

Appendix A for 2.4G Test Data

Product Name: Mini Car PCB module TX (Tank)

Test Model: Z6755TX-FB

Environmental Conditions

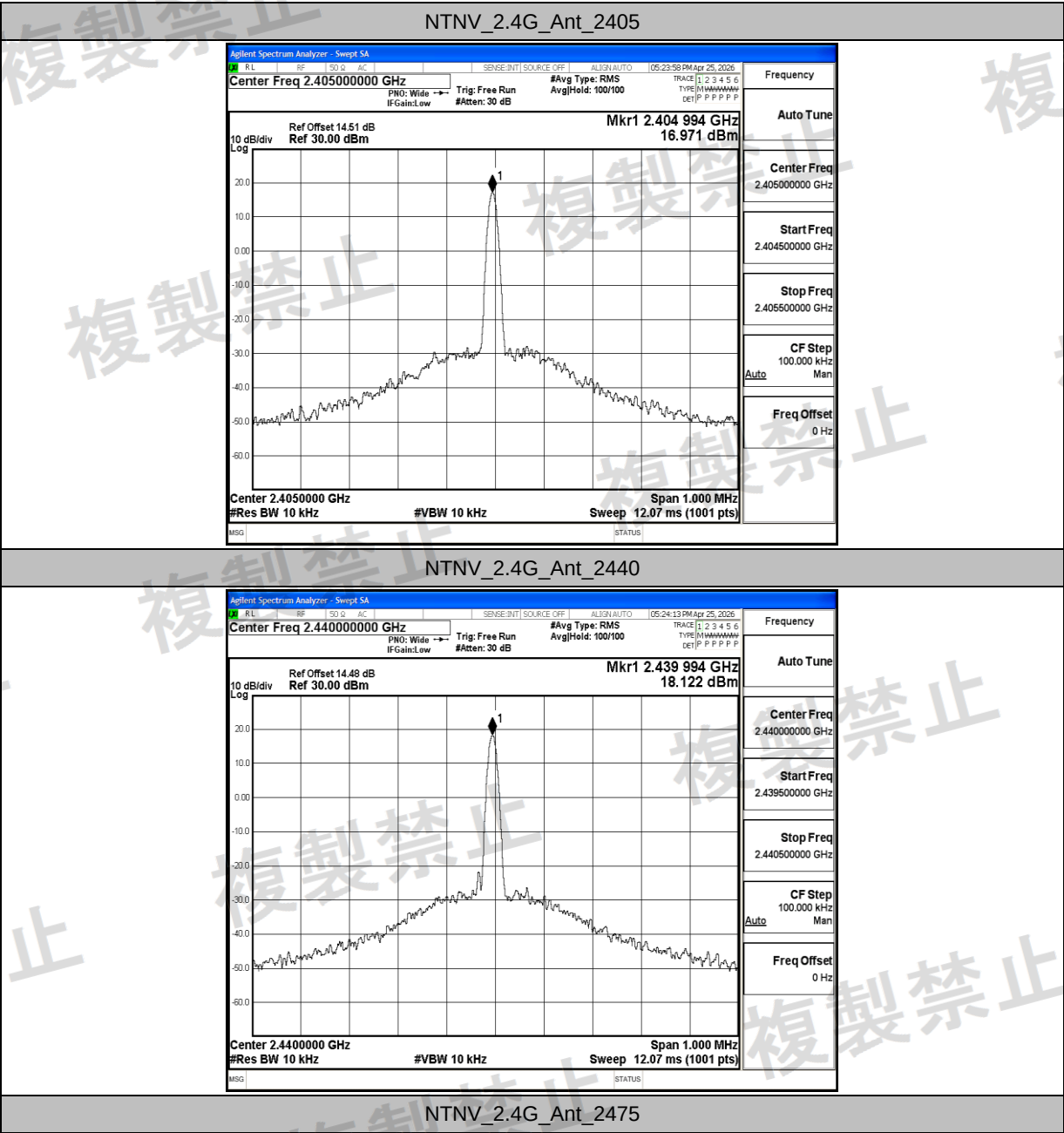
Temperature:	24.1°C
Relative Humidity:	52.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Zhang Hai
Supervised by:	Fengliu Tang

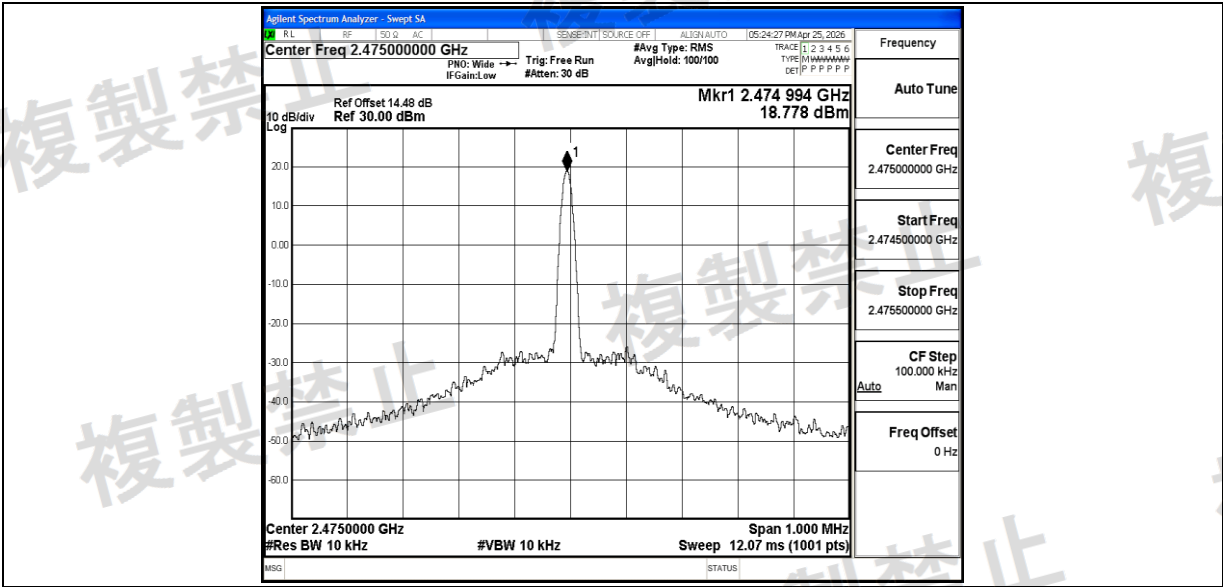
A.1 Frequency_Error

Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	Frequency_Error	Ant	2405	-2.49480	±50	PASS
			2440	-2.45902	±50	PASS
			2475	-2.42424	±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	Ant	2405	2.55	1.7989	≤10	PASS
			2440	2.80	1.9055	≤10	PASS
			2475	2.73	1.8750	≤10	PASS

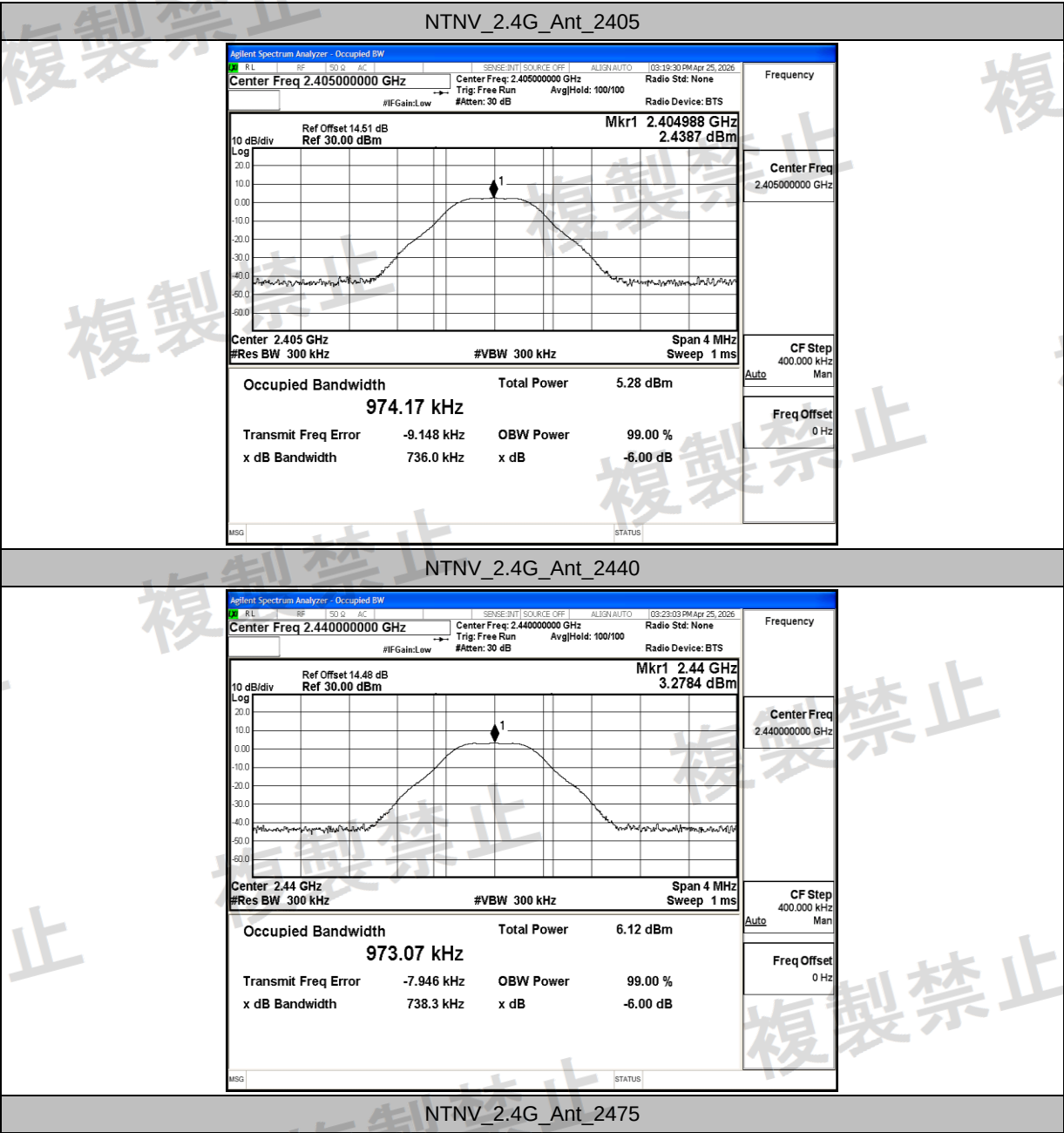
Tolerance								
Test Condition	Test Mode	Antenna	Frequency [MHz]	Power (mW)	RatedPower (mW)	Result (%)	Limit (%)	Verdict
NTNV	2.4G	Ant	2405	1.7989	2	-10.06	+20	PASS
			2440	1.9055	2	-4.73	+20	PASS
			2475	1.8750	2	-6.25	+20	PASS

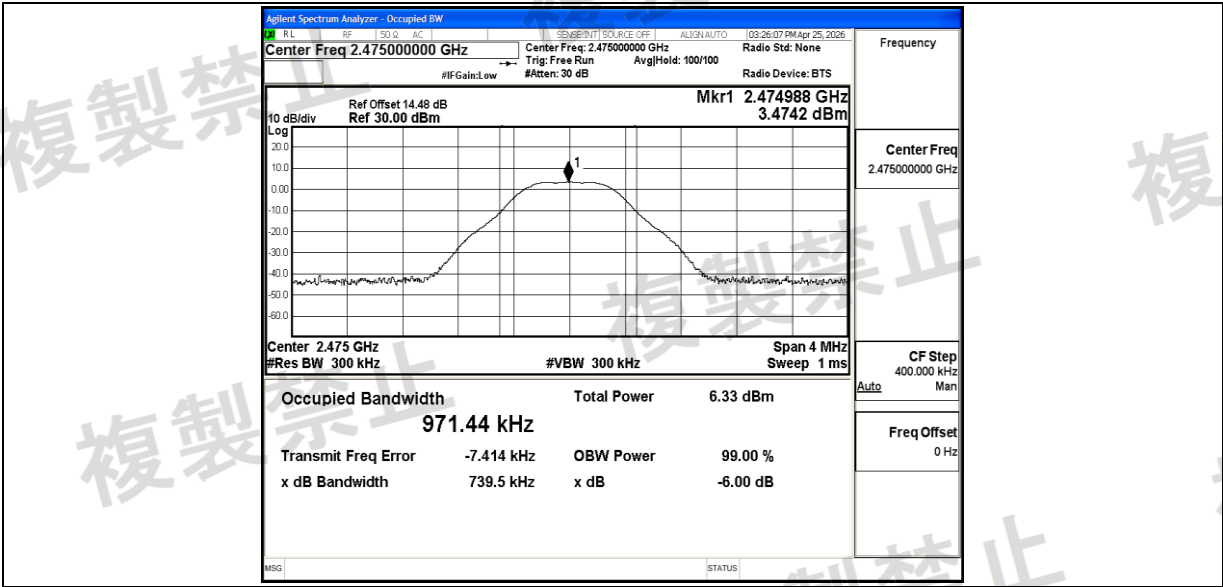
A.3 Occupied Bandwidth

Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	2.4G	Ant	2405	0.974	≤26	PASS
			2440	0.973	≤26	PASS
			2475	0.971	≤26	PASS

Test Graphs



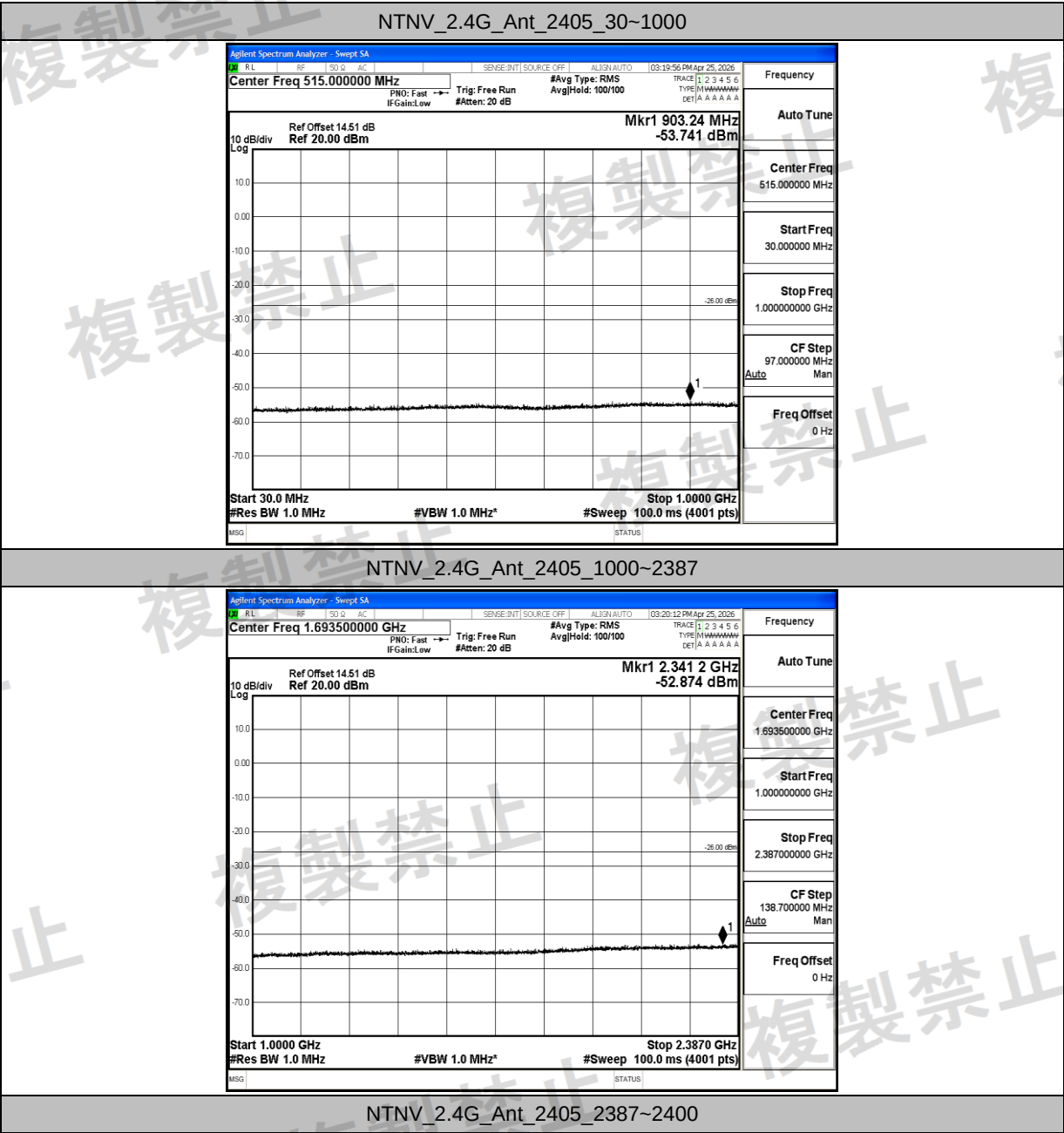


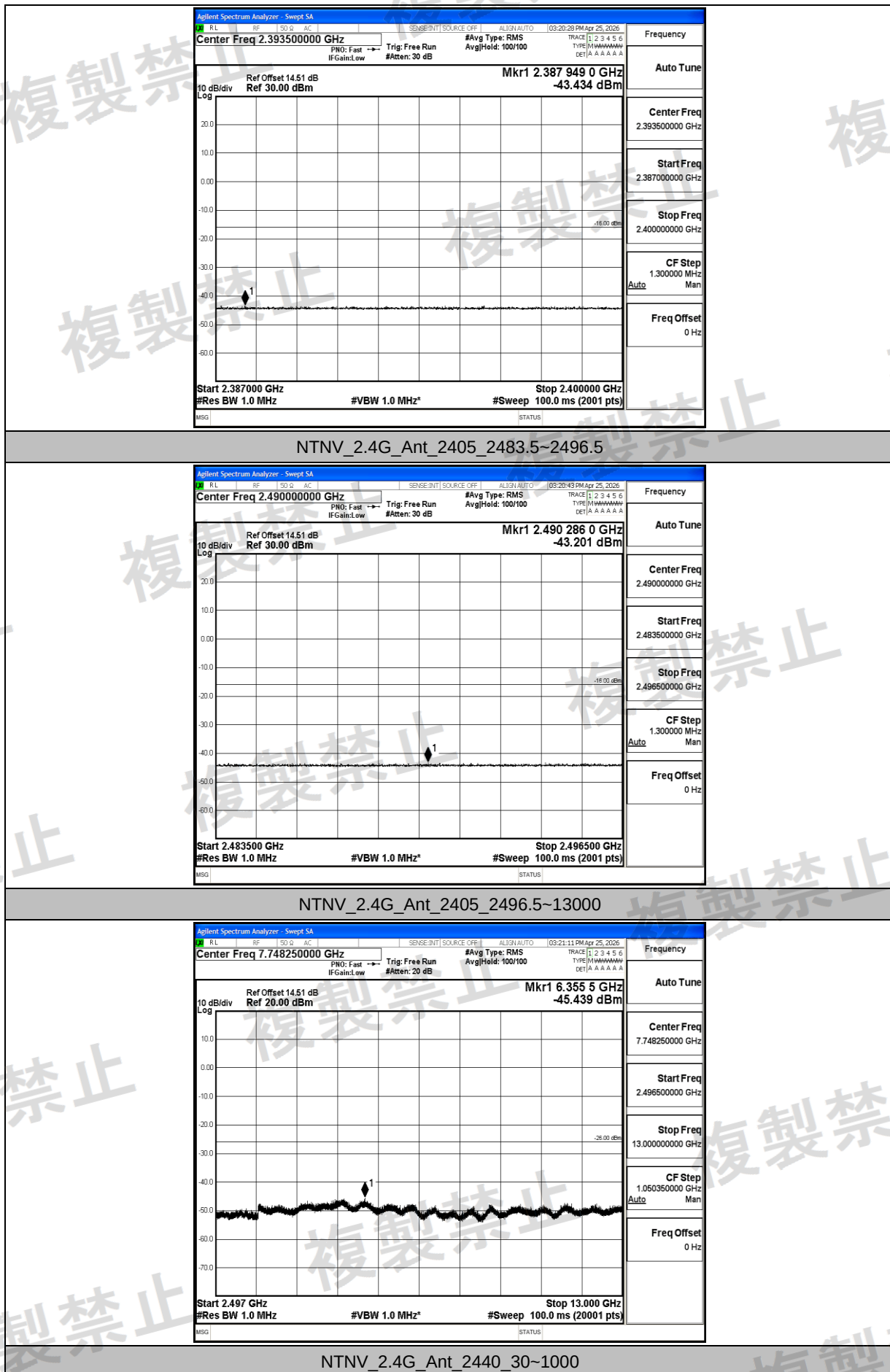
A.4 Spurious Emission of TX

Test Result

TestCondition	TestMode	Antenna	Frequency[MHz]	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	2.4G	Ant	2405	30~1000	-53.74	≤-26	0.00423	≤2.5	PASS
				1000~2387	-52.87	≤-26	0.00516	≤2.5	PASS
				2387~2400	-43.43	≤-16	0.04539	≤25	PASS
				2483.5~2496.5	-43.20	≤-16	0.04786	≤25	PASS
				2496.5~13000	-45.44	≤-26	0.02858	≤2.5	PASS
			2440	30~1000	-54.18	≤-26	0.00382	≤2.5	PASS
				1000~2387	-52.65	≤-26	0.00543	≤2.5	PASS
				2387~2400	-43.35	≤-16	0.04624	≤25	PASS
				2483.5~2496.5	-28.91	≤-16	1.28529	≤25	PASS
				2496.5~13000	-45.32	≤-26	0.02938	≤2.5	PASS
			2475	30~1000	-53.93	≤-26	0.00405	≤2.5	PASS
				1000~2387	-52.88	≤-26	0.00515	≤2.5	PASS
				2387~2400	-43.54	≤-16	0.04426	≤25	PASS
				2483.5~2496.5	-43.18	≤-16	0.04808	≤25	PASS
				2496.5~13000	-45.18	≤-26	0.03034	≤2.5	PASS

Test Graphs

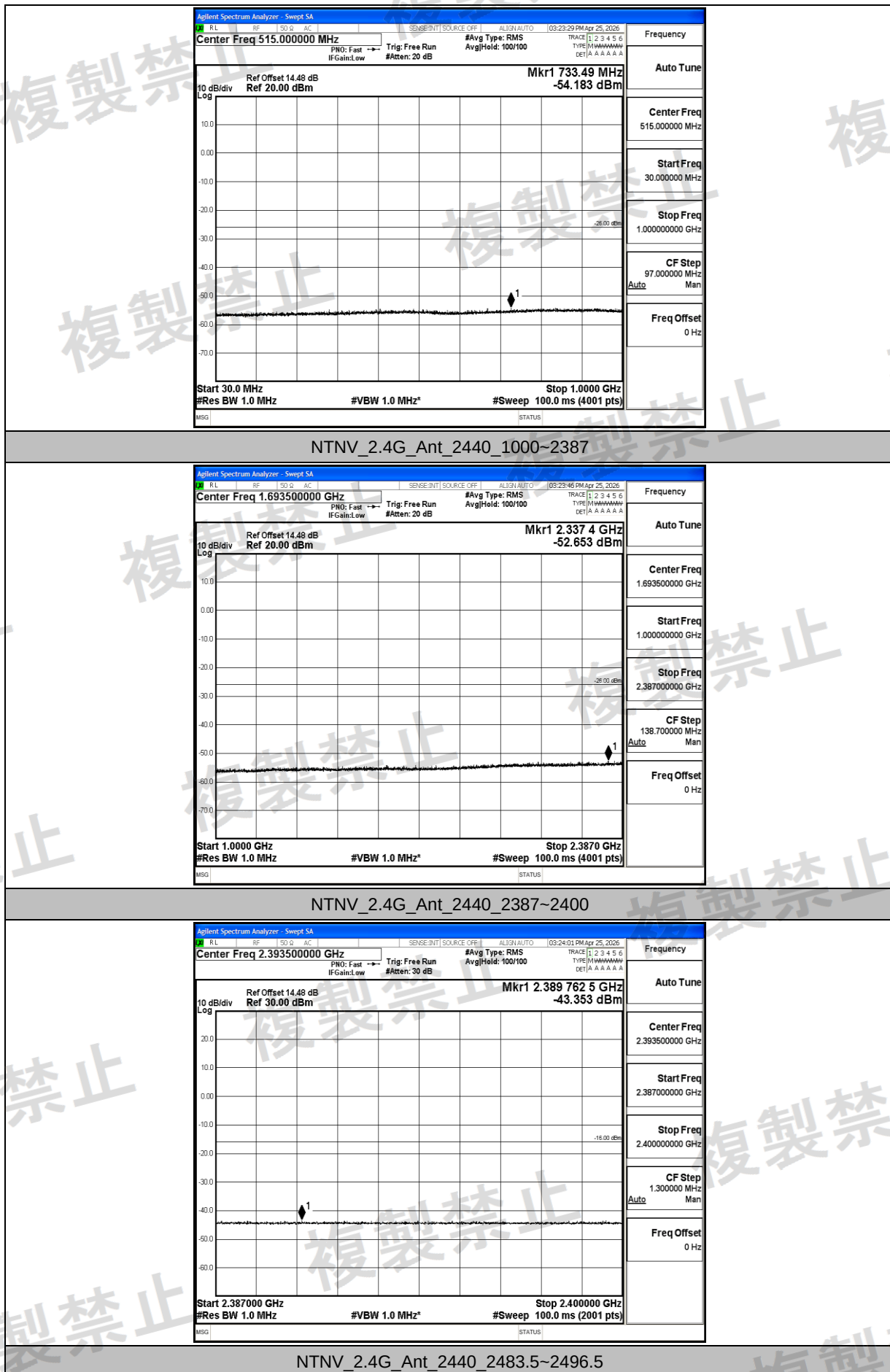




Guangzhou LCS Compliance Testing Laboratory Ltd.

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

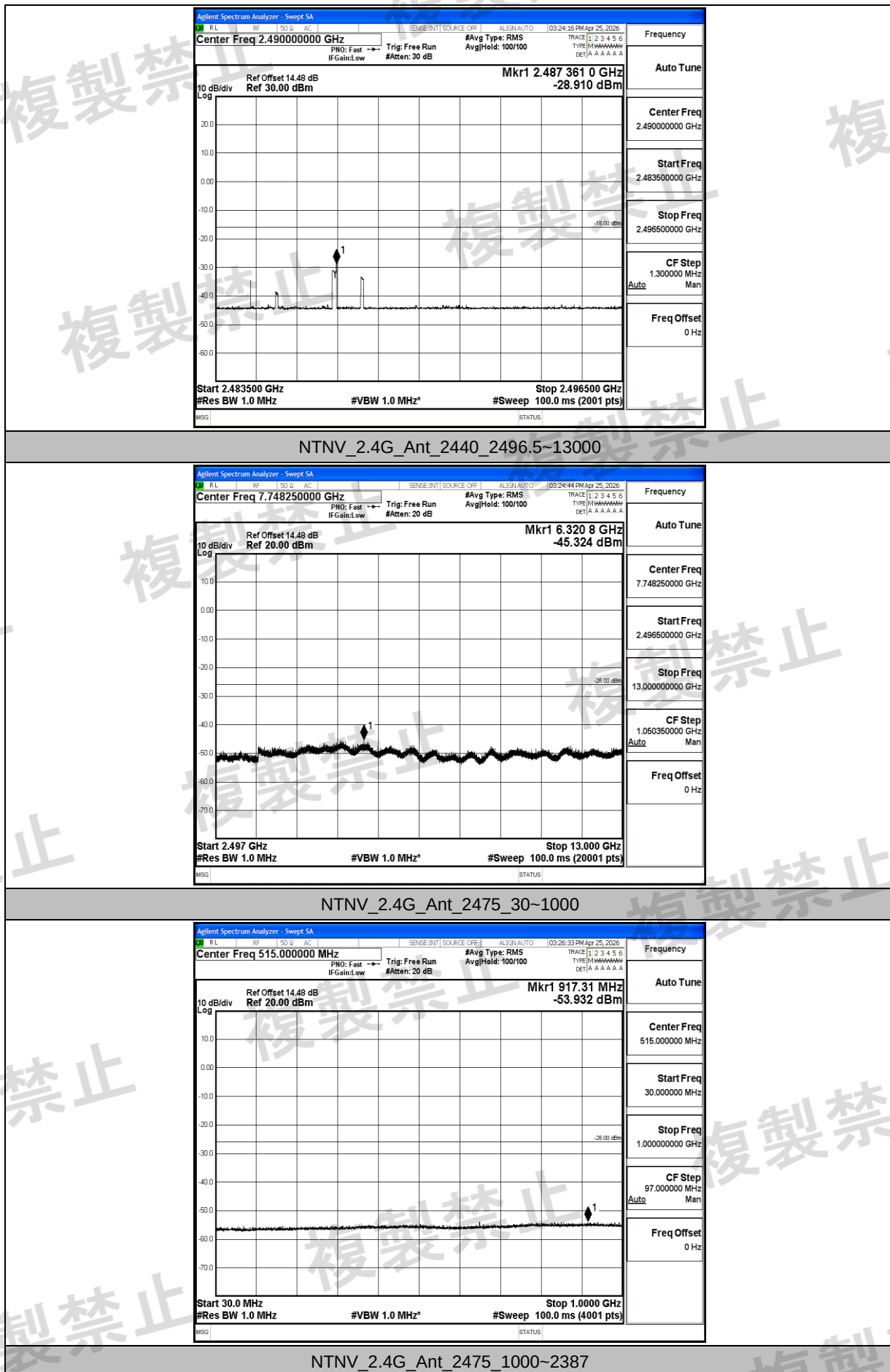
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com



Guangzhou LCS Compliance Testing Laboratory Ltd.

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

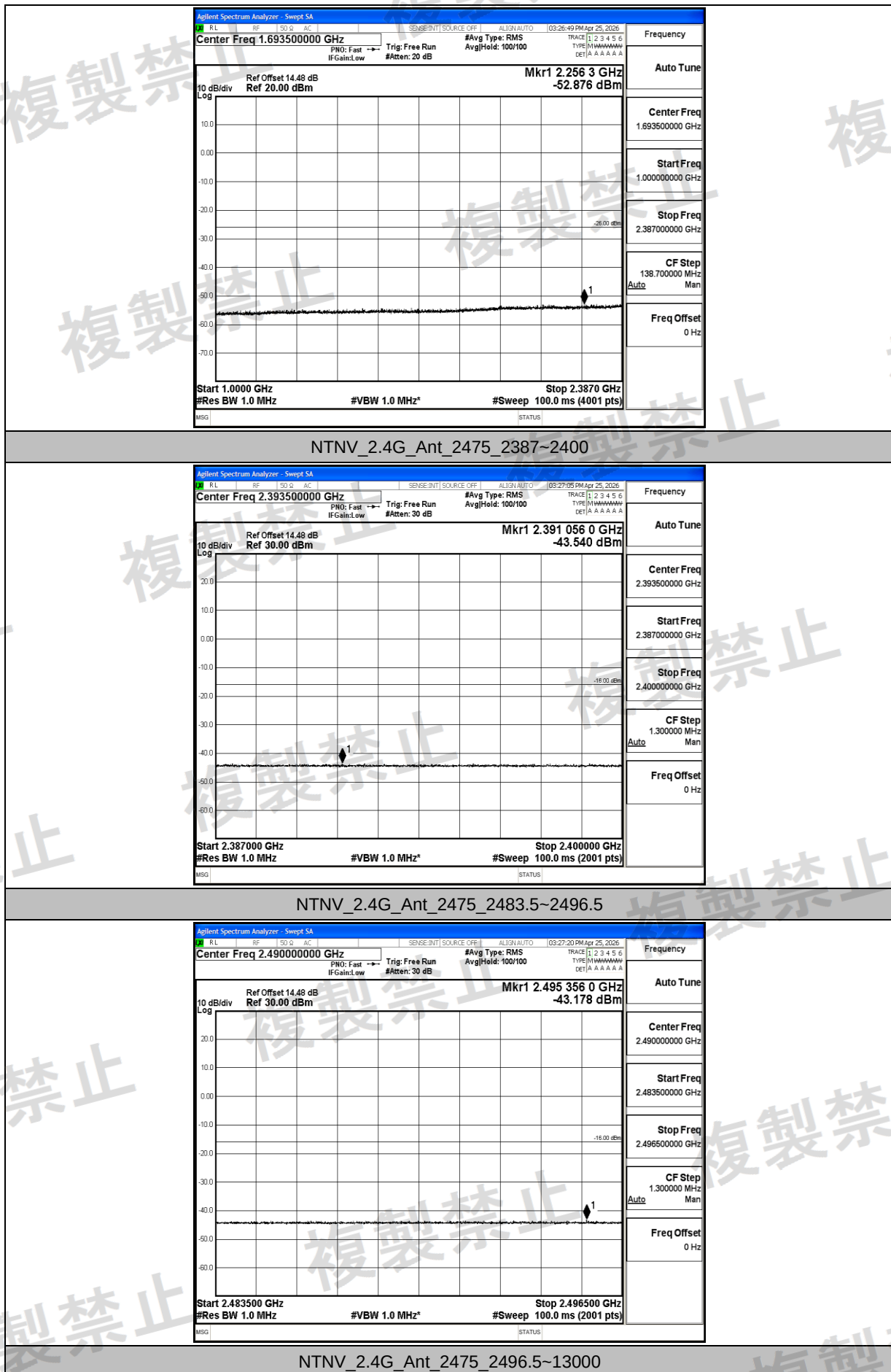
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com



Guangzhou LCS Compliance Testing Laboratory Ltd.

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

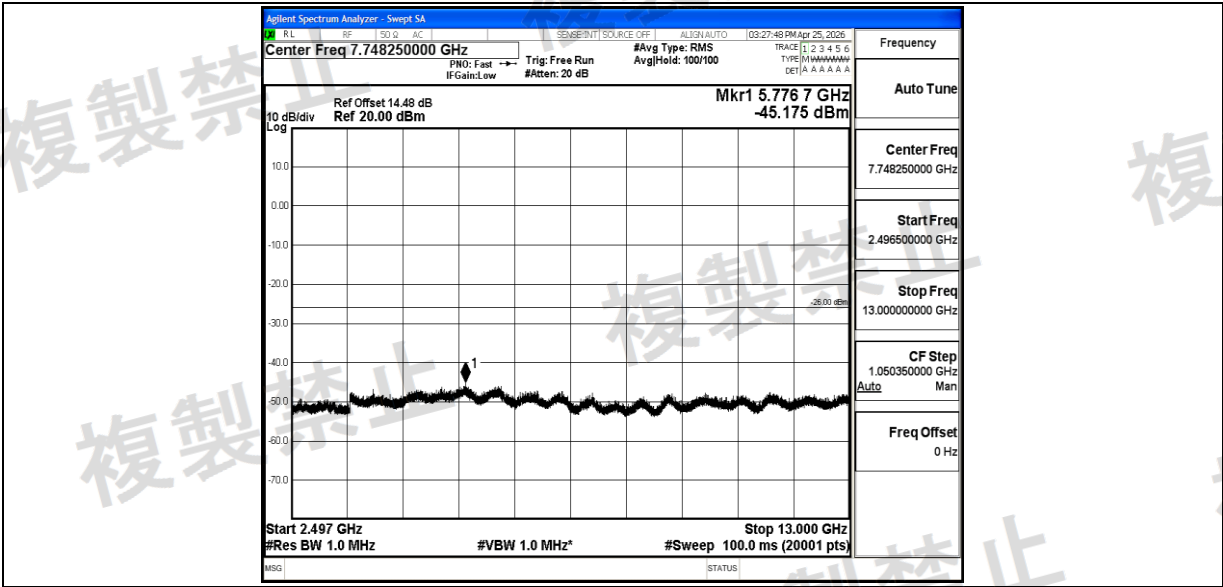
Tel: +(86) 020-39166689 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com



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



A.5 Spurious Emission of RX

Test Result

TestCon dition	TestMod e	Antenna	Frequen cy[MHz]	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	2.4G	Ant	2405	30~1000	-84	≤-54	0.00398	≤4	PASS
				1000~12500	-66.48	≤-47	0.22491	≤20	PASS
			2440	30~1000	-84.06	≤-54	0.00393	≤4	PASS
				1000~12500	-66.96	≤-47	0.20137	≤20	PASS
			2475	30~1000	-83.89	≤-54	0.00408	≤4	PASS
				1000~12500	-67.17	≤-47	0.19187	≤20	PASS

Test Graphs

