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result[ppm]	Limit[ppm]	Verdict
NTNV	Frequency Error	Ant1	2402	3.74688	±50	PASS
			2440	3.68853	±50	PASS
			2478	3.63196	±50	PASS

Test Graphs





B.2 Antenna Power & EIRP

Test Result

Antenna Power							
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	Result(mW)	Limit(mW)	Verdict
NTNV	2.4G	Ant1	2402	-2.94	0.51	≤10	PASS
			2440	-3.13	0.49	≤10	PASS
			2478	-2.78	0.53	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq(MHz)	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	2.4G	Ant1	2402	0.51	0.5	2.00	20	PASS
			2440	0.49	0.5	-2.00	20	PASS
			2478	0.53	0.5	6.00	20	PASS

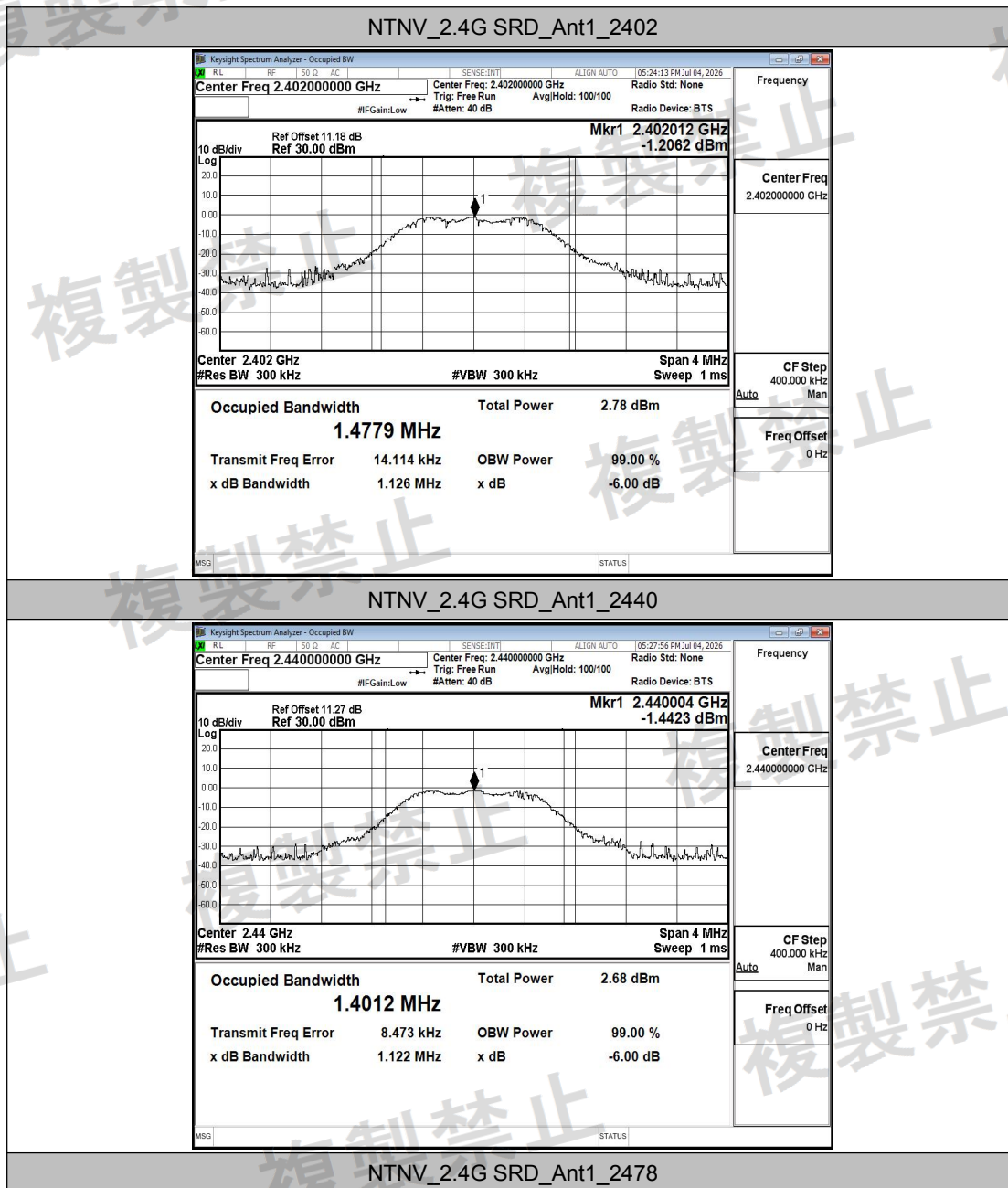
EIRP								
TestCondition	TestMode	Antenna	Frequency [MHz]	Measured Power (dBm)	Antenna gain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
NTNV	2.4G	Ant1	2402	-2.94	2.96	0.02	≤12.14	PASS
			2440	-3.13	2.96	-0.17	≤12.14	PASS
			2478	-2.78	2.96	0.18	≤12.14	PASS

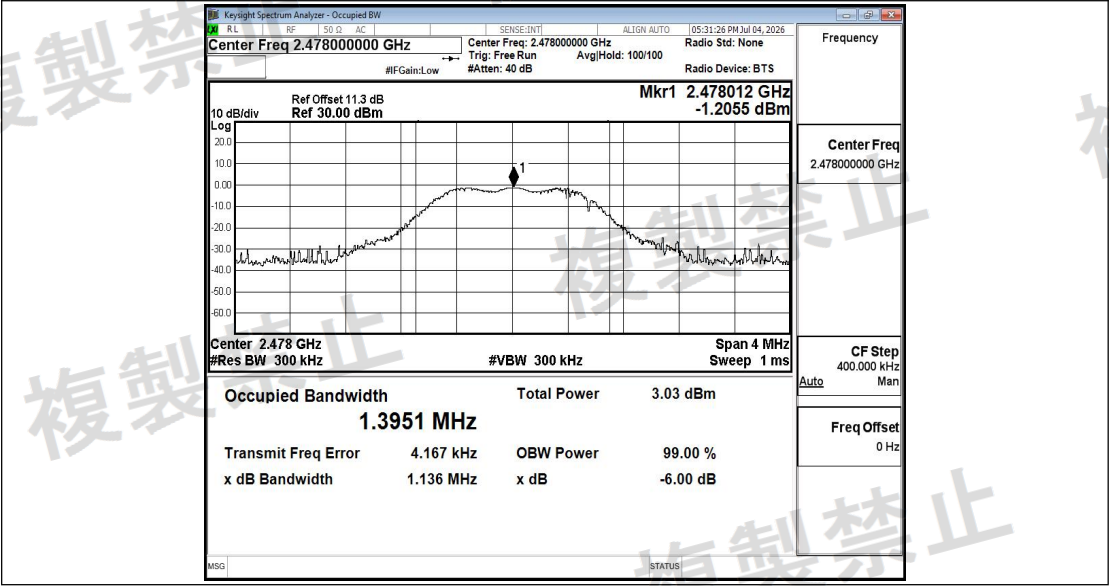
B.3 Occupied Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G SRD	Ant1	2402	1.478	≤26	PASS
			2440	1.401	≤26	PASS
			2478	1.395	≤26	PASS

Test Graphs



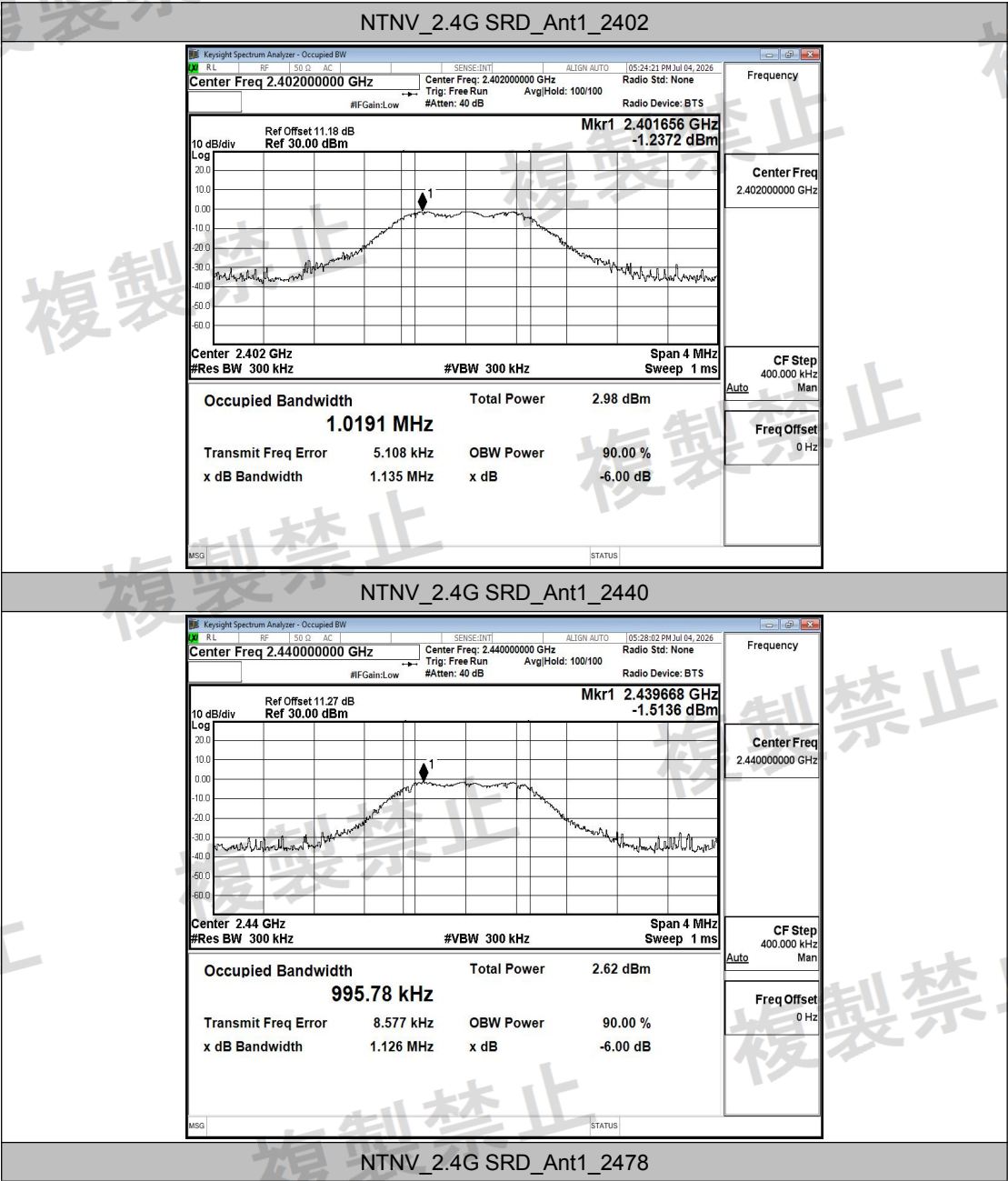


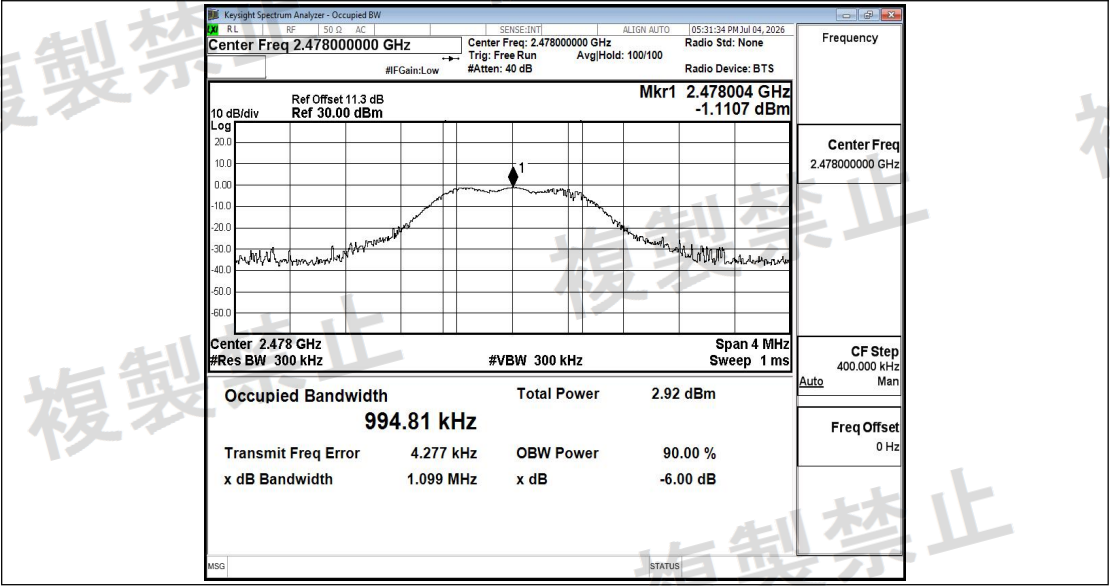
B.4 Spread Bandwidth

Test Result

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G SRD	Ant1	2402	1.019	---	PASS
			2440	0.996	---	PASS
			2478	0.995	---	PASS

Test Graphs



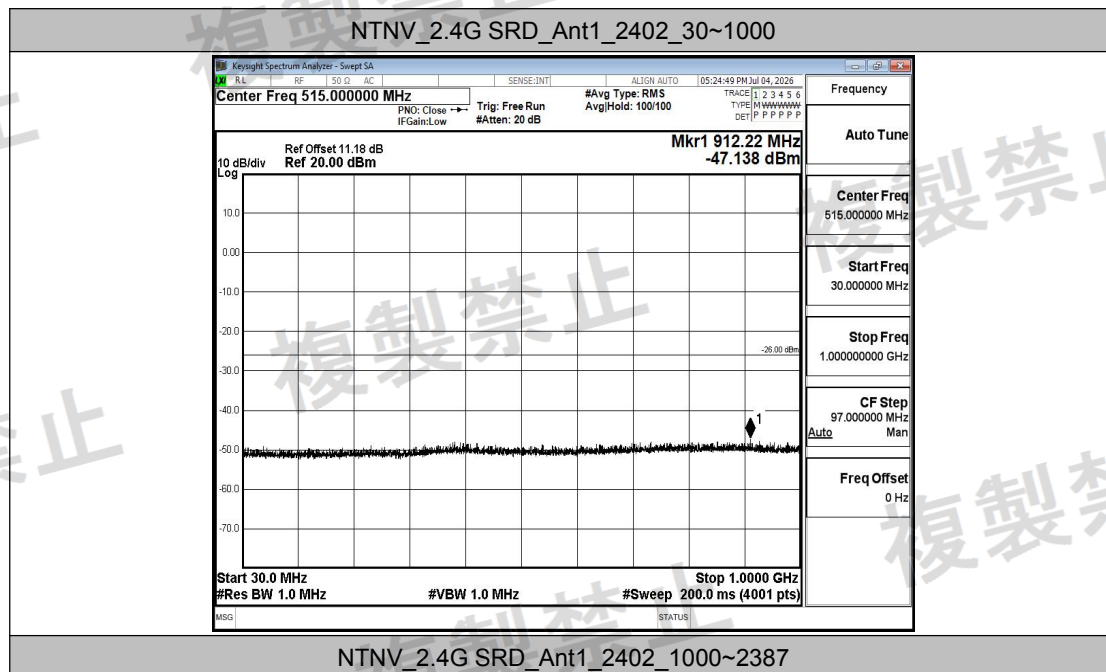


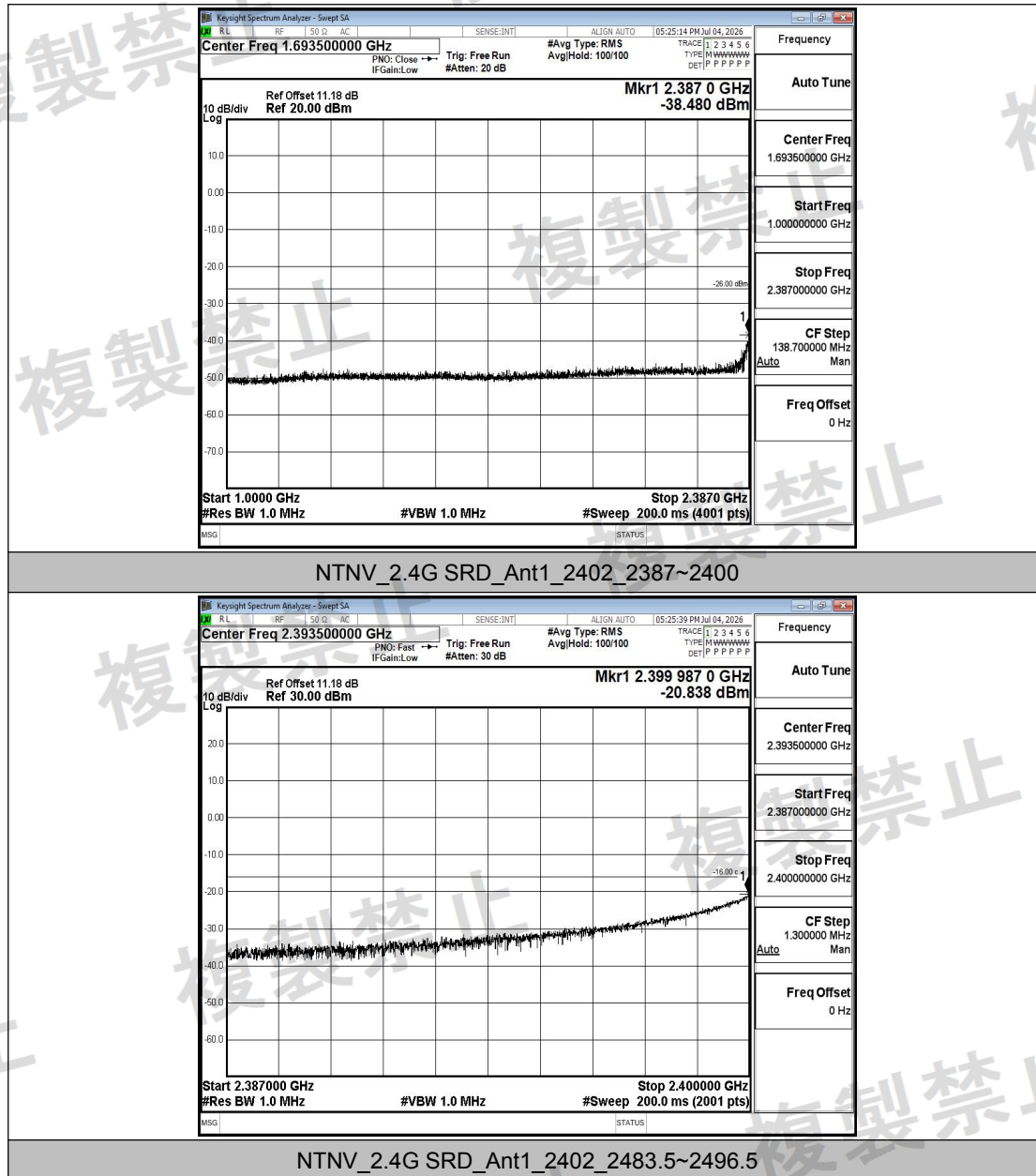
B.5 Spurious Emission of TX

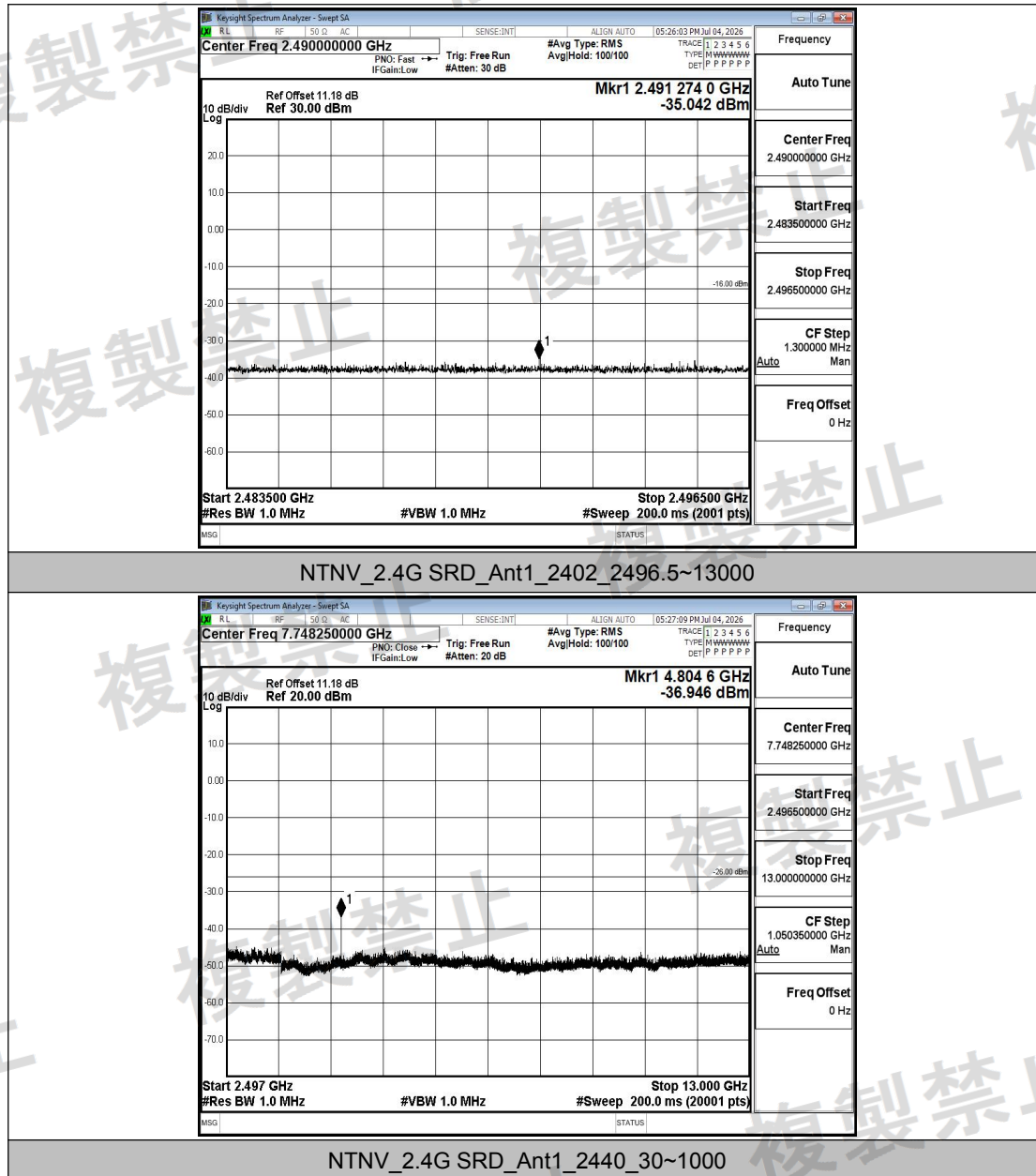
Test Result

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	2.4G SRD	Ant1	2402	30~1000	912.22	-47.14	≤-26	0.01932	≤2.5	PASS
				1000~2387	2387.00	-38.48	≤-26	0.14191	≤2.5	PASS
				2387~2400	2399.99	-20.84	≤-16	8.24138	≤25	PASS
				2483.5~2496.5	2491.27	-35.04	≤-16	0.31333	≤25	PASS
				2496.5~13000	4804.64	-36.95	≤-26	0.20184	≤2.5	PASS
			2440	30~1000	907.12	-47.61	≤-26	0.01734	≤2.5	PASS
				1000~2387	2375.56	-45.70	≤-26	0.02692	≤2.5	PASS
				2387~2400	2389.15	-35.73	≤-16	0.26730	≤25	PASS
				2483.5~2496.5	2485.03	-35.44	≤-16	0.28576	≤25	PASS
				2496.5~13000	4879.22	-37.66	≤-26	0.17140	≤2.5	PASS
			2478	30~1000	860.08	-47.12	≤-26	0.01941	≤2.5	PASS
				1000~2387	2327.01	-45.50	≤-26	0.02818	≤2.5	PASS
				2387~2400	2398.08	-35.69	≤-16	0.26977	≤25	PASS
				2483.5~2496.5	2483.60	-28.70	≤-16	1.34896	≤25	PASS
				2496.5~13000	4955.89	-39.25	≤-26	0.11885	≤2.5	PASS

Test Graphs



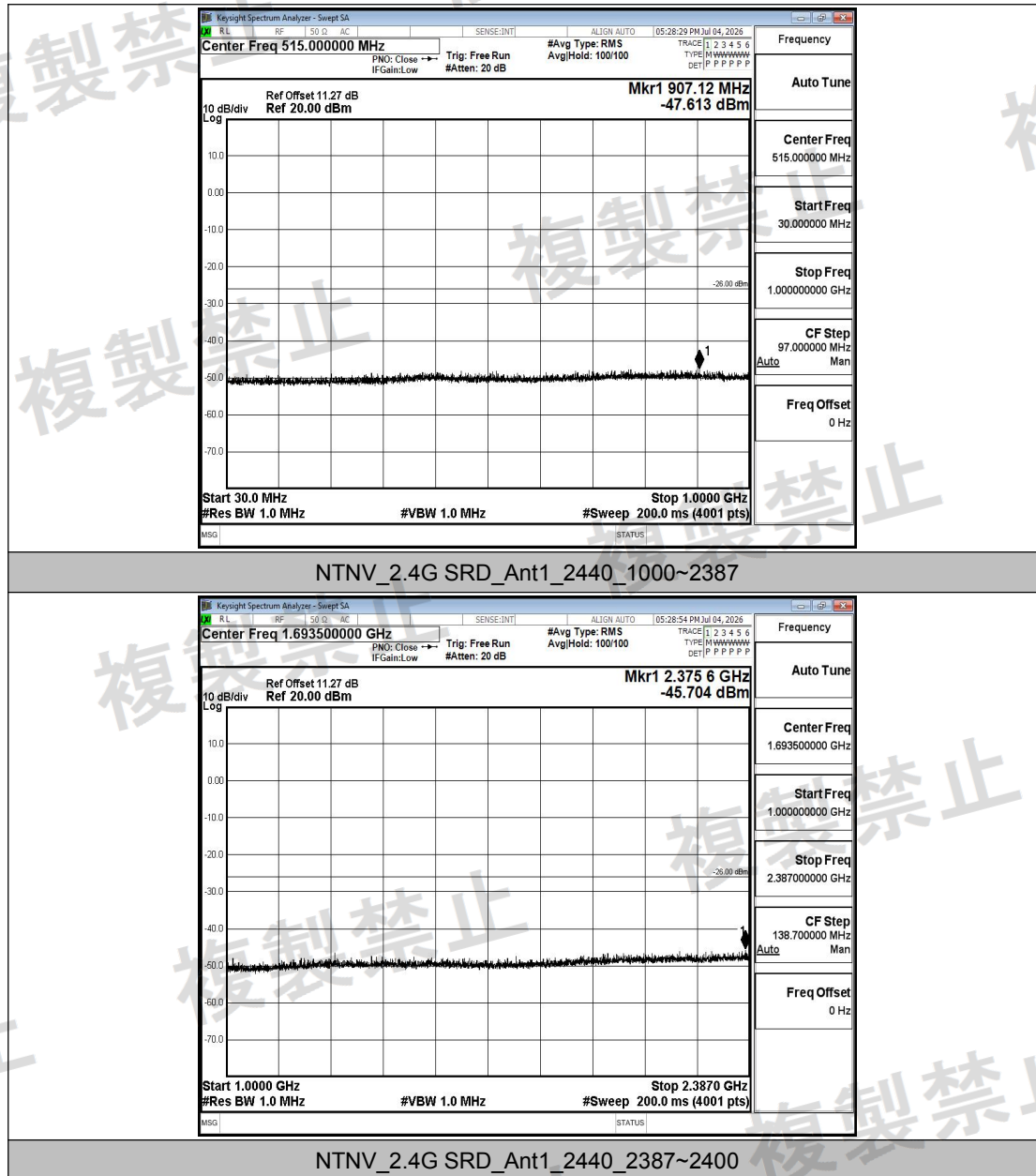


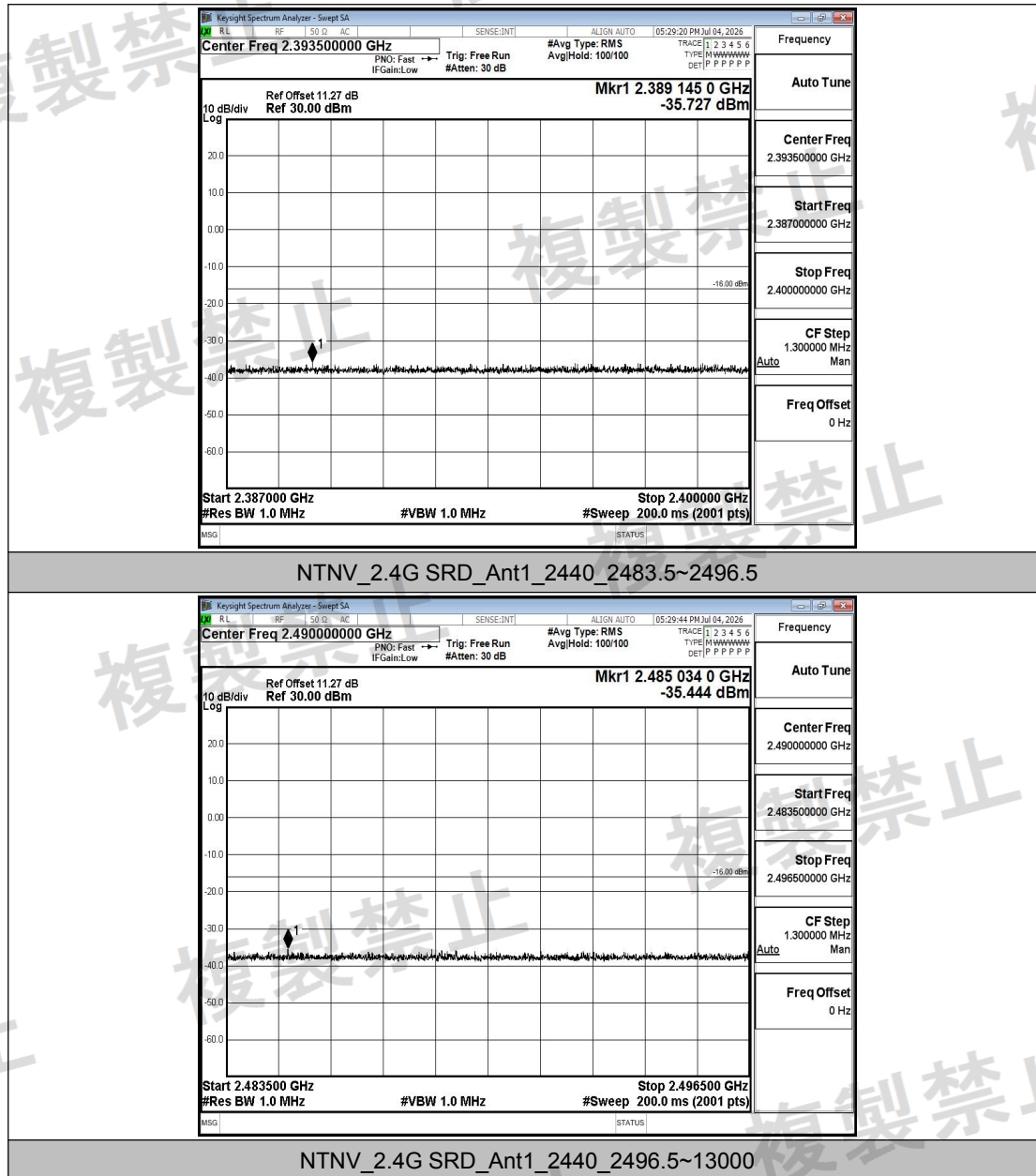


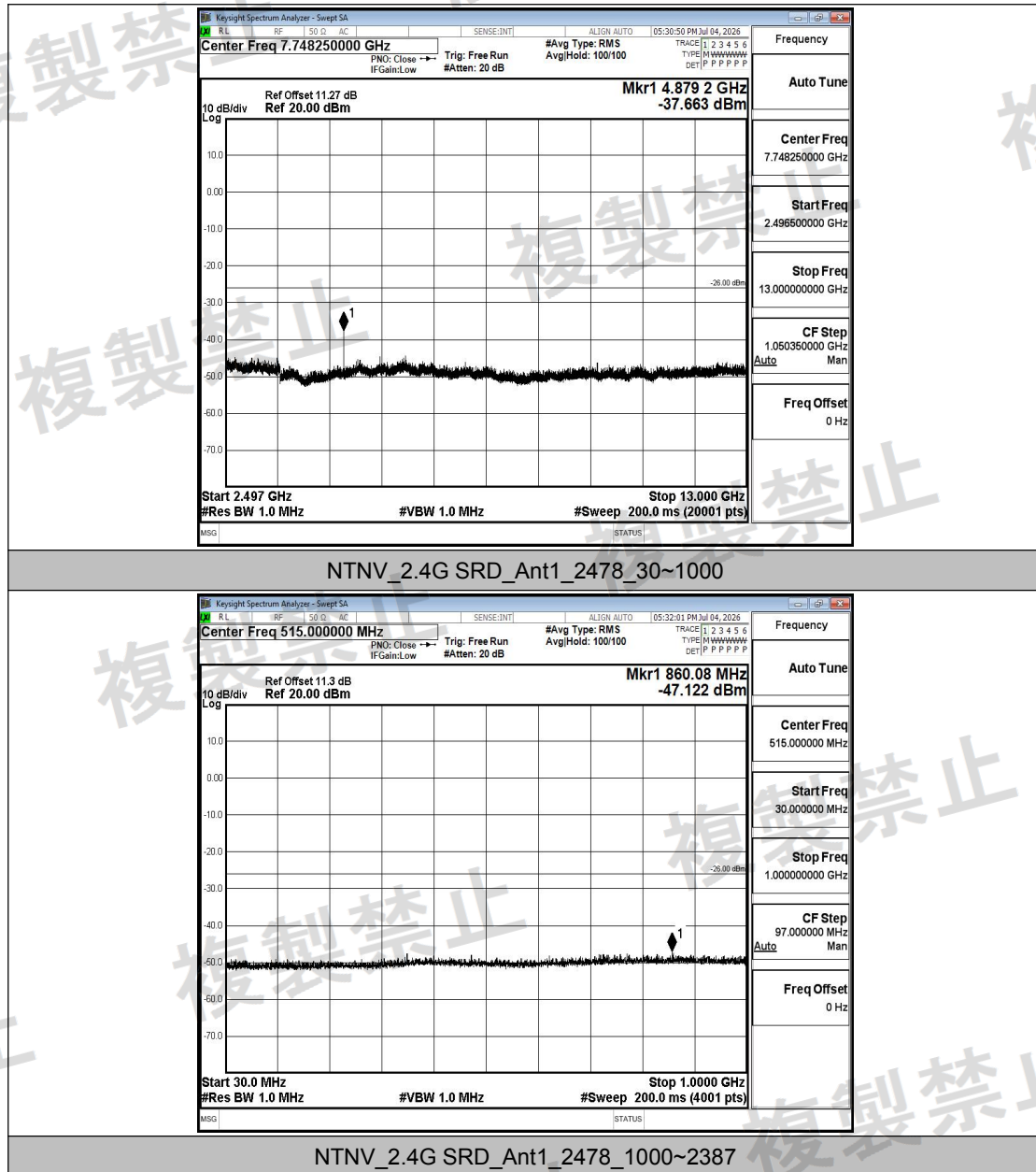
Guangzhou LCS Compliance Testing Laboratory Ltd.

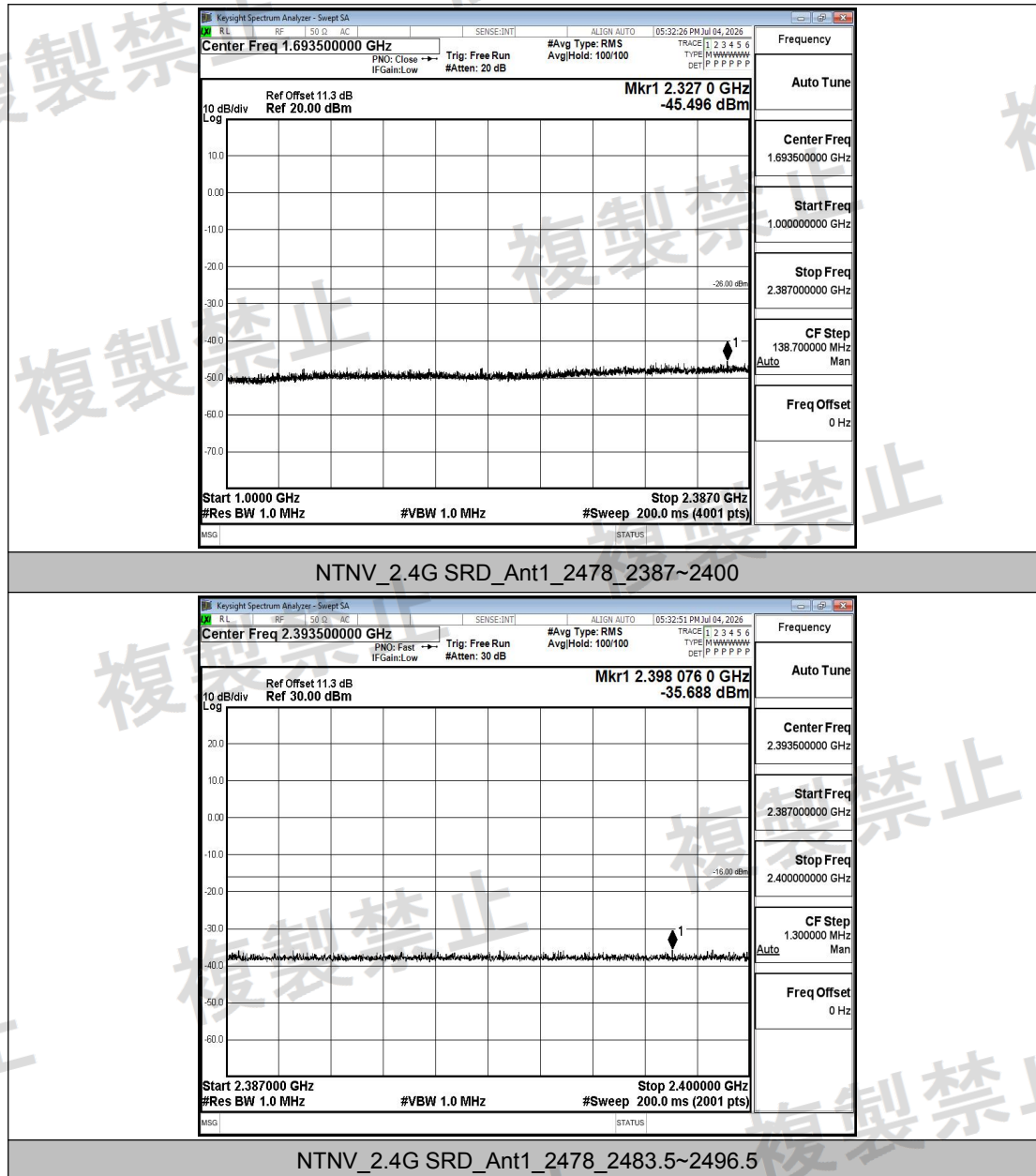
Add: No.44-1, Qianfeng North Road, Shiqi, Panyu District, Guangzhou, Guangdong, China

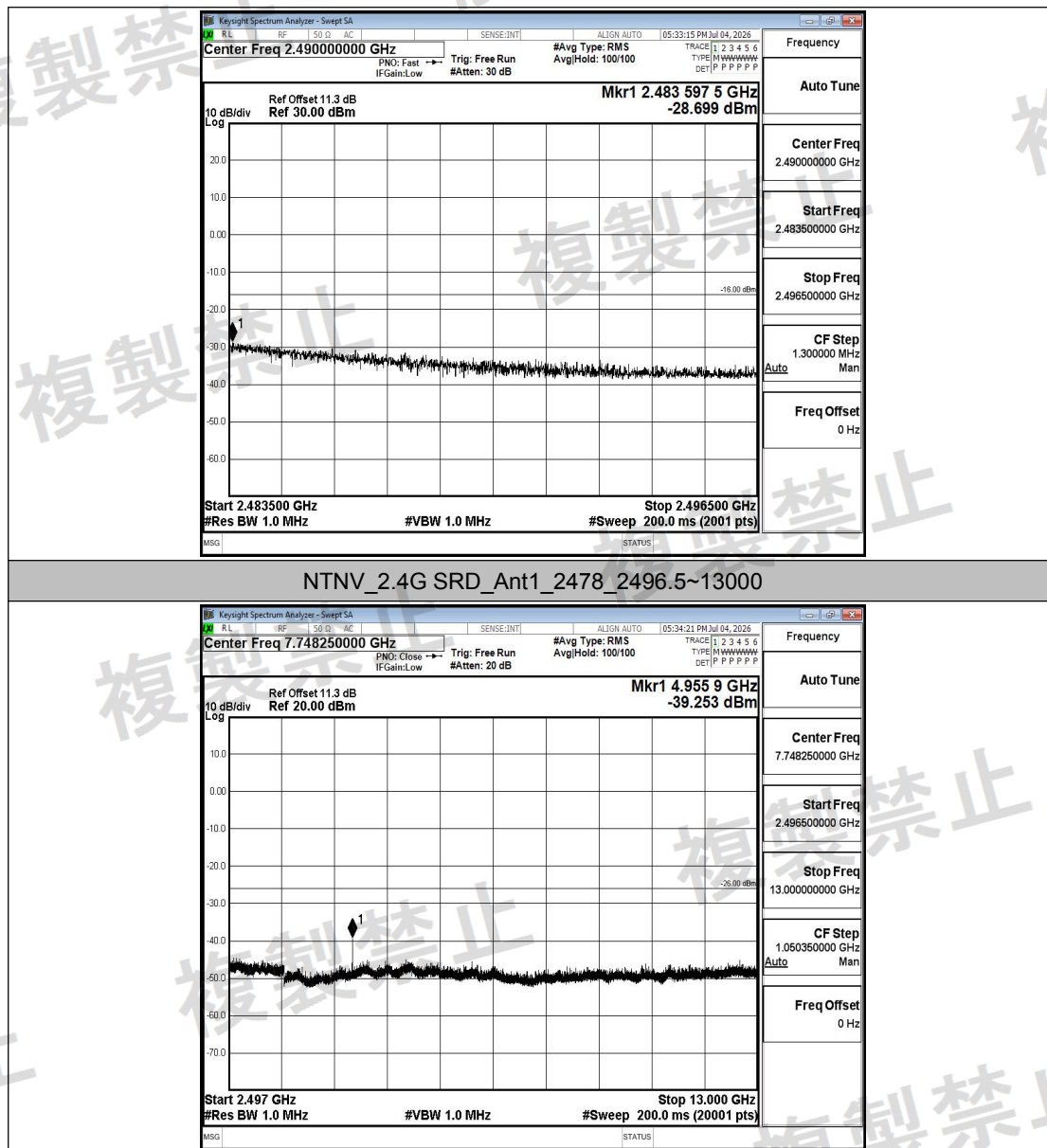
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com











B.6 Spurious Emission of RX

Test Result

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G SRD	Ant1	2402	30~1000	787.09	-79.67	≤-54	0.01079	≤4	PASS
				1000~12500	3034.93	-66.15	≤-47	0.24266	≤20	PASS
			2440	30~1000	403.94	-79.42	≤-54	0.01143	≤4	PASS
				1000~12500	3060.80	-66.27	≤-47	0.23605	≤20	PASS
			2478	30~1000	383.57	-79.39	≤-54	0.01151	≤4	PASS
				1000~12500	2366.20	-66.08	≤-47	0.24660	≤20	PASS

Test Graphs

