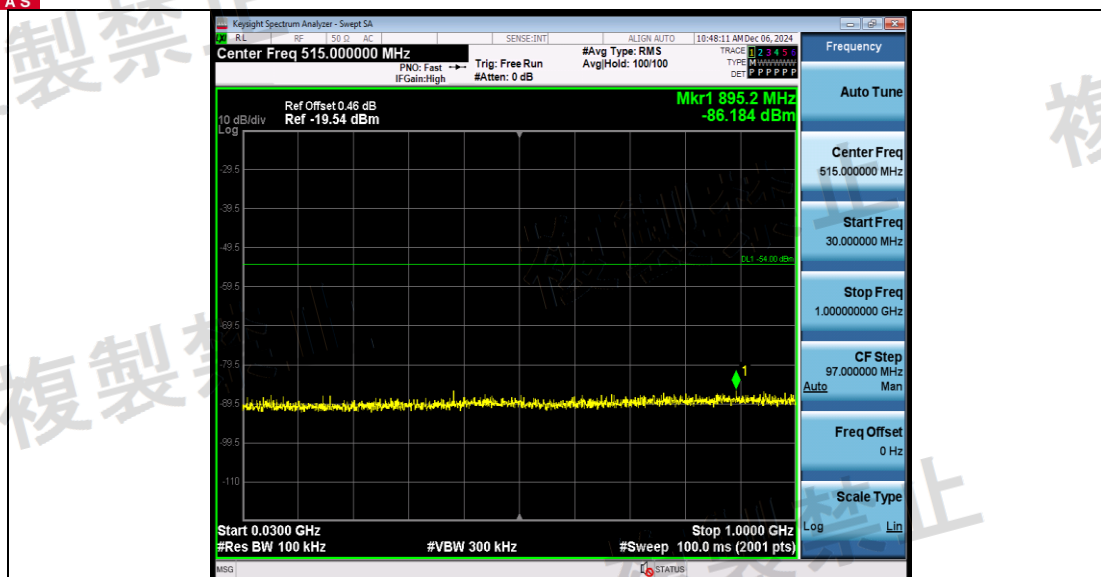


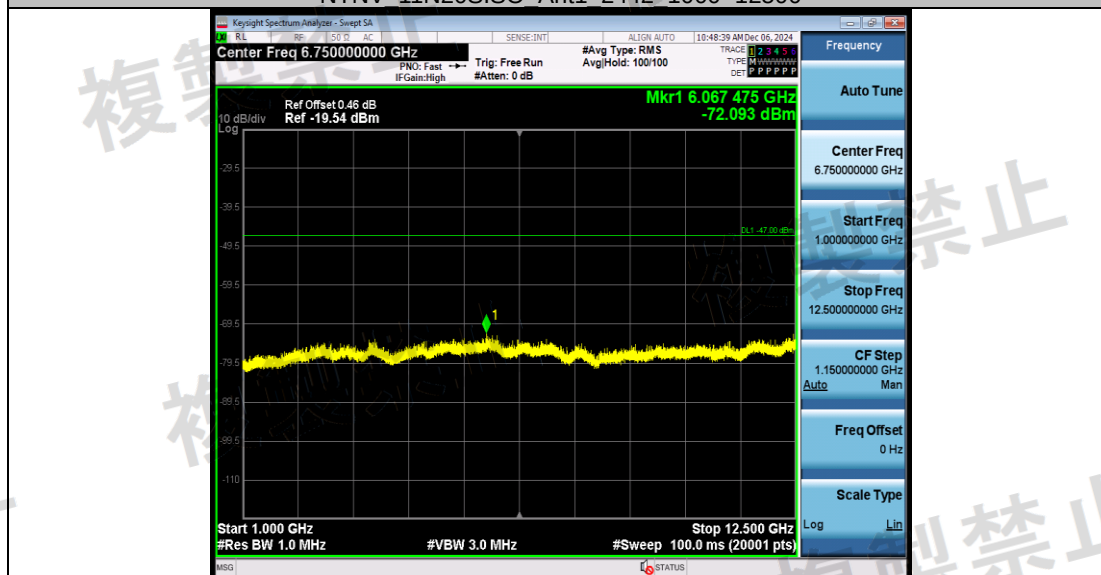


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_11N20SISO Ant1 2442 1000~12500



NTNV_11N20SISO Ant1 2472 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

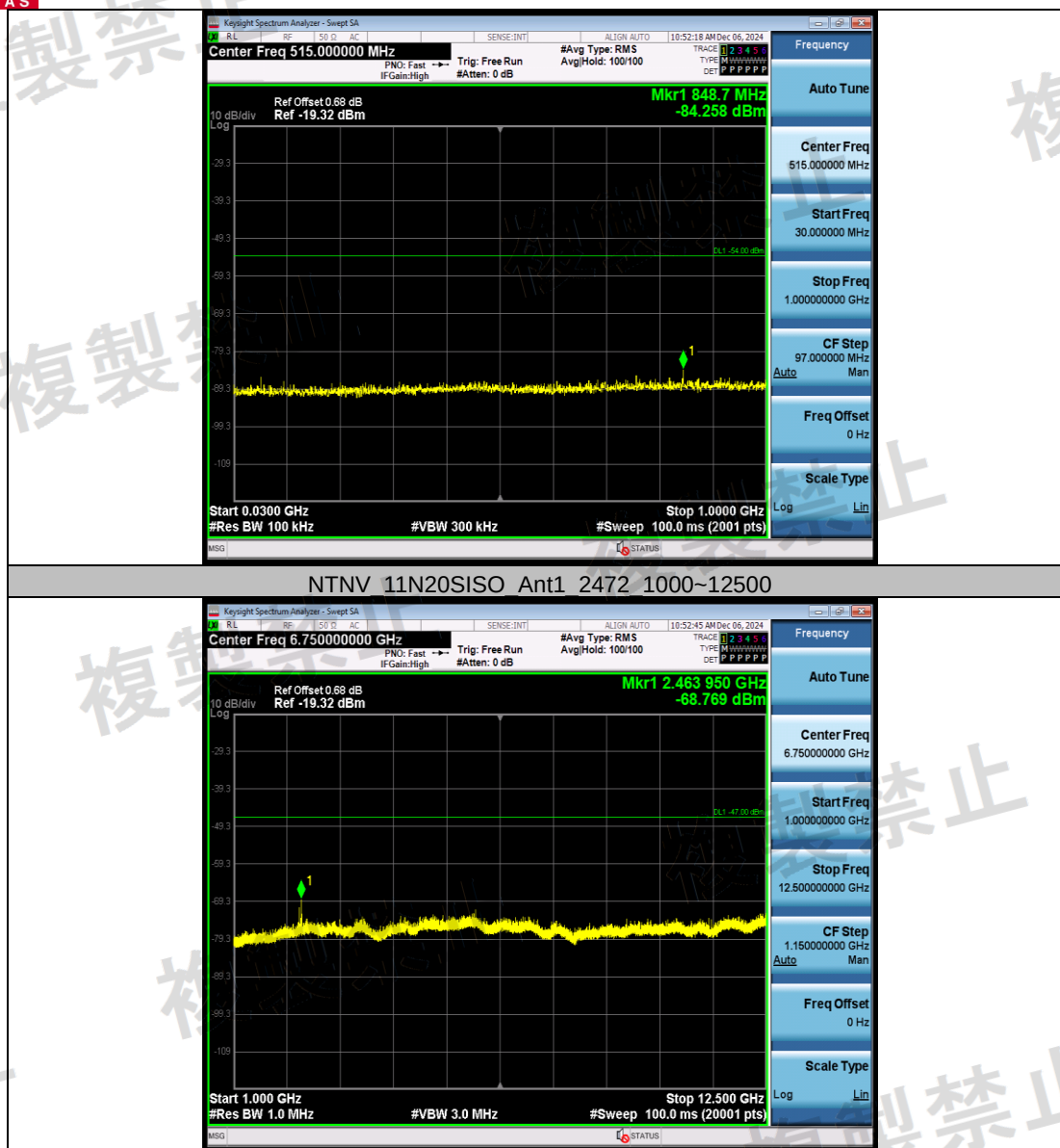
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

Duty Cycle

TEST RESULT

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Verdict
11B	Ant1	2412	12.15	12.35	98.38	---
		2442	12.10	12.30	98.37	---
		2472	12.10	12.30	98.37	---
11G	Ant1	2412	2.02	2.06	98.06	---
		2442	2.02	2.06	98.06	---
		2472	2.02	2.06	98.06	---
11N20SISO	Ant1	2412	1.69	1.73	97.69	---
		2442	1.69	1.73	97.69	---
		2472	1.68	1.72	97.67	---



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

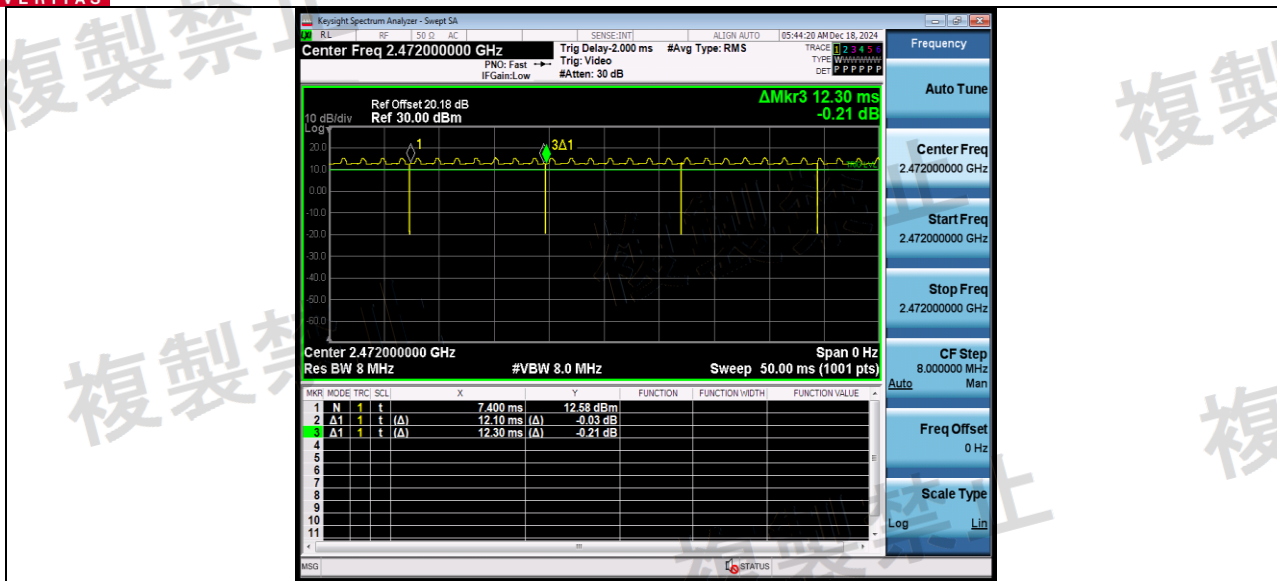
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

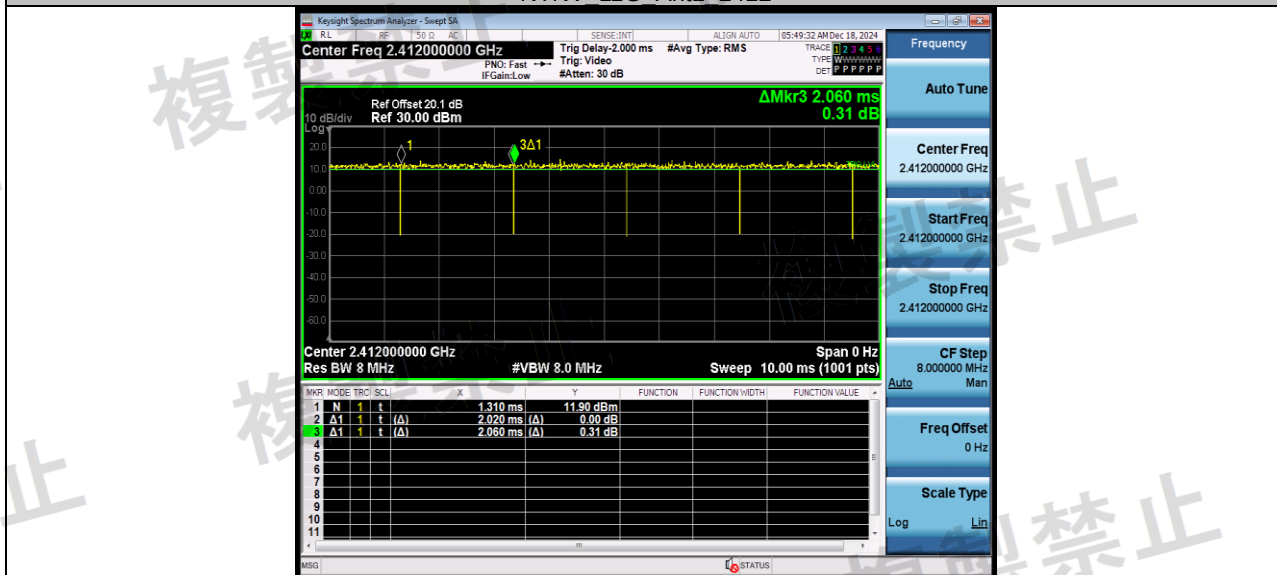


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV 11G Ant1 2412



NTNV 11G Ant1 2442

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

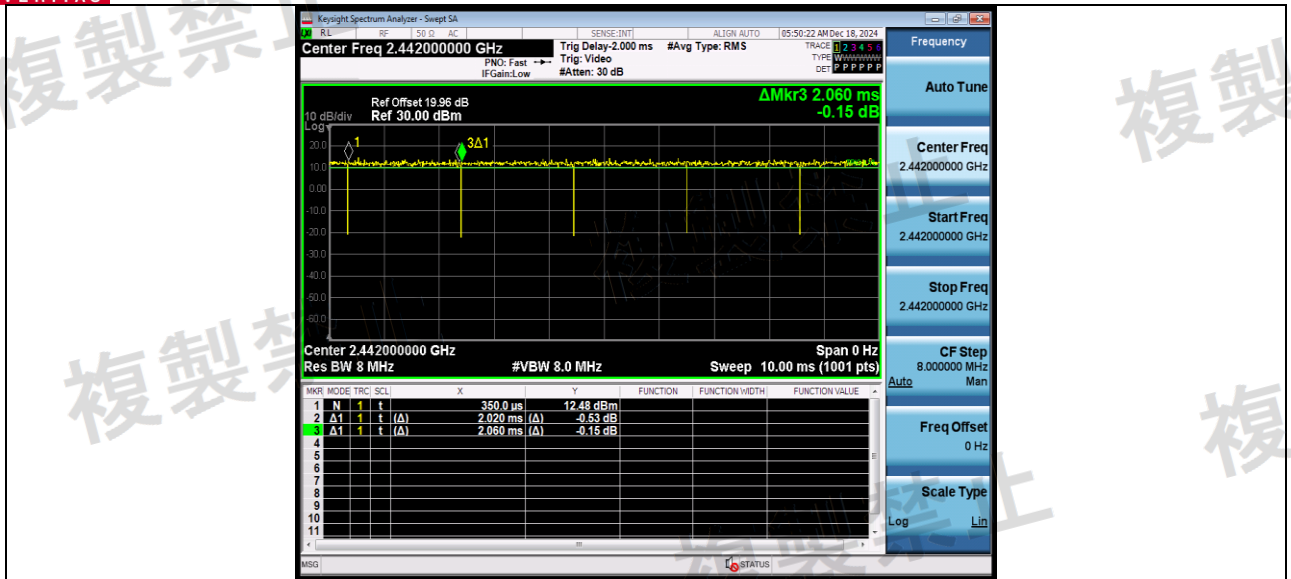
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

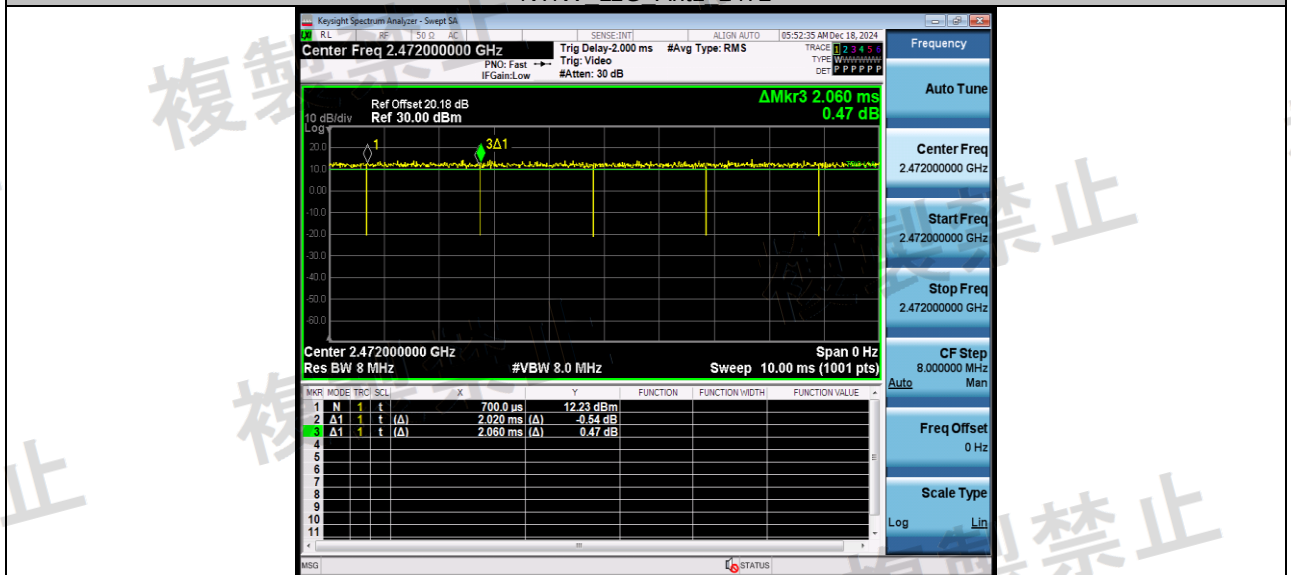


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV 11G Ant1 2472



NTNV_11N20SISO_Ant1_2412

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

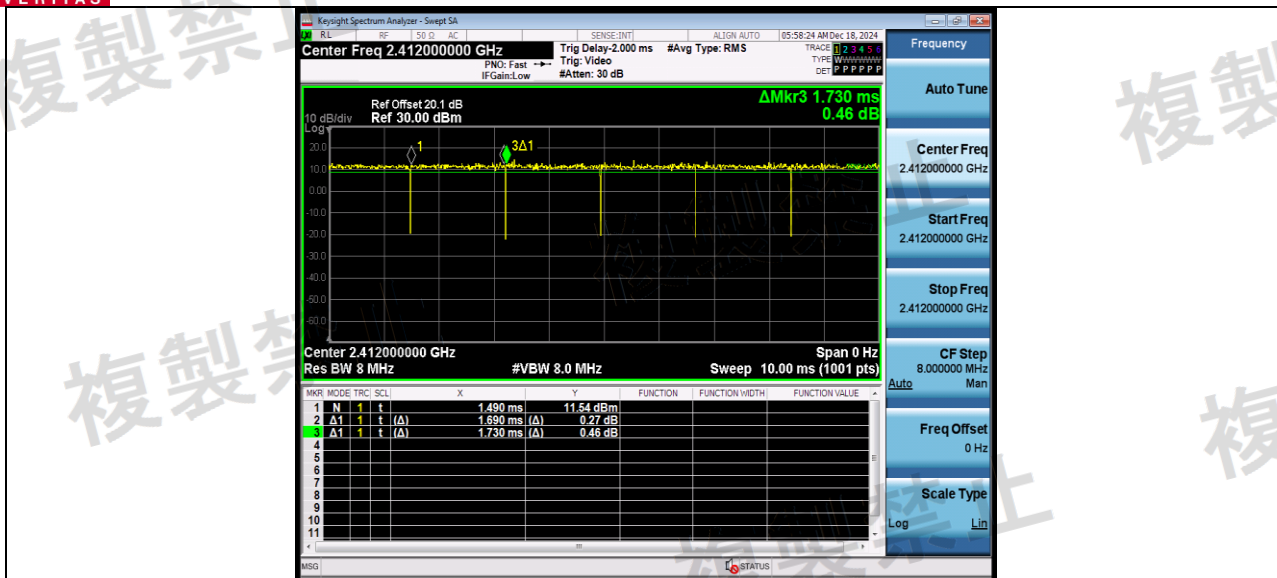
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

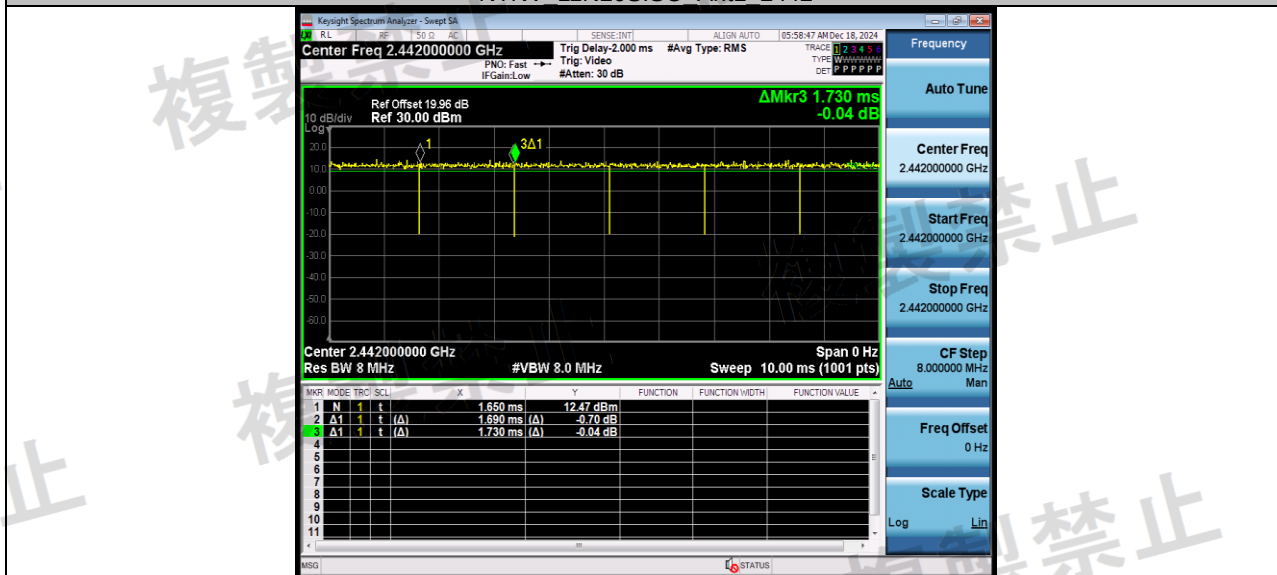


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTV 11N20SISO Ant1 2442



NTV 11N20SISO Ant1 2472

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

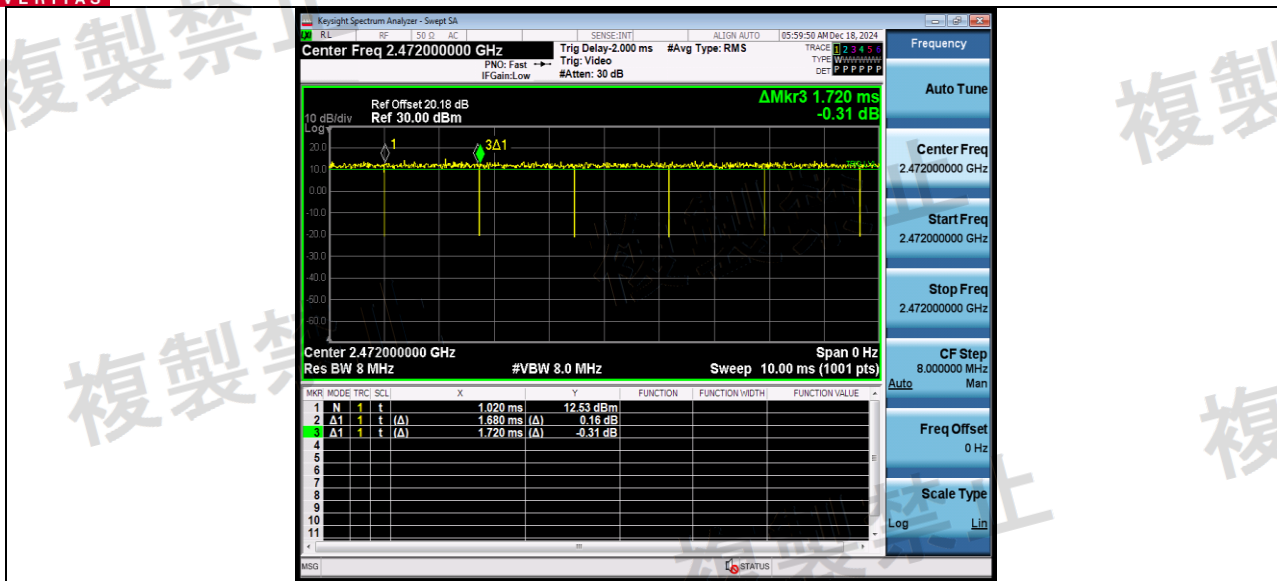
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

CARRIER SENSE CAPABILITY

MODE	FREQUENCY (MHz)	Pcs (dBm)	C.F (dB)	S.G LEVEL	Test Result
11n (HT20)	2412	-51.92	10.5	-46.358	PASS
	2442	-52.02	10.5	-46.34	PASS
	2472	-52.13	10.5	-46.309	PASS

NOTE:

Pcs (dBm) = 22.79 + Gr - 20log(F).

Gr: Antenna gain (2.4GHz: -7.06dBi).

F: Transmission frequency (MHz).

CF = Distributor loss + cable loss.

Test Result

PASS

8 Appendix B: BLE

Right Earphone

BLE

Frequency Error

TEST RESULT

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	2402.009	+3.74688	±50	PASS
			2440	2440.021	+8.60656	±50	PASS
			2480	2480.021	+8.46774	±50	PASS
	BLE_2M	Ant1	2404	2404.024	+9.98336	±50	PASS
			2440	2440.030	+12.29508	±50	PASS
			2478	2478.015	+6.05327	±50	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

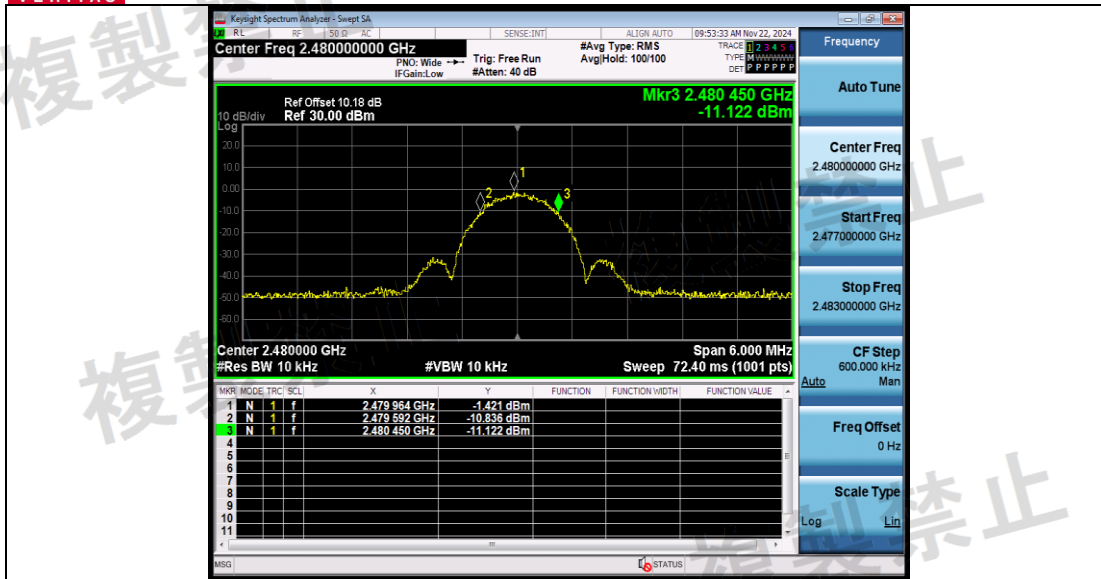
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2404



NTNV BLE 2M Ant1 2440

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

Antenna Power

TEST RESULT

Antenna Power							
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	Result (mW)	Limit (mW)	Verdict
NTNV	BLE_1M	Ant1	2402	6.81	4.7973	≤10	PASS
			2440	6.79	4.7753	≤10	PASS
			2480	6.73	4.7098	≤10	PASS
	BLE_2M	Ant1	2404	6.82	4.8084	≤10	PASS
			2440	6.80	4.7863	≤10	PASS
			2478	6.75	4.7315	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mW)	Rated Power (mW)	Result (%)	Limit (%)	Verdict
NTNV	BLE_1M	Ant1	2402	4.7973	5	-4.05	-80 to +20	PASS
			2440	4.7753	5	-4.49	-80 to +20	PASS
			2480	4.7098	5	-5.80	-80 to +20	PASS
	BLE_2M	Ant1	2404	4.8084	5	-3.83	-80 to +20	PASS
			2440	4.7863	5	-4.27	-80 to +20	PASS
			2478	4.7315	5	-5.37	-80 to +20	PASS

EIRP									
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	ANT GAIN(dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	6.81	-7	-0.19	0.96	≤12.14	PASS
			2440	6.79	-7	-0.21	0.95	≤12.14	PASS
			2480	6.73	-7	-0.27	0.94	≤12.14	PASS
	BLE_2M	Ant1	2404	6.82	-7	-0.18	0.96	≤12.14	PASS
			2440	6.80	-7	-0.20	0.95	≤12.14	PASS
			2478	6.75	-7	-0.25	0.94	≤12.14	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

Occupied Bandwidth

TEST RESULT

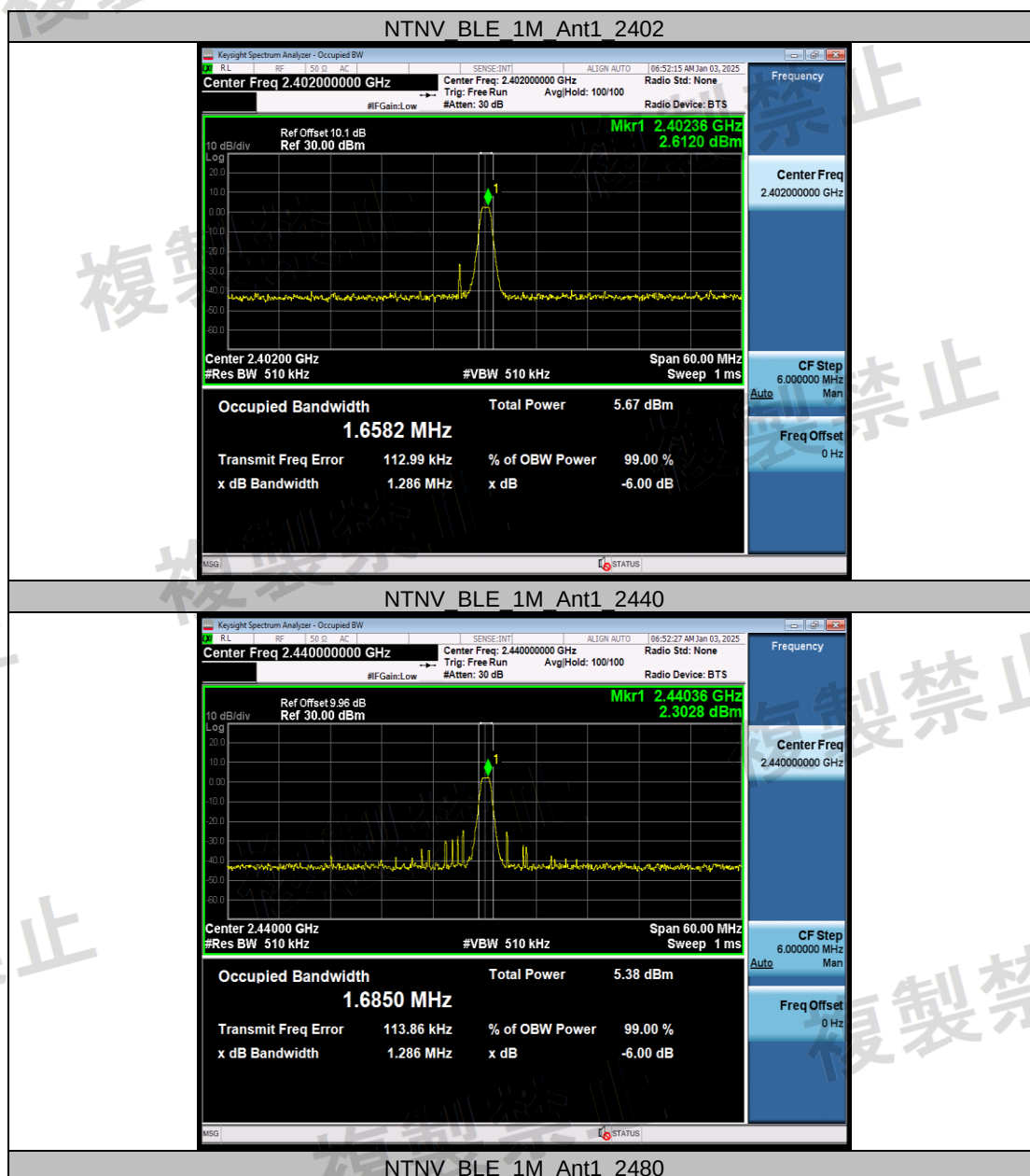
TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.658	≤26	PASS
			2440	1.685	≤26	PASS
			2480	1.703	≤26	PASS
	BLE_2M	Ant1	2404	2.457	≤26	PASS
			2440	2.477	≤26	PASS
			2478	2.454	≤26	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

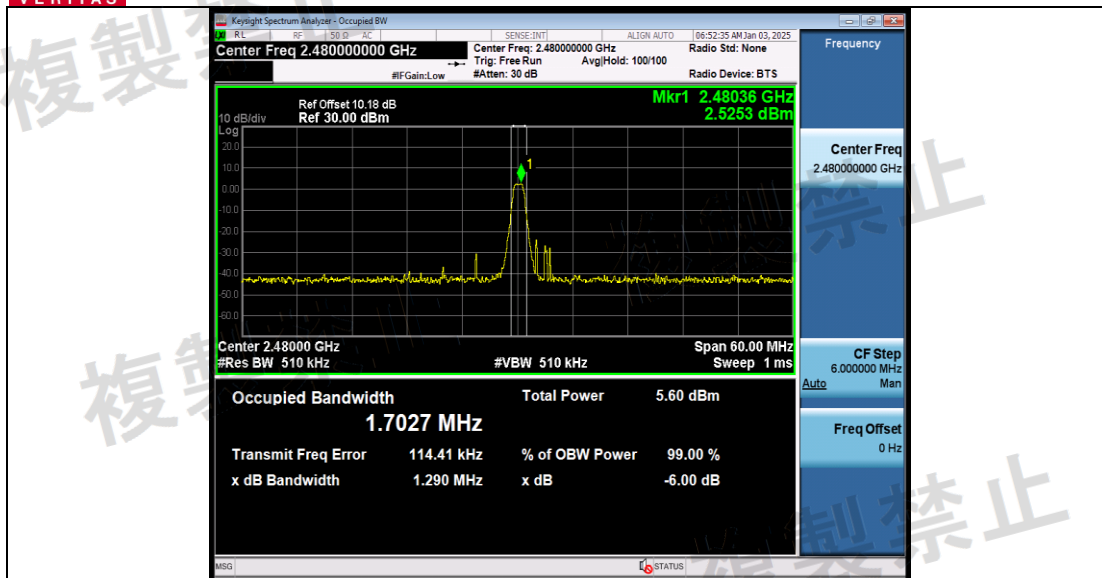
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

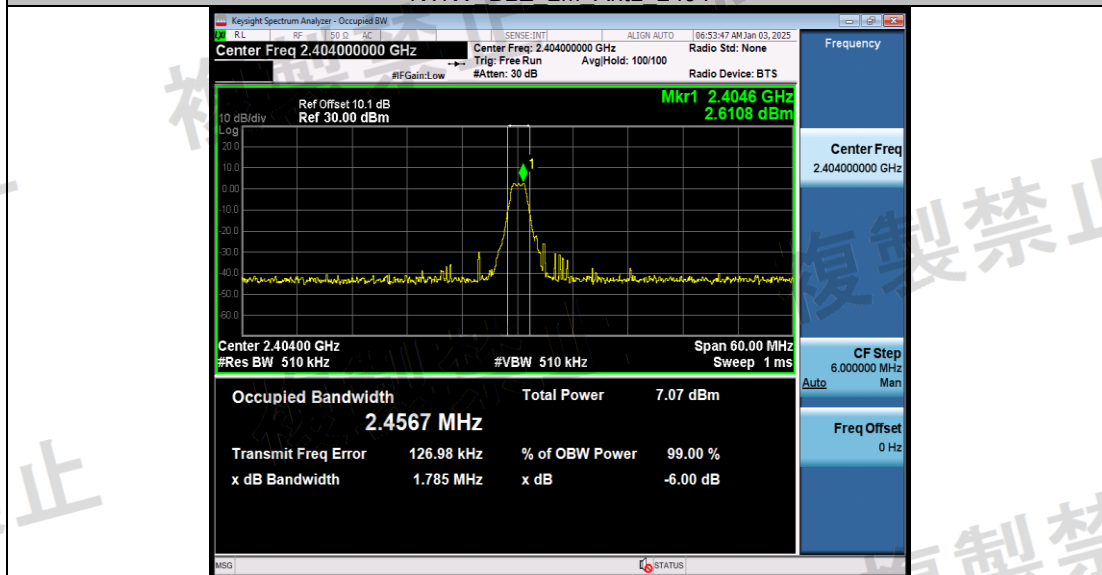


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404



NTNV_BLE_2M_Ant1_2440

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

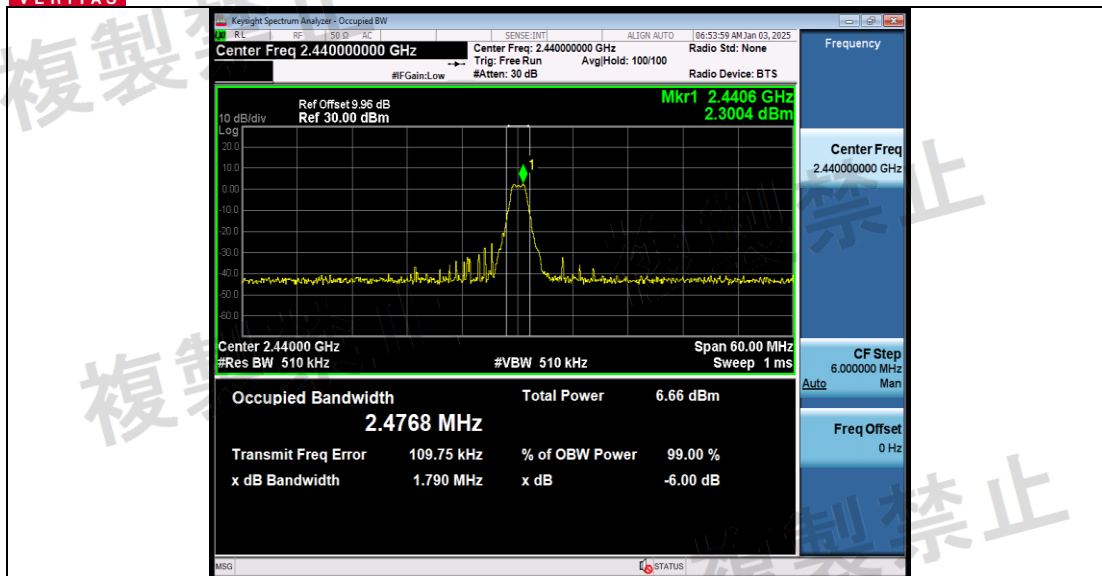
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

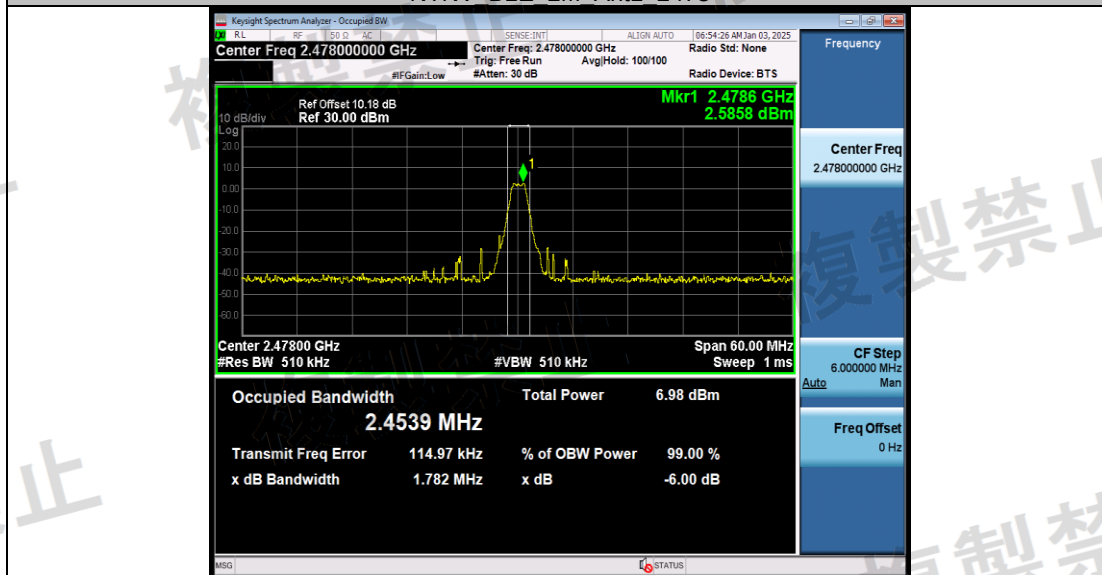


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2478



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

Spurious Emission of TX

TEST RESULT

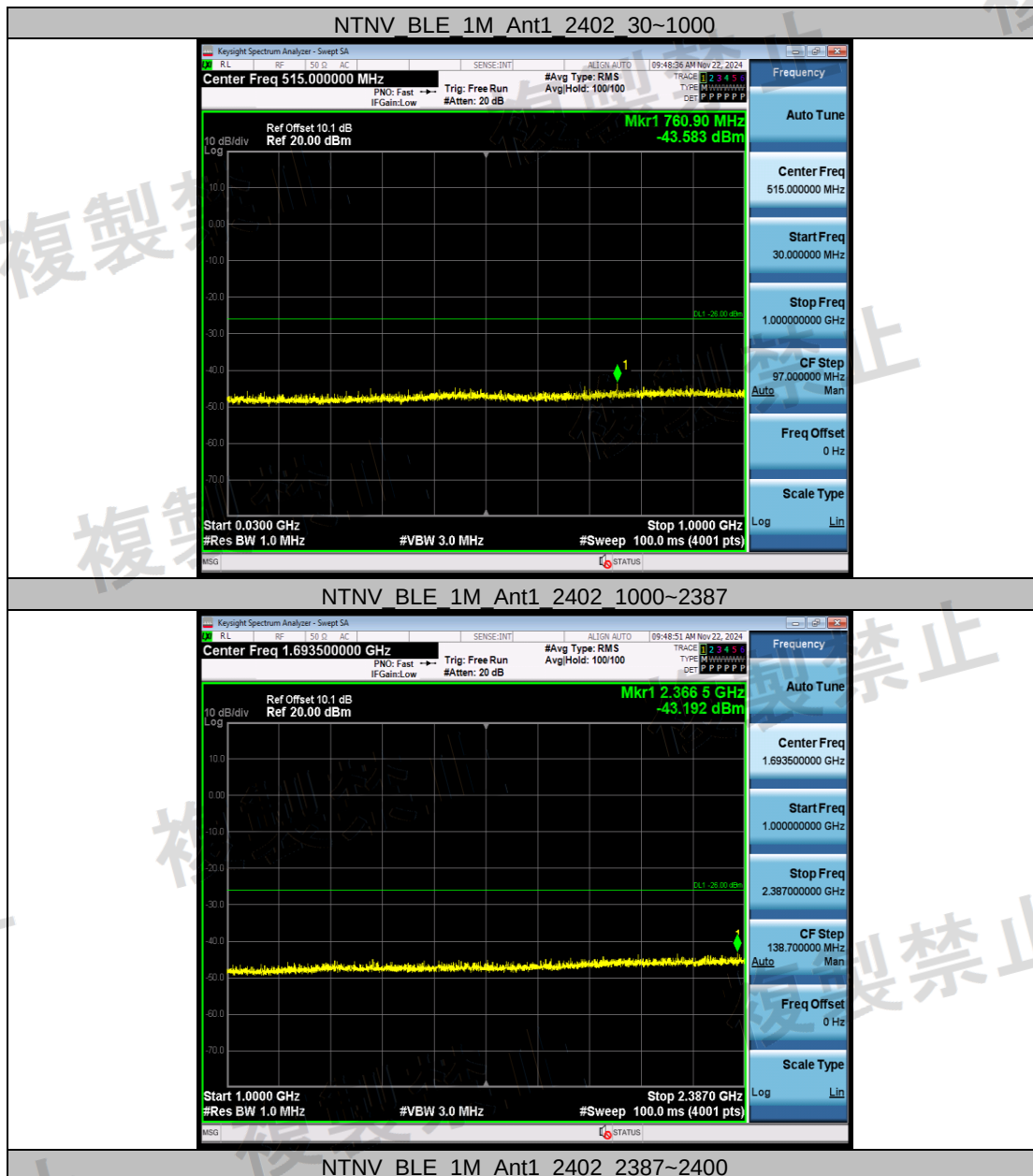
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Freq. [MHz]	Result [dBm/MHz]	Limit [dBm/MHz]	Result [μW/MHz]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	760.90	-43.58	≤-26	0.04385	≤2.5	PASS
				1000~2387	2366.54	-43.19	≤-26	0.04797	≤2.5	PASS
				2387~2400	2400.00	-26.29	≤-16	2.34963	≤25	PASS
				2483.5~2496.5	2494.93	-34.45	≤-16	0.35892	≤25	PASS
				2496.5~13000	3407.68	-48.88	≤-26	0.01294	≤2.5	PASS
			2440	30~1000	910.76	-44.09	≤-26	0.03899	≤2.5	PASS
				1000~2387	2293.38	-43.06	≤-26	0.04943	≤2.5	PASS
				2387~2400	2395.91	-34.83	≤-16	0.32885	≤25	PASS
				2483.5~2496.5	2490.92	-34.20	≤-16	0.38019	≤25	PASS
				2496.5~13000	5788.30	-58.28	≤-26	0.00149	≤2.5	PASS
			2480	30~1000	858.38	-44.15	≤-26	0.03846	≤2.5	PASS
				1000~2387	2334.29	-42.82	≤-26	0.05224	≤2.5	PASS
				2387~2400	2392.04	-34.74	≤-16	0.33574	≤25	PASS
				2483.5~2496.5	2486.72	-33.97	≤-16	0.40087	≤25	PASS
				2496.5~13000	5744.18	-53.15	≤-26	0.00484	≤2.5	PASS
	BLE_2M	Ant1	2404	30~1000	809.15	-43.51	≤-26	0.04457	≤2.5	PASS
				1000~2387	2281.59	-43.93	≤-26	0.04046	≤2.5	PASS
				2387~2400	2399.98	-34.43	≤-16	0.36058	≤25	PASS
				2483.5~2496.5	2488.69	-34.90	≤-16	0.32359	≤25	PASS
				2496.5~13000	5741.56	-53.58	≤-26	0.00439	≤2.5	PASS
			2440	30~1000	890.63	-44.35	≤-26	0.03673	≤2.5	PASS
				1000~2387	1990.32	-43.65	≤-26	0.04315	≤2.5	PASS
				2387~2400	2399.71	-34.54	≤-16	0.35156	≤25	PASS
				2483.5~2496.5	2487.60	-35.18	≤-16	0.30339	≤25	PASS
				2496.5~13000	5798.80	-55.73	≤-26	0.00267	≤2.5	PASS
			2478	30~1000	851.83	-44.02	≤-26	0.03963	≤2.5	PASS
				1000~2387	2360.30	-43.26	≤-26	0.04721	≤2.5	PASS
				2387~2400	2393.64	-34.57	≤-16	0.34914	≤25	PASS
				2483.5~2496.5	2484.23	-34.94	≤-16	0.32063	≤25	PASS
				2496.5~13000	5752.59	-56.39	≤-26	0.00230	≤2.5	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

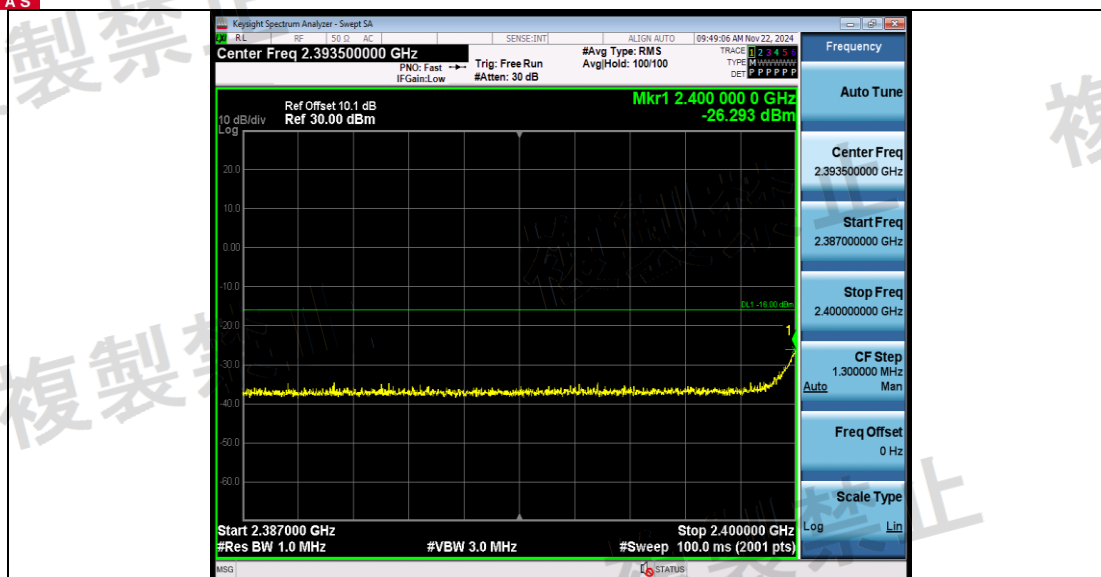
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

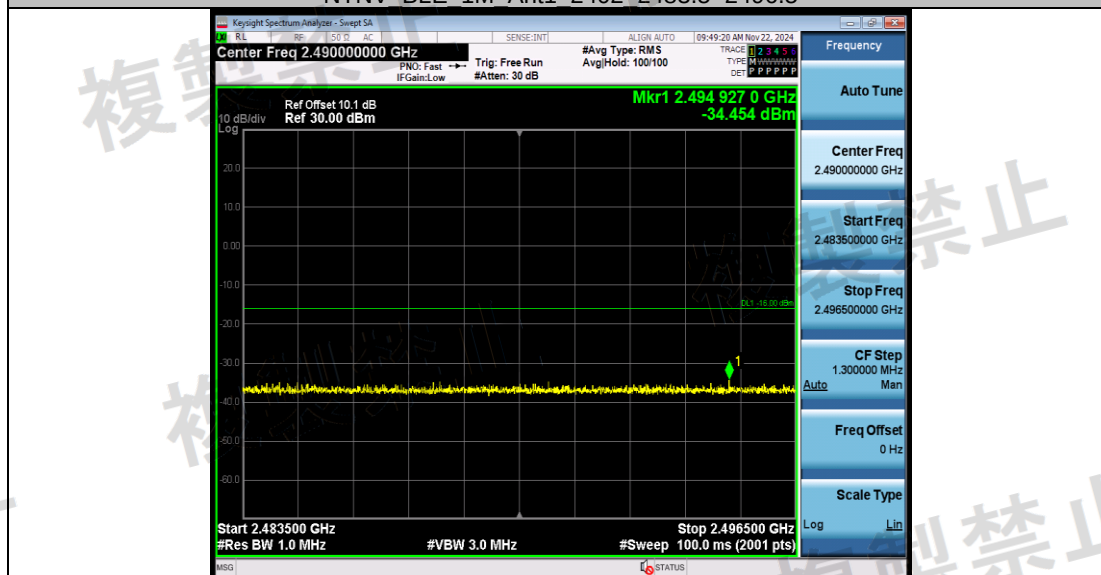


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2402_2483.5~2496.5



NTNV_BLE_1M_Ant1_2402_2496.5~13000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

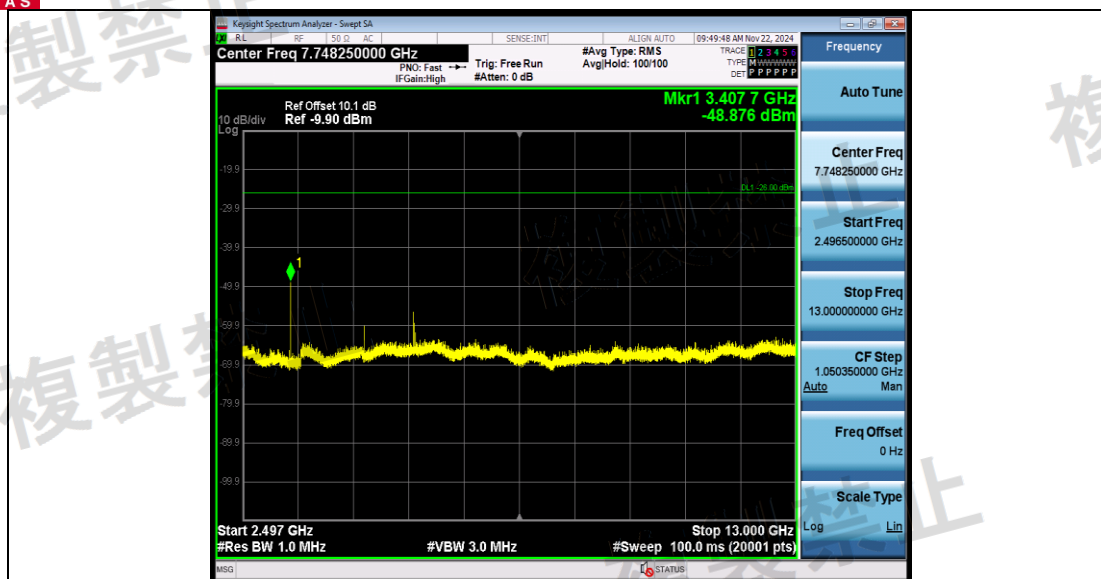
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

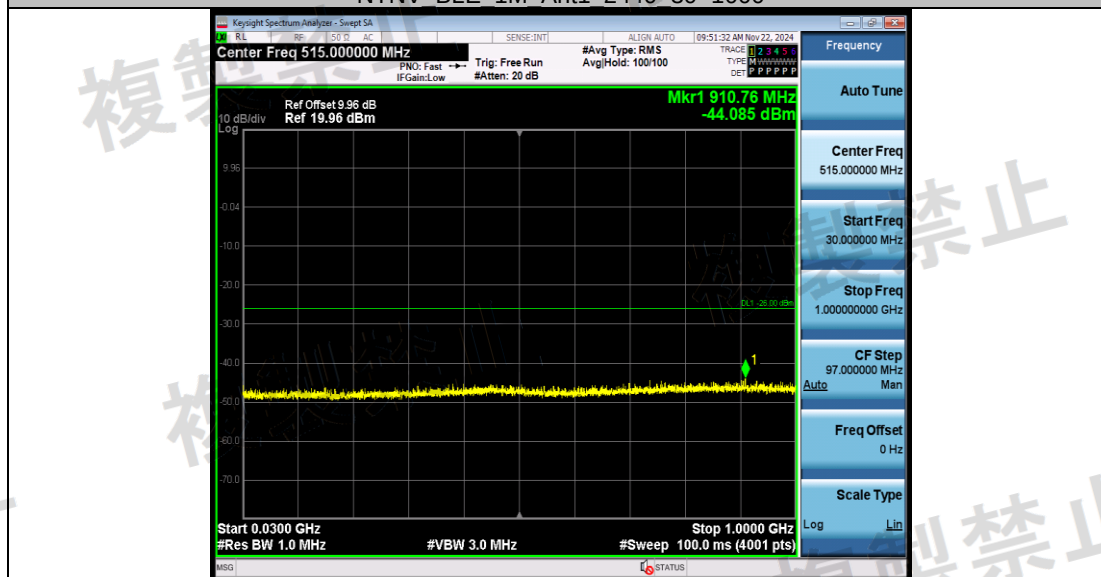


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2440_30~1000



NTNV_BLE_1M_Ant1_2440_1000~2387

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

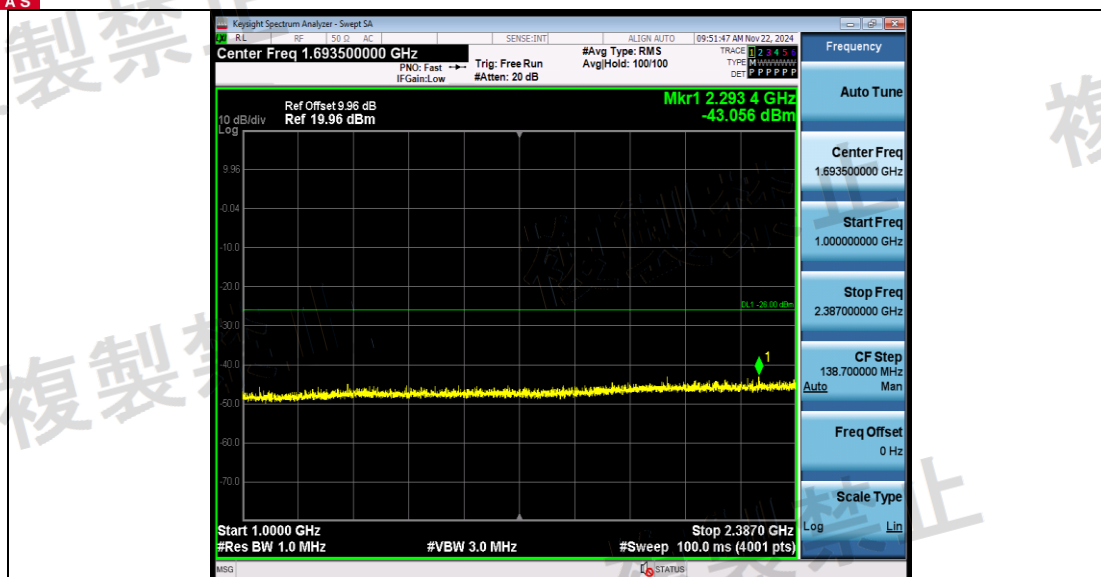
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

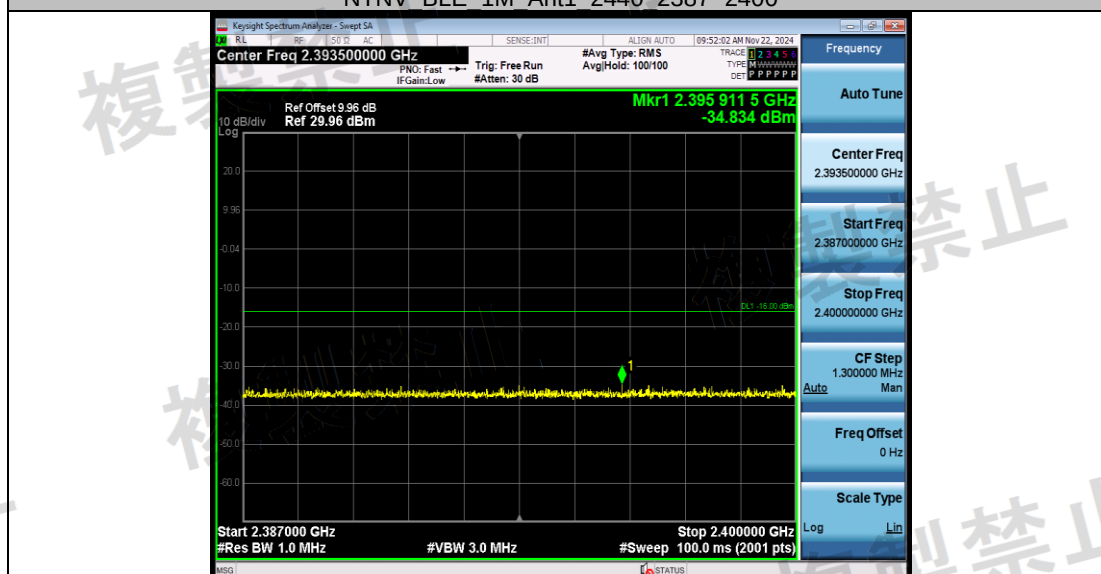


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2440_2387~2400



NTNV_BLE_1M_Ant1_2440_2483.5~2496.5

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

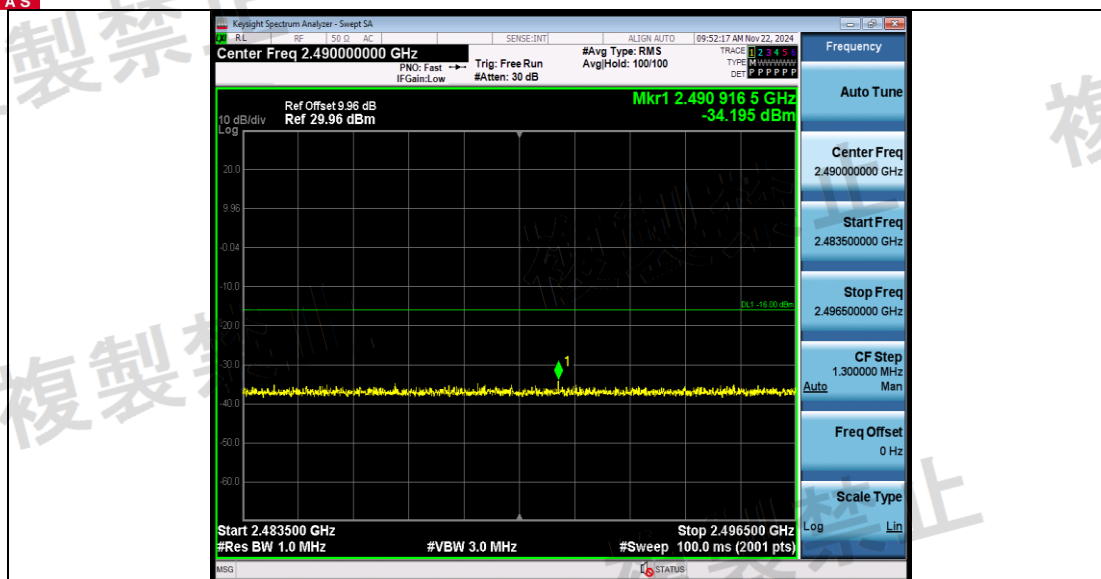
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

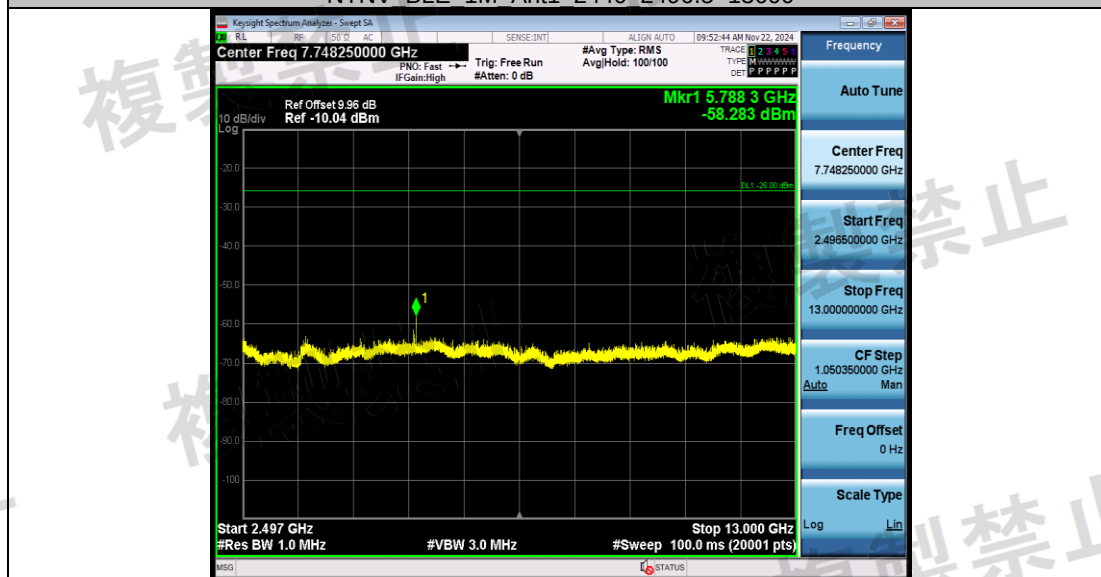


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 1M Ant1 2440 2496.5~13000



NTNV BLE 1M Ant1 2480 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

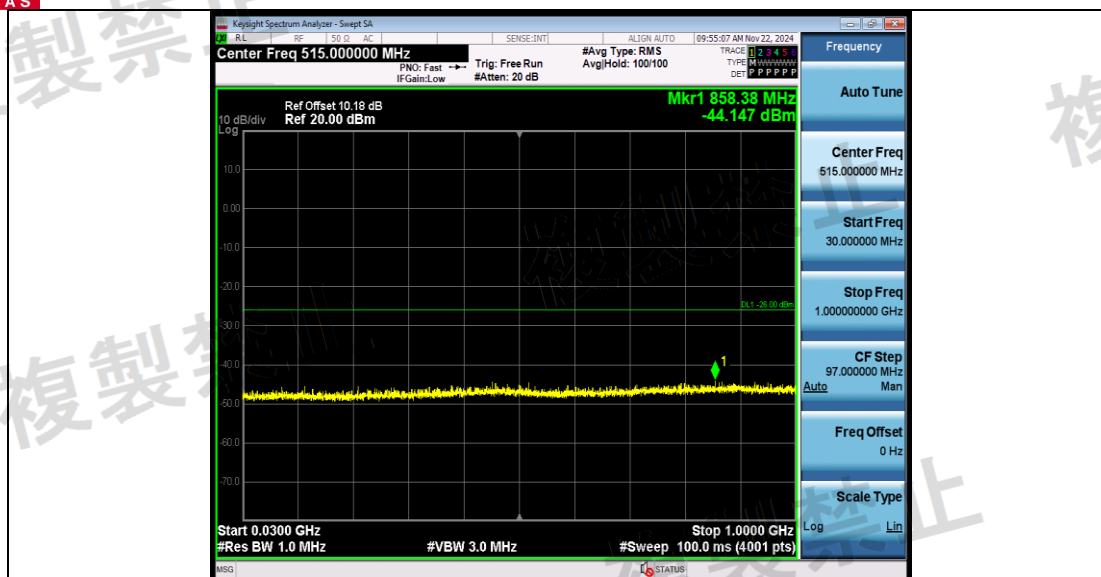
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2480_1000~2387



NTNV_BLE_1M_Ant1_2480_2387~2400

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

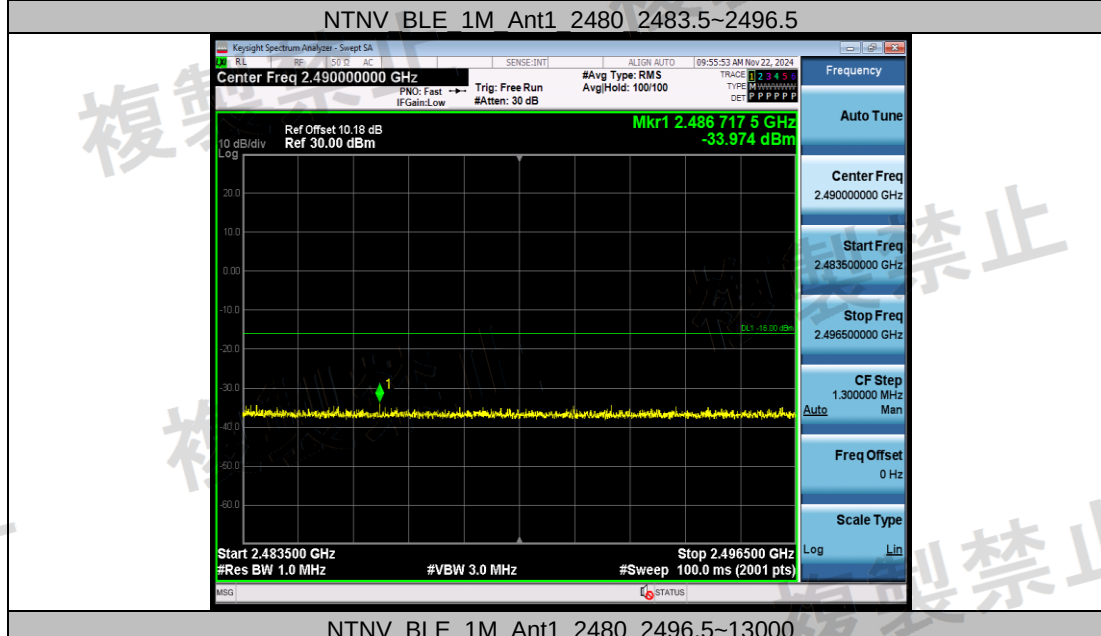
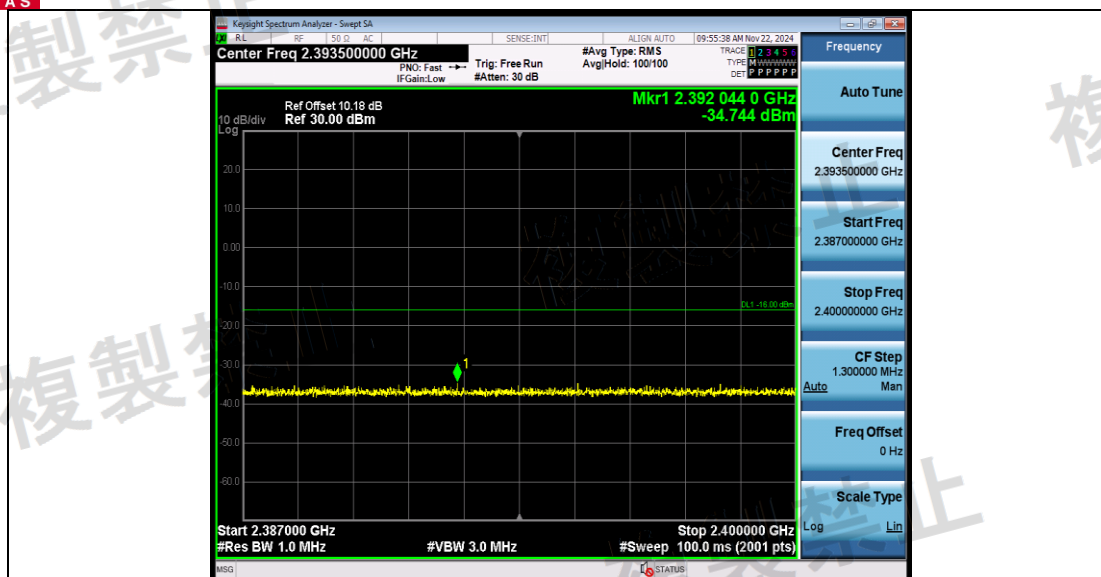
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

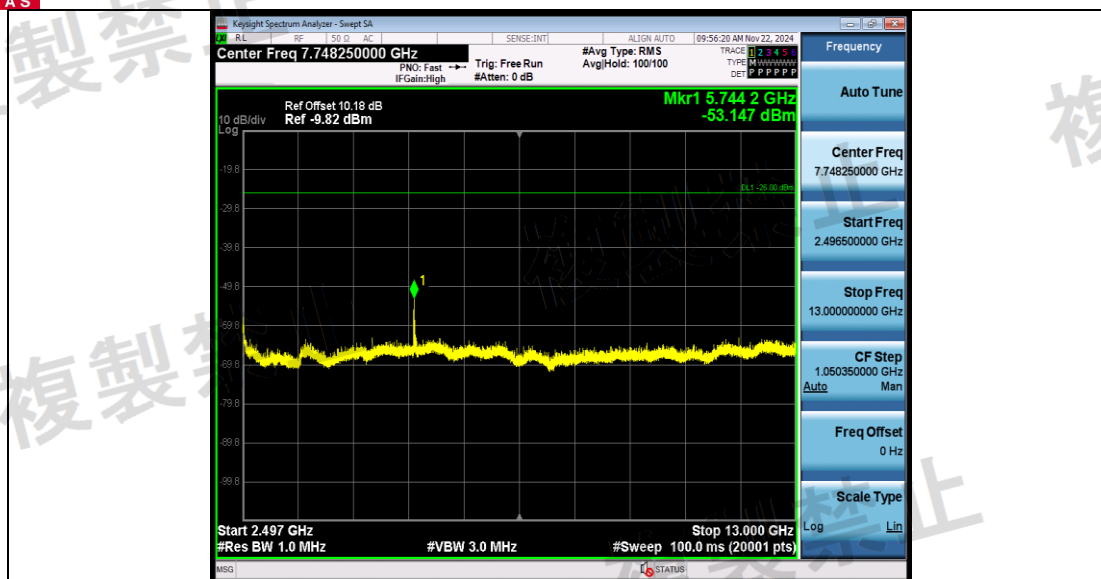
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404_30~1000



NTNV_BLE_2M_Ant1_2404_1000~2387

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

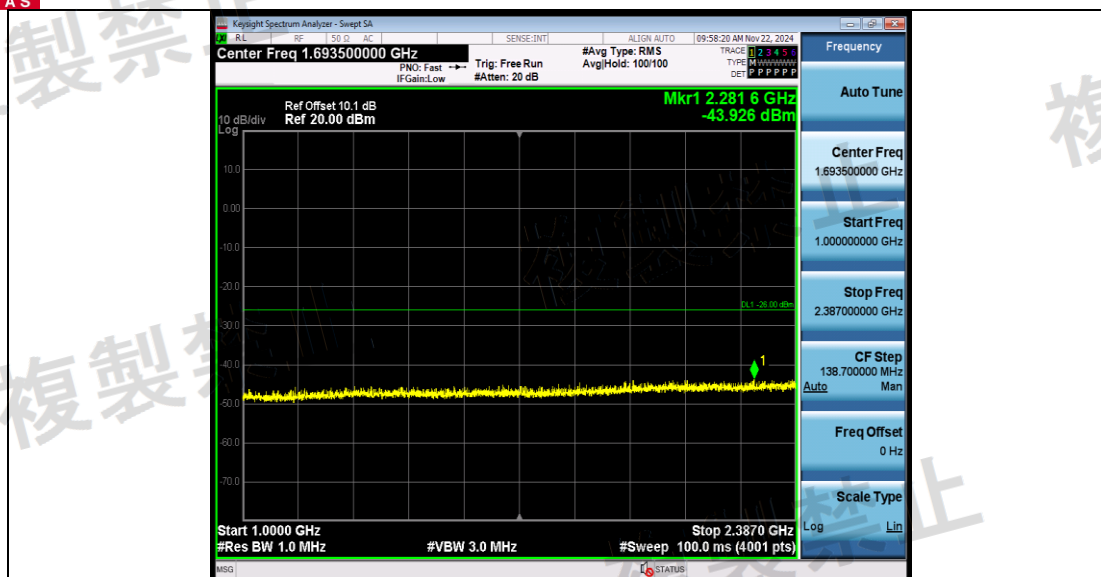
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

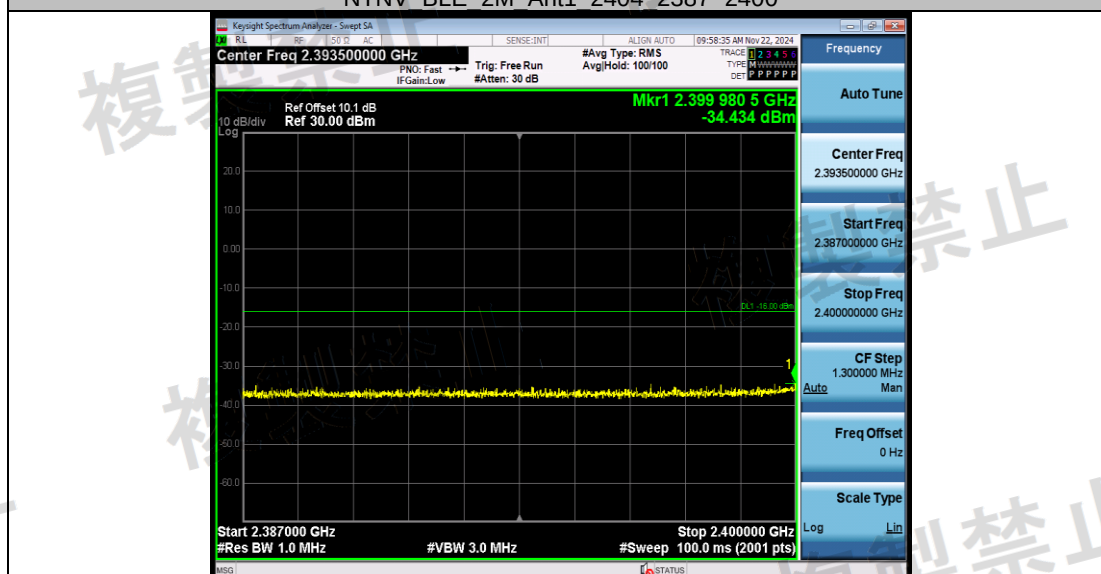


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404_2387~2400



NTNV_BLE_2M_Ant1_2404_2483.5~2496.5

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

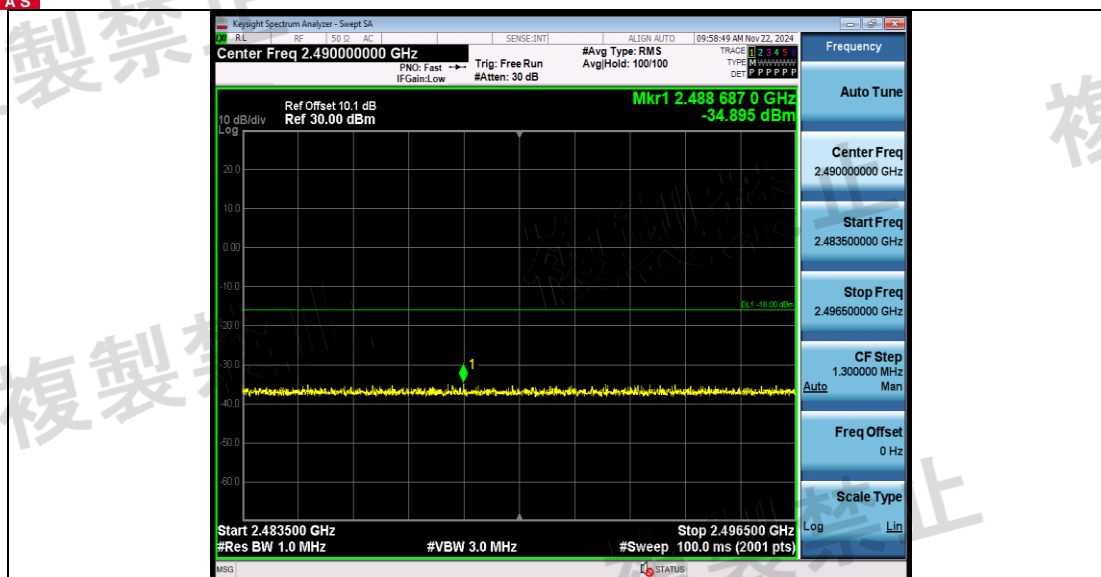
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

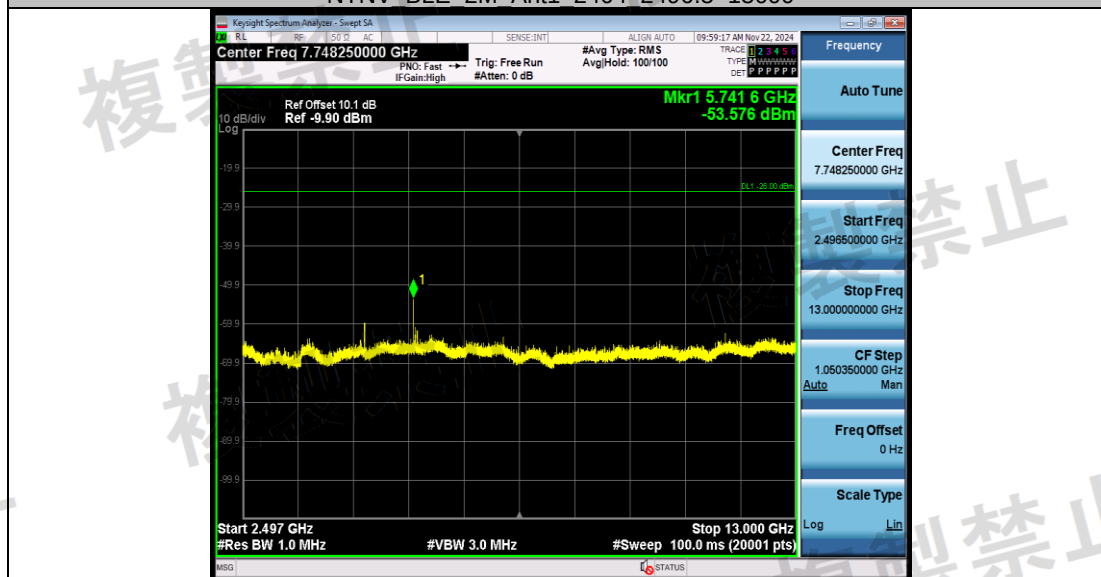


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2404 2496.5~13000



NTNV BLE 2M Ant1 2440 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

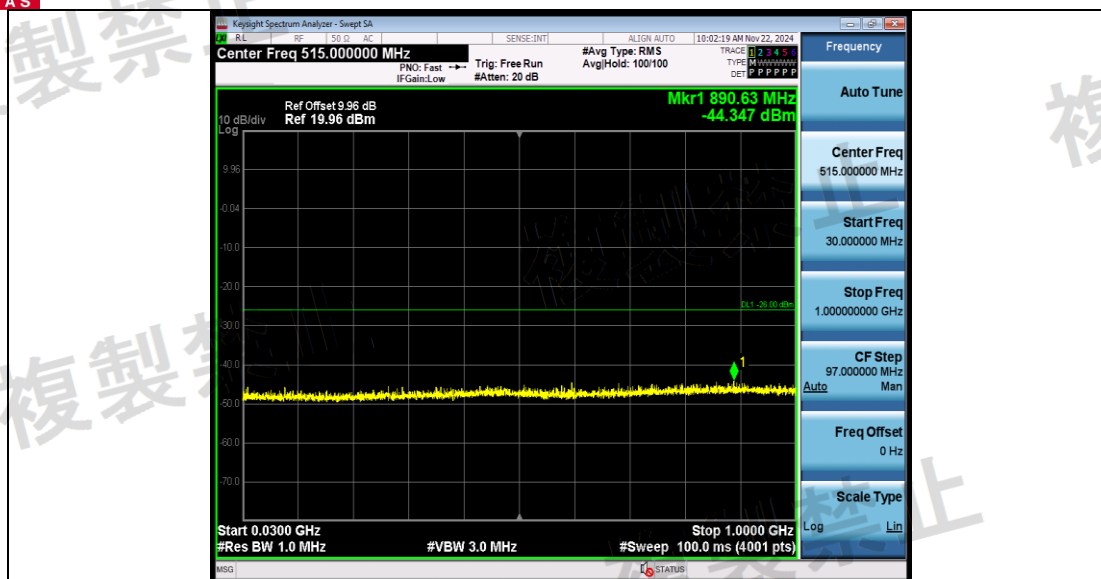
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2440_1000~2387



NTNV_BLE_2M_Ant1_2440_2387~2400

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

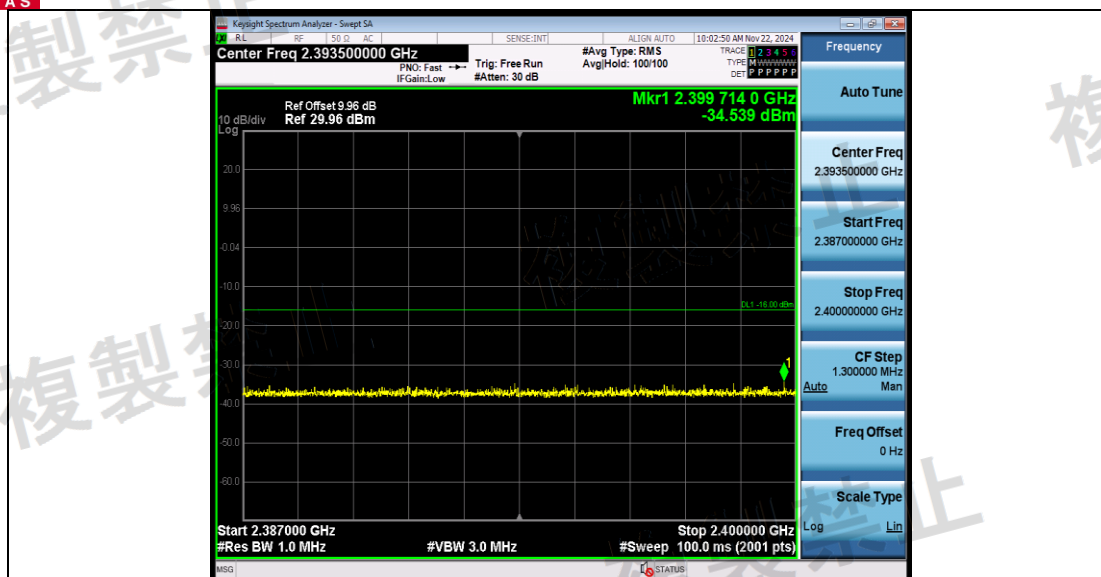
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

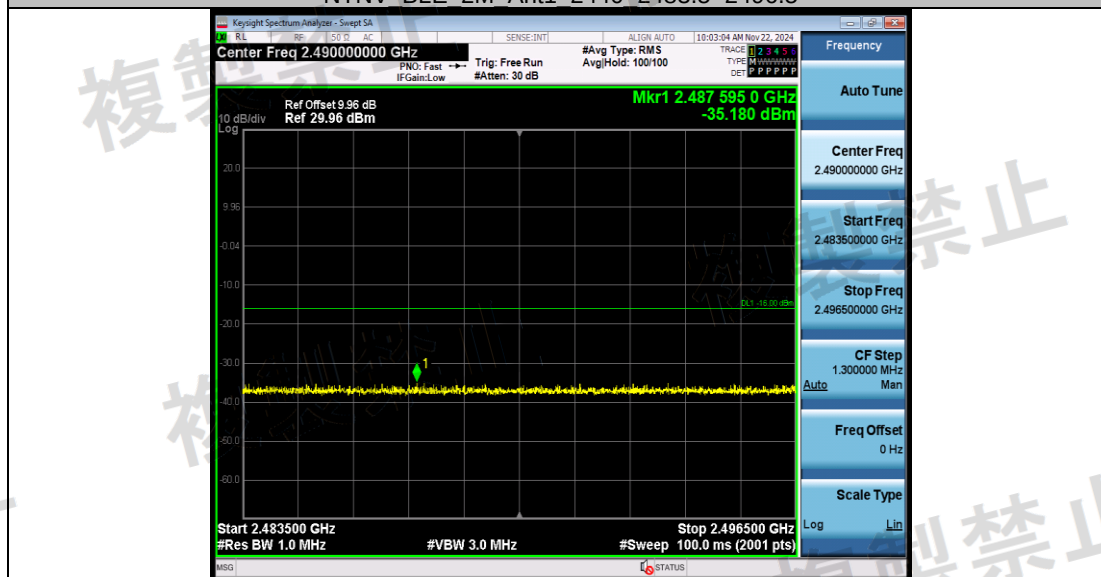


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2440_2483.5~2496.5



NTNV_BLE_2M_Ant1_2440_2496.5~13000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

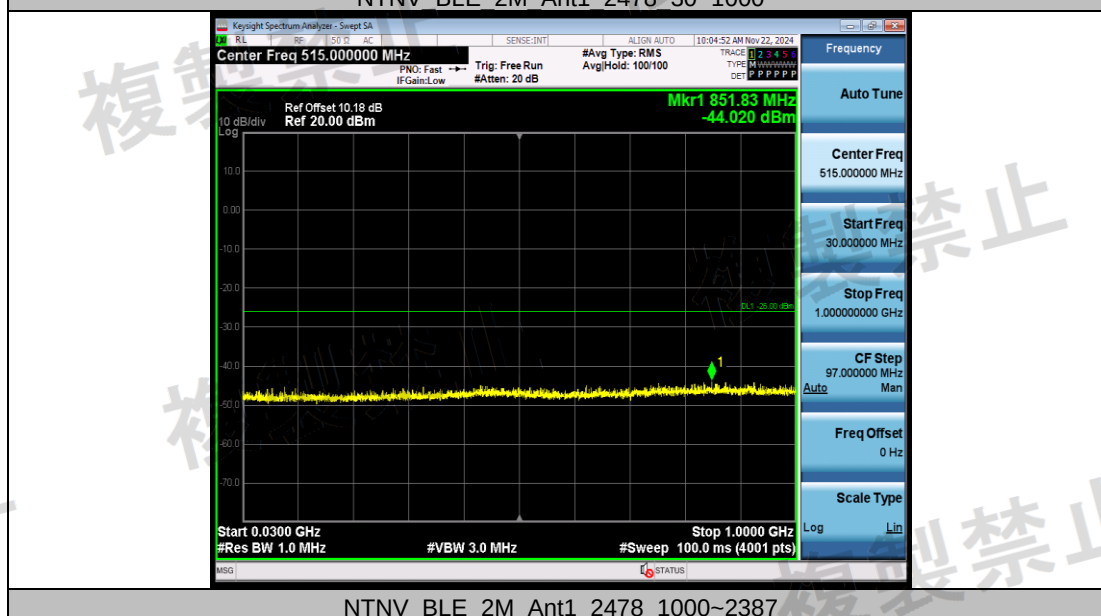
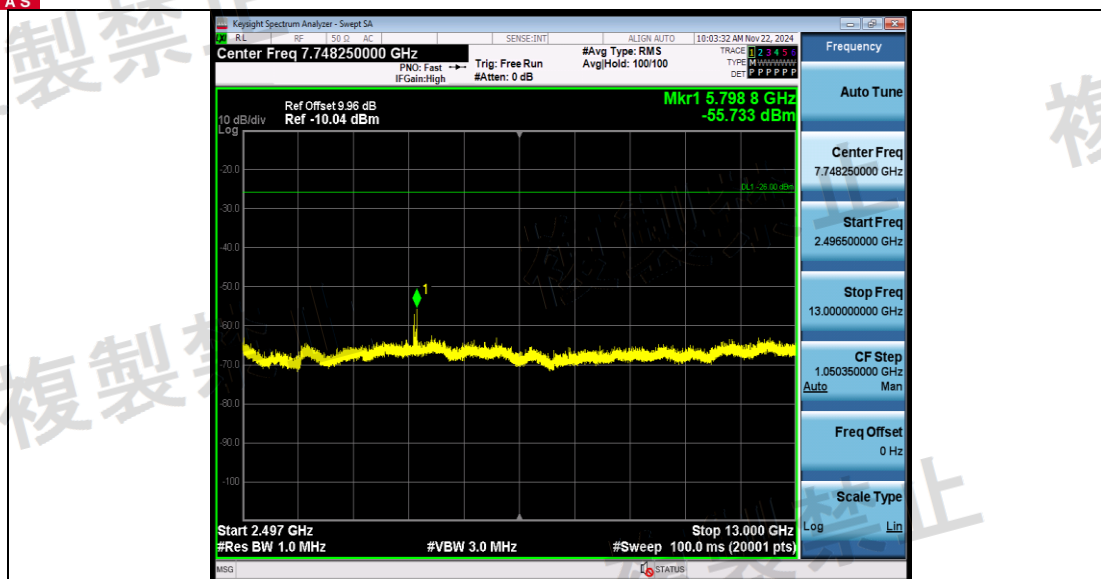
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

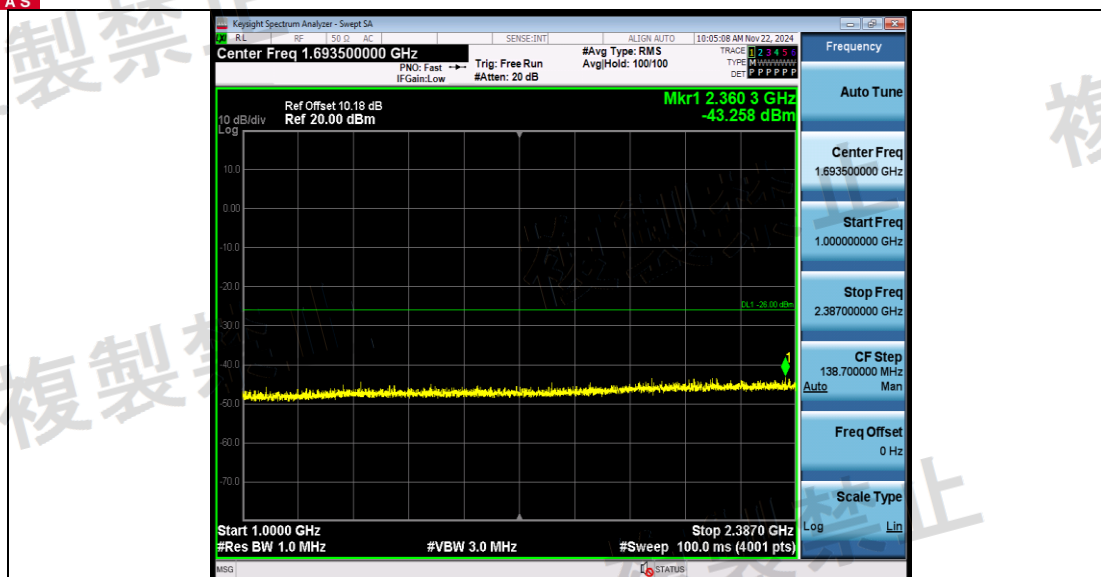
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

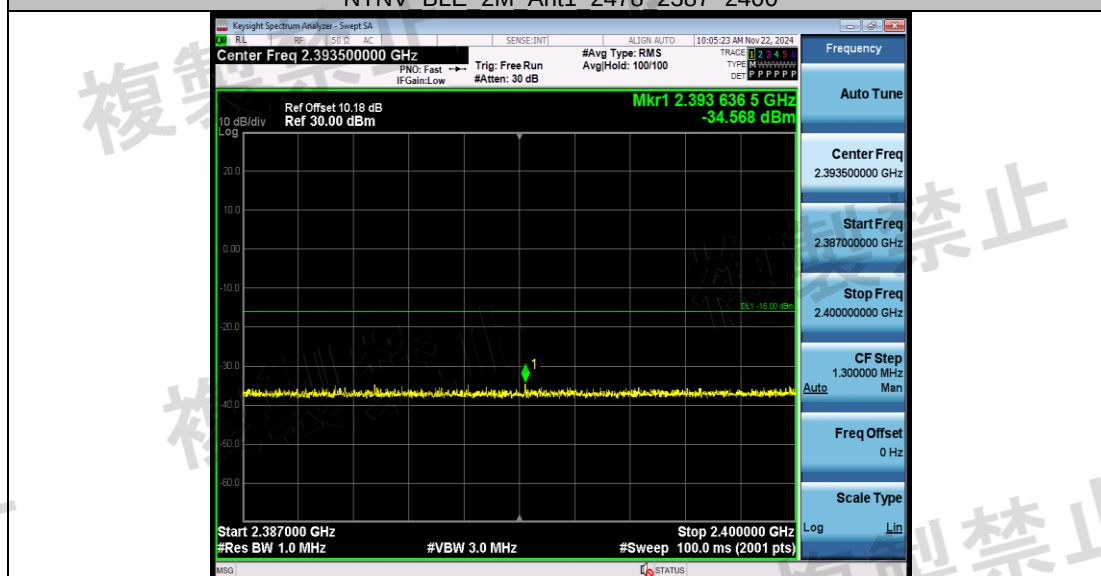


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2478 2387~2400



NTNV BLE 2M Ant1 2478 2483.5~2496.5

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

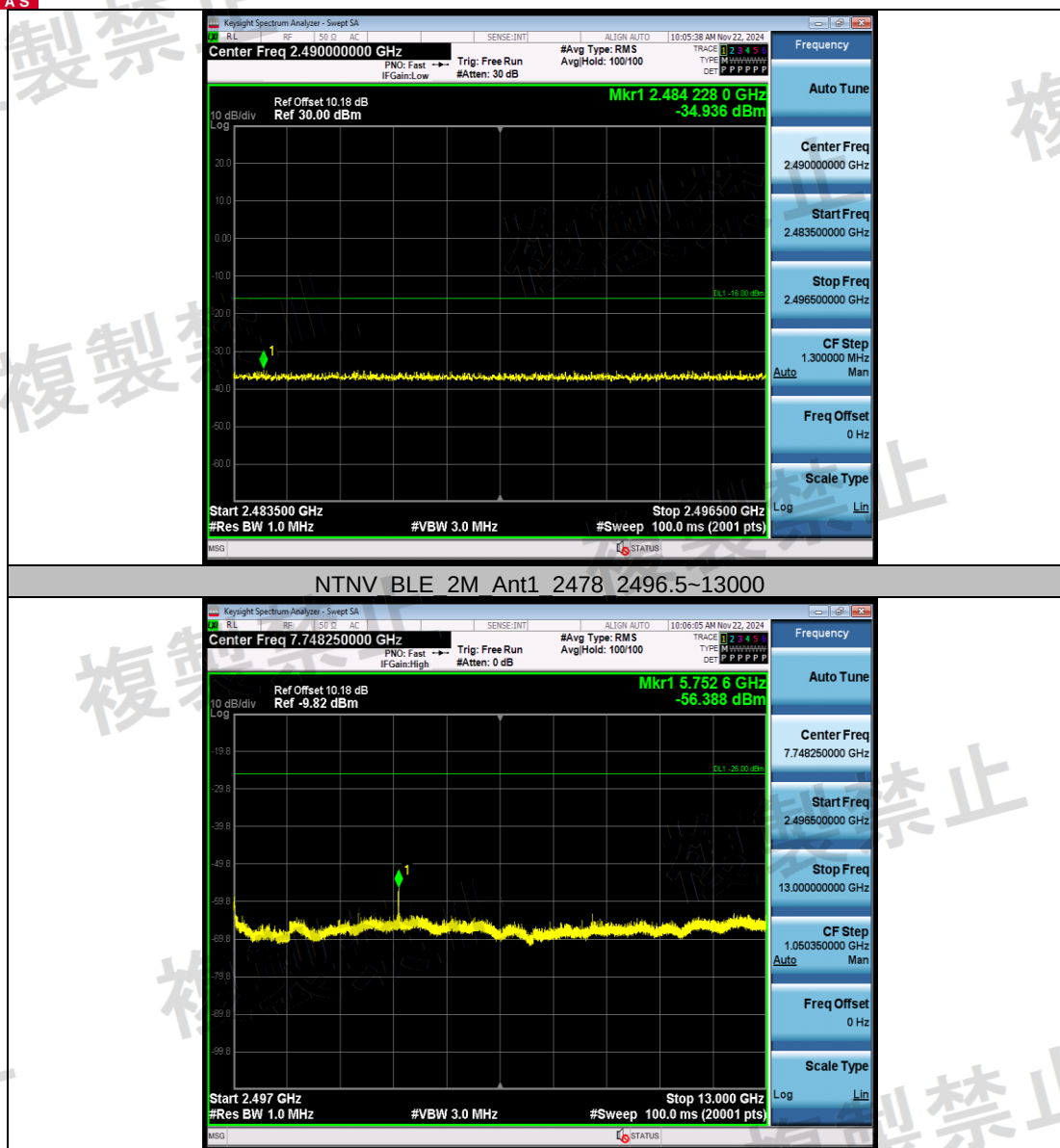
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

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	BLE_1M	Ant1	2402	30~1000	79.96	-73.63	≤-54	0.04335	≤4	PASS
				1000~12500	2461.65	-52.74	≤-47	5.32108	≤20	See table below
			2440	30~1000	79.96	-74.59	≤-54	0.03475	≤4	PASS
				1000~12500	2451.3	-41.47	≤-47	71.28530	≤20	See table below
			2480	30~1000	79.96	-72.82	≤-54	0.05224	≤4	PASS
				1000~12500	2455.9	-47.54	≤-47	17.61976	≤20	See table below
	BLE_2M	Ant1	2404	30~1000	79.96	-73.28	≤-54	0.04699	≤4	PASS
				1000~12500	2460.5	-43.88	≤-47	40.92607	≤20	See table below
			2440	30~1000	79.96	-73.84	≤-54	0.04130	≤4	PASS
				1000~12500	2447.85	-45.17	≤-47	30.40885	≤20	See table below
			2478	30~1000	359.80	-73.99	≤-54	0.03990	≤4	PASS
				1000~12500	2469.7	-47.40	≤-47	18.19701	≤20	See table below



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST RESULT_STEP2

TestCondition	TestMode	Antenna	Freq(MHz)	Freq.[MHz]	Result[dBm]	Limit[dBm]	Result[nW]	Limit[nW]	Verdict
NTNV	BLE_1M	Ant1	2402	2461.65	-65.01	≤-47	0.31550	≤20	PASS
			2440	2451.30	-67.08	≤-47	0.19588	≤20	PASS
			2480	2455.90	-50.46	≤-47	8.99498	≤20	PASS
	BLE_2M	Ant1	2404	2460.50	-66.80	≤-47	0.20893	≤20	PASS
			2440	2447.85	-67.15	≤-47	0.19275	≤20	PASS
			2478	2469.70	-66.67	≤-47	0.21528	≤20	PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

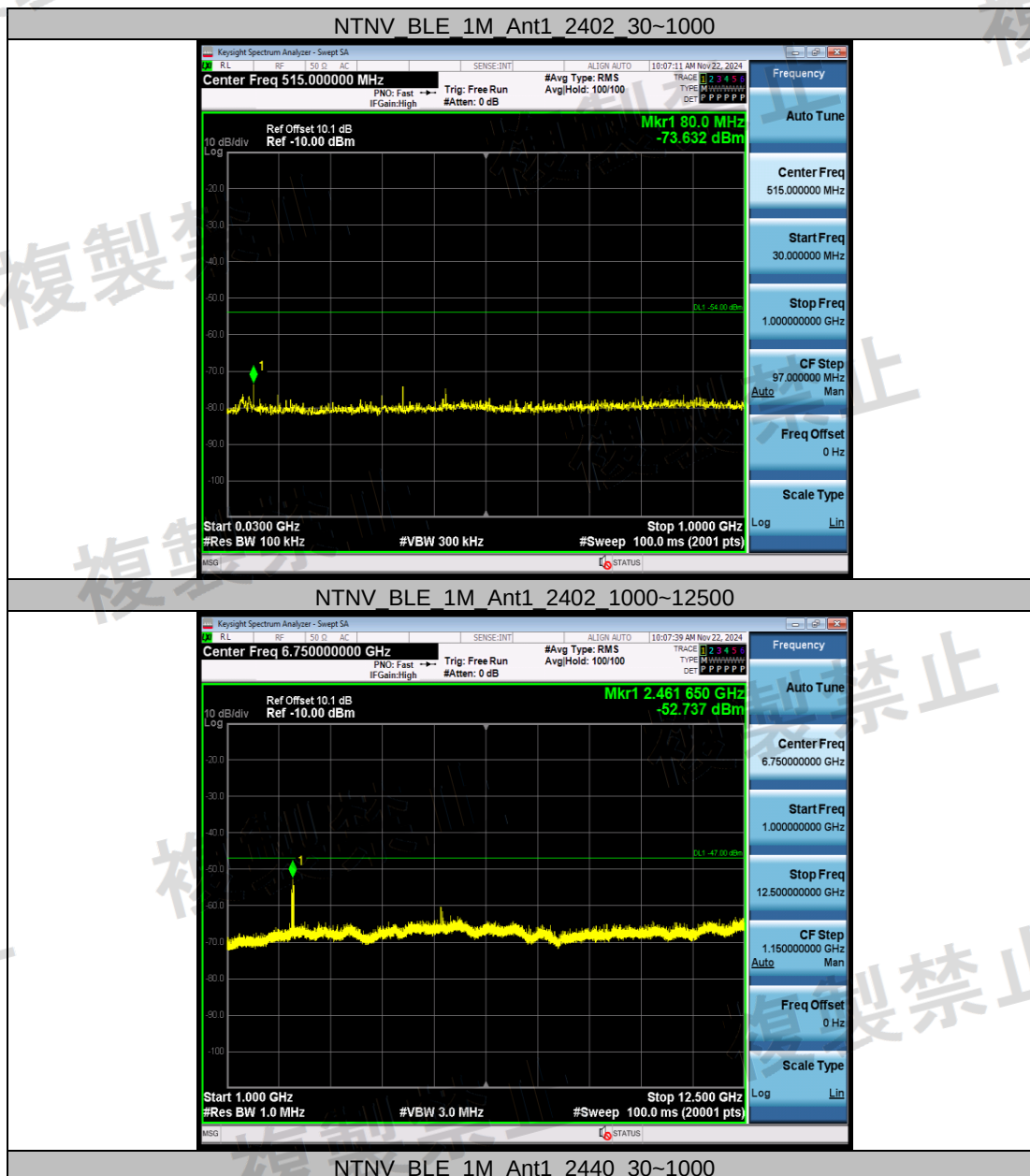
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

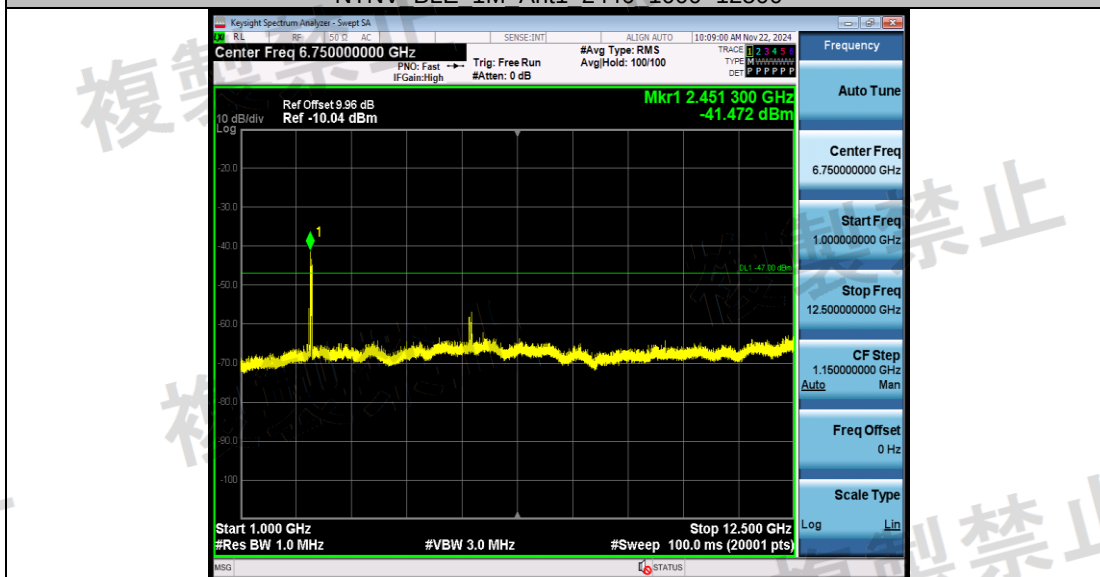
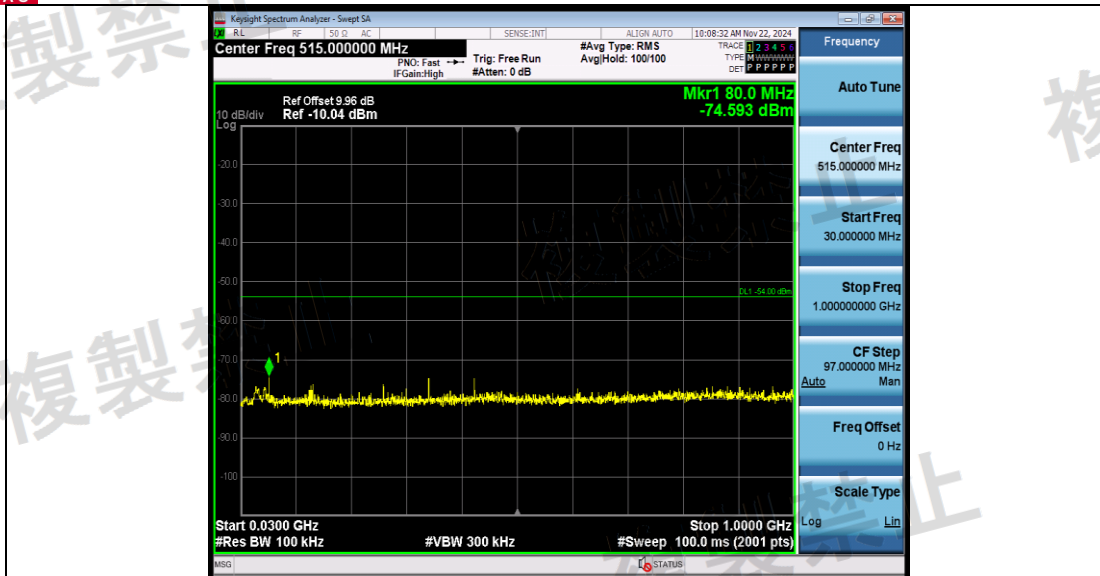
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

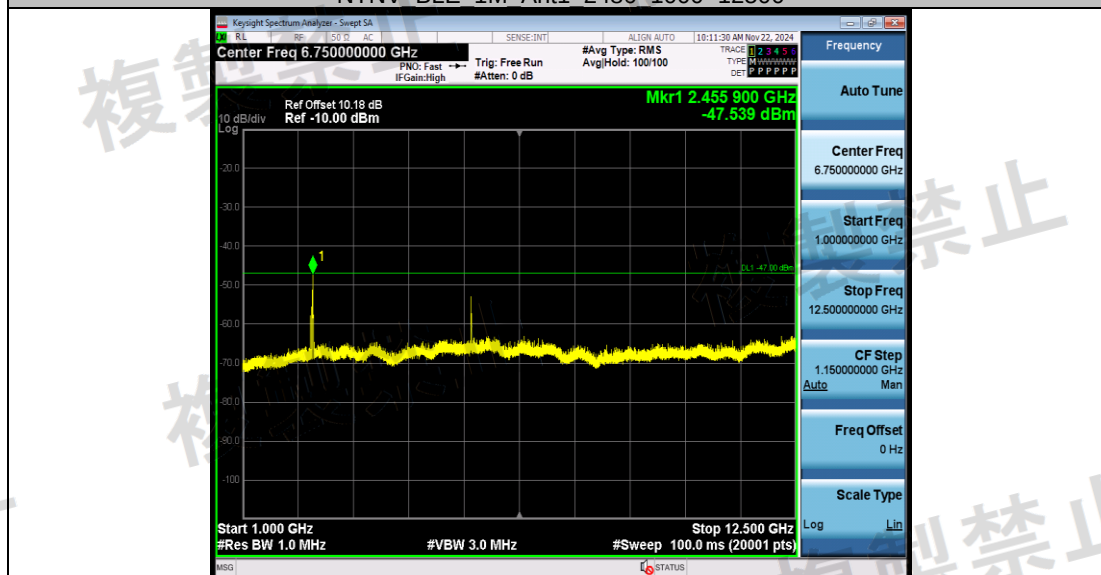


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 1M Ant1 2480 1000~12500



NTNV BLE 2M Ant1 2404 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

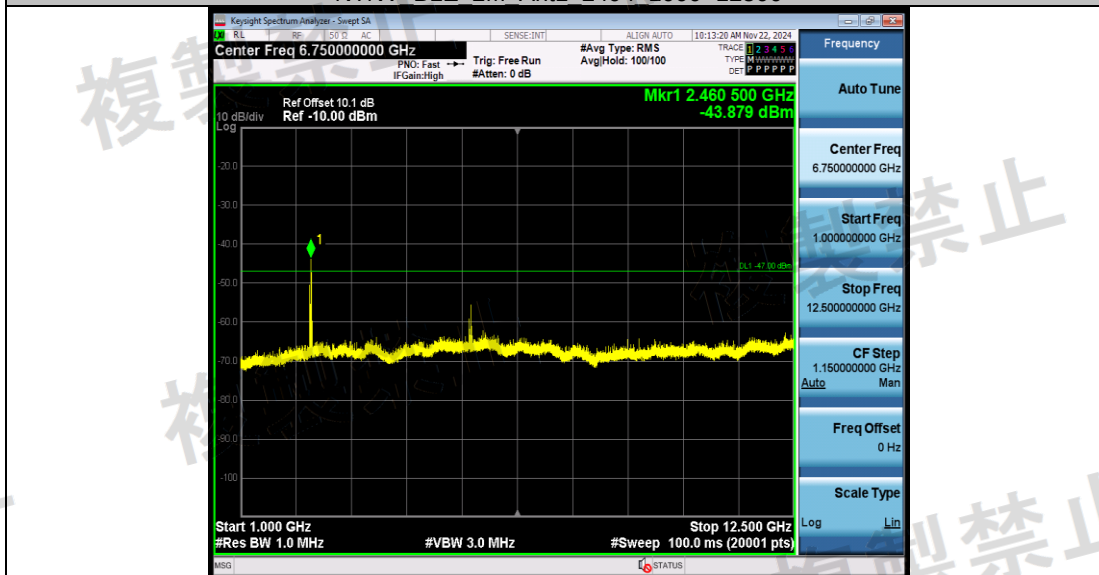


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2404 1000~12500



NTNV BLE 2M Ant1 2440 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

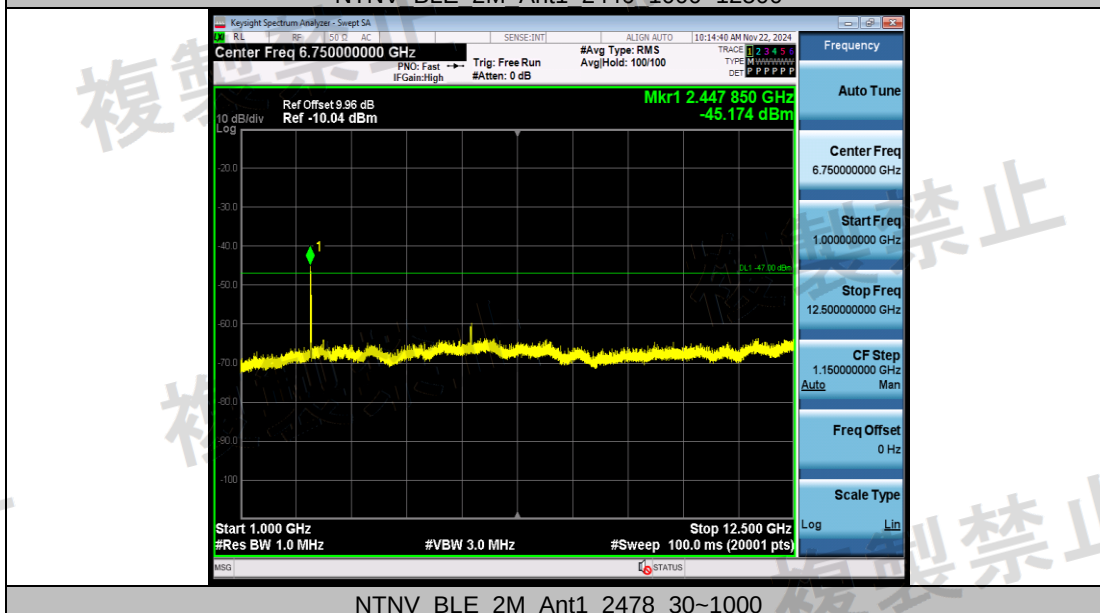
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

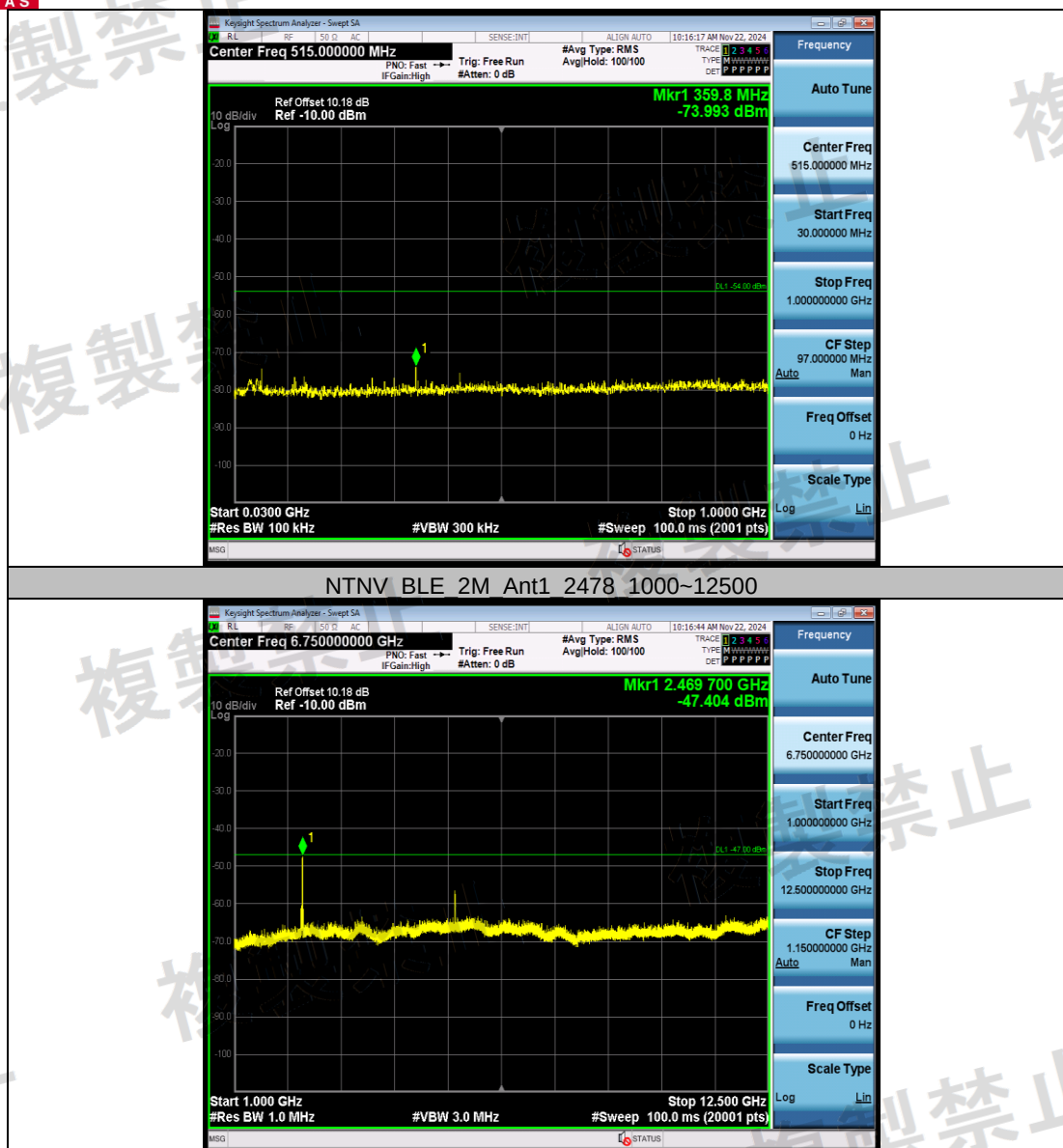
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS_STEP2



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

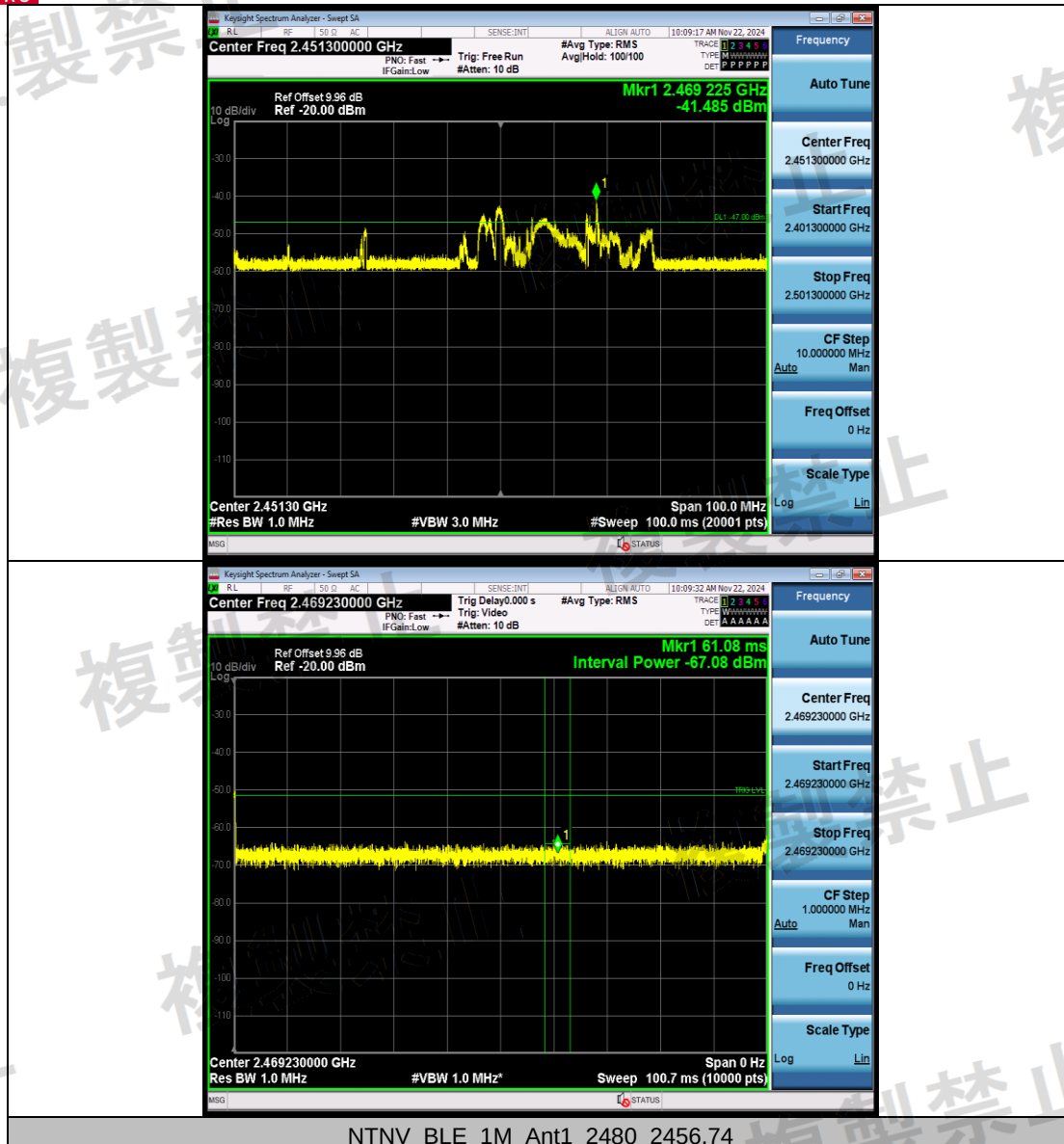
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 1M Ant1 2480 2456.74

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

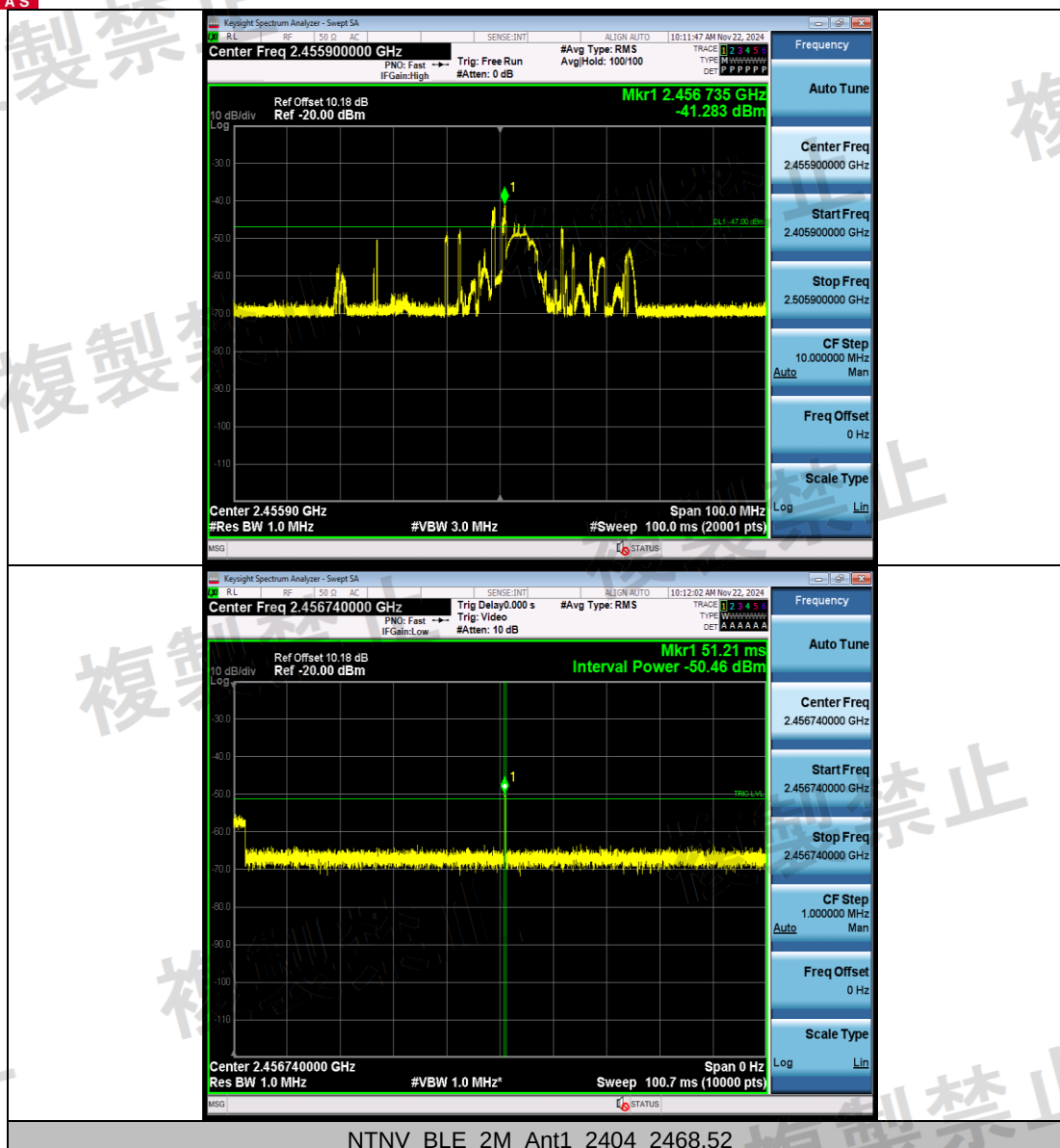
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2404 2468.52

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

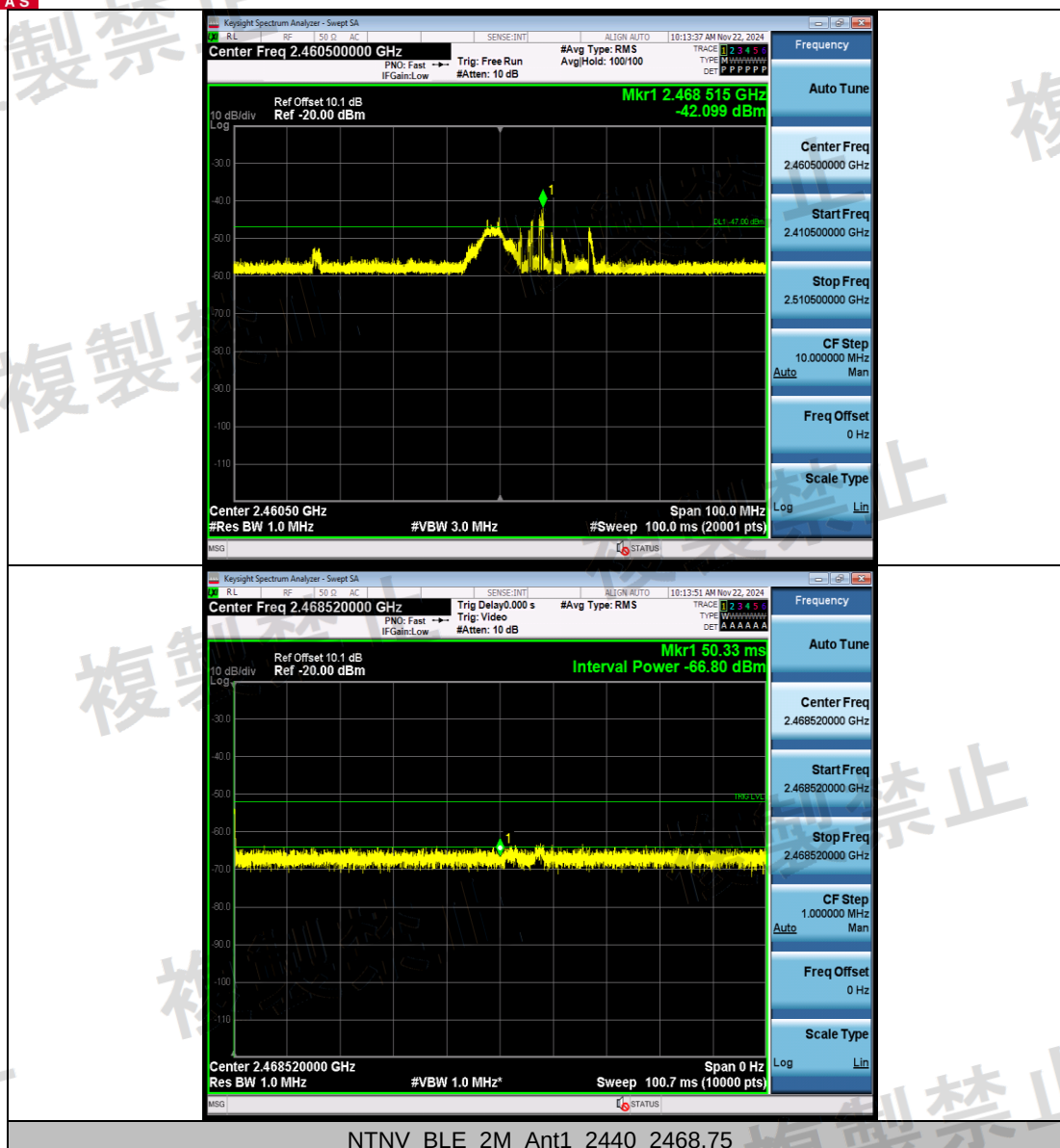
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2440 2468.75

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

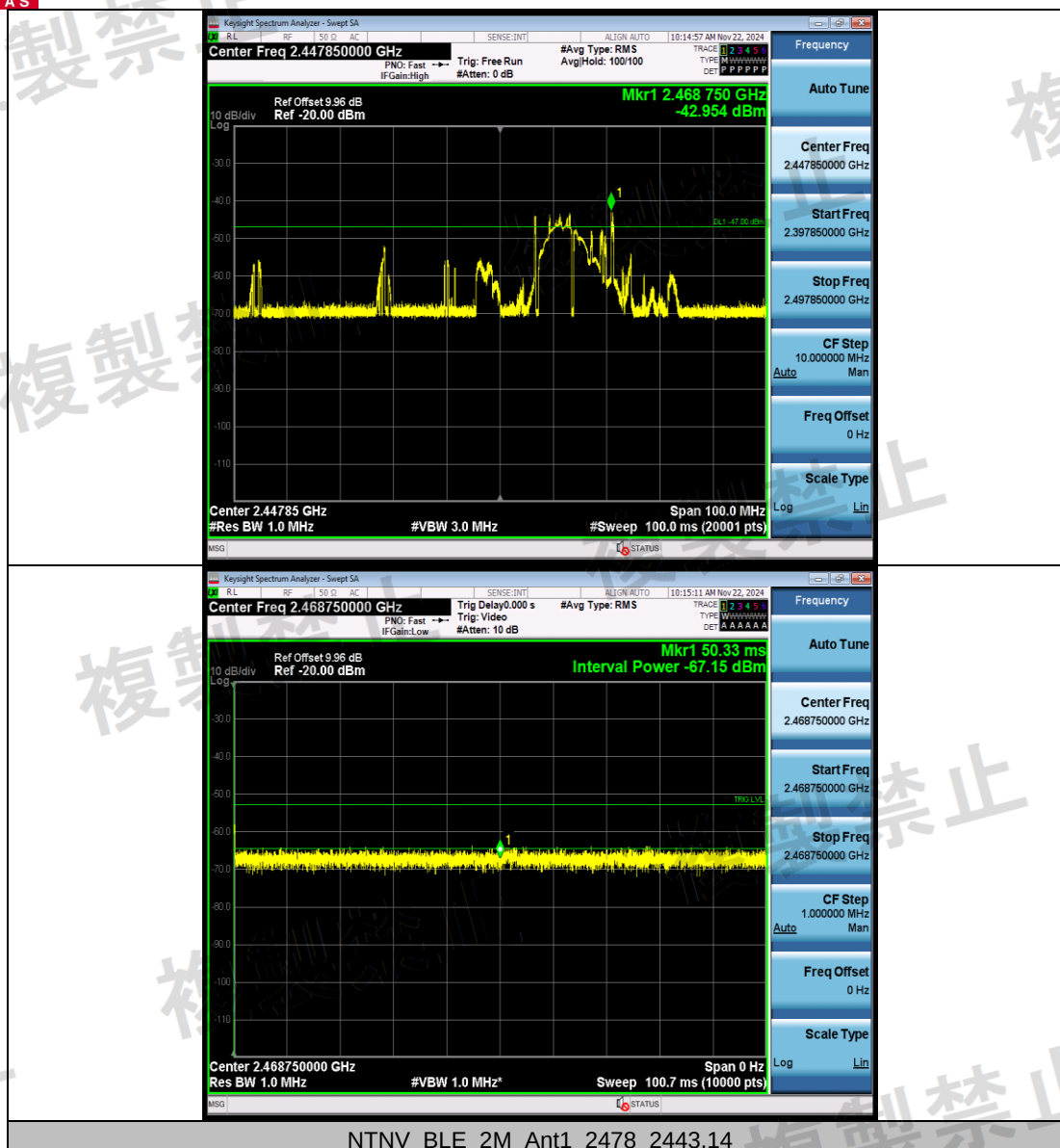
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2478 2443.14

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

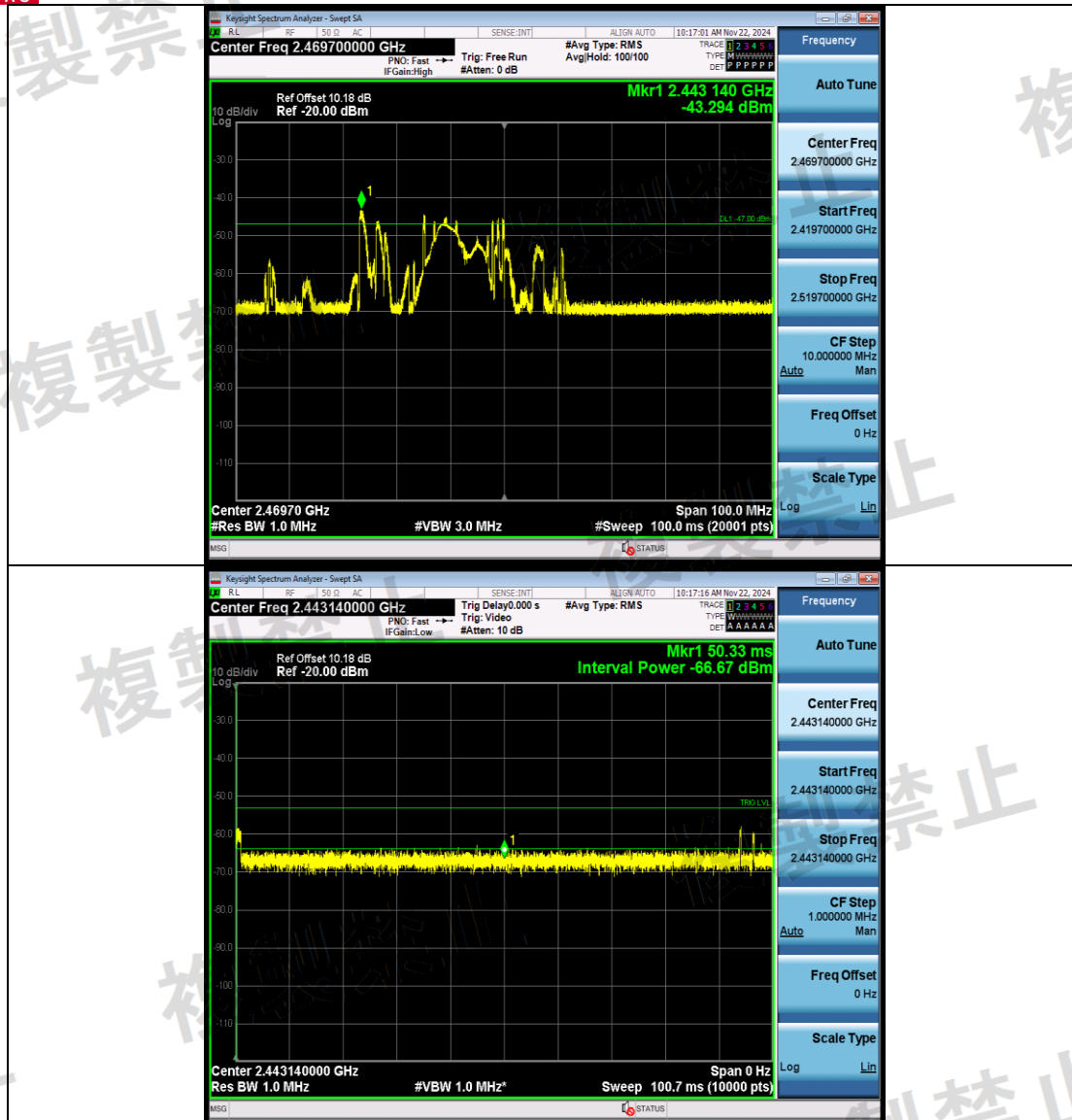
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

Left Earphone

BLE

Frequency Error

TEST RESULT

TestCondition	TestMode	Antenna	Freq(MHz)	CenterFreq [MHz]	Result[ppm]	Limit[ppm]	Verdict
NTNV	BLE_1M	Ant1	2402	2402.006	+2.49792	±50	PASS
			2440	2440.015	+6.14754	±50	PASS
			2480	2480.009	+3.62903	±50	PASS
NTNV	BLE_2M		2404	2404.108	+44.92513	±50	PASS
			2440	2440.015	+6.14754	±50	PASS
			2478	2478.102	+41.16223	±50	PASS

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

Antenna Power

TEST RESULT

Antenna Power							
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	Result (mW)	Limit (mW)	Verdict
NTNV	BLE_1M	Ant1	2402	6.27	4.2364	≤10	PASS
			2440	6.10	4.0738	≤10	PASS
			2480	5.91	3.8994	≤10	PASS
	BLE_2M	Ant1	2404	6.25	4.2170	≤10	PASS
			2440	6.11	4.0832	≤10	PASS
			2478	5.92	3.9084	≤10	PASS

Tolerance								
Test Condition	Test Mode	Antenna	Freq (MHz)	Power (mW)	Rated Power (mW)	Result (%)	Limit (%)	Verdict
NTNV	BLE_1M	Ant1	2402	4.2364	5	-15.27	-80 to +20	PASS
			2440	4.0738	5	-18.52	-80 to +20	PASS
			2480	3.8994	5	-22.01	-80 to +20	PASS
	BLE_2M	Ant1	2404	4.2170	5	-15.66	-80 to +20	PASS
			2440	4.0832	5	-18.34	-80 to +20	PASS
			2478	3.9084	5	-21.83	-80 to +20	PASS

EIRP									
TestCondition	TestMode	Antenna	Freq (MHz)	Result (dBm)	ANT GAIN(dBi)	EIRP (dBm)	EIRP (mW)	Limit (dBm)	Verdict
NTNV	BLE_1M	Ant1	2402	6.27	-7.06	-0.79	0.83	≤12.14	PASS
			2440	6.10	-7.06	-0.96	0.80	≤12.14	PASS
			2480	5.91	-7.06	-1.15	0.77	≤12.14	PASS
	BLE_2M	Ant1	2404	6.25	-7.06	-0.81	0.83	≤12.14	PASS
			2440	6.11	-7.06	-0.95	0.80	≤12.14	PASS
			2478	5.92	-7.06	-1.14	0.77	≤12.14	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

Occupied Bandwidth

TEST RESULT

TestCondition	TestMode	Antenna	Freq(MHz)	Result [MHz]	Limit [MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	1.660	≤26	PASS
			2440	1.694	≤26	PASS
			2480	1.736	≤26	PASS
	BLE_2M	Ant1	2404	2.447	≤26	PASS
			2440	2.468	≤26	PASS
			2478	2.471	≤26	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

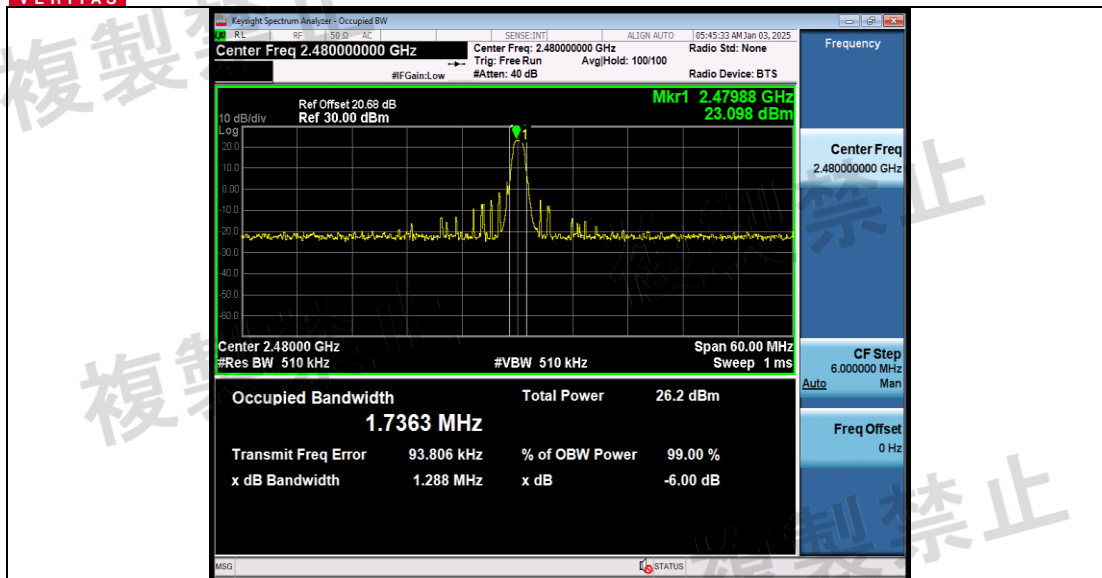
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

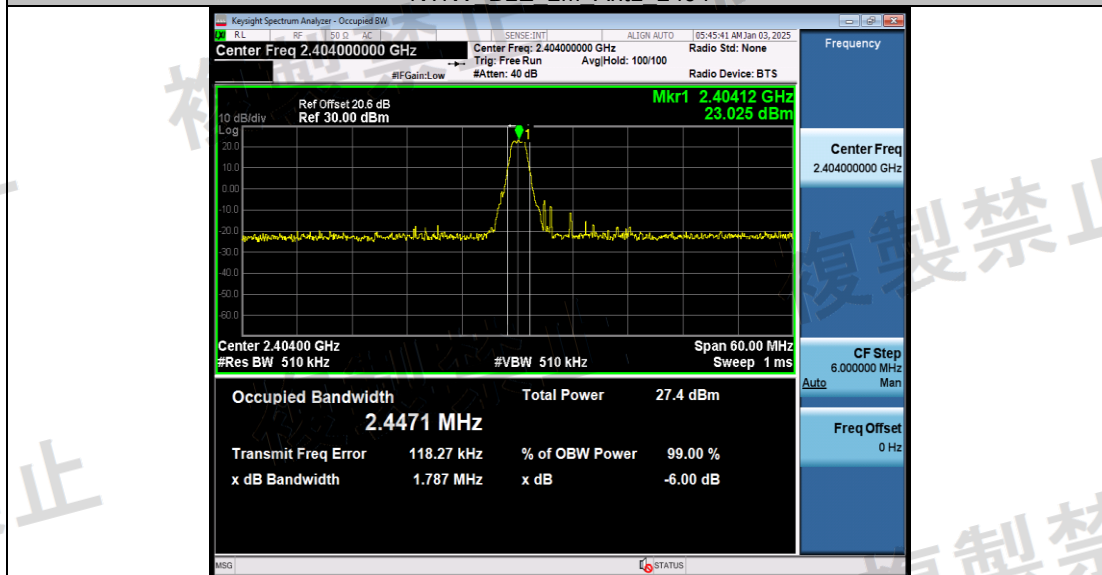


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404



NTNV_BLE_2M_Ant1_2440

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

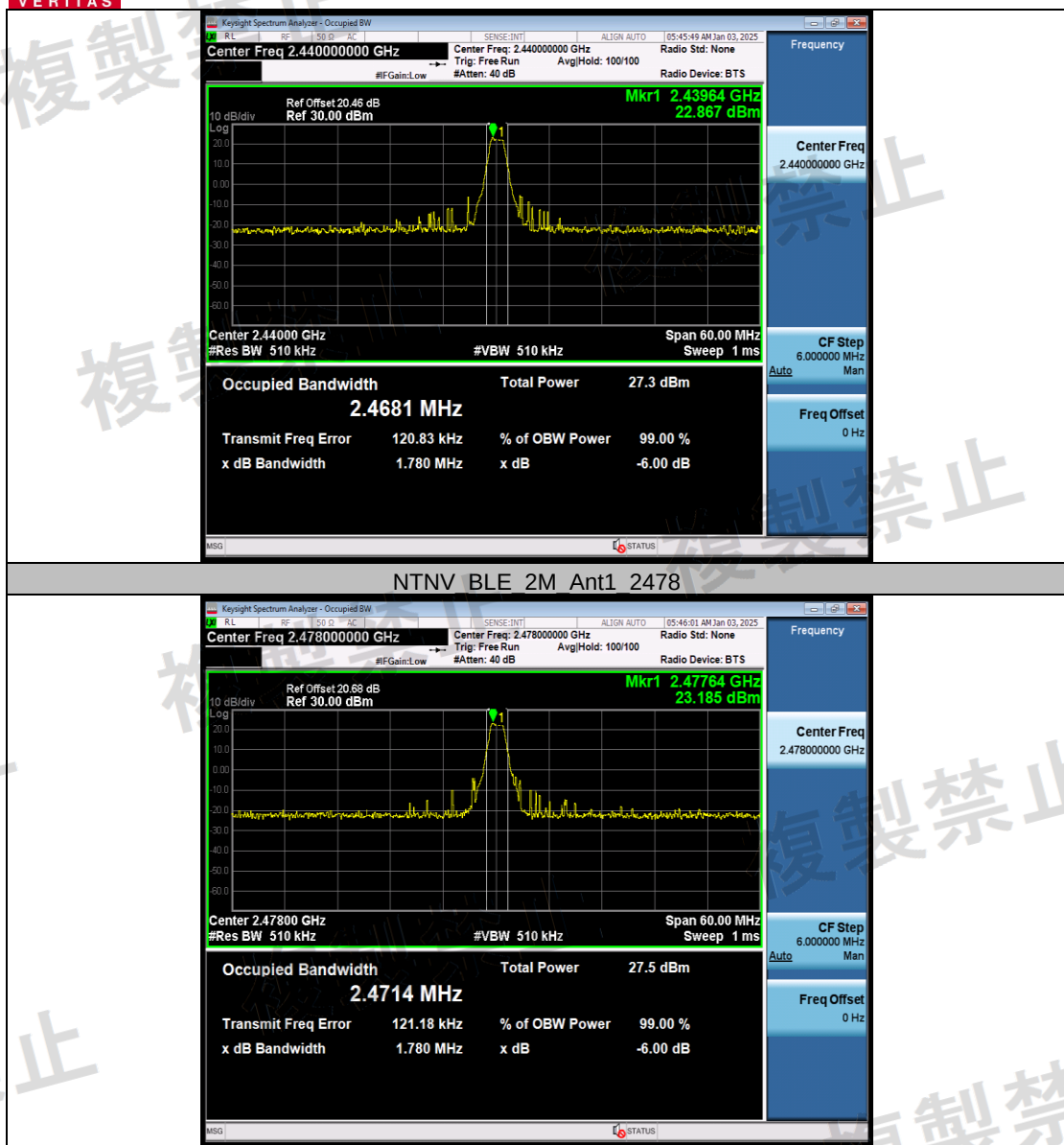
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



Spurious Emission of TX

TEST RESULT

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm/MHz z]	Limit [dBm/MHz]	Result [μW/MHz z]	Limit [μW/MHz]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	-44.14	≤-26	0.03855	≤2.5	PASS
				1000~2387	-43.61	≤-26	0.04355	≤2.5	PASS
				2387~2400	-26.29	≤-16	2.34963	≤25	PASS
				2483.5~2496.5	-34.50	≤-16	0.35481	≤25	PASS
				2496.5~13000	-58.38	≤-26	0.00145	≤2.5	PASS
			2440	30~1000	-44.24	≤-26	0.03767	≤2.5	PASS
				1000~2387	-43.95	≤-26	0.04027	≤2.5	PASS
				2387~2400	-35.44	≤-16	0.28576	≤25	PASS
				2483.5~2496.5	-34.81	≤-16	0.33037	≤25	PASS
				2496.5~13000	-57.36	≤-26	0.00184	≤2.5	PASS
			2480	30~1000	-44.29	≤-26	0.03724	≤2.5	PASS
				1000~2387	-43.45	≤-26	0.04519	≤2.5	PASS
				2387~2400	-35.06	≤-16	0.31189	≤25	PASS
				2483.5~2496.5	-33.97	≤-16	0.40087	≤25	PASS
				2496.5~13000	-59.10	≤-26	0.00123	≤2.5	PASS
	BLE_2M	Ant1	2404	30~1000	-32.53	≤-26	0.55847	≤2.5	PASS
				1000~2387	-32.65	≤-26	0.54325	≤2.5	PASS
				2387~2400	-24.46	≤-16	3.58096	≤25	PASS
				2483.5~2496.5	-24.13	≤-16	3.86367	≤25	PASS
				2496.5~13000	-52.68	≤-26	0.00540	≤2.5	PASS
			2440	30~1000	-44.02	≤-26	0.03963	≤2.5	PASS
				1000~2387	-42.64	≤-26	0.05445	≤2.5	PASS
				2387~2400	-35.45	≤-16	0.28510	≤25	PASS
				2483.5~2496.5	-34.21	≤-16	0.37931	≤25	PASS
				2496.5~13000	-55.73	≤-26	0.00267	≤2.5	PASS
			2478	30~1000	-33.64	≤-26	0.43251	≤2.5	PASS
				1000~2387	-33.12	≤-26	0.48753	≤2.5	PASS
				2387~2400	-24.47	≤-16	3.57273	≤25	PASS
				2483.5~2496.5	-15.51	≤-16	28.1190 1	≤25.1	See table below
				2496.5~13000	-37.45	≤-26	0.17989	≤2.5	PASS

TEST RESULT_STEP2

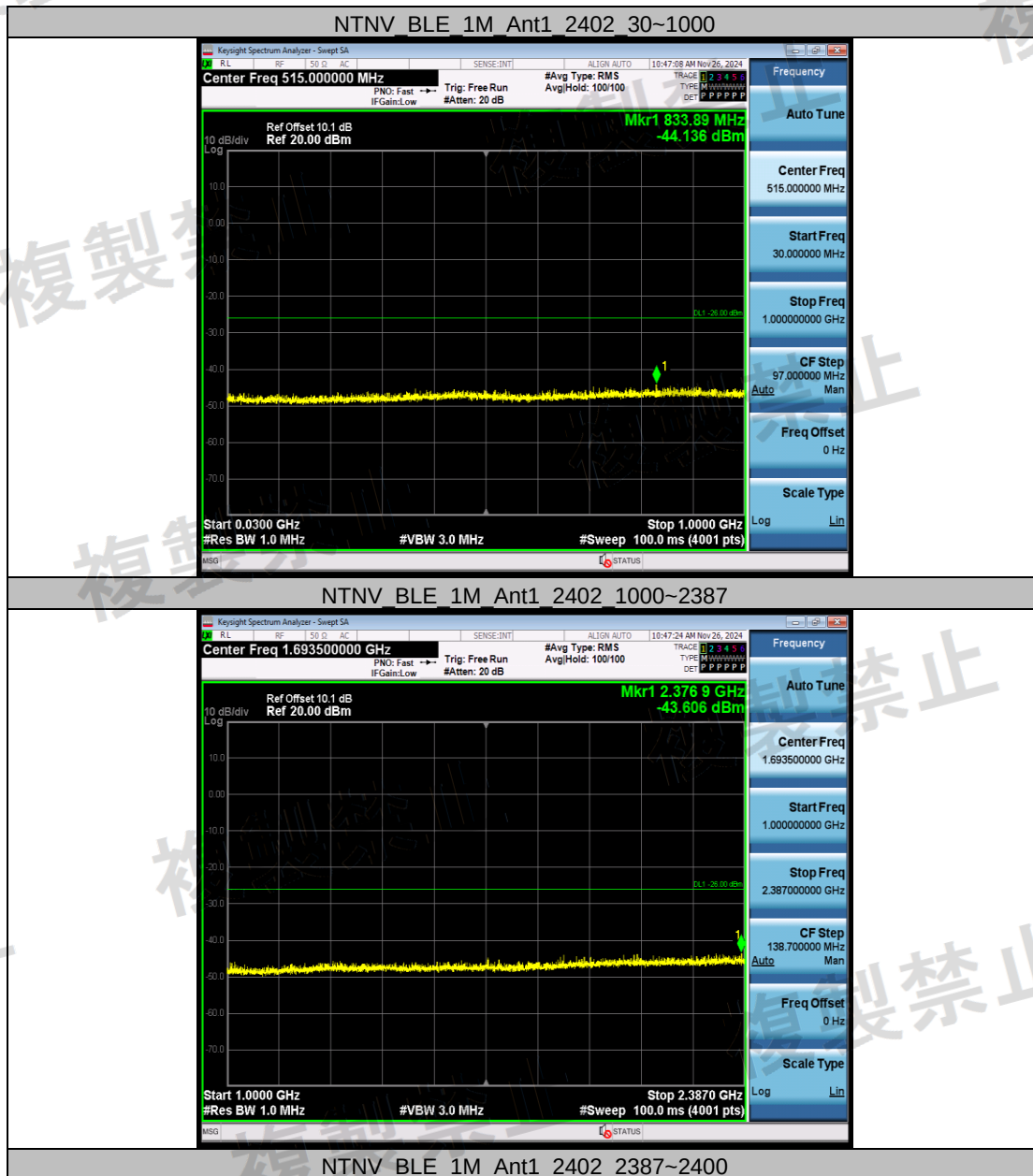
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [μW/MHz z]	Limit [μW/MHz]	Verdict
NTNV	BLE_2M	Ant1	2478	2483.51	-45.20	≤-16	0.03020	≤25	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

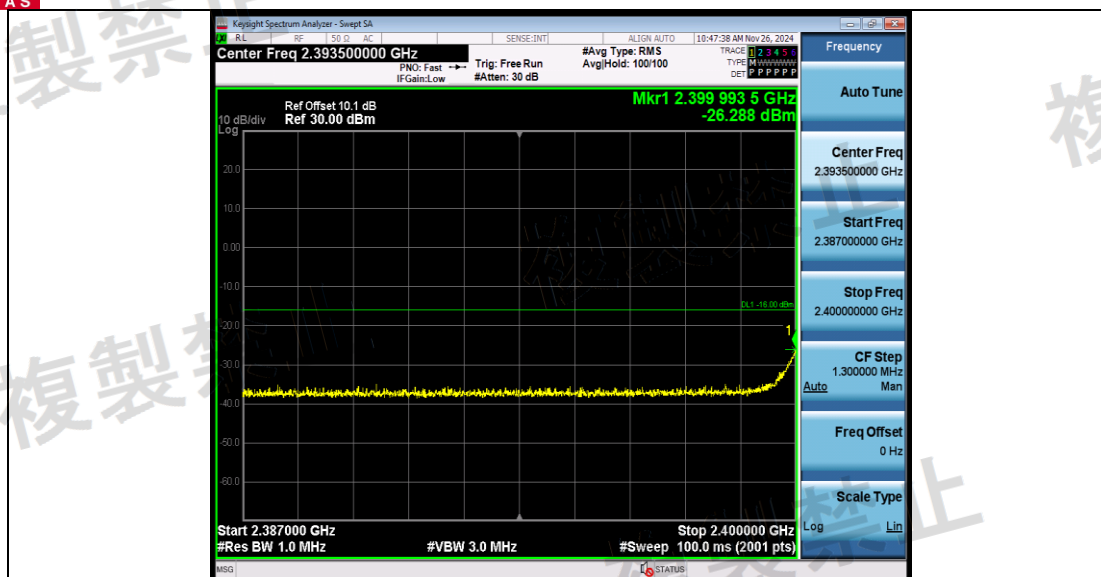
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com

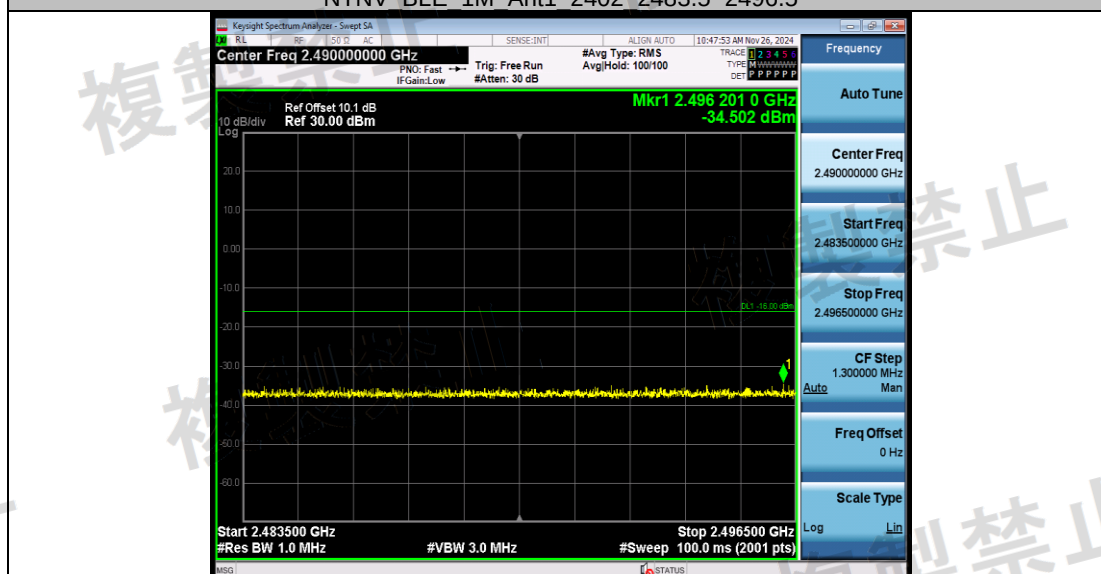


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2402_2483.5~2496.5



NTNV_BLE_1M_Ant1_2402_2496.5~13000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

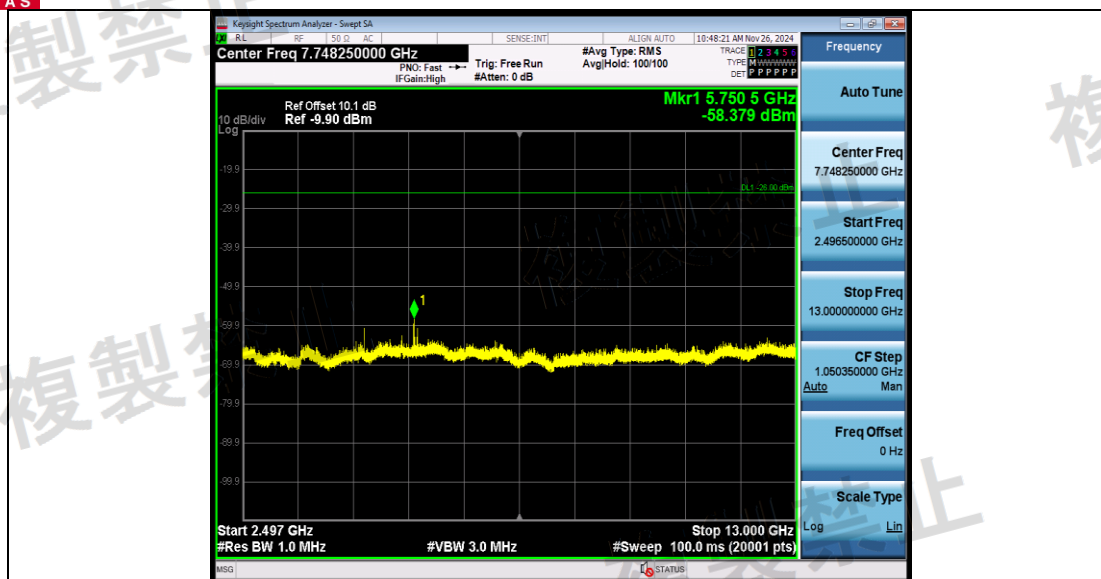
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2440_30~1000



NTNV_BLE_1M_Ant1_2440_1000~2387

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

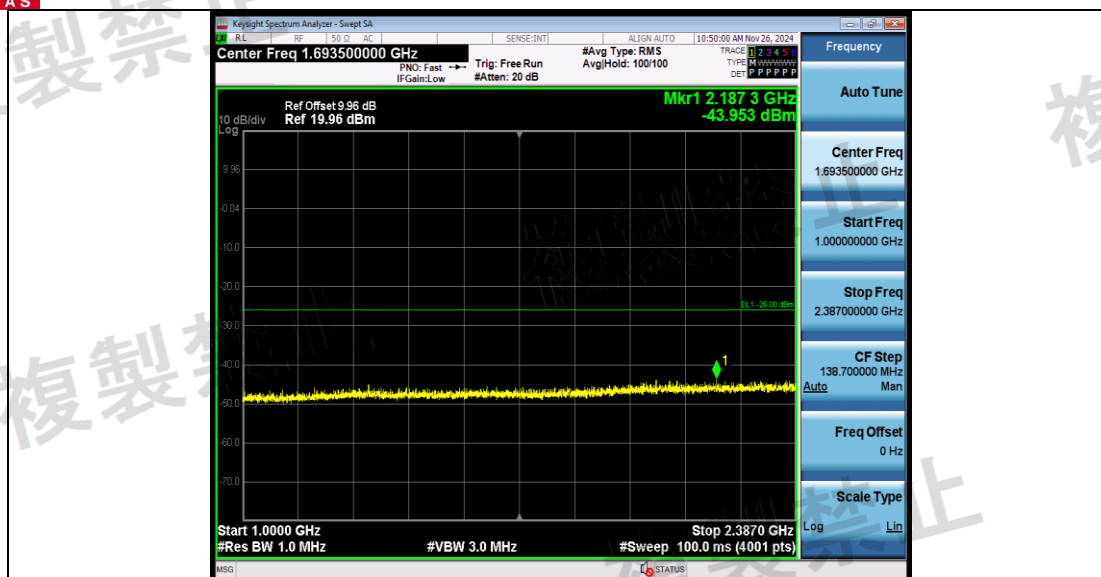
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

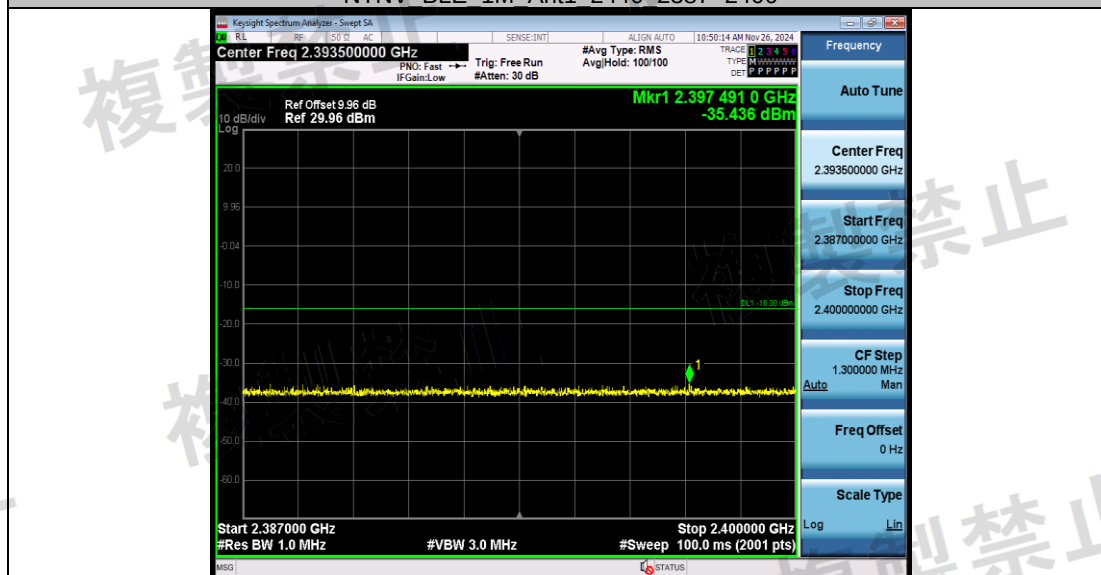


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2440_2387~2400



NTNV_BLE_1M_Ant1_2440_2483.5~2496.5

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

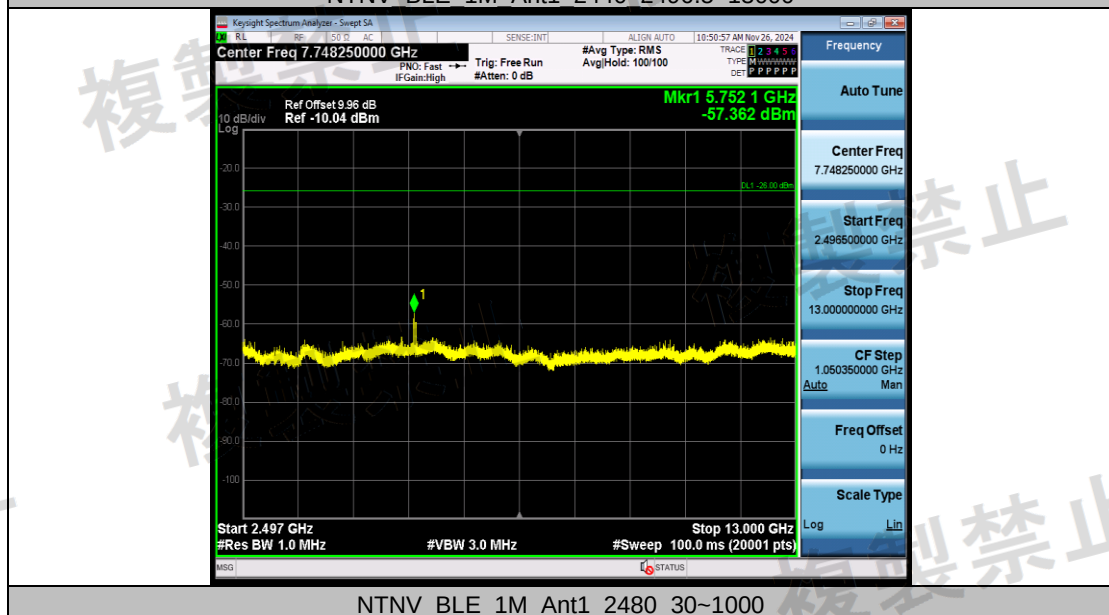
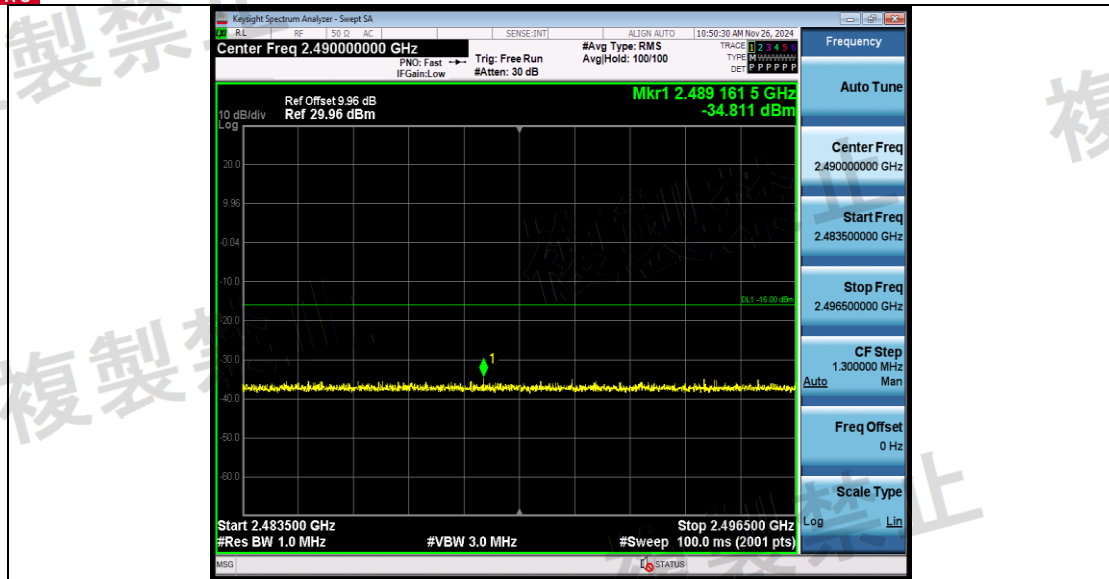
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_1M_Ant1_2480_1000~2387



NTNV_BLE_1M_Ant1_2480_2387~2400

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

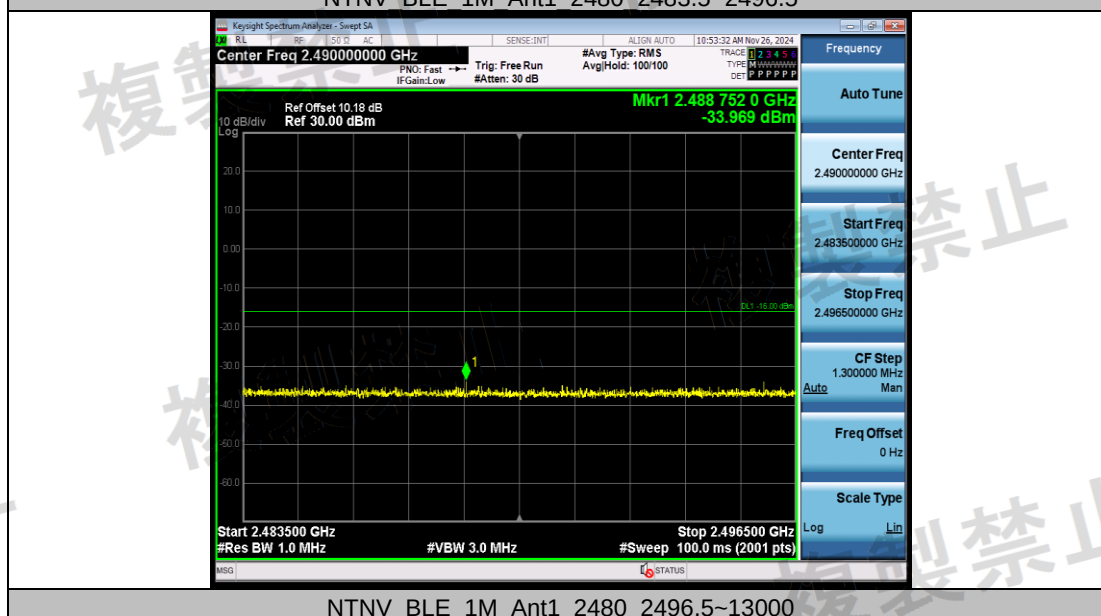
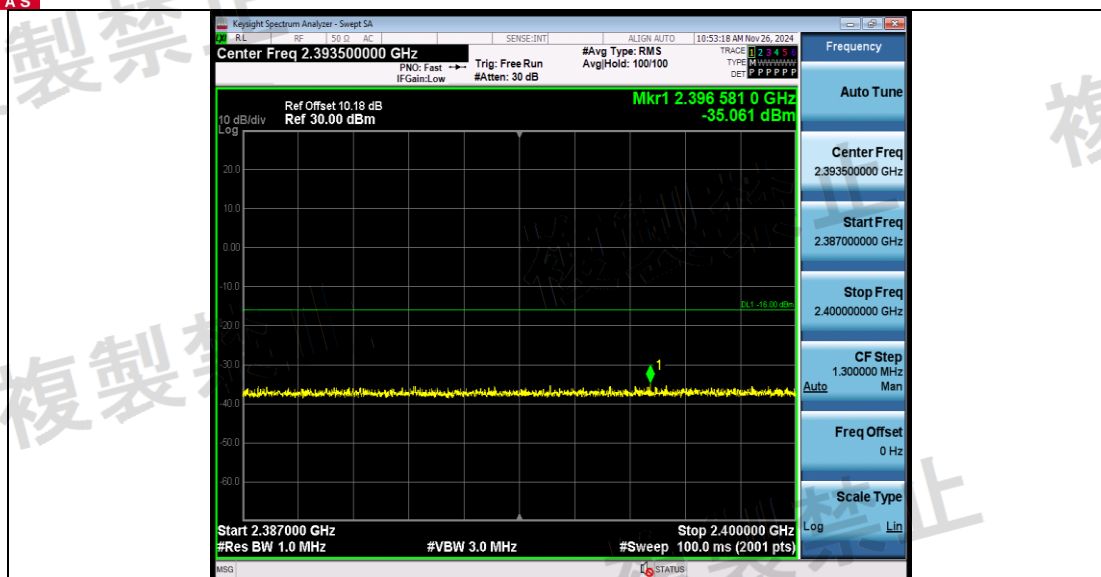
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

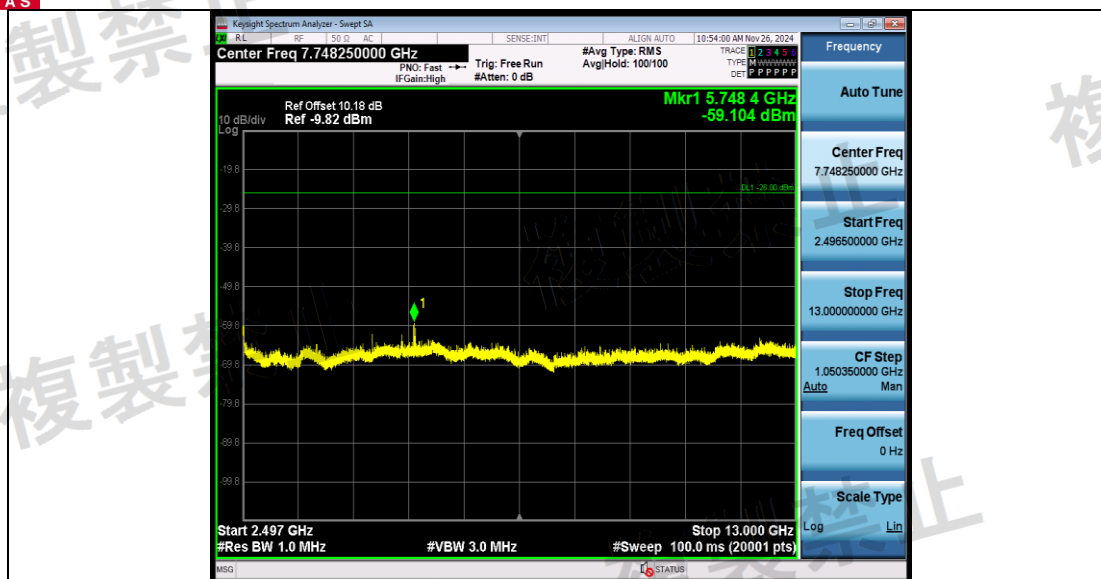
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404_30~1000



NTNV_BLE_2M_Ant1_2404_1000~2387

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

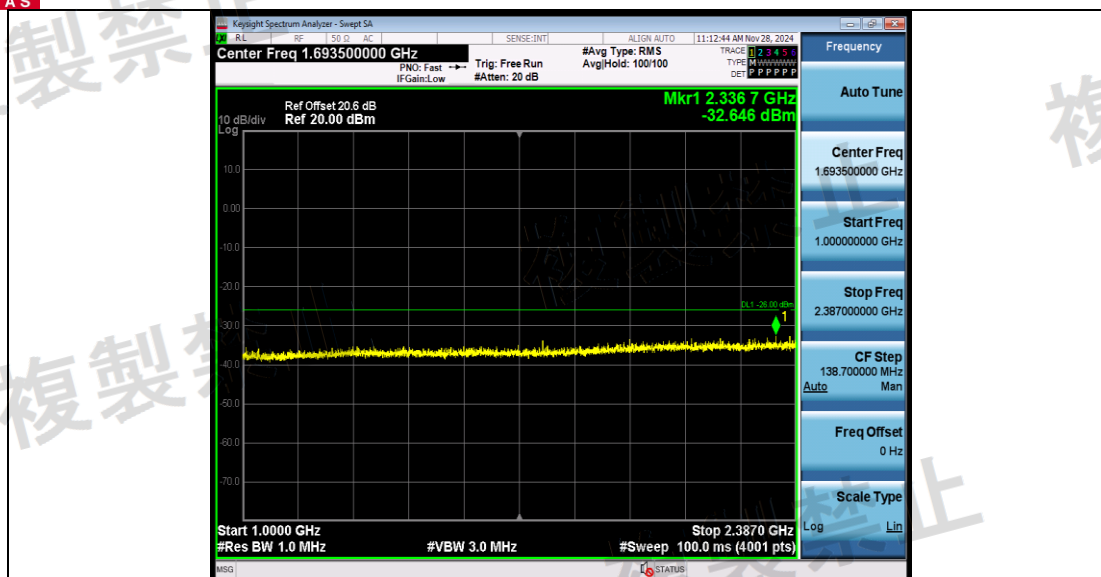
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

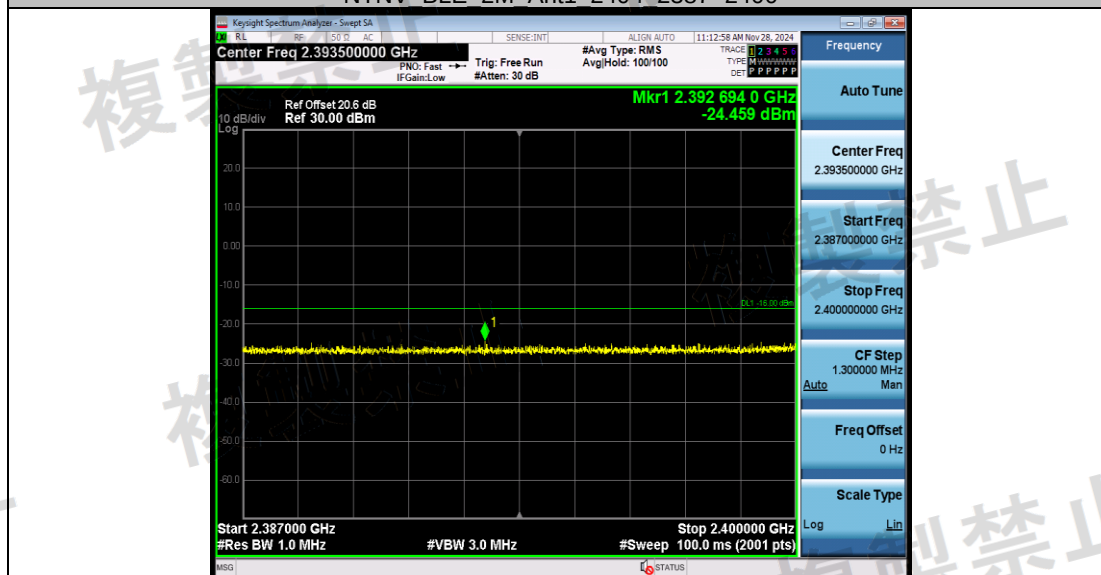


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404_2387~2400



NTNV_BLE_2M_Ant1_2404_2483.5~2496.5

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

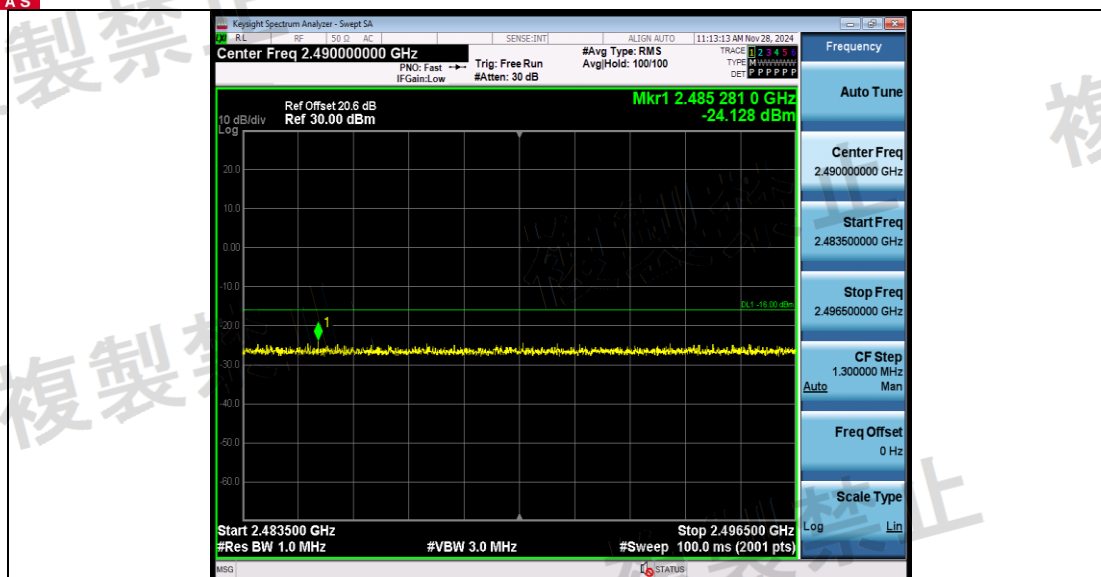
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

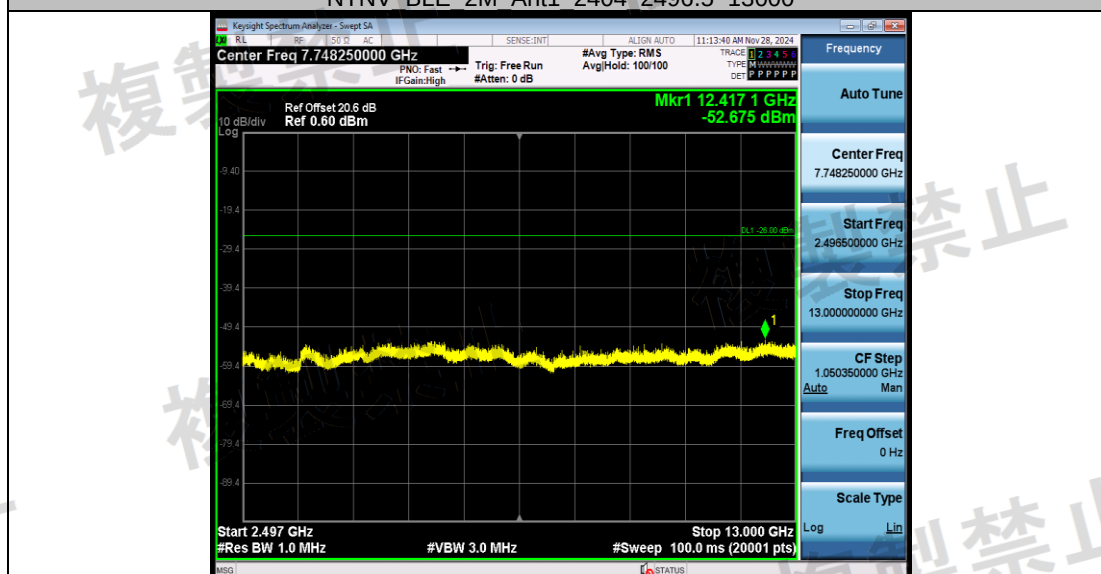


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404_2496.5~13000



NTNV_BLE_2M_Ant1_2440_30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

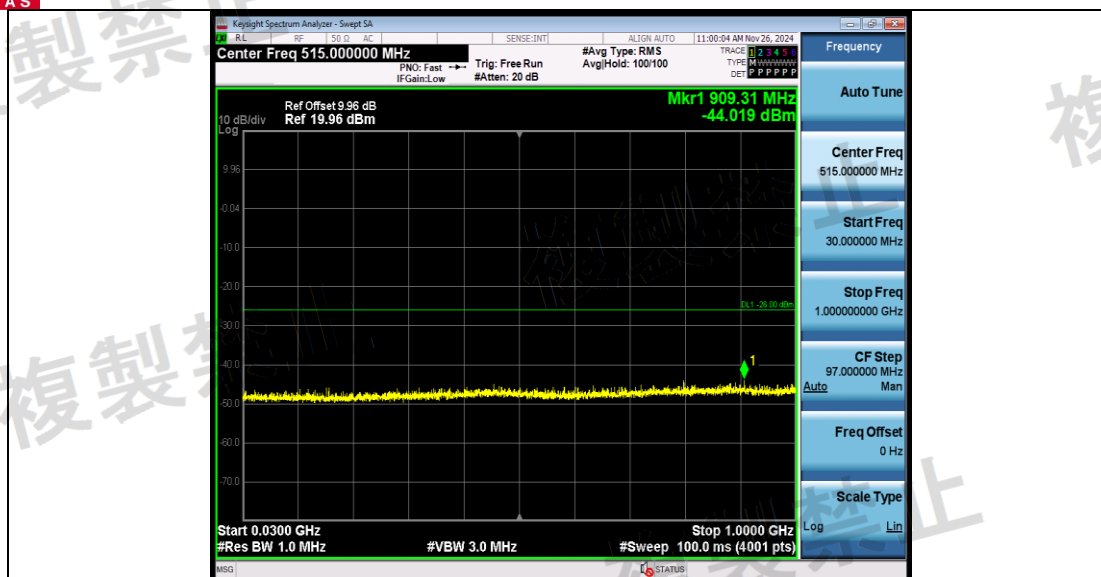
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

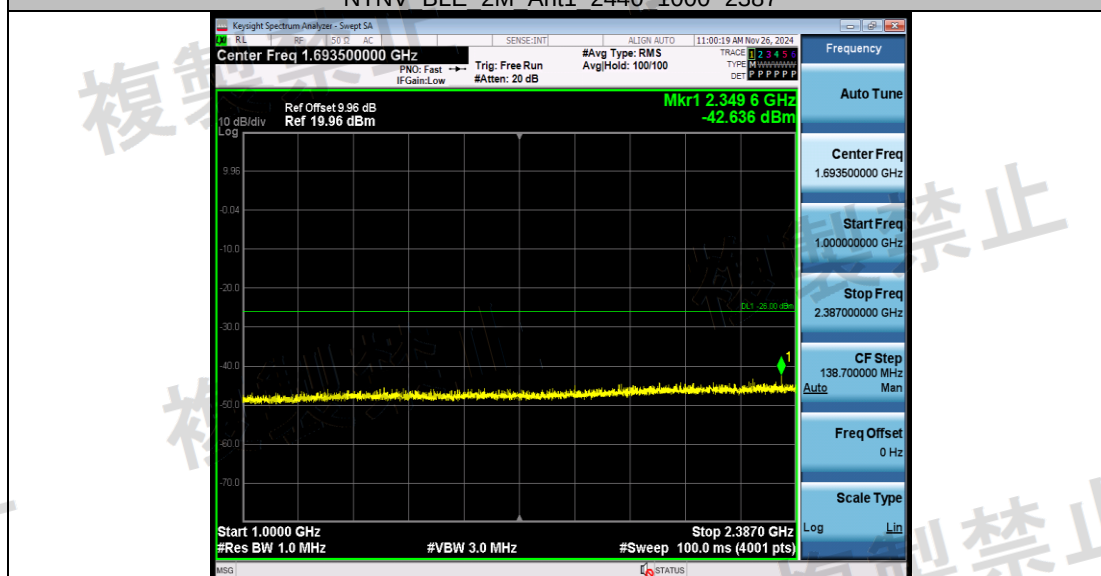


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2440_1000~2387



NTNV_BLE_2M_Ant1_2440_2387~2400

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

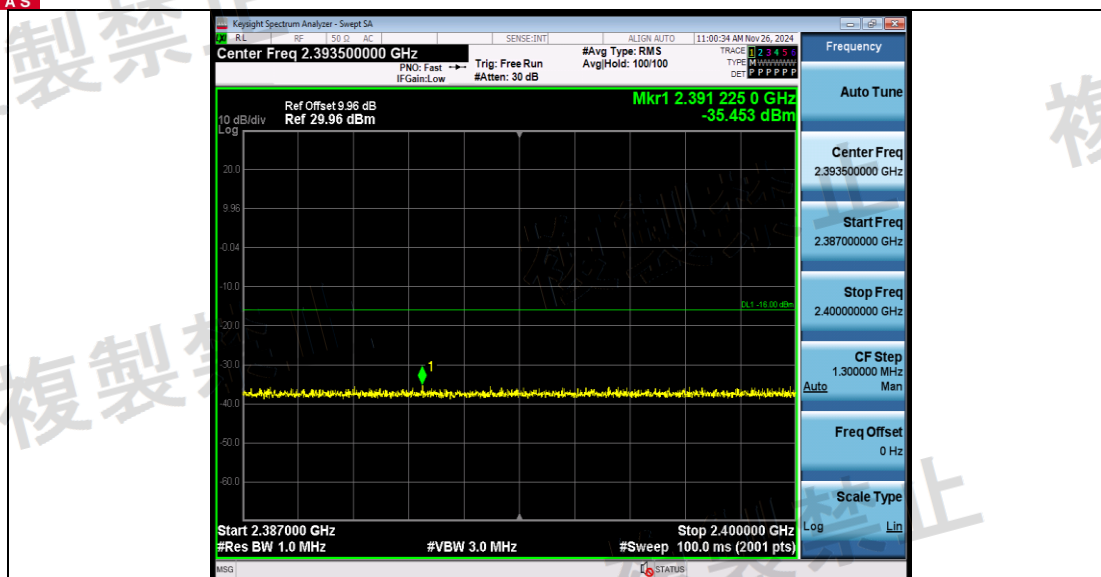
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

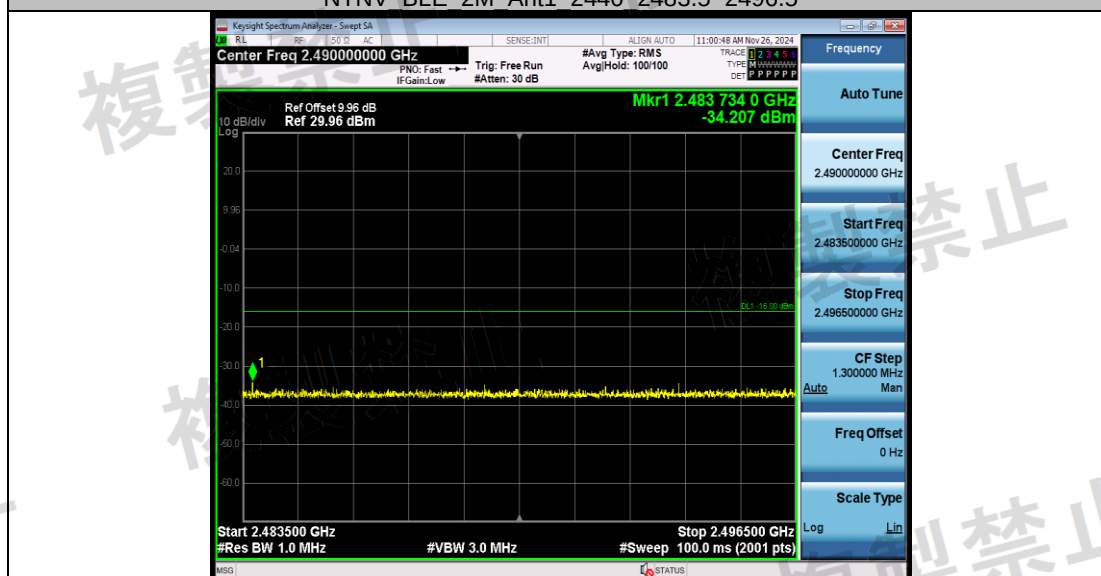


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2440_2483.5~2496.5



NTNV_BLE_2M_Ant1_2440_2496.5~13000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

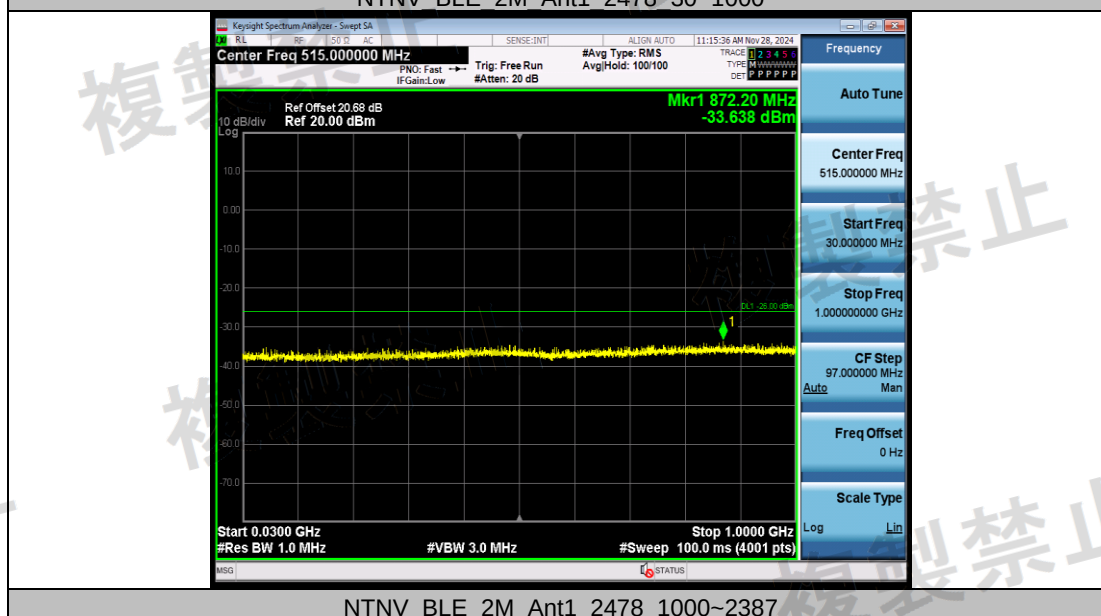
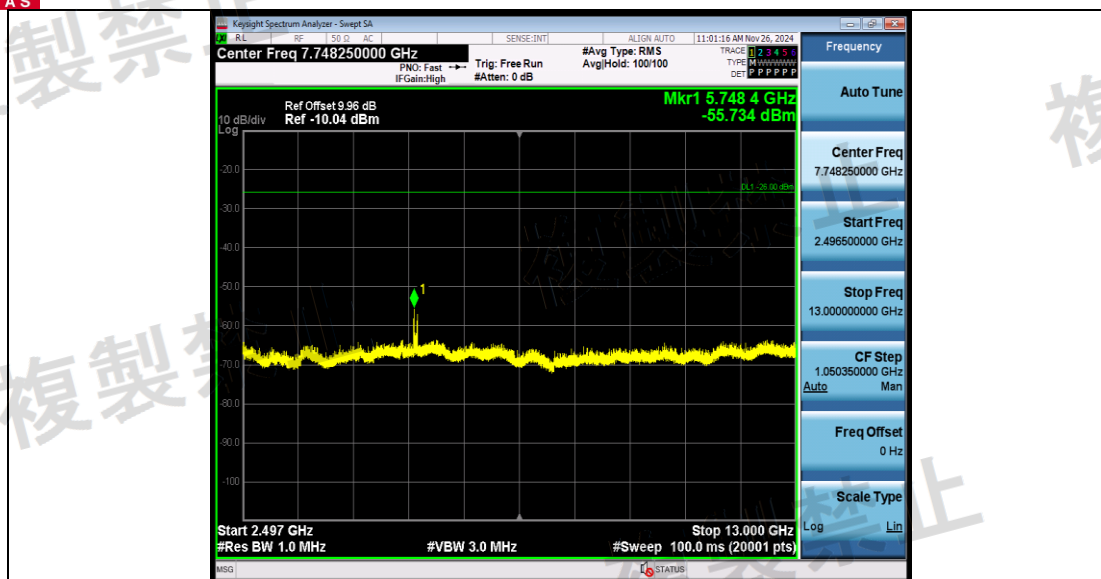
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

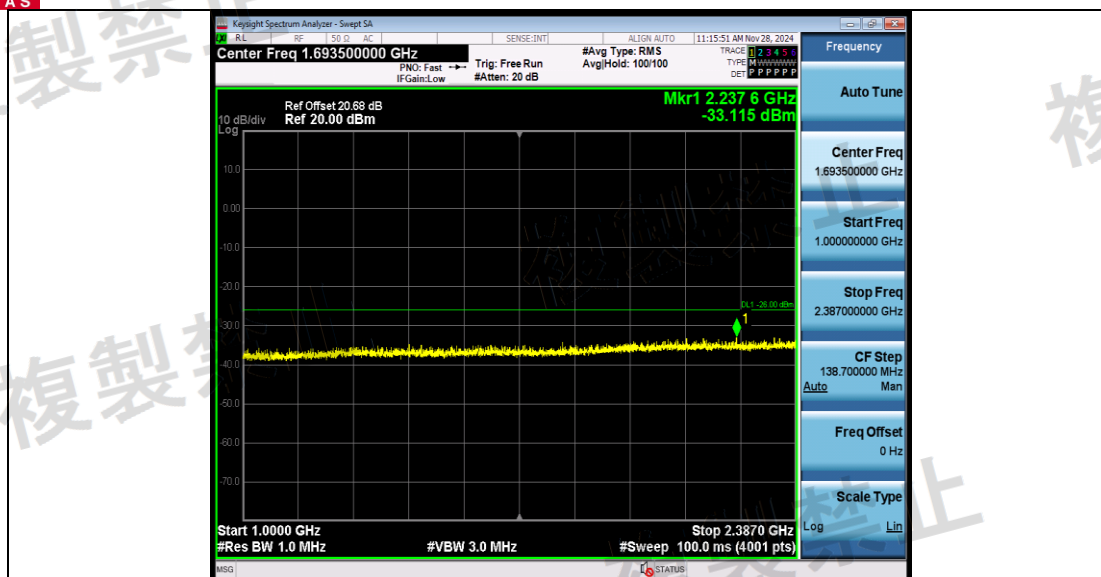
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

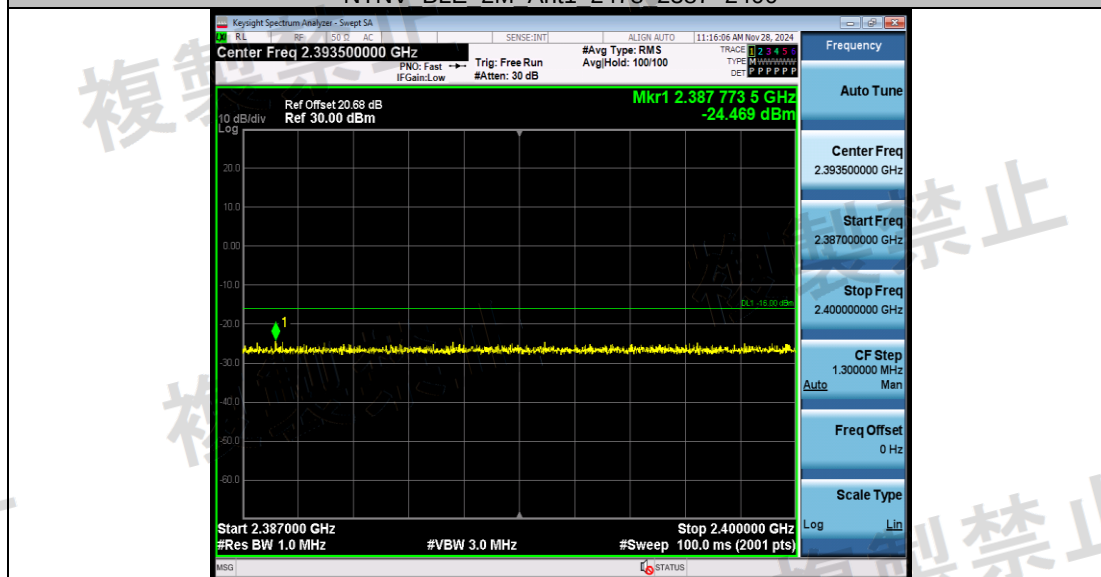


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2478_2387~2400



NTNV_BLE_2M_Ant1_2478_2483.5~2496.5

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

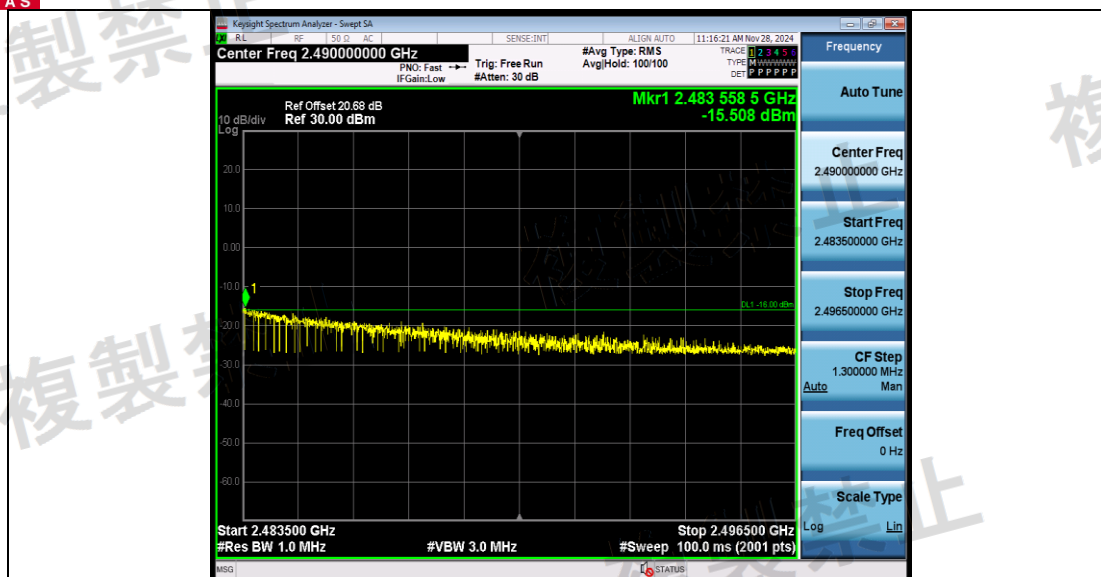
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2478 2496.5~13000



TEST GRAPHS_STEP2

NTNV BLE 2M Ant1 2478 2483.51

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

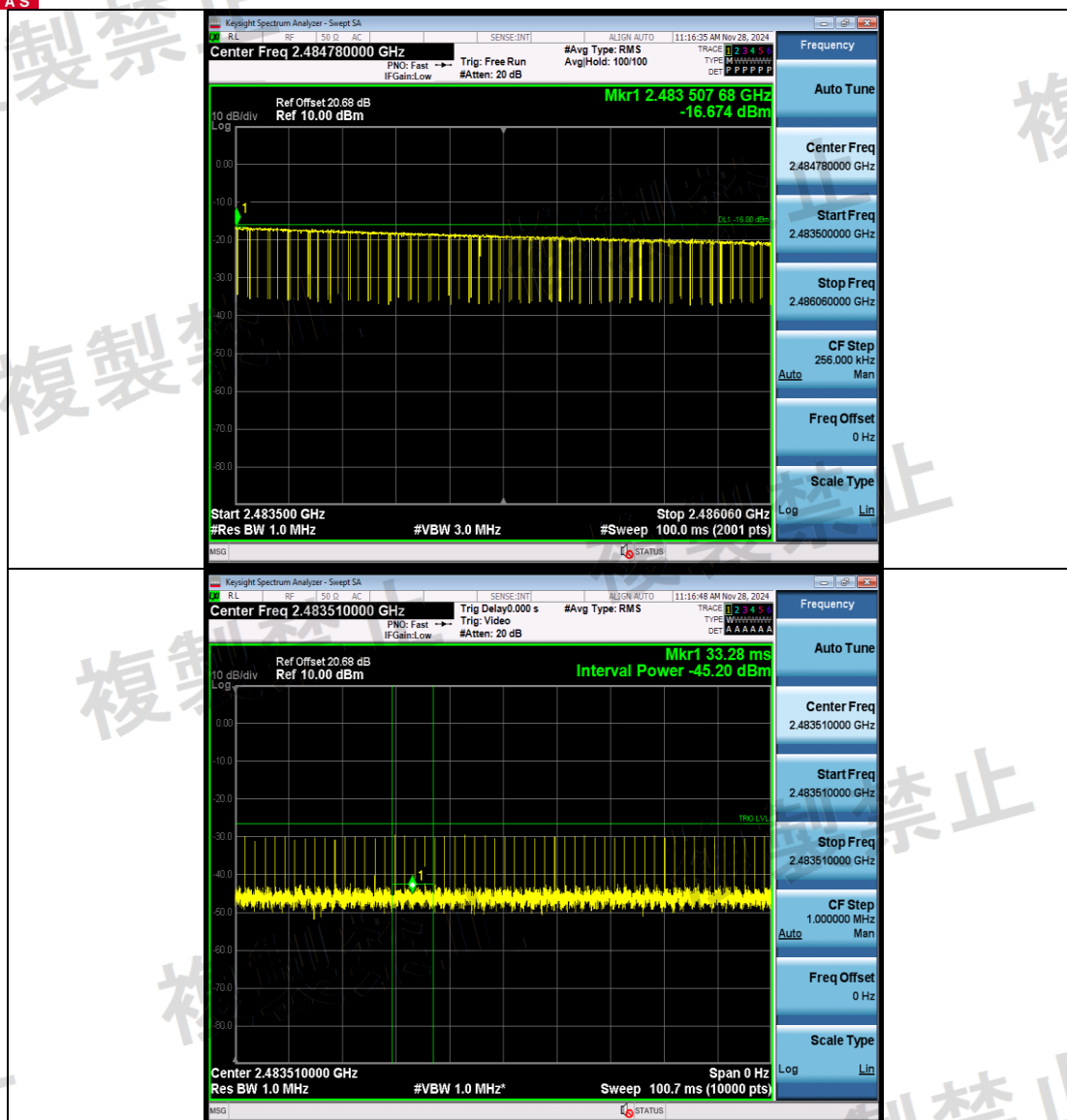
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

Spurious Emission of RX

TEST RESULT

TestCondition	TestMode	Antenna	Freq(M Hz)	Freq.Range [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	30~1000	-76.82	≤-54	0.0208 0	≤4	PASS
				1000~12500	-51.54	≤-47	7.0145 5	≤20	See table below
			2440	30~1000	-77.21	≤-54	0.0190 1	≤4	PASS
				1000~12500	-62.69	≤-47	0.5382 7	≤20	PASS
			2480	30~1000	-76.69	≤-54	0.0214 3	≤4	PASS
				1000~12500	-51.01	≤-47	7.9250 1	≤20	See table below
	BLE_2M	Ant1	2404	30~1000	-66.36	≤-54	0.2312 1	≤4	PASS
				1000~12500	-43.41	≤-47	45.603 69	≤20	See table below
			2440	30~1000	-77.01	≤-54	0.0199 1	≤4	PASS
				1000~12500	-62.43	≤-47	0.5714 8	≤20	PASS
			2478	30~1000	-65.83	≤-54	0.2612 2	≤4	PASS
				1000~12500	-42.47	≤-47	56.623 93	≤20	See table below



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST RESULT_STEP2

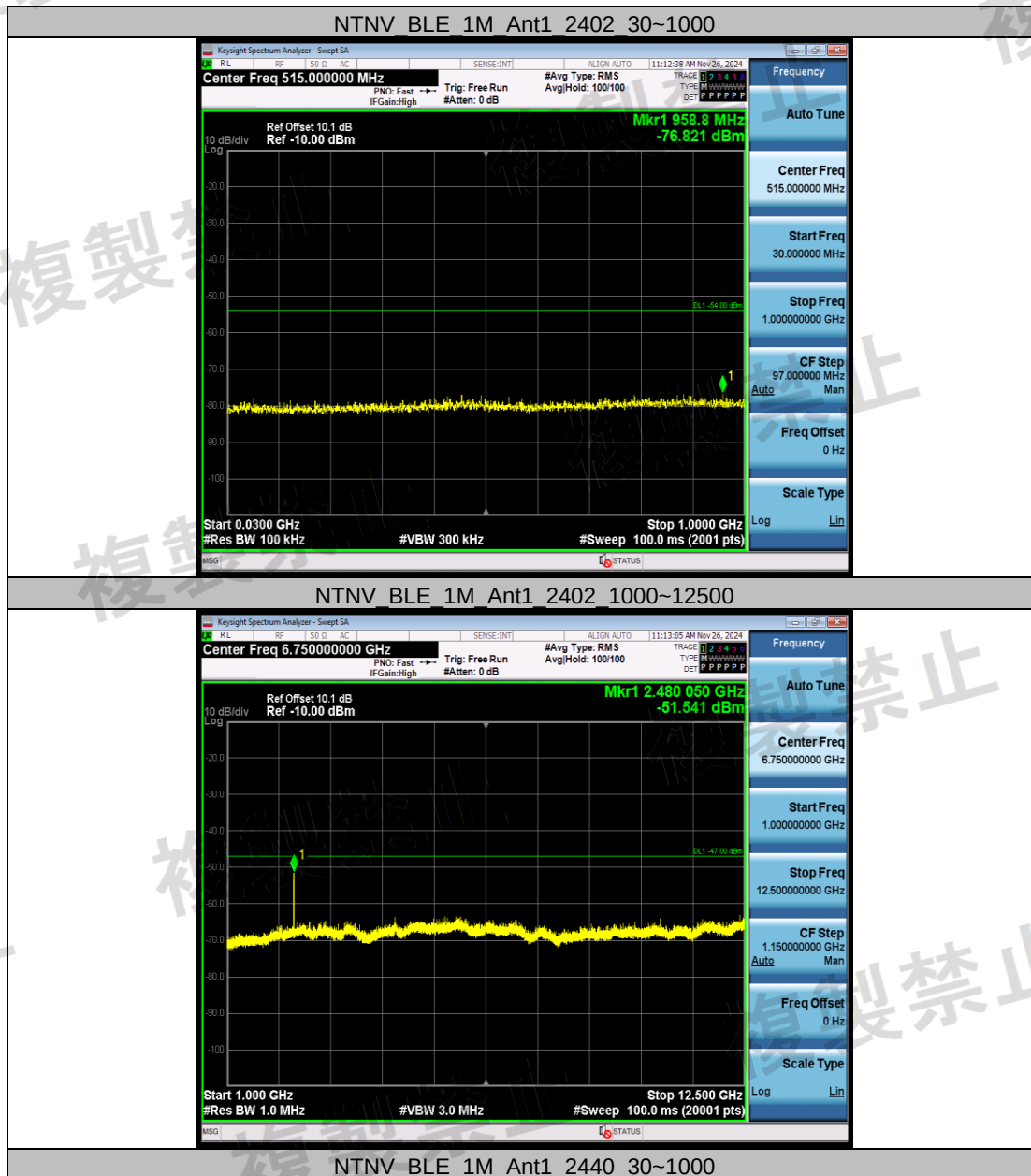
TestCondition	TestMode	Antenna	Freq(M Hz)	Freq. [MHz]	Result [dBm]	Limit [dBm]	Result [nW]	Limit [nW]	Verdict
NTNV	BLE_1M	Ant1	2402	2475.10	-75.66	≤-47	0.02716	≤20	PASS
			2480	2479.92	-75.93	≤-47	0.02553	≤20	PASS
	BLE_2M	Ant1	2404	2437.97	-55.68	≤-47	2.70396	≤20	PASS
			2478	2436.07	-55.75	≤-47	2.66073	≤20	PASS



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

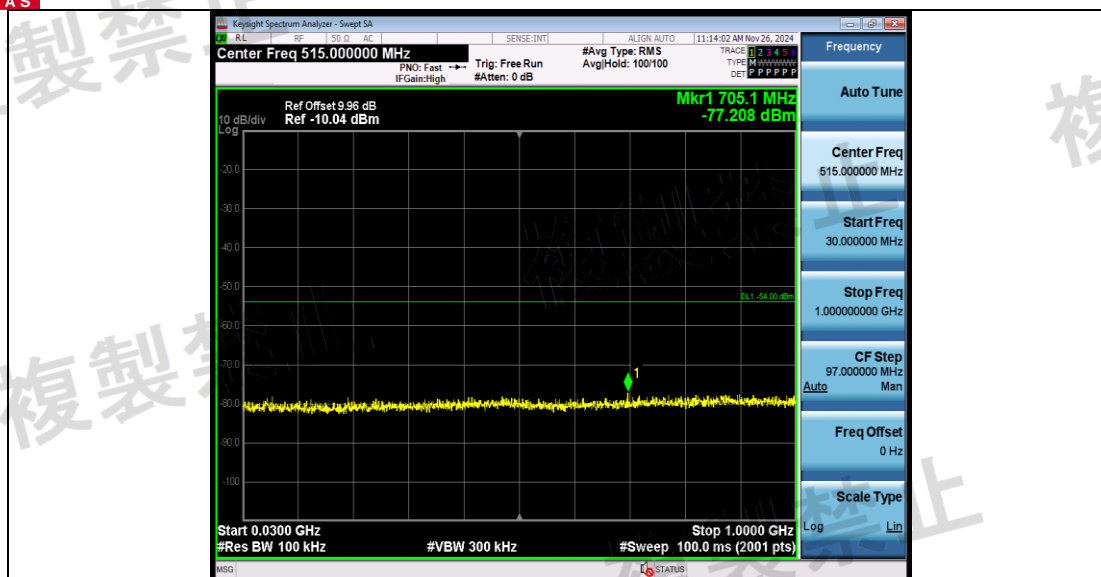
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com

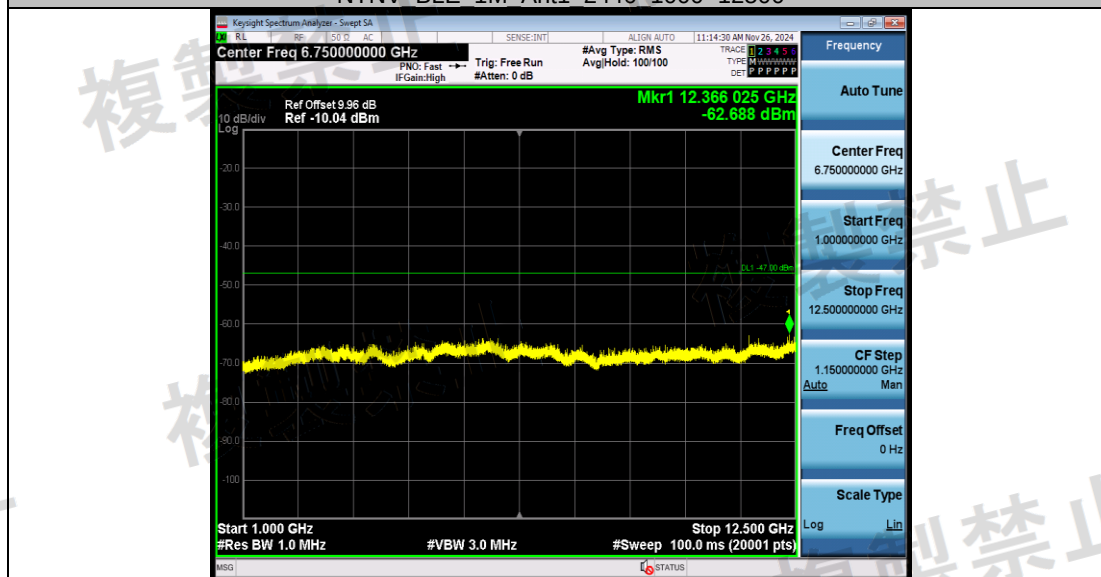


BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 1M Ant1 2440 1000~12500



NTNV BLE 1M Ant1 2480 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

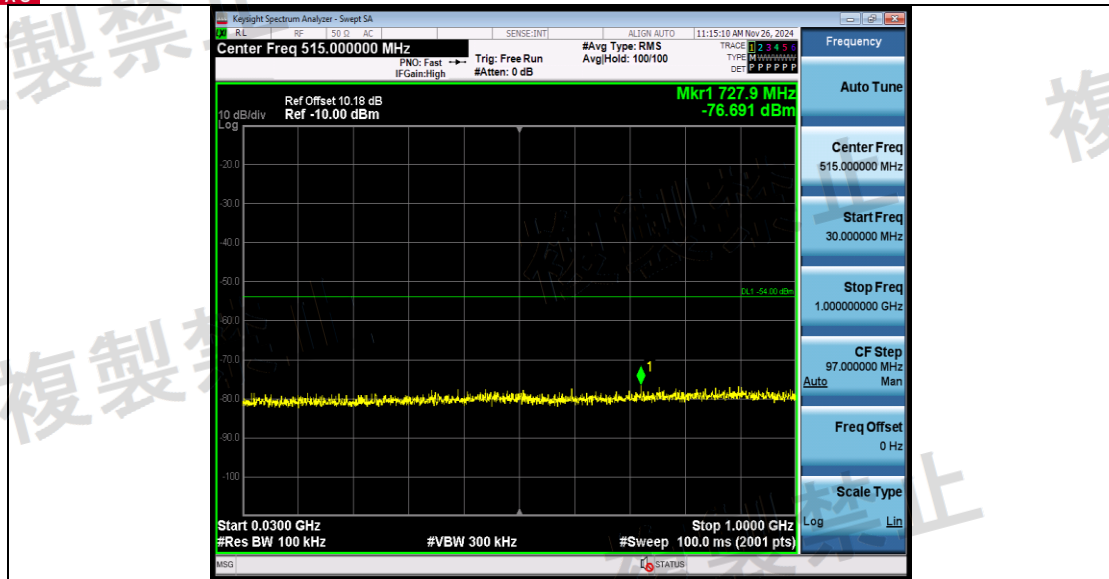
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 1M Ant1 2480 1000~12500



NTNV BLE 2M Ant1 2404 30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

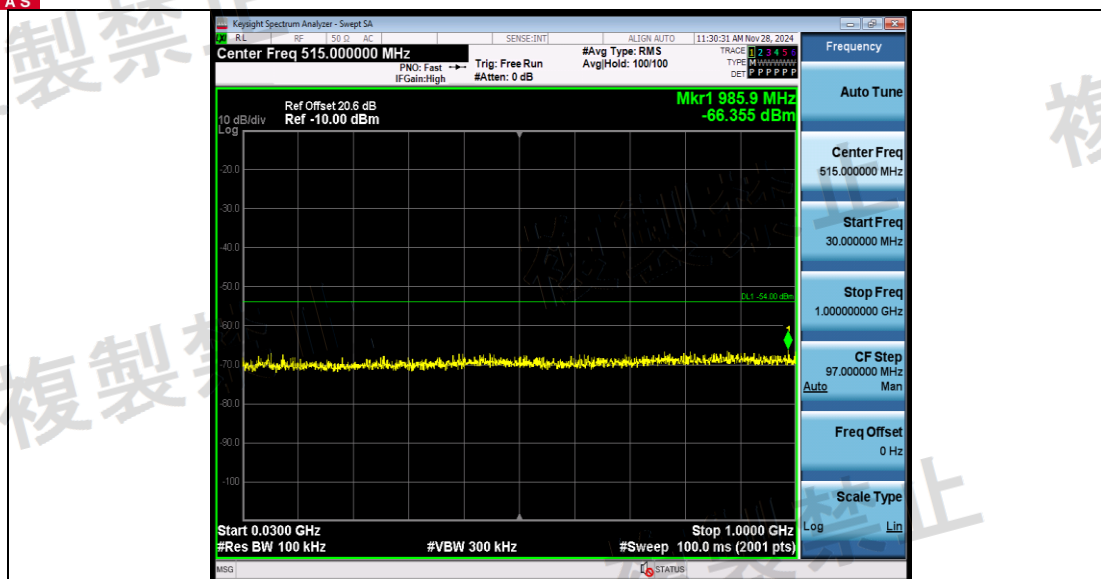
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV_BLE_2M_Ant1_2404_1000~12500



NTNV_BLE_2M_Ant1_2440_30~1000

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

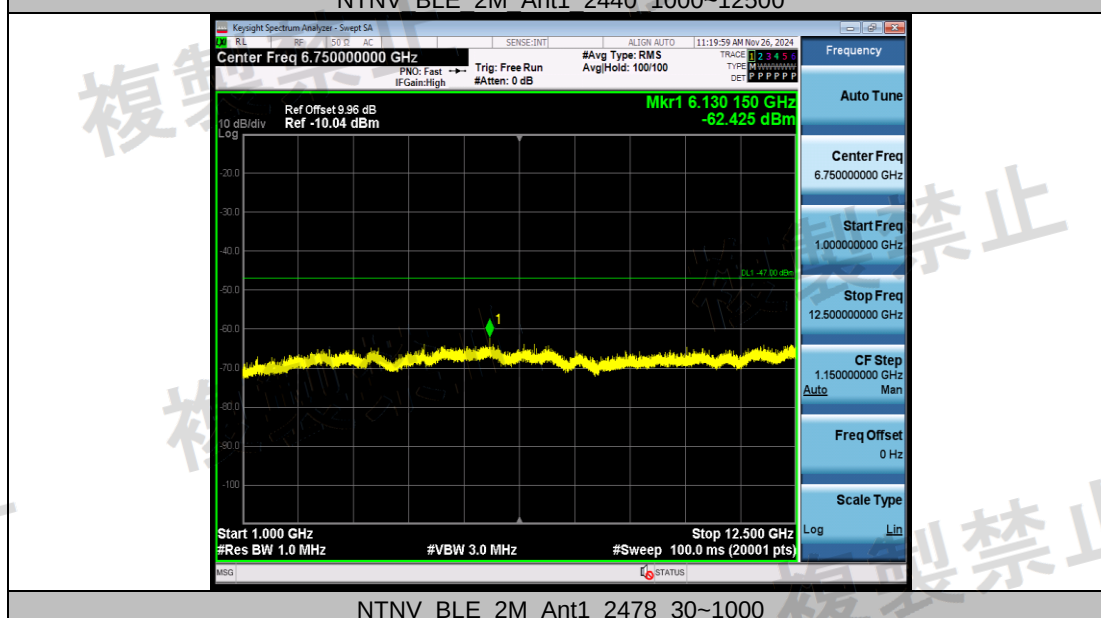
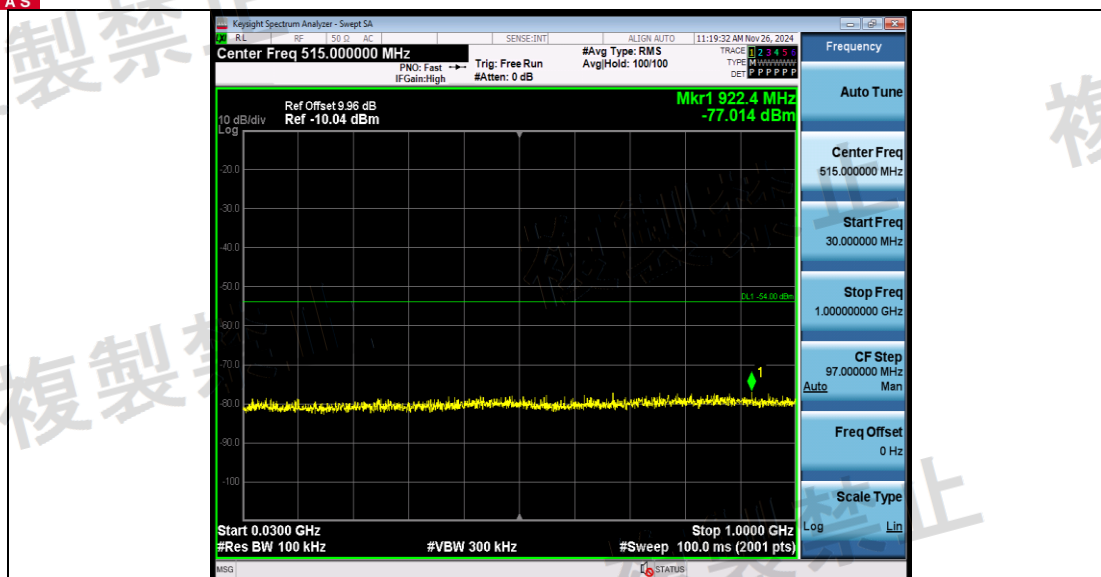
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

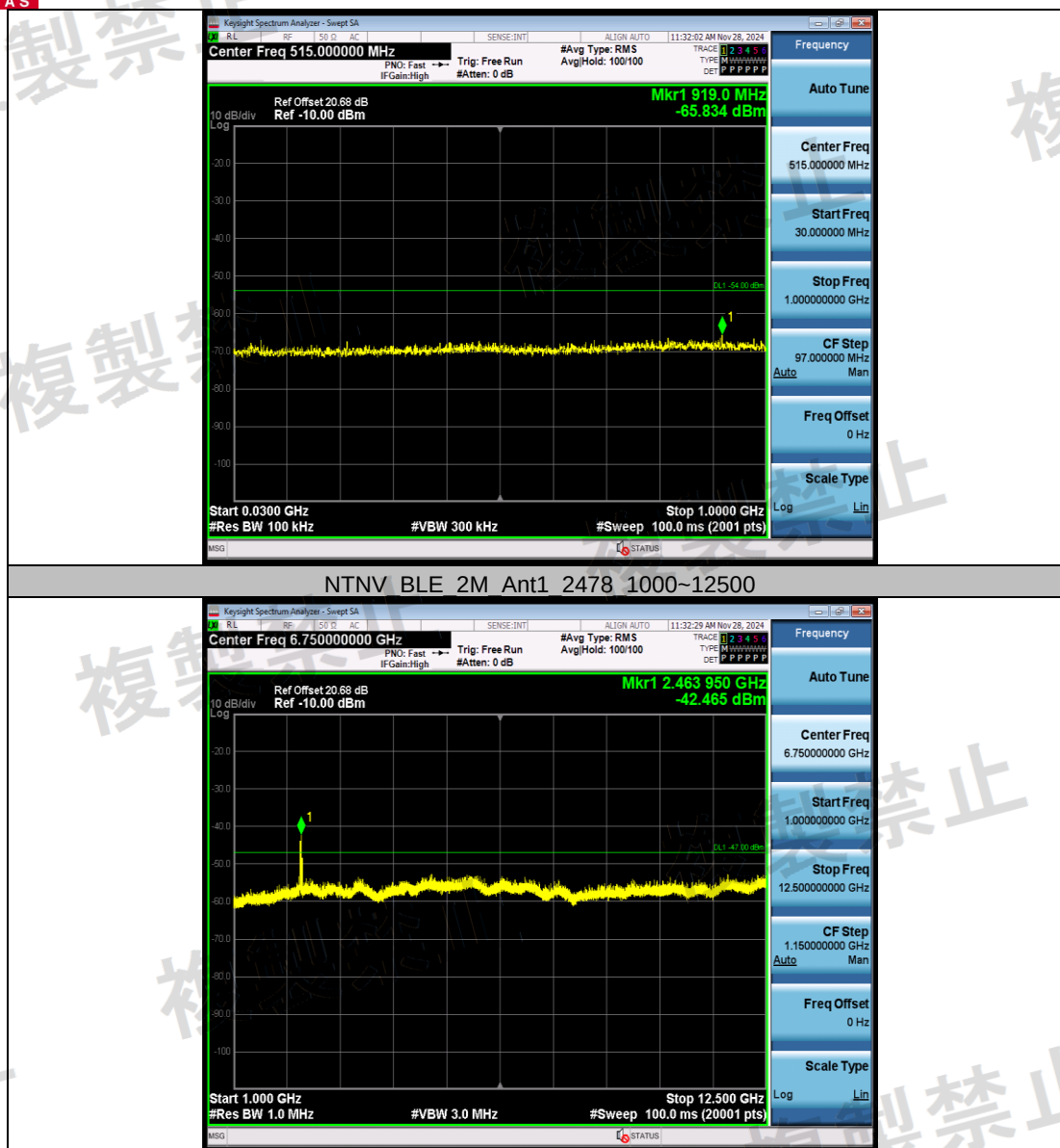
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

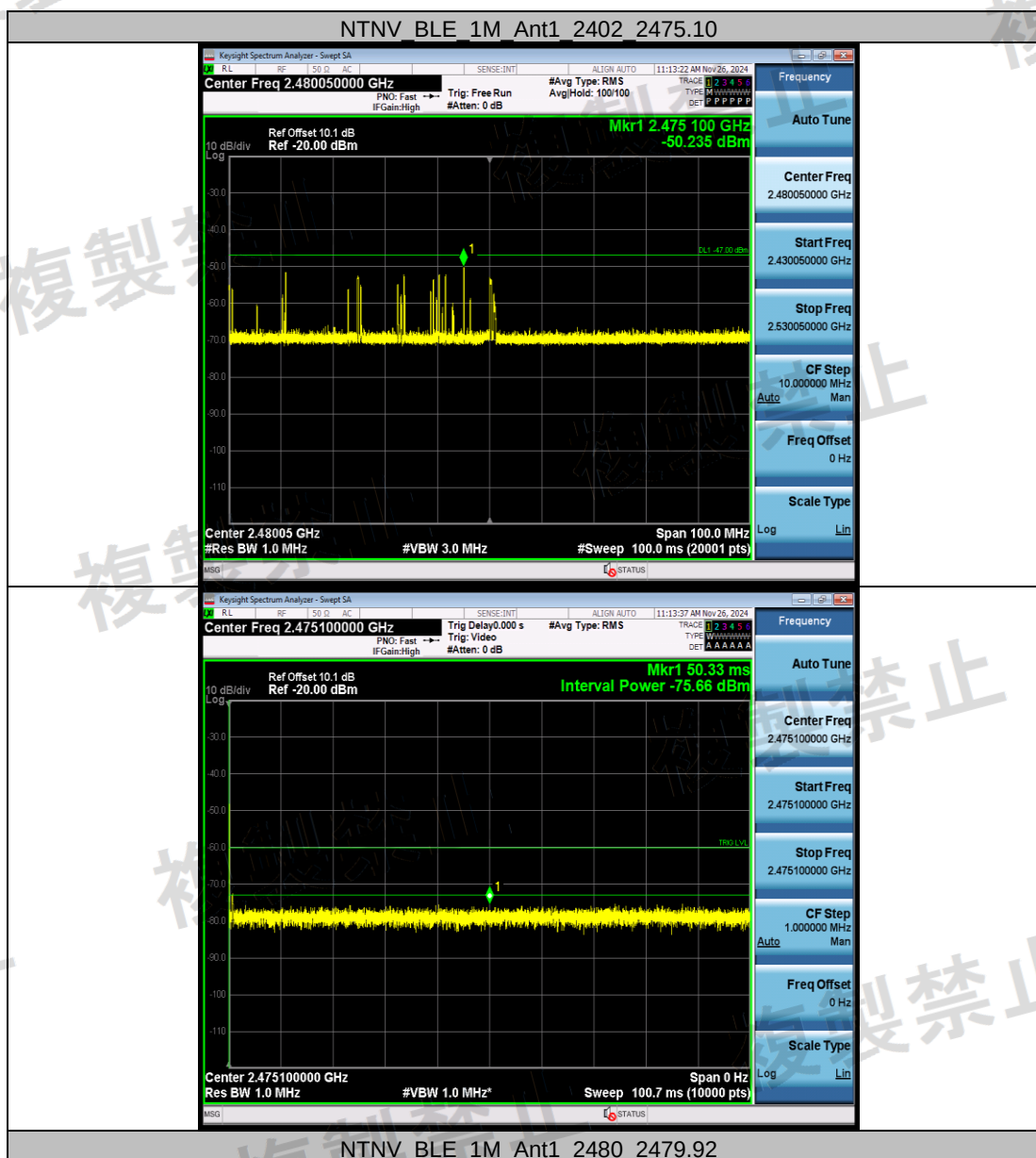
Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02

TEST GRAPHS_STEP2



BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

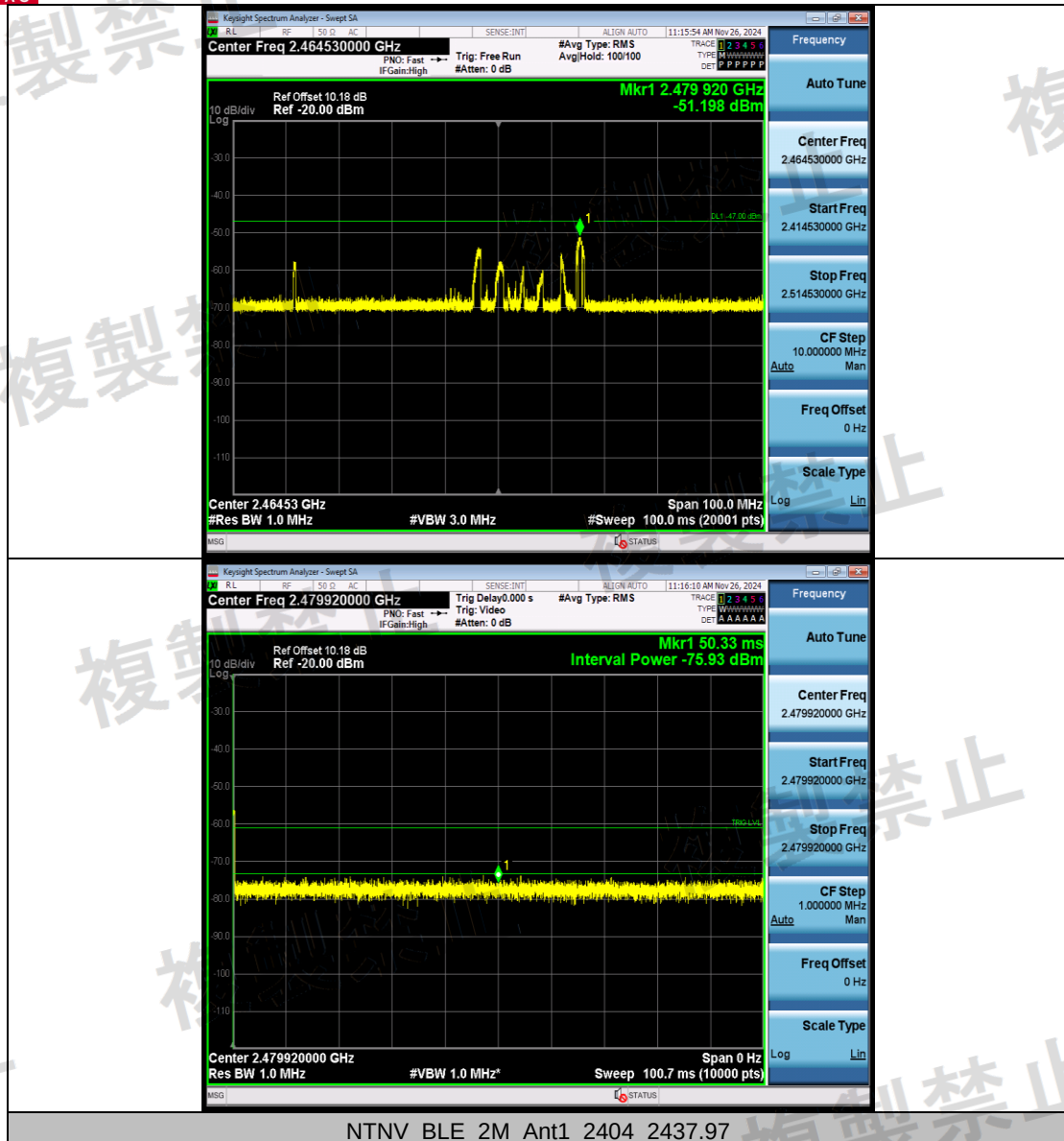
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2404 2437.97

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566

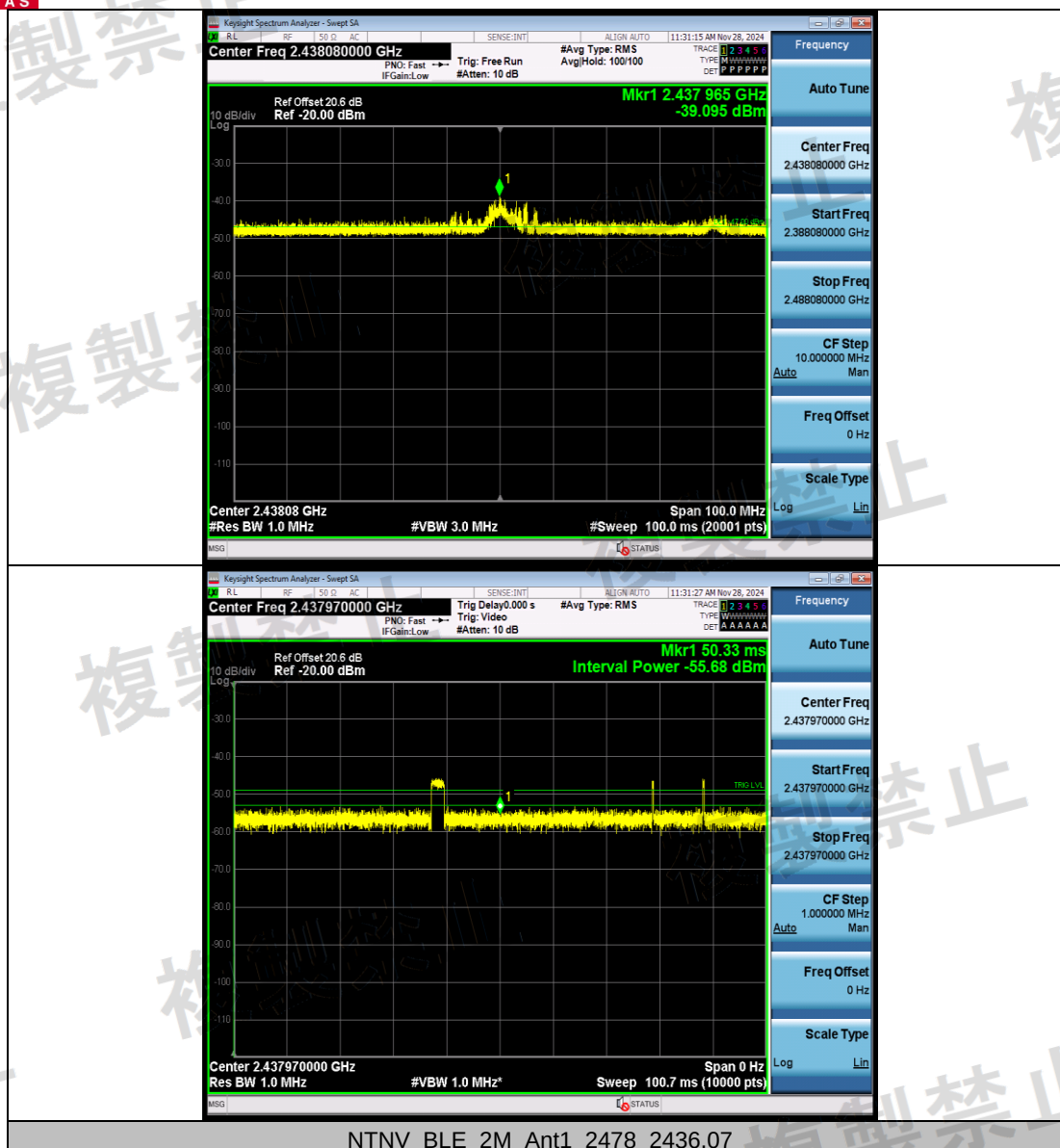
Fax: +86 755 8869 6577

Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



NTNV BLE 2M Ant1 2478 2436.07

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

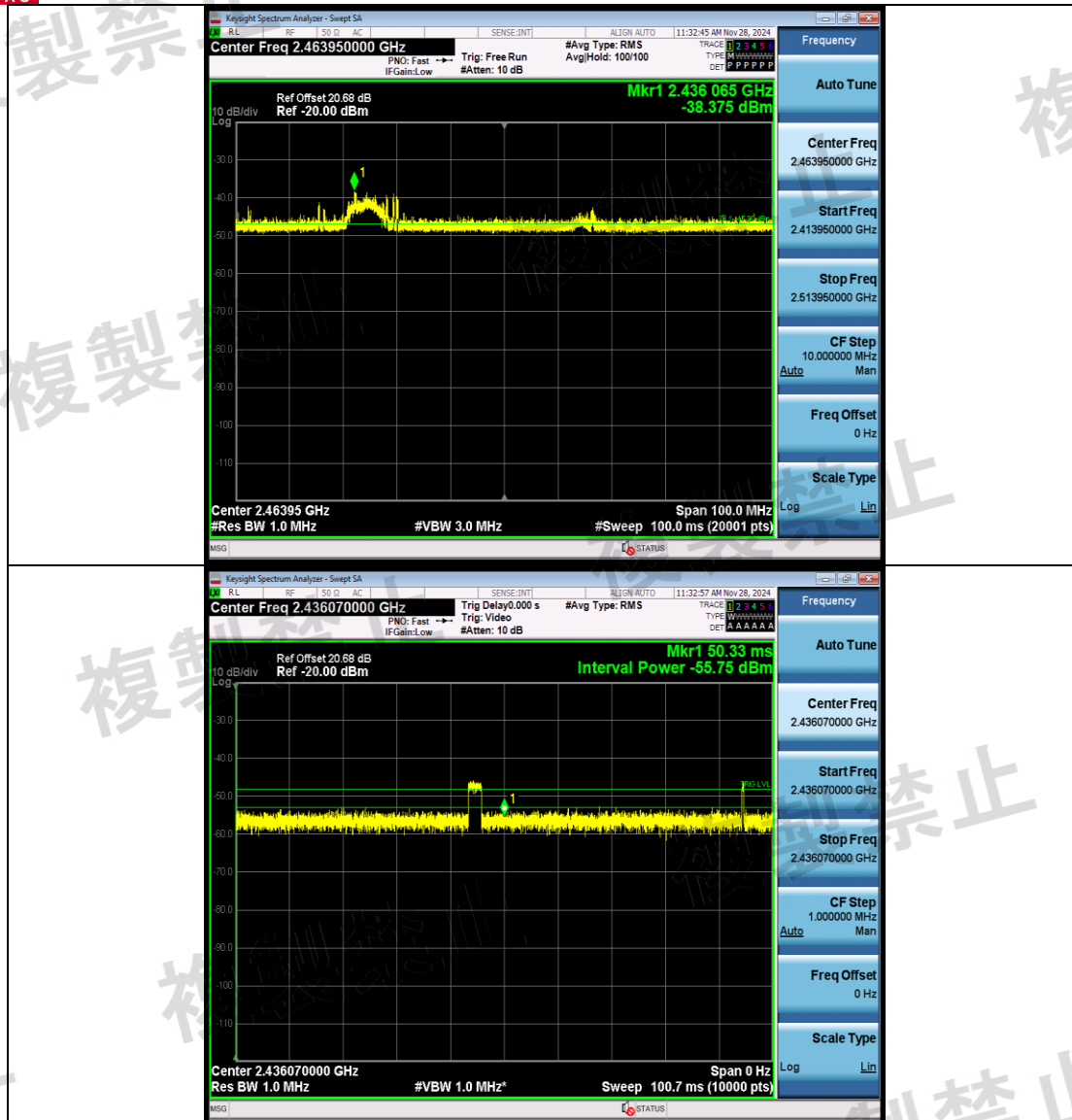
Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com



BUREAU
VERITAS

Test Report No.: W7L-241112W001RJ02



--END--

BV 7Layers Communications Technology
(Shenzhen) Co., Ltd

Room B37, Warehouse A5, No.3 Chiwan 4th Road,
Zhaoshang Street, Nanshan District Shenzhen,
Guangdong, People's Republic of China

Tel: +86 755 8869 6566
Fax: +86 755 8869 6577
Email: customerservice.sw@bureauveritas.com