



RF TEST REPORT

Product Name: Remote Hunter 101

Model Number: Hunter 101, Hunter 201, Hunter 201S, Hunter 201D

Issued For : Prossimo Co., Ltd.

1-1-8 Higashi-Oi, Shinagawa-ku, Tokyo 140-0011, Japan

Issued By : Shenzhen LGT Test Service Co., Ltd.

Room 205, Building 13, Zone B, Zhenxiong Industrial Park,
No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan
District, Shenzhen, Guangdong, China

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TEST REPORT CERTIFICATION

Applicant: Prossimo Co., Ltd.

Address: 1-1-8 Higashi-Oi, Shinagawa-ku, Tokyo 140-0011, Japan

Manufacturer: HangZhou Add Window Energy Saving Technology Co.,Ltd.

Address: Room 212, 2nd Floor, Building 2, No.9 Yichuang Road, Yuhang Subdistrict, Yuhang District, Hangzhou City, Zhejiang Province, P.R.China

Product Name: Remote Hunter 101

Trademark: ADD

Model Number: Hunter 101, Hunter 201, Hunter 201S, Hunter 201D

Sample Status: Normal

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
Article 2 Paragraph 1 of Item 8, MIC Notice No.88 Appendix No.22-2	PASS

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Revision History

Rev.	Issue Date	Contents
00	May 29, 2026	Initial Issue



1. SUMMARY OF THE TEST RESULTS

Test procedures according to the technical standards: annex 22-2 of Notification No.88.

Rule Section	Description of Test	Judgement
3.2	Frequency Error	PASS
3.2	Occupied Bandwidth (99%)	PASS
3.2	Unwanted Emission Intensity	PASS
3.2	Power Error	PASS
3.6	Adjacent Channel Emitted Power	PASS
Note (2)	Carrier Sense Capability	PASS
3.7 Note (3)	Construction Protection Confirmation	PASS

Note:

- (1) "N/A" means test is not applicable in this Test Report.
- (2) Article 2 Paragraph 1 of Item 22.
- (3) Please refer to Japan Radio Protection Declaration.



1.1 TEST LABORATORY

Company Name:	Shenzhen LGT Test Service Co., Ltd.
Address:	Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

No.	Item	Uncertainty
1	RF Output Power, Conducted	$\pm 0.71\text{dB}$
2	Conducted emission	$\pm 2.80\text{dB}$
3	Temperature	$\pm 0.5^\circ\text{C}$

Note: The measurement uncertainty is not included in the test result.



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name:	Remote Hunter 101	
Test Model Number:	Hunter 101	
Series Number:	Hunter 201, Hunter 201S, Hunter 201D	
Model Difference:	Customized type number.	
Product Description:	Operation Frequency:	429.5 MHz
	Modulation Type:	FSK
	Number Of Channel:	1CH
	Antenna Designation:	PCB Antenna
	Antenna Gain(dBi):	-5.74
	Based on the application, features, or specification exhibited in User Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User Manual.	
Channel List:	Please refer to the Note 3.	
Rating:	DC 3V	
Battery:	Rated Voltage: 3.0V	
Hardware Version:	N/A	
Software Version:	N/A	
Connecting I/O Port(s):	Please refer to the Note 1.	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User Manual.
2. The antenna information refers to the manufacturer provide report, applicable only to the tested sample identified in the report. Due to the incorrect antenna information, a series of problems such as the accuracy of the test results will be borne by the customer.



3.

Channel List	
Channel	Frequency (MHz)
1	429.5

For equipment with ≤ 3 Channels, all channels shall be tested, and the selected channel see below:

Lowest frequency		Middle frequency (MHz)		Highest frequency	
/	/	1	429.5	/	/



2.2 DESCRIPTION OF THE TEST MODES

Pretest Mode	Description
Mode 1	FSK

2.3 TABLE FOR PARAMETERS OF THE TEST SOFTWARE SETTING

Type	Mode Or Modulation type	Power Class	Software For Testing
429.5M	FSK	/	/

2.4 TEST CONDITIONS

Power Supply Voltage Fluctuation Test

Voltage Fluctuation Test	Normal Voltage	High Voltage +10% of Normal Voltage	Low Voltage -10% of Normal Voltage
Input DC Power(V)	3.0	3.3	2.7
RF Chip Input DC Power(V)	3.300	3.311	3.287
Voltage Variation (%)	/	0.33	-0.39

Note: 1. Voltage Variation (%)

= (RF chip Input high or Low Voltage - RF chip Input Normal Voltage)/ RF chip Input Normal Voltage* 100

2. RF chip Input DC power fluctuation is verified at the power input PIN of the RF chip.

When the input supply voltage to the EUT from the external power source is varied by +/- 10%, the output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/-1%, and the DC power fluctuation at the power input PIN of the RF chip is equal to or less than +/-1%.Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

2.5 TEST ENVIRONMENTAL

During the measurement the environmental conditions

Normal Temperature: 24.5°C

Relative Humidity: 53 %

Air Pressure: 101.78 kPa



2.6 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
N/A	N/A	N/A	N/A	N/A	N/A

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Length	Note
N/A	N/A	N/A	N/A	N/A	N/A

Note:

(1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.



2.7 EQUIPMENTS LIST FOR ALL TEST ITEMS

Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Until	Classification
Signal Analyzer	Keysight	N9010B	MY60242508	2026-03-03	2027-03-02	(c)
Signal Analyzer	Keysight	N9020A	MY50530994	2026-03-02	2027-03-01	(c)
RF Automatic Test system	MW	MW100-R FCB	MW220324LG -33	2026-03-03	2027-03-02	(c)
MXG Vector Signal Generator	Keysight	N5182B	MY59100717	2026-03-03	2027-03-02	(c)
Temperature& Humidity test chamber	AISRY	LX-1000L	171200018	2025-07-30	2026-07-29	(c)
Attenuator	eastsheep	90db	N.A	2026-03-02	2027-03-01	(c)
Temperature & Humidity	JINGCHUAN G	BT-3	N.A	2026-03-05	2027-03-04	(c)
Digital multimeter	MASTECH	MS8261	MBGBC83053	2025-07-30	2026-07-29	(c)
DC source	Keysight	E3634A	MY58036468	2026-03-05	2027-03-04	(c)

Remark:

(a) Calibration conducted by the National institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph(1) in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (ActNo. 51 of 1992).

(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1). (d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c)

From JRL Article 24-2, paragraph 4, Item 2

Notice: Calibration duration for above equipments is 1 year.

Test Equipment Calibration

All of the test equipment is effective use and calibration certification institution, LISAI, the address is No.8.South Street Shi li institute Guangzhou.Guangdong.China



3. FREQUENCY ERROR

3.1 LIMIT

Item	Limits
Frequency Error	±4ppm

3.2 TEST PROCEDURES

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RBW / VBW	10KHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- (1) In the case of unmodulated signal (continuous or continuous burst), measure the frequency directly by a frequency meter.
- (2) In the case of burst waves, the measurement shall be done for enough time in order to obtain the enough measuring accuracy, and the average of the measured values becomes the final value.
- (3) In the case of a test mode with a specific frequency spectrum, measure the frequency of the specific spectrum by a spectrum analyzer.
- (4) In the cases above, if the frequency equivalent to the test frequency is not directly measured in principle, it shall be obtained by necessary calculation.

In the case of modulated signal, if there is no specific spectrum measurable by a spectrum analyzer but a specific dip is observed, it is allowed to measure the frequency with the signal generator (synthesized). That is, observe a signal of the signal generator concurrently (or alternately) with the tested signal using the spectrum analyzer while setting the frequency of the signal generator to the position of the dip on the screen of the spectrum analyzer, and determine the frequency of the signal generator at the time as a measured value.

3.3 TEST SETUP



3.4 TEST RESULT

For the measurement records, refer to the appendix I.



4. ANTENNA POWER

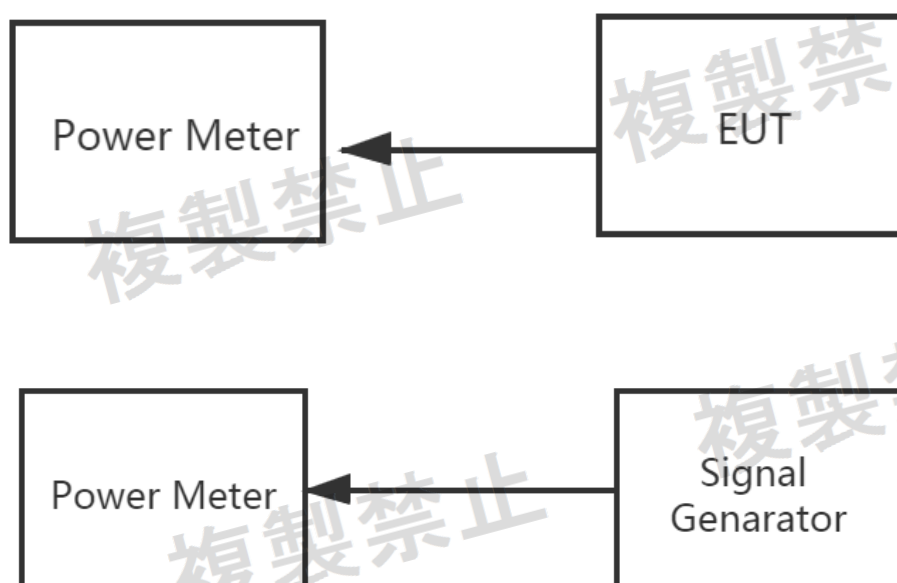
4.1 LIMIT

Item	Limits
Antenna Power Density	$\leq 1\text{W}$ (429.250~429.7375 MHz)
Power Error	-50%~+20%

4.2 TEST PROCEDURE

1. EUT turn to test frequency channel and keep continuous transmitting.
2. Reading the output power from the Power meter as P_{EUT} .
3. Turn the Signal generator to frequency channel the same as the EUT.
4. Turn the level of Signal generator, scan with the power meter until the power equal to P_{EUT} , the level of Signal generator recorded as "P".
5. The antenna power of EUT is "P".
6. EIRP power="P"+antenna gain.

4.3 TEST SETUP



4.4 TEST DEVIATION

There is no deviation with the original standard.

4.5 TEST RESULT

For the measurement records, refer to the appendix I.



5. OCCUPIED BANDWITH

5.1 LIMIT

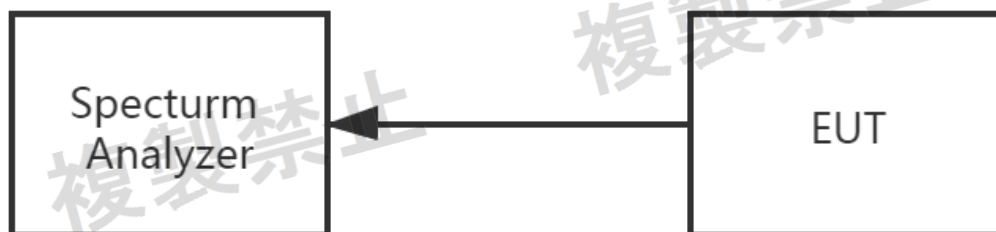
Item	Limits
Occupied Band Width:	8.5kHz

5.2 TEST PROCEDURES

EUT have transmitted the maximum modulation signal and fixed channelize.

SA set to 99% of occupied bandwidth to measure occupied bandwidth. The limit is less than 8.5kHz.

5.3 TEST SETUP



5.4 TEST DEVIATION

There is no deviation with the original standard.

5.5 TEST RESULT

For the measurement records, refer to the appendix I.



6. UNWANTED EMISSION INTENSITY MEASUREMENT

6.1 LIMIT

Item	Limits
TX Spurious Emission	$\leq 2.5 \mu\text{W}$ ($30\text{MHz} \leq f \leq 429.25\text{MHz}$)
	$\leq 2.5 \mu\text{W}$ ($429.7375\text{MHz} < f \leq 1000\text{MHz}$)
	$\leq 2.5 \mu\text{W}$ ($1000\text{MHz} < f \leq 5000\text{MHz}$)

6.2 TEST PROCEDURES

The following table is the setting of Spectrum Analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
RBW / VBW	100kHz / 100kHz (Below 1GHz)
RBW / VBW	1MHz / 1MHz (Above 1GHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

1. EUT have transmitted the maximum modulation signal and fixed channelize.
2. Setting of SA is following as: Below 1GHz RB: 100KHz / VB: 100KHz, Above 1GHz RB: 1MHz / VB: 1MHz / Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: Positive peak / Trace mode: Max hold
3. Setting of SA is following as 30MHz and stop frequency 429.5MHz, then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}$.
4. Setting of SA is following as 429.7375MHz and stop frequency 1000MHz, then to mark peak reading value + cable loss shall be less than $2.5\mu\text{W}$.
5. SA adjusted to start frequency 1000MHz and stop frequency 5000MHz, then to mark peak reading value + cable loss shall be less than $25\mu\text{W}$.

6.3 TEST SETUP



6.4 TEST DEVIATION

There is no deviation with the original standard.

6.5 TEST RESULT

For the measurement records, refer to the appendix I.



7. ADJACENT CHANNEL POWER

7.1 LIMIT

Item	Operation band	Occupied Bandwidth	Limits	
Adjacent Channel Power	429.25MHz~ 429.7375MHz	12.5kHz	$F_c \pm 12.5\text{kHz} \pm 4.25\text{kHz}$	BW: -40dBc or less

7.2 TEST PROCEDURES

- Setting of SA is following as: RB: 100Hz / VB:100Hz / SPAN: 40kHz
Sweep time: Auto / Sweep Mode: Continuous sweep / Detect mode: peak
Trace mode: Max hold/ Sweep Time Auto

7.3 TEST SETUP



7.4 TEST DEVIATION

There is no deviation with the original standard.

7.5 EUT OPERATION DURING TEST

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

For the measurement records, refer to the appendix I.



8. CARRIER SENSE CAPABILITY

8.1 INTERFERENCE PREVENTION FUNCTION

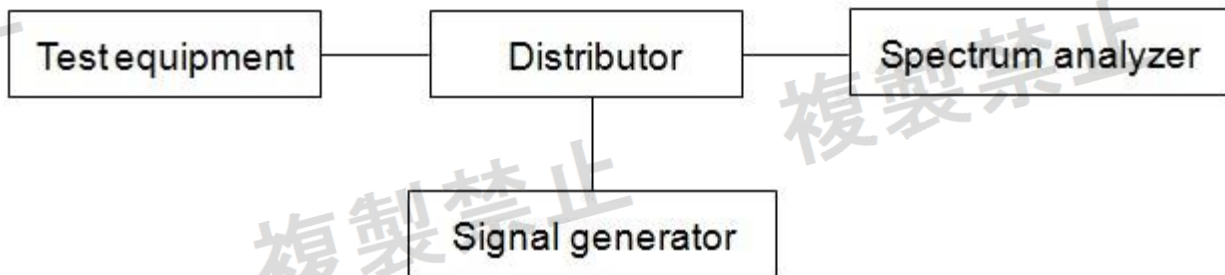
8.2 TEST REQUIREMENT

MIC Notice No.88 Appendix No.22-2

Article 2, Paragraph 1, Item 8-2-1 Rules Section 6

8.3 TEST PROCEDURE

1. SG adjusted the frequency as same as the EUT transmitted signal and emitted the absence of modulation from SG and power level is (on $22.79 + G - 20 \cdot \log(f) \text{ dBm}$) (G is the antenna gain, f is the test frequency).
2. Turn off the RF signal of the SG.
3. EUT have transmitted the maximum modulation signal and fixed channelize.
4. Setting of SA :RBW/VBW=100kHz/100kHz, Span=0MHz, Sweep time=auto, Sweep mode=continuous, Detect mode=positive peak
5. SG RF signal on.
6. EUT shall be stop the transmitted any signal and SG RF signal off, the EUT will be continuous



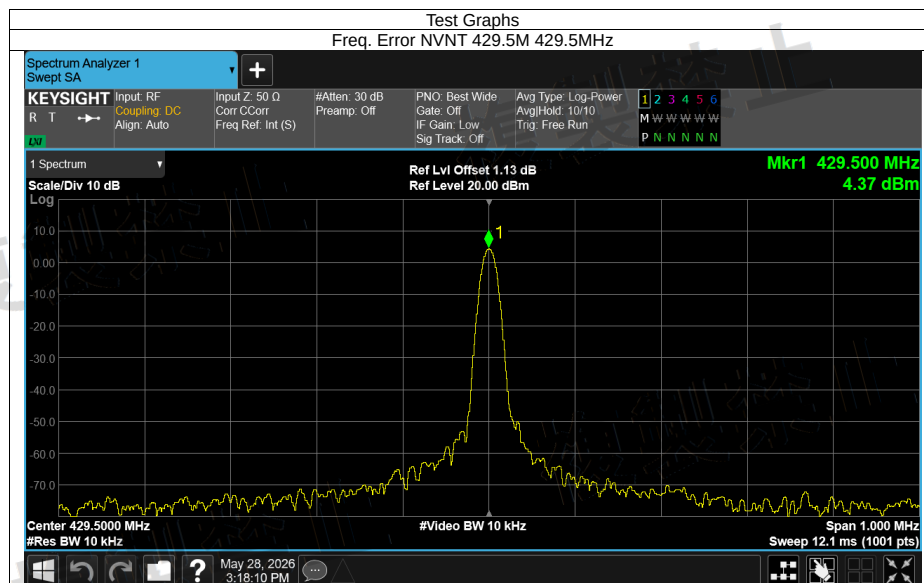
8.4 TEST RESULT

Pass.



APPENDIX I - TEST RESULTS

Frequency Error						
Condition	Frequency (MHz)	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NVNT	429.5	429.5	0	0	±4	Pass





Antenna Power

Condition	Mode	Frequency (MHz)	Power (dBm)	Antenna Power (mW)	Limit (mW)	Declared Power (mW)	Tolerance (%)	Upper Limit (%)	Lower Limit (%)	Verdict
NVNT	429.5M	429.5	-3.27	0.471	1000	1	-52.9	20	-80	Pass

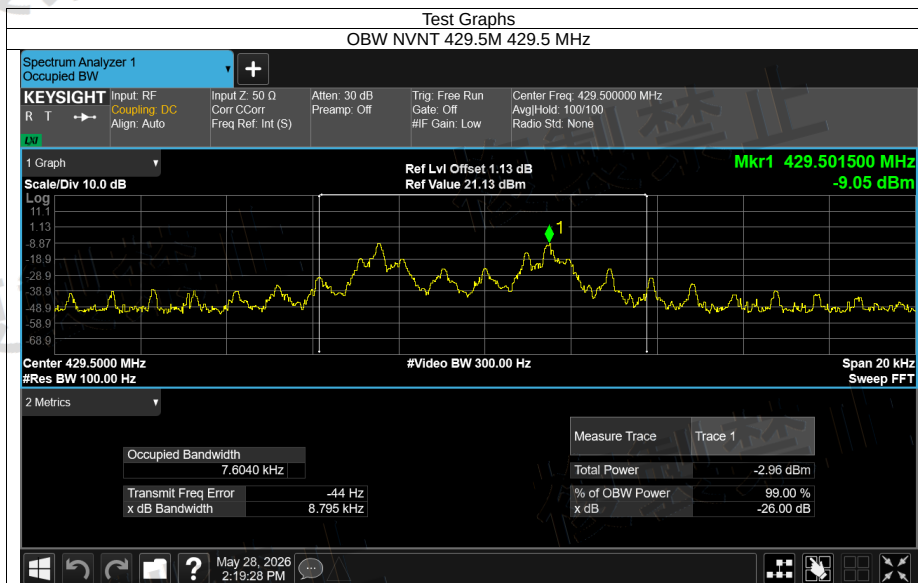
EIRP Power

Condition	Mode	Frequency (MHz)	Antenna Power (dBm)	Gain (dBi)	EIRP Power (dBm)	Limit (dBm)	Verdict
NVNT	429.5M	429.5	-3.27	-5.74	-9.01	30	Pass



Occupied Channel Bandwidth

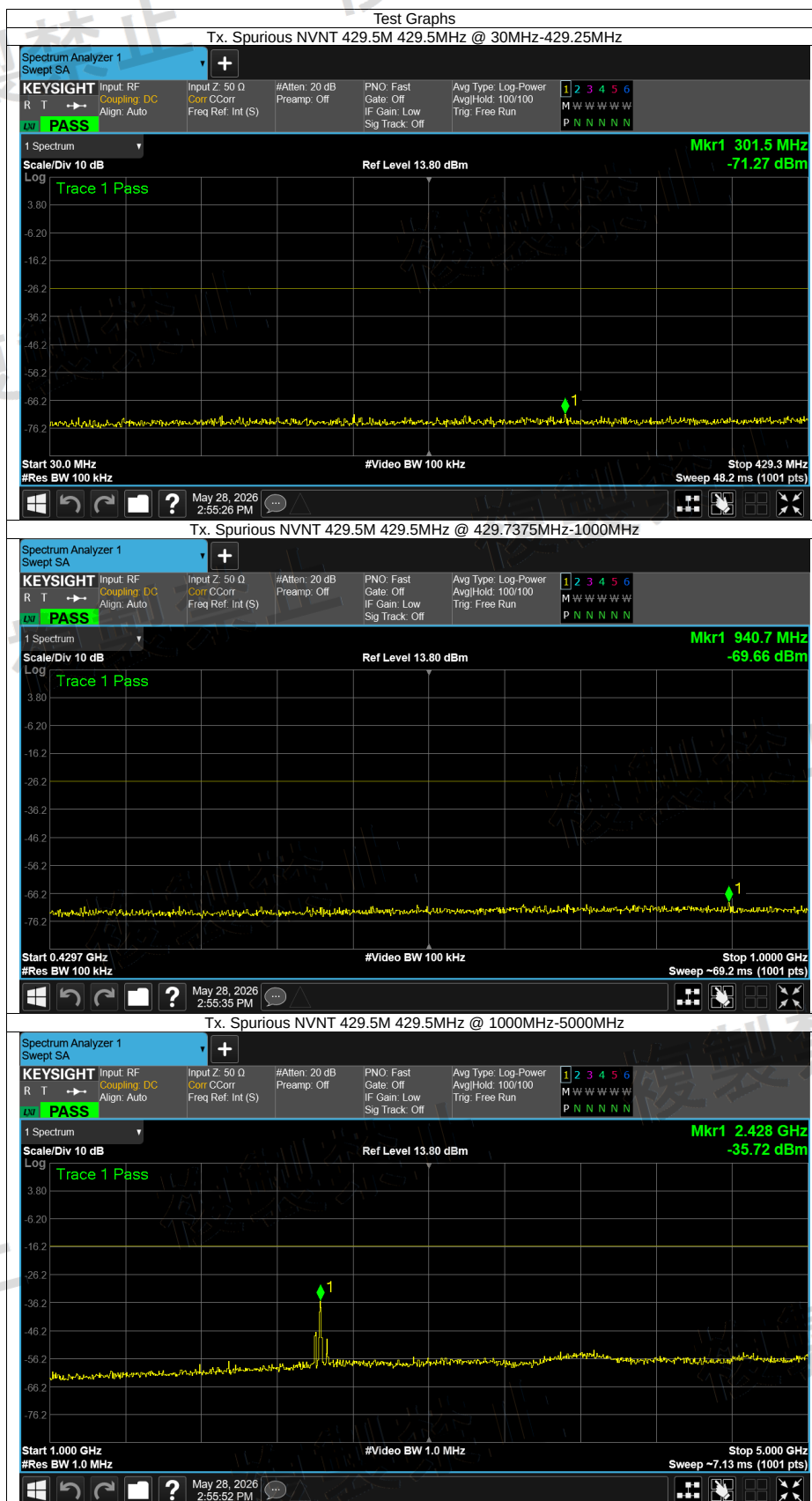
Condition	Mode	Frequency (MHz)	99% OBW kHz
NVNT	429.5M	429.5	7.604





Tx Spurious Emission

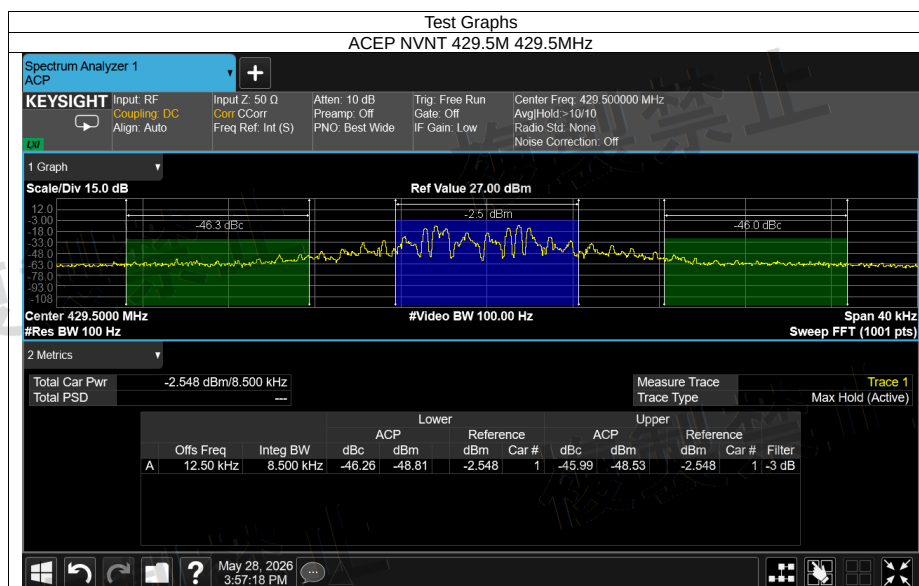
Condition	Mode	Frequency (MHz)	Range (MHz)	Emission Frequency (MHz)	Max Peak Value (dBm)	Max RMS Value (dBm)	Max Peak Value (uW)	Max RMS Value (uW)	Limit Start(uW)	Limit Stop (uW)	Verdict
NVNT	429.5M	429.5	30-429.25	301.49	-61.27	NA	0.0007	NA	2.5	2.5	Pass
NVNT	429.5M	429.5	429.7375-1000	940.69	-59.65	NA	0.0011	NA	2.5	2.5	Pass
NVNT	429.5M	429.5	1000-5000	2428.00	-35.72	NA	0.2679	NA	25	25	Pass





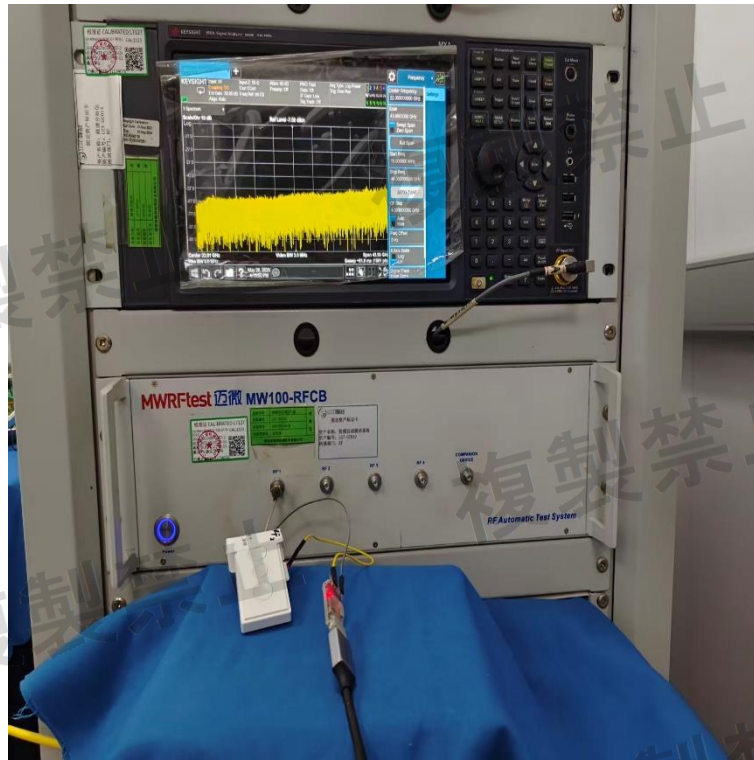
Adjacent Channel Emitted Power

Condition	Mode	Frequency (MHz)	Offset (kHz)	Value (dBc)	Limit (dBc)	Verdict
NVNT	429.5M	429.5	-12.5	-46.26	-40	Pass
NVNT	429.5M	429.5	12.5	-45.99	-40	Pass





APPENDIX II - TEST SETUP PHOTOS





APPENDIX III - PHOTOGRAPHS OF EUT CONSTRUCTIONAL DETAILS

Note: Please see the attached Hunter 101_EUT Photos.

※※※※※END OF THE REPORT※※※※※