

**Radio equipment according to Certification
Ordinance Article 2 Paragraph 1 of item 6-2 (BS)
for
1-Port UHF RFID Reader Module
Model No.: RM170**

of

Applicant: **unitech Electronics Co., Ltd.**

Address: **5F., No. 136, Ln. 235, Baoqiao Rd. , Xindian Dist.,
New Taipei City , Taiwan**

Tested and Prepared

By

Worldwide Testing Services (Taiwan) Co., Ltd.

Report No.: W6M22605-25131-J-1



TABLE OF CONTENTS

1	General Information	2
1.1	Notes	2
1.2	Testing laboratory	4
1.2.1	Location	4
1.2.2	Details of accreditation status	4
1.3	Details of applicant	4
1.4	Application details	4
1.5	Equipment information	5
1.6	Assembly	5
1.7	Test method	5
2	Technical Test	6
2.1	Summary of test results	6
2.2	Test environment	6
2.3	Test setup	7
3	Test results (enclosure)	10
3.1	Antenna specifications	10
3.2	Frequency Tolerance	11
3.3	Occupied Bandwidth (99% channel power bandwidth)	13
3.4	Spurious emissions(conducted)_ transmitter	15
3.5	Antenna Power	44
3.6	Tolerance of adjacent channel leakage power	46
3.7	Spurious emission receiver	48
3.8	Channel mask	70
3.9	Transmission time control equipment	77
3.10	Carrier sense	81



1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample, which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.



Worldwide Testing Services(Taiwan) Co., Ltd.

Tester:

June 08, 2026

Rick Chen

Rick Chen.

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

June 08, 2026

Kevin Wang

Kevin Wang

Date

WTS

Name

Signature



1.2 Testing laboratory

1.2.1 Location

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,
New Taipei City 207, Taiwan (R.O.C.)

3m meter semi-anechoic chamber

No. 99, Sec. 1, Balian Rd., Xizhi Dist.,
New Taipei City 221032, Taiwan (R.O.C.)

Worldwide Testing Services (Taiwan) Co., Ltd.
6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,
Taipei City 114, Taiwan (R.O.C.)
Tel: 886-2-6606-8877

1.2.2 Details of accreditation status

Accredited testing laboratory

Telefication Reviewed Laboratory: TRL 0501

Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd.:

Name: ./.

Accredited no.: ./.

Street: ./.

Town: ./.

Country: ./.

1.3 Details of applicant

Name: unitech Electronics Co., Ltd.
Street: 5F., No. 136, Ln. 235, Baoqiao Rd., Xindian Dist.,
City: New Taipei City ,
Country: Taiwan

1.4 Application details

Date of receipt of test item: May 11, 2026
Date of test: From May 12, 2026 to June 03, 2026



1.5 Equipment information

Description of test item:	1-Port UHF RFID Reader Module
Type identification:	RM170
Multi-listing model no.:	./.
Brand name:	unitech
Modulation type:	PR-ASK
Frequency range:	916.8 MHz – 920.8 MHz
Operating frequency:	916.8 MHz – 920.8 MHz
Frequency of the used channel:	Frequency (ch A) : 916.8 MHz Frequency (ch B) : 919.2 MHz Frequency (ch C) : 920.8 MHz
Numbers of channel:	6
Type of antenna:	Patch Antenna
Antenna gain of antenna:	3.6dBi
Rated output power:	1W
EIRP:	32.82dBm
Sample no.:	#01

Manufacturer: (if different from applicant)

Name:	./.
Street:	./.
Town:	./.
Country:	./.

1.6 Assembly

The RF module is covered by the special screws. For this EUT is opening only by destroying the equipment have been taken to satisfy sample requirement.

1.7 Test method

According to Annex 20-01.



2 Technical Test

2.1 Summary of test results

No deviations from the technical specifications were ascertained in the course of the test performed.

2.2 Test environment

Temperature:	25 °C
Relative humidity content:	20 ... 75 %
Air pressure:	860 ... 1030 hPa
Details of power supply:	DC 5V
Other parameter:	./.
Extreme conditions parameters:	./.



2.3 Test setup

Frequency tolerance, Occupied bandwidth, Adjacent channel Leakage Power, Channel mask, Antenna power and Spurious emission

Microwave Cable			
EUT	Attenuator 10dB	DC Block	SPECTRUM ANALYZER

Test item Name	Measurement Uncertainty
Estimation Result of Uncertainty of Frequency Drift Measurement	Expanded Uncertainty : 6.11 Hz
Estimation Result of Uncertainty of Bandwidth Measurement	Expanded Uncertainty : 0.37 kHz
Estimation Result of Uncertainty of Conducted Output Power Measurement	Expanded Uncertainty : 1.49 dB
Estimation Result of Uncertainty of Duty Cycle Measurement	Expanded Uncertainty : 0.18 ms

The decision rule is: Measurement uncertainty is not included in the calculation of test results.

2.4 Test equipment utilized

Adjacent channel leakage power & Frequency Tolerance & OCCUPIED BANDWIDTH
& EIRP POWER & Suspend Time & Transmission Time

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2026/3/12	2027/3/11	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2026/2/13	2027/2/12	WTS	C

Carrier sense

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2026/3/12	2027/3/11	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2025/8/25	2026/8/24	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 135	EXG Analog Signal Generator	N5171B	MY53050476	Agilent	2026/5/15	2027/5/14	ITRI	C

Mask

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 133	EXA Signal Analyzer	N9010A	MY53470566	Agilent	2026/5/14	2027/5/13	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2026/2/13	2027/2/12	WTS	C

Conducted spurious emission

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date	Calibration Body	Calibration Method
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 133	EXA Signal Analyzer	N9010A	MY53470566	Agilent	2026/5/14	2027/5/13	ITRI	C
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test		N/A	N/A
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2026/2/13	2027/2/12	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2026/2/13	2027/2/12	WTS	C



Frequency Tolerance in Environment

Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2026/2/13	2027/2/12
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2026/3/12	2027/3/11
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12
ETSTW-CE 041	TEMP.&HUMIDITY CHAMBER	GTH-225-40-CP-AR	MAA2602-005	GIANT FORCE	2026/1/16	2027/1/15
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2026/2/13	2027/2/12

Frequency Tolerance in Vibration

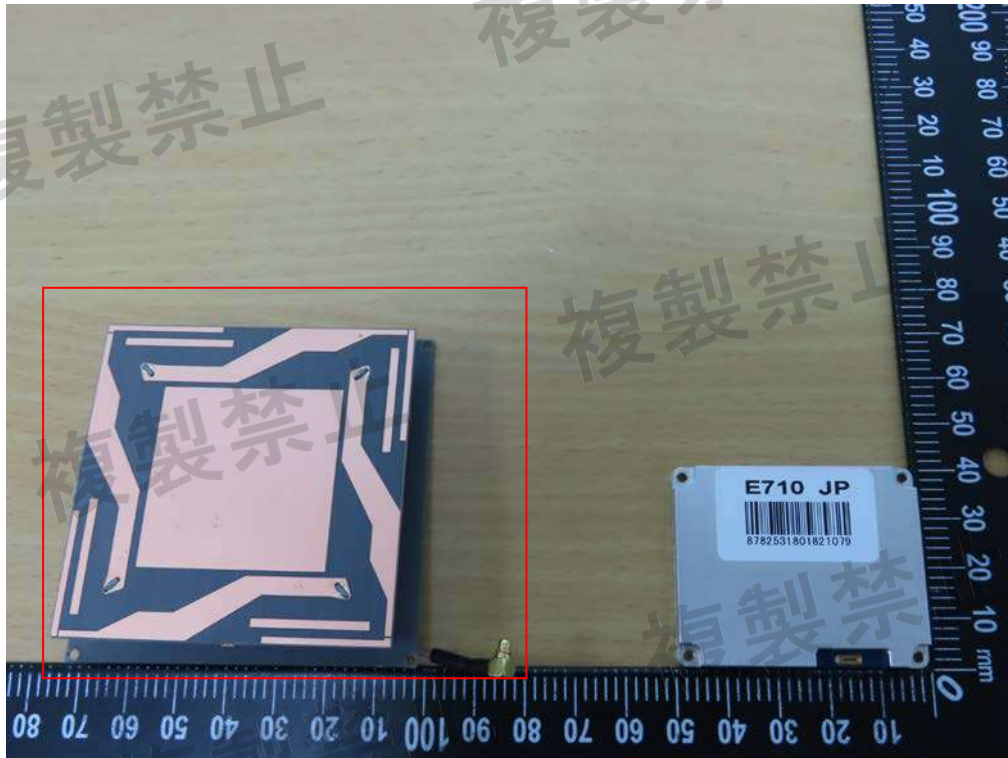
Code No.	Test equipment	Mode No.	Serial No.	Brand	Cal. Date	Next Cal. Date
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2026/2/13	2027/2/12
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2026/3/12	2027/3/11
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12
ETSTW-RF 005	Vibration Testing Machine / Vibration Tester	VS-5060M	R114004	VS	2026/4/1	2027/3/31
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2026/2/13	2027/2/12

Calibration Method:

- Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
- Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
- Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

3 Test results (enclosure)

3.1 Antenna specifications



Antenna Type: Patch Antenna
Antenna Gain: 3.6 dBi

Voltage variation

Test Condition	Voltage Condition	Voltage Input (V)	Voltage Output (V)	Tolerance (%)
DC 5V	Normal	5	3.32	-
	Low	4.50	3.32	0.0%
	High	5.50	3.32	0.0%

The influence of input voltage to output voltage is within 1%.
Therefore we performed test under normal voltage DC 5V.



3.2 Frequency Tolerance

Test date: June 01, 2026

Temperature: 26.0°C

Humidity: 54.1%

Tester: Rick

Tolerance from nominal frequency:

Frequency Tolerance				
Frequency(MHz)	Test Volt	Result(MHz)	Error(ppm)	Limit
916.8	5Vd.c.	916.800160	0.2	20
919.2		919.200160	0.2	
920.8		920.800160	0.2	

Frequency Tolerance in Vibration				
Frequency(MHz)	Test Volt	Result(MHz)	Error(ppm)	Limit
916.8	5Vd.c.	916.800160	0.2	20
919.2		919.200160	0.2	
920.8		920.800160	0.2	

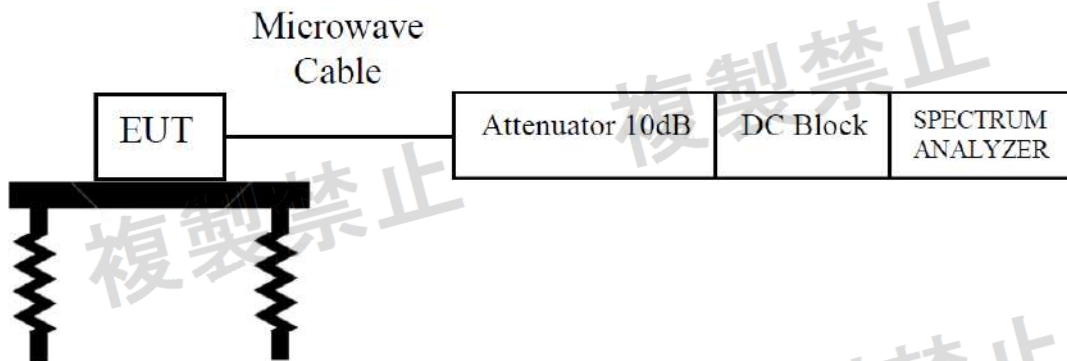
Frequency Tolerance in Environment						
Frequency(MHz)	Test Volt	Temperature(°C)	Humidity(%)	Result(MHz)	Error(ppm)	Limit
916.8	5Vd.c.	35	85	916.800240	0.3	20
919.2				919.200240	0.3	
920.8				920.800240	0.3	
916.8		-20	55	916.800000	0.0	
919.2				919.199920	-0.1	
920.8				920.800000	0.0	
916.8		50	55	916.800320	0.3	
919.2				919.200320	0.3	
920.8				920.800320	0.3	

Limits:

Under all test conditions	< 20 ppm
---------------------------	----------

Test setup

Frequency Tolerance in Vibration



Note:

Double amplitude: 3 mm

Vibration frequency: From the lowest frequency achievable by the vibration test machine up to 500 cycles per minute (cpm)

Vibration directions:

Vertical (up and down)

Lateral (left and right)

Longitudinal (front and back)

Duration: 15 minutes in each direction

3.3 Occupied Bandwidth (99% channel power bandwidth)

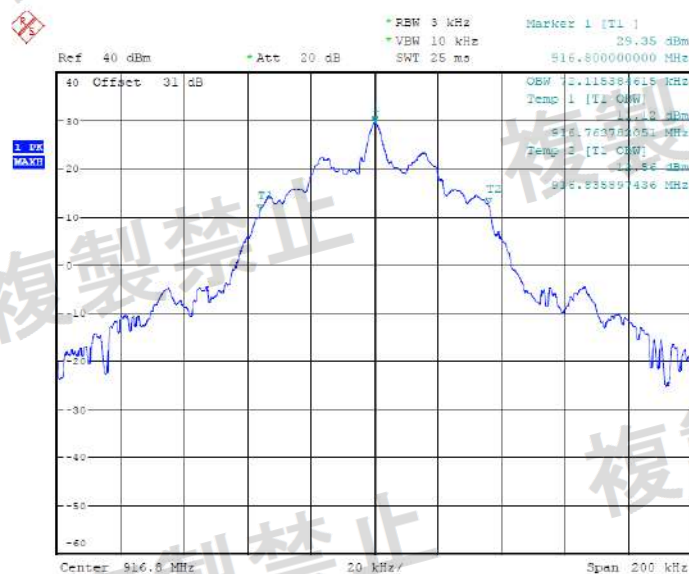
Test date: June 01, 2026

Temperature: 26.0°C

Humidity: 54.1%

Tester: Rick

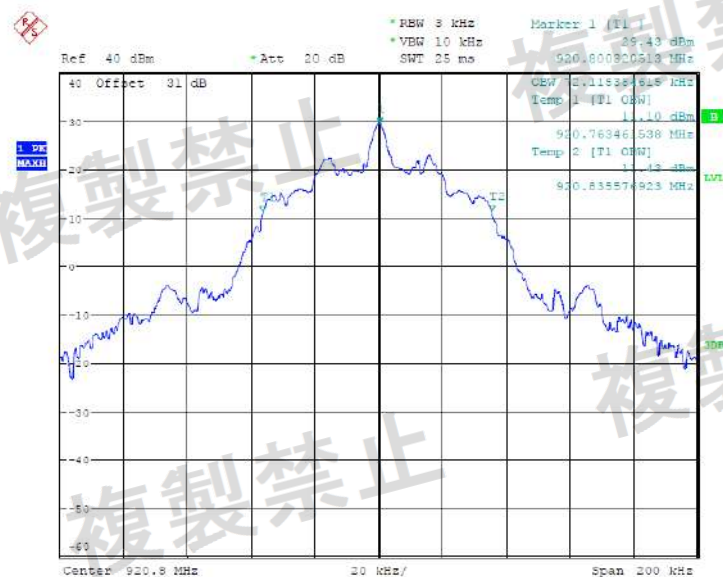
Occupied Bandwidth		
Test Frequency	Test Volt	measure value(KHz)
916.8MHz	5Vd.c.	72.11538462
919.2MHz		72.11538462
920.8MHz		72.11538462



OCCUPIED BANDWIDTH 916.8MHz 5V
Date: 1 JUN 2026 15:37:42



OCCUPIED BANDWIDTH 919.2MHz 5V
Date: 1.JUN.2026 15:36:57



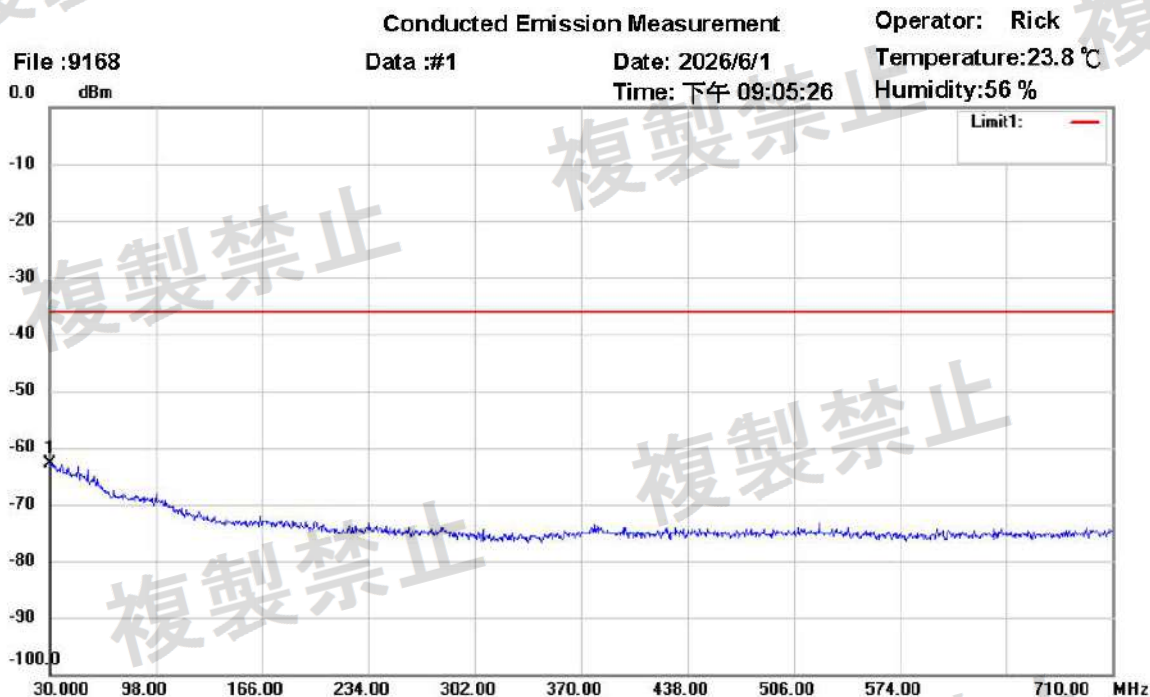
OCCUPIED BANDWIDTH 920.8MHz 5V
Date: 1.JUN.2026 15:38:13

Limits:

Under all test conditions	Occupied bandwidth: (200 x n) kHz or less
---------------------------	---



3.4 Spurious emissions(conducted)_ transmitter



Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dEm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	30.0000	-86.84		23.86	-62.98	-36.00			-26.98	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#2

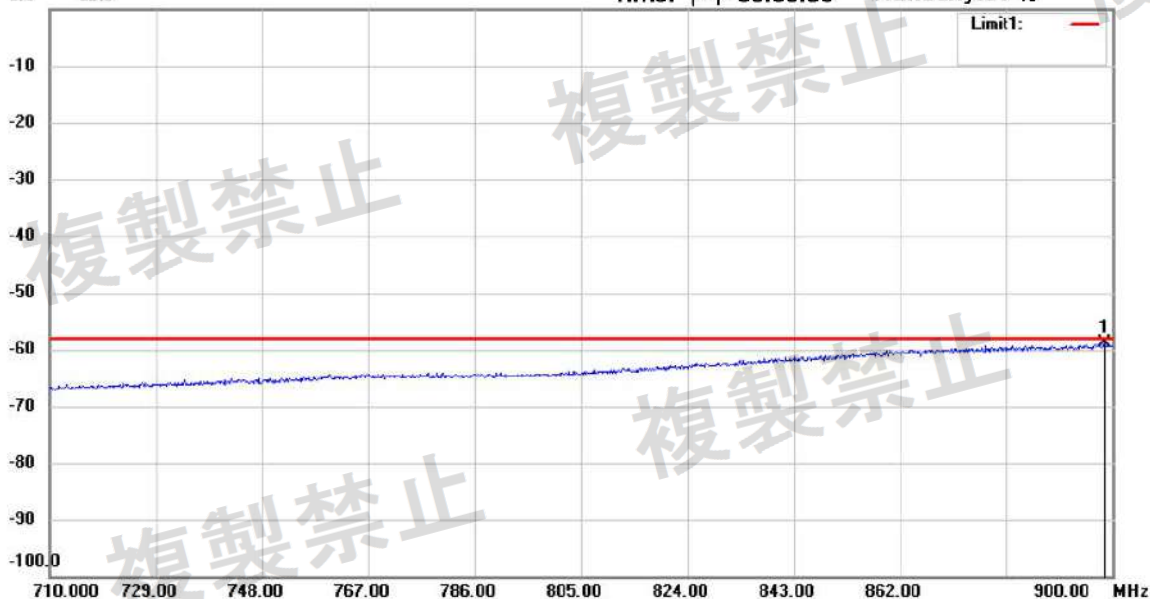
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:05:36

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	898.4800	-69.32		10.42	-58.90	-58.00			-0.90	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#3

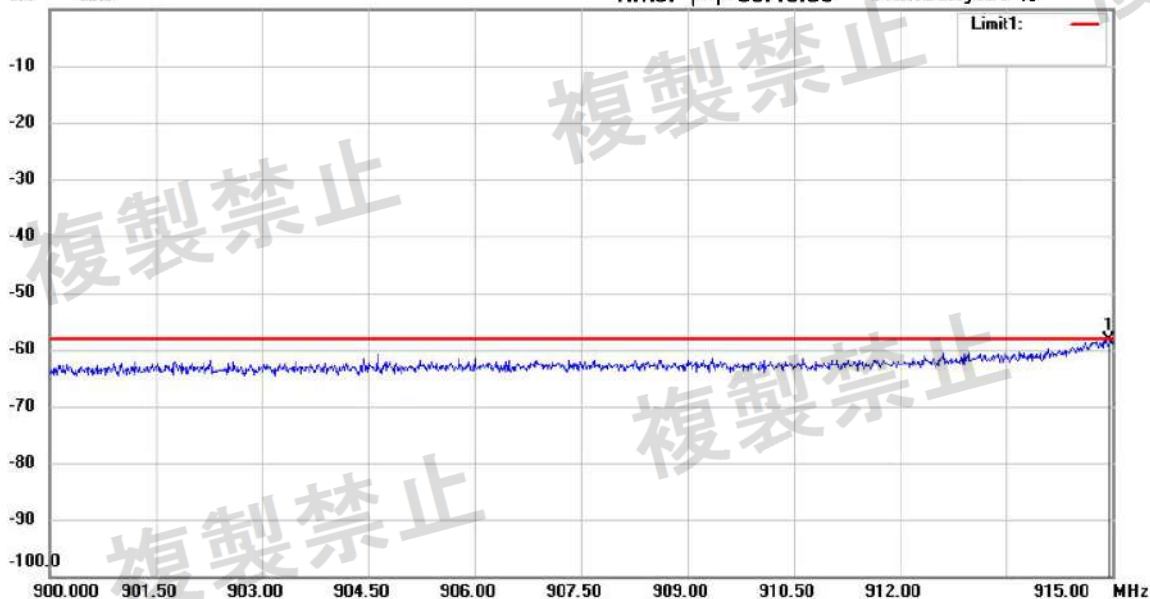
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:18:50

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	914.9550	-68.39		10.13	-58.26	-58.00			-0.26	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#4

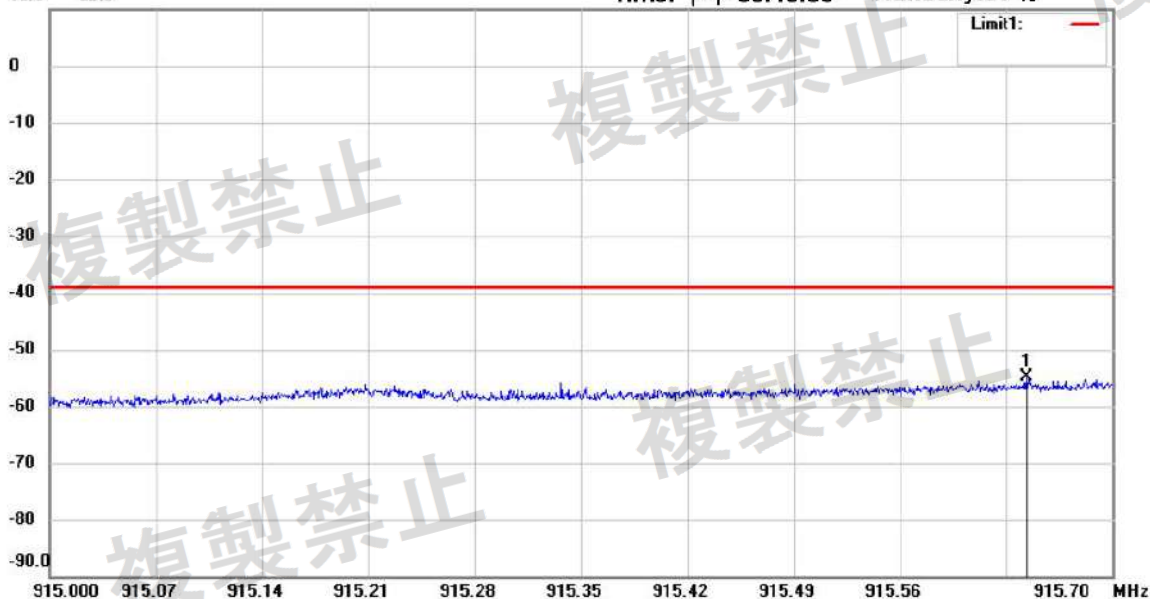
Date: 2026/6/1

Temperature:23.8 °C

10.0 dBm

Time: 下午 09:19:00

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	915.6433	-65.09		10.13	-54.96	-39.00			-15.96	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#5

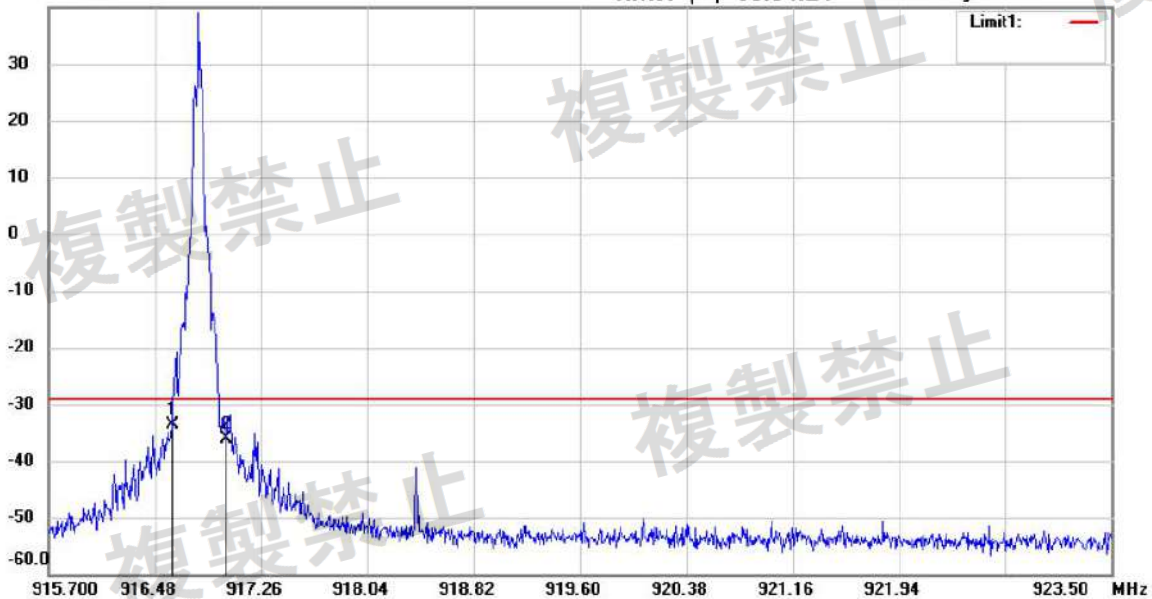
Date: 2026/6/1

Temperature:23.8 °C

40.0 dBm

Time: 下午 09:31:24

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	916.6000	-79.08		45.53	-33.55	-29.00			-4.55	
	917.0000	-81.68		45.53	-36.15	-29.00			-7.15	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#6

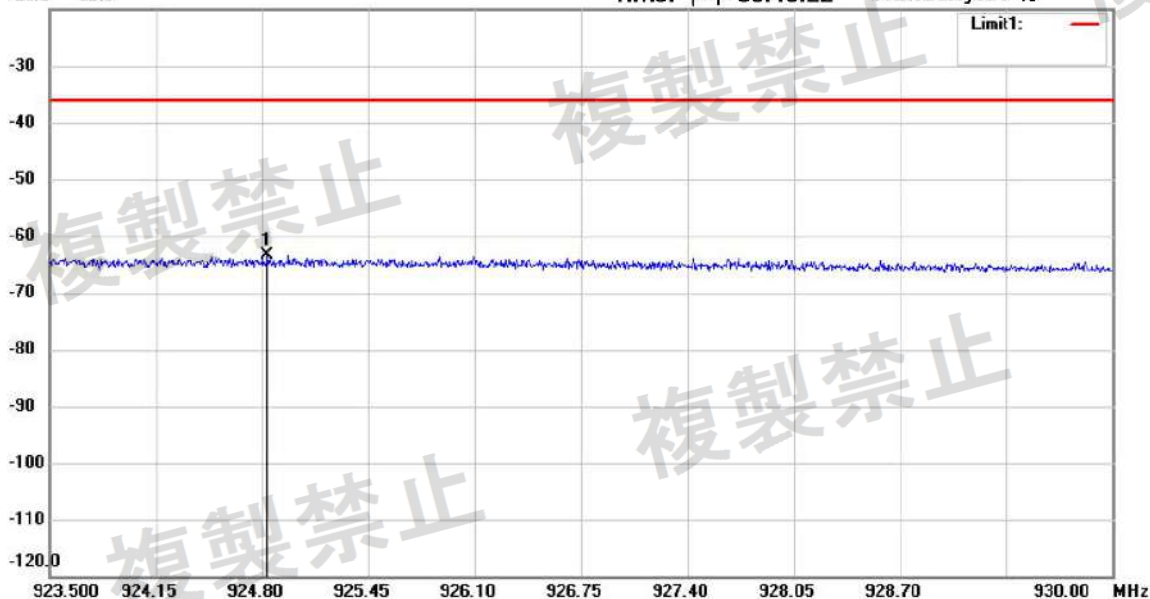
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:43:22

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	924.8325	-93.68		30.30	-63.38	-36.00			-27.38	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#7

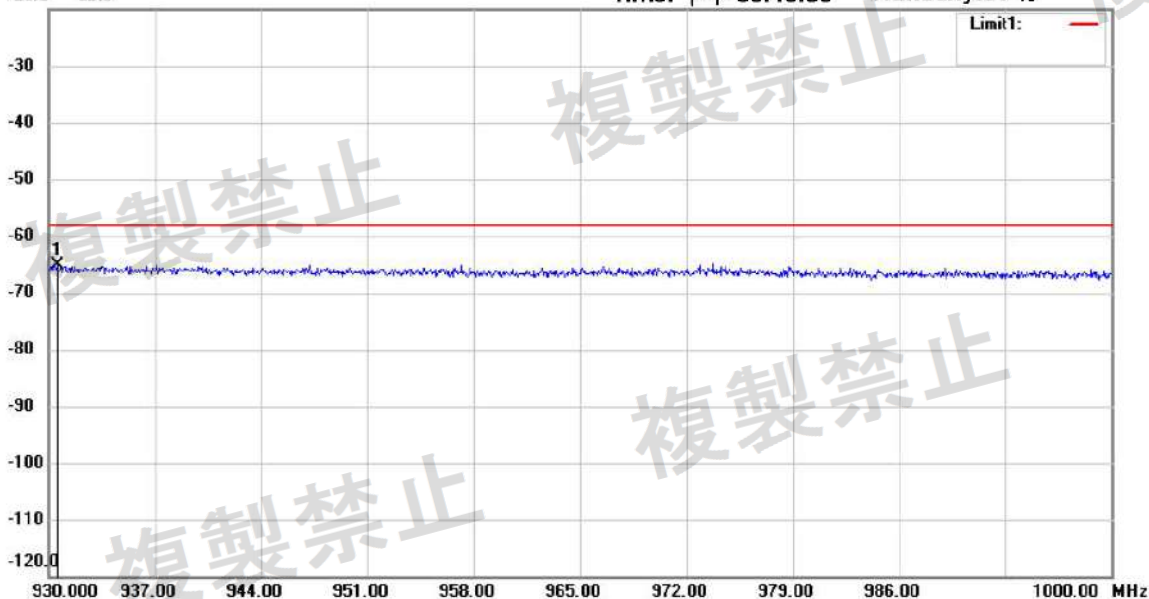
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:43:35

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	930.5600	-95.47		30.31	-65.16	-58.00			-7.16	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#8

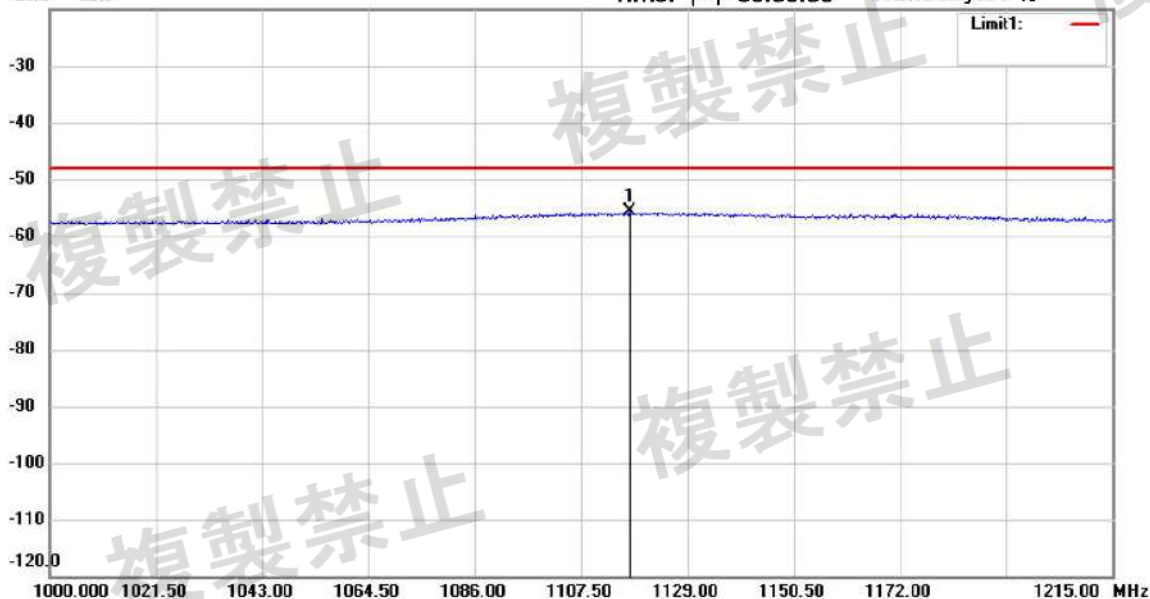
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:55:58

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1117.390	-86.04		30.34	-55.70	-48.00			-7.70	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#9

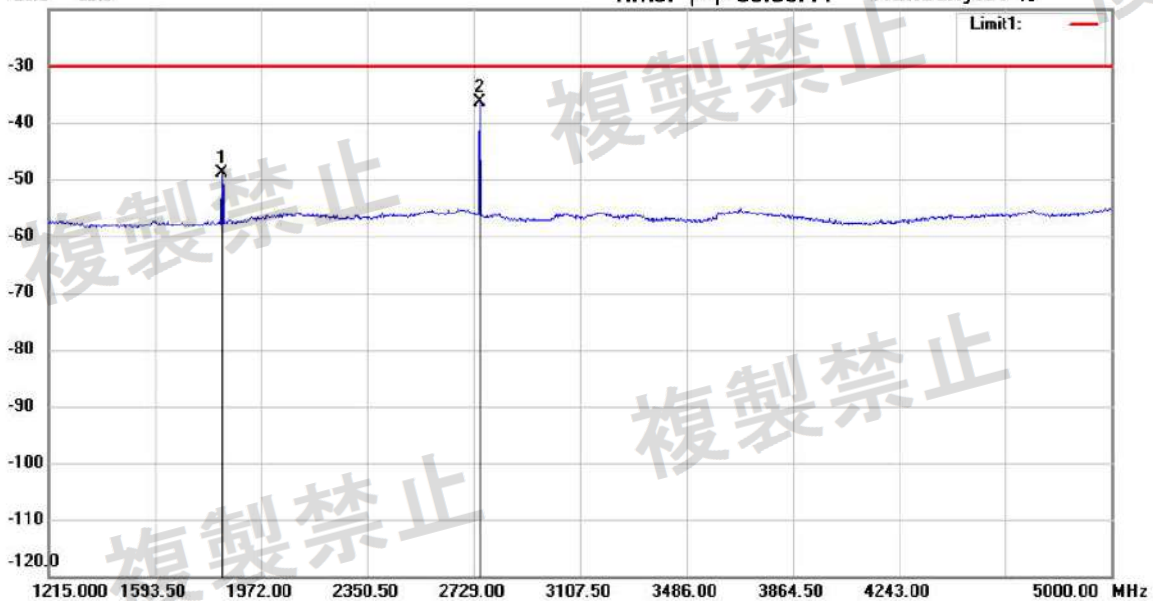
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:56:11

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1831.955	-79.23		30.42	-48.81	-30.00			-18.81	
*	2751.710	-66.98		30.54	-36.44	-30.00			-6.44	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#1

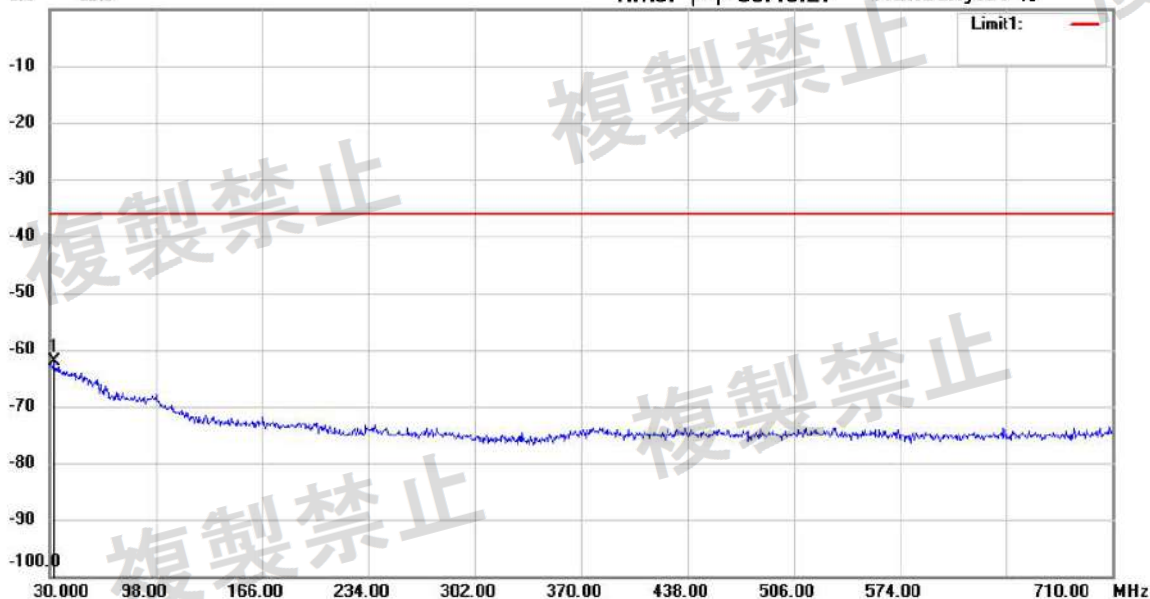
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:13:27

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	32.7200	-85.63		23.50	-62.13	-36.00			-26.13	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#2

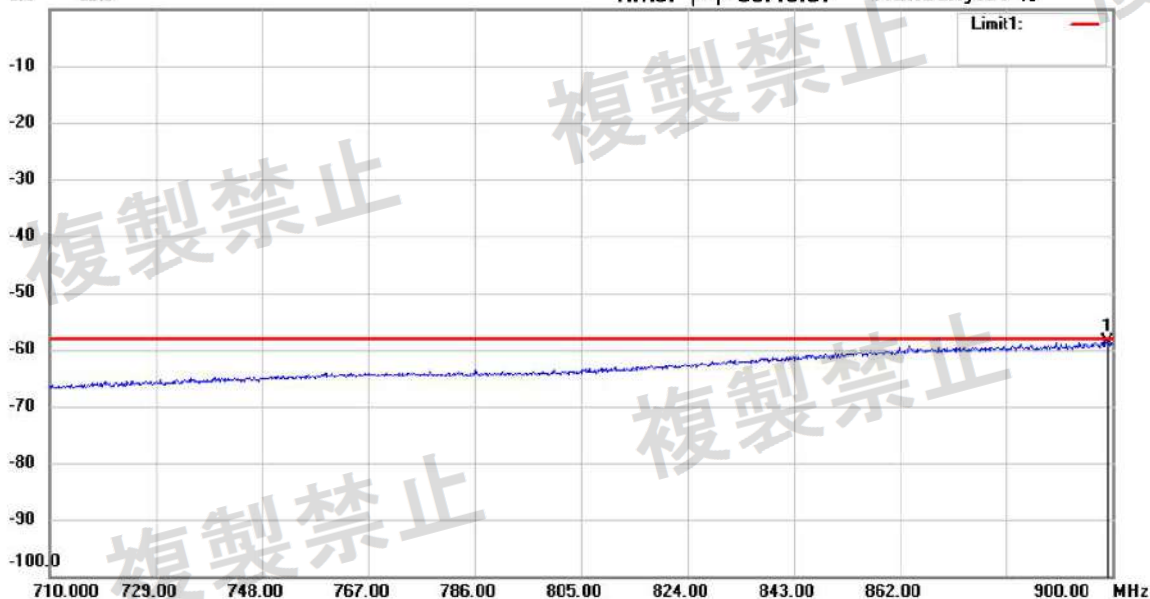
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:13:37

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	899.0500	-69.03		10.42	-58.61	-58.00			-0.61	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#3

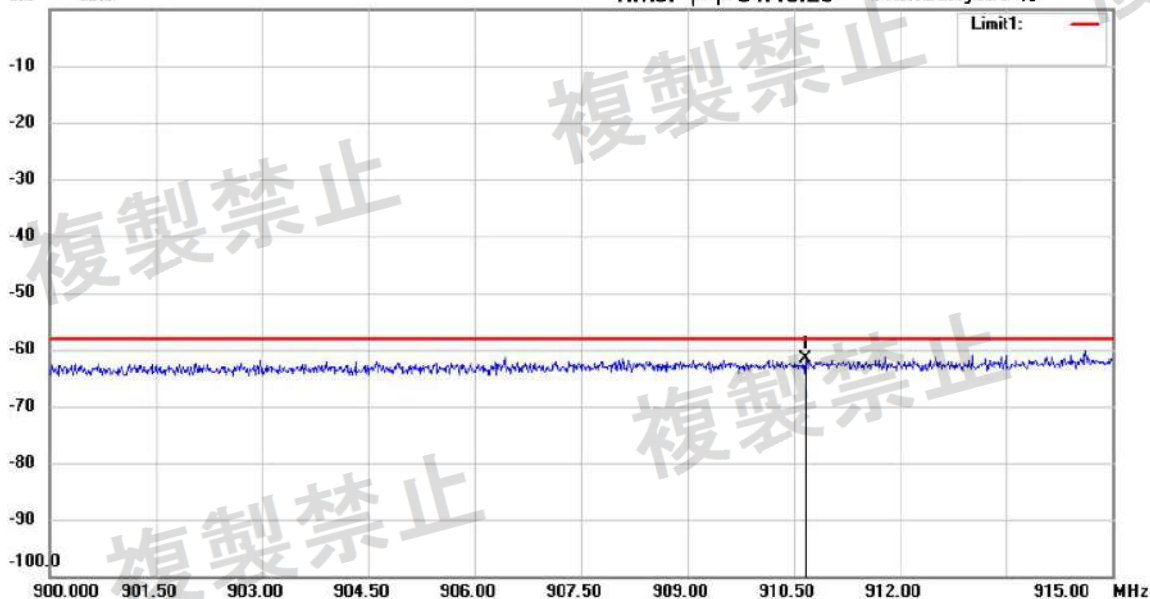
Date: 2026/6/2

Temperature:23.8 °C

0.0 dBm

Time: 下午 01:48:20

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	910.6650	-71.82		10.13	-61.69	-58.00			-3.69	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#4

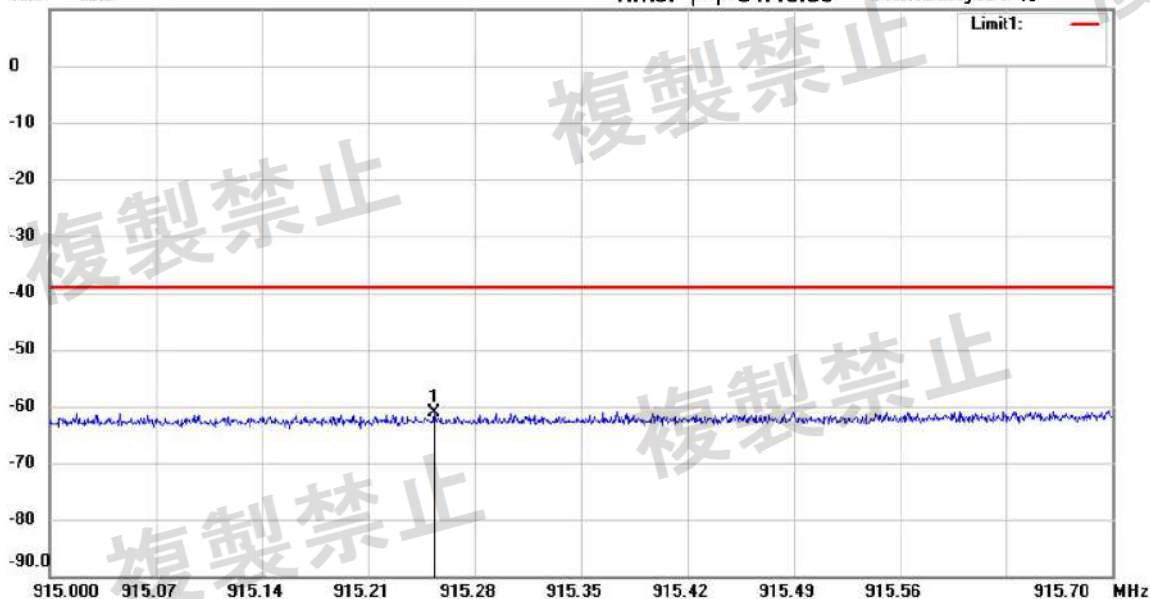
Date: 2026/6/2

Temperature:23.8 °C

10.0 dBm

Time: 下午 01:48:30

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	915.2534	-71.25		10.13	-61.12	-39.00			-22.12	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#5

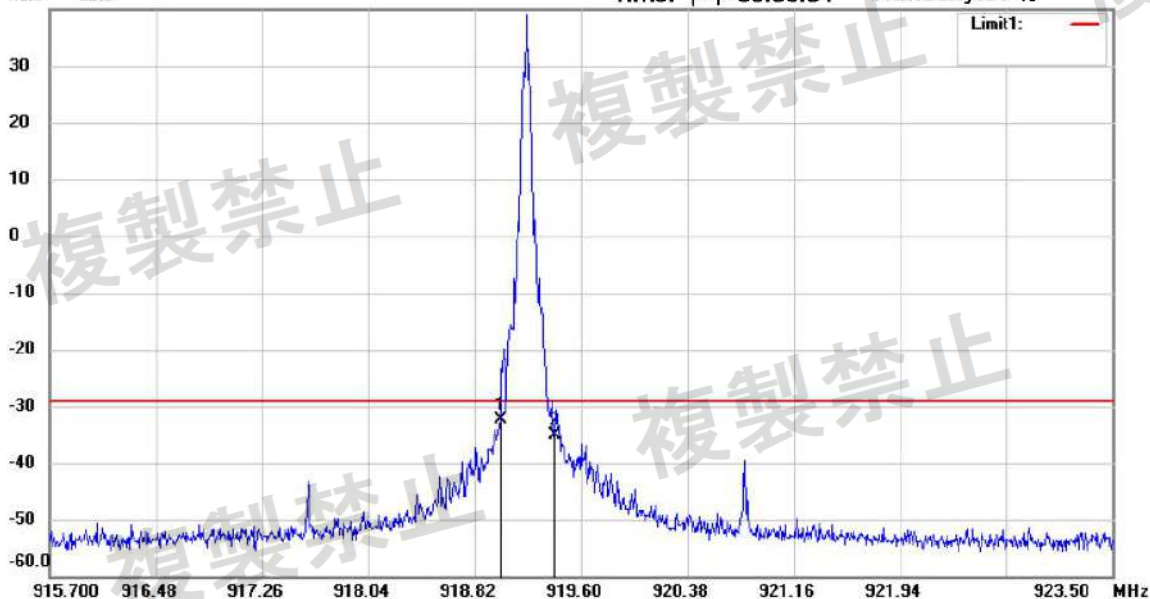
Date: 2026/6/1

Temperature:23.8 °C

40.0 dBm

Time: 下午 09:30:31

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	919.0000	-77.99		45.53	-32.46	-29.00			-3.46	
	919.4000	-80.56		45.53	-35.03	-29.00			-6.03	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#6

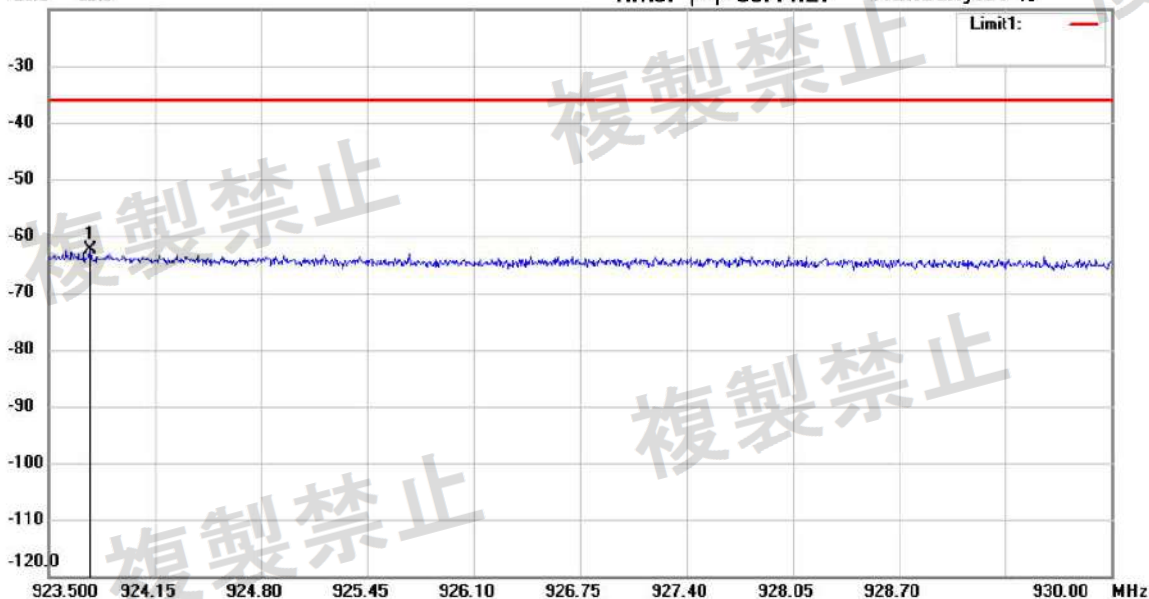
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:44:27

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	923.7535	-92.73		30.30	-62.43	-36.00			-26.43	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#7

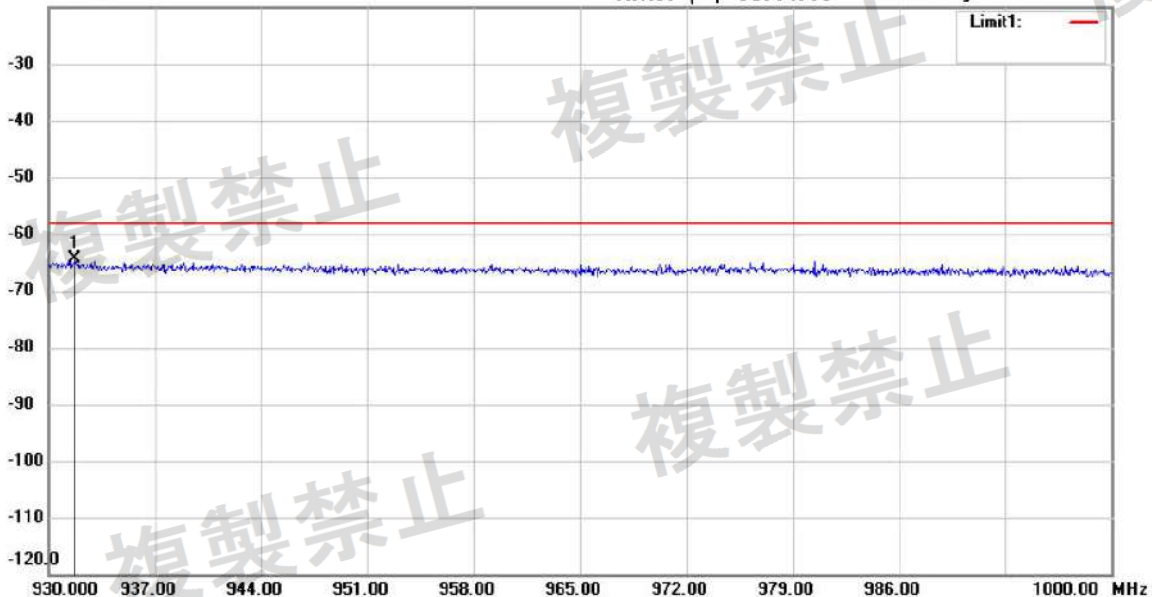
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:44:40

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	931.7500	-94.80		30.31	-64.49	-58.00			-6.49	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#8

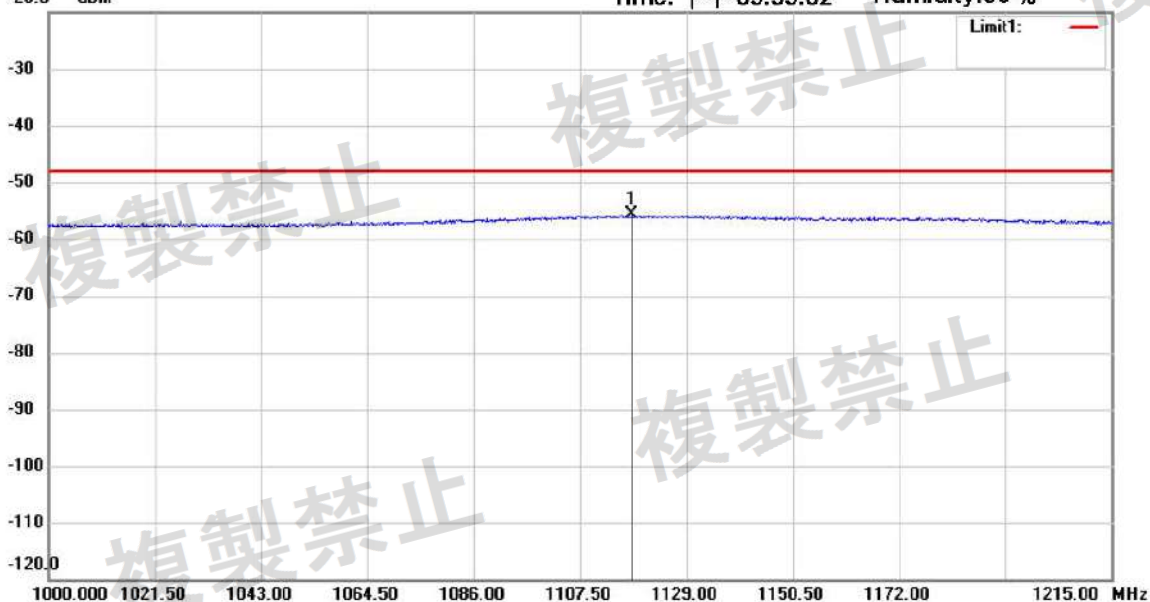
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:55:02

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1118.035	-86.00		30.34	-55.66	-48.00			-7.66	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#9

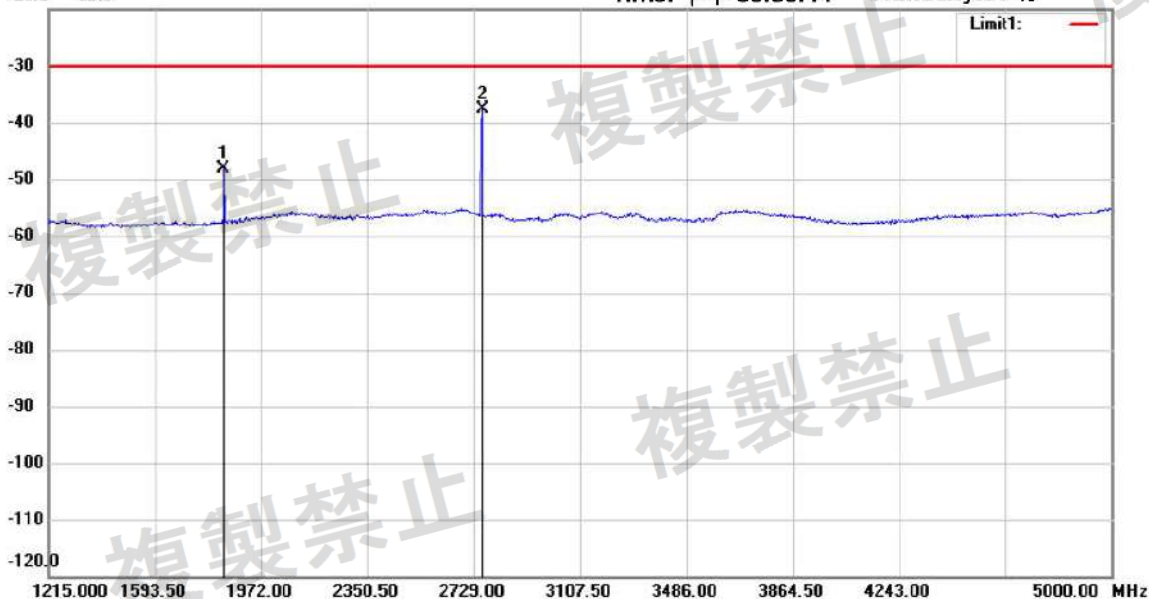
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:55:14

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1839.525	-78.63		30.42	-48.21	-30.00			-18.21	
*	2759.280	-68.18		30.54	-37.64	-30.00			-7.64	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#1

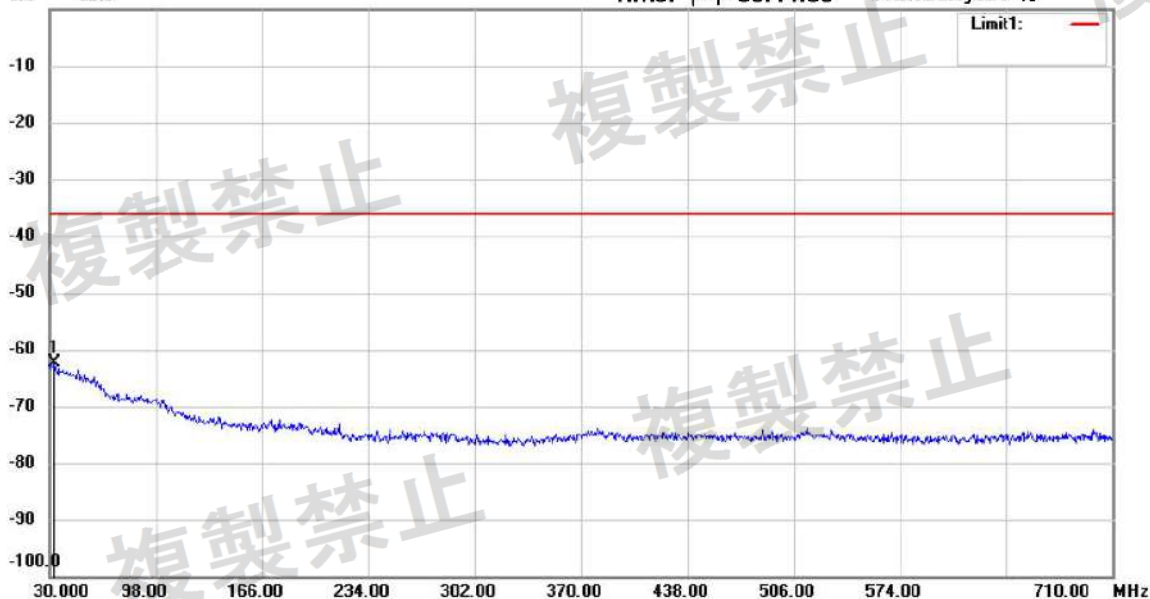
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:14:05

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	33.4000	-85.85		23.41	-62.44	-36.00			-26.44	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#2

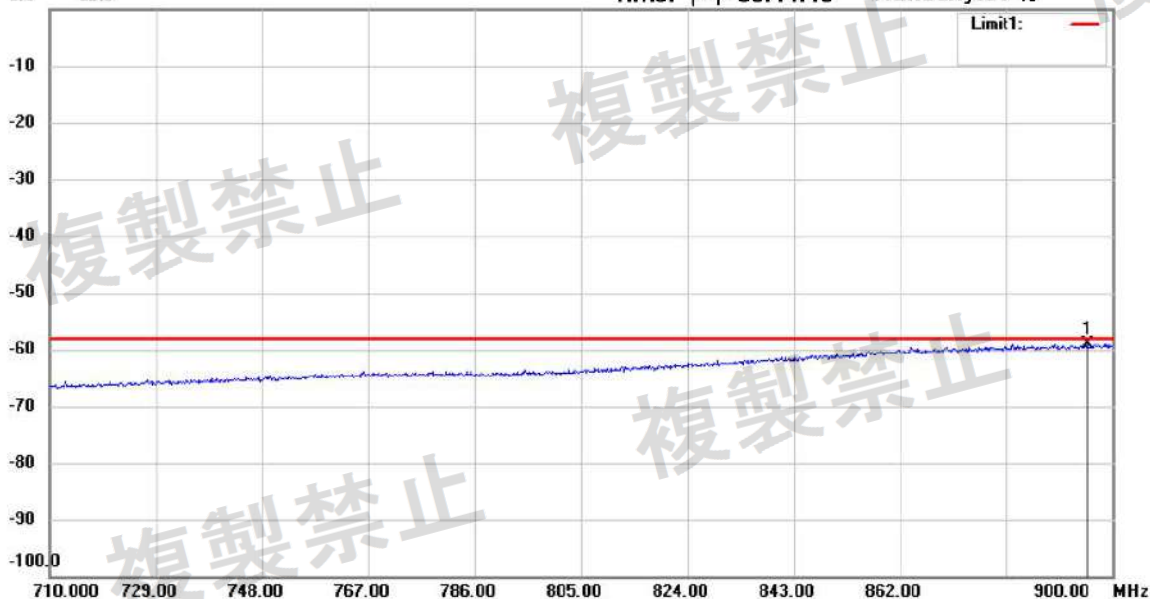
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:14:15

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	895.4400	-69.46		10.42	-59.04	-58.00			-1.04	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#3

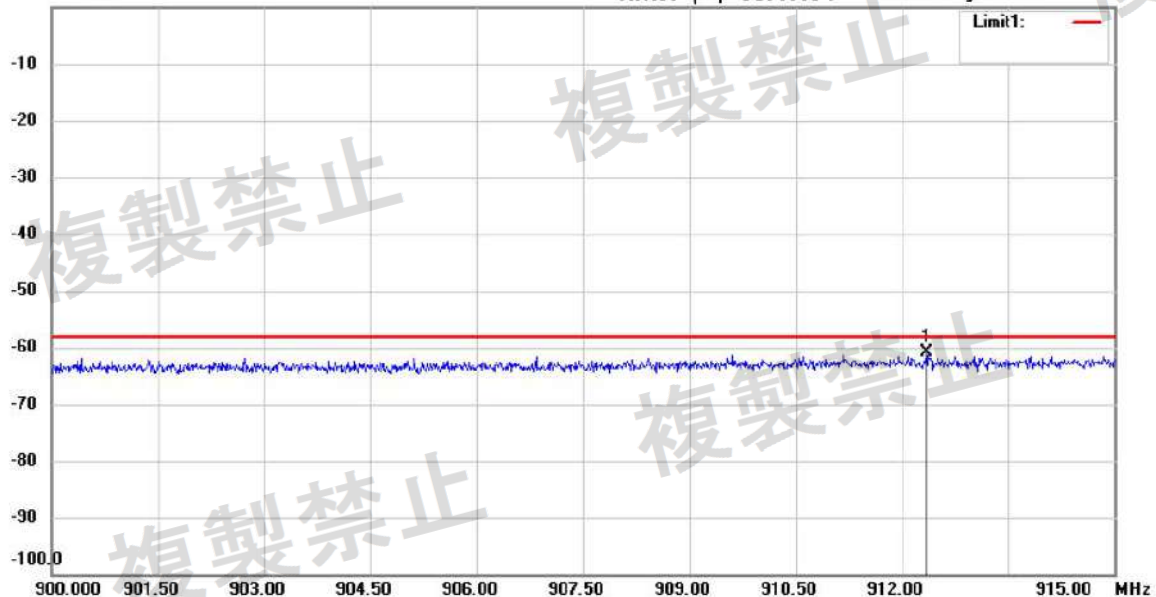
Date: 2026/6/1

Temperature:23.8 °C

0.0 dBm

Time: 下午 09:17:01

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	912.3450	-71.00		10.13	-60.87	-58.00			-2.87	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#4

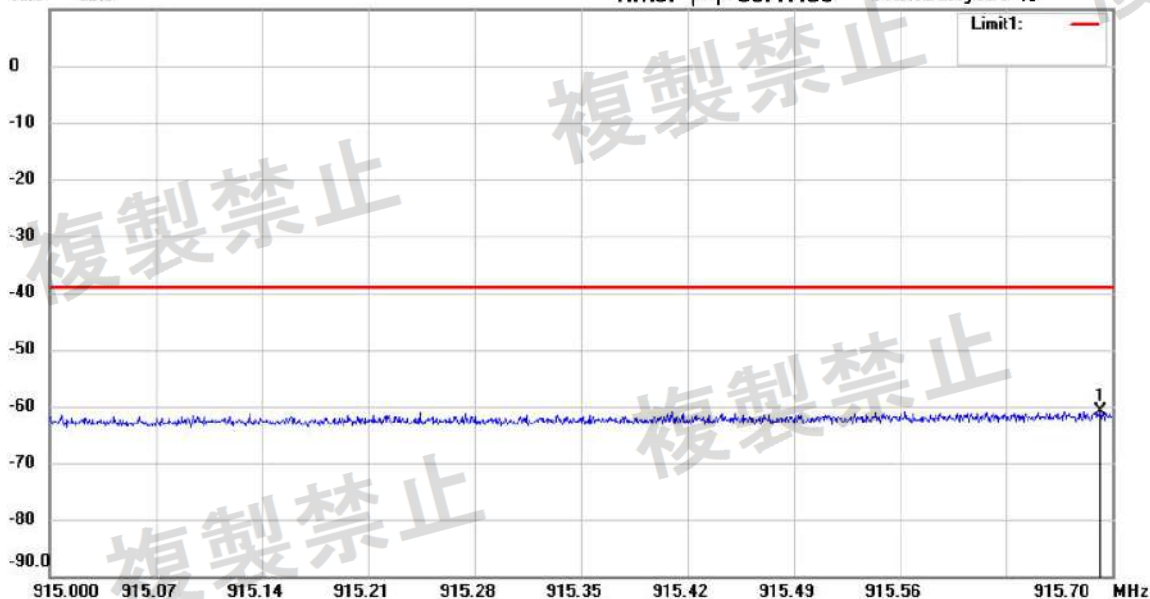
Date: 2026/6/1

Temperature:23.8 °C

10.0 dBm

Time: 下午 09:17:56

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	915.6923	-70.97		10.13	-60.84	-39.00			-21.84	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#5

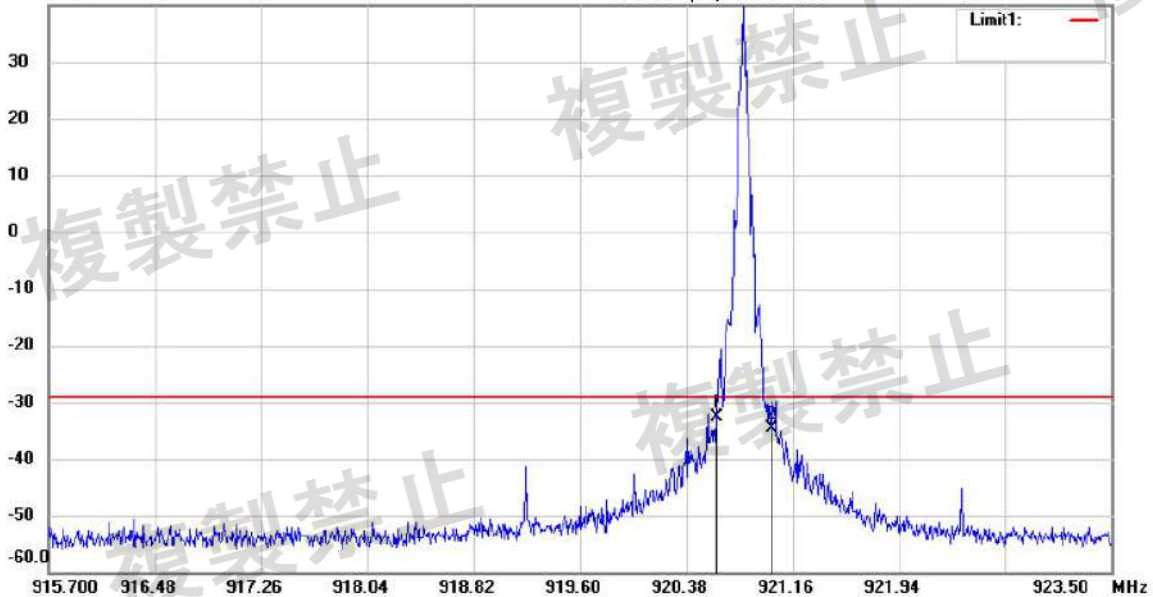
Date: 2026/6/1

Temperature:23.8 °C

40.0 dBm

Time: 下午 09:32:15

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	920.6000	-78.17		45.53	-32.64	-29.00			-3.64	
	921.0000	-80.07		45.53	-34.54	-29.00			-5.54	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#6

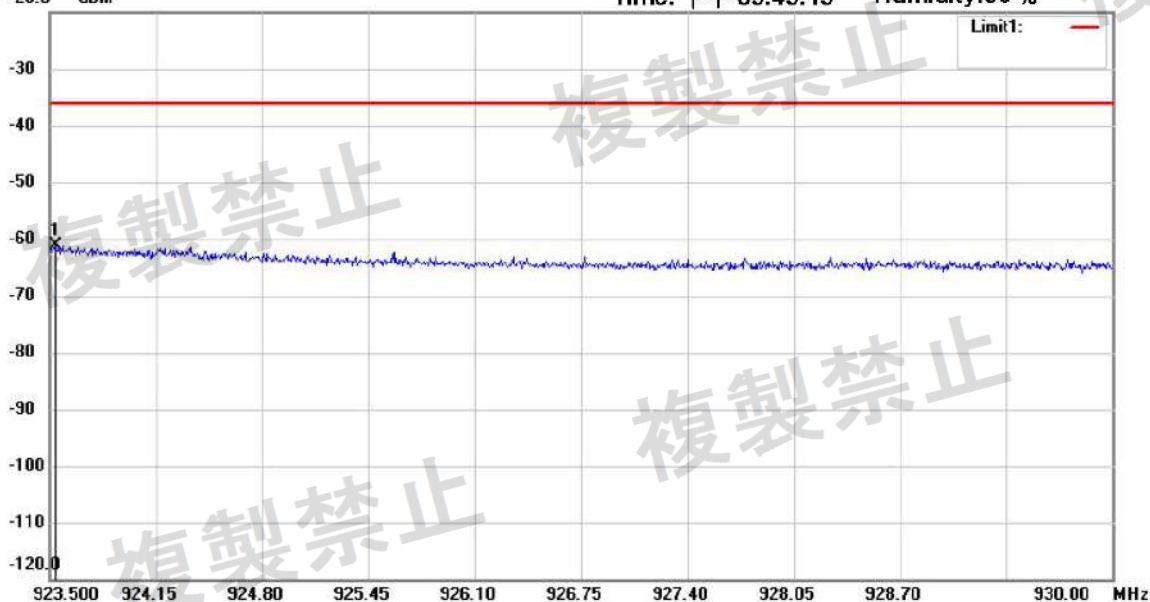
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:45:15

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	923.5390	-91.31		30.30	-61.01	-36.00			-25.01	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#7

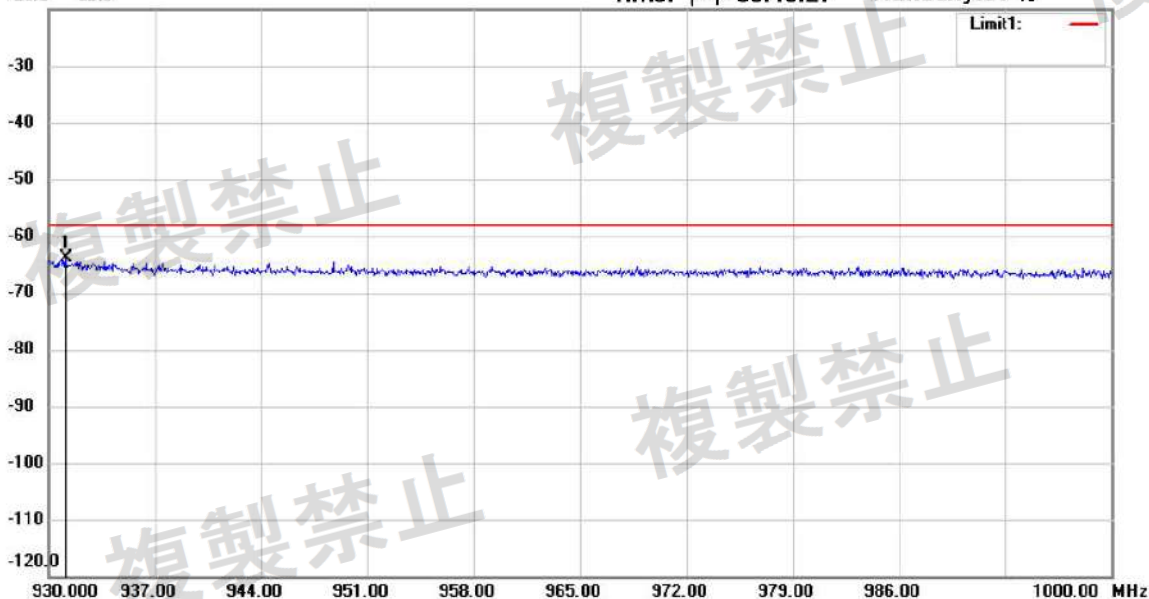
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:45:27

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	931.1200	-94.13		30.31	-63.82	-58.00			-5.82	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#8

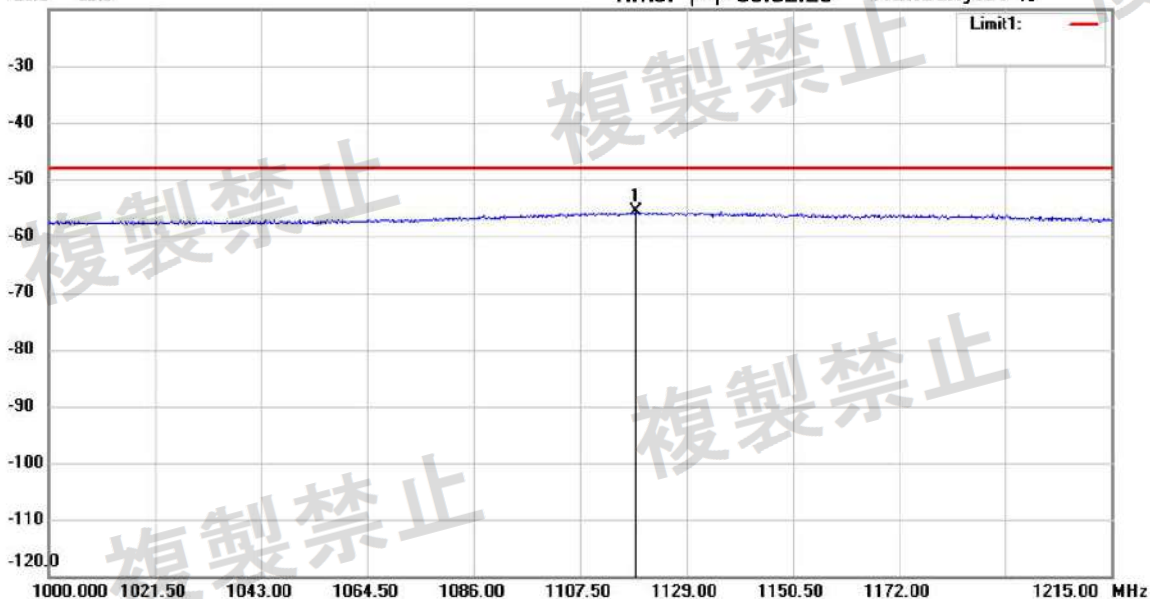
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:52:28

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1118.680	-86.08		30.34	-55.74	-48.00			-7.74	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#9

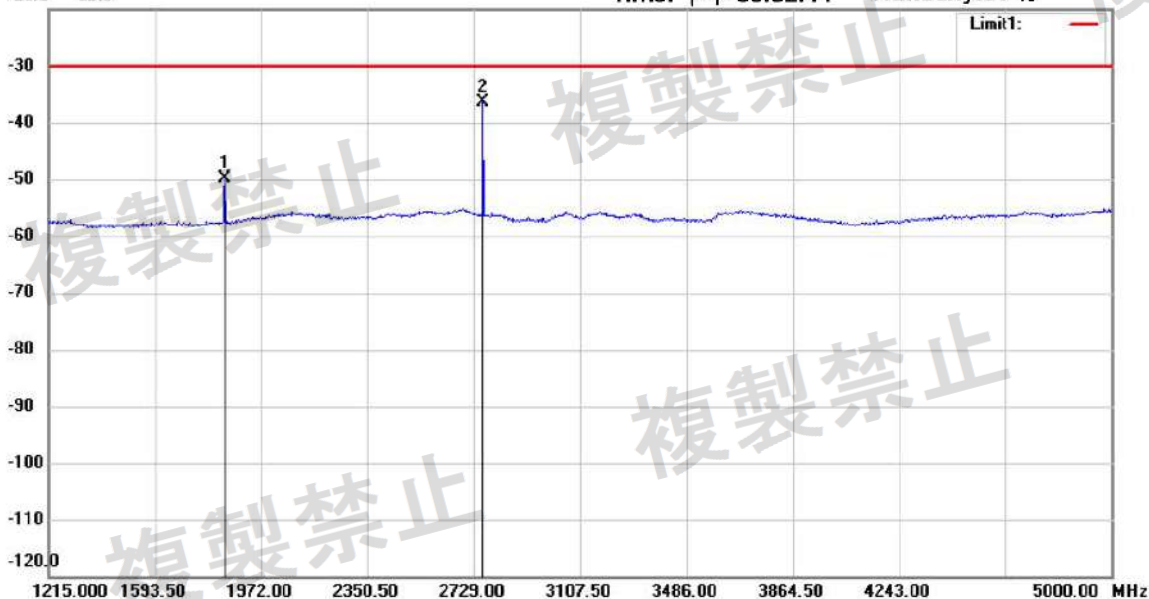
Date: 2026/6/1

Temperature:23.8 °C

-20.0 dBm

Time: 下午 09:52:41

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
	1843.310	-80.41		30.42	-49.99	-30.00			-19.99	
*	2763.065	-66.79		30.54	-36.25	-30.00			-6.25	

Limits:

~ (≤) 710MHz : -36dBm/100kHz
710 (<) ~ (≤) 900MHz : -58dBm/1MHz
900 (<) ~ (≤) 915MHz : -58dBm/100kHz
915 (<) ~ (≤) 915.7MHz : -39dBm/100kHz
915.7 (<) ~ (≤) 923.5MHz* : -29dBm/100kHz
923.5 (<) ~ (≤) 930MHz : -39dBm/100kHz
930 (<) ~ (≤) 1000MHz : -58dBm/100kHz
1000 (<) ~ (≤) 1215MHz : -48dBm/1MHz
1215MHz (<) ~ : -30dBm/1MHz



30-710MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

710-900MHz

1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

900-915MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

915-915.7MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

915.7-923.5MHz

1. The measurement use RBW = 3 kHz, VBW = 3 kHz
2. The formula of 3 kHz convert to 100 kHz value as: $10 \cdot \log(100/3) = 15.23\text{dB}$
3. The unit is dBm/3kHz for the Reading.
4. The unit is dBm/100kHz for the Result, and the Limit.
5. Correction Factor = Attenuator + Cable loss + 15.23dB
6. The formula of measured value as: Test Result = Reading + Correction Factor
7. Line: PK Limit Line

923.5-930MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line



930-1000MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

1000-1215MHz

1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

1215-5000MHz

1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line



3.5 Antenna Power

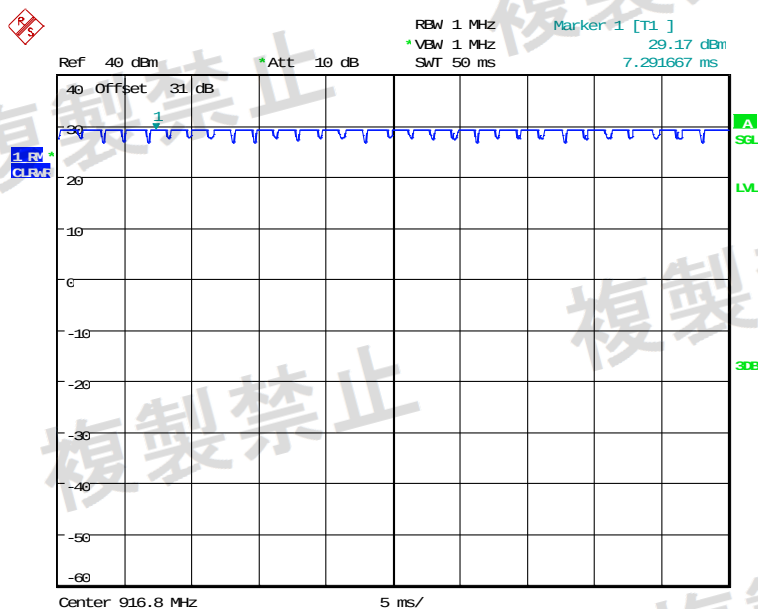
Test date: June 01, 2026

Temperature: 26.0°C

Humidity: 54.1%

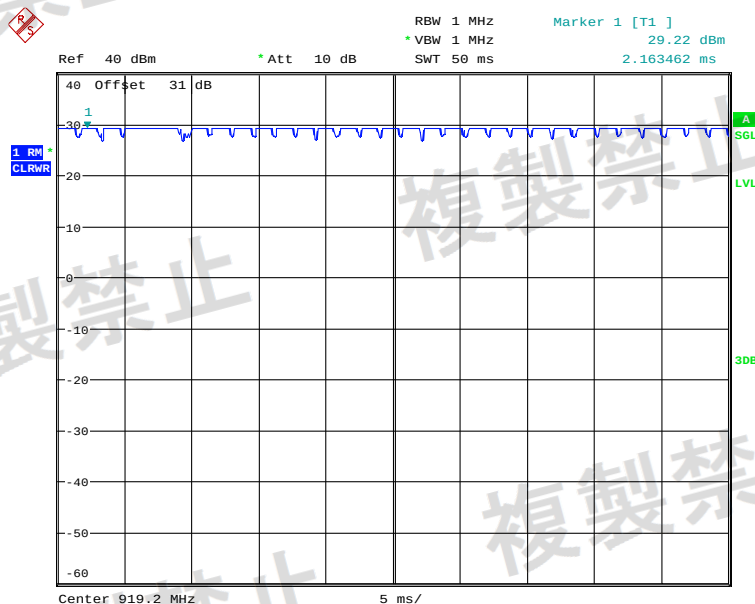
Tester: Rick

Max Output Power (Unit in mW)			
Test Frequency	Test Volt	W	Limit
916.8MHz	5Vd.c.	0.826	1W
919.2MHz		0.836	
920.8MHz		0.836	

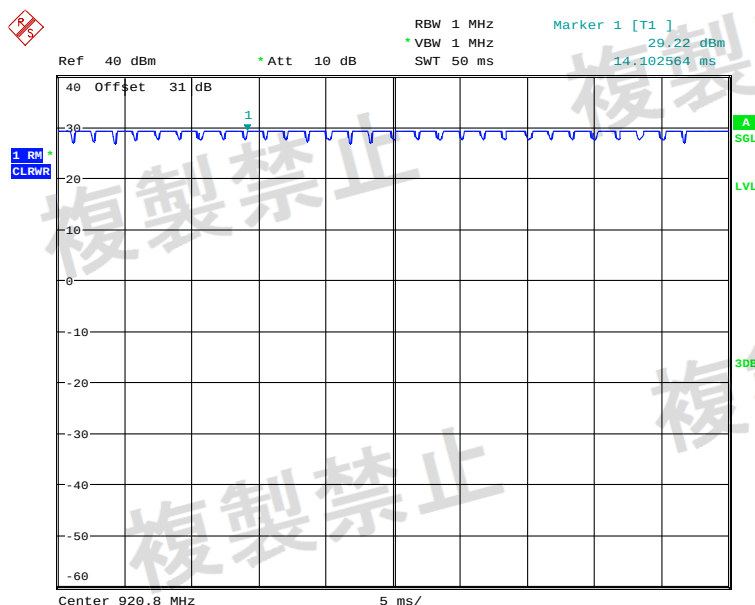


MAX OUTPUT POWER 916.8MHz 5V

Date: 1.JUN.2026 20:13:12



MAX OUTPUT POWER 919.2MHz 5V
Date: 1.JUN.2026 20:16:58



MAX OUTPUT POWER 920.8MHz 5V
Date: 1.JUN.2026 20:20:29

Tolerance based on rated output power 1000mW

835.60mW	-16.44%
826.04mW	-17.40%

Limits:

Under all test conditions +20 % , -80%

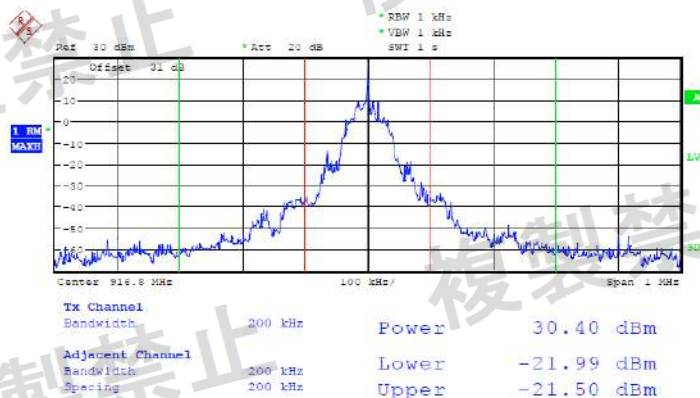
3.6 Tolerance of adjacent channel leakage power

Test date: June 02, 2026

Temperature: 27.5°C

Humidity: 58.4%

Tester: Rick



ADJACENT CHANNEL LEAKAGE POWER 916.8MHz 5V
 Date: 2.JUN.2026 15:43:51



ADJACENT CHANNEL LEAKAGE POWER 919.2MHz 5V
 Date: 2.JUN.2026 15:42:49



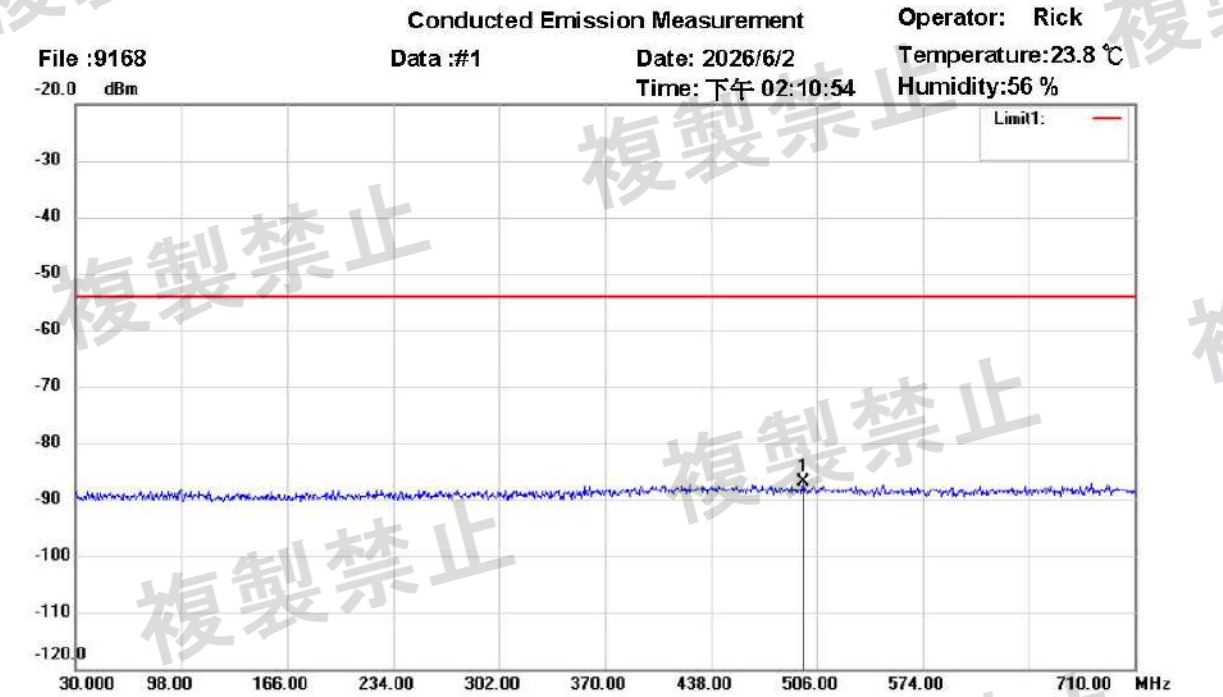
Limit

Under all test conditions

0.5 dBm or less



3.6 Spurious emission receiver



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	497.1600	-97.01		10.03	-86.98	-54.00			-32.98	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#2

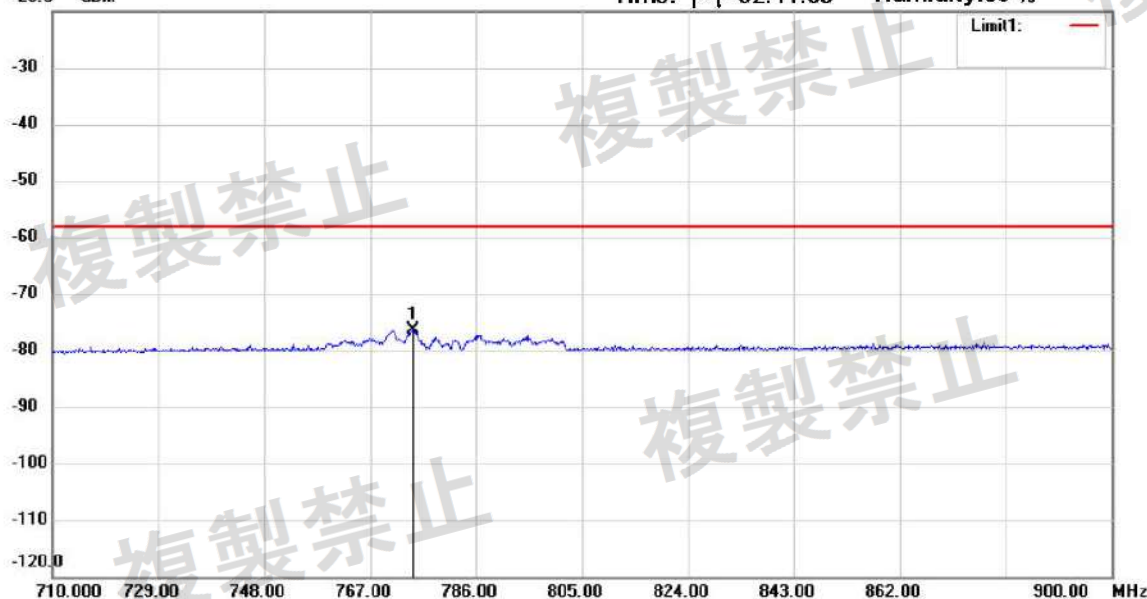
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:11:05

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	774.7901	-86.56		10.12	-76.44	-58.00			-18.44	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#3

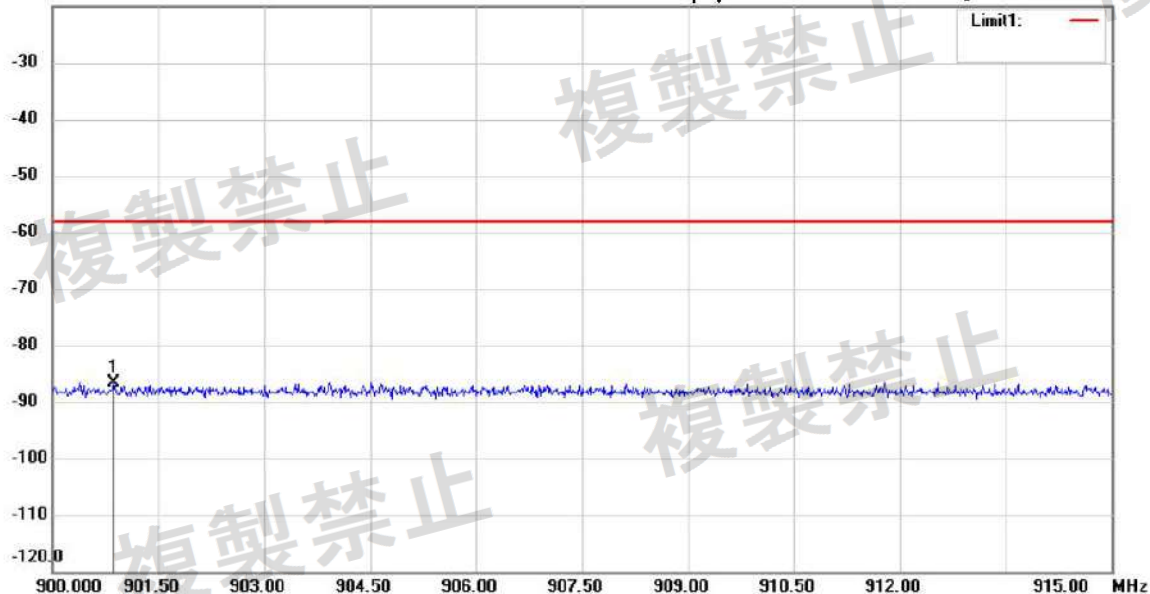
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:11:15

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	900.8701	-96.66		10.13	-86.53	-58.00			-28.53	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#4

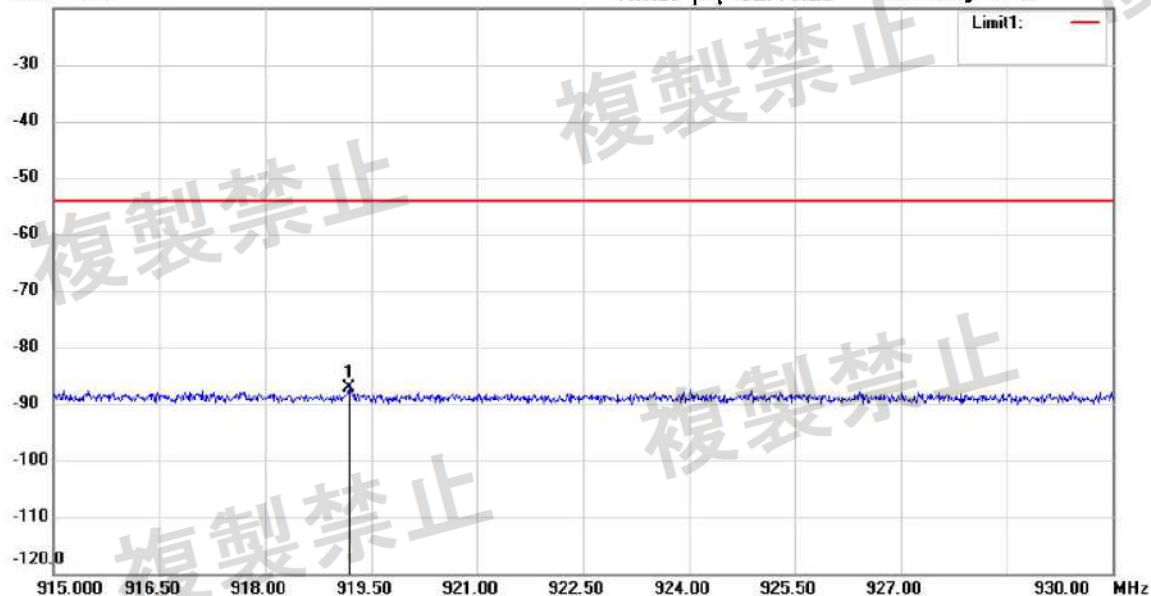
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:11:26

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	919.1851	-97.26		10.13	-87.13	-54.00			-33.13	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#5

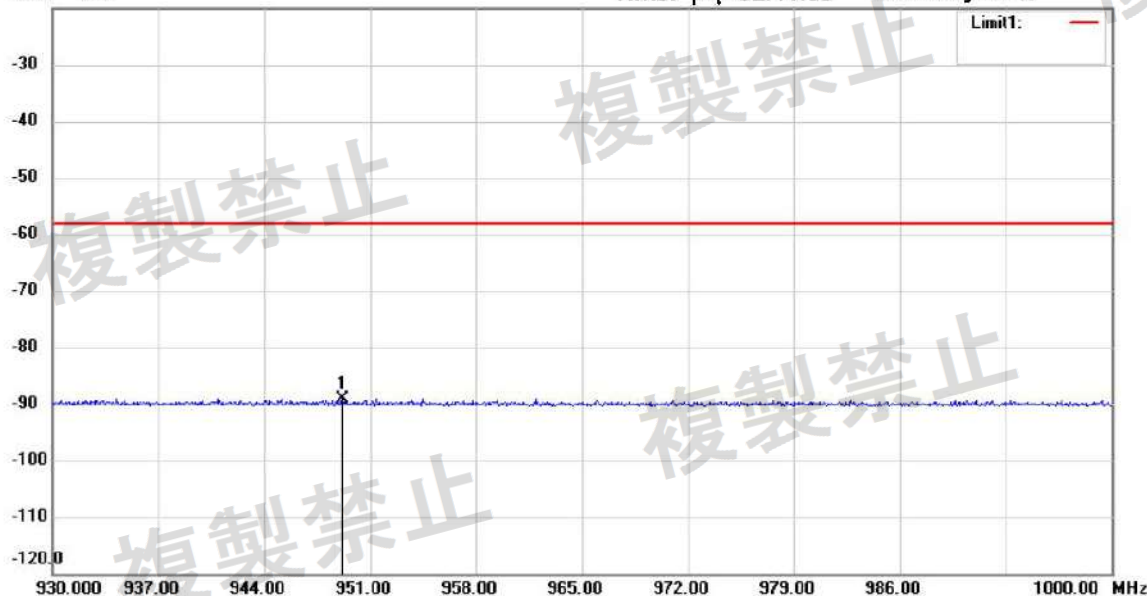
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:11:39

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	949.1801	-99.22		10.15	-89.07	-58.00			-31.07	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#6

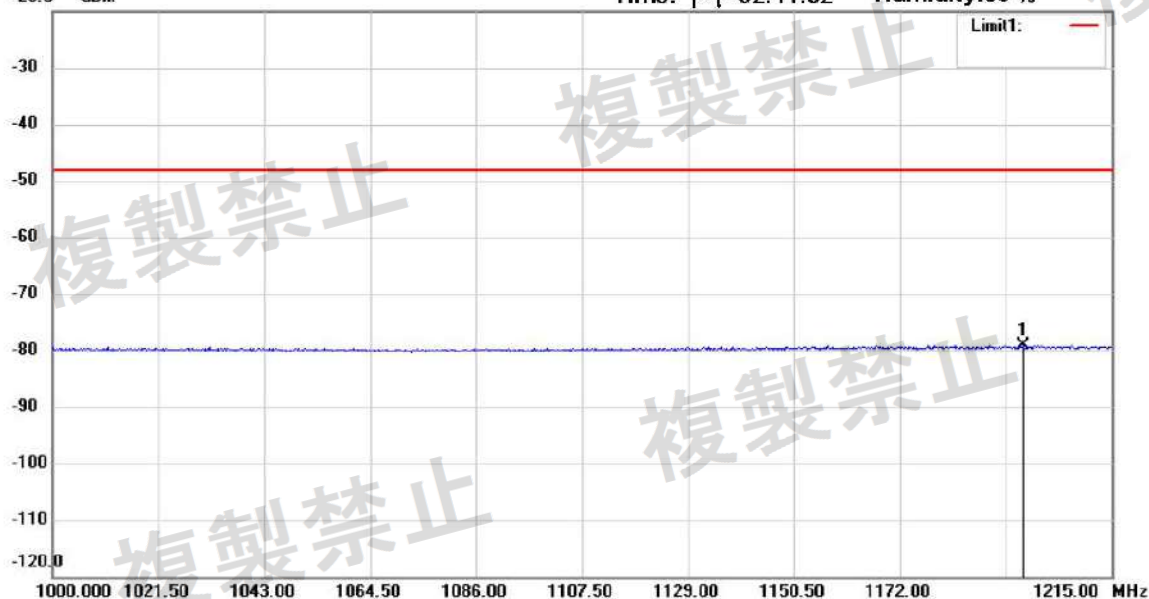
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:11:52

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1197.155	-89.30		10.20	-79.10	-48.00			-31.10	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#7

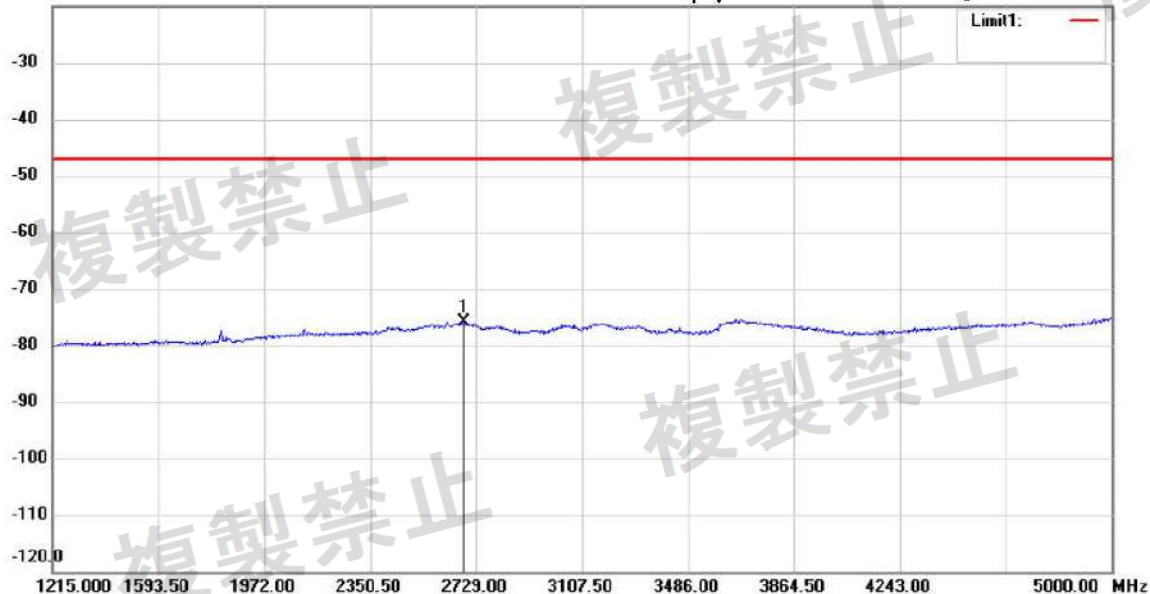
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:12:05

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	2683.580	-86.36		10.42	-75.94	-47.00			-28.94	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#1

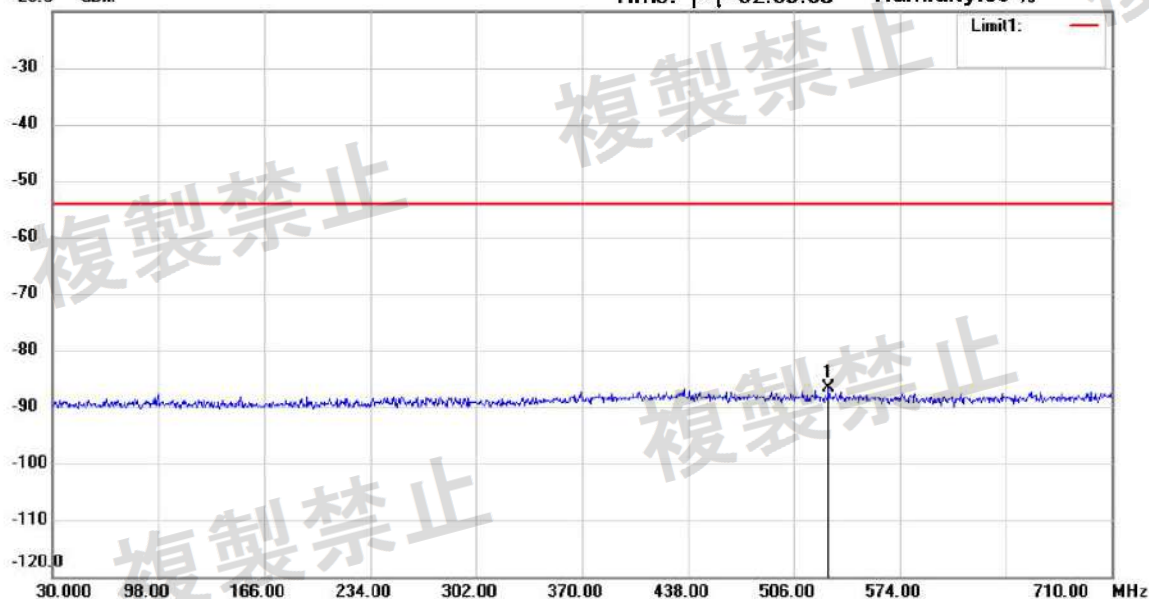
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:09:08

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	528.4400	-96.74		10.04	-86.70	-54.00			-32.70	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#2

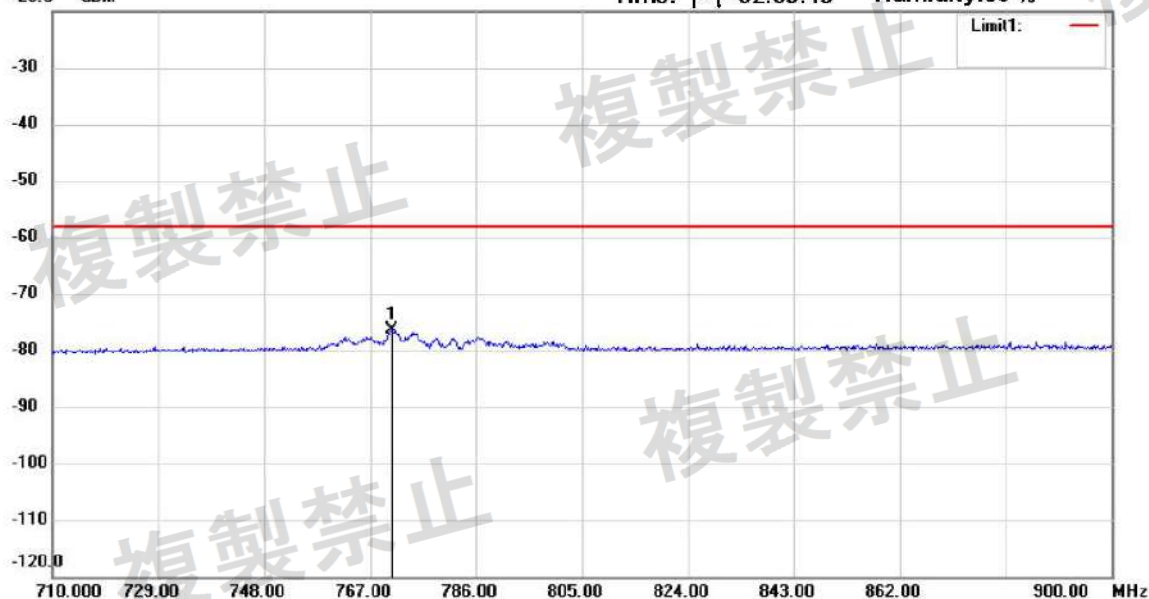
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:09:19

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	770.9901	-86.41		10.12	-76.29	-58.00			-18.29	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#3

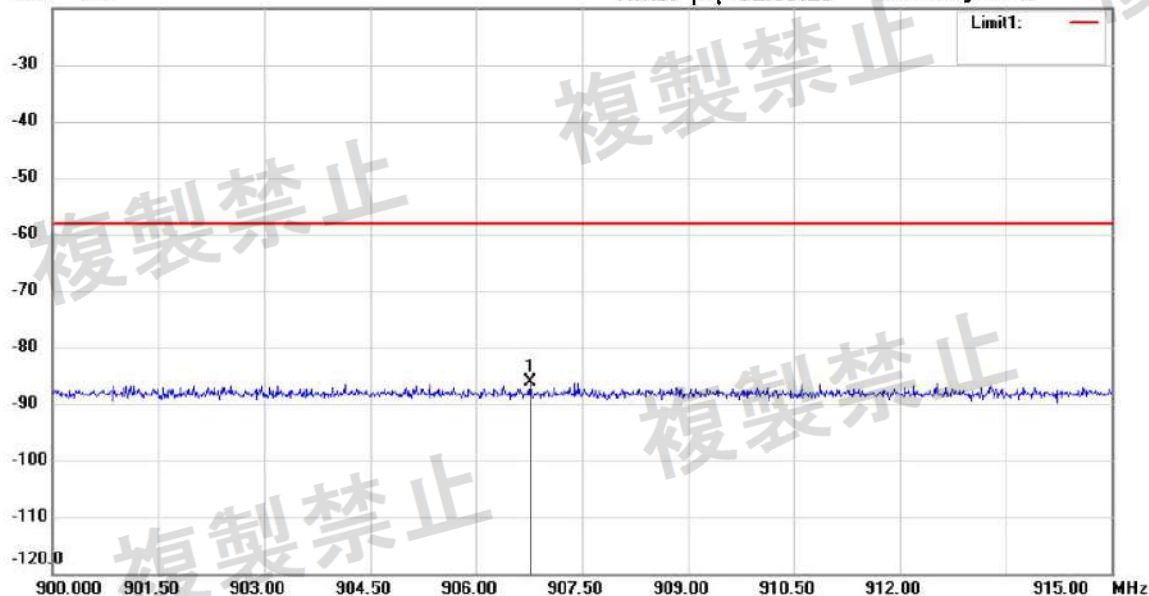
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:09:29

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	906.7651	-96.31		10.13	-86.18	-58.00			-28.18	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#4

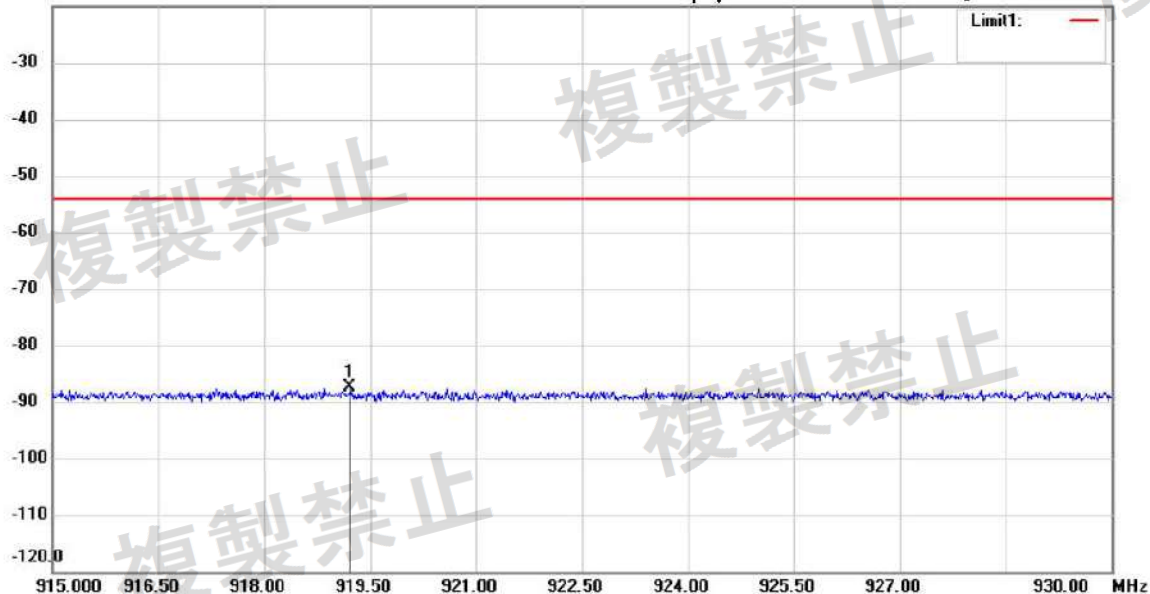
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:09:40

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	919.2151	-97.58		10.13	-87.45	-54.00			-33.45	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#5

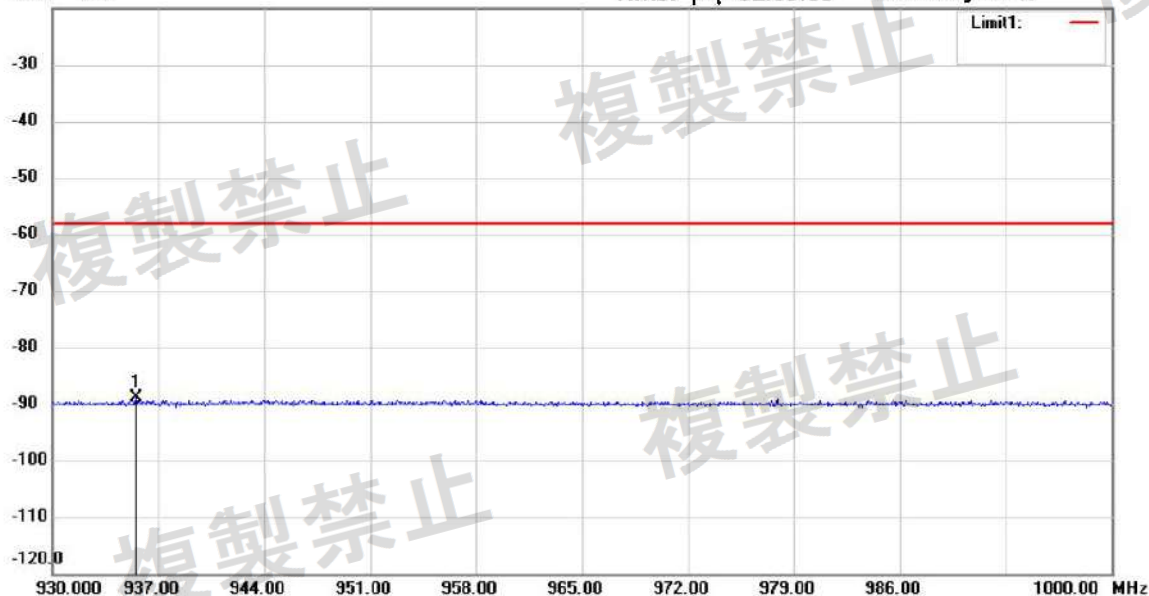
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:09:53

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	935.5301	-99.13		10.15	-88.98	-58.00			-30.98	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#6

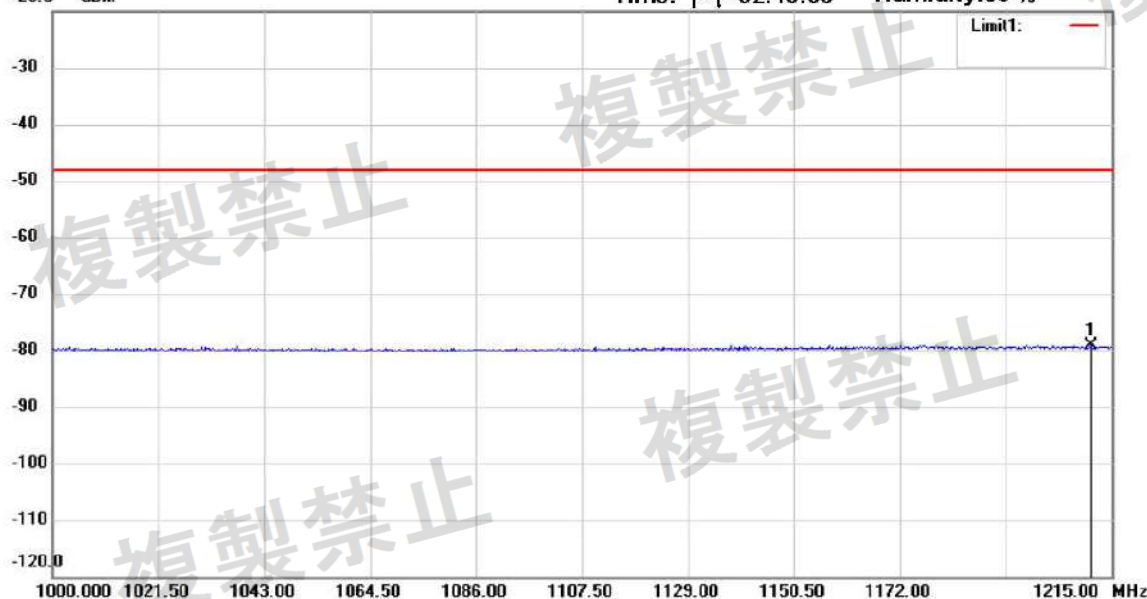
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:10:06

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1210.700	-89.21		10.20	-79.01	-48.00			-31.01	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#7

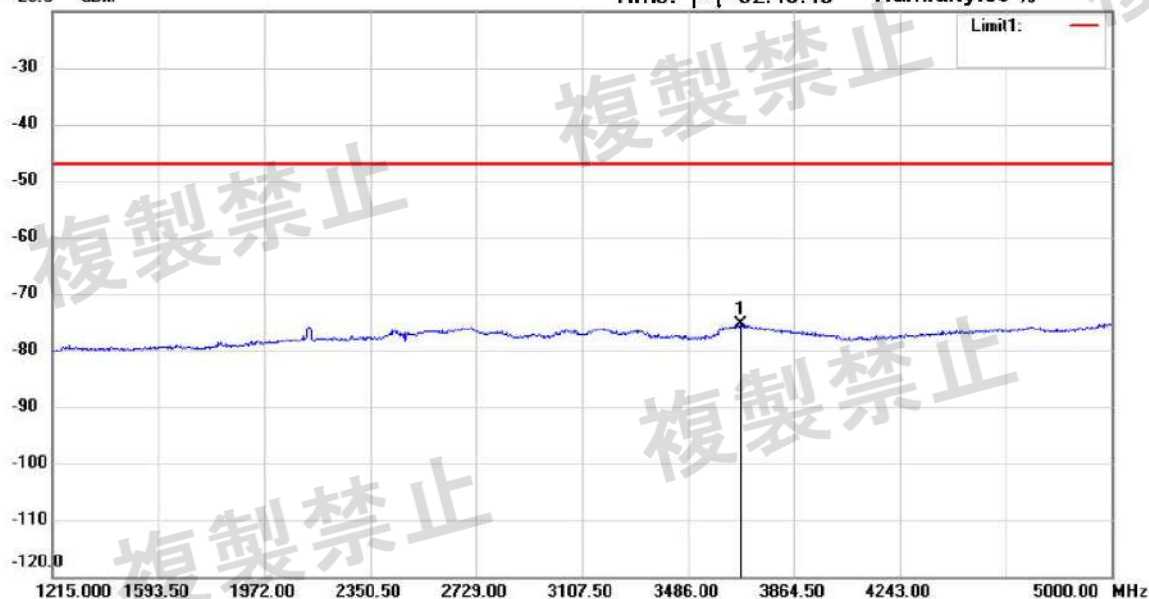
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:10:19

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	3675.250	-86.06		10.60	-75.46	-47.00			-28.46	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#1

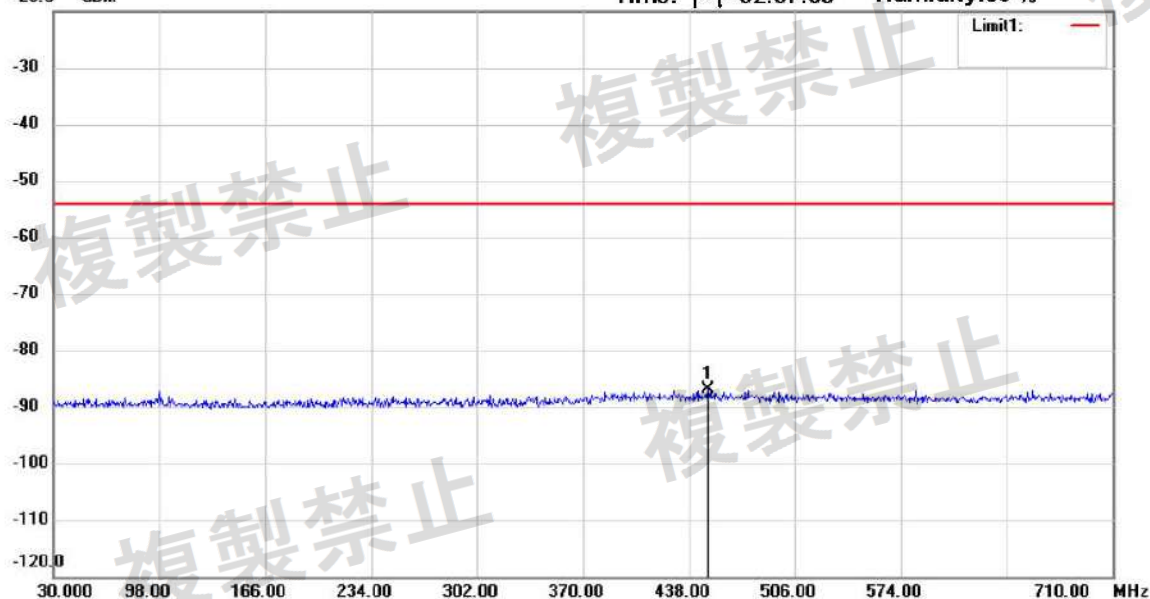
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:07:03

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	450.2400	-96.99		10.02	-86.97	-54.00			-32.97	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#2

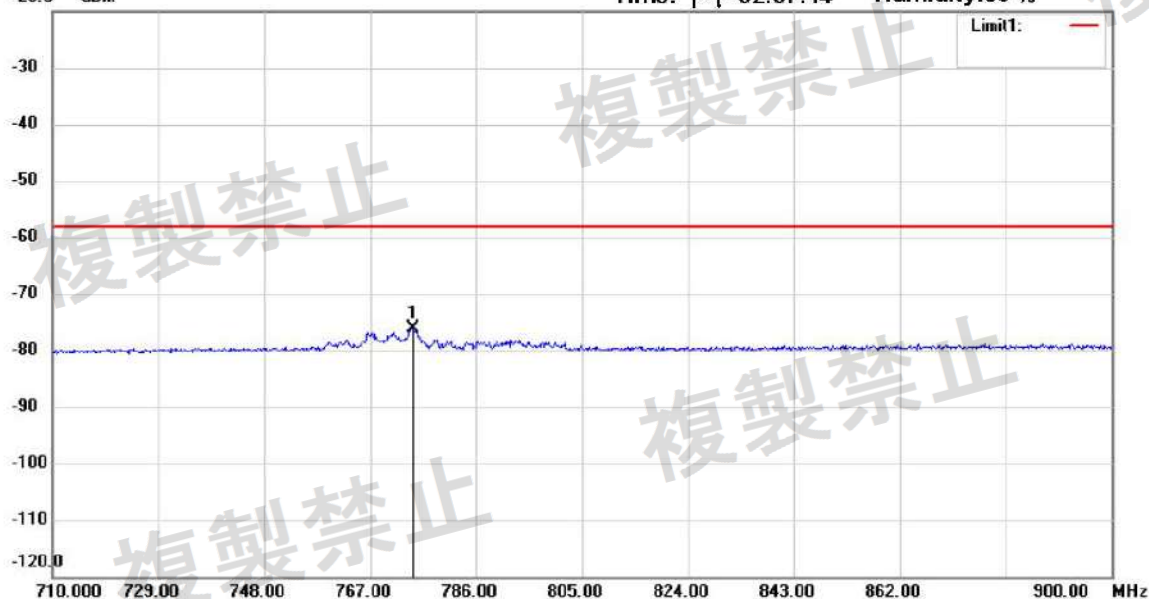
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:07:14

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	774.7901	-86.21		10.12	-76.09	-58.00			-18.09	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#3

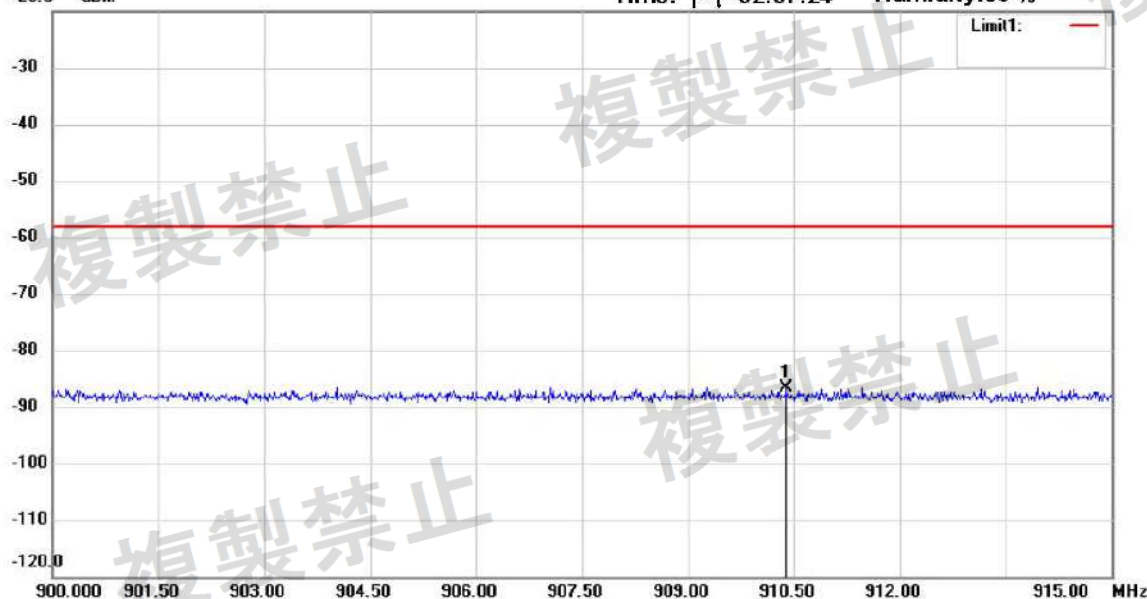
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:07:24

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	910.3950	-96.71		10.13	-86.58	-58.00			-28.58	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#4

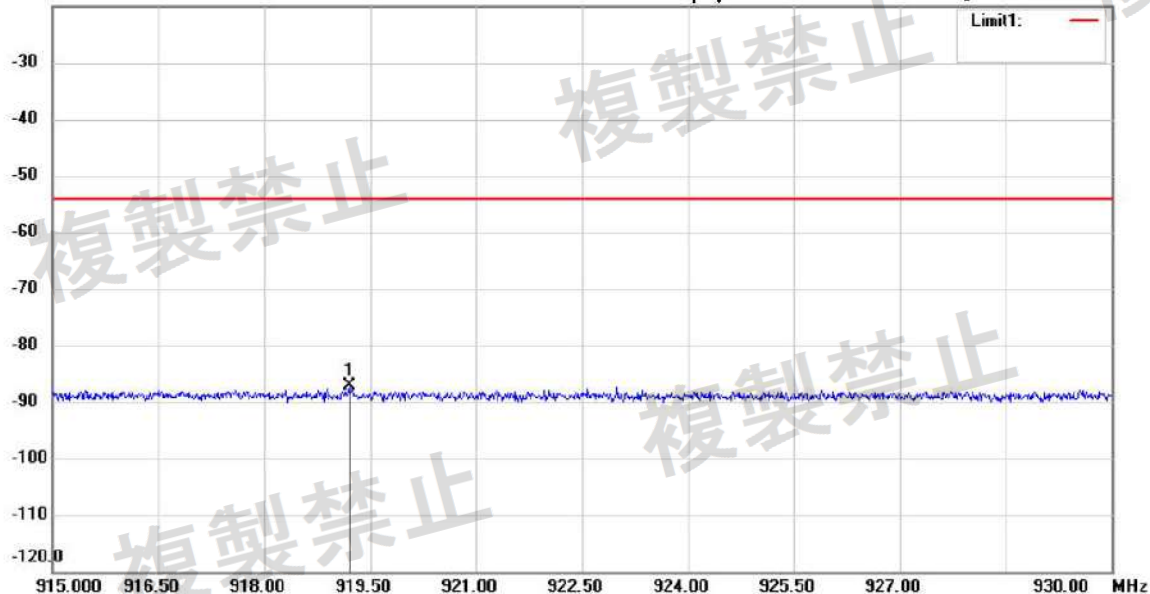
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:07:35

Humidity:56 %



Site : Chamber 04

Condition : TELECOM T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	919.2001	-97.36		10.13	-87.23	-54.00			-33.23	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#5

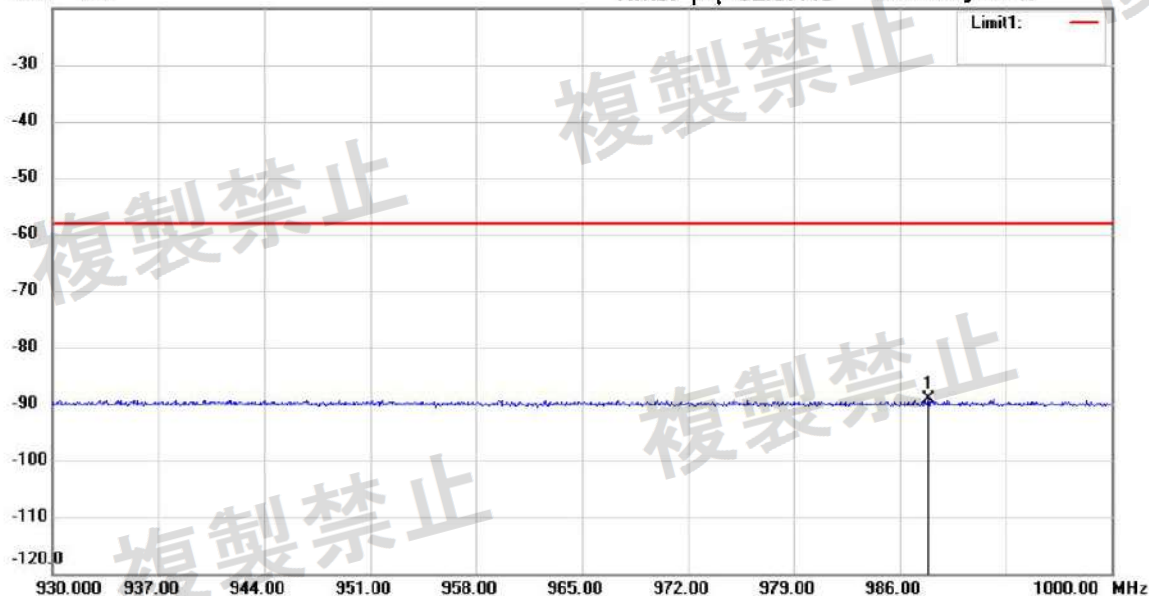
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:07:48

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	987.8900	-99.36		10.14	-89.22	-58.00			-31.22	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#6

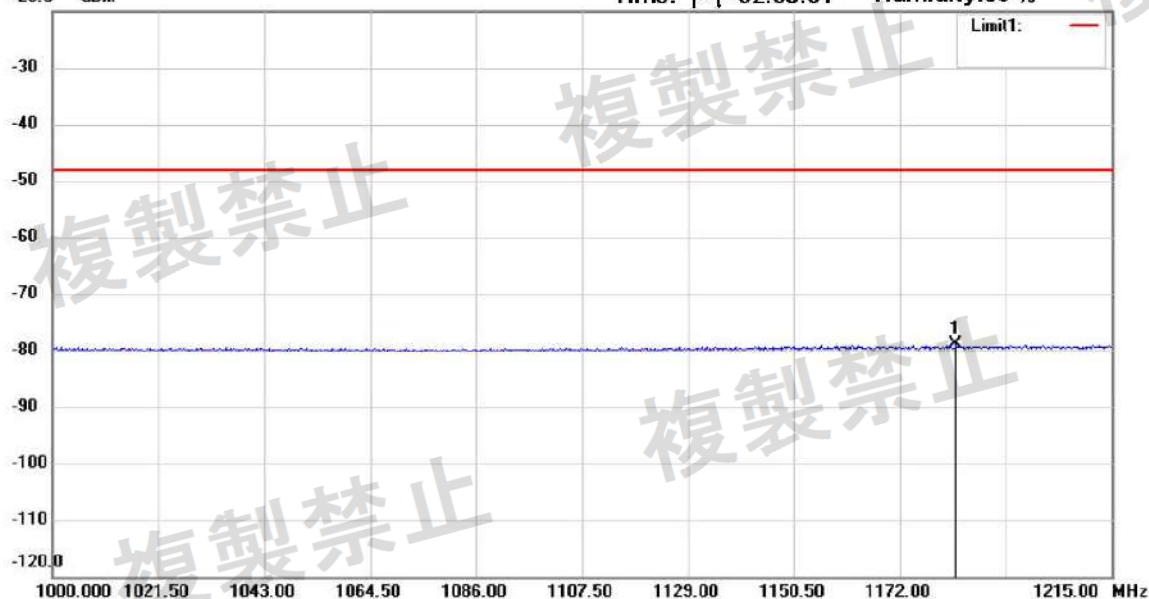
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:08:01

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	1183.395	-89.10		10.20	-78.90	-48.00			-30.90	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#7

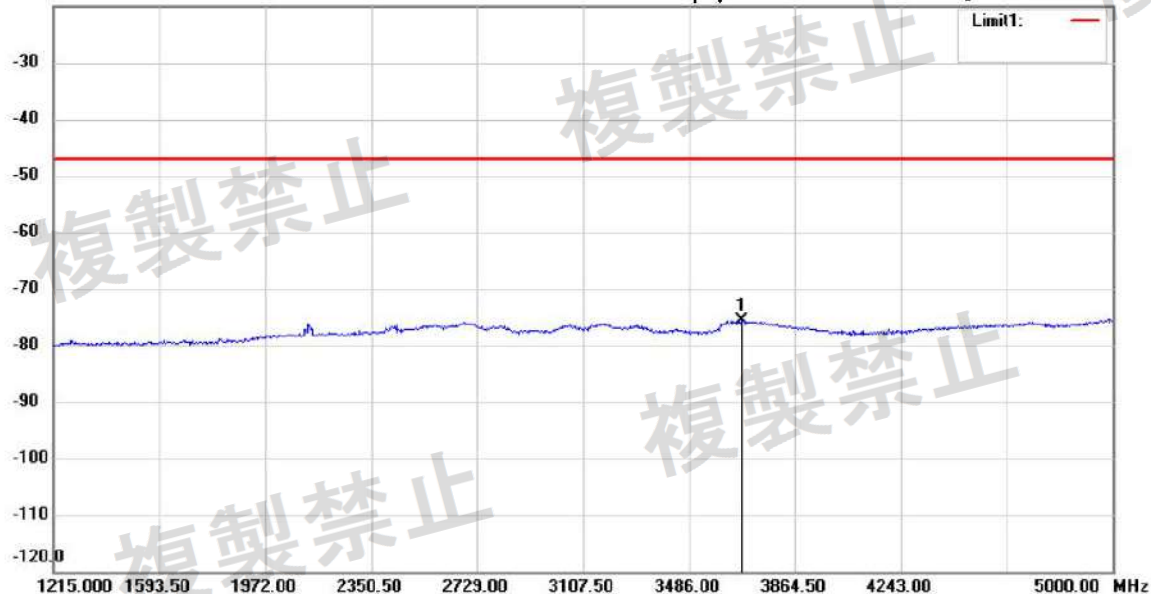
Date: 2026/6/2

Temperature:23.8 °C

-20.0 dBm

Time: 下午 02:08:14

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-RX

EUT : W6M22605-25131

M/N:

Test Mode : RX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	3675.250	-86.12		10.60	-75.52	-47.00			-28.52	

Limit

~ ($\leq$) 710MHz : -54dBm/100kHz
710 (<) ~ ($\leq$) 900MHz : -58dBm/1MHz
900 (<) ~ ($\leq$) 915MHz : -58dBm/100kHz
915 (<) ~ ($\leq$) 930MHz : -54dBm/100kHz
930 (<) ~ ($\leq$) 1000MHz : -58dBm/100kHz
1000 (<) ~ ($\leq$) 1215MHz : -48dBm/1MHz
1215MHz (<) ~ : -47dBm/1MHz



30-710MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

710-900MHz

1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

900-915MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

915-930MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

930-1000MHz

1. The measurement use RBW = 100 kHz, VBW = 100 kHz
2. The unit is dBm/100kHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

1000-1215MHz

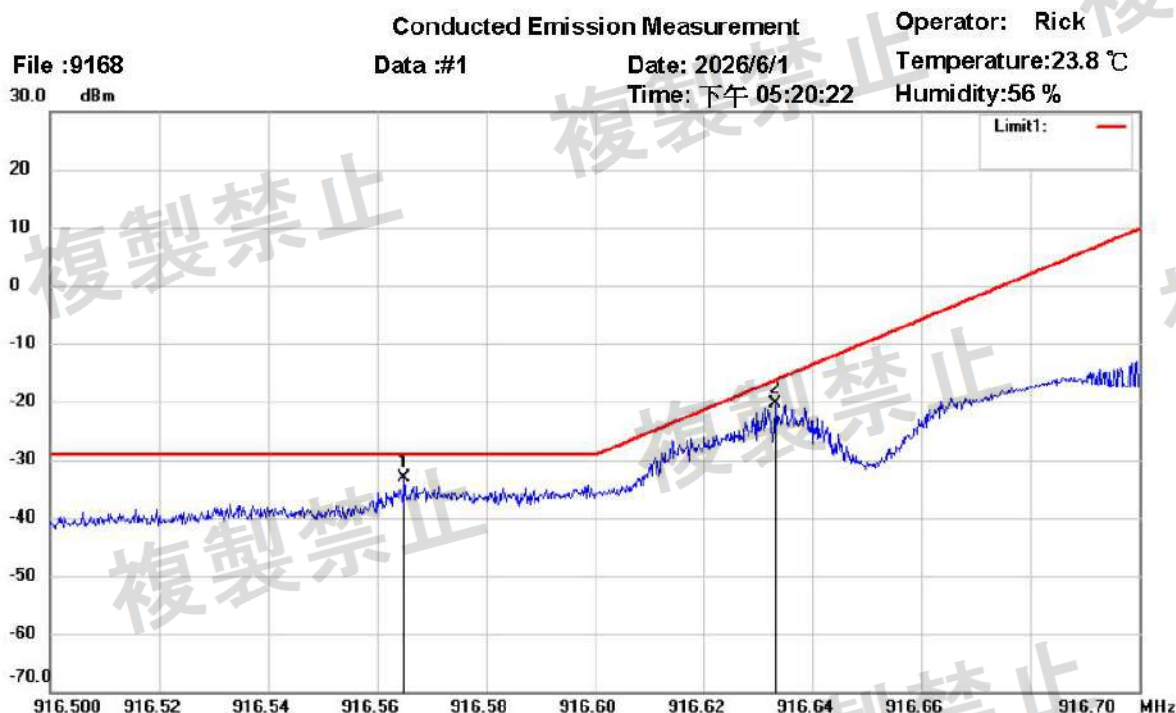
1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line

1215-5000MHz

1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line



3.7 Channel mask



Site : Chamber 04

Condition : TELEC T106-C5 MASK

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	916.5650	-73.33	peak	40.30	-33.03	-29.00			-4.03	
	916.6332	-60.78	peak	40.30	-20.48	-16.05			-4.43	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9168

Data :#2

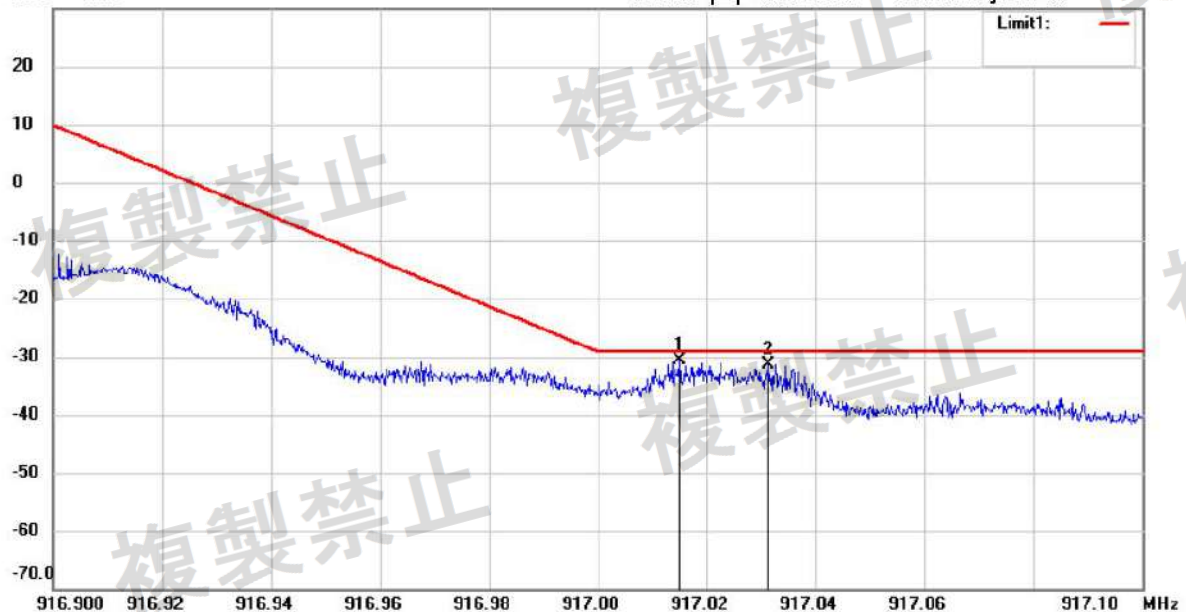
Date: 2026/6/1

Temperature:23.8 °C

30.0 dBm

Time: 下午 05:21:16

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-C5 MASK

EUT : W6M22605-25131

M/N:

Test Mode : TX 916.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	917.0150	-70.92	peak	40.30	-30.62	-29.00			-1.62	
	917.0314	-71.55	peak	40.30	-31.25	-29.00			-2.25	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#1

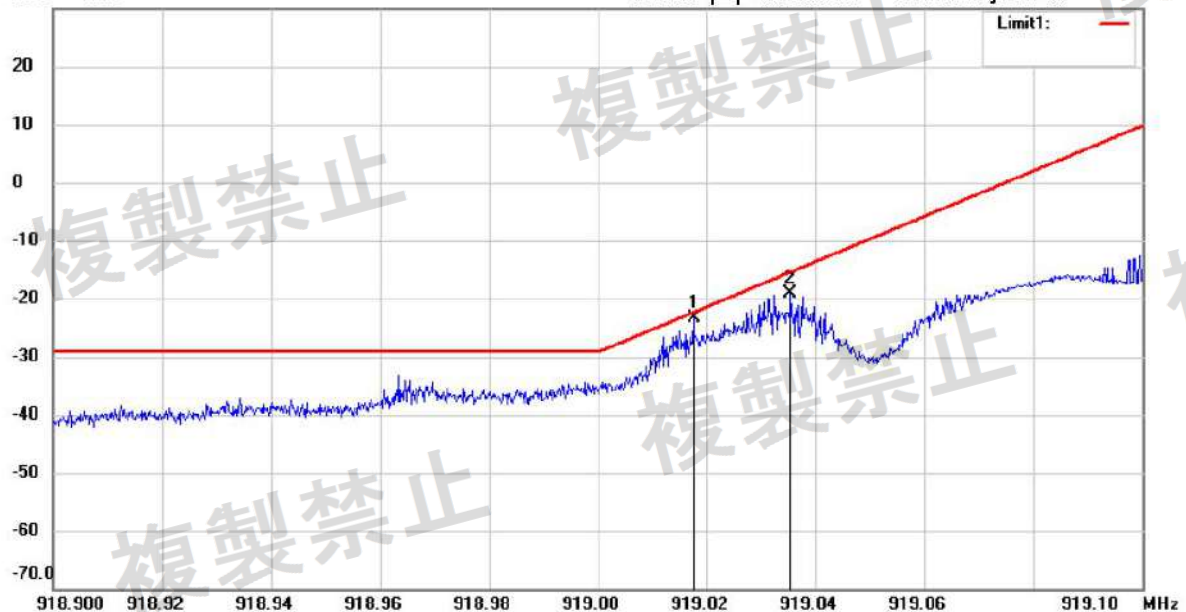
Date: 2026/6/1

Temperature:23.8 °C

30.0 dBm

Time: 下午 05:39:55

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-C17 MASK

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	919.0176	-63.76	peak	40.30	-23.46	-22.14			-1.32	
	919.0354	-59.44	peak	40.30	-19.14	-15.19			-3.95	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9192

Data :#2

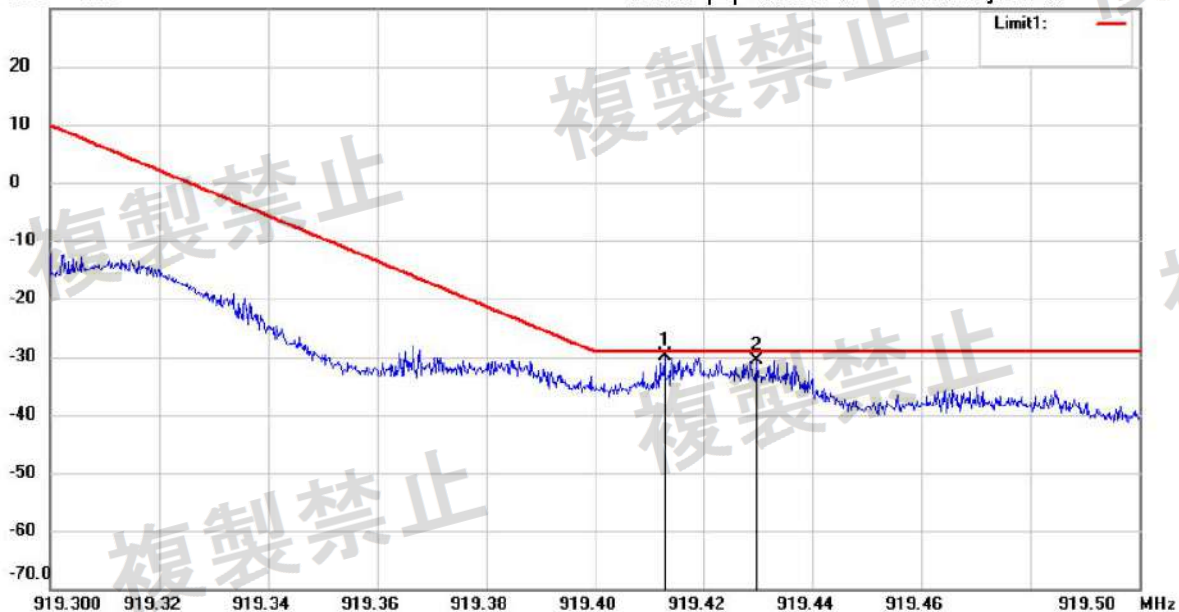
Date: 2026/6/1

Temperature:23.8 °C

30.0 dBm

Time: 下午 05:41:25

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-C17 MASK

EUT : W6M22605-25131

M/N:

Test Mode : TX 919.2MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	919.4128	-70.29	peak	40.30	-29.99	-29.00			-0.99	
	919.4298	-70.80	peak	40.30	-30.50	-29.00			-1.50	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#1

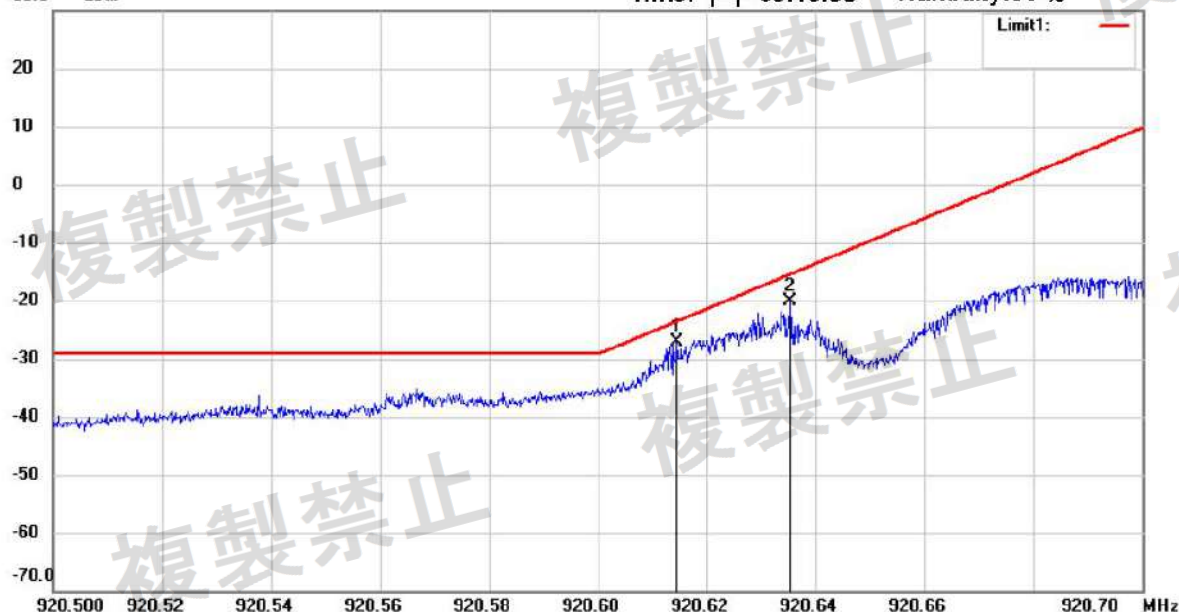
Date: 2026/6/1

Temperature:23.8 °C

30.0 dBm

Time: 下午 05:43:38

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-C25 MASK

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	920.6146	-67.46	peak	40.30	-27.16	-23.31			-3.85	
	920.6354	-60.48	peak	40.30	-20.18	-15.19			-4.99	



Worldwide Testing Services(Taiwan) Co., Ltd.

Conducted Emission Measurement

Operator: Rick

File :9208

Data :#2

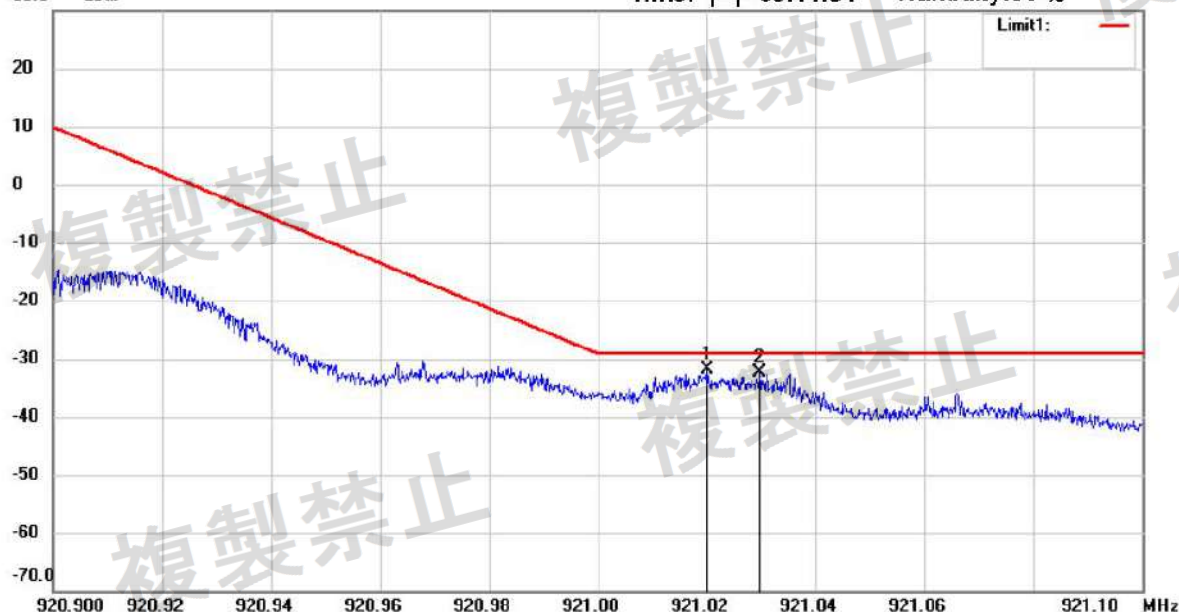
Date: 2026/6/1

Temperature:23.8 °C

30.0 dBm

Time: 下午 05:44:34

Humidity:56 %



Site : Chamber 04

Condition : TELEC T106-C25 MASK

EUT : W6M22605-25131

M/N:

Test Mode : TX 920.8MHz

Note :

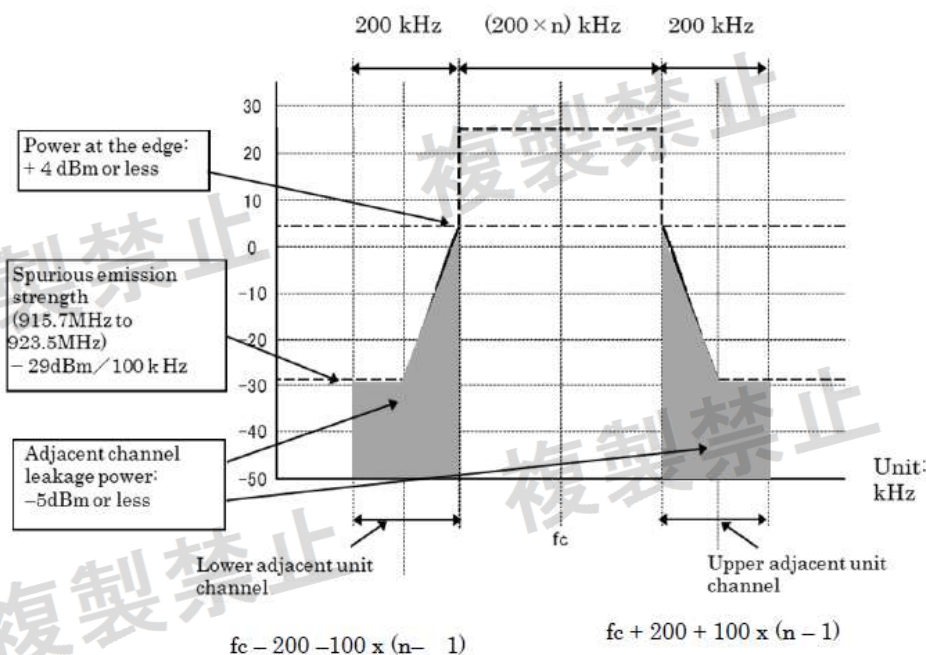
Polarization:

Power : 5Vd.c.

Distance:

Mk.	Frequency (MHz)	Reading (dBm)	Detector	Corr. factor (dB)	Result (dBm)	Limit (dBm)	Ant.Pos (cm)	Tab.Pos (deg.)	Margin (dB)	Comment
*	921.0202	-72.25	peak	40.30	-31.95	-29.00			-2.95	
	921.0298	-72.68	peak	40.30	-32.38	-29.00			-3.38	

Limit



1. The measurement use RBW = 10 kHz, VBW = 10 kHz
2. The formula of 10 kHz convert to 100 kHz value as: $10 \times \log(100/10) = 10\text{dB}$
3. The unit is dBm/10kHz for the Reading.
4. The unit is dBm/100kHz for the Result, and the Limit.
5. Correction Factor = Attenuator + Cable loss + 10dB
6. The formula of measured value as: Test Result = Reading + Correction Factor
7. Line: PK Limit Line



3.9 Transmission time control equipment

Test date: June 01, 2026

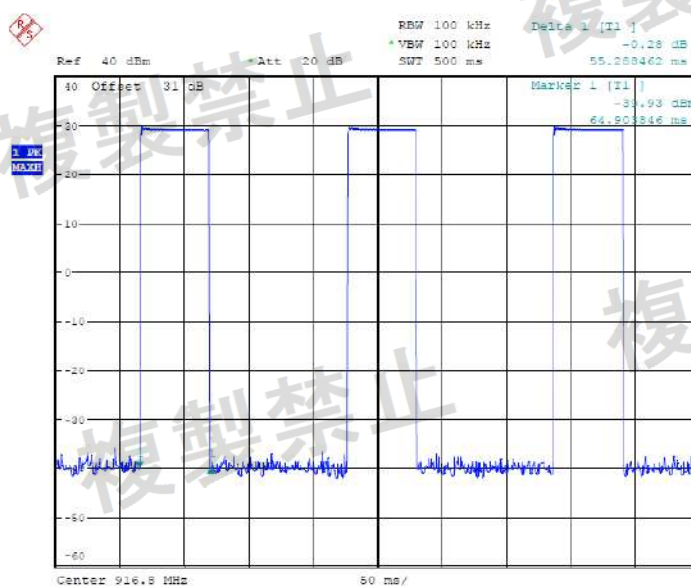
Temperature: 26.0°C

Humidity: 54.1%

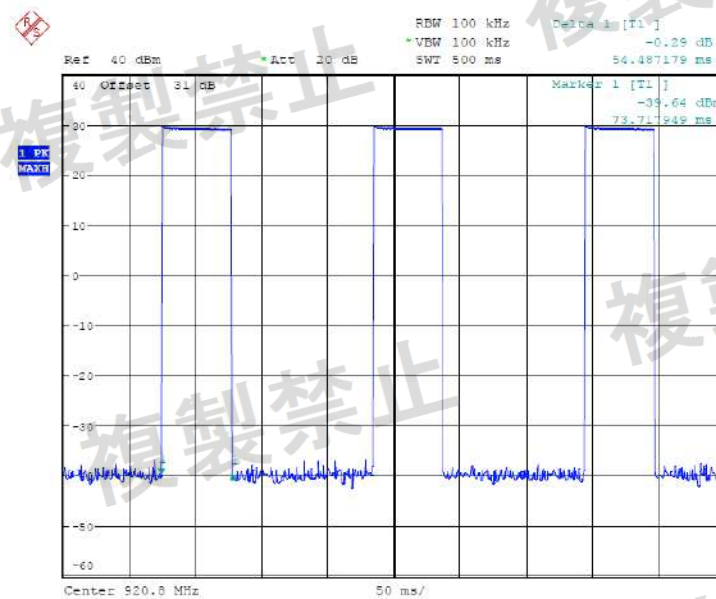
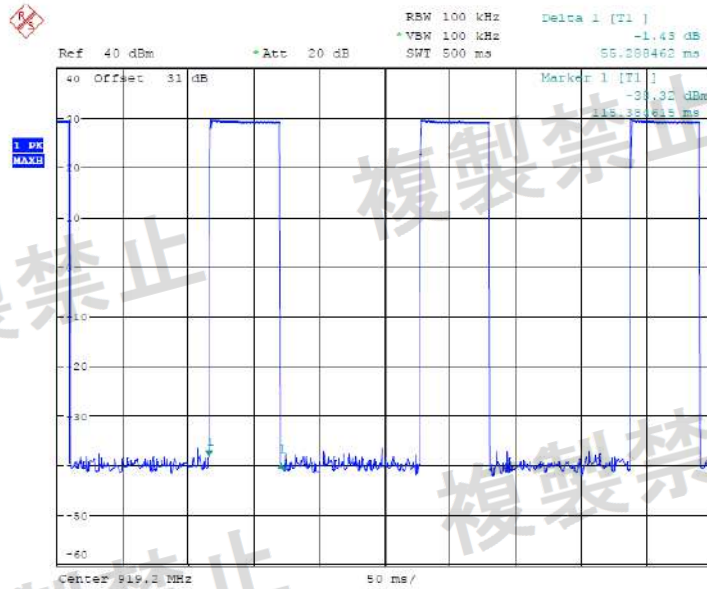
Tester: Rick

UHF Transmission ON		
Test Frequency	Test Volt	measure value(ms)
916.8MHz	5Vd.c.	55.288462
919.2MHz		55.288462
920.8MHz		54.487179

UHF Transmission OFF		
Test Frequency	Test Volt	measure value(ms)
916.8	5Vd.c.	105.769231
919.2MHz		105.769231
920.8MHz		105.769231

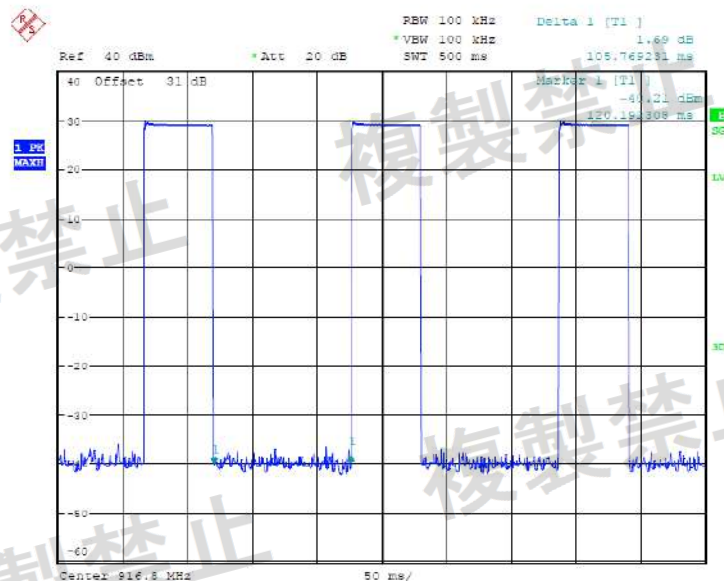


TRANSMISSION TIME 916.8MHz 5V
Date: 1.JUN.2026 15:48:01

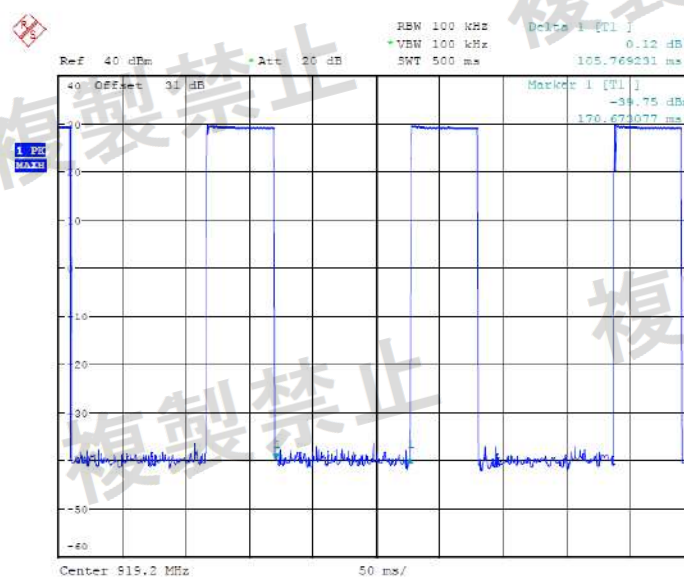




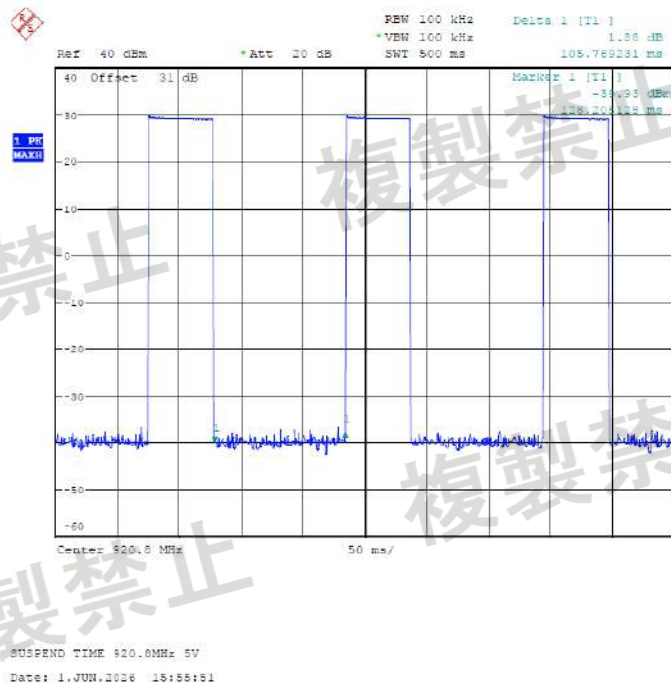
Suspend Time



SUSPEND TIME 916.8MHz 5V
Date: 1.JUN.2026 15:49:18



SUSPEND TIME 919.2MHz 5V
Date: 1.JUN.2026 16:50:24



Limit

Antenna power	Carrier sense time	Sending duration	Pause duration	The sum of emission time per arbitrary 1 hour
250mW or less	5ms or more	4s or less	50ms or more	None

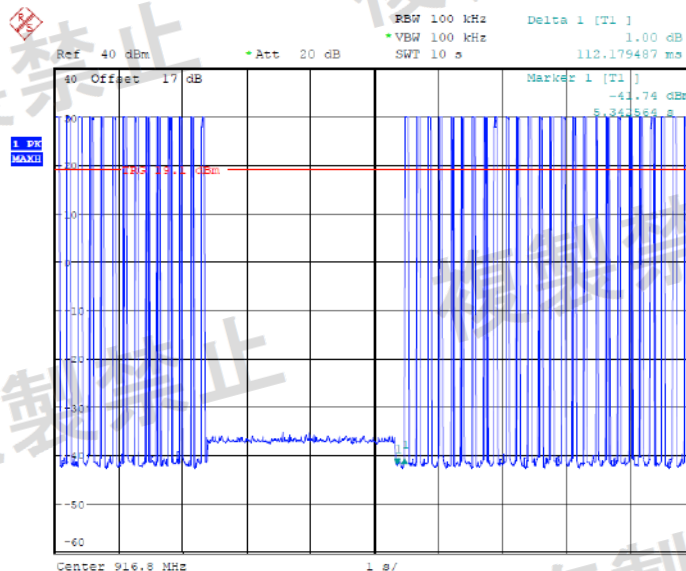
3.10 Carrier sense

Test date: June 02, 2026

Temperature: 27.5°C

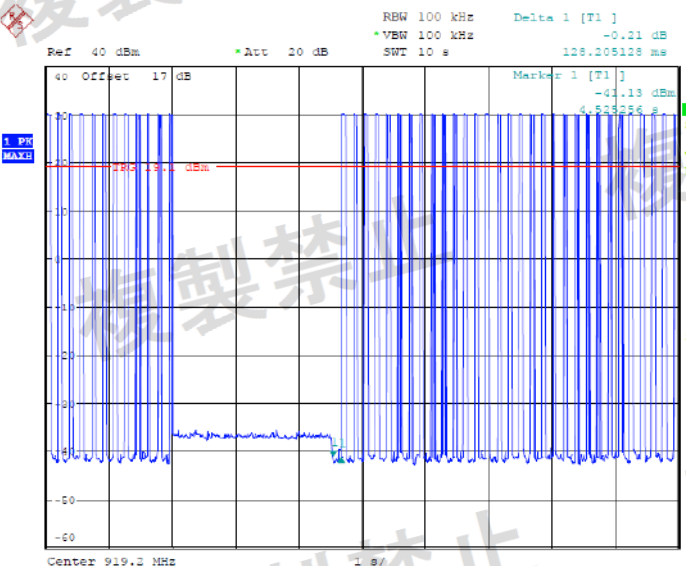
Humidity: 58.4%

Tester: Rick



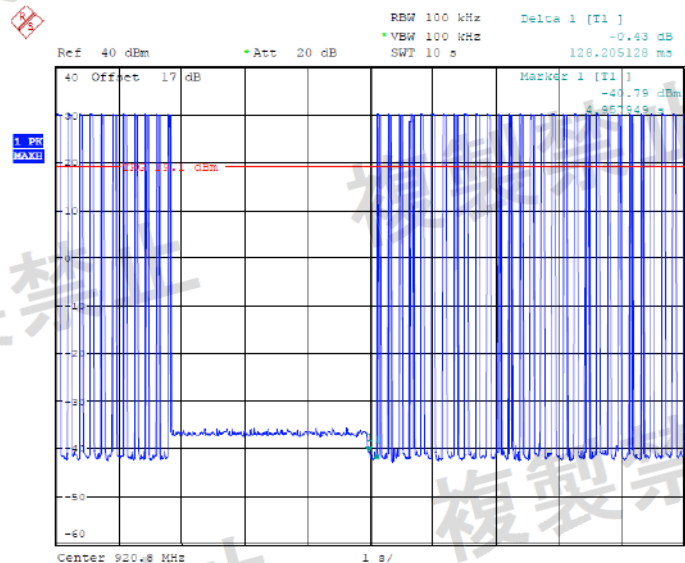
CARRIER SENSE 916.8MHz 5V

Date: 2.JUN.2026 15:59:42



CARRIER SENSE 919.2MHz 5V

Date: 2.JUN.2026 15:59:53



CARRIER SENSE 920.8MHz 5V
 Date: 2.JUN.2026 15:56:14

Limit

Antenna power	Carrier sense time	Sending duration	Pause duration	The sum of emission time per arbitrary 1 hour
250mW or less	5ms or more	4s or less	50ms or more	None