



Appendix B for BT LE Test Data

Product Name: いびき対策枕 シレア

Test Model: 856410-0000

Environmental Conditions

Temperature:	23.5°C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Jerry Chu
Supervised by:	Paddi Chen



Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity



B.1 Frequency Error

Test Result

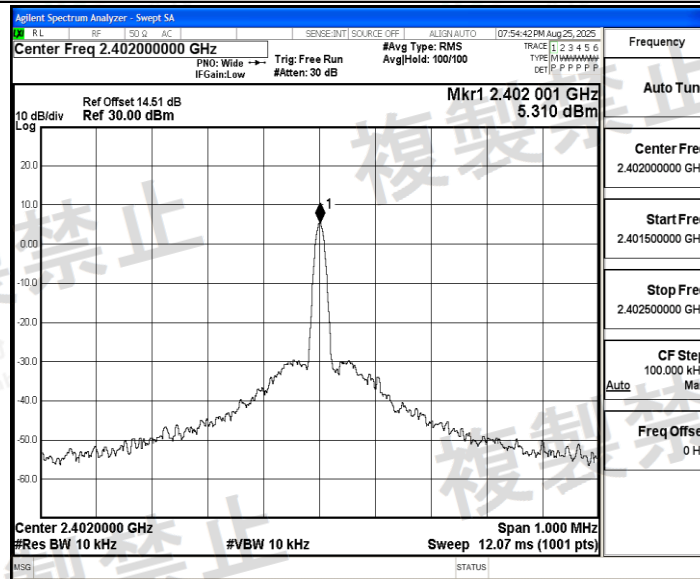
TestCondition	TestMode	Antenna	Frequency [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	Frequency Error	Ant1	2402	0.41632	±50	PASS
			2440	0.40984	±50	PASS
			2480	0.40323	±50	PASS



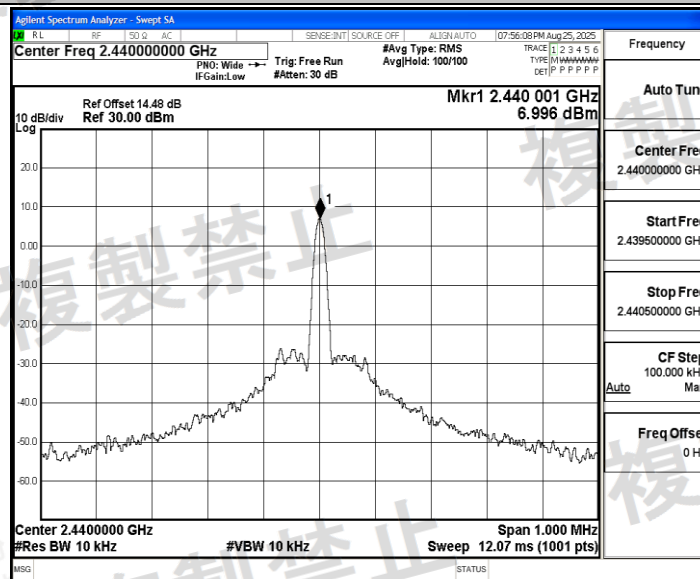


Test Graphs

NTNV_Ant1_2402

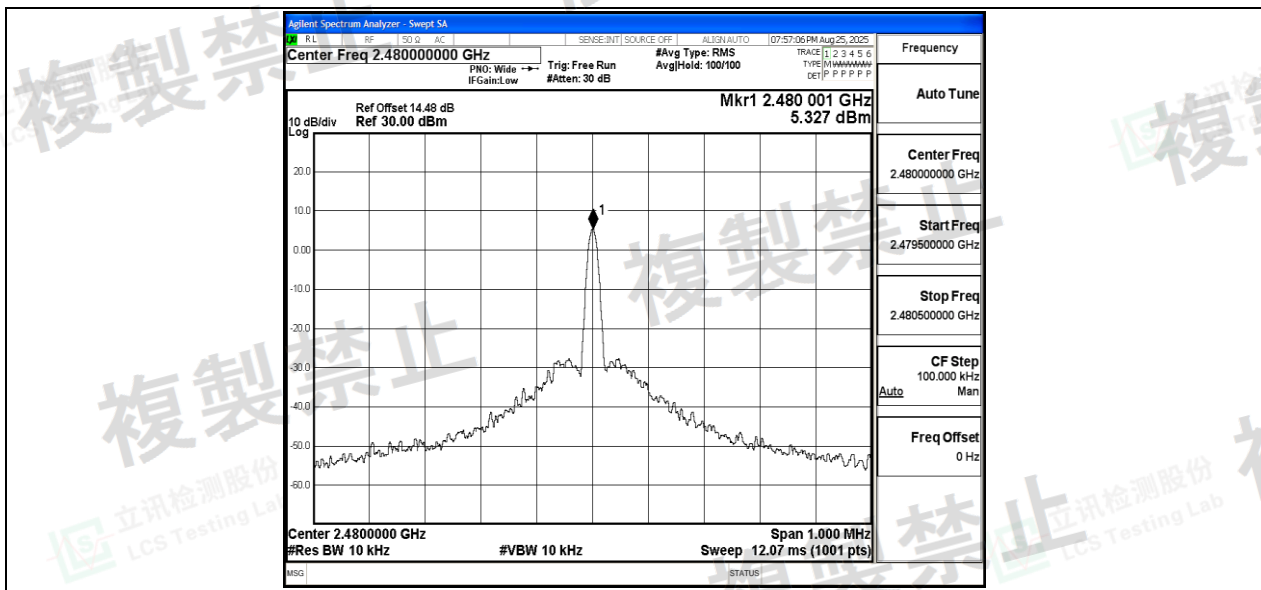


NTNV_Ant1_2440



NTNV_Ant1_2480







B.2 Antenna Power

Antenna Power							
TestCondition	TestMode	Antenna	Frequency [MHz]	Result [dBm]	Result [mW]	Limit [mW]	Verdict
NTNV	BLE_1M	Ant1	2402	-0.68	0.8551	≤10	PASS
			2440	-0.36	0.9204	≤10	PASS
			2480	-0.51	0.8892	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Frequency [MHz]	Power [mW]	Rated Power [mW]	Result [%]	Limit [%]	Verdict
NTNV	BLE_1M	Ant1	2402	0.8551	1	-14.49	+20	PASS
			2440	0.9204	1	-7.96	+20	PASS
			2480	0.8892	1	-11.08	+20	PASS





B.3 Occupied Bandwidth

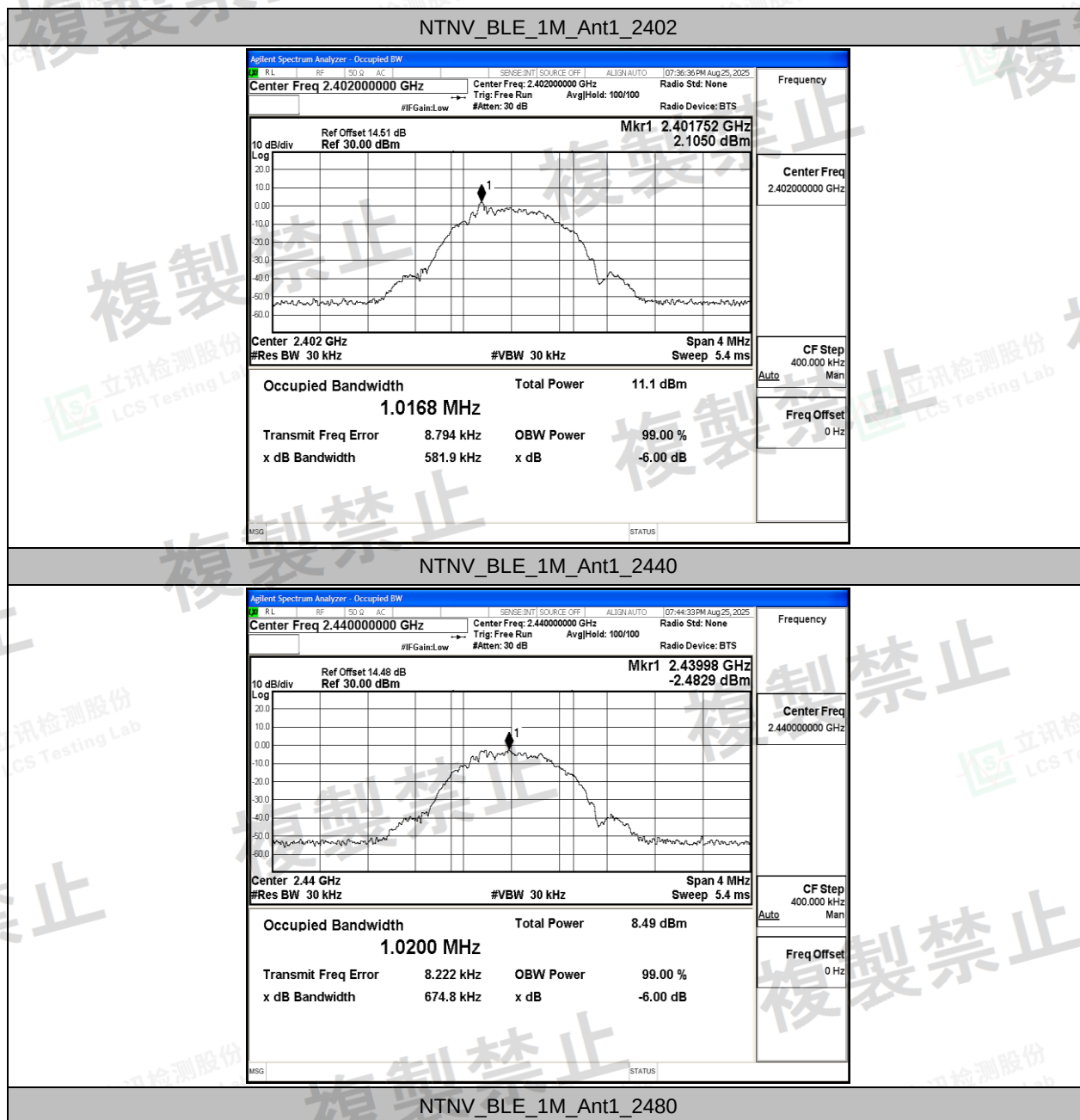
Test Result

TestCondition	TestMode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.017	≤26	PASS
			2440	1.020	≤26	PASS
			2480	1.019	≤26	PASS





Test Graphs

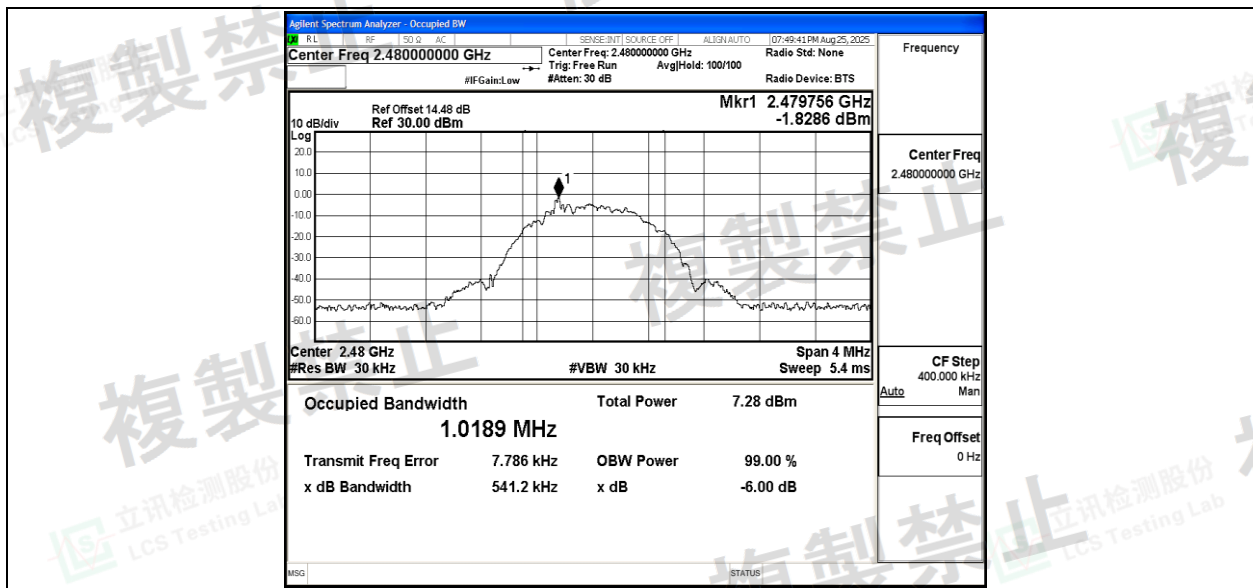


Shenzhen LCS Compliance Testing Laboratory Ltd.

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

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

Scan code to check authenticity





B.4 Spread Bandwidth

Test Result

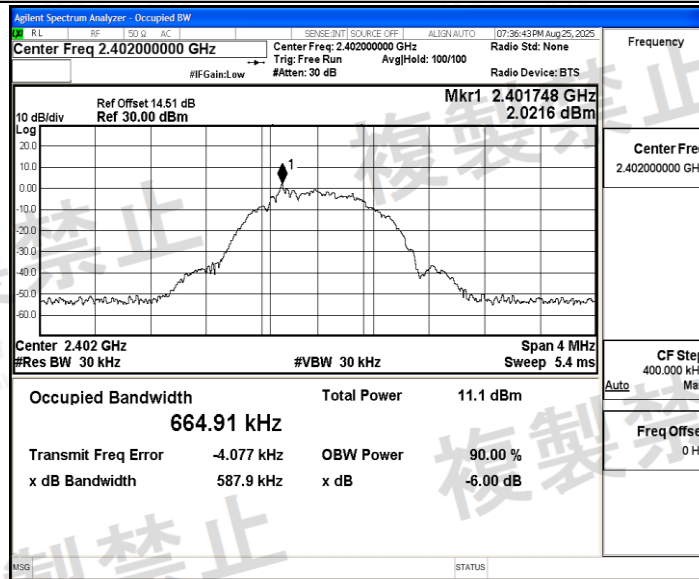
TestCondition	TestMode	Antenna	Frequency [MHz]	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE	Ant1	2402	0.665	----	PASS
			2440	0.665	----	PASS
			2480	0.664	----	PASS



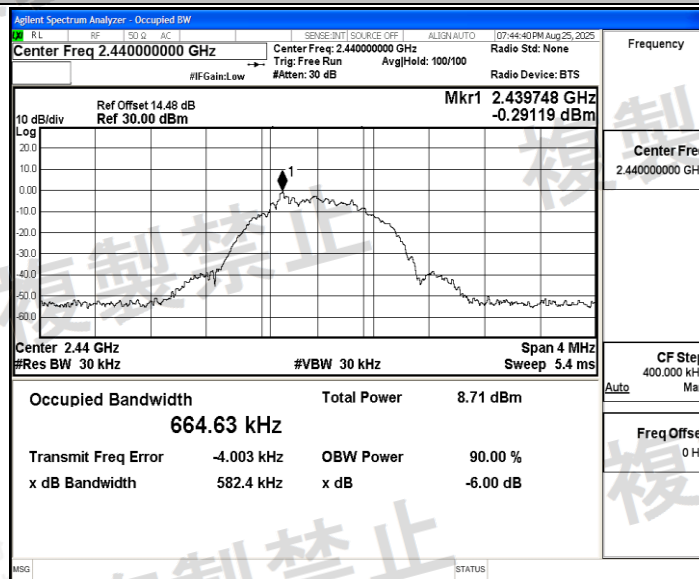


Test Graphs

NTNV_BLE_Ant1_2402

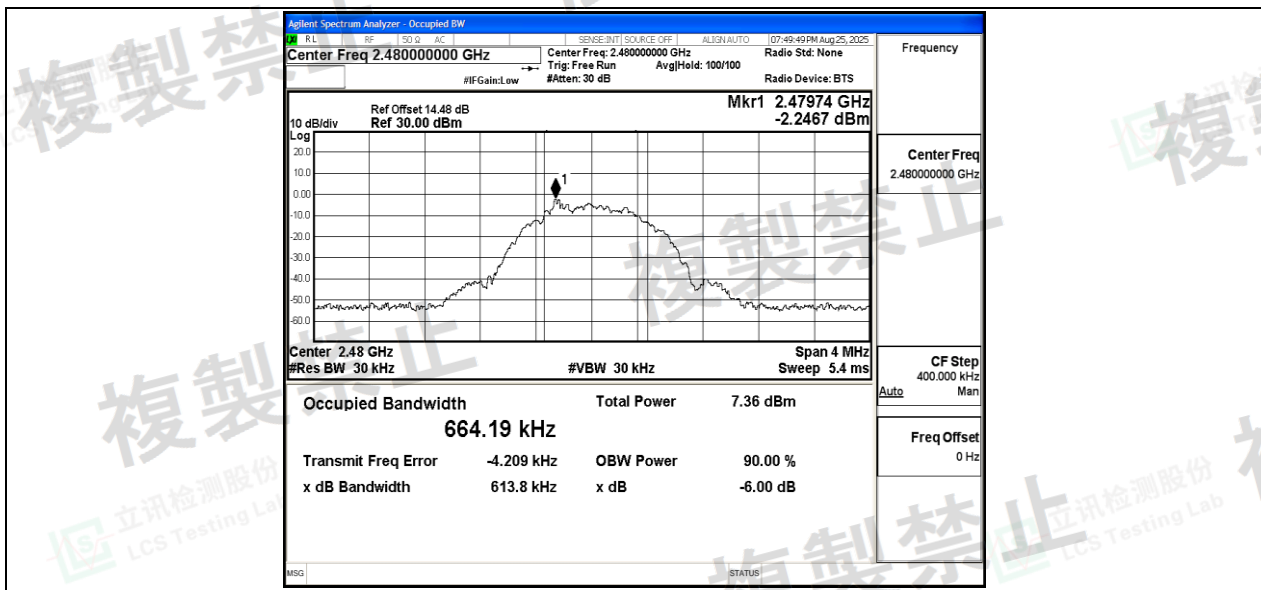


NTNV_BLE_Ant1_2440



NTNV_BLE_Ant1_2480







B.5 Spurious Emission of TX

Test Result

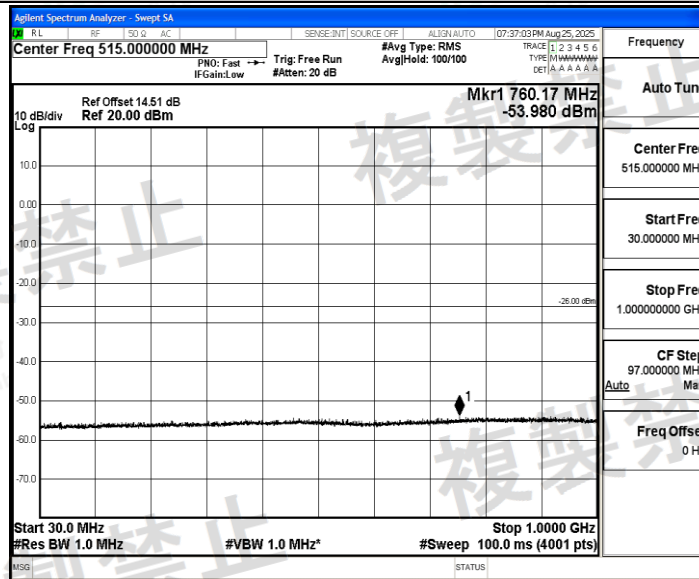
TestCondition	TestMode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [μW]	Limit [μW]	Verdict
NTNV	BLE	Ant1	2402	30~1000	-53.98	≤-26	0.00400	≤2.5	PASS
				1000~2387	-51.23	≤-26	0.00753	≤2.5	PASS
				2387~2400	-38.10	≤-16	0.15488	≤25	PASS
				2483.5~2496.5	-42.66	≤-16	0.05420	≤25	PASS
				2496.5~13000	-45.61	≤-26	0.02748	≤2.5	PASS
			2440	30~1000	-53.59	≤-26	0.00438	≤2.5	PASS
				1000~2387	-52.66	≤-26	0.00542	≤2.5	PASS
				2387~2400	-43.48	≤-16	0.04487	≤25	PASS
				2483.5~2496.5	-43.27	≤-16	0.04710	≤25	PASS
				2496.5~13000	-45.15	≤-26	0.03055	≤2.5	PASS
			2480	30~1000	-53.83	≤-26	0.00414	≤2.5	PASS
				1000~2387	-52.61	≤-26	0.00548	≤2.5	PASS
				2387~2400	-43.30	≤-16	0.04677	≤25	PASS
				2483.5~2496.5	-42.96	≤-16	0.05058	≤25	PASS
				2496.5~13000	-45.67	≤-26	0.02710	≤2.5	PASS



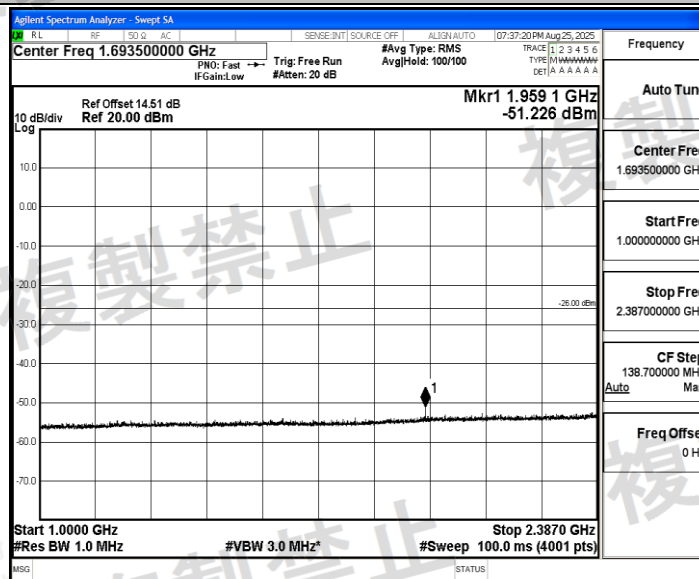


Test Graphs

NTNV_BLE_Ant1_2402_30~1000

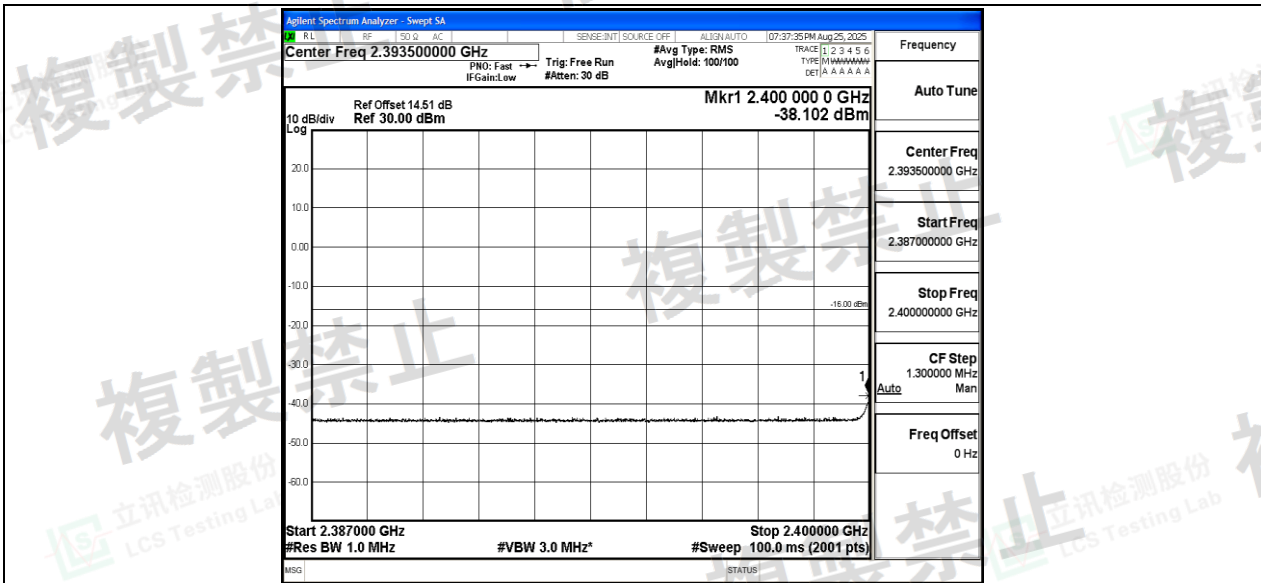


NTNV_BLE_Ant1_2402_1000~2387

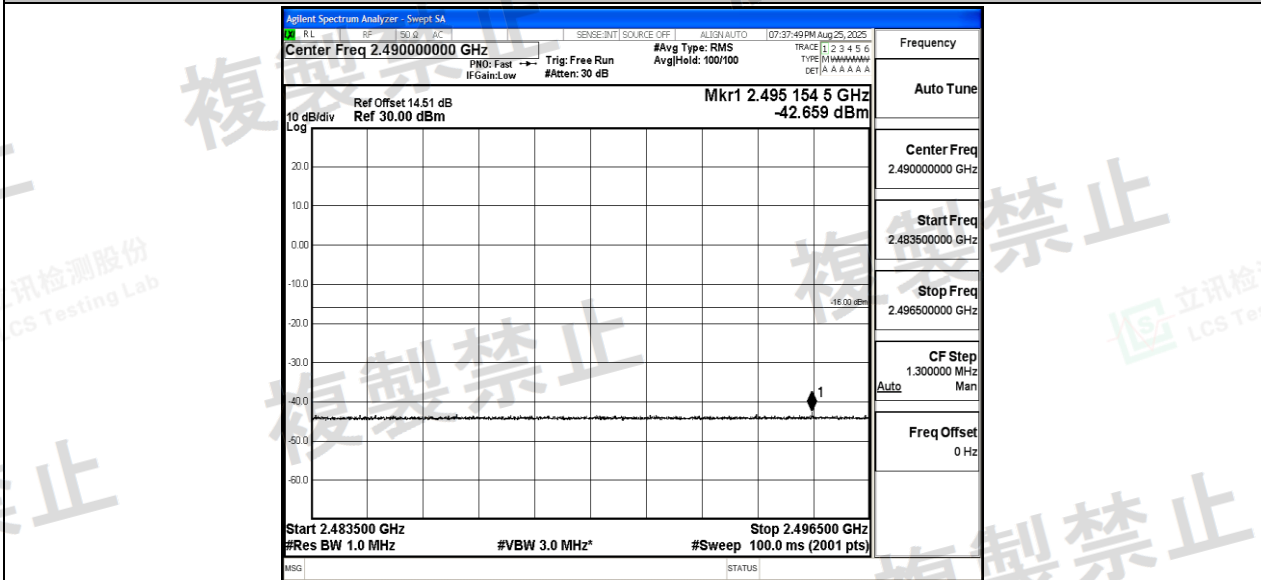


NTNV_BLE_Ant1_2402_2387~2400

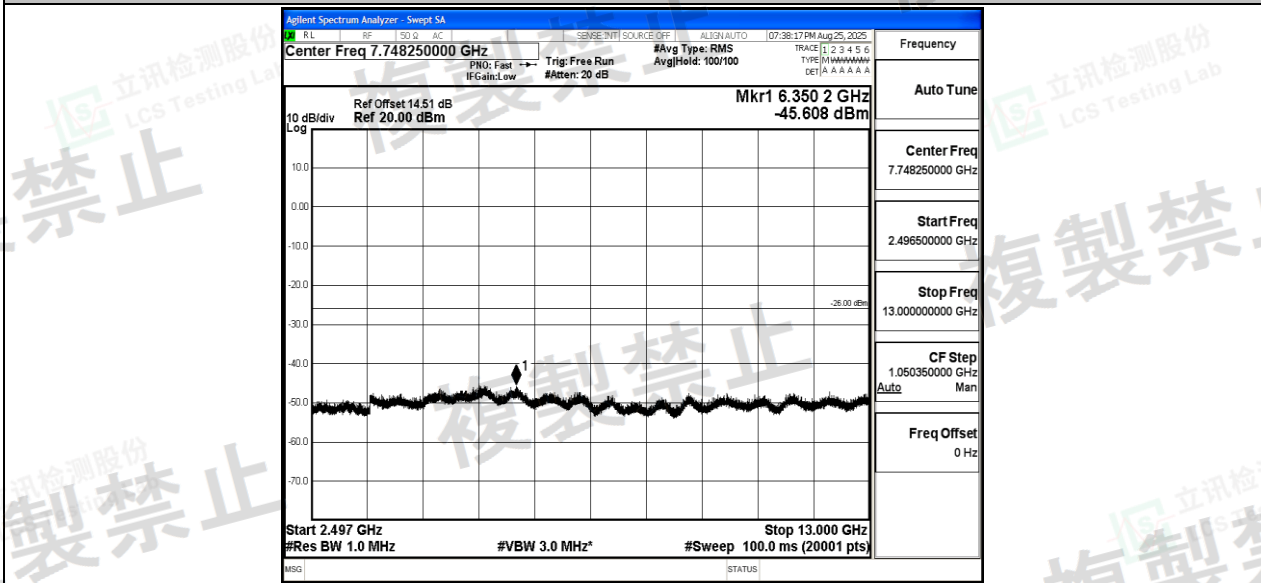


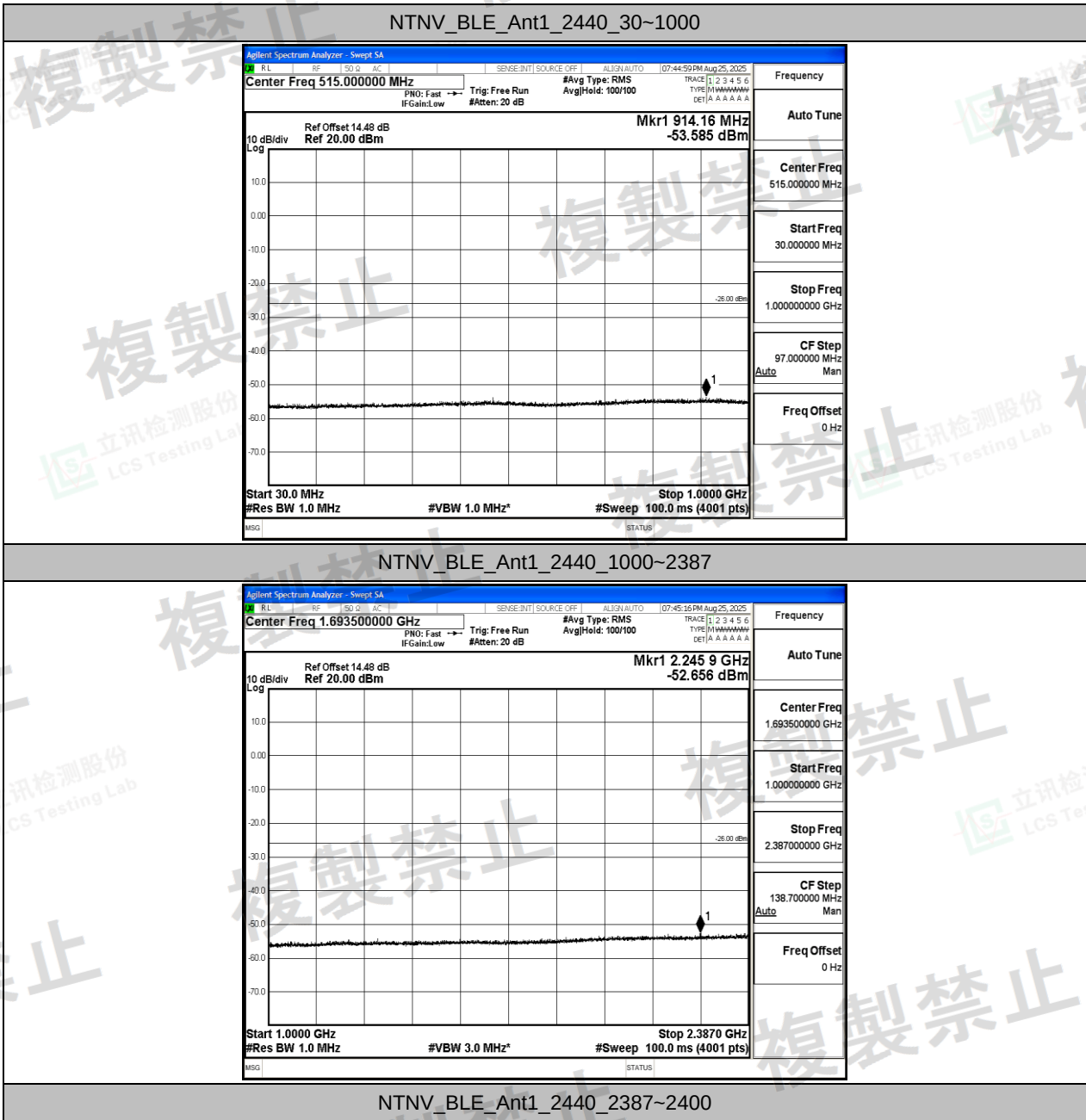


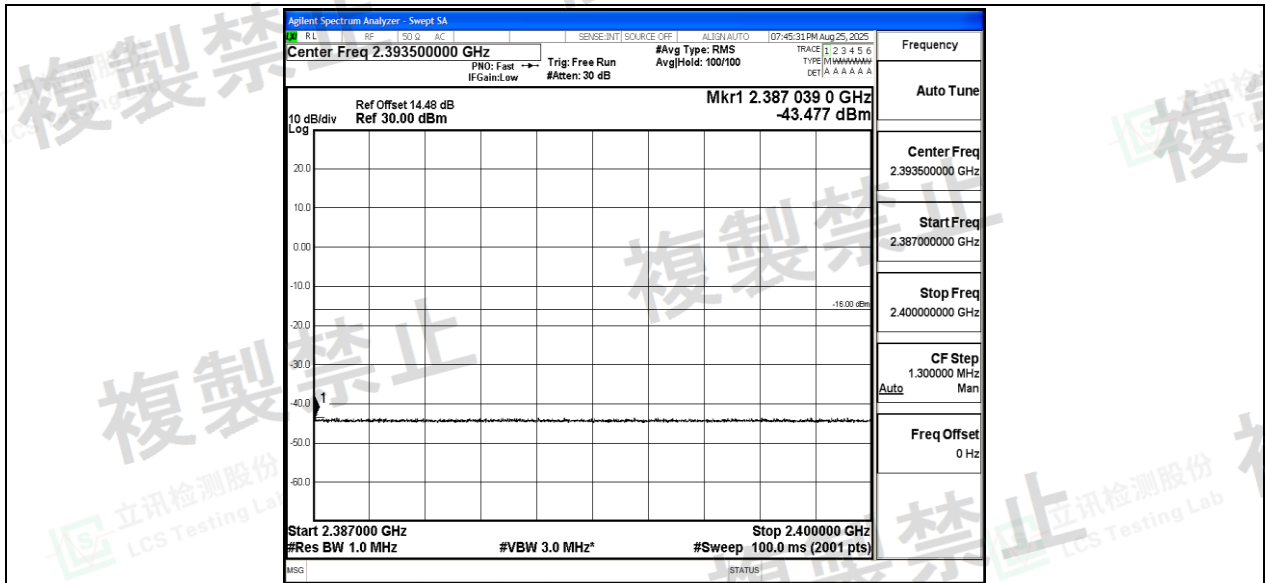
NTNV_BLE_Ant1_2402_2483.5~2496.5



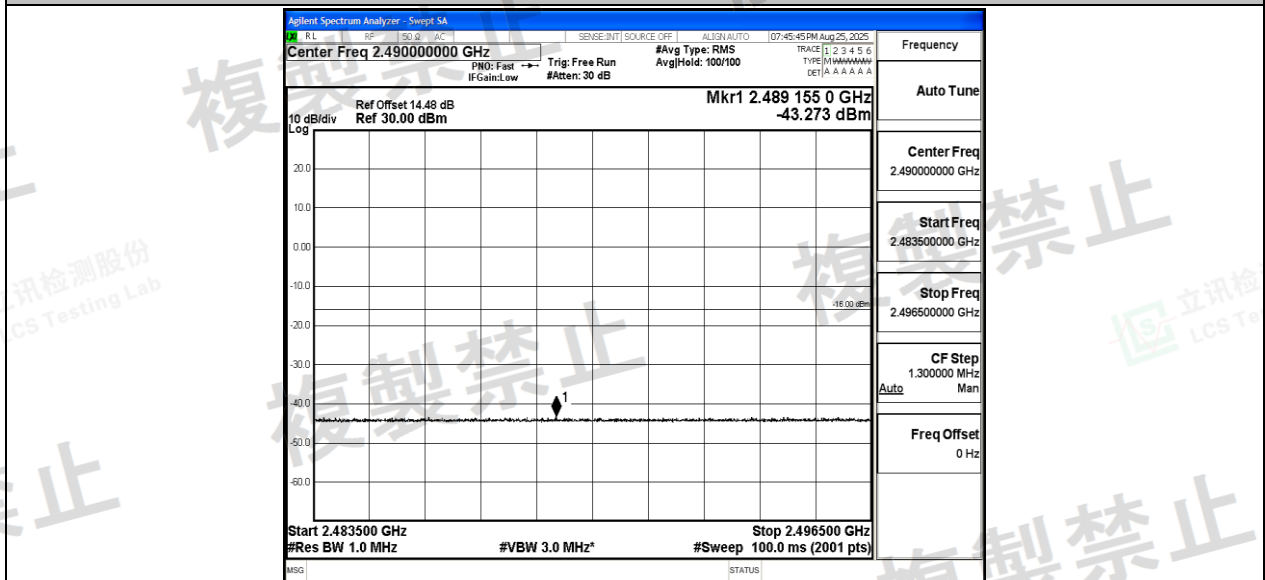
NTNV_BLE_Ant1_2402_2496.5~13000



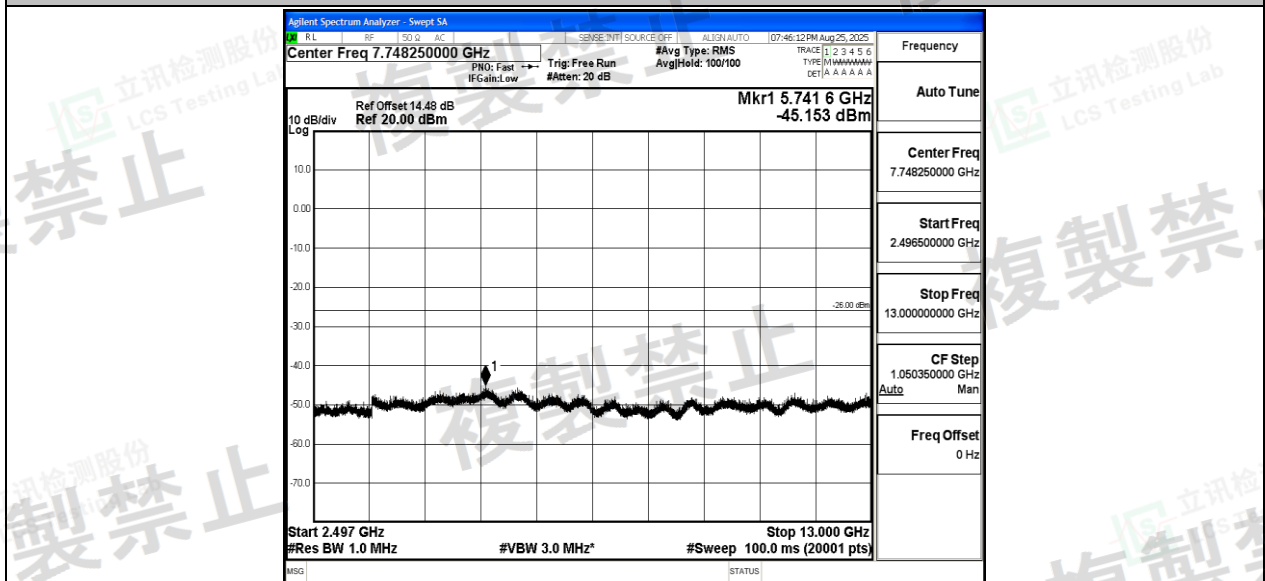




NTNV_BLE_Ant1_2440_2483.5~2496.5

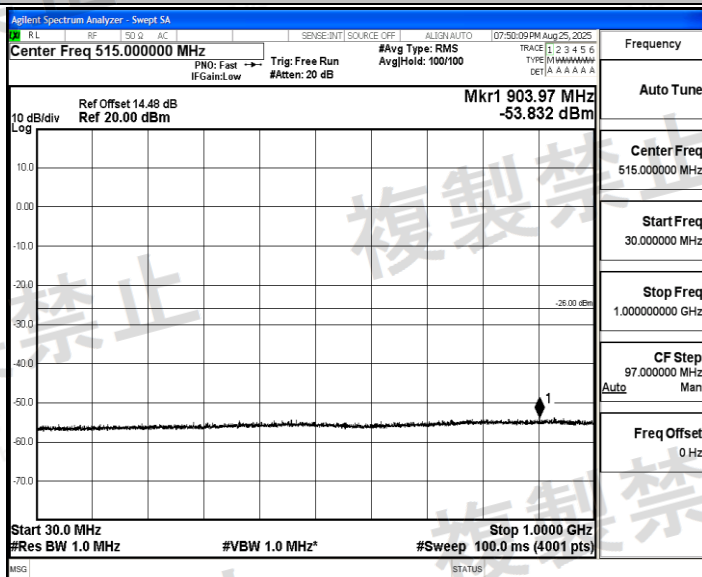


NTNV_BLE_Ant1_2440_2496.5~13000

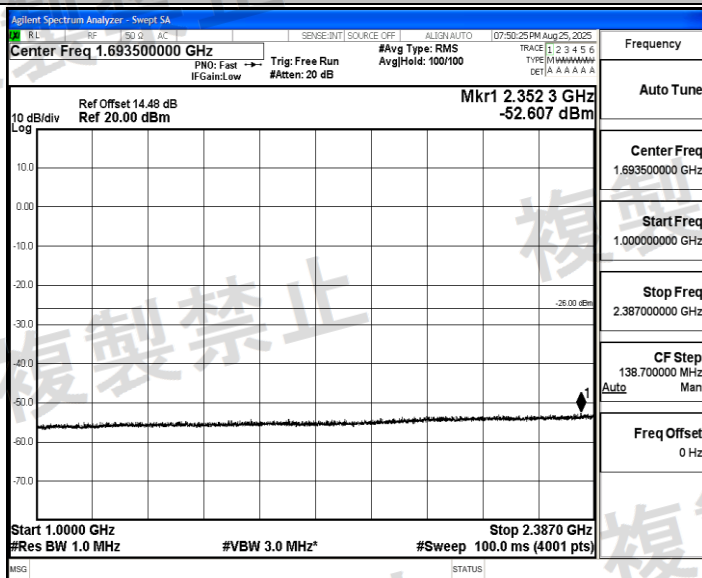




NTNV_BLE_Ant1_2480_30~1000



NTNV_BLE_Ant1_2480_1000~2387



NTNV_BLE_Ant1_2480_2387~2400

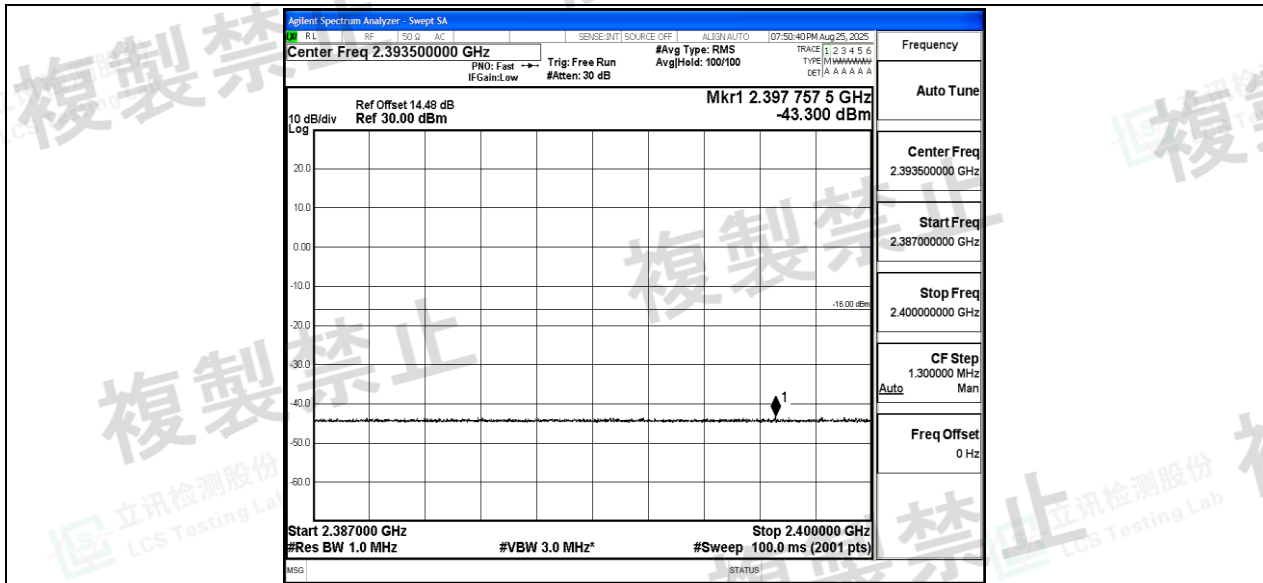


Shenzhen LCS Compliance Testing Laboratory Ltd.

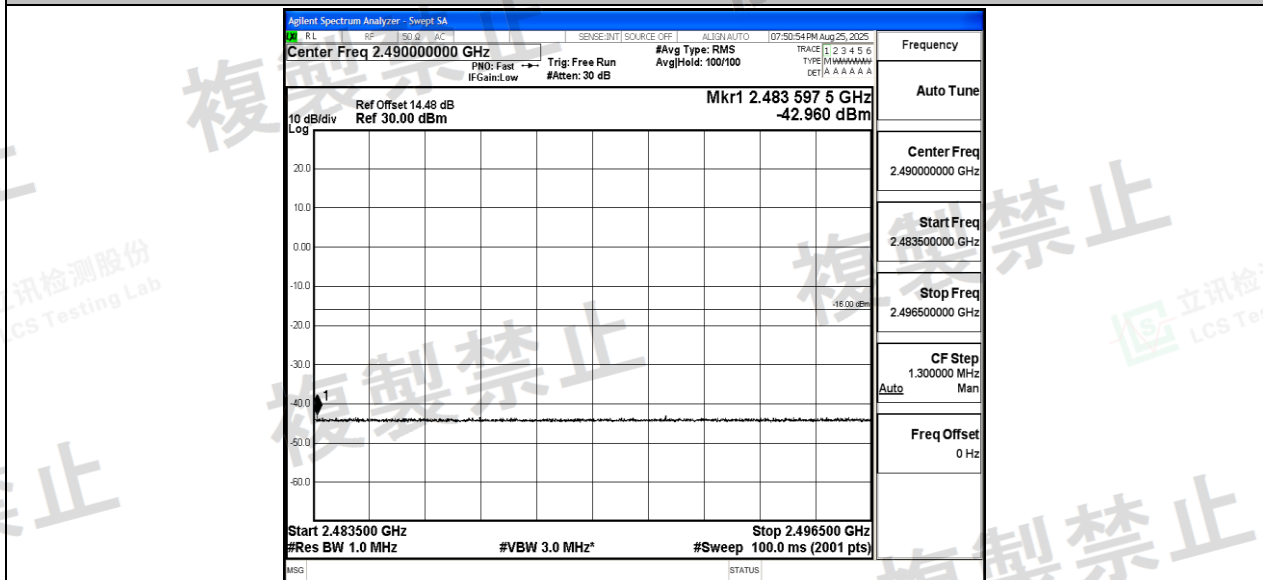
Add: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China

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

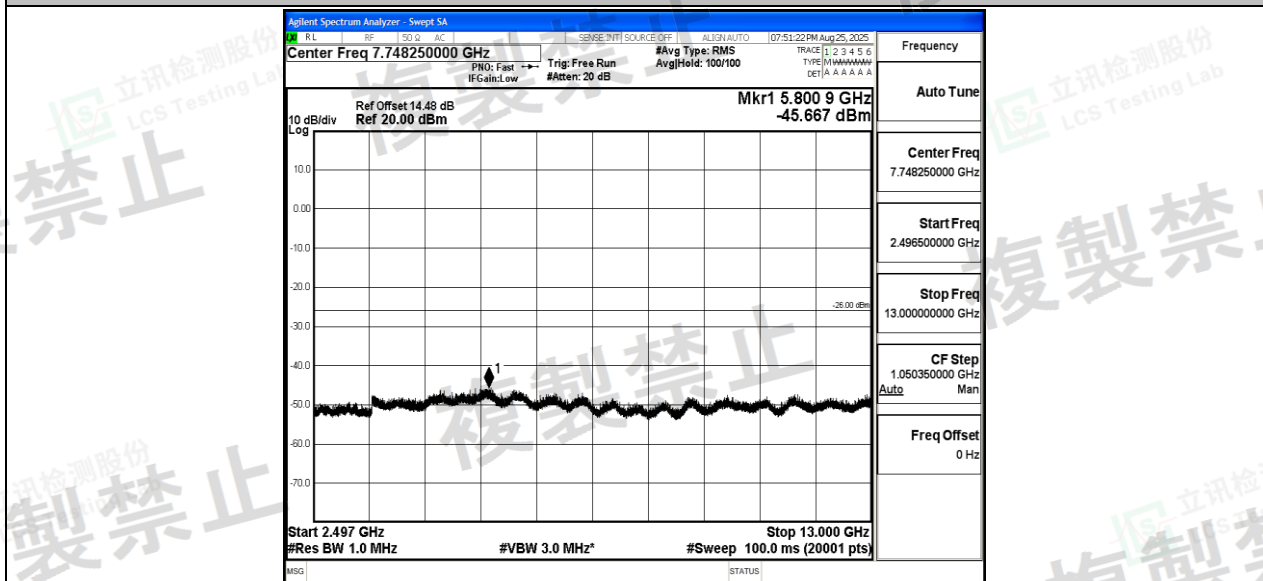
Scan code to check authenticity



NTNV_BLE_Ant1_2480_2483.5~2496.5



NTNV_BLE_Ant1_2480_2496.5~13000





B.6 Spurious Emission of RX

Test Result

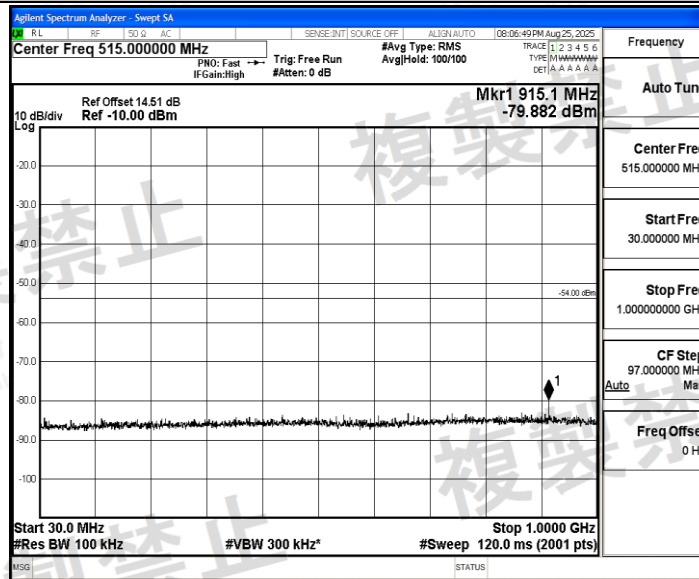
TestCondition	TestMode	Antenna	Frequency [MHz]	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE	Ant1	2402	30~1000	-79.88	≤-54	0.01028	≤4	PASS
				1000~12500	-67.08	≤-47	0.19588	≤20	PASS
			2440	30~1000	-83.44	≤-54	0.00453	≤4	PASS
				1000~12500	-67.36	≤-47	0.18365	≤20	PASS
			2480	30~1000	-83.19	≤-54	0.00480	≤4	PASS
				1000~12500	-66.81	≤-47	0.20845	≤20	PASS



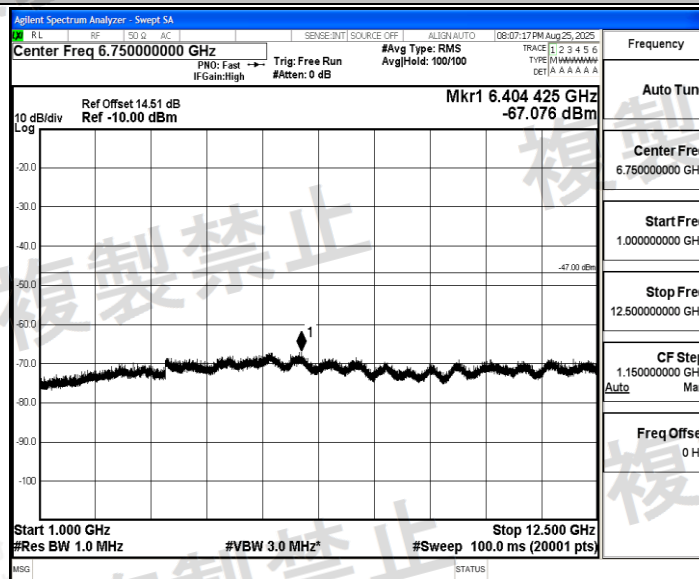


Test Graphs

NTNV_BLE_Ant1_2402_30~1000

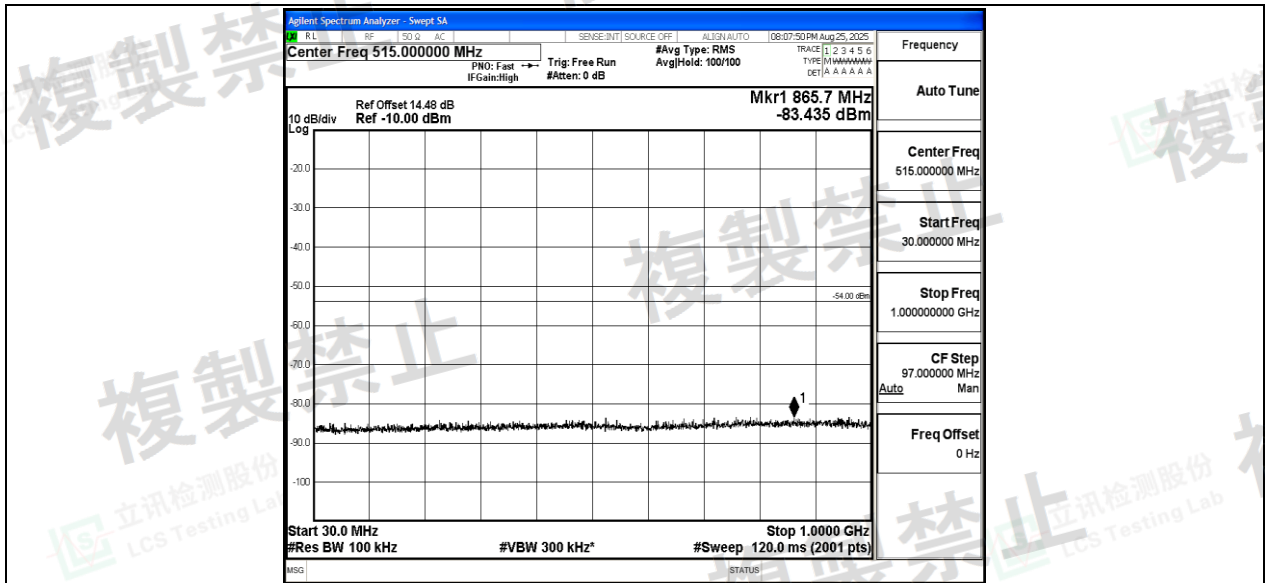


NTNV_BLE_Ant1_2402_1000~12500

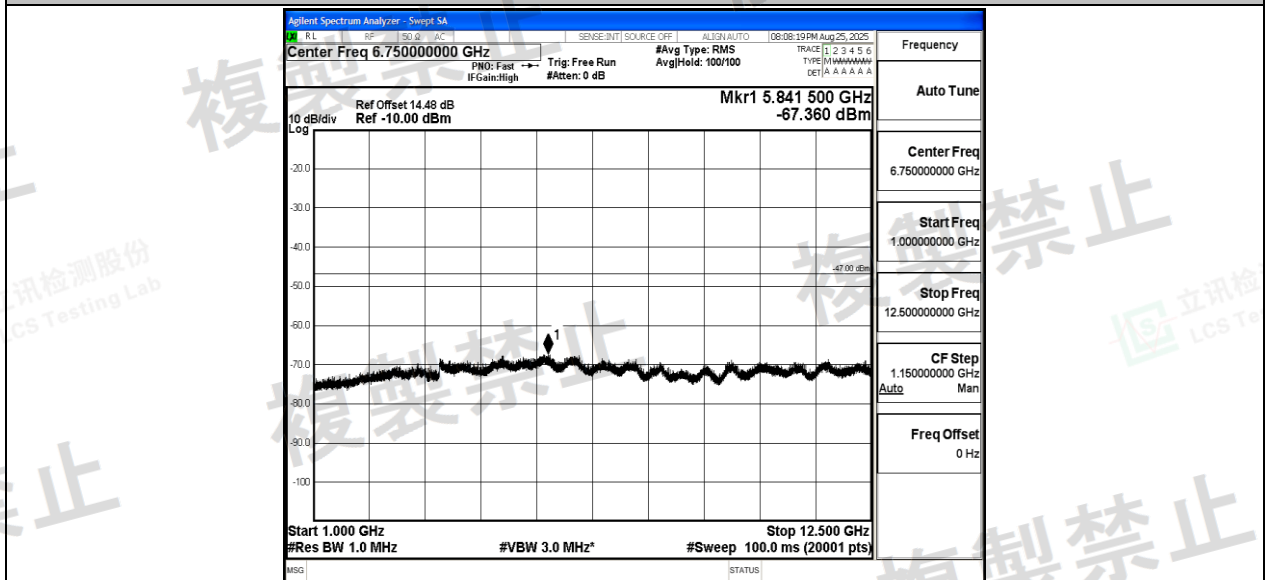


NTNV_BLE_Ant1_2440_30~1000

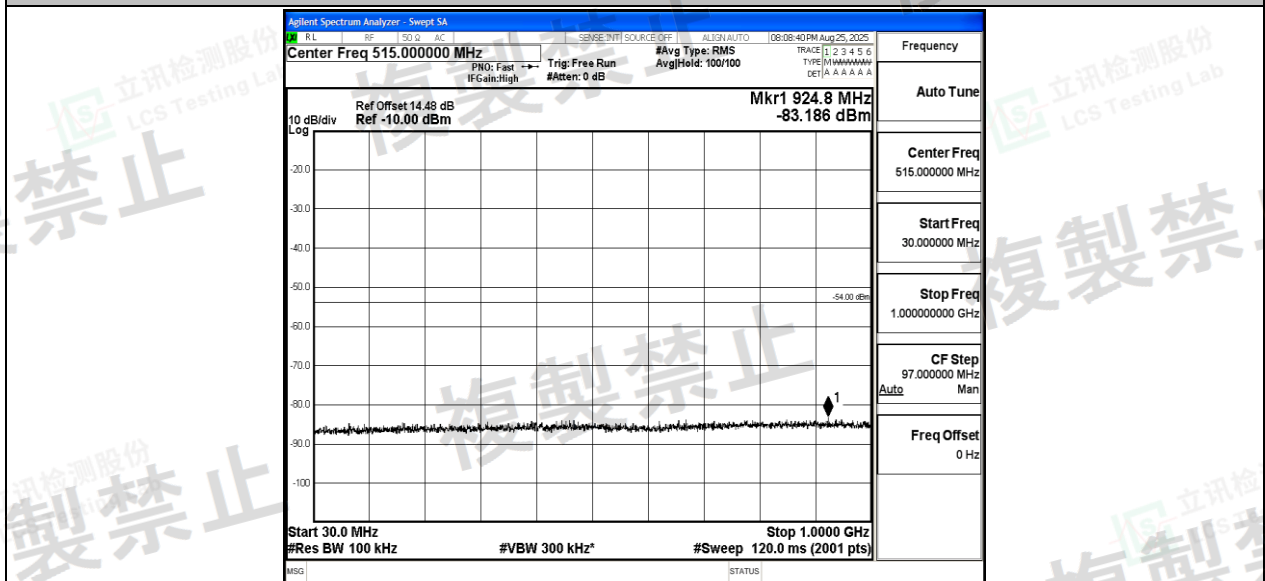




NTNV_BLE_Ant1_2440_1000~12500



NTNV_BLE_Ant1_2480_30~1000





NTNV_BLE_Ant1_2480_1000~12500

