

**Radio equipment according to Certification
Ordinance Article 2 Paragraph 1 of Item 19
According to MIC Notice No. 88 Appendix 43
for
Open Comfort Earphone
Model No.: LnS OC Pulse**

of

Applicant: Fortune Grand Technology Inc.
Address: No.350, Shanying Rd., Guishan Dist.,
Taoyuan City 33341, Taiwan

Tested and Prepared

By

Worldwide Testing Services (Taiwan) Co., Ltd.

Report No.: W6M22601-24924-J-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com



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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:

March 02, 2026

Sky Liu

Sky

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

March 02, 2026

Kevin Wang

Kevin Wang

Date

WTS

Name

Signature



Worldwide Testing Services(Taiwan) Co., Ltd.

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

1.3 Details of applicant

Name	: Fortune Grand Technology Inc.
Street	: No.350, Shanying Rd., Guishan Dist.,
Town	: Taoyuan City 33341,
Country	: Taiwan

1.4 Application details

Date of receipt of test item	: January 23, 2026
Date of test	: from January 26, 2026 to February 13, 2026

1.5 Equipment information

Description of test item	: Open Comfort Earphone
Type identification	: LnS OC Pulse
Multi-listing model no.	: /.
Brand name	: LIFE N SOUL
Modulation technology	: FHSS



Worldwide Testing Services(Taiwan) Co., Ltd.

Modulation type : GFSK、 $\pi/4$ DQPSK、8DPSK
Frequency range : 2.4000 GHz - 2.4835 GHz
Tested frequencies : 2.402 – 2.480 GHz
Frequency of the used channel : Frequency (ch 00) : 2.402 GHz
Frequency (ch 39) : 2.441 GHz
Frequency (ch 78) : 2.480 GHz
Type of antenna : Chip Antenna
Antenna gain : 2.78 dBi
Rated output power : 3mW/MHz
Sample no. : #02

Manufacturer: (if different from applicant)

Name : Rising Innovation Technology (Shenzhen) Co., LTD
Street : 301, Building B, Xinghaiyang Factory, No. 112, Xinghua Road
North, Xingwei Community, Fuyong Street,
Town : Baoan District, Shenzhen Guangdong
Country : China.

1.6 Assembly

The housing is adhesive-sealed around the edges; any attempt to open it will cause physical destruction of the enclosure.

1.7 Test method

According to MIC Notice No. 88 Appendix 43.



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 : 5 ° C - 35 ° C
Relative humidity content : 45% - 85%
Air pressure : 990 - 1300 hPa
Details of power supply : Earphone-
I/P: 5Vd.c., 60mA
Battery 3.85Vd.c. ,75mAh, 0.289Wh

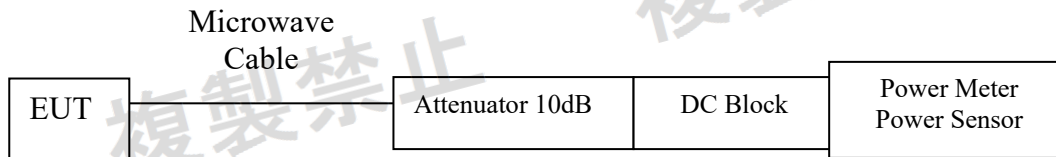
Charging case-
I/P: 5Vd.c., 400mA ; O/P: 5Vd.c., 120mA
Battery: 3.7Vd.c., 500mAh 1.85Wh

Other parameter : ./.
Extreme conditions parameters : Vnom: 3.85 V
Vmin: 3.465 V
Vmax: 4.235 V

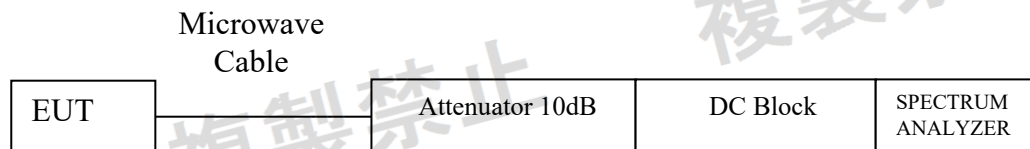


2.3 Test setup

Antenna power and Dwell time



Frequency tolerance, Occupied bandwidth, Spreading bandwidth and Spurious emission



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

Frequency Tolerance & OCCUPIED BANDWIDTH & SPREADING BANDWIDTH & EIRP POWER

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	2025/3/5	2026/3/4	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

BURST POWER & DUTY CYCLE

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 099	DC Block	50DB-007-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 073	Power Meter	N1911A	MY45100769	Agilent	2025/2/25	2026/2/24	ITRI	C
ETSTW-RE 074	Power Sensor	N1921A	MY45241198	Agilent	2025/2/25	2026/2/24	ITRI	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 050	Attenuator 10dB	50HF-010-1	None	JFW	2026/2/13	2027/2/12	WTS	C
ETSTW-RE 133	EXA Signal Analyzer	N9010A	MY53470566	Agilent	2025/5/8	2026/5/7	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

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)

☒ 1st test

☐ test after modification

☐ production test

Test case	Subclause	Required	Status
<i>General provisions</i>			
Frequency tolerance	5	☒	C
Occupied bandwidth	6	☒	C
Spurious emissions	7	☒	C
<i>Transmitting equipment</i>			
Antenna power	14	☒	C
SAR	14.2	☐	NA
Frequency stabilization	15	☒	C
<i>Transmitter antenna</i>			
Type, configuration, etc. of transmitting antenna	20	☒	C
Directional pattern of transmitting antenna	22	☒	C
<i>Receiving equipment</i>			
Spurious emission of receiver	24	☒	C
Refer to all articles for transmitter antenna	26	☒	C
<i>Operating frequency 2402-2480MHz</i>			
High Frequency/modulation section cannot be opened easily	49.20(1); a	☒	C
Spread spectrum method	49.20(1); d	☒	C
Antenna power	49.20(1); e	☒	C
Absolute gain of transmitting antenna	49.20(1); f(1)	☒	C
Half power beam angle	49.20(1); f(2)	☒	C
Number of carriers within 1 MHz bandwidth in OFDM	49.20(1); g	☐	NA
Dwell time (FH employed)	49.20(1); j	☒	C
Carrier sense (Only Air craft equipment unless FHSS)	./.	☐	NA
Interference Prevention Function	9-4. 8	☒	C
Note 1: C = Conform NC = Not Conform NT = Not Tested NA = Not Applicable			



3.1 Antenna specifications



Antenna Type: Chip Antenna

Antenna gain: 2.78 dBi



Antenna Type: Chip Antenna

Antenna gain: 2.78 dBi



3.2 Frequency Tolerance

Test date: February 09, 2026

Temperature: 19.6°C

Humidity: 59.5%

Tester: Sky

Tolerance from nominal frequency:

Left

Mode	Channel	Frequency Tolerance (kHz)			MAX Frequency Tolerance (ppm)	Limit (ppm)
		Vmin	Vnor	Vmax		
BT	Ch 00 : 2402 MHz	-2.404	-1.282	-2.083	1.0	50
	Ch 39 : 2441 MHz	-1.603	-1.923	-2.564	1.1	
	Ch 78 : 2480 MHz	-1.763	-2.083	-2.404	1.0	

Right

Mode	Channel	Frequency Tolerance (kHz)			MAX Frequency Tolerance (ppm)	Limit (ppm)
		Vmin	Vnor	Vmax		
BT	Ch 00 : 2402 MHz	0	0.16	-0.481	0.2	50
	Ch 39 : 2441 MHz	0	-0.321	-0.481	0.2	
	Ch 78 : 2480 MHz	-0.16	-0.321	-0.481	0.2	

Limits:

Under all test conditions	< 50 ppm
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3.3 Occupied Bandwidth (99% channel power bandwidth)

Test date: February 09, 2026

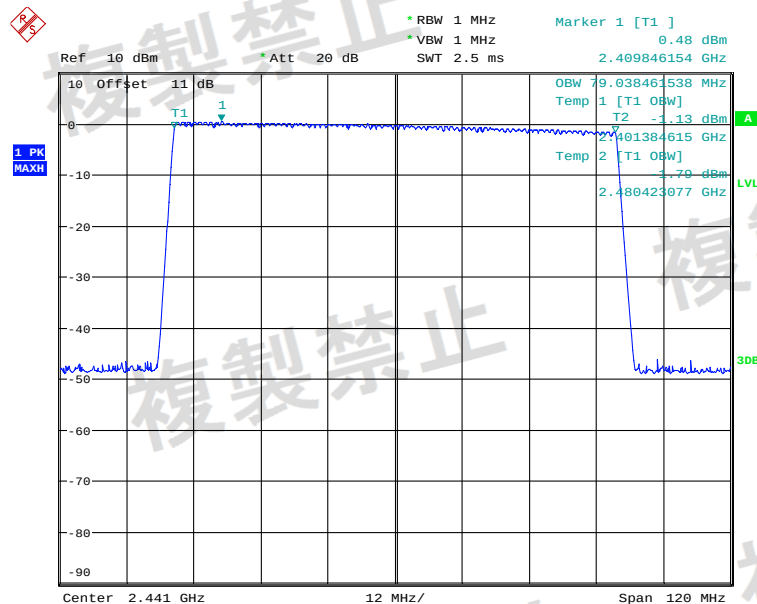
Temperature: 19.6°C

Humidity: 59.5%

Tester: Sky

Left

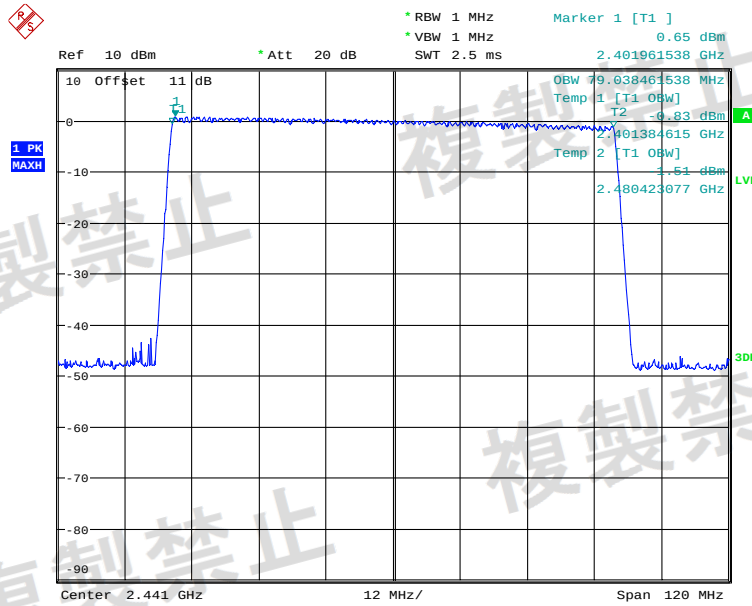
Occupied Bandwidth			
Test Freq	Test Mode	Test Volt	measure value(MHz)
FHSS	NORMAL	3.85Vd.c.	79.03846154
FHSS	EDR 2M	3.85Vd.c.	79.03846154
FHSS	EDR 3M	3.85Vd.c.	79.03846154
FHSS	NORMAL	3.465Vd.c.	79.03846154
FHSS	EDR 2M	3.465Vd.c.	79.03846154
FHSS	EDR 3M	3.465Vd.c.	79.03846154
FHSS	NORMAL	4.235Vd.c.	79.03846154
FHSS	EDR 2M	4.235Vd.c.	79.03846154
FHSS	EDR 3M	4.235Vd.c.	79.03846154



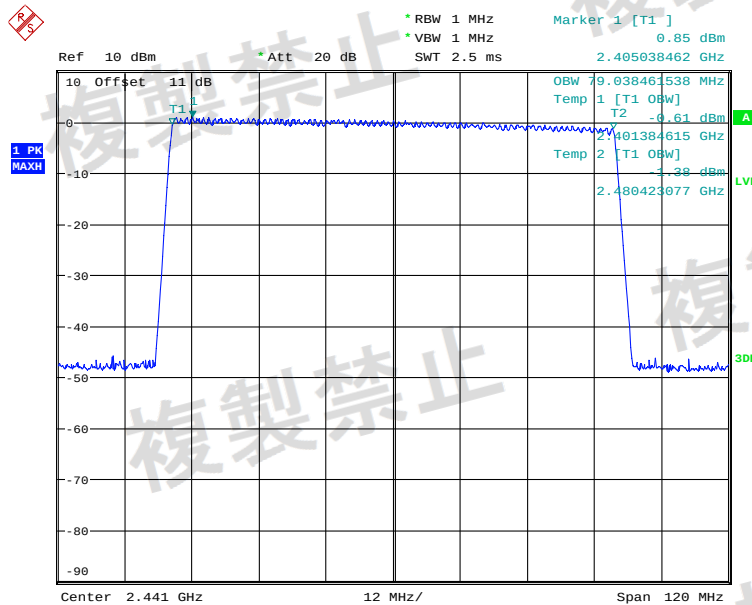
OCCUPIED BANDWIDTH NORMAL MODE 3.85V
Date: 9.FEB.2026 19:44:48



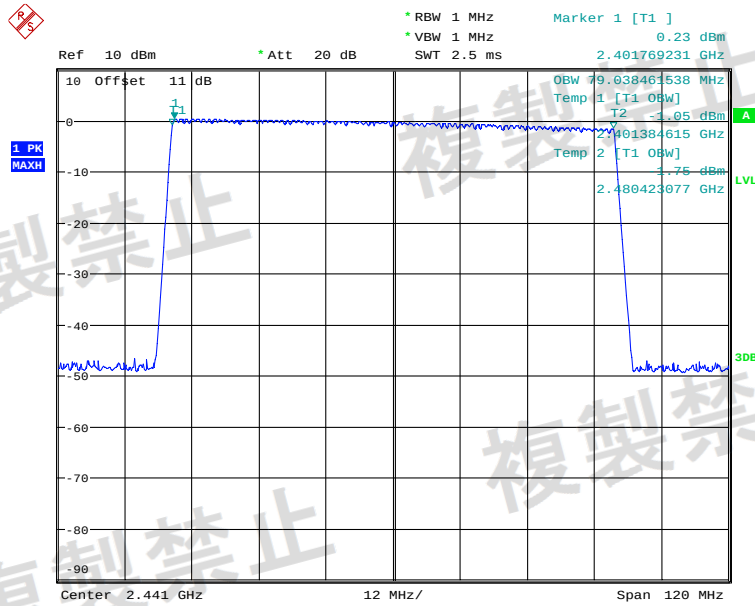
Worldwide Testing Services(Taiwan) Co., Ltd.



OCCUPIED BANDWIDTH EDR MODE 2M 3.85V
Date: 9.FEB.2026 19:43:01

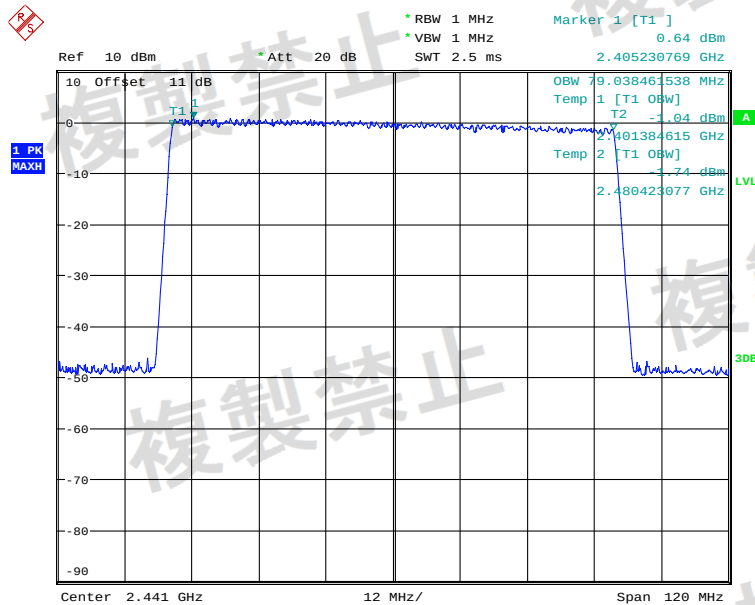


OCCUPIED BANDWIDTH EDR MODE 3M 3.85V
Date: 9.FEB.2026 19:46:26



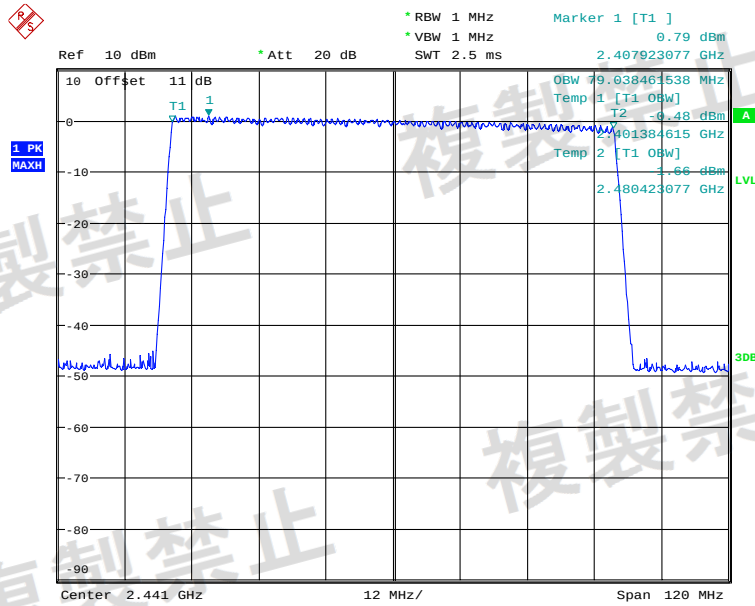
OCCUPIED BANDWIDTH NORMAL MODE 3.465V

Date: 9.FEB.2026 19:51:19

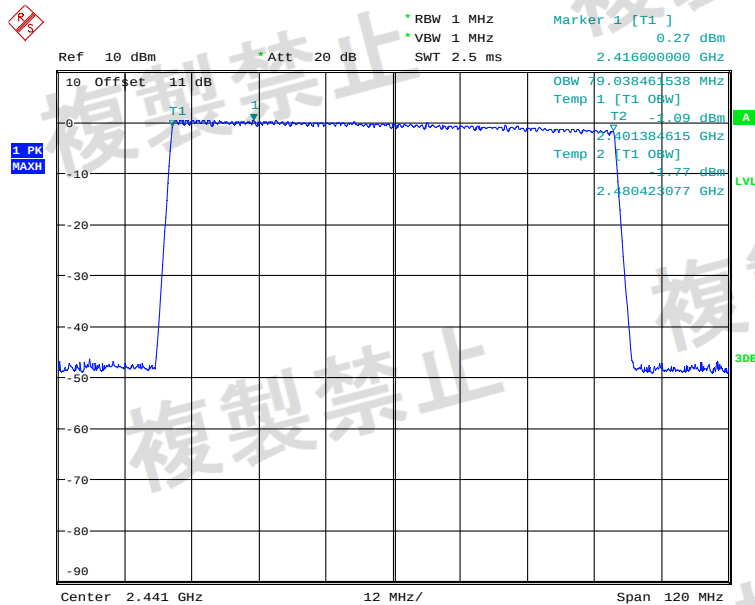


OCCUPIED BANDWIDTH EDR MODE 2M 3.465V

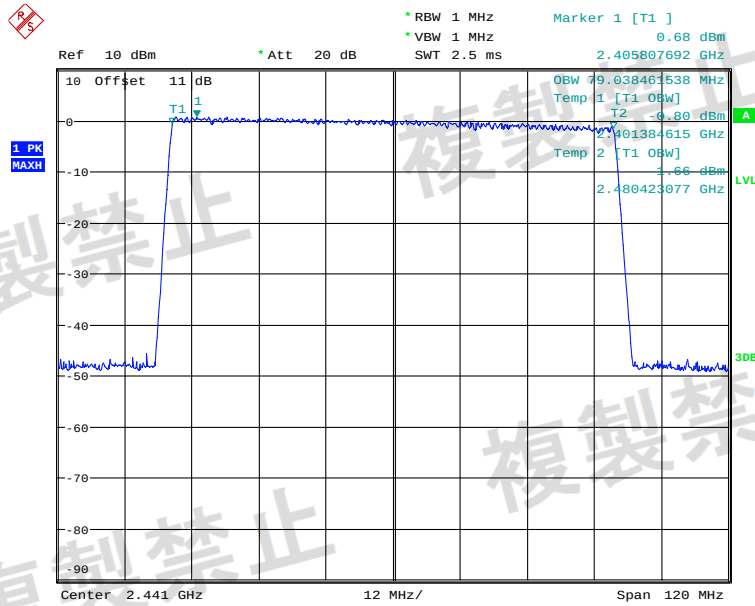
Date: 9.FEB.2026 19:52:15



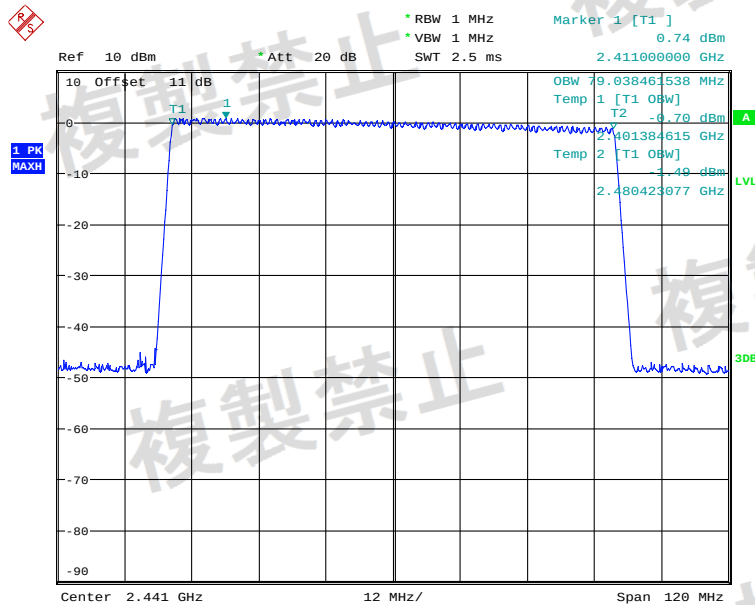
OCCUPIED BANDWIDTH EDR MODE 3M 3.465V
Date: 9.FEB.2026 20:06:19



OCCUPIED BANDWIDTH NORMAL MODE 4.235V
Date: 9.FEB.2026 20:04:32



OCCUPIED BANDWIDTH EDR MODE 2M 4.235V
Date: 9.FEB.2026 19:57:59



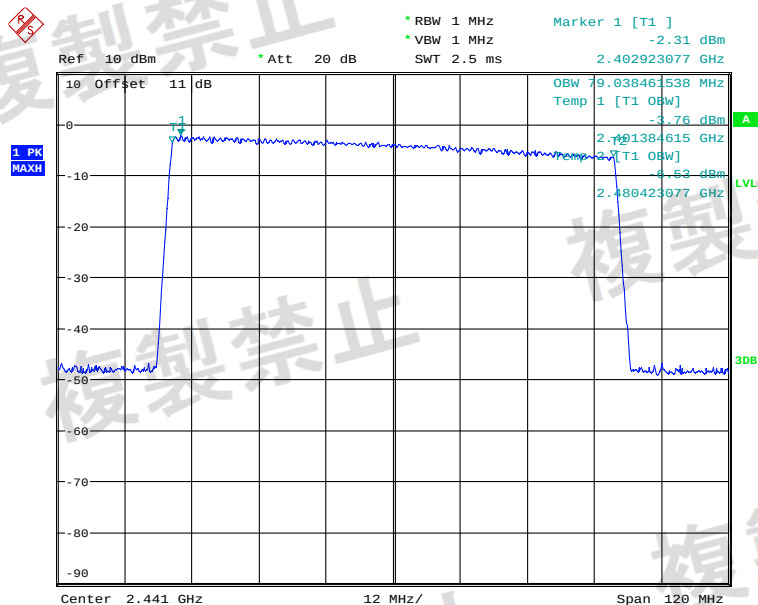
OCCUPIED BANDWIDTH EDR MODE 3M 4.235V
Date: 9.FEB.2026 19:59:26



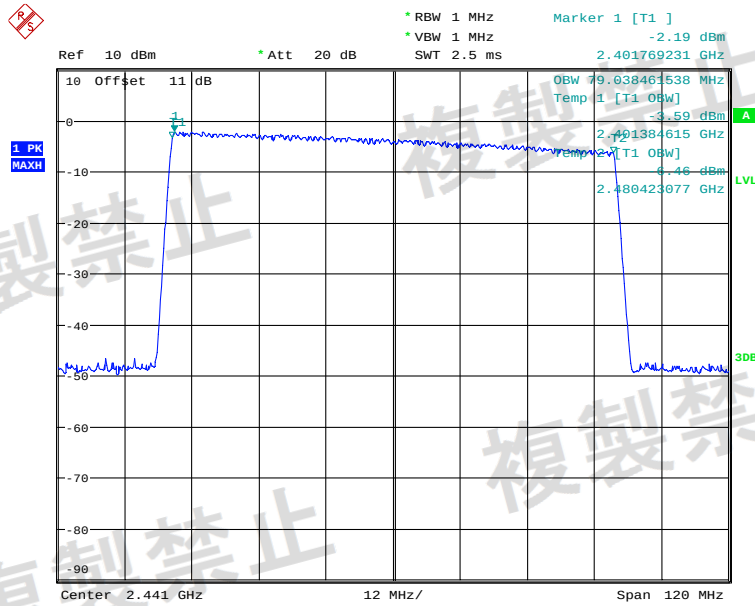
Worldwide Testing Services(Taiwan) Co., Ltd.

Right

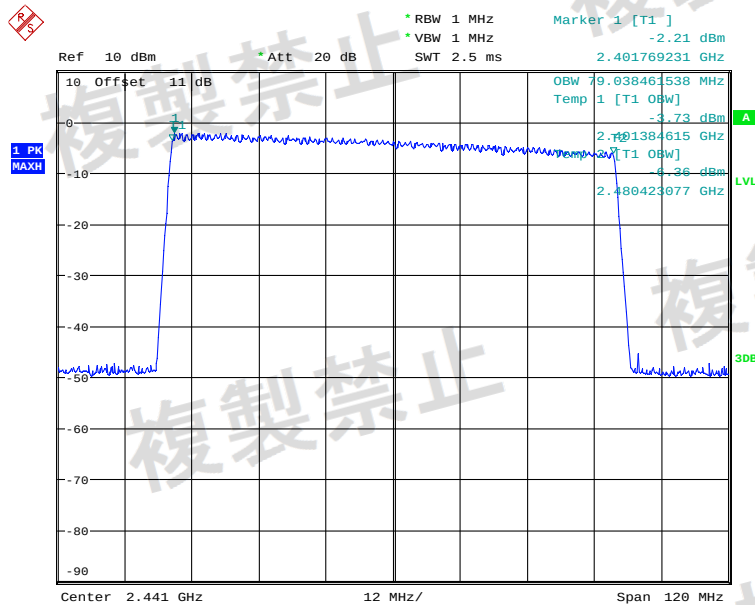
Occupied Bandwidth			
Test Freq	Test Mode	Test Volt	measure value(MHz)
FHSS	NORMAL	3.85Vd.c.	79.03461538
FHSS	EDR 2M	3.85Vd.c.	79.03461538
FHSS	EDR 3M	3.85Vd.c.	79.03461538
FHSS	NORMAL	3.465Vd.c.	79.03461538
FHSS	EDR 2M	3.465Vd.c.	79.03461538
FHSS	EDR 3M	3.465Vd.c.	79.03461538
FHSS	NORMAL	4.235Vd.c.	79.03461538
FHSS	EDR 2M	4.235Vd.c.	79.03461538
FHSS	EDR 3M	4.235Vd.c.	79.03461538



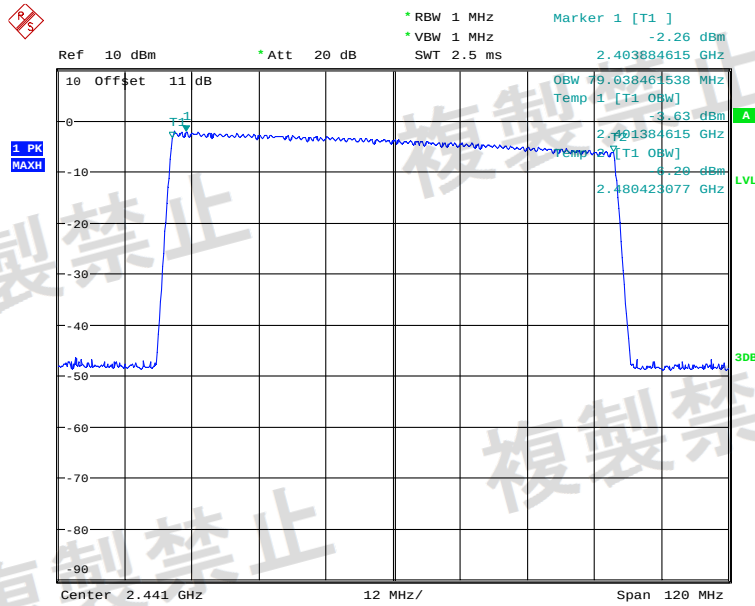
OCCUPIED BANDWIDTH NORMAL MODE 3.85V
Date: 10.FEB.2026 20:54:59



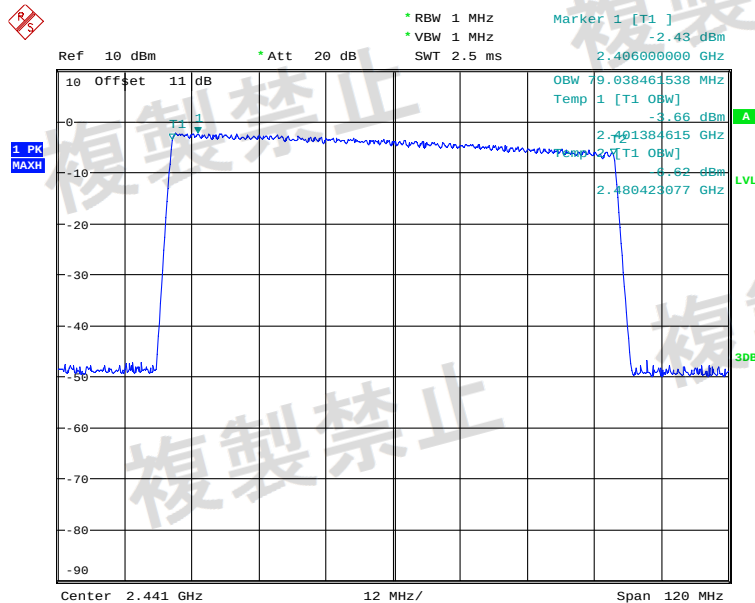
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Date: 10.FEB.2026 20:49:50



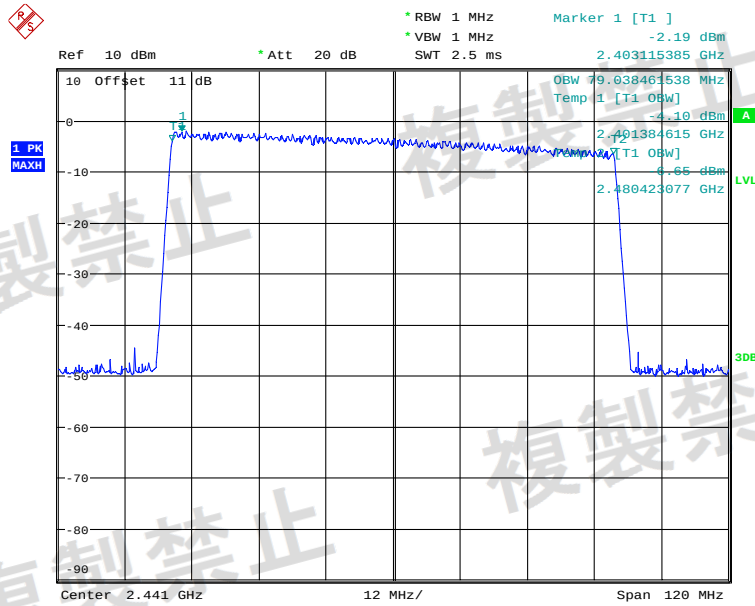
OCCUPIED BANDWIDTH EDR MODE 3M 3.85V
Date: 10.FEB.2026 20:50:53



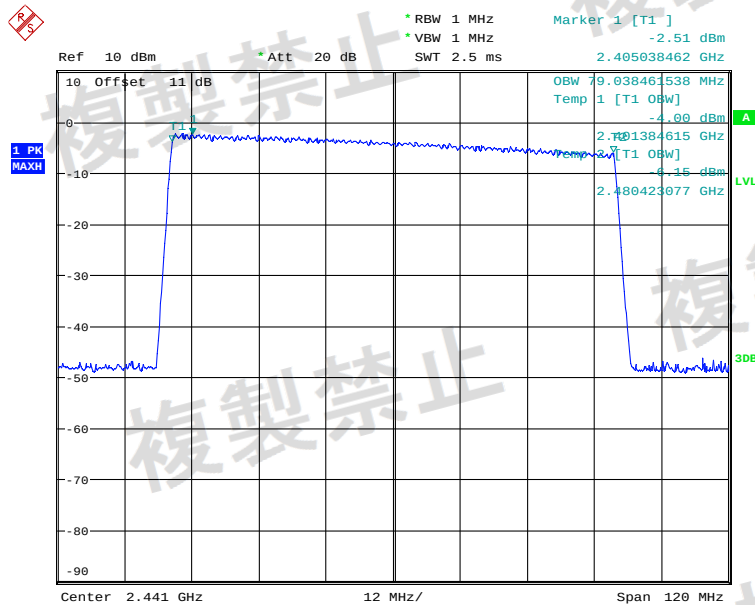
OCCUPIED BANDWIDTH NORMAL MODE 3.465V
Date: 10.FEB.2026 21:01:08



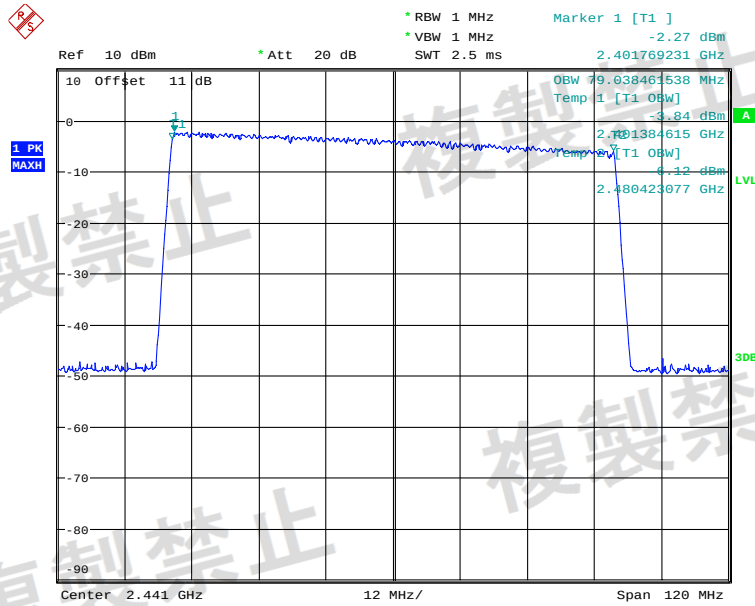
OCCUPIED BANDWIDTH EDR MODE 2M 3.465V
Date: 10.FEB.2026 21:01:56



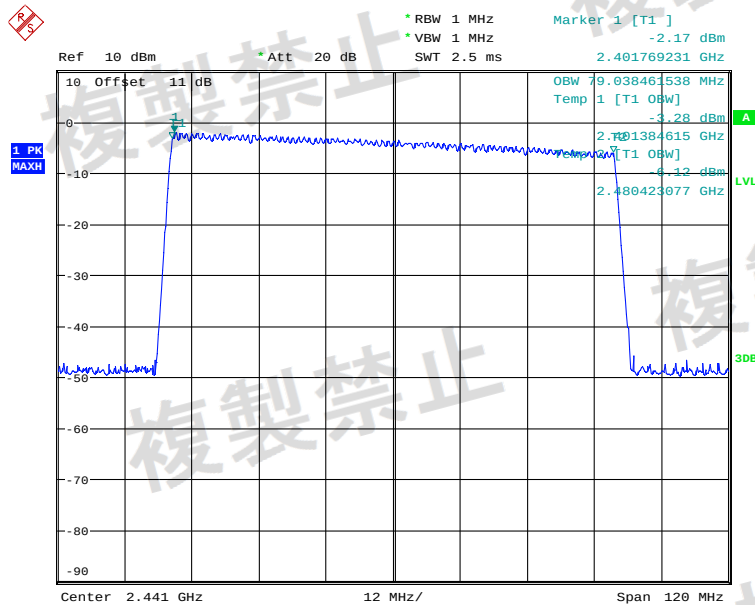
OCCUPIED BANDWIDTH EDR MODE 3M 3.465V
Date: 10.FEB.2026 21:05:17



OCCUPIED BANDWIDTH NORMAL MODE 4.235V
Date: 10.FEB.2026 20:37:10



OCCUPIED BANDWIDTH EDR MODE 2M 4.235V
Date: 10.FEB.2026 20:26:05



OCCUPIED BANDWIDTH EDR MODE 3M 4.235V
Date: 10.FEB.2026 20:27:20



Worldwide Testing Services(Taiwan) Co., Ltd.

Limits:

Under all test conditions	Occupied bandwidth: FHSS ≤ 83.5 MHz Other method ≤ 26 MHz
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3.4 Spreading Bandwidth

Test date: February 09, 2026

Temperature: 19.6°C

Humidity: 59.5%

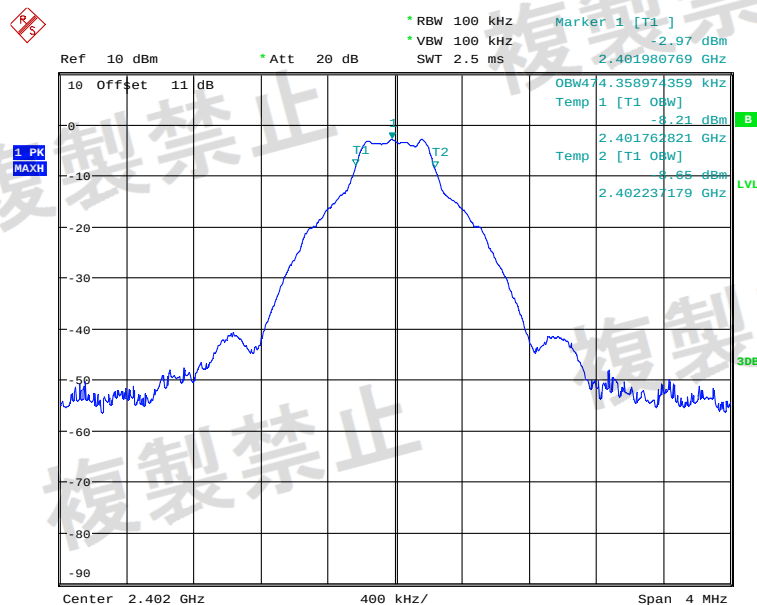
Tester: Sky

3.85Vd.c.

Mode: GFSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE 3.85V

Date: 10.FEB.2026 22:12:36

Minimal Spreading Bandwidth

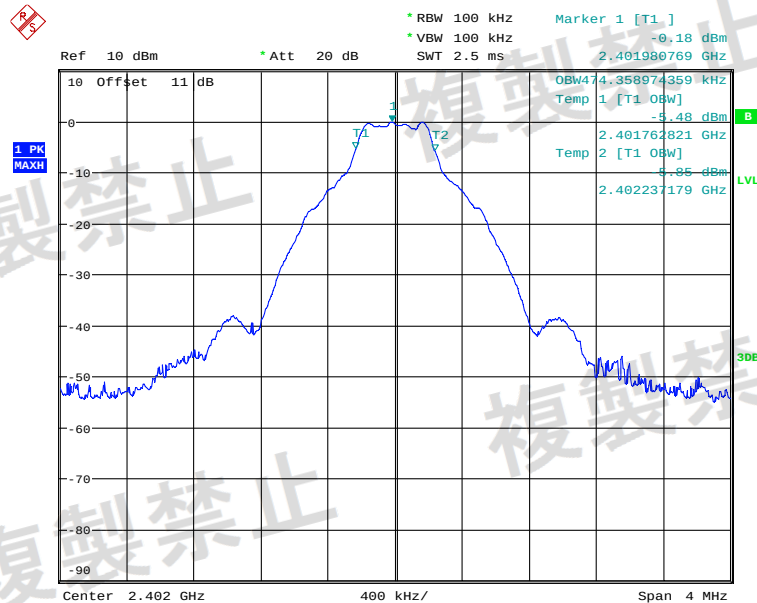
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.574359

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE 3.85V
Date: 9.FEB.2026 20:22:03

Minimal Spreading Bandwidth

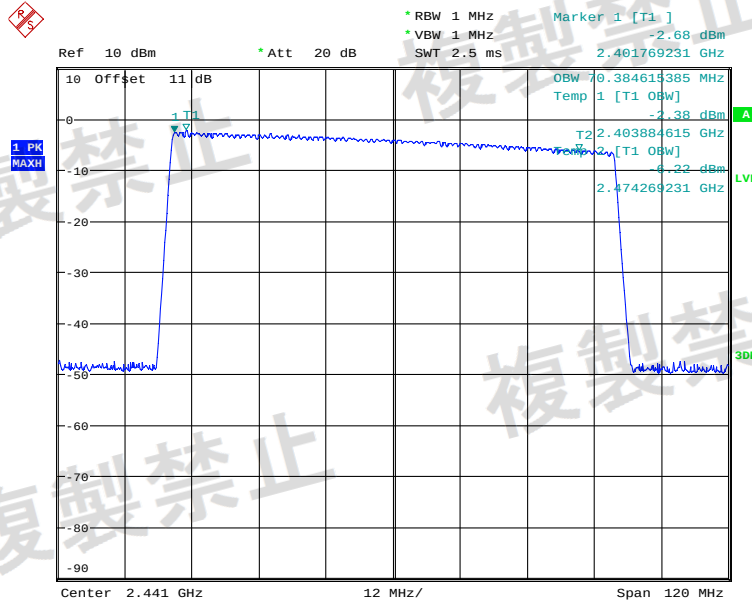
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.574359

Note: n= minimum amount of channels

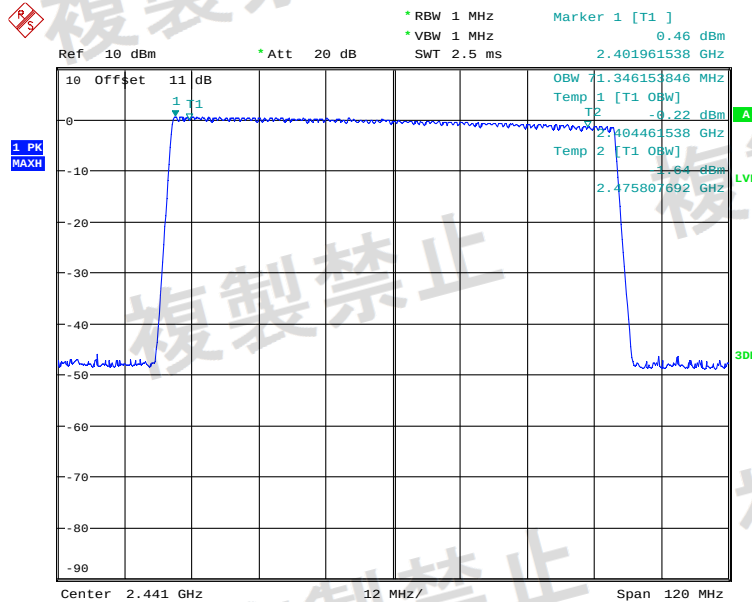


79 channels
Left



SPREADING BANDWIDTH NORMAL MODE 3.85V
Date: 10.FEB.2026 21:25:00

Right



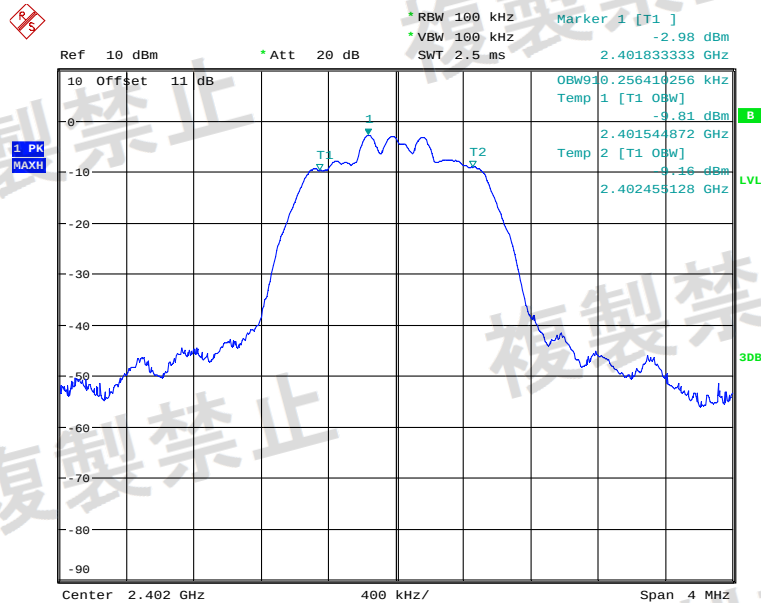
SPREADING BANDWIDTH NORMAL MODE 3.85V
Date: 9.FEB.2026 20:19:32



Mode: $\pi / 4$ DQPSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M 3.85V
Date: 10.FEB.2026 22:14:24

Minimal Spreading Bandwidth

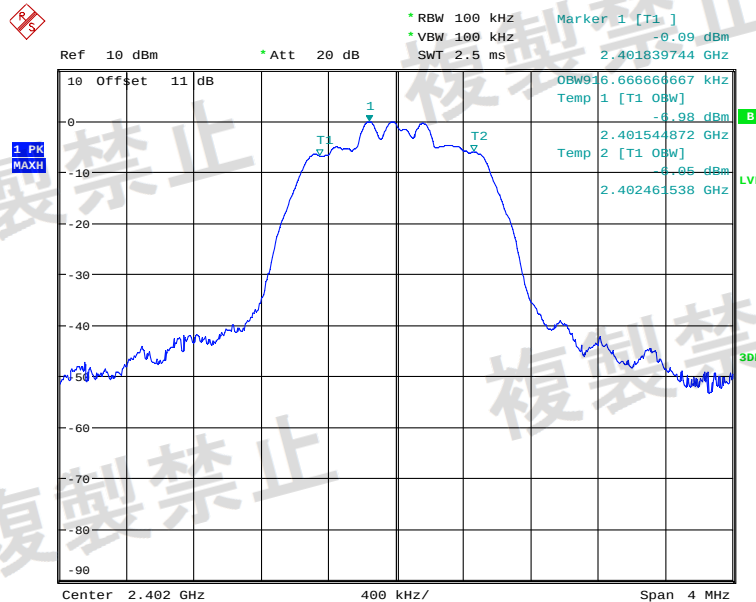
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.010256

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M 3.85V
Date: 9.FEB.2026 20:24:45

Minimal Spreading Bandwidth

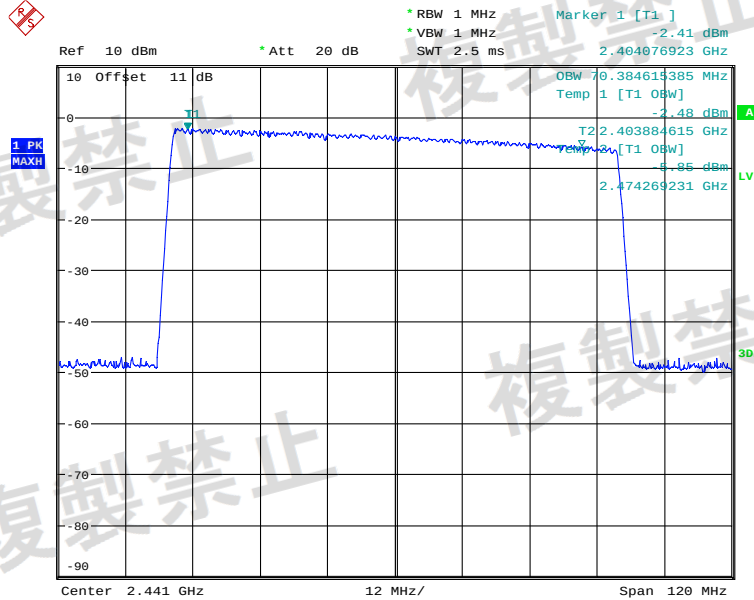
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels

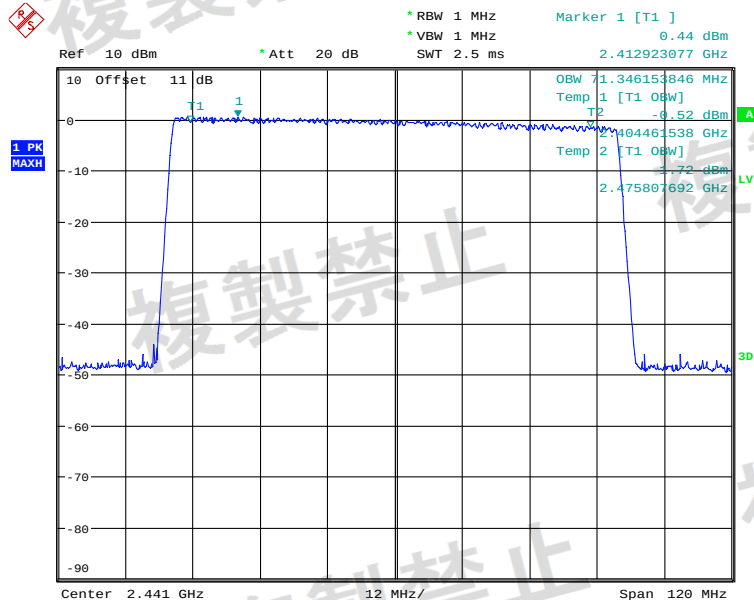


79 channels
Left



SPREADING BANDWIDTH EDR MODE 2M 3.85V
Date: 10.FEB.2026 21:27:07

Right



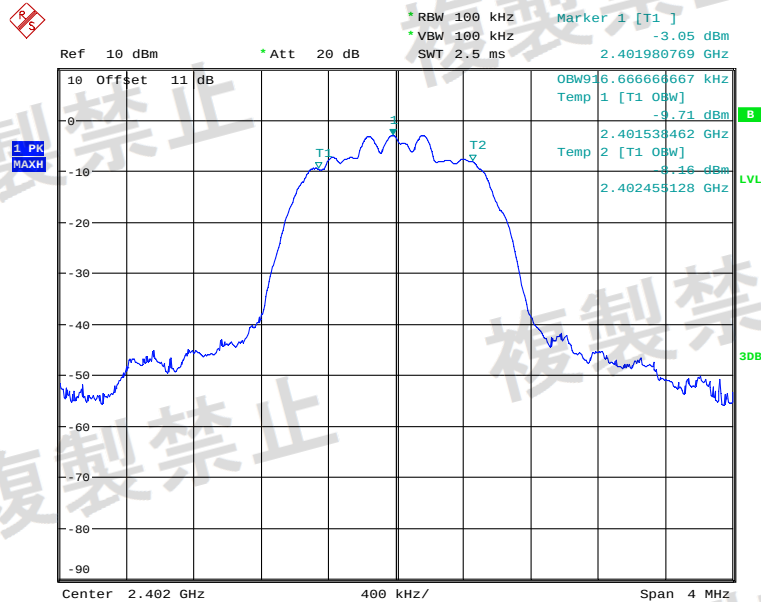
SPREADING BANDWIDTH EDR MODE 2M 3.85V
Date: 9.FEB.2026 20:27:59



Mode: 8DPSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 3M 3.85V
Date: 10.FEB.2026 22:16:16

Minimal Spreading Bandwidth

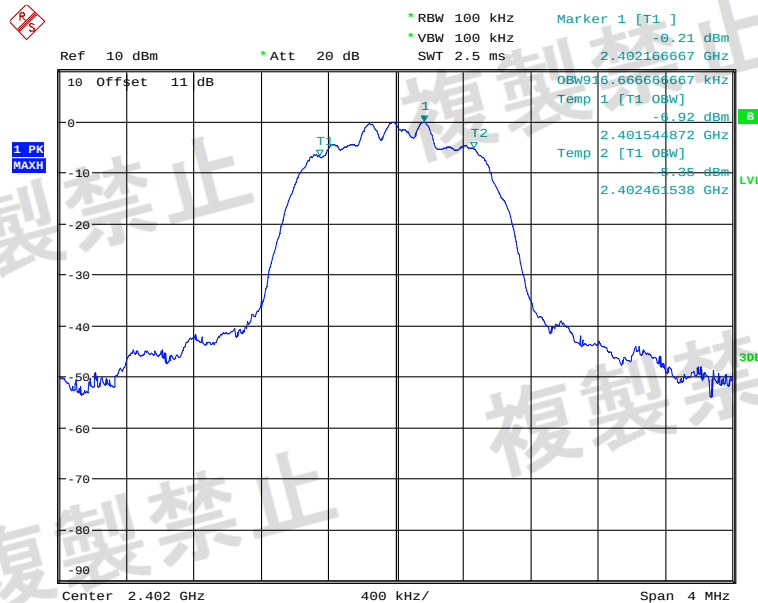
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 3M 3.85V
Date: 9.FEB.2026 21:20:18

Minimal Spreading Bandwidth

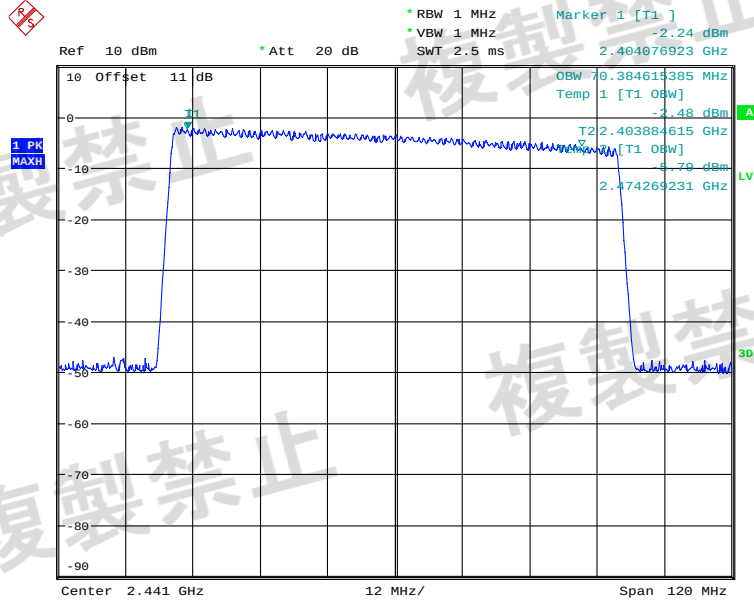
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels

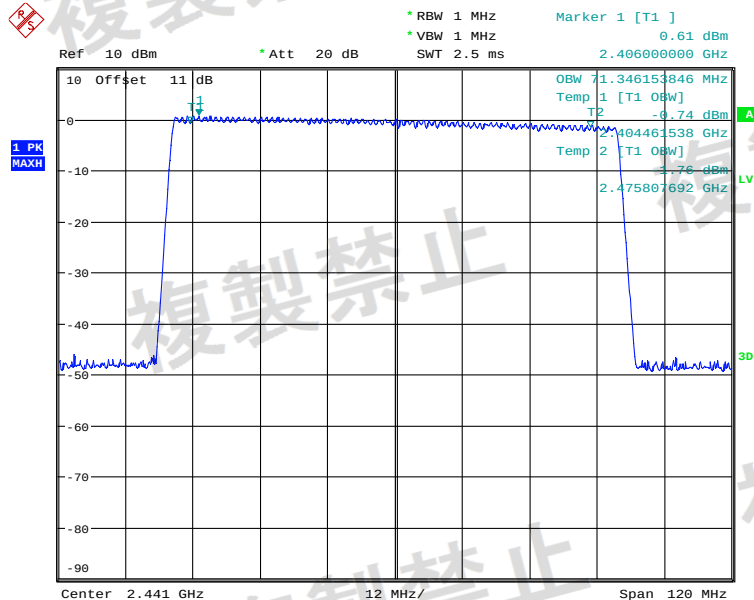


79 channels
Left



SPREADING BANDWIDTH EDR MODE 3M 3.85V
Date: 10.FEB.2026 21:27:50

Right



SPREADING BANDWIDTH EDR MODE 3M 3.85V
Date: 9.FEB.2026 20:29:49

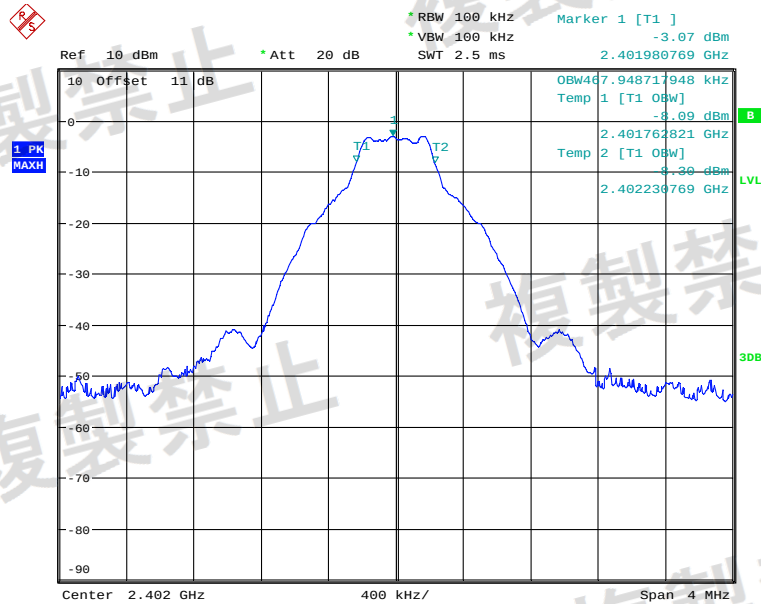


3.465Vd.c.

Mode: GFSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE 3.465V
Date: 10.FEB.2026 22:27:11

Minimal Spreading Bandwidth

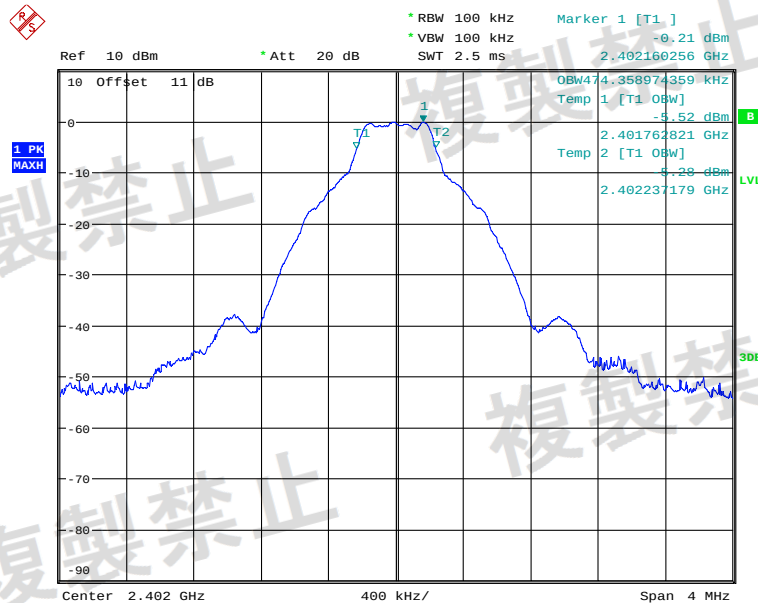
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.567949

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE 3.465V
Date: 9.FEB.2026 20:36:29

Minimal Spreading Bandwidth

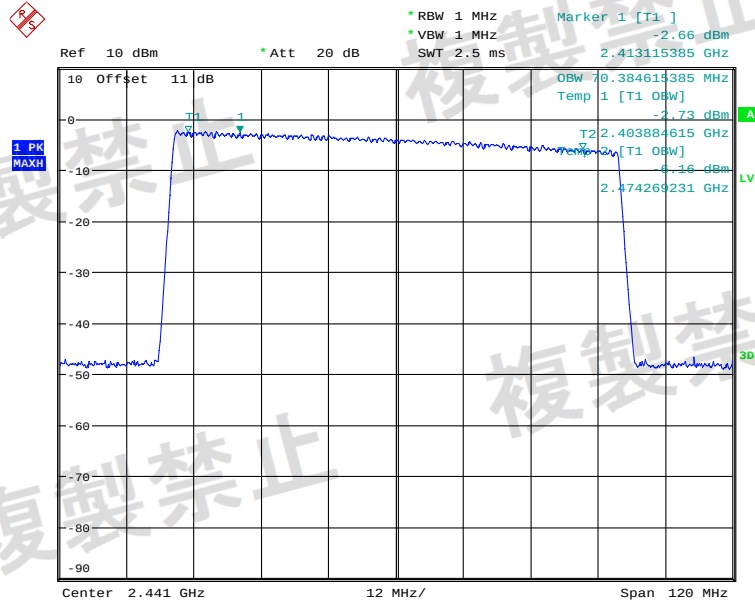
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.574359

Note: n= minimum amount of channels

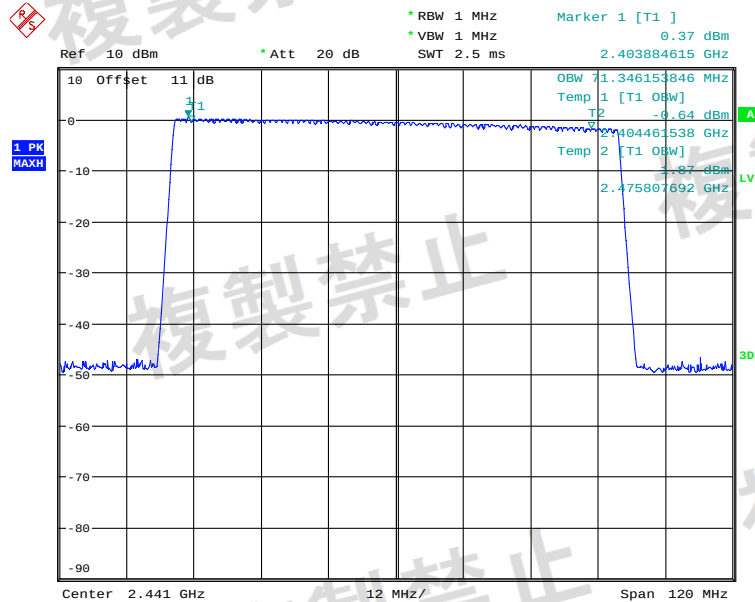


79 channels
Left



SPREADING BANDWIDTH NORMAL MODE 3.465V
Date: 10.FEB.2026 21:36:49

Right



SPREADING BANDWIDTH NORMAL MODE 3.465V
Date: 9.FEB.2026 20:51:35

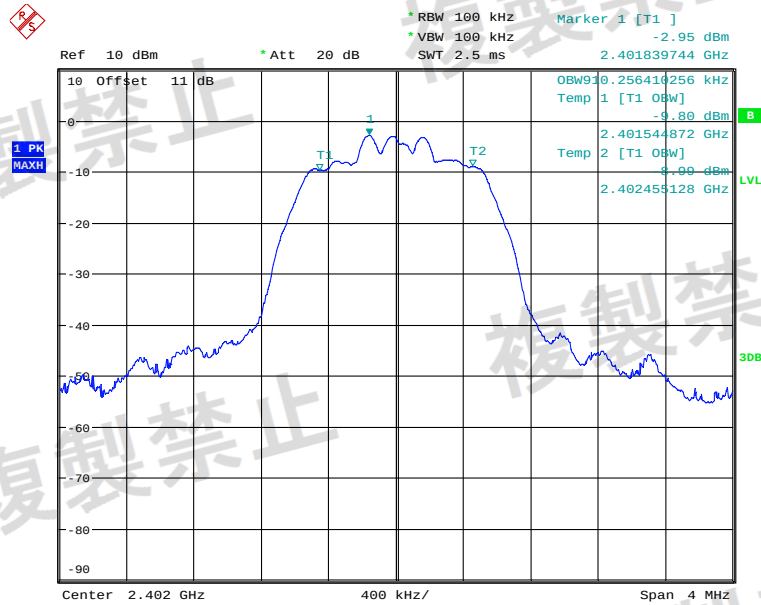


Worldwide Testing Services(Taiwan) Co., Ltd.

Mode: $\pi / 4$ DQPSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M 3.465V
Date: 10.FEB.2026 22:21:04

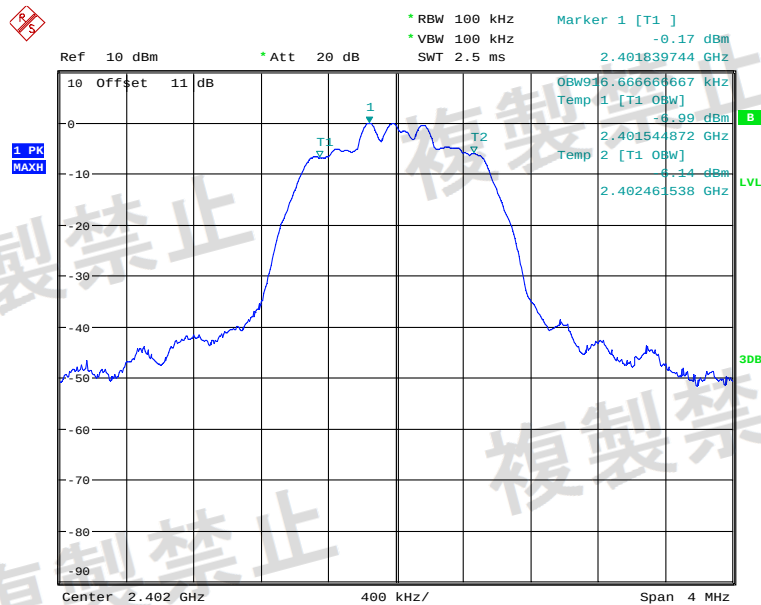
Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.010256

Note: n= minimum amount of channels

Right



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M 3.465V
Date: 9.FEB.2026 20:40:52

Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels



1 PK MAX

Ref 10 dBm

* RBW 1 MHz

* VBW 1 MHz

* SWT 2.5 ms

Marker 1 [T1]

-2.18 dBm

2.401961538 GHz

10 Offset 11 dB

0

-10

-20

-30

-40

-50

-60

-70

-80

-90

OBW 70.384614385 MHz

Temp 1 [T1 OBW]

-2.52 dBm

T2 2.403884615 GHz

Temp 2 [T1 OBW]

-1.83 dBm

2.474269231 GHz

Center 2.441 GHz

12 MHz/

Span 120 MHz

1 PK
MAXH

Offset 11 dB

Center 2.441 GHz

Span 120 MHz

12 MHz/

Ref 10 dBm

* Att 20 dB

* RBW 1 MHz

* VBW 1 MHz

SWT 2.5 ms

Marker 1 [T1]

0.54 dBm

2.460000000 GHz

OBW 71.346153846 MHz

1 [T1 OBW]

T2 -0.55 dBm

2 2.404461538 GHz

2 [T1 OBW]

-0.48 dBm

2.475807692 GHz

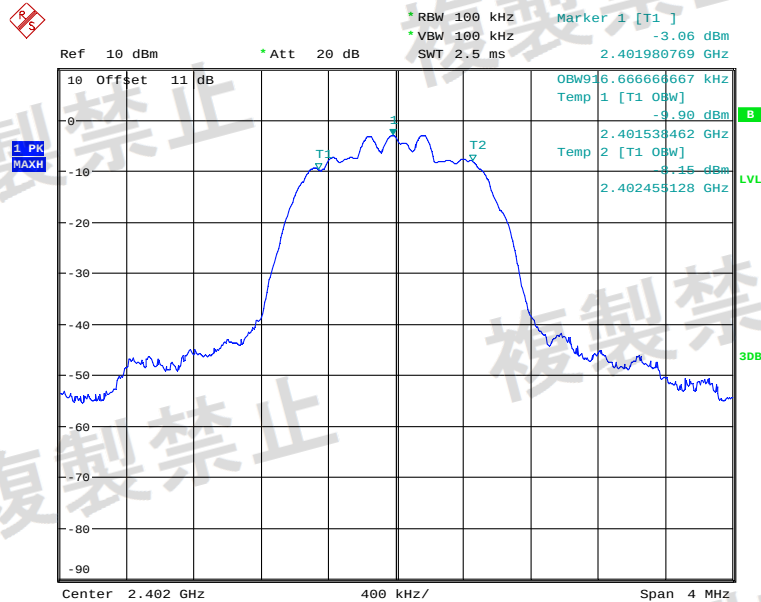
Registration number: W6M22601-24924-J-1



Mode: 8DPSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 3M 3.465V
Date: 10.FEB.2026 22:23:16

Minimal Spreading Bandwidth

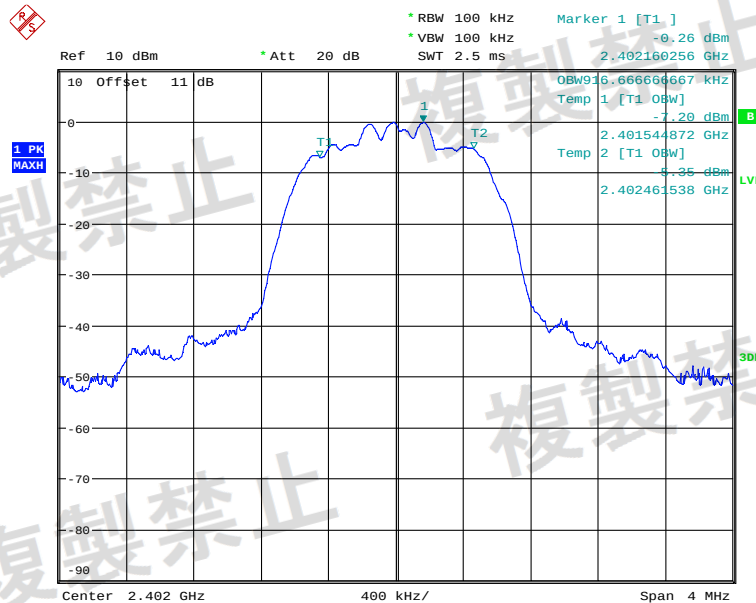
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 3M 3.465V
Date: 9.FEB.2026 20:50:01

Minimal Spreading Bandwidth

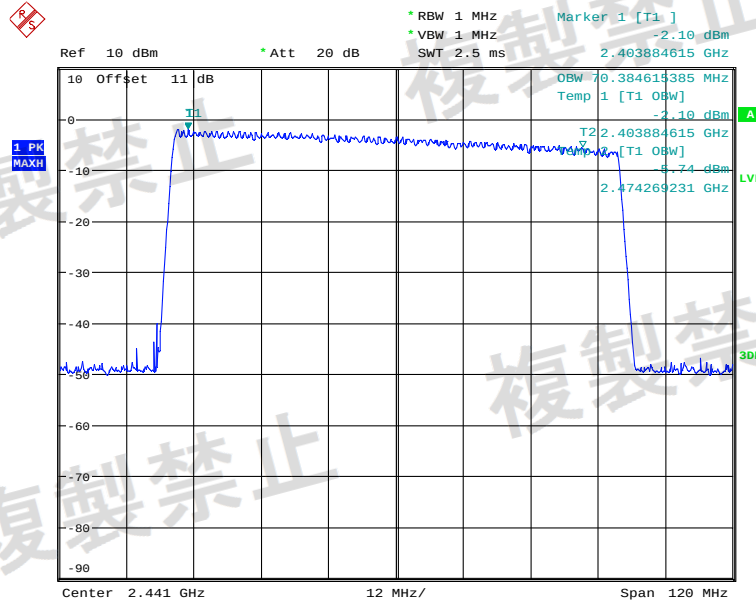
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels

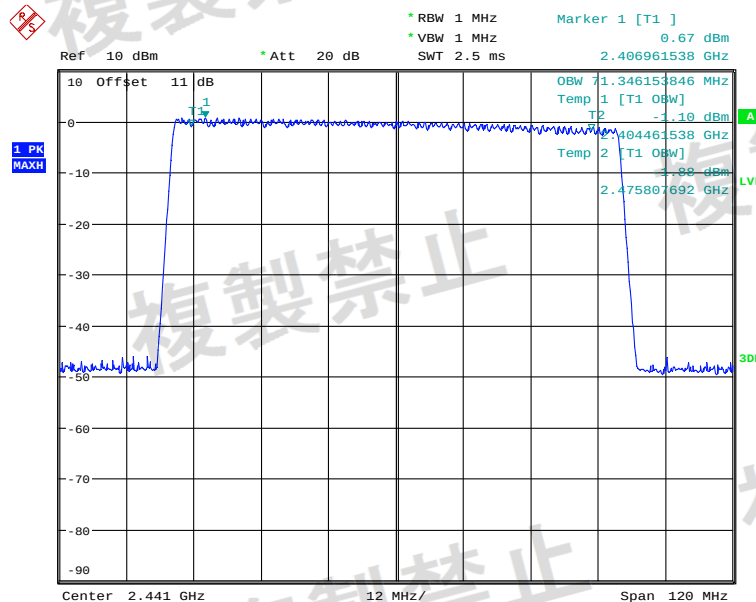


79 channels
Left



SPREADING BANDWIDTH EDR MODE 3M 3.465V
Date: 10.FEB.2026 21:40:57

Right



SPREADING BANDWIDTH EDR MODE 3M 3.465V
Date: 9.FEB.2026 20:53:47

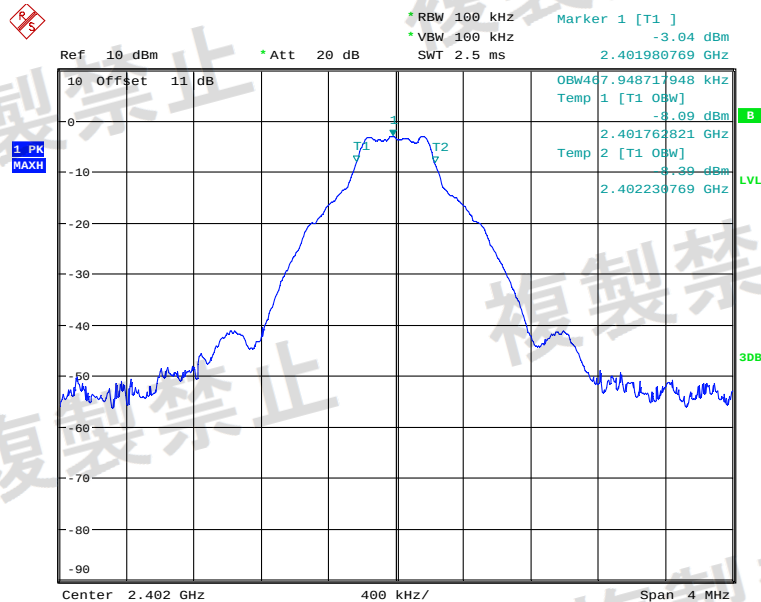


4.235Vd.c.

Mode: GFSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE 4.235V
Date: 10.FEB.2026 21:53:16

Minimal Spreading Bandwidth

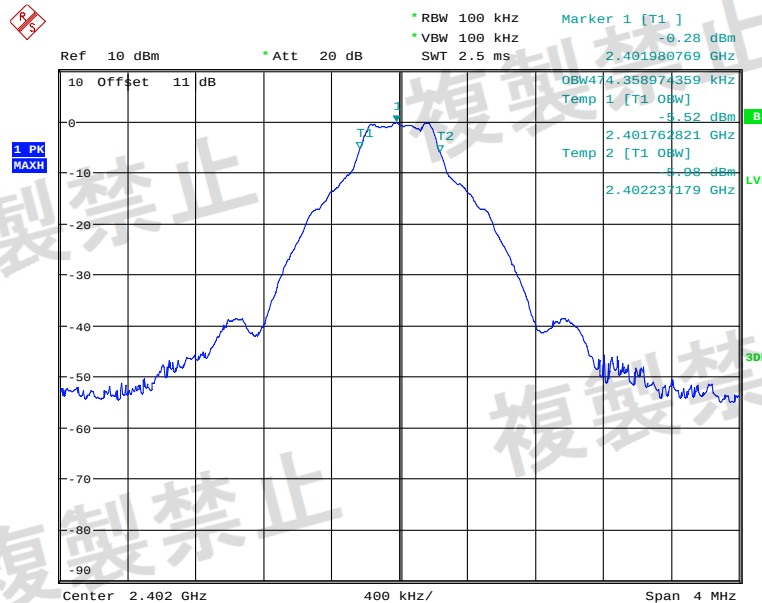
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.567949

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS NORMAL MODE 4.235V
Date: 9.FEB.2026 21:01:07

Minimal Spreading Bandwidth

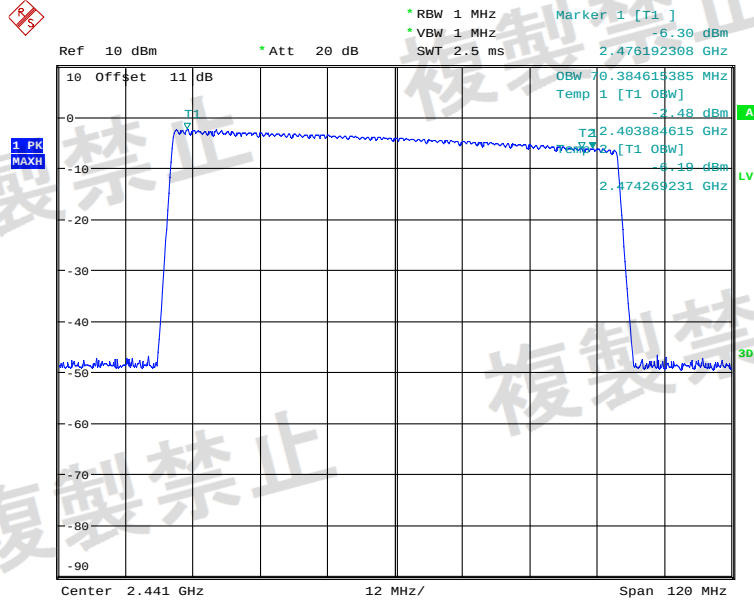
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 17.574359

Note: n= minimum amount of channels

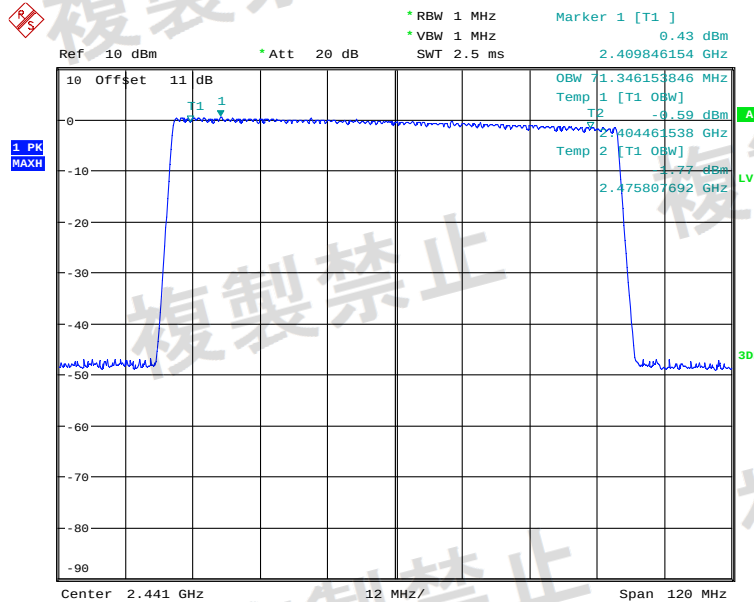


79 channels
Left



SPREADING BANDWIDTH NORMAL MODE 4.235V
Date: 10.FEB.2026 21:48:11

Right



SPREADING BANDWIDTH NORMAL MODE 4.235V
Date: 9.FEB.2026 20:57:29

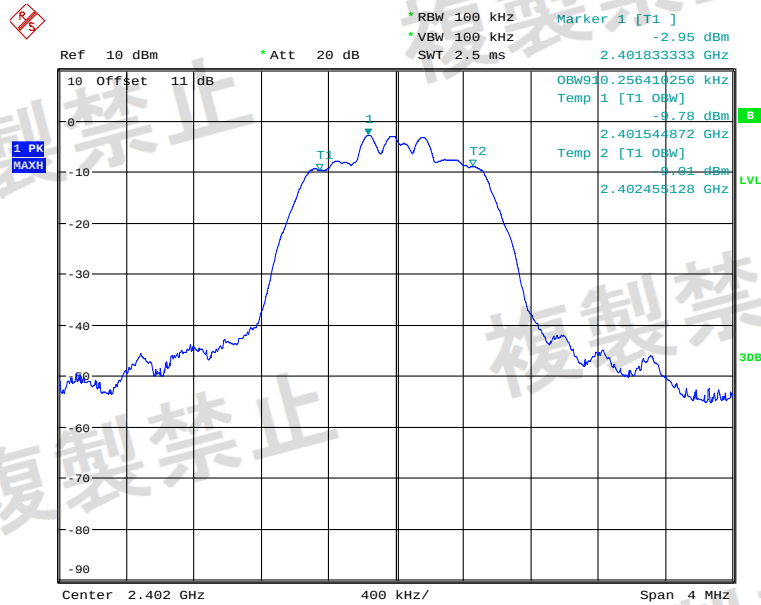


Worldwide Testing Services(Taiwan) Co., Ltd.

Mode: $\pi / 4$ DQPSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M 4.235V
Date: 10.FEB.2026 21:59:35

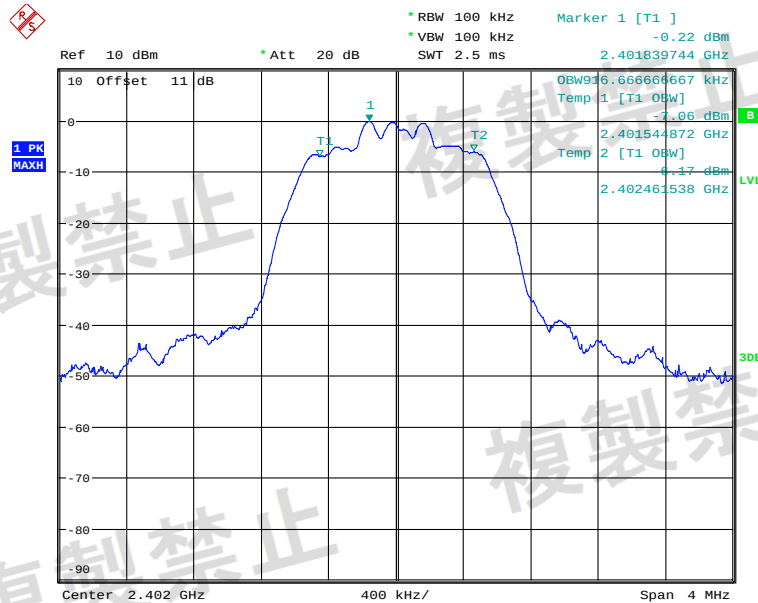
Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.010256

Note: n= minimum amount of channels

Right



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 2M 4.235V
Date: 9.FEB.2026 21:14:40

Minimal Spreading Bandwidth

= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels



1 PK MAXH

Ref 10 dBm * Att 20 dB SWT 2.5 ms

Marker 1 [T1] 2.403115385 GHz -2.43 dBm

OBW 70.384615385 MHz Temp 1 [T1 OBW] -2.75 dBm

T2 2.403884615 GHz Temp 2 [T1 OBW] -4.76 dBm

2.474269231 GHz

Center 2.441 GHz 12 MHz/ Span 120 MHz

Ref 10 dBm * Att 20 dB

* RBW 1 MHz
* VBW 1 MHz
SWT 2.5 ms

Marker 1 [T1]
0.39 dBm
2.408884615 GHz

1 PK
MAXH

10 Offset 11 dB

OBW 71.346153846 MHz
Temp 1 [T1 OBW]
T2 -0.95 dBm
1404461538 GHz
Temp 2 [T1 OBW]
-1.01 dBm
2.475807692 GHz

Center 2.441 GHz 12 MHz/ Span 120 MHz

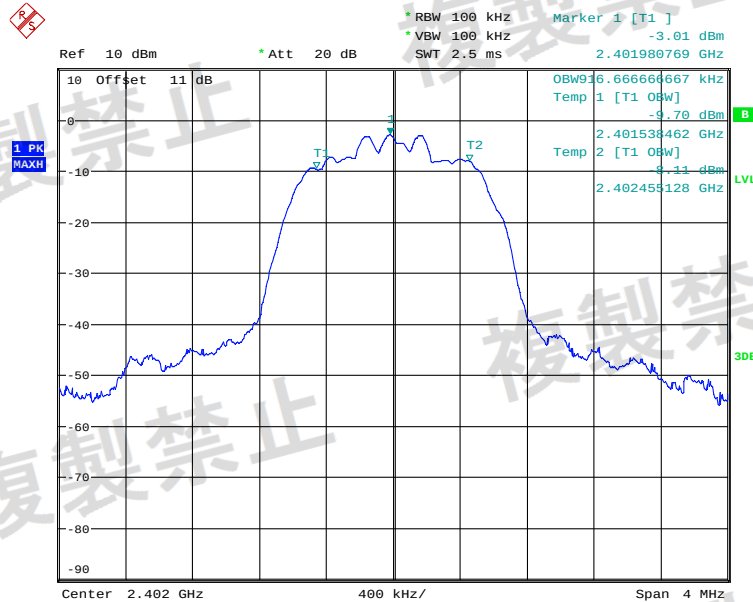
Page 46 of 190



Mode: 8DPSK

Single channel for 20 channels

Left



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 3M 4.235V
Date: 10.FEB.2026 22:01:56

Minimal Spreading Bandwidth

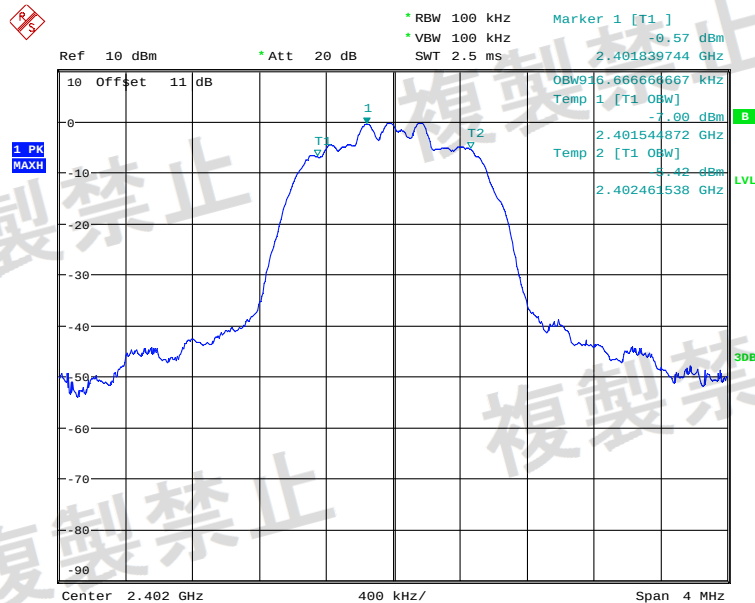
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels



Right



SPREADING BANDWIDTH 20 CHANNELS EDR MODE 3M 4.235V
Date: 9.FEB.2026 21:10:18

Minimal Spreading Bandwidth

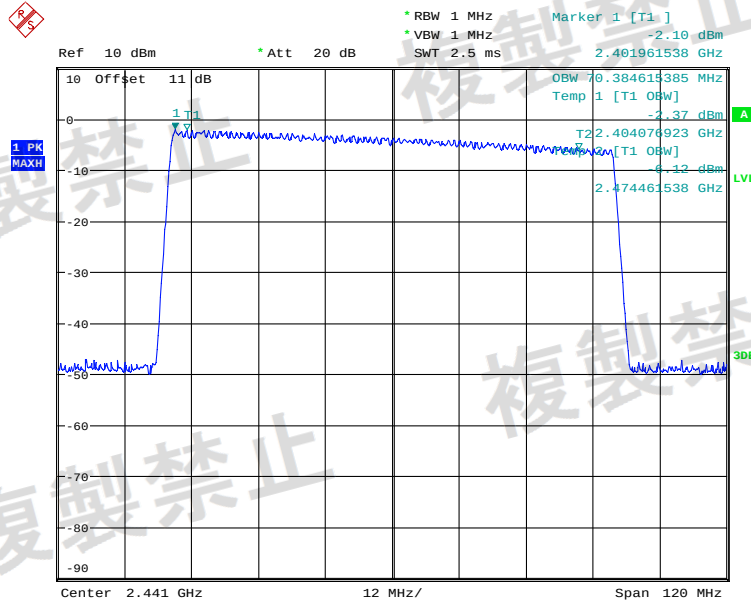
= Smallest Spreading Bandwidth of a single channel + $0.9 * [(n-1) * \text{channel separation}]$

= 18.016667

Note: n= minimum amount of channels

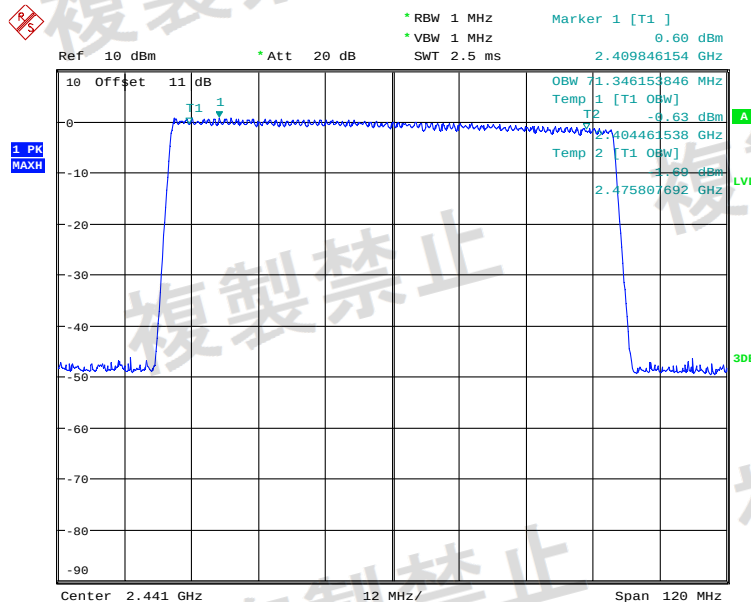


79 channels
Left



SPREADING BANDWIDTH EDR MODE 3M 4.235V
Date: 10.FEB.2026 21:50:37

Right

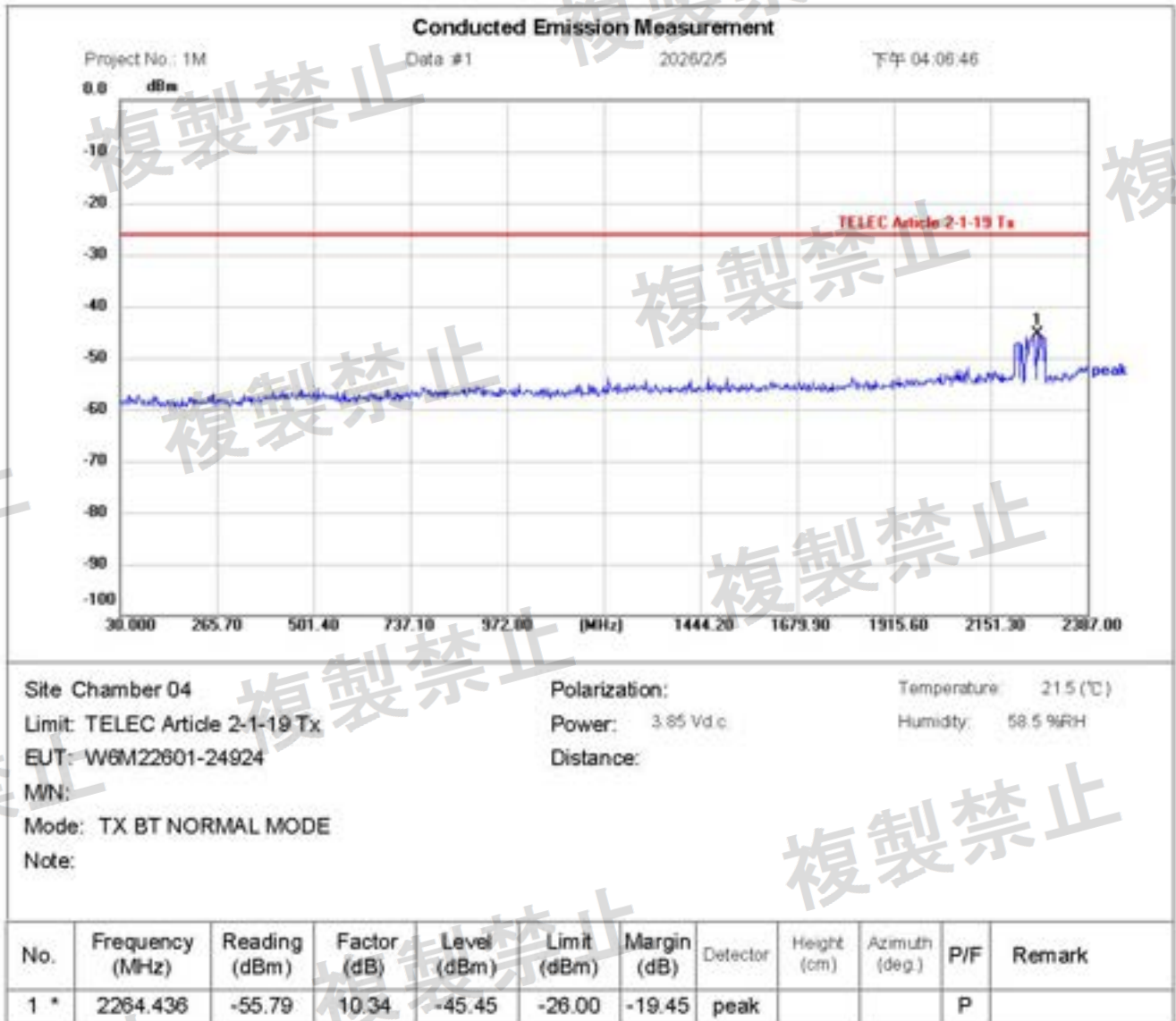


SPREADING BANDWIDTH EDR MODE 3M 4.235V
Date: 9.FEB.2026 20:59:33



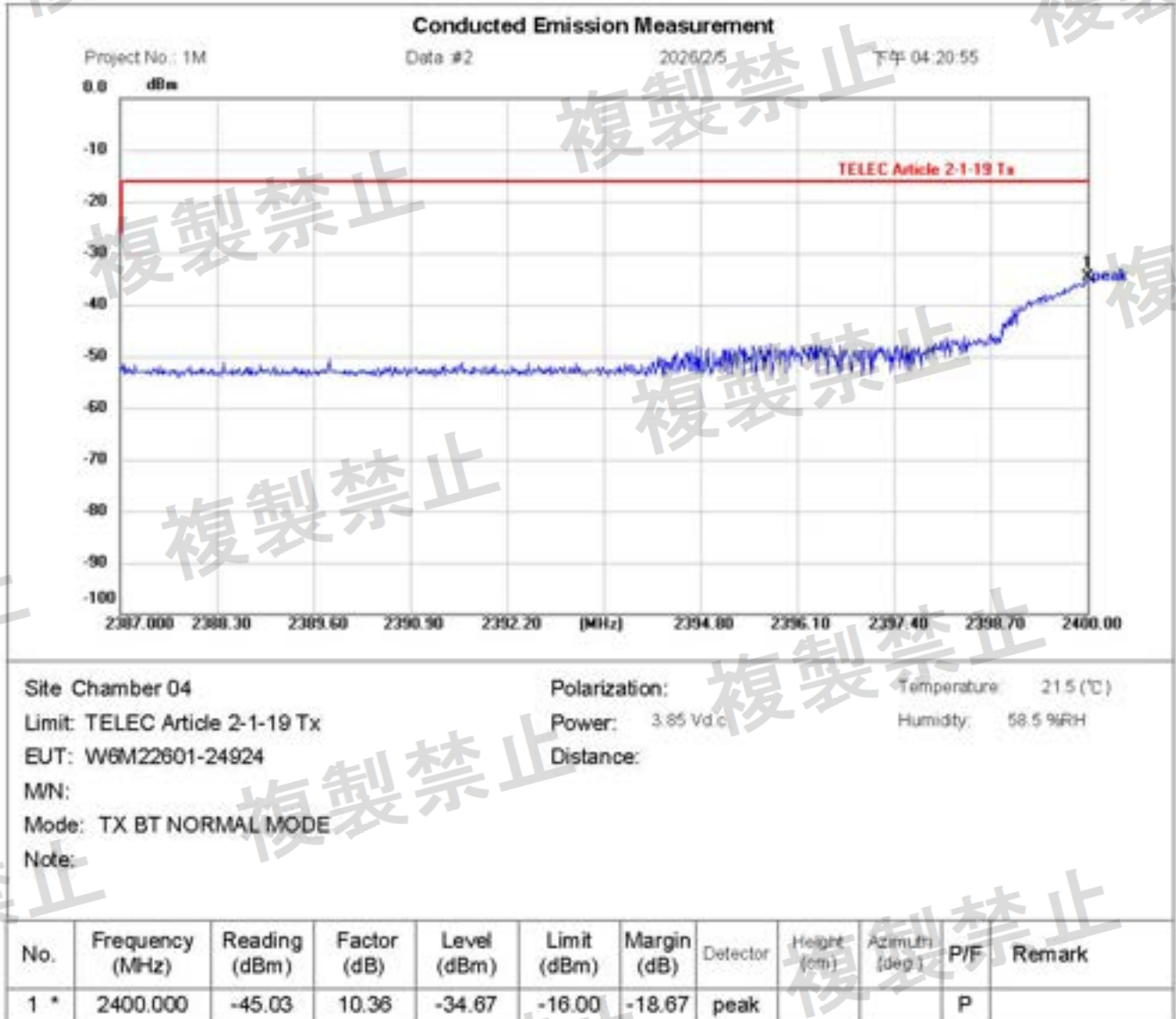
3.5 Spurious emissions (conducted)_ transmitter

Left



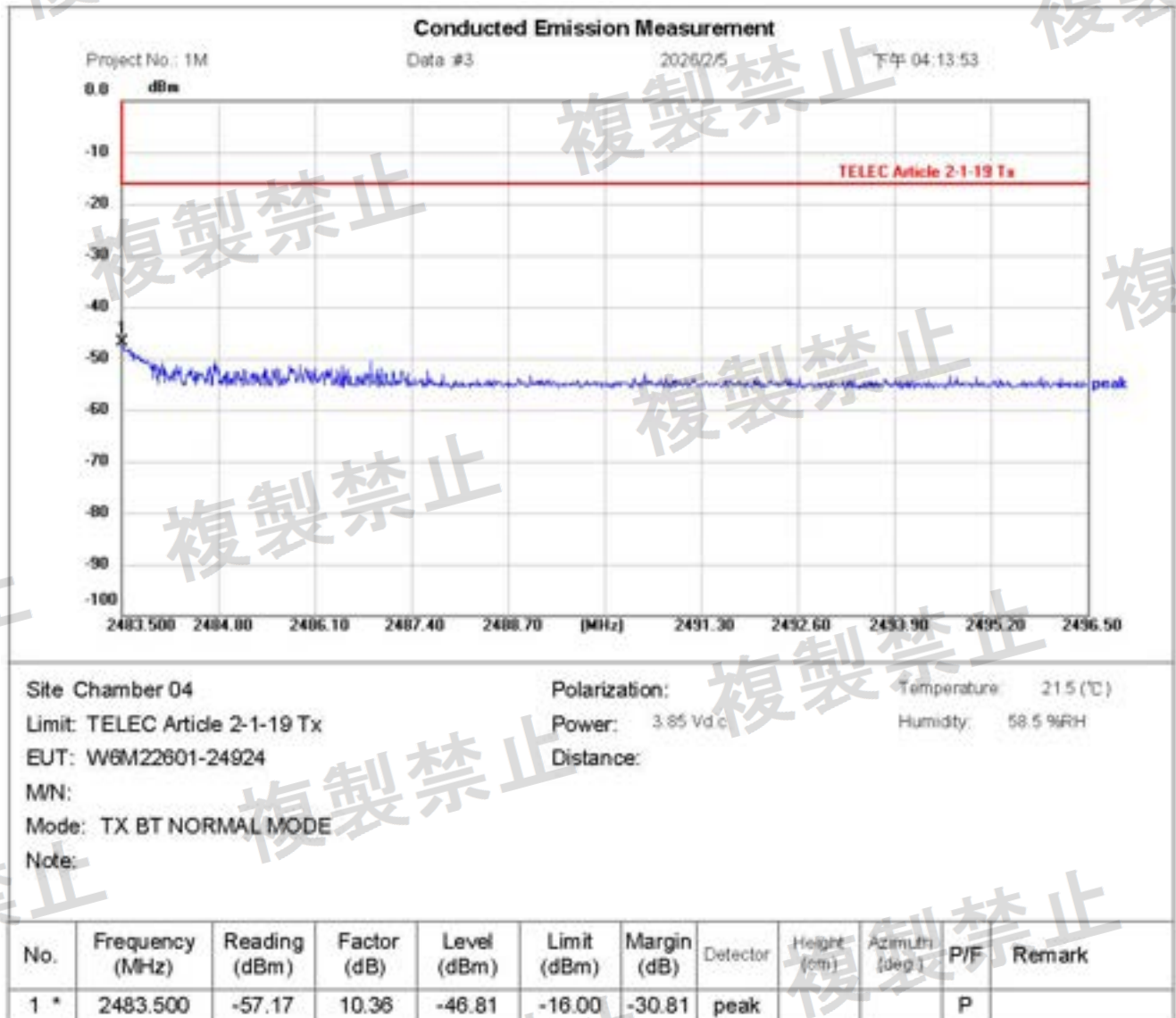


Worldwide Testing Services(Taiwan) Co., Ltd.



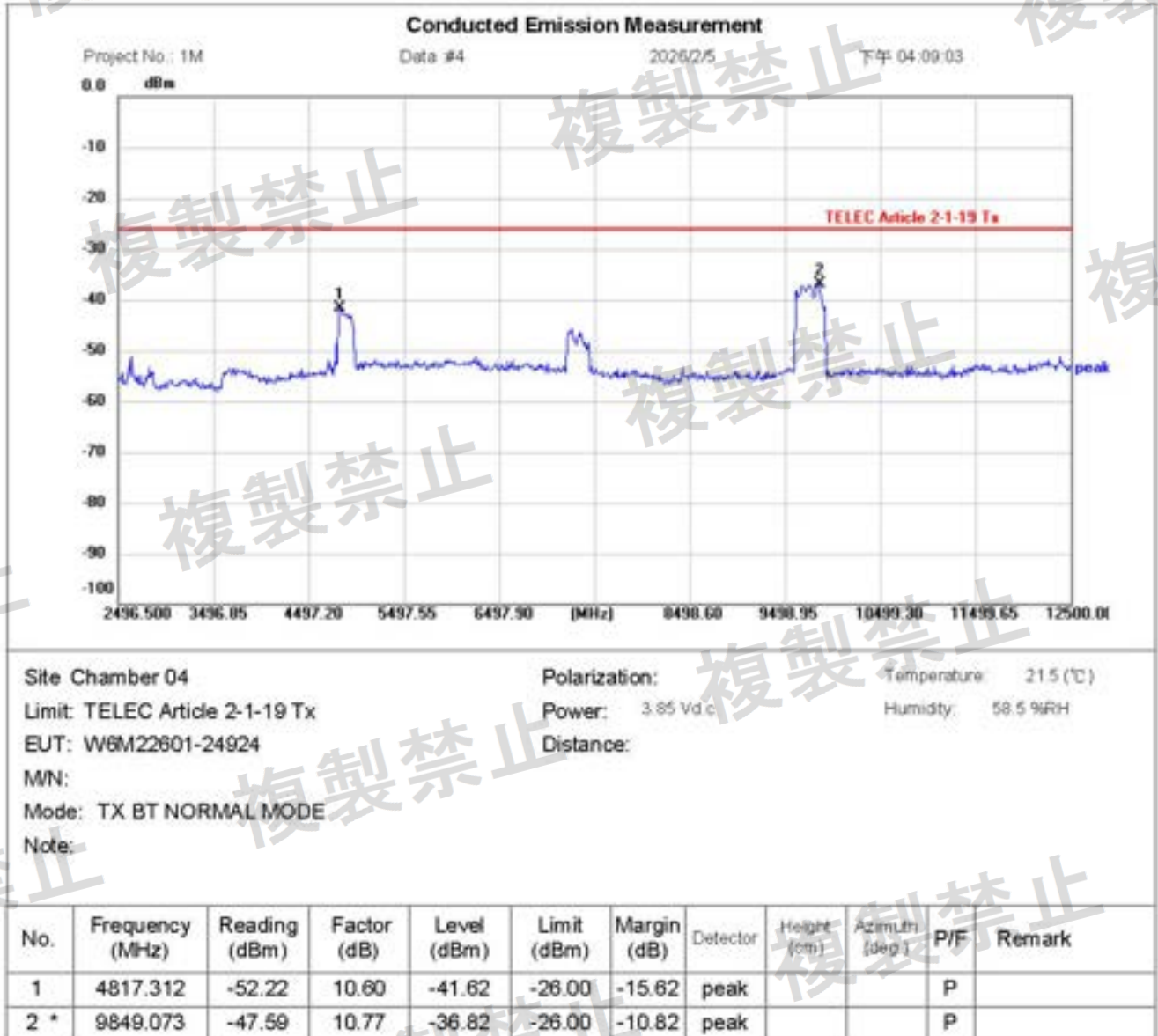


Worldwide Testing Services(Taiwan) Co., Ltd.



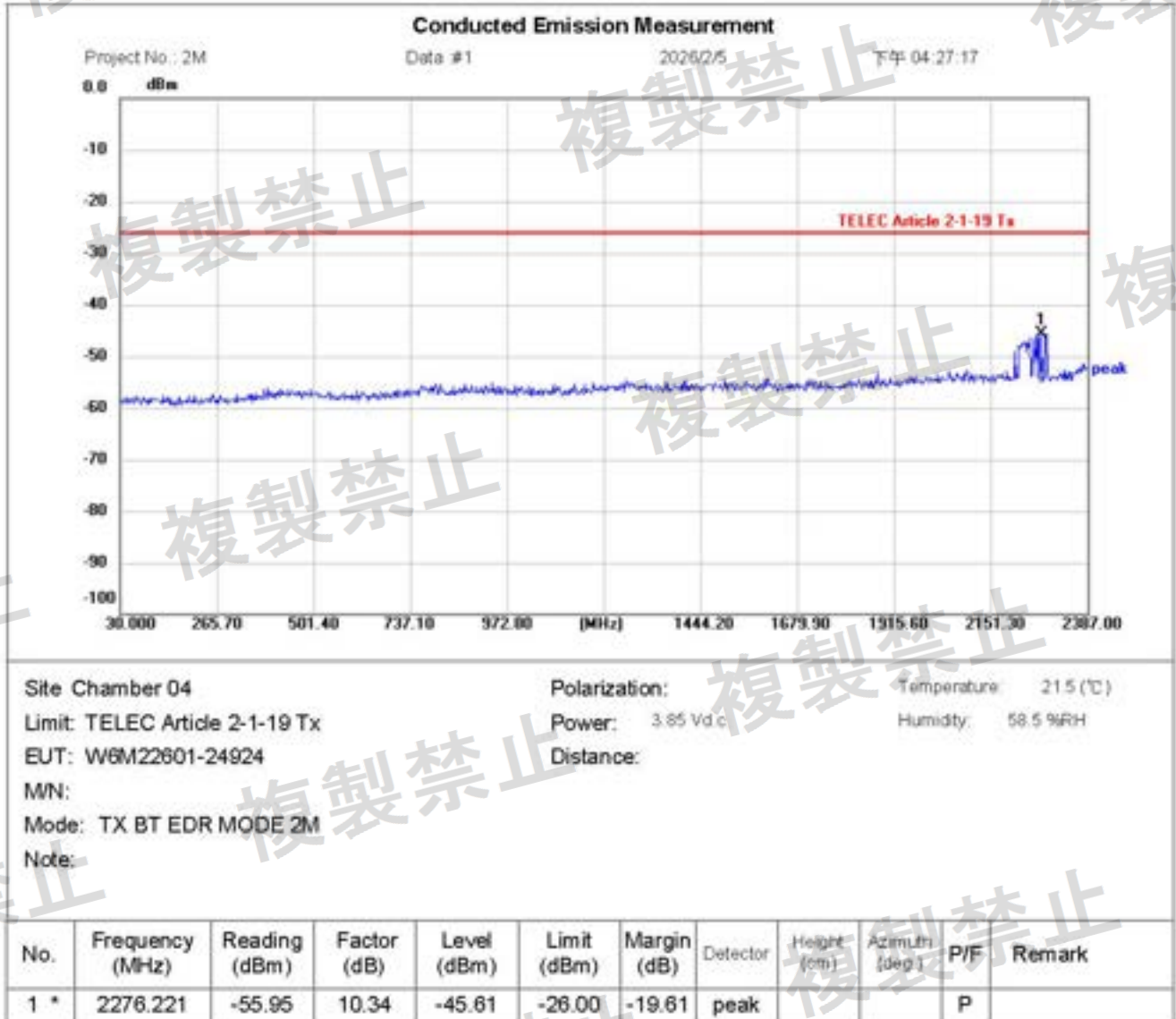


Worldwide Testing Services(Taiwan) Co., Ltd.



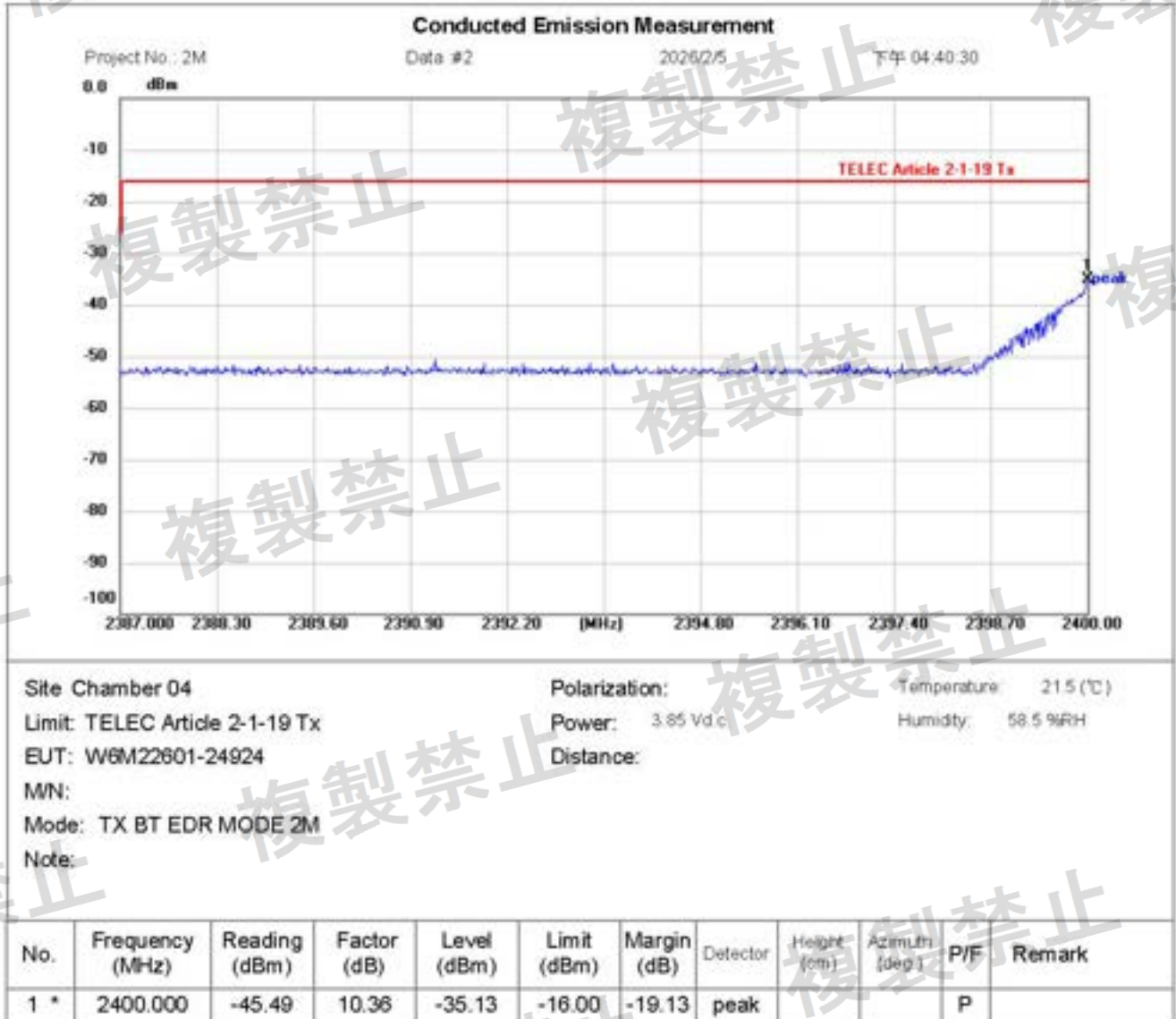


Worldwide Testing Services(Taiwan) Co., Ltd.



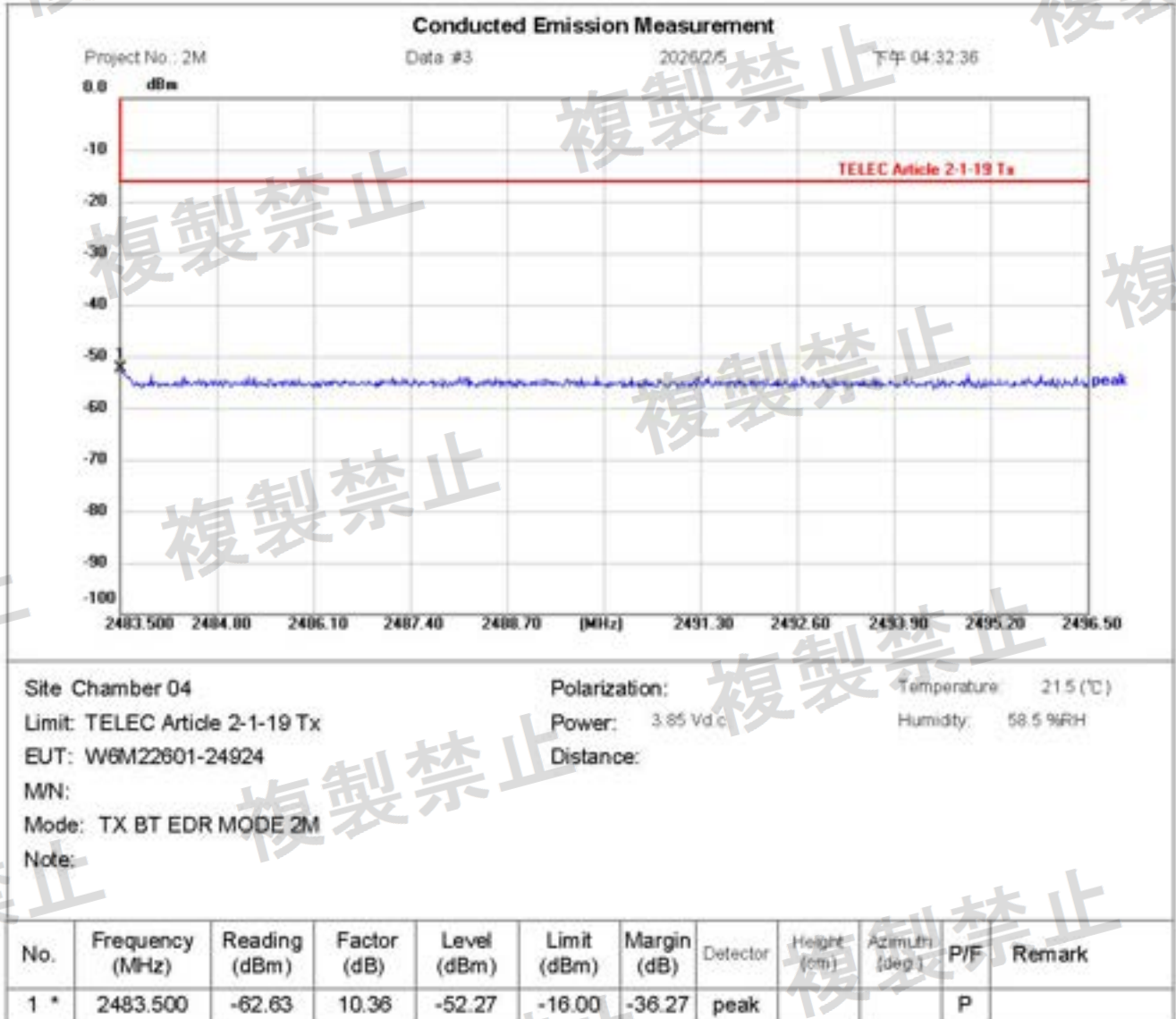


Worldwide Testing Services(Taiwan) Co., Ltd.



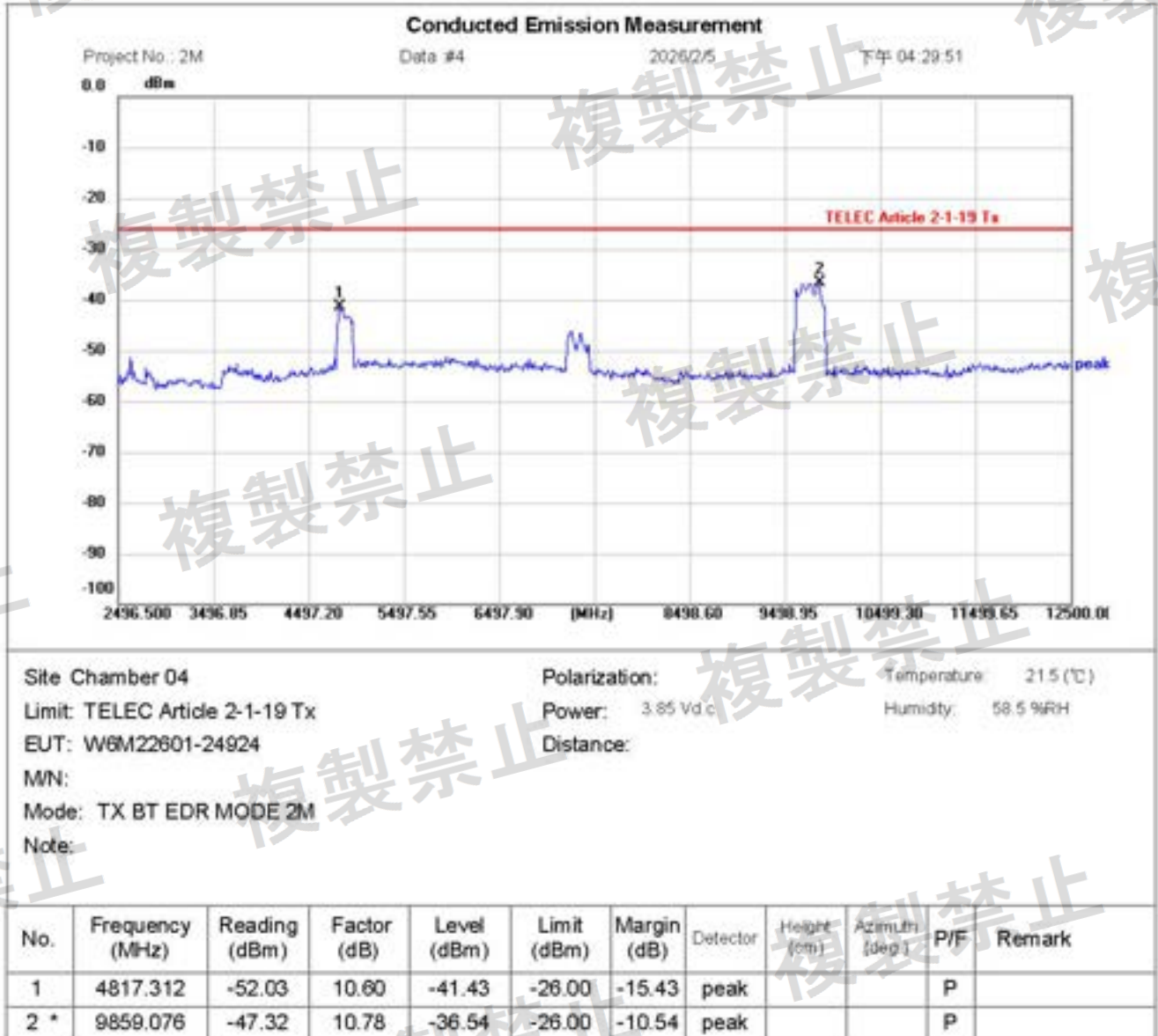


Worldwide Testing Services(Taiwan) Co., Ltd.



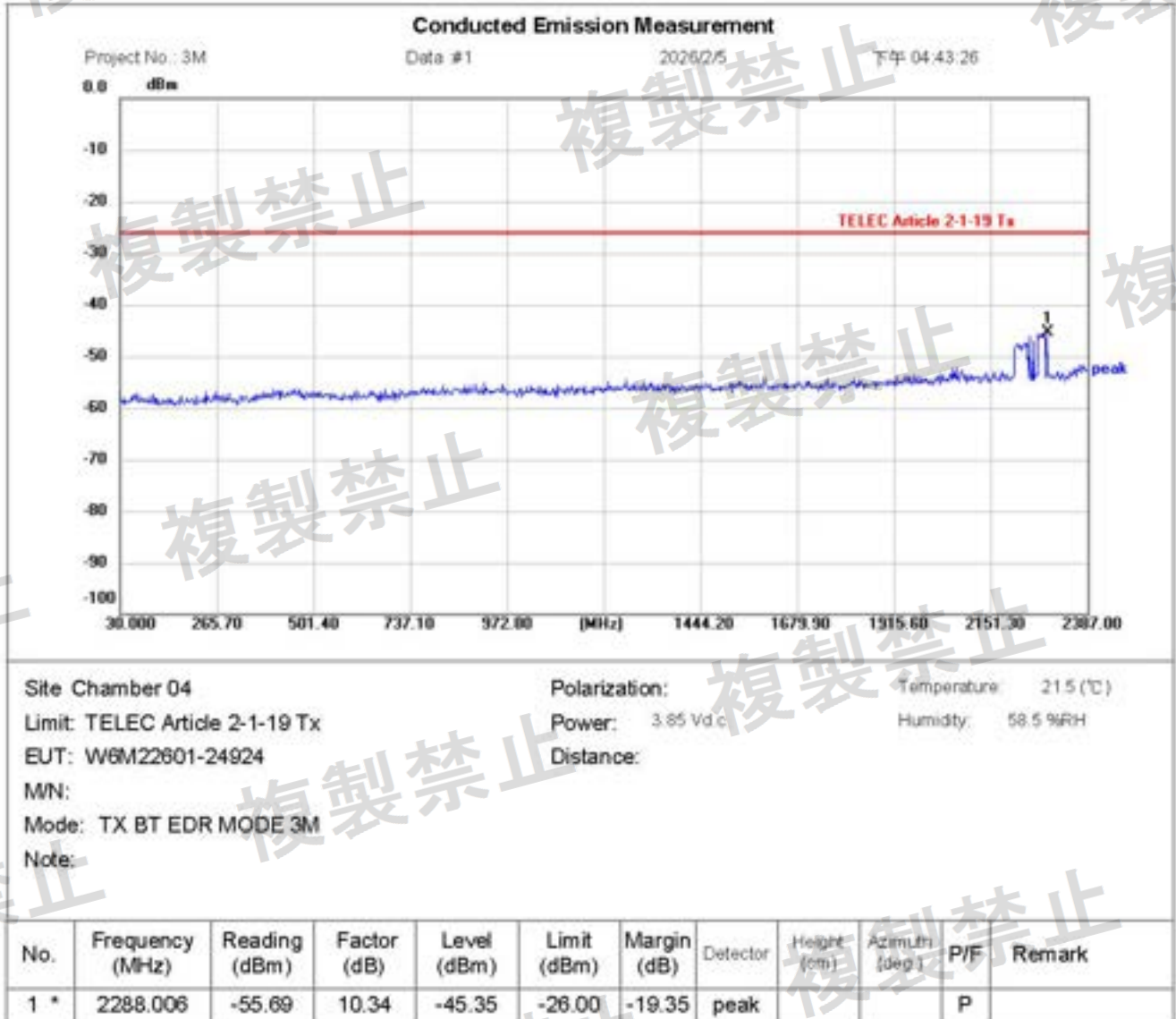


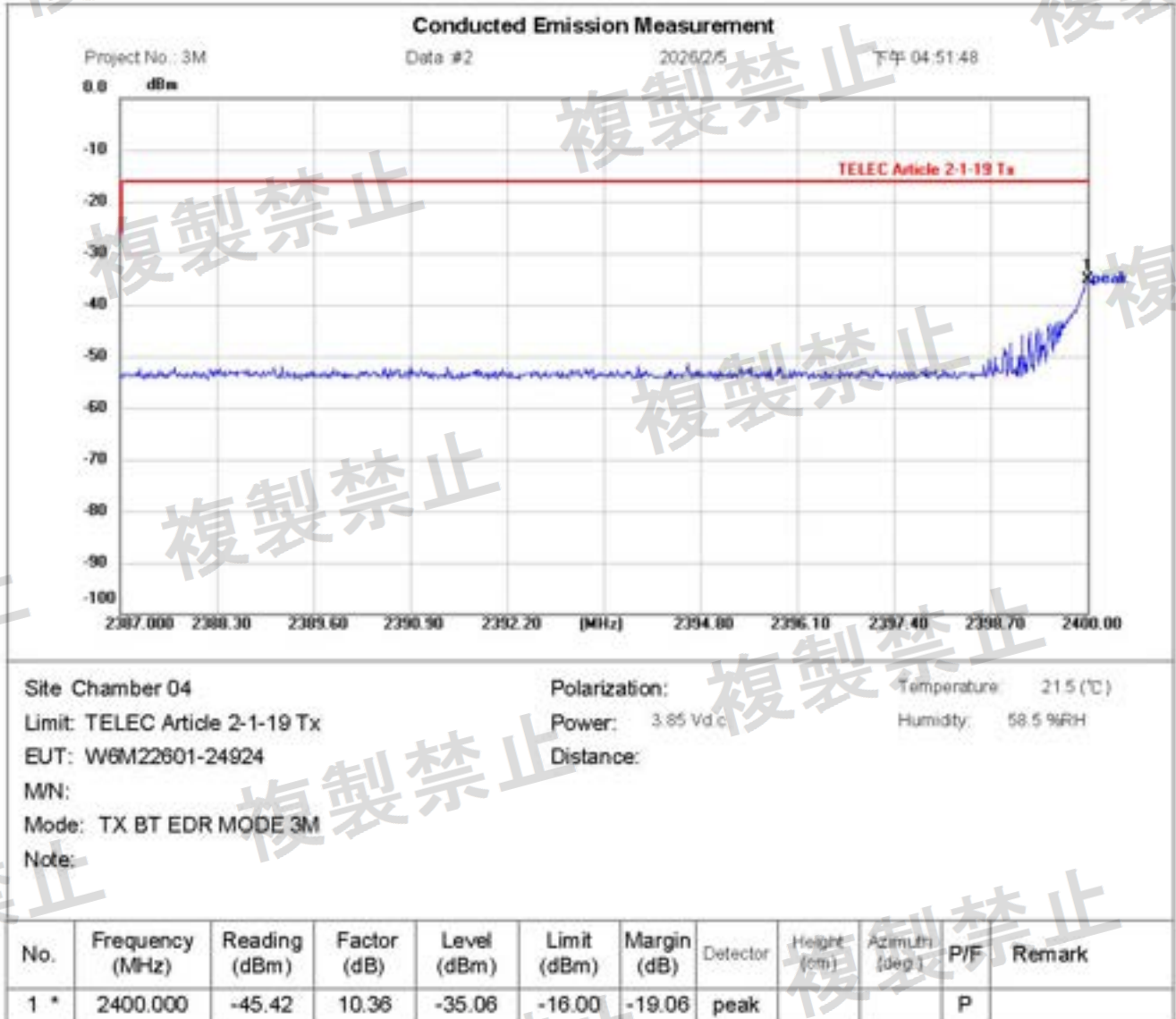
Worldwide Testing Services(Taiwan) Co., Ltd.





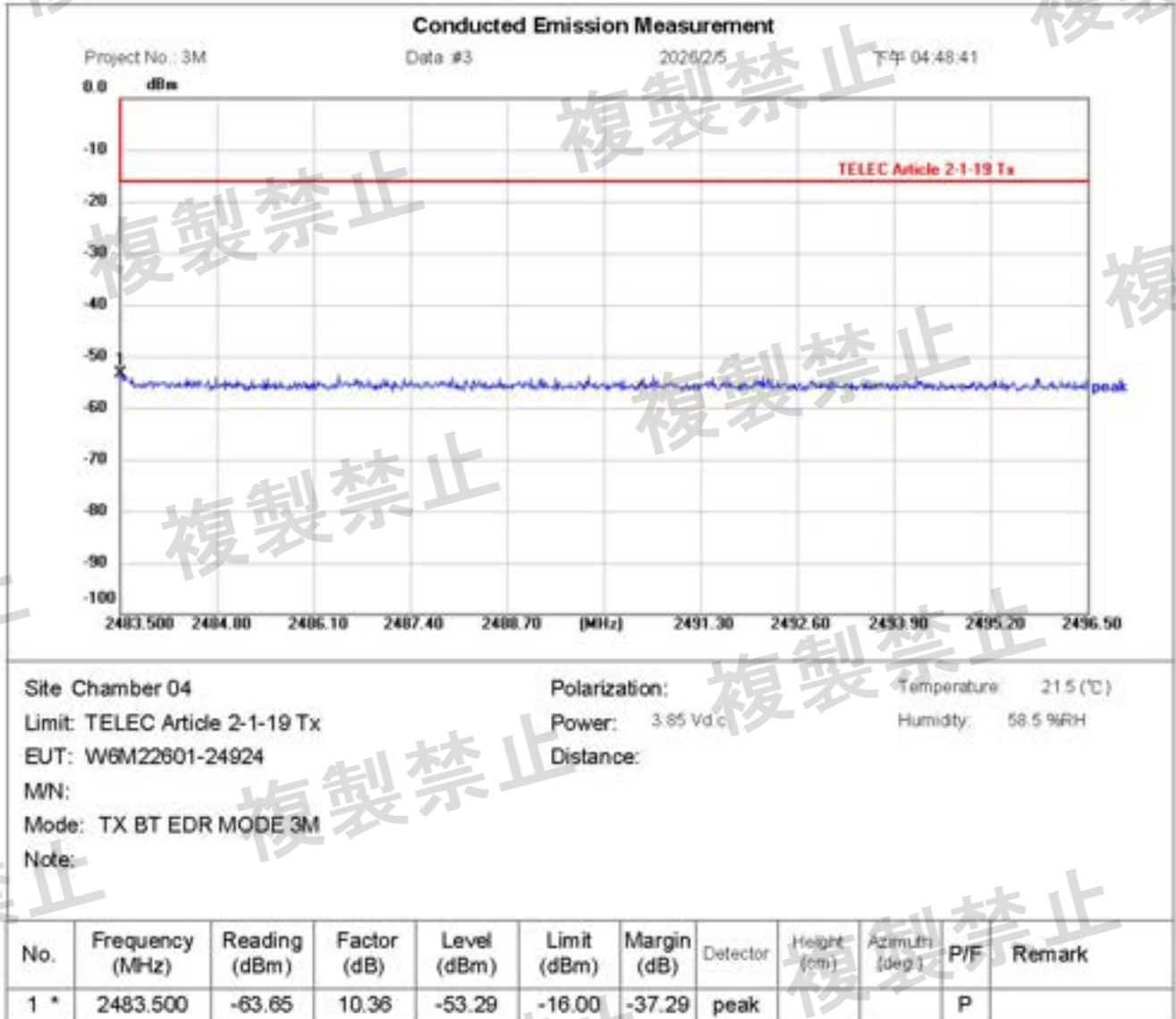
Worldwide Testing Services(Taiwan) Co., Ltd.





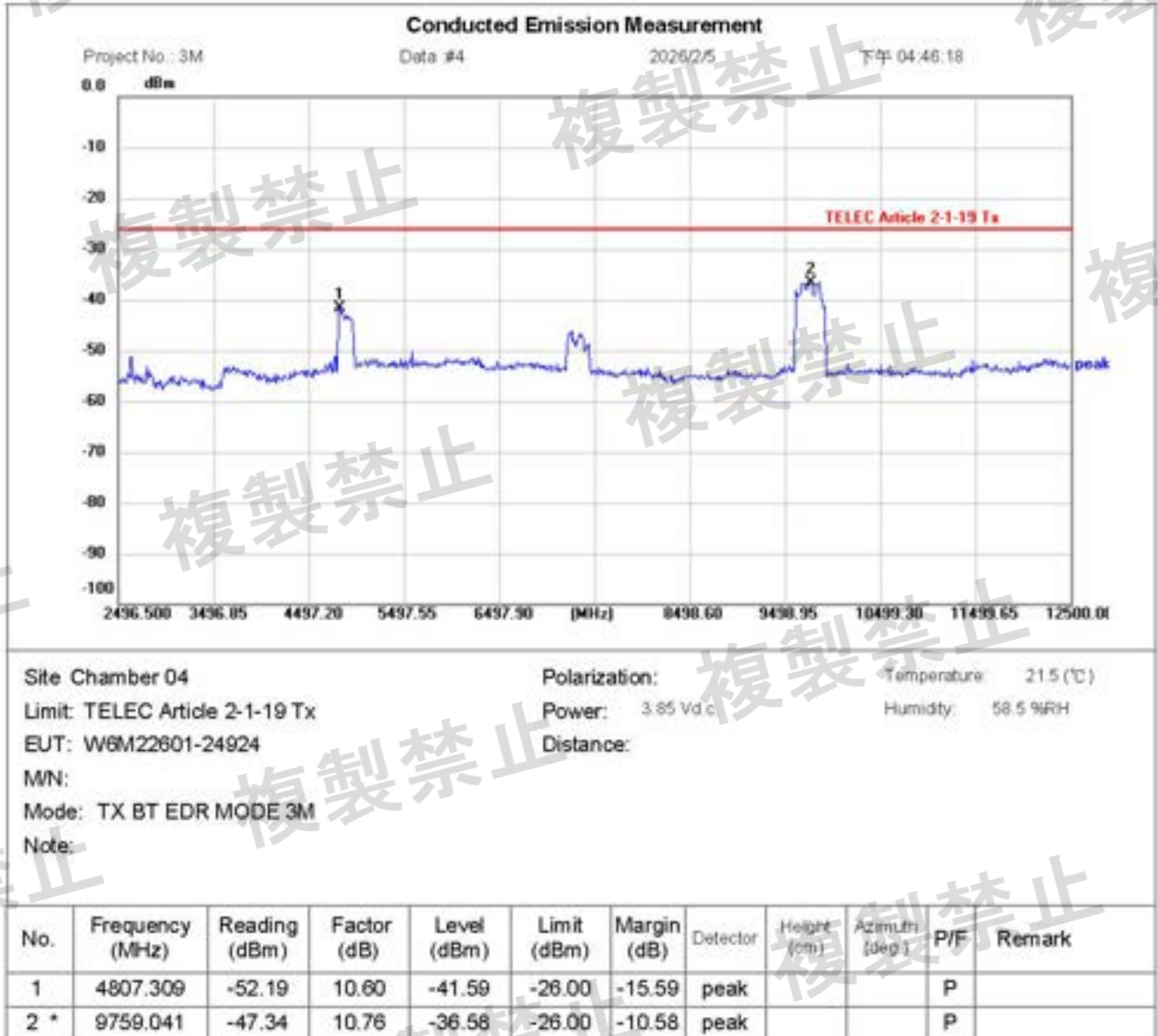


Worldwide Testing Services(Taiwan) Co., Ltd.



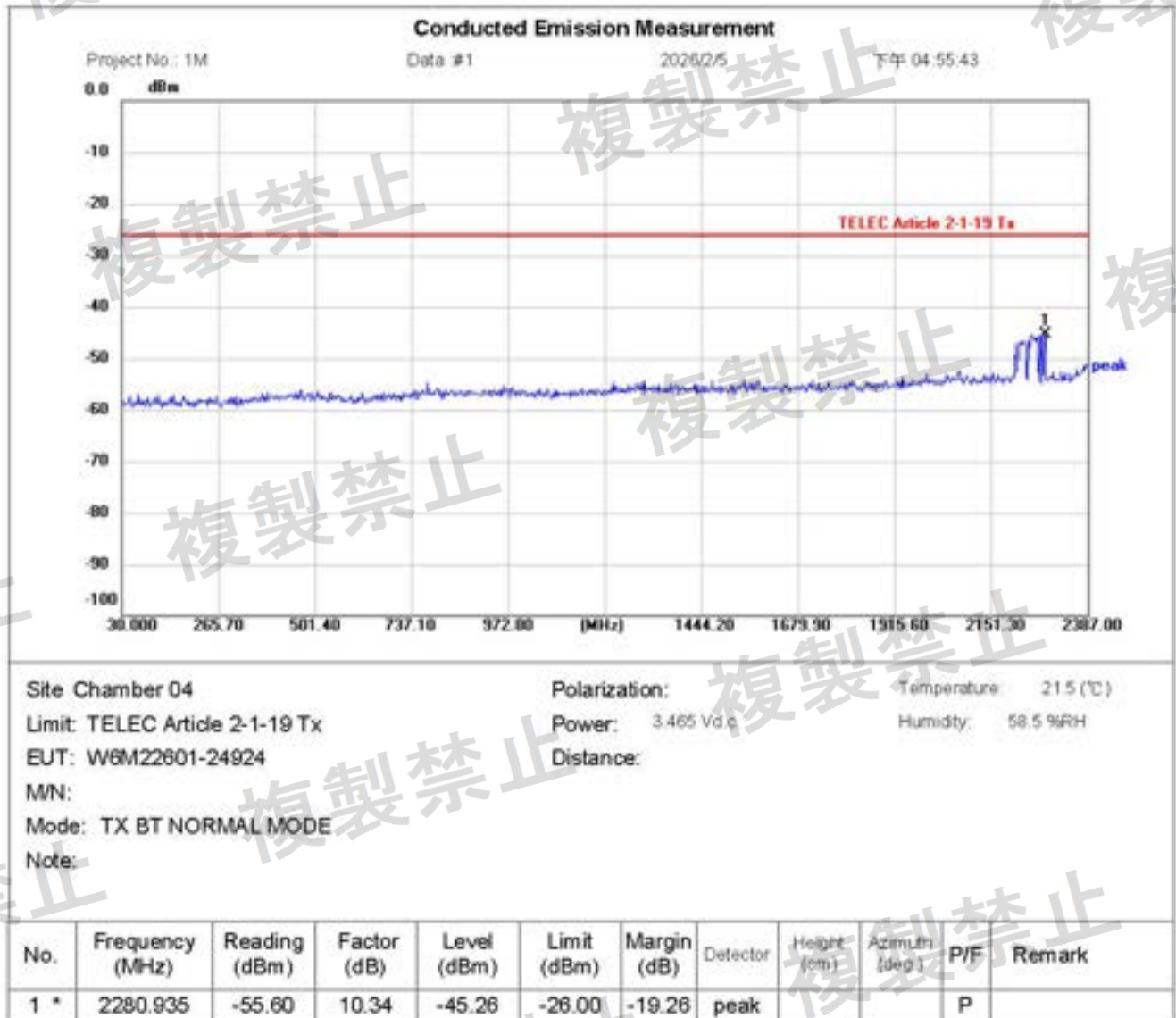


Worldwide Testing Services(Taiwan) Co., Ltd.



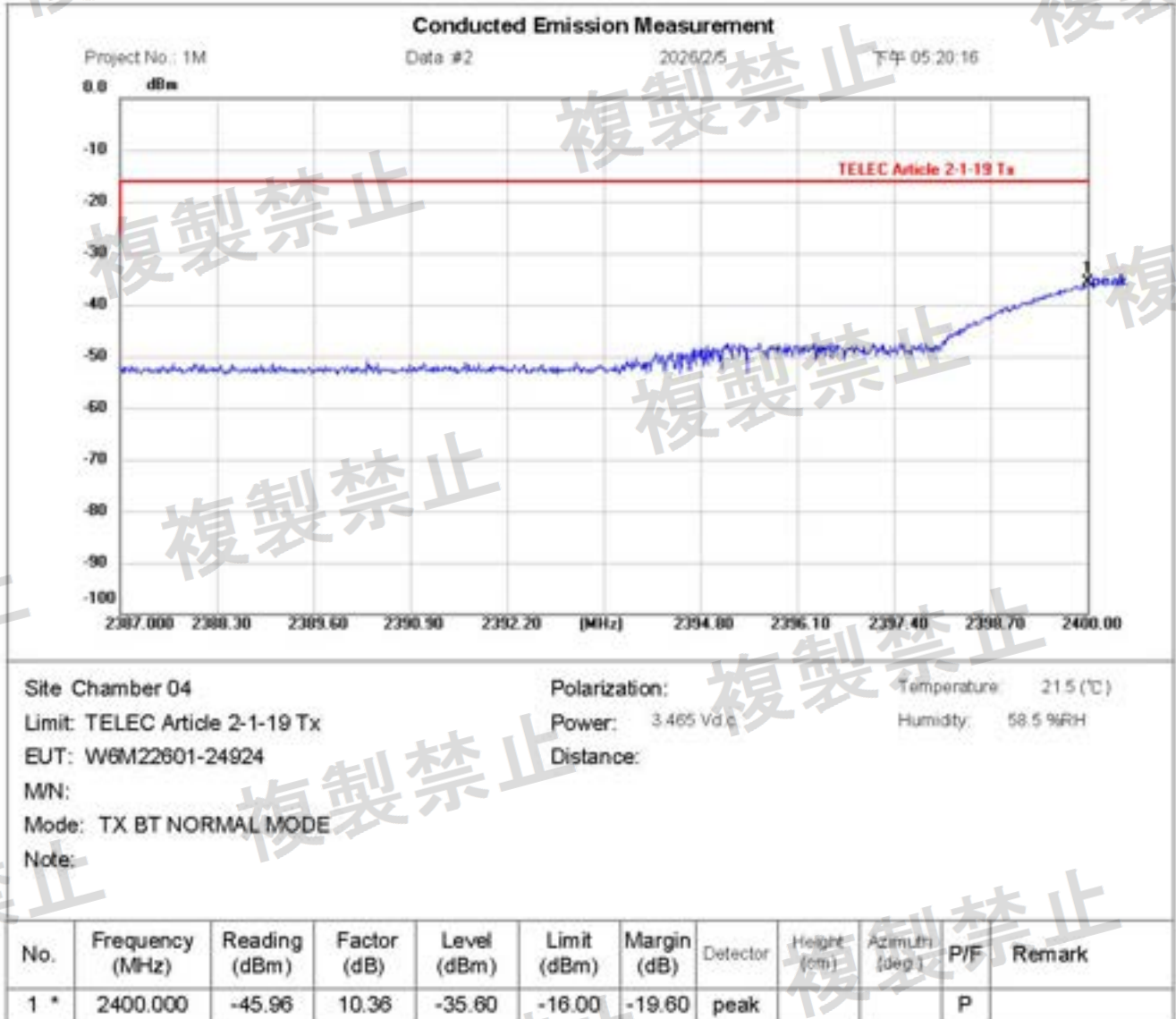


Worldwide Testing Services(Taiwan) Co., Ltd.



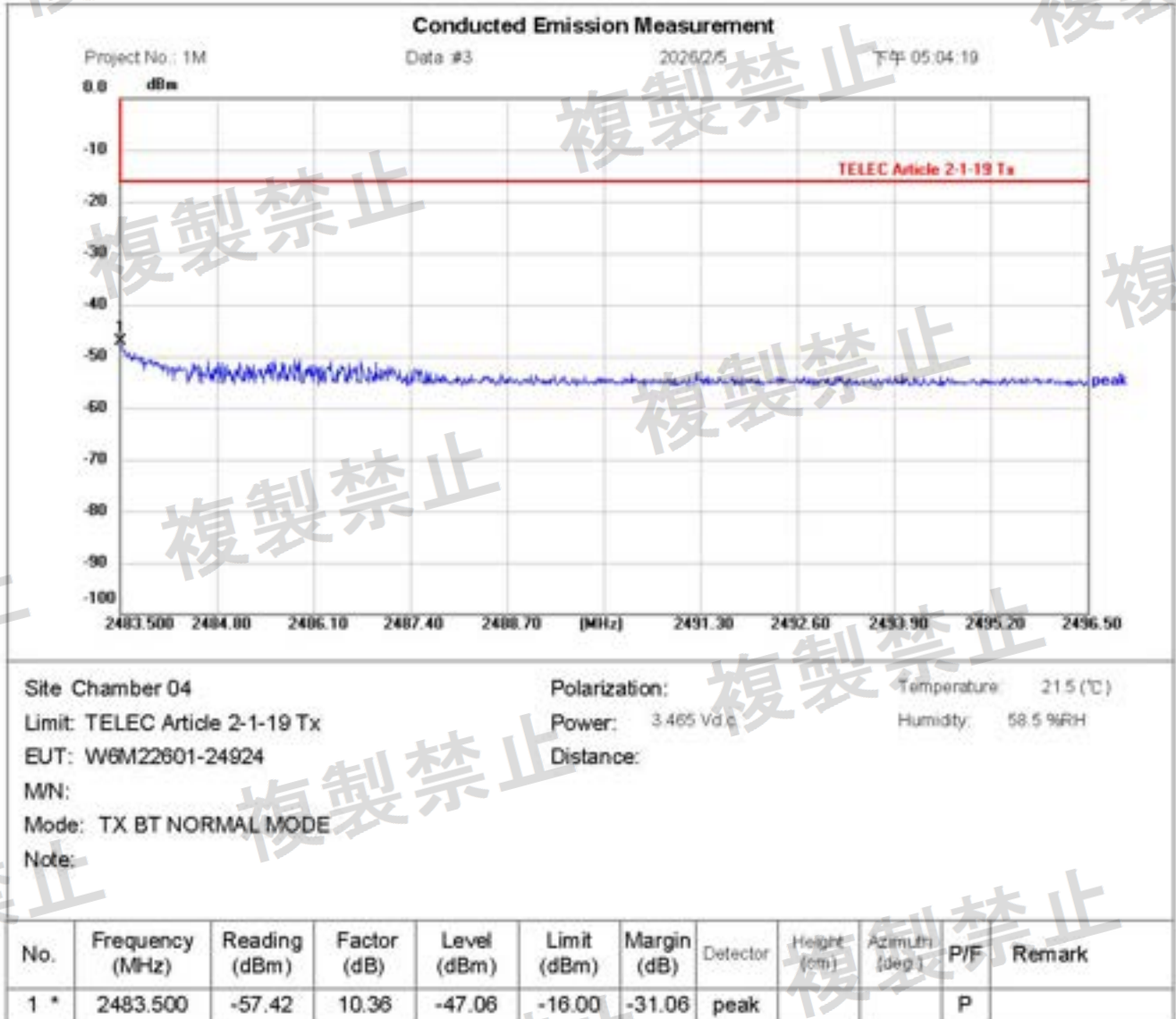


Worldwide Testing Services(Taiwan) Co., Ltd.



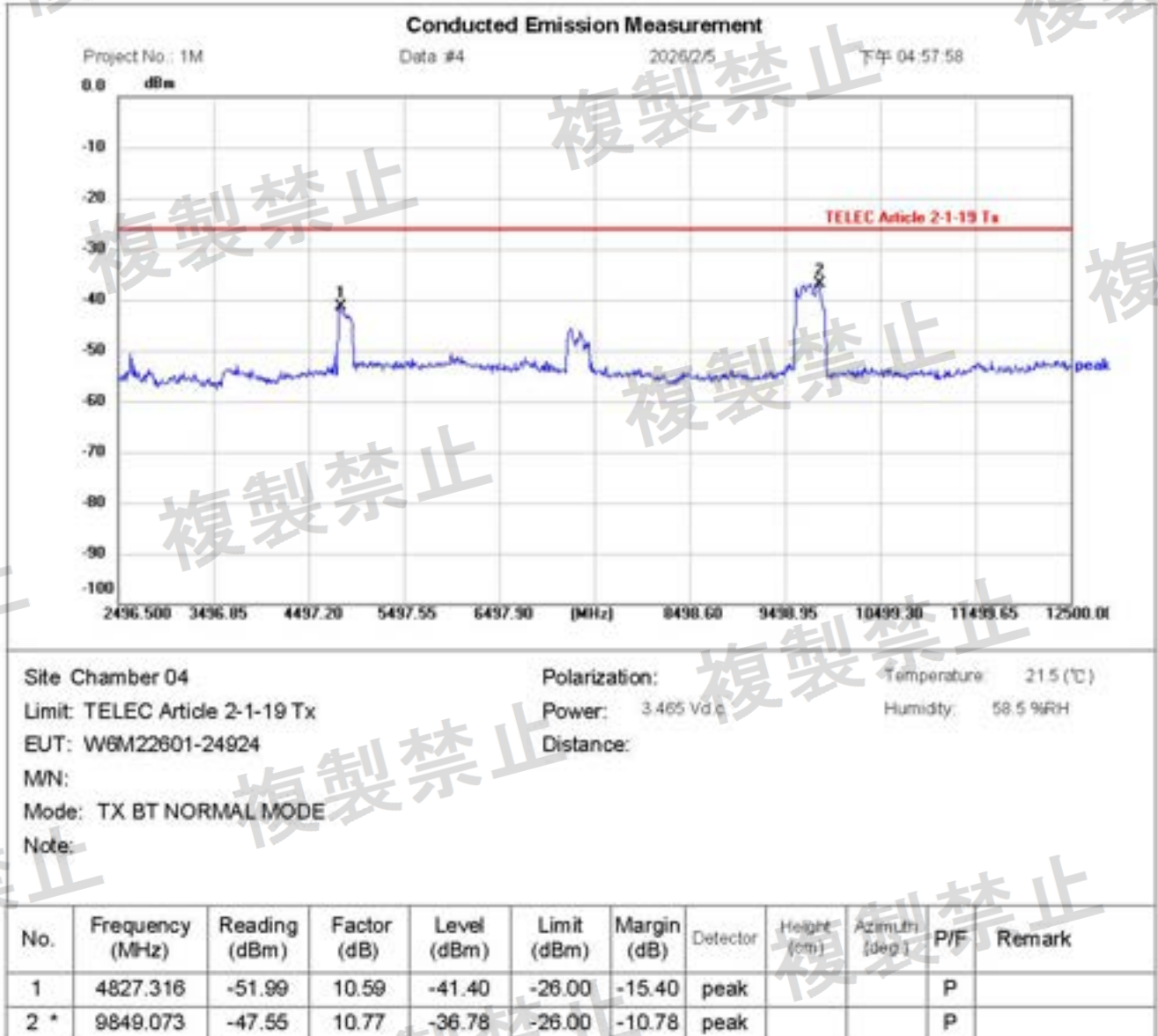


Worldwide Testing Services(Taiwan) Co., Ltd.



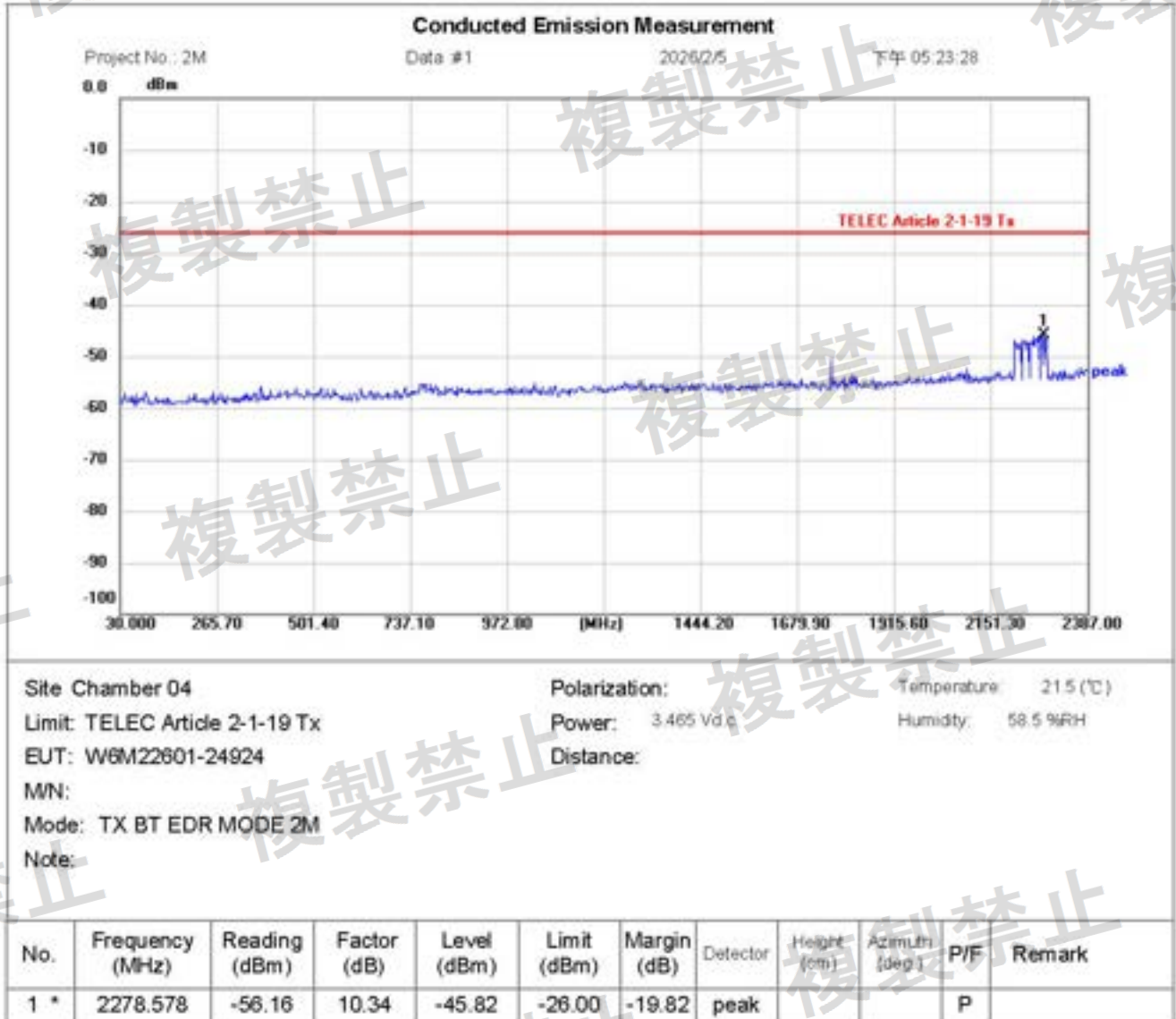


Worldwide Testing Services(Taiwan) Co., Ltd.



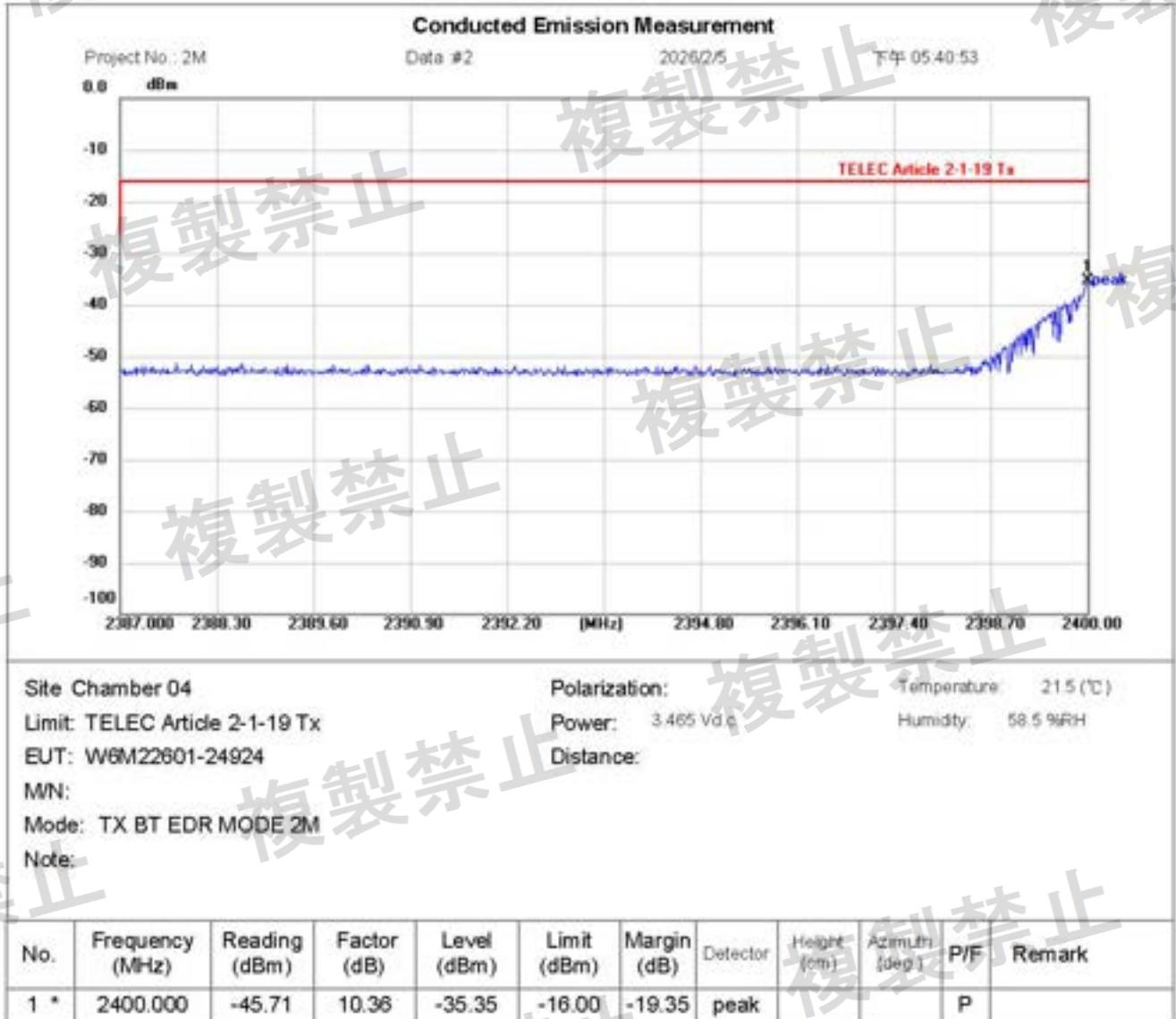


Worldwide Testing Services(Taiwan) Co., Ltd.



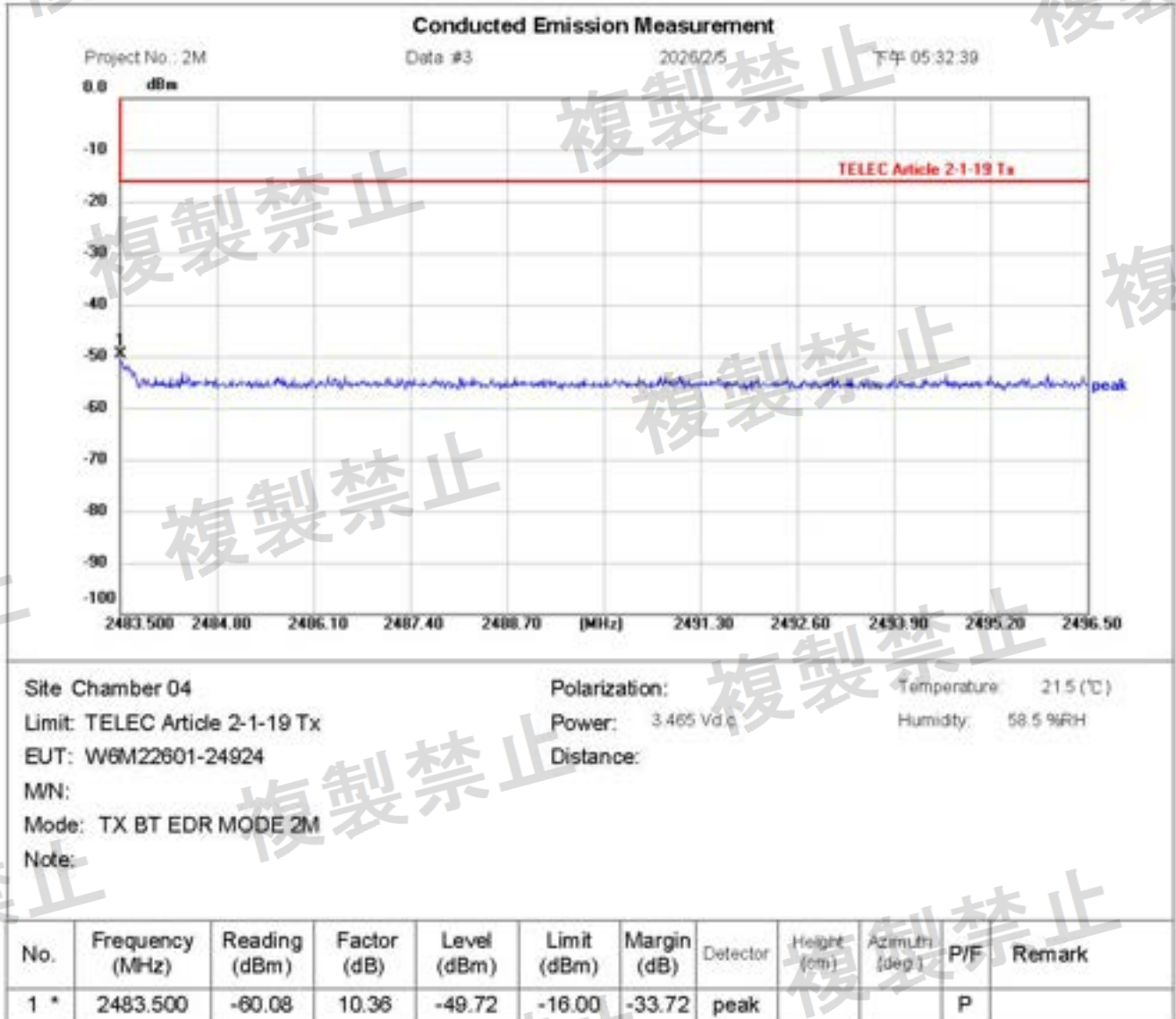


Worldwide Testing Services(Taiwan) Co., Ltd.



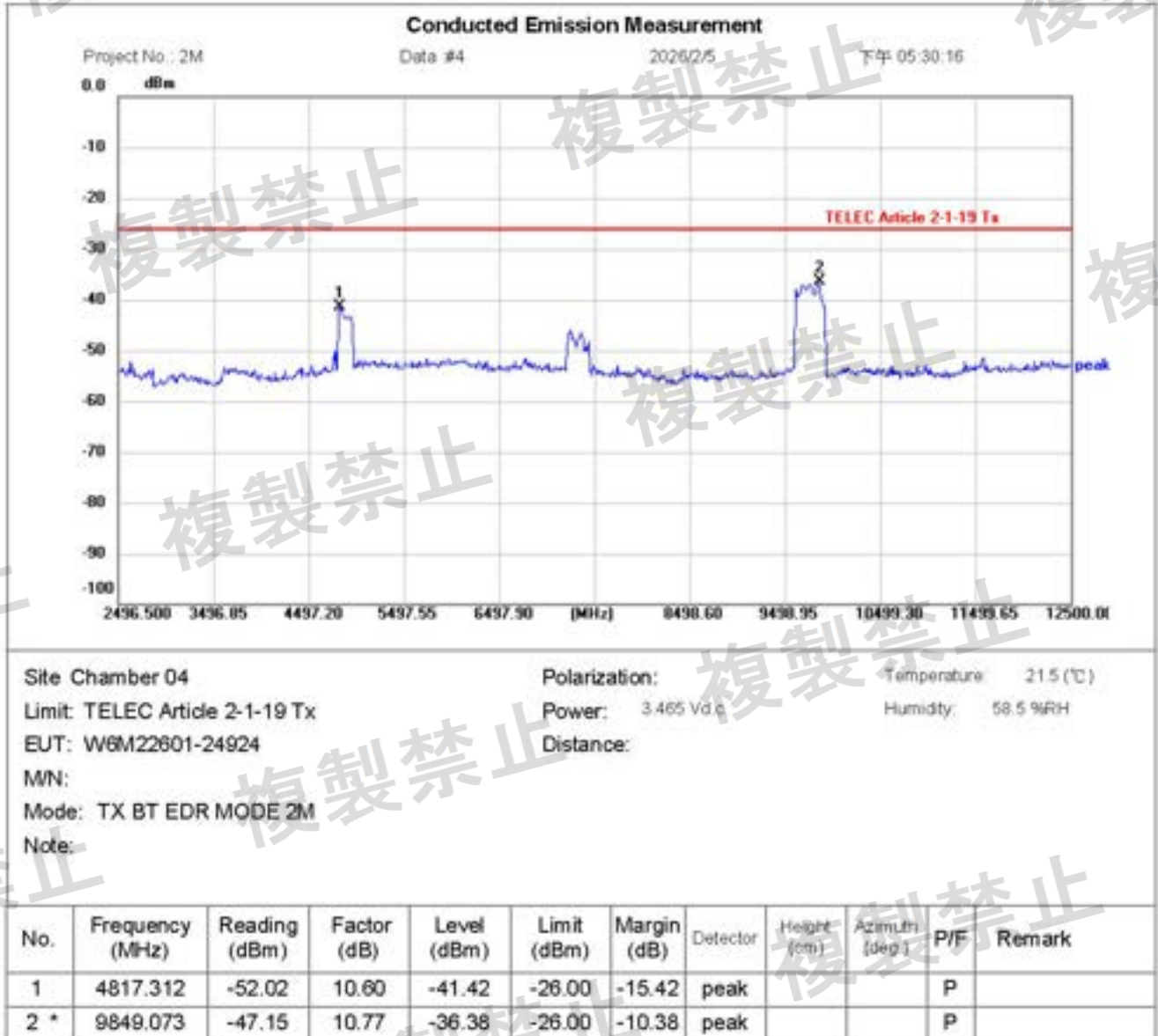


Worldwide Testing Services(Taiwan) Co., Ltd.



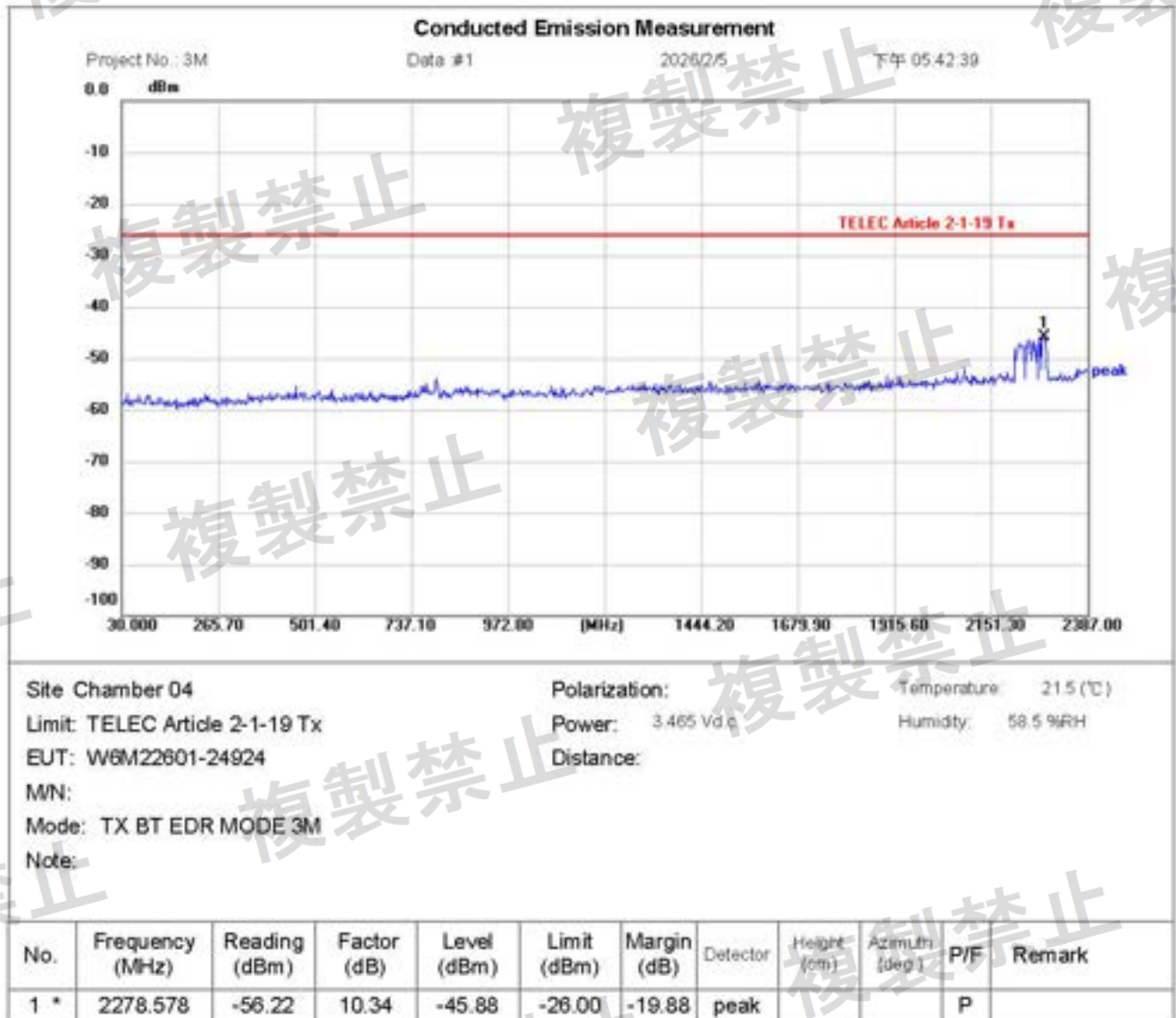


Worldwide Testing Services(Taiwan) Co., Ltd.



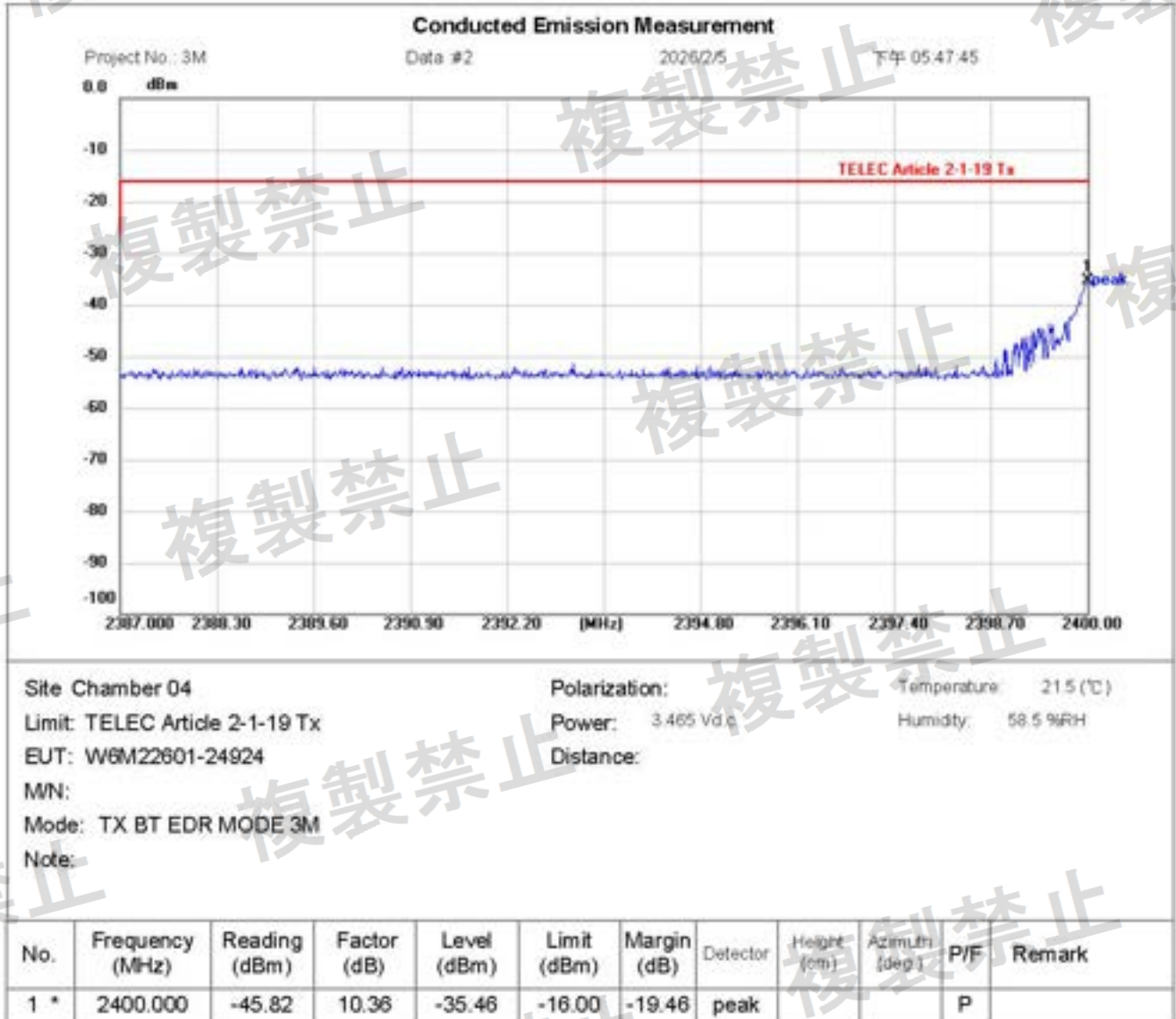


Worldwide Testing Services(Taiwan) Co., Ltd.



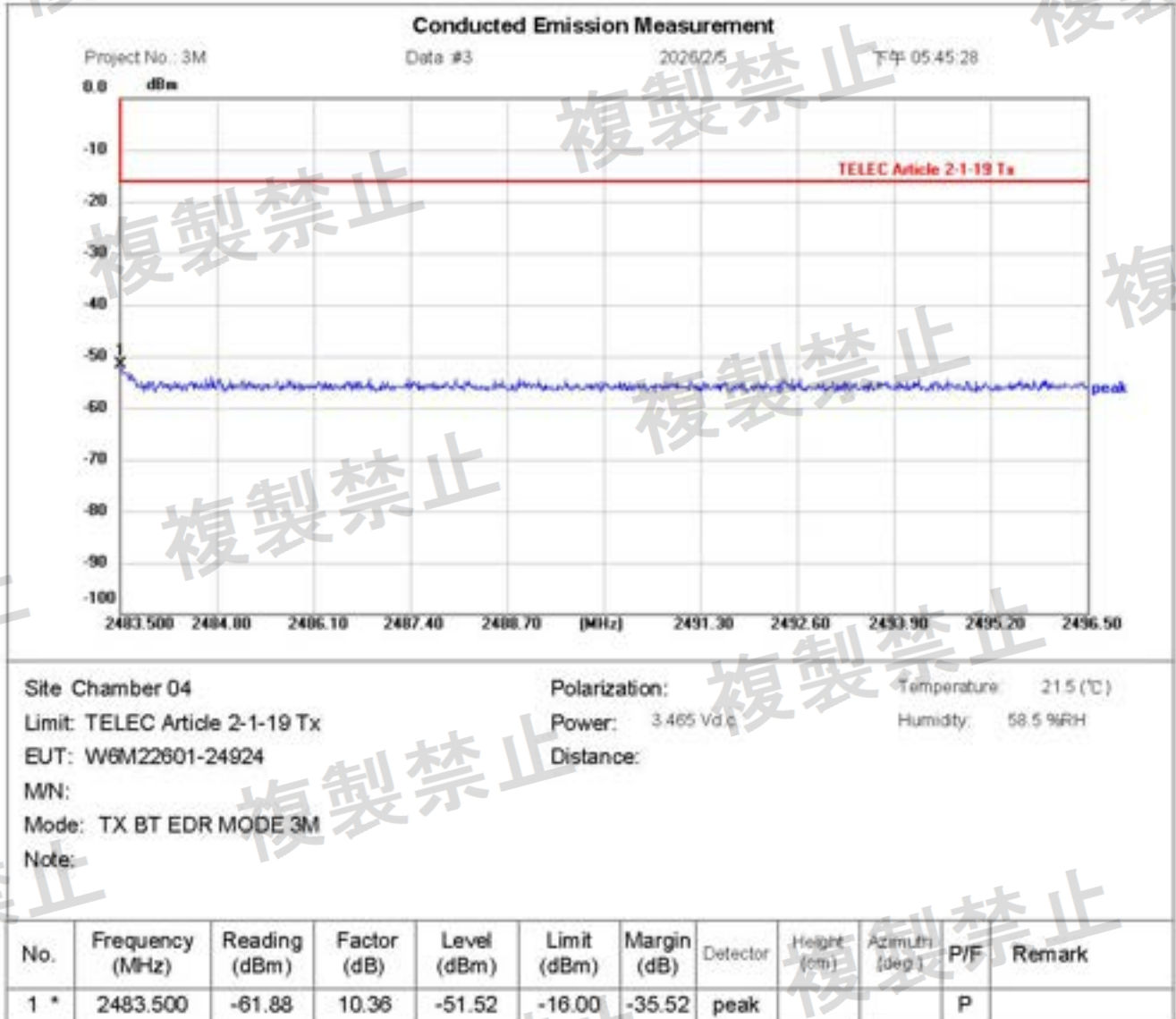


Worldwide Testing Services(Taiwan) Co., Ltd.



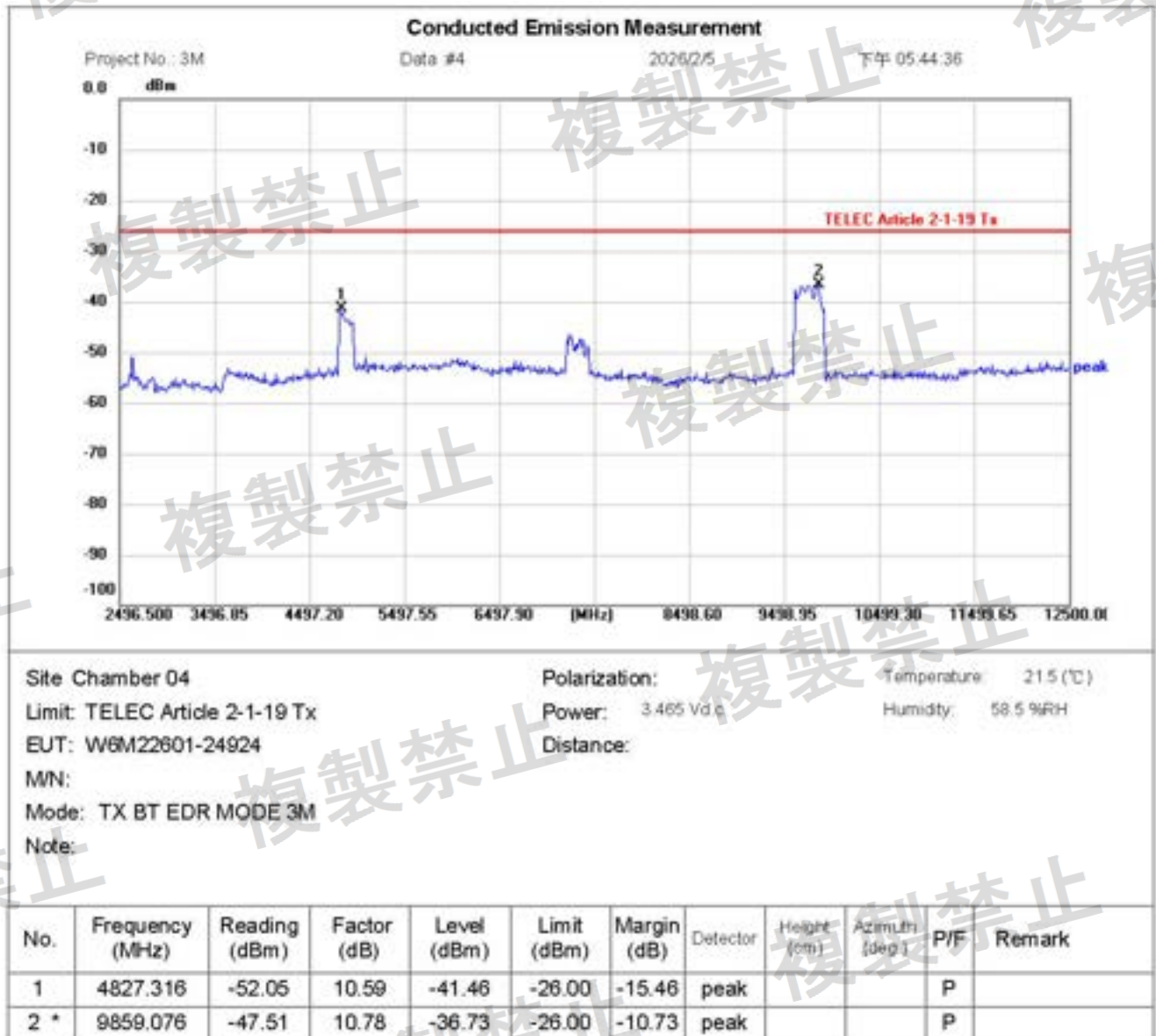


Worldwide Testing Services(Taiwan) Co., Ltd.



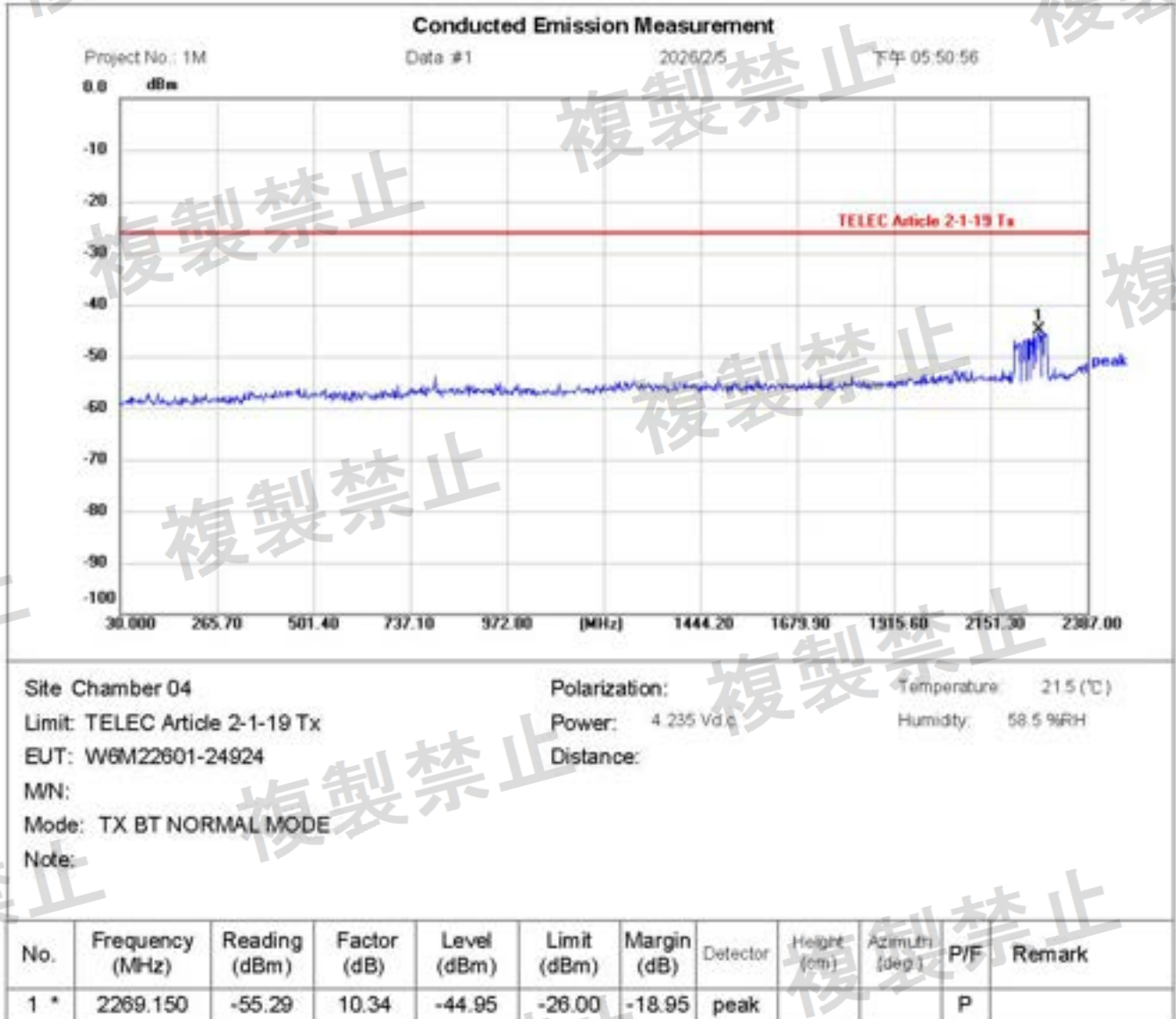


Worldwide Testing Services(Taiwan) Co., Ltd.



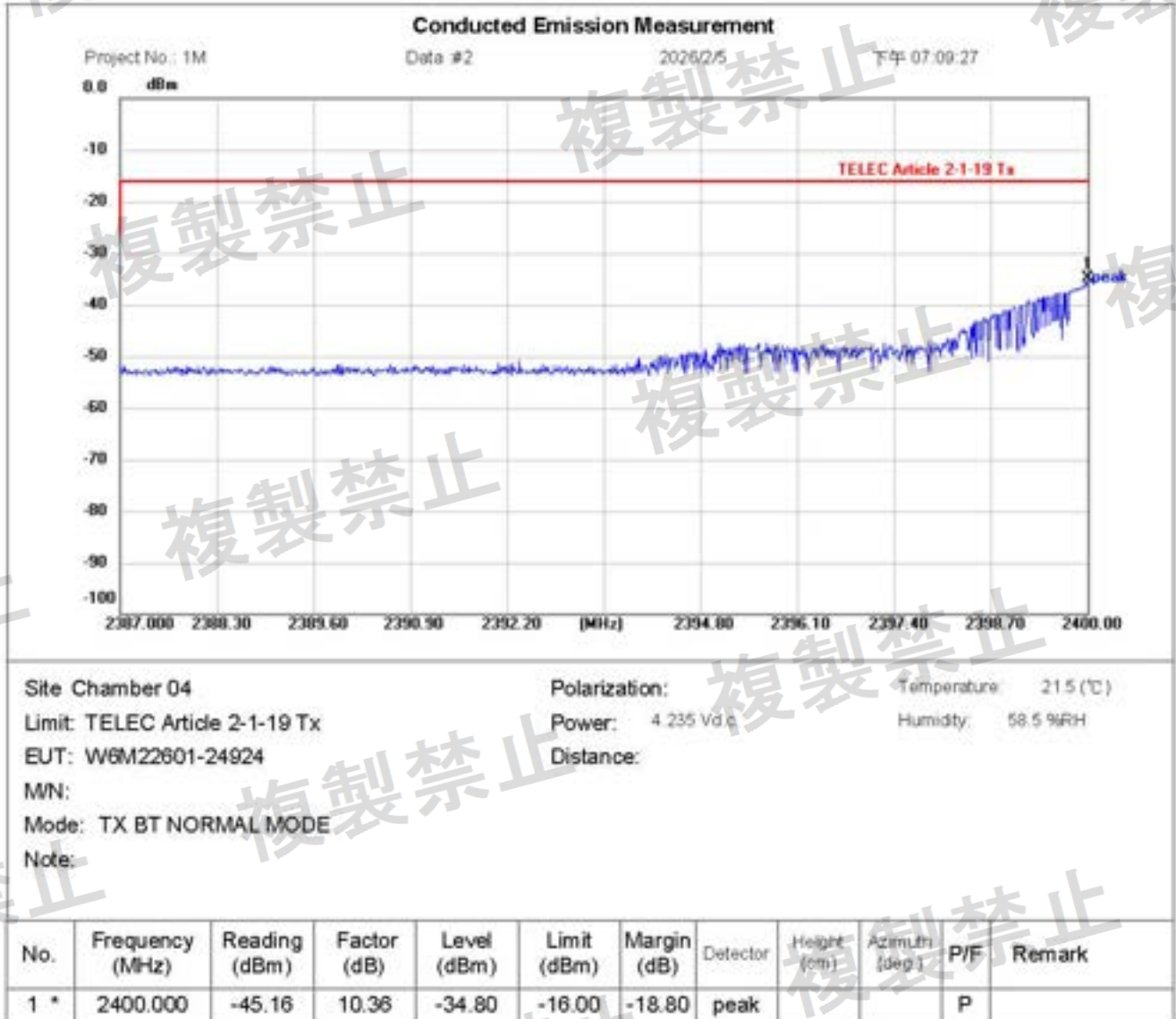


Worldwide Testing Services(Taiwan) Co., Ltd.



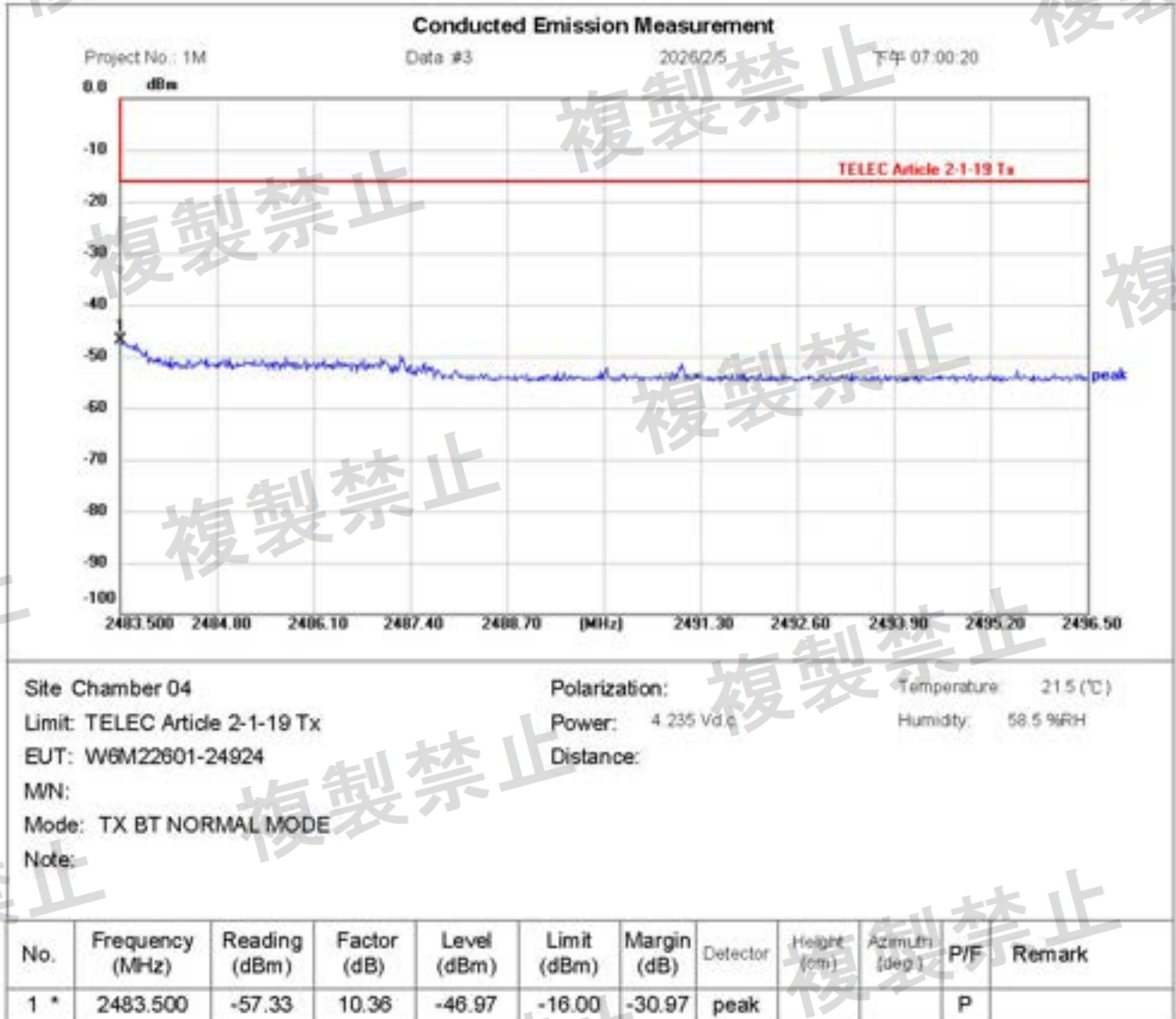


Worldwide Testing Services(Taiwan) Co., Ltd.



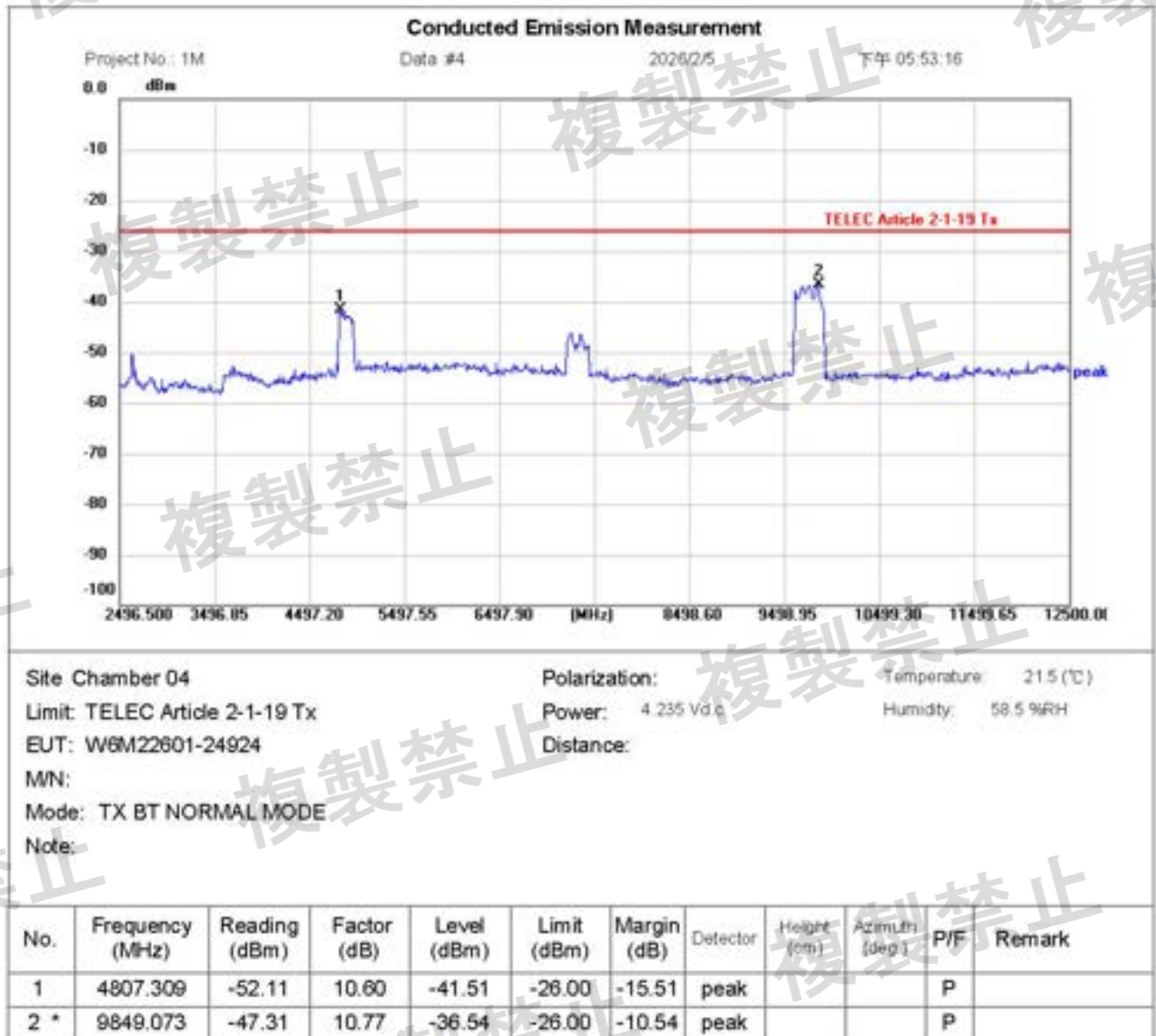


Worldwide Testing Services(Taiwan) Co., Ltd.



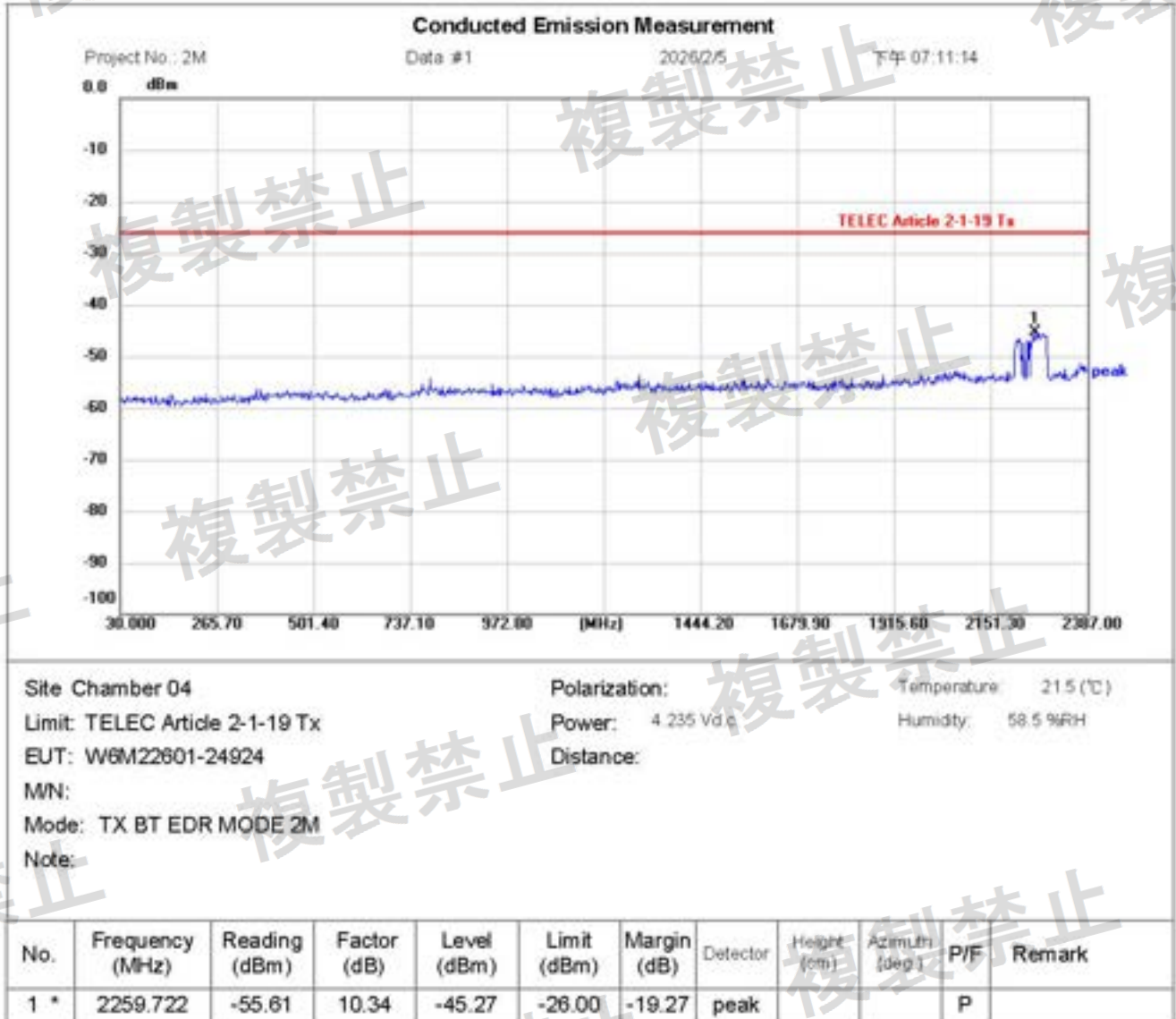


Worldwide Testing Services(Taiwan) Co., Ltd.



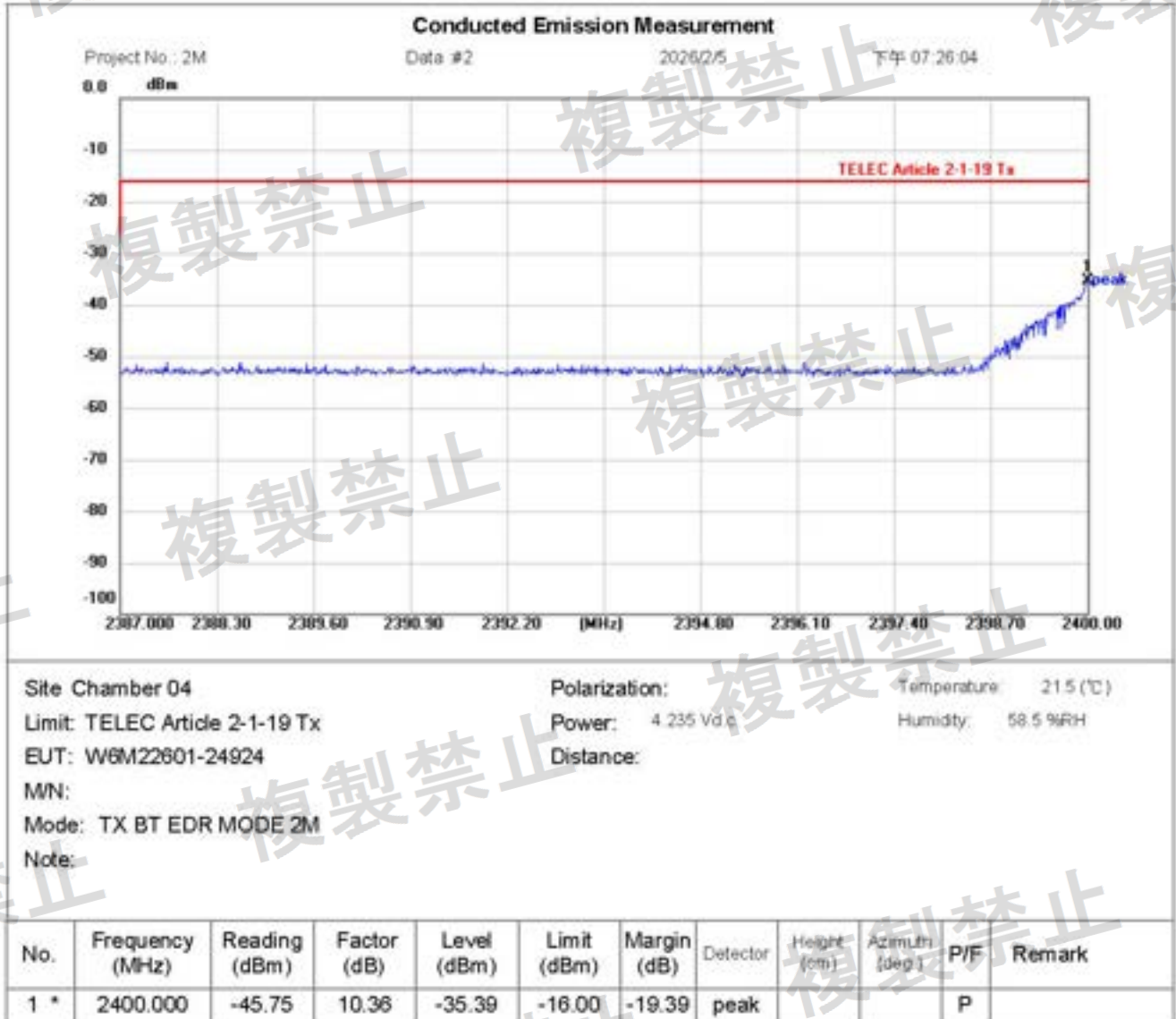


Worldwide Testing Services(Taiwan) Co., Ltd.



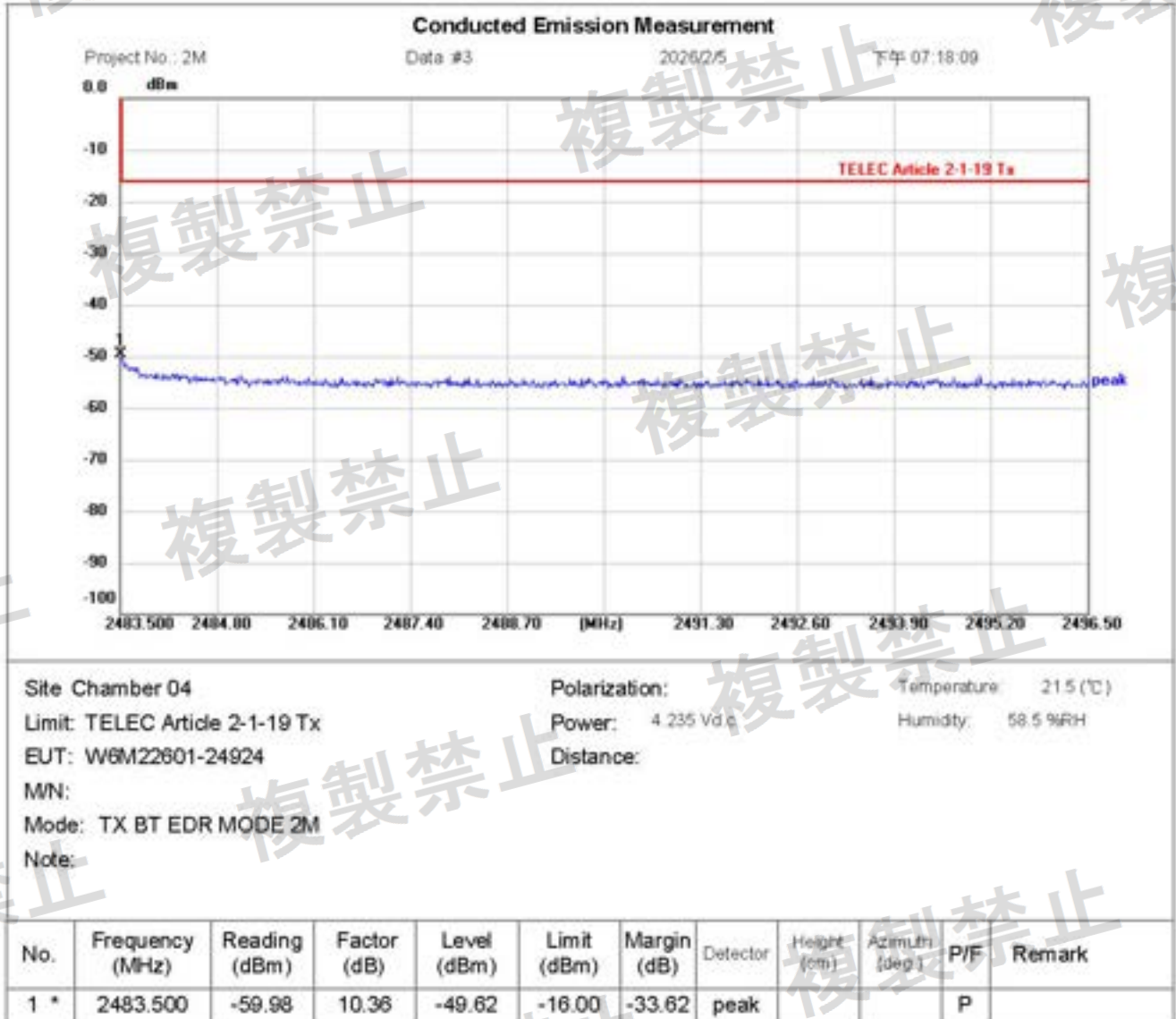


Worldwide Testing Services(Taiwan) Co., Ltd.



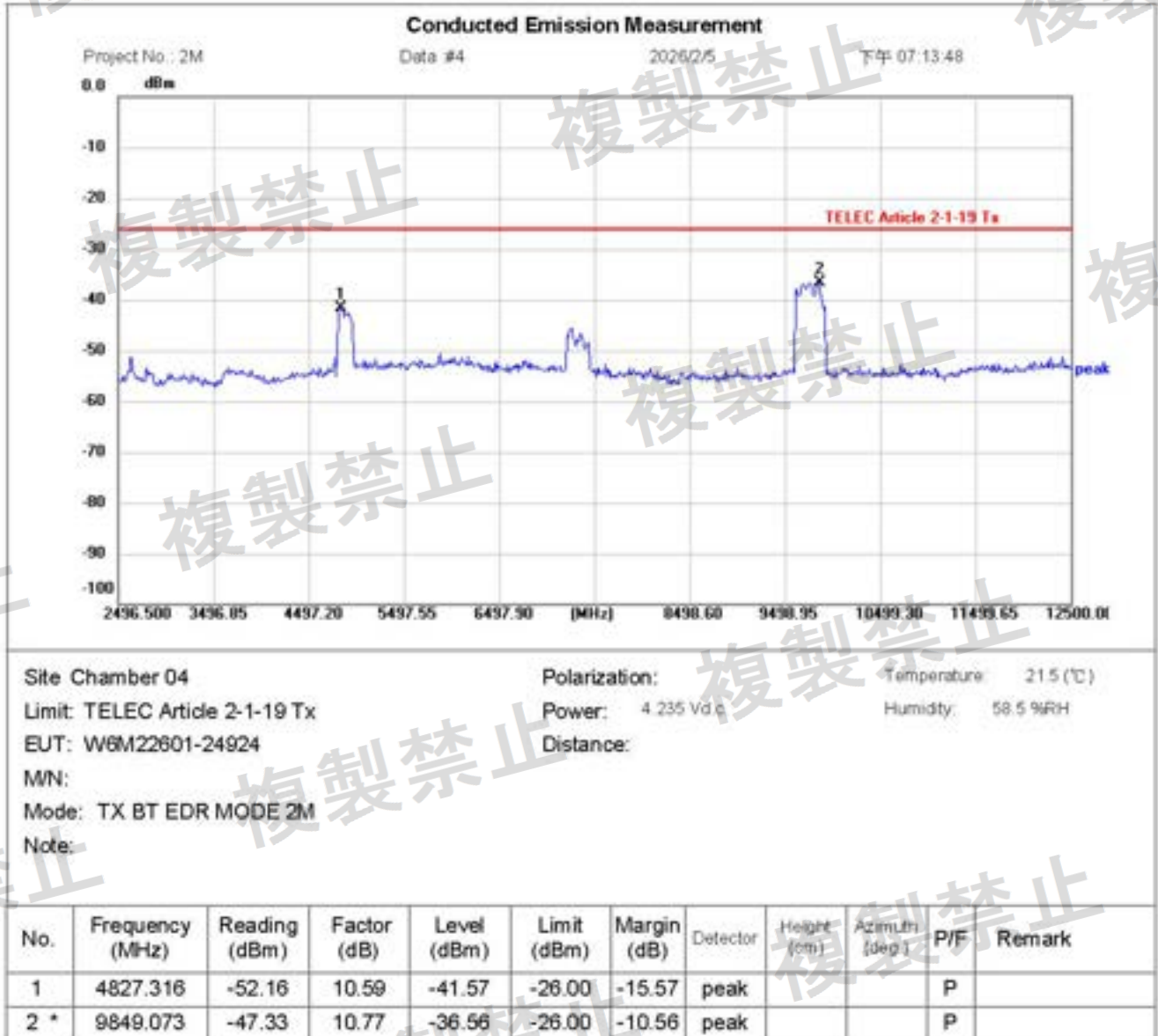


Worldwide Testing Services(Taiwan) Co., Ltd.



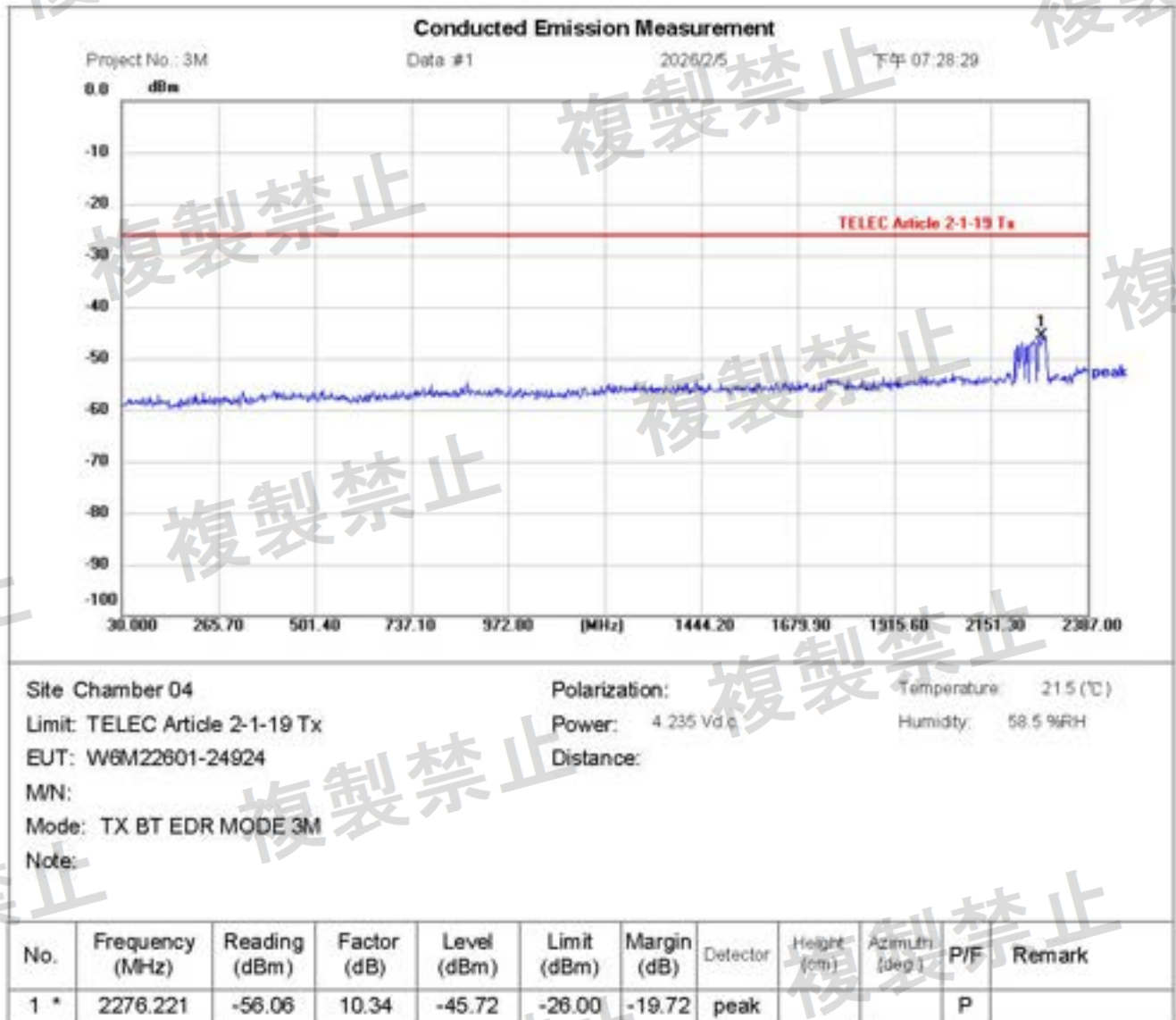


Worldwide Testing Services(Taiwan) Co., Ltd.



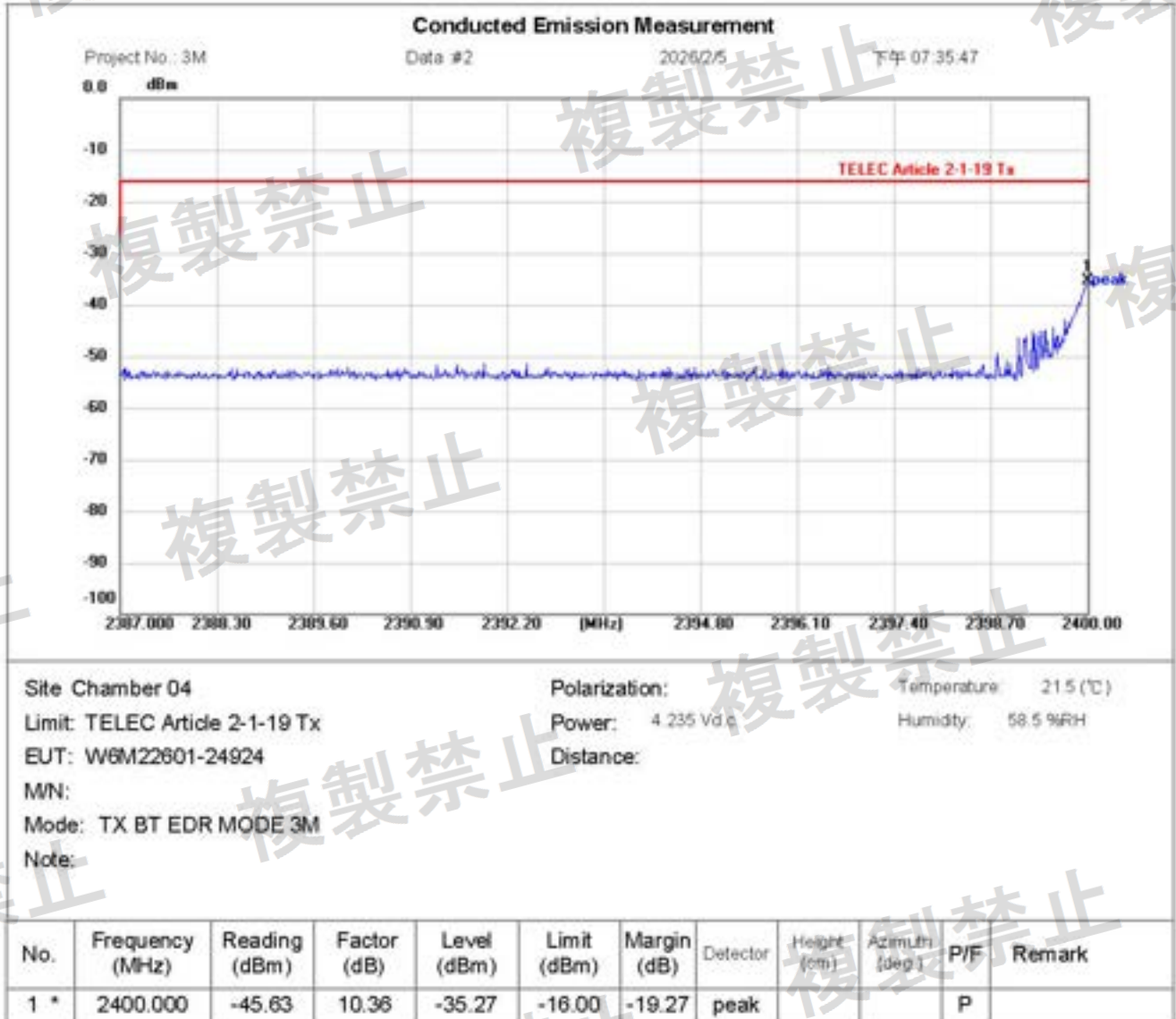


Worldwide Testing Services(Taiwan) Co., Ltd.



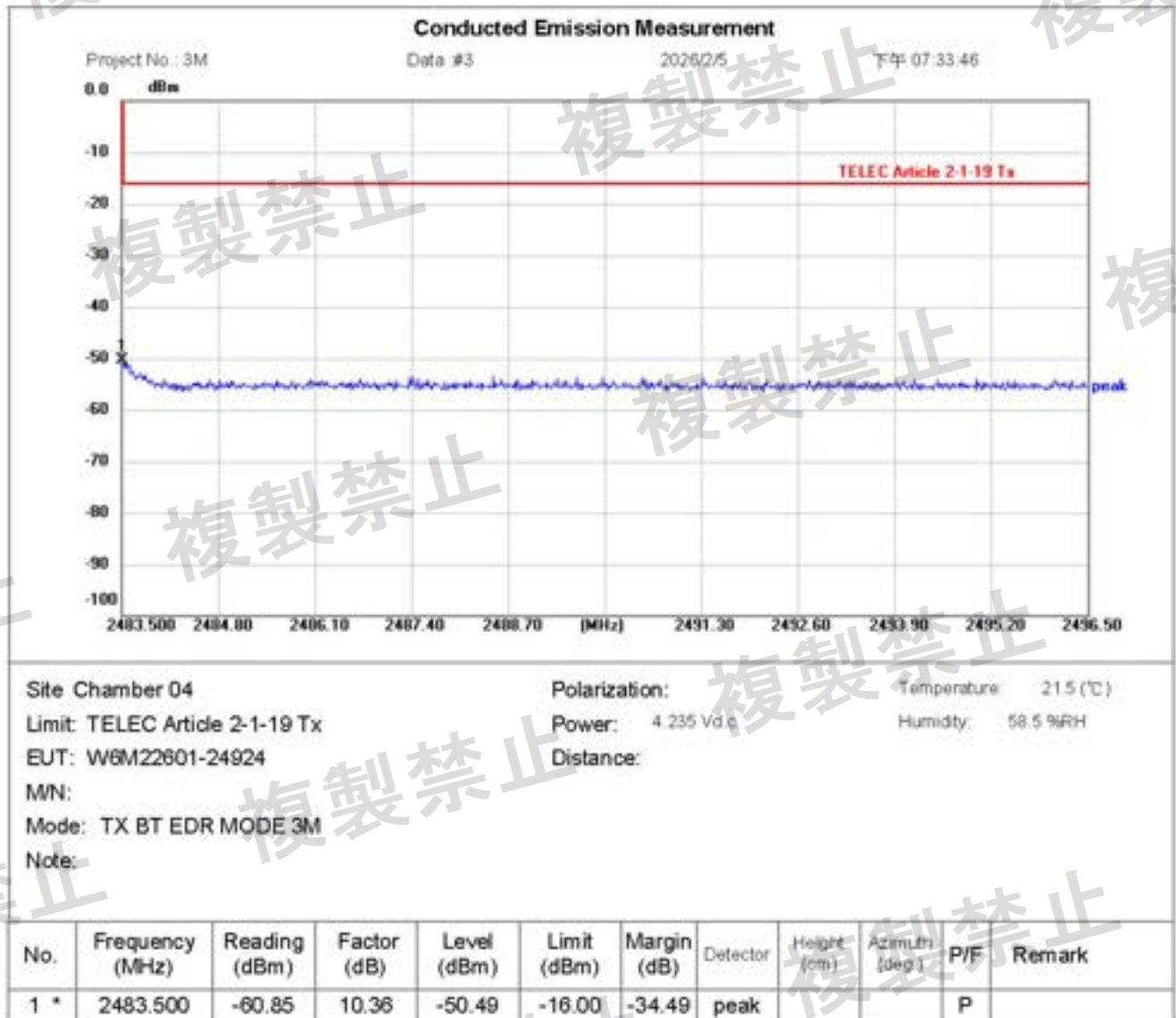


Worldwide Testing Services(Taiwan) Co., Ltd.



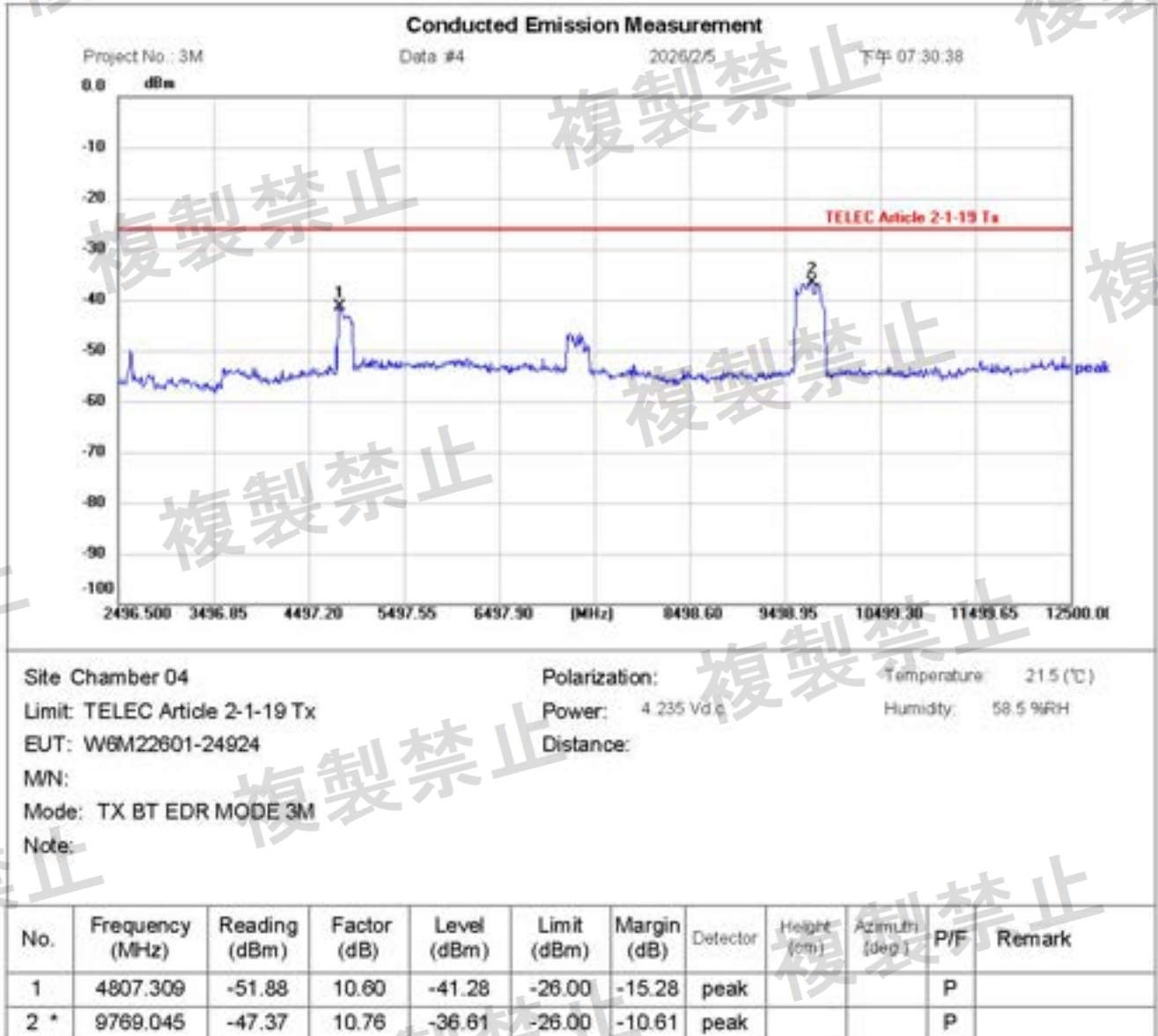


Worldwide Testing Services(Taiwan) Co., Ltd.



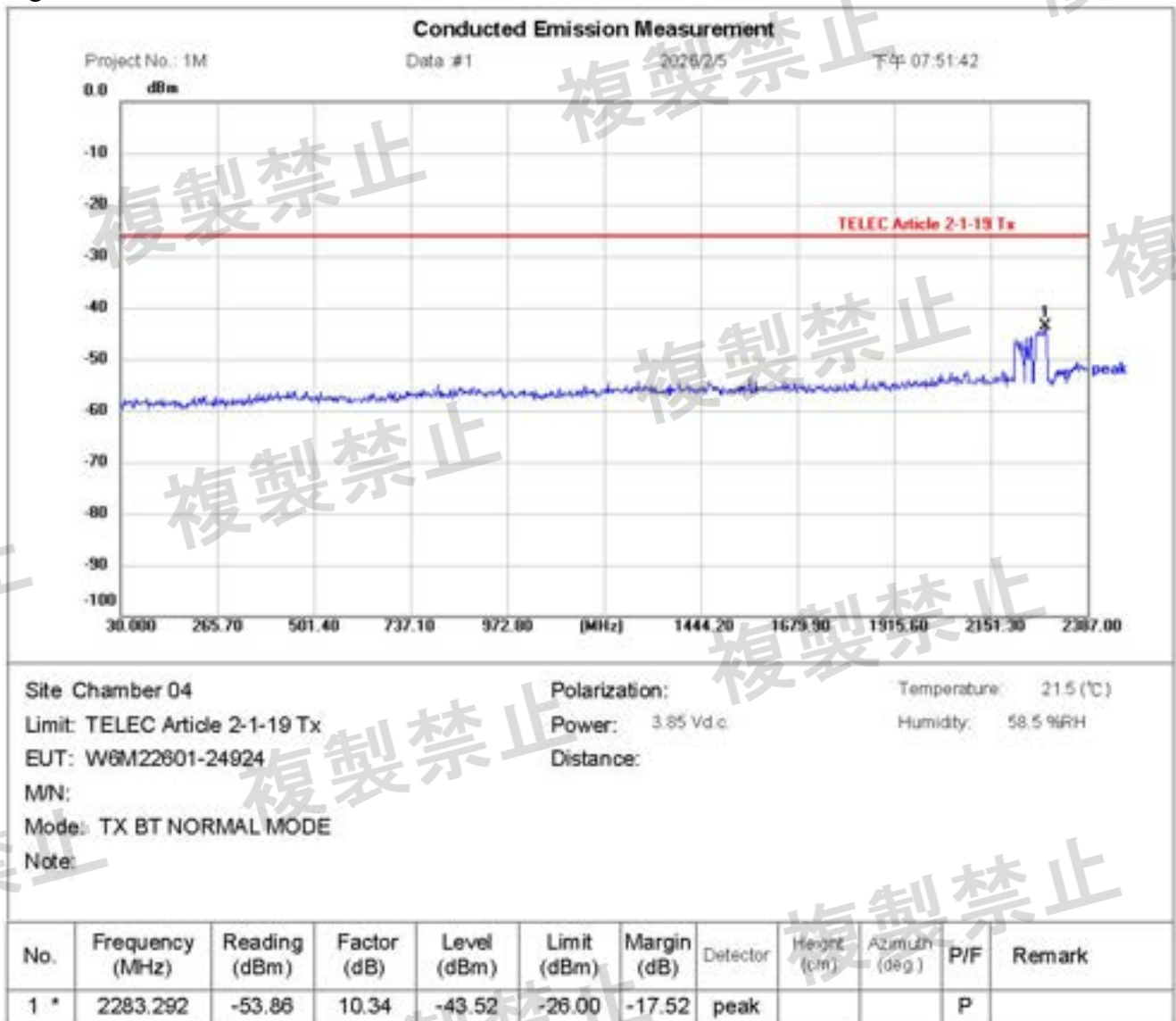


Worldwide Testing Services(Taiwan) Co., Ltd.



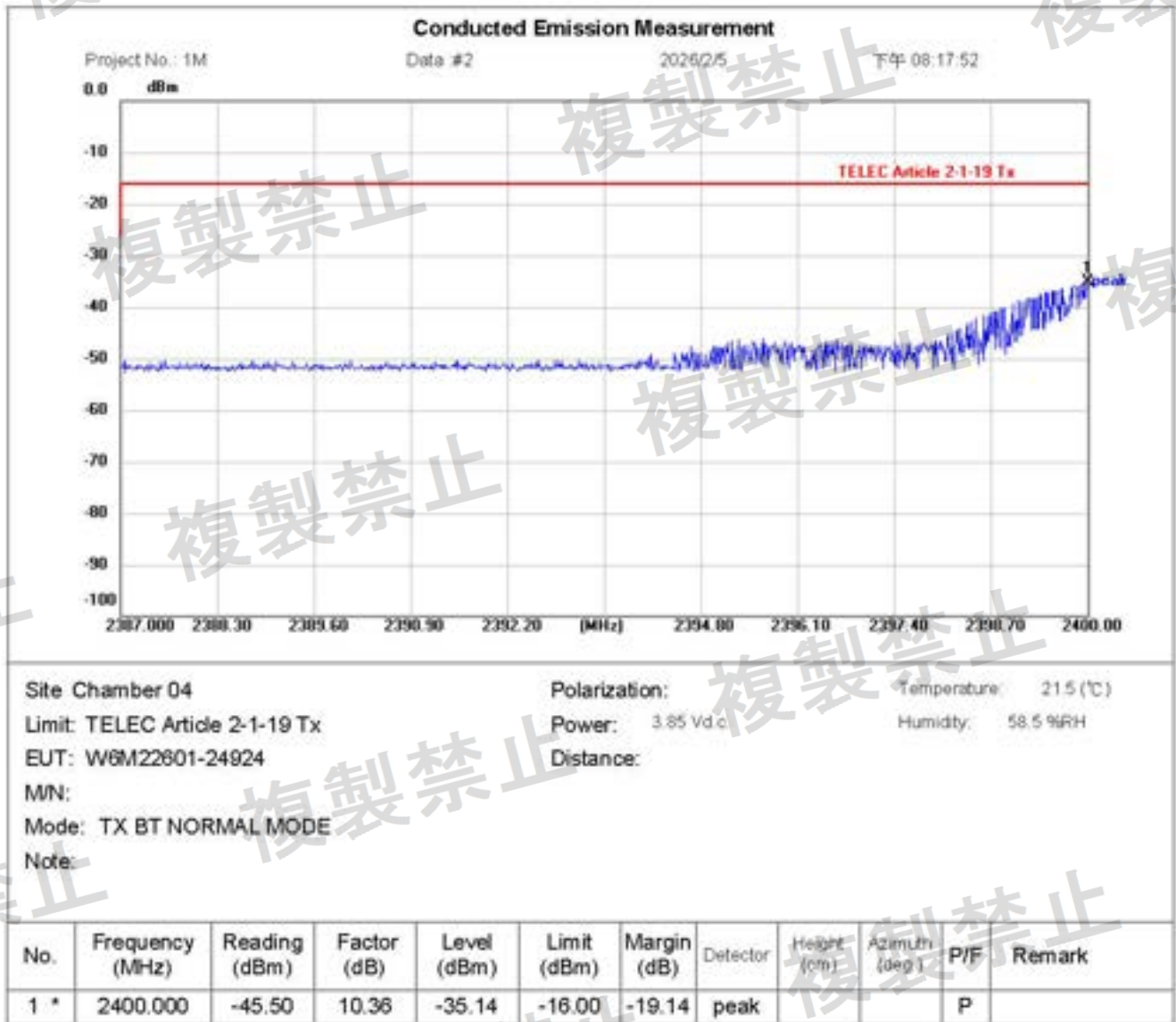


Right



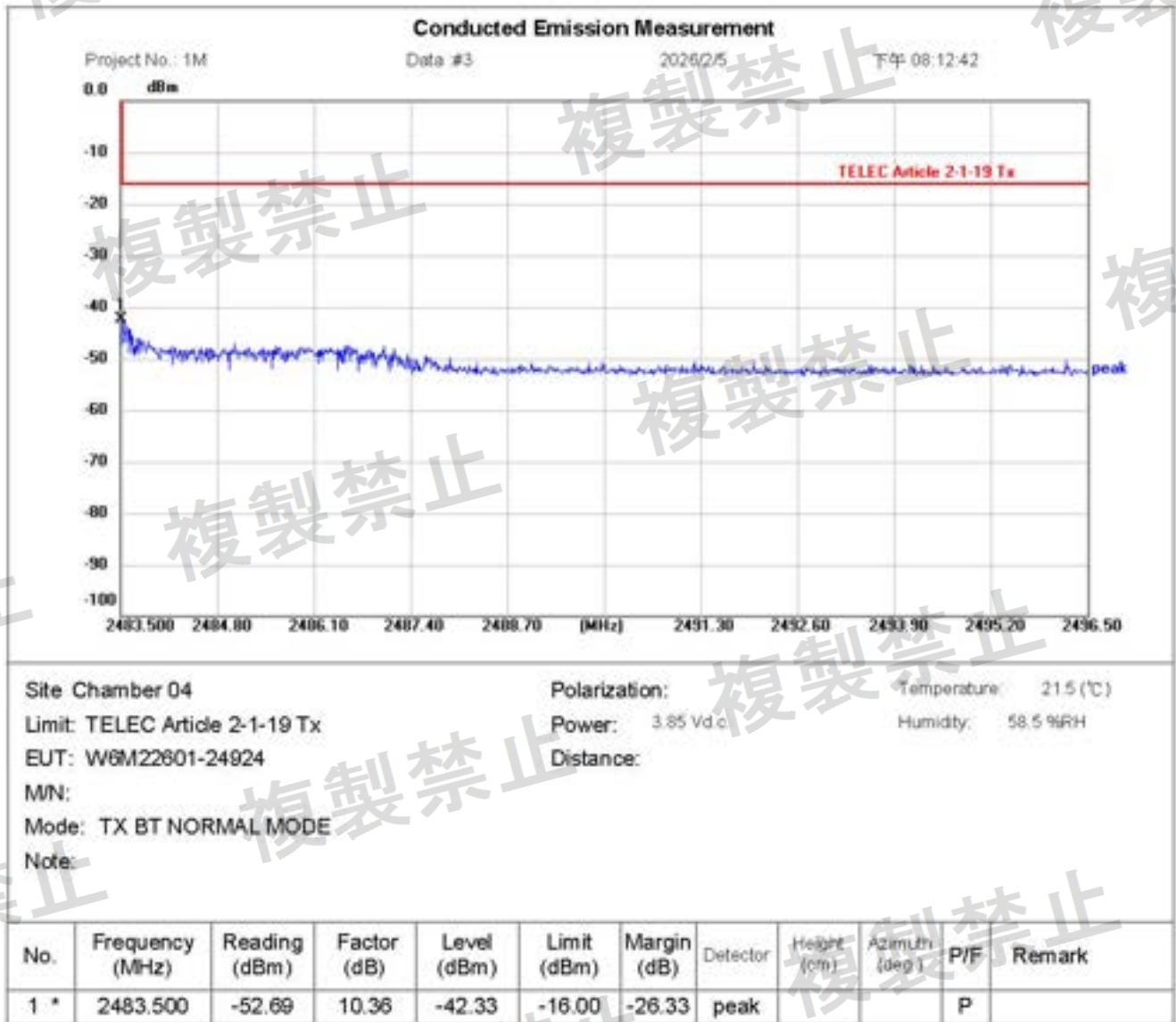


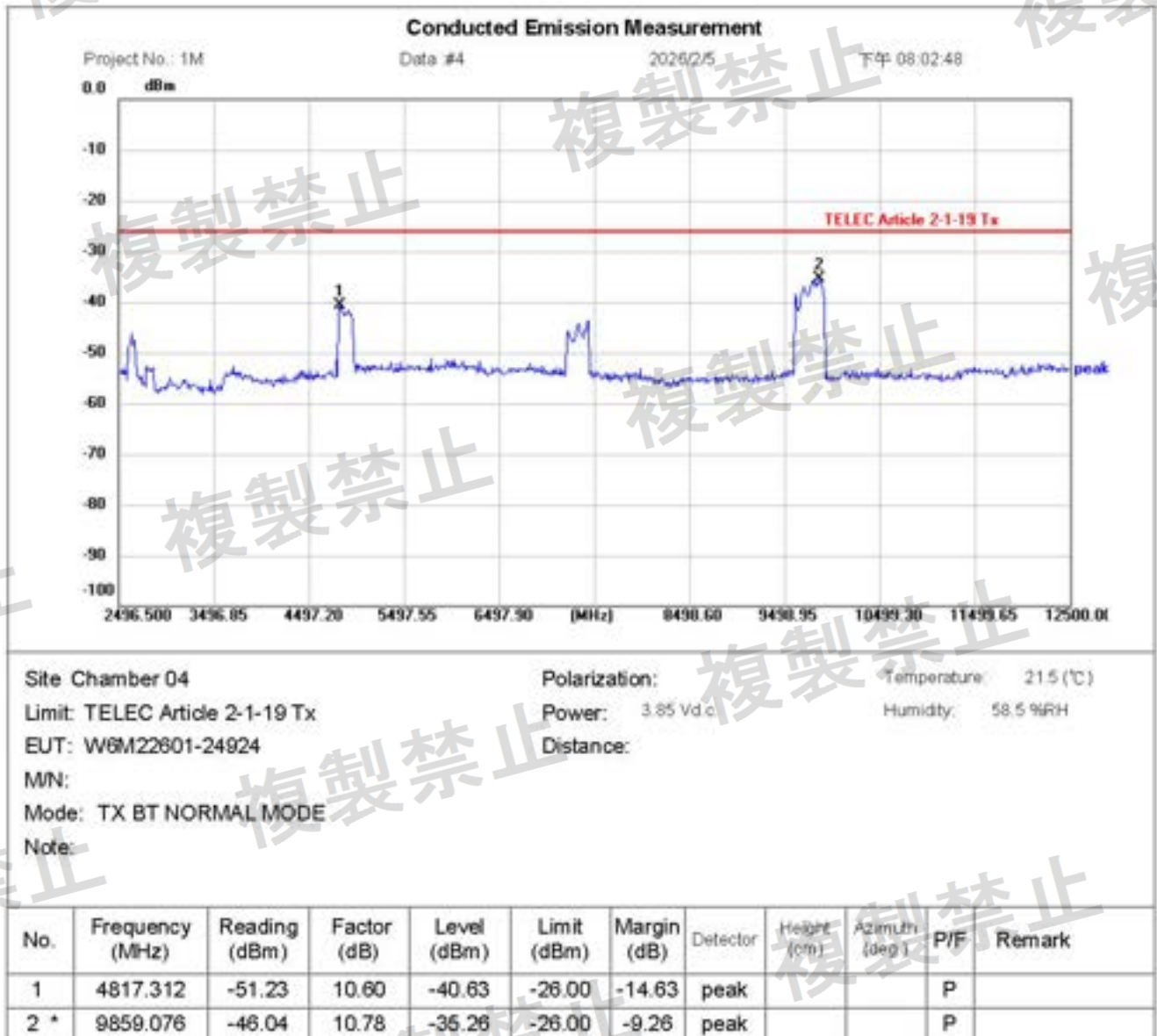
Worldwide Testing Services(Taiwan) Co., Ltd.





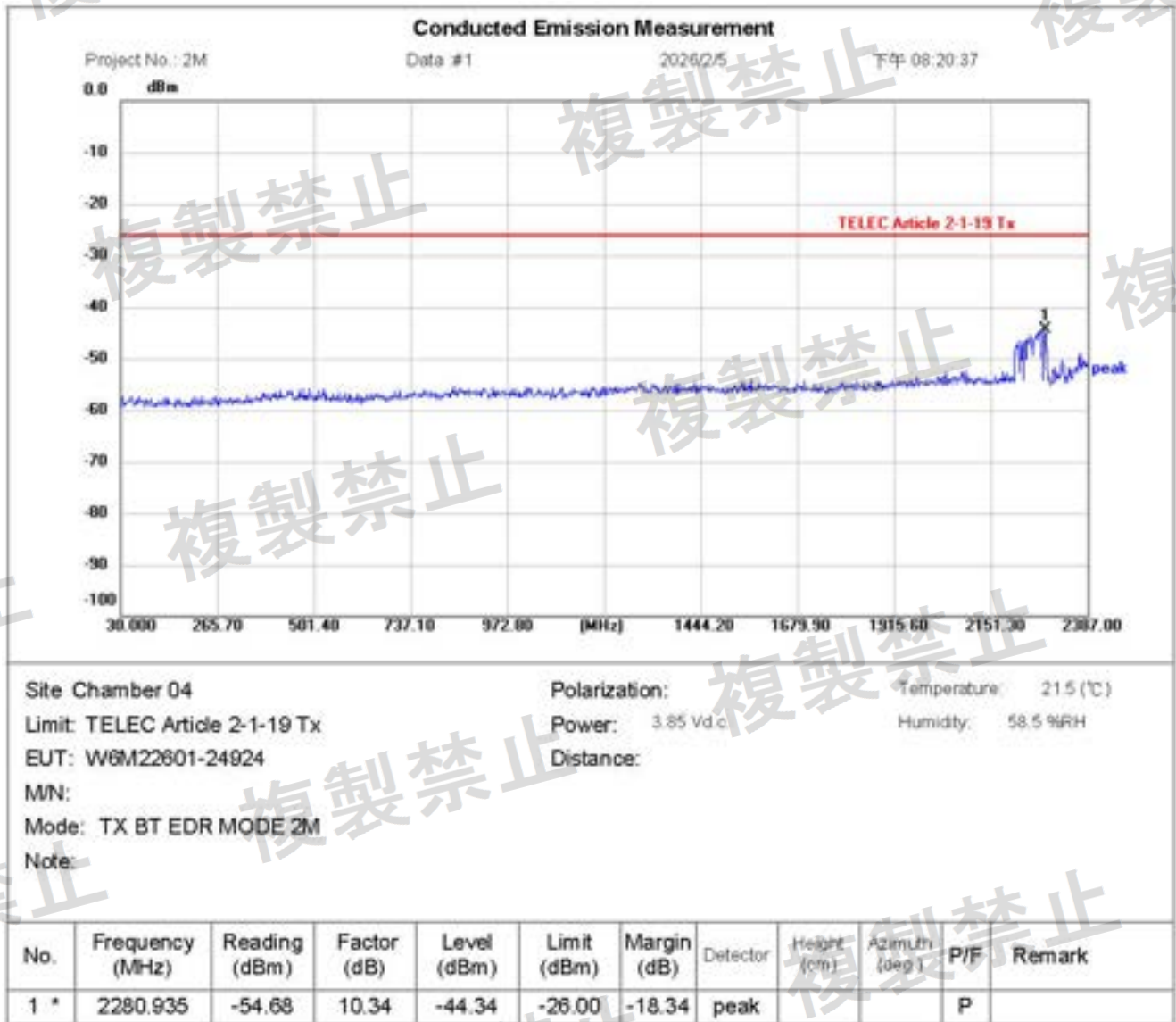
Worldwide Testing Services(Taiwan) Co., Ltd.





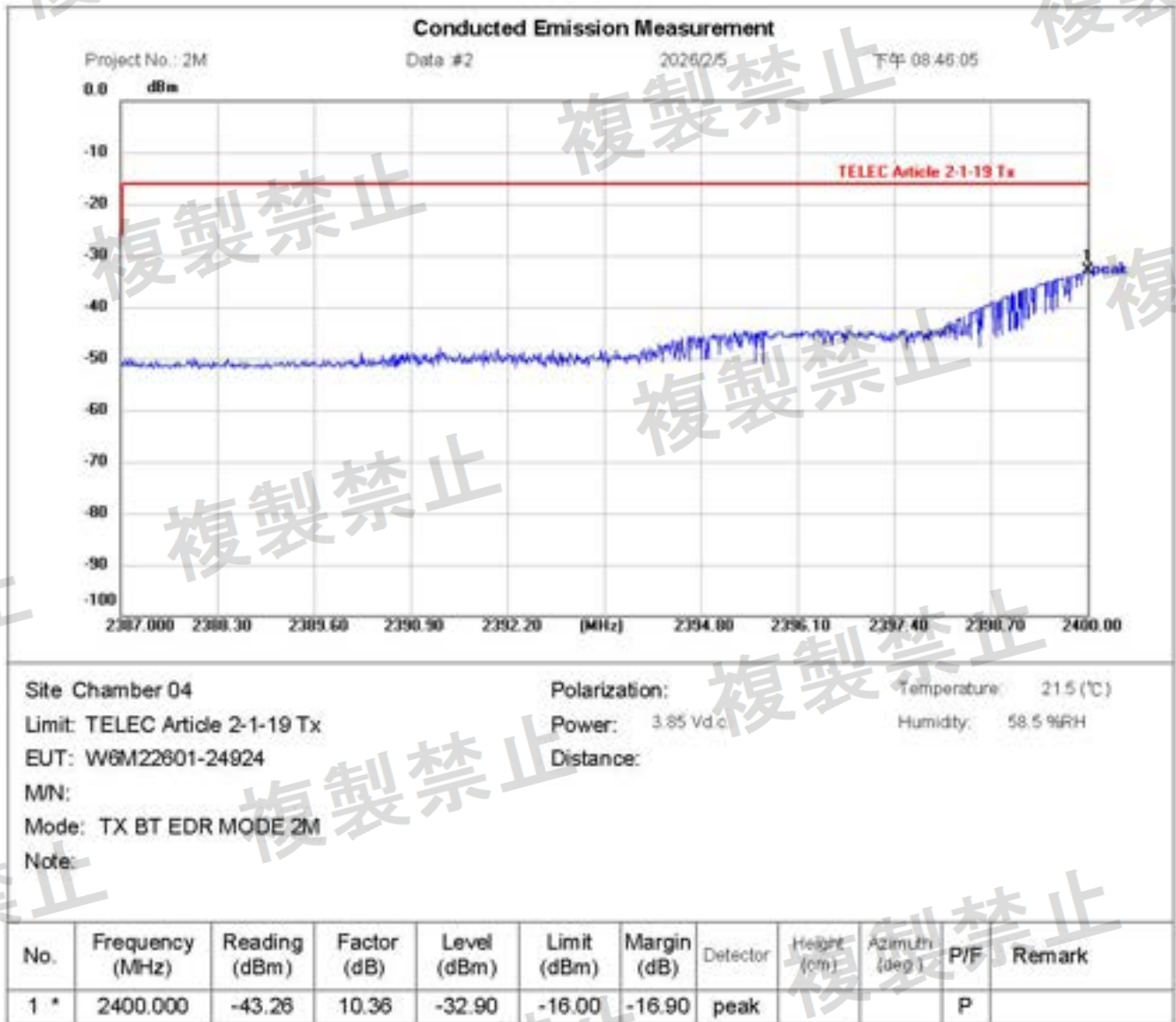


Worldwide Testing Services(Taiwan) Co., Ltd.



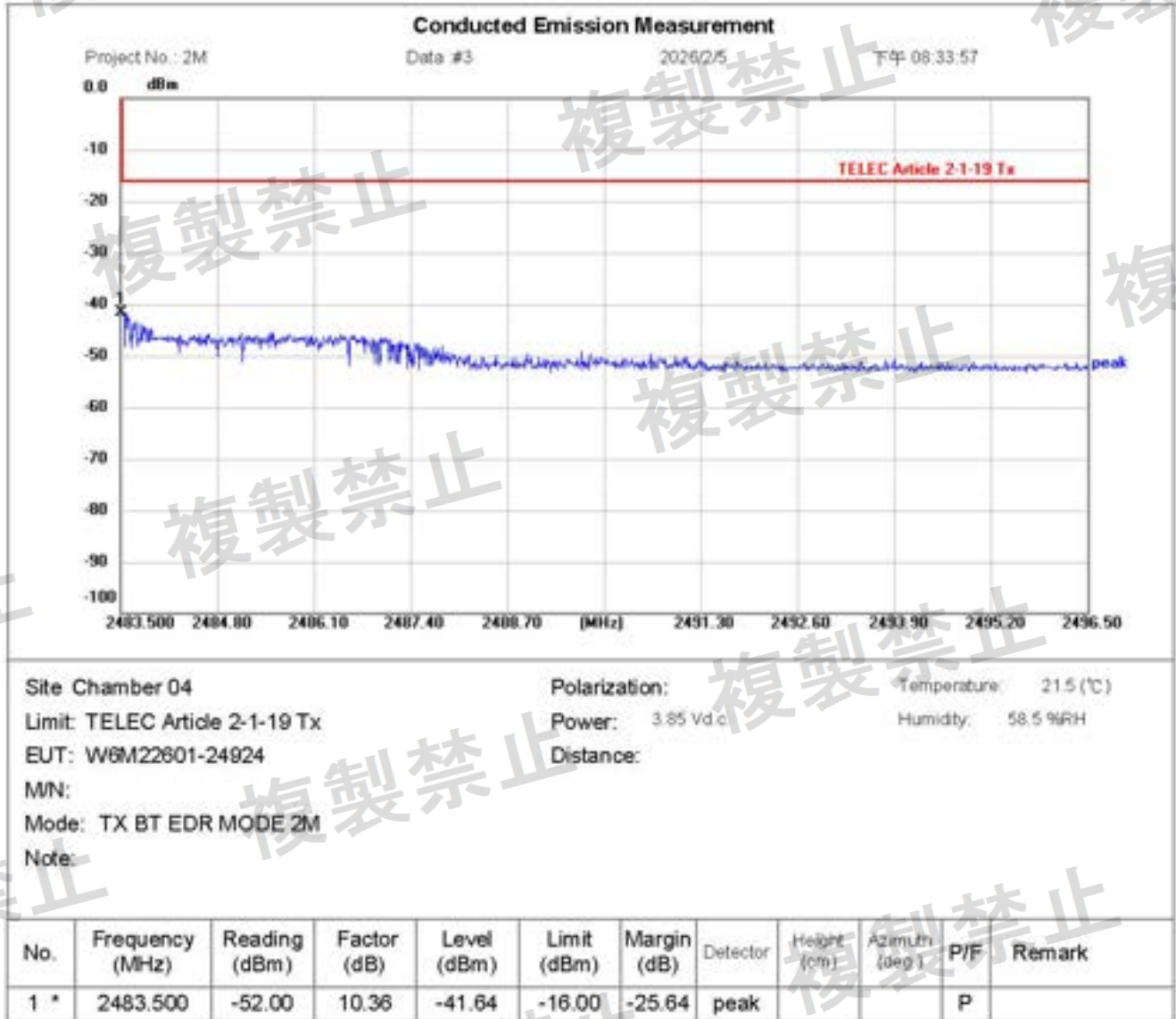


Worldwide Testing Services(Taiwan) Co., Ltd.



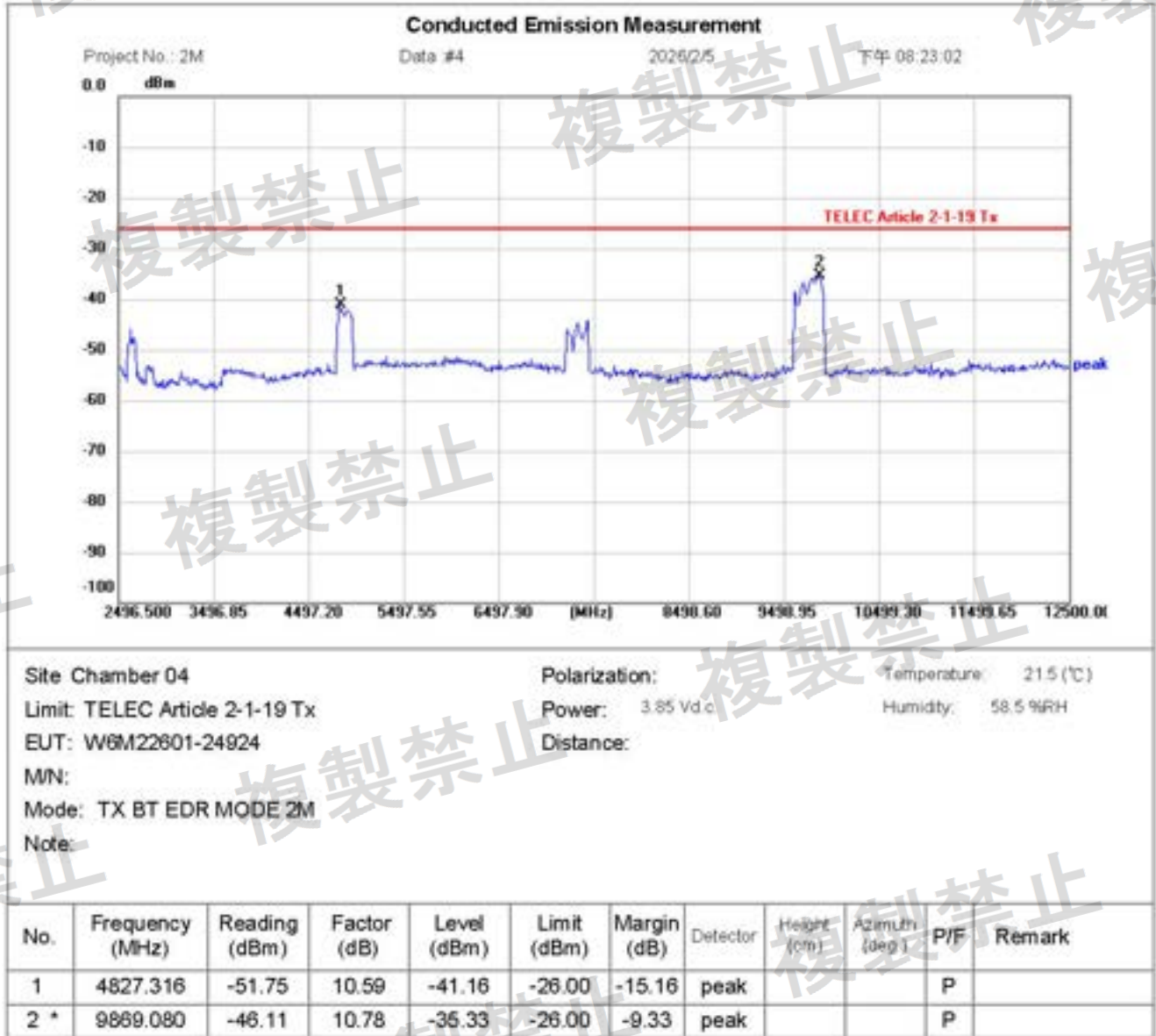


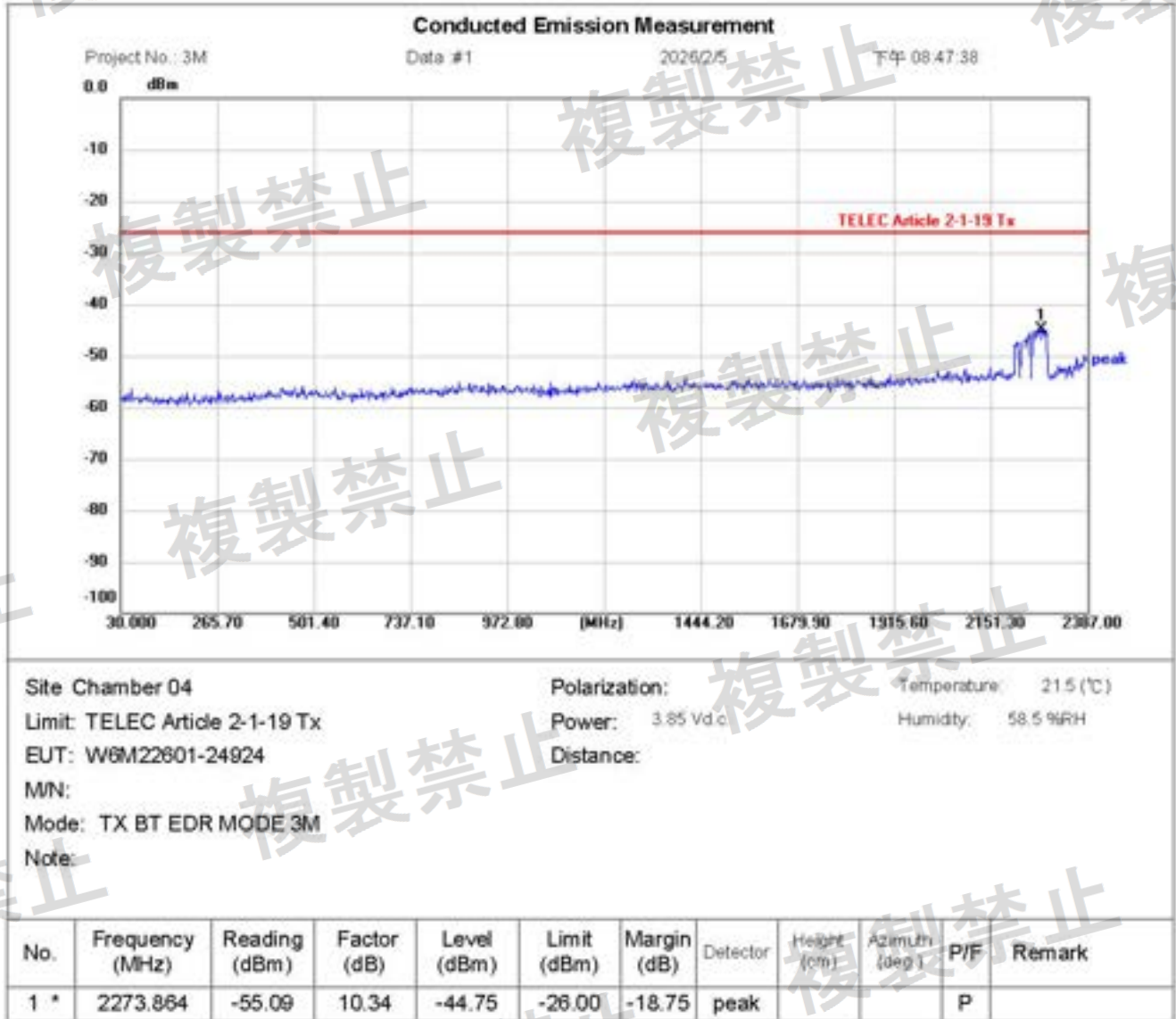
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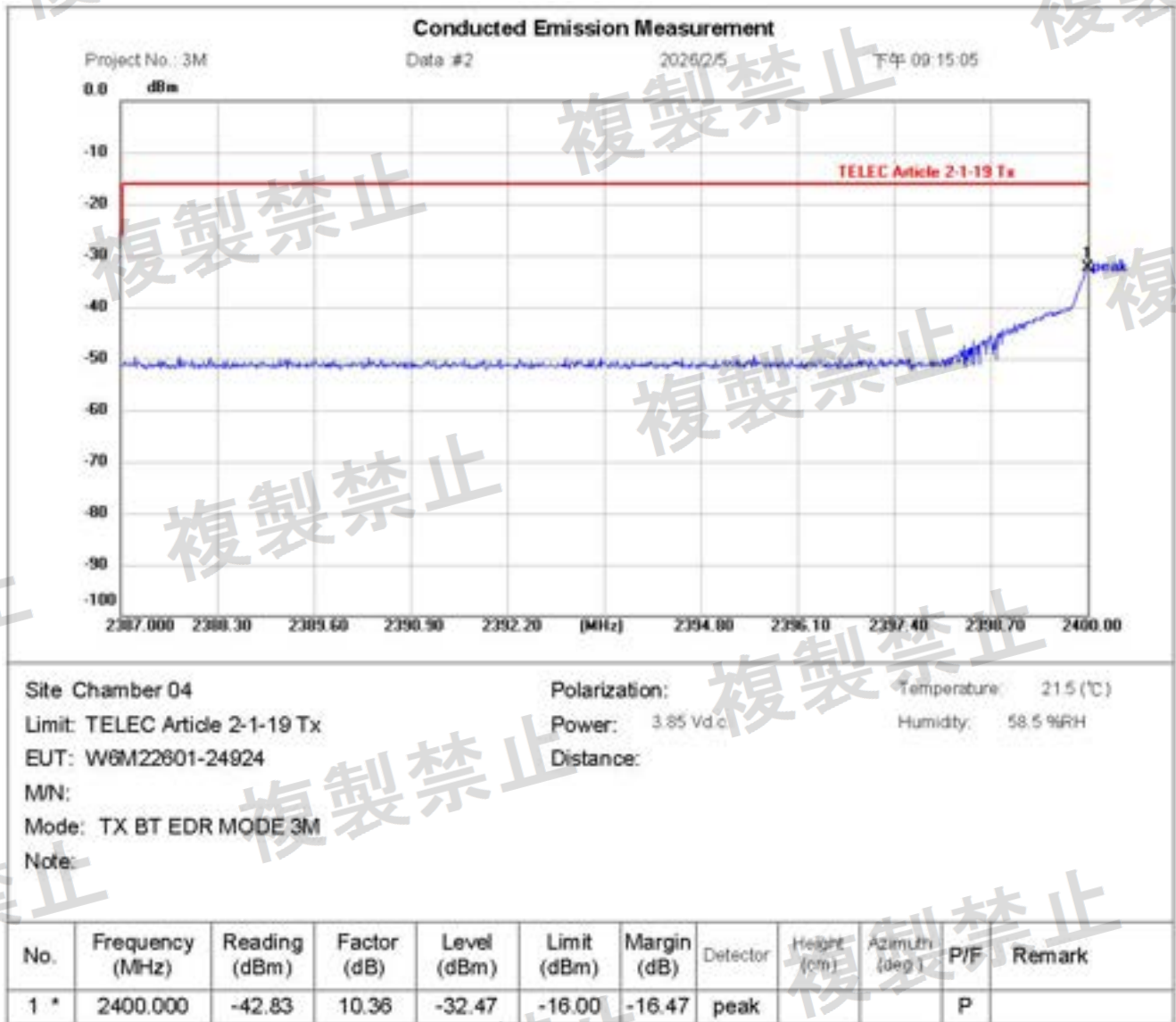
Worldwide Testing Services(Taiwan) Co., Ltd.





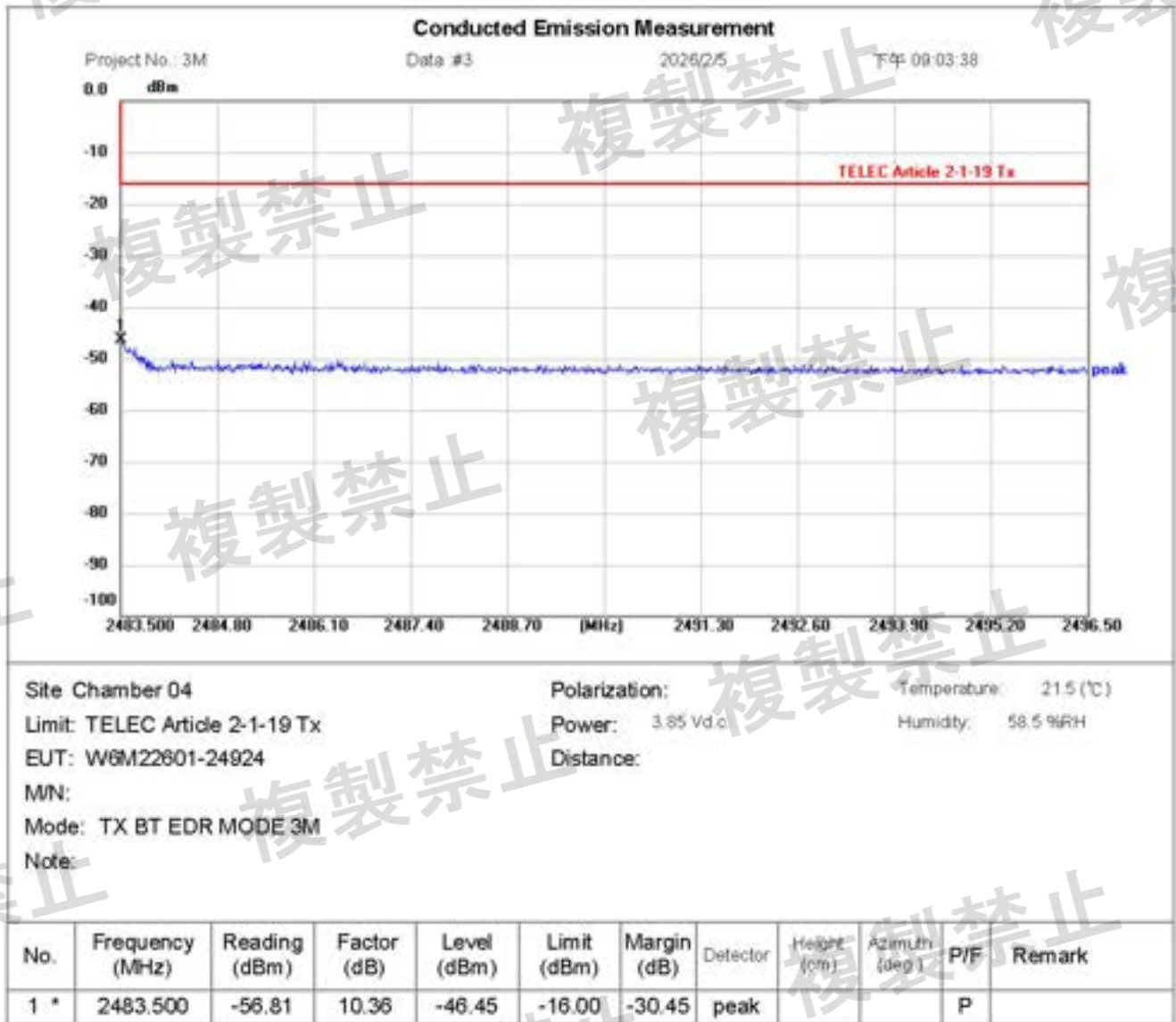


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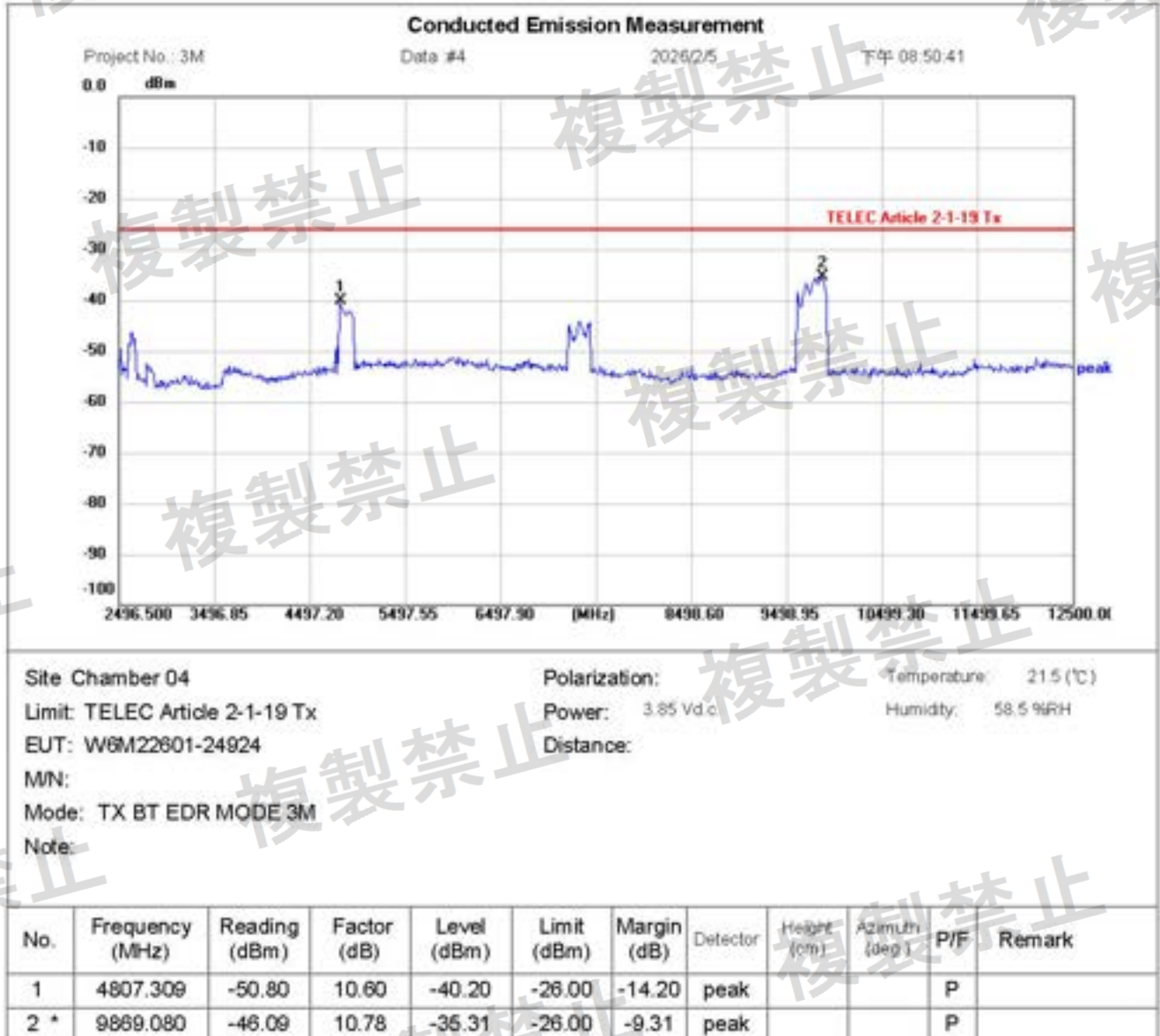


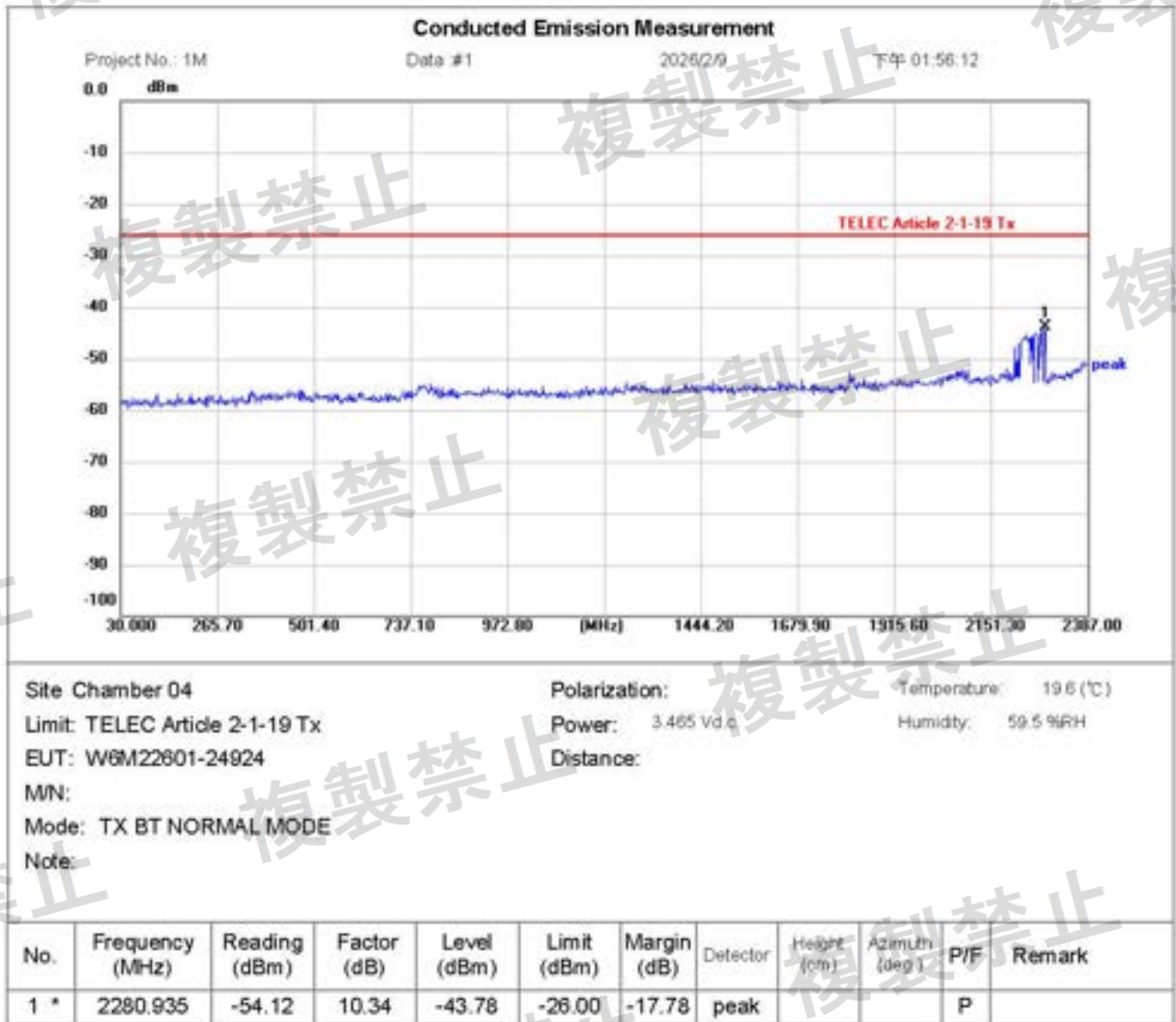
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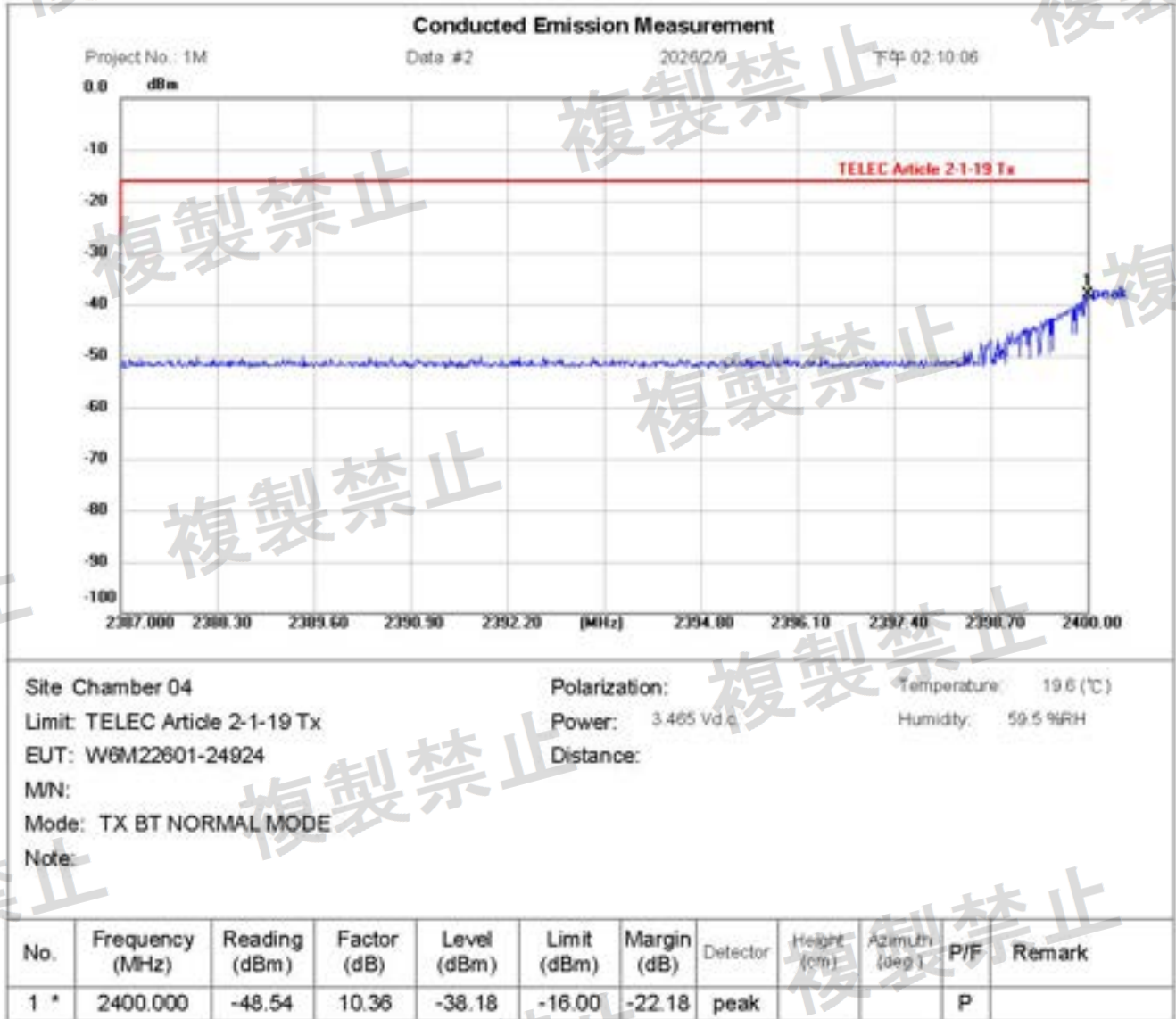
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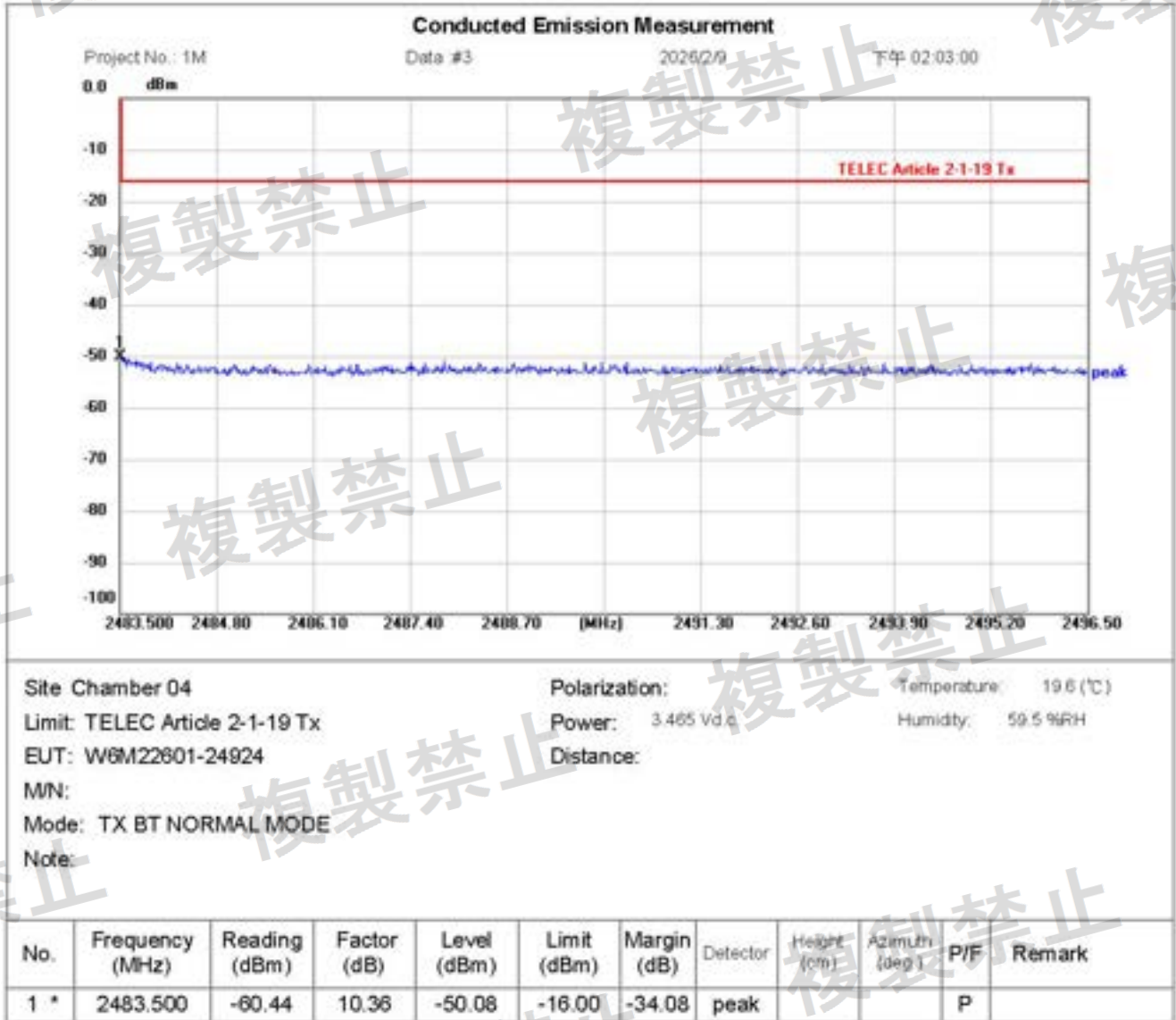


Worldwide Testing Services(Taiwan) Co., Ltd.



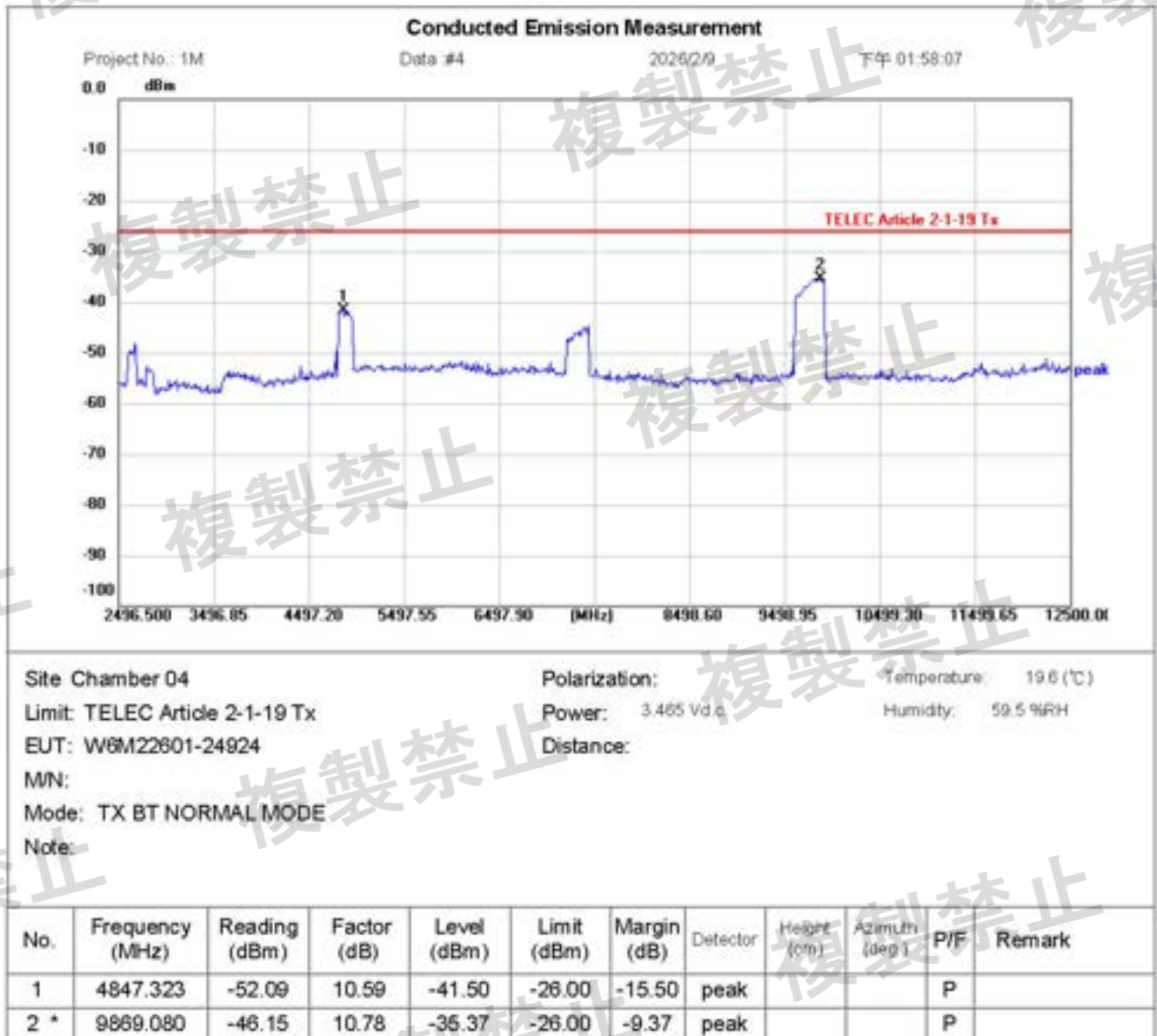


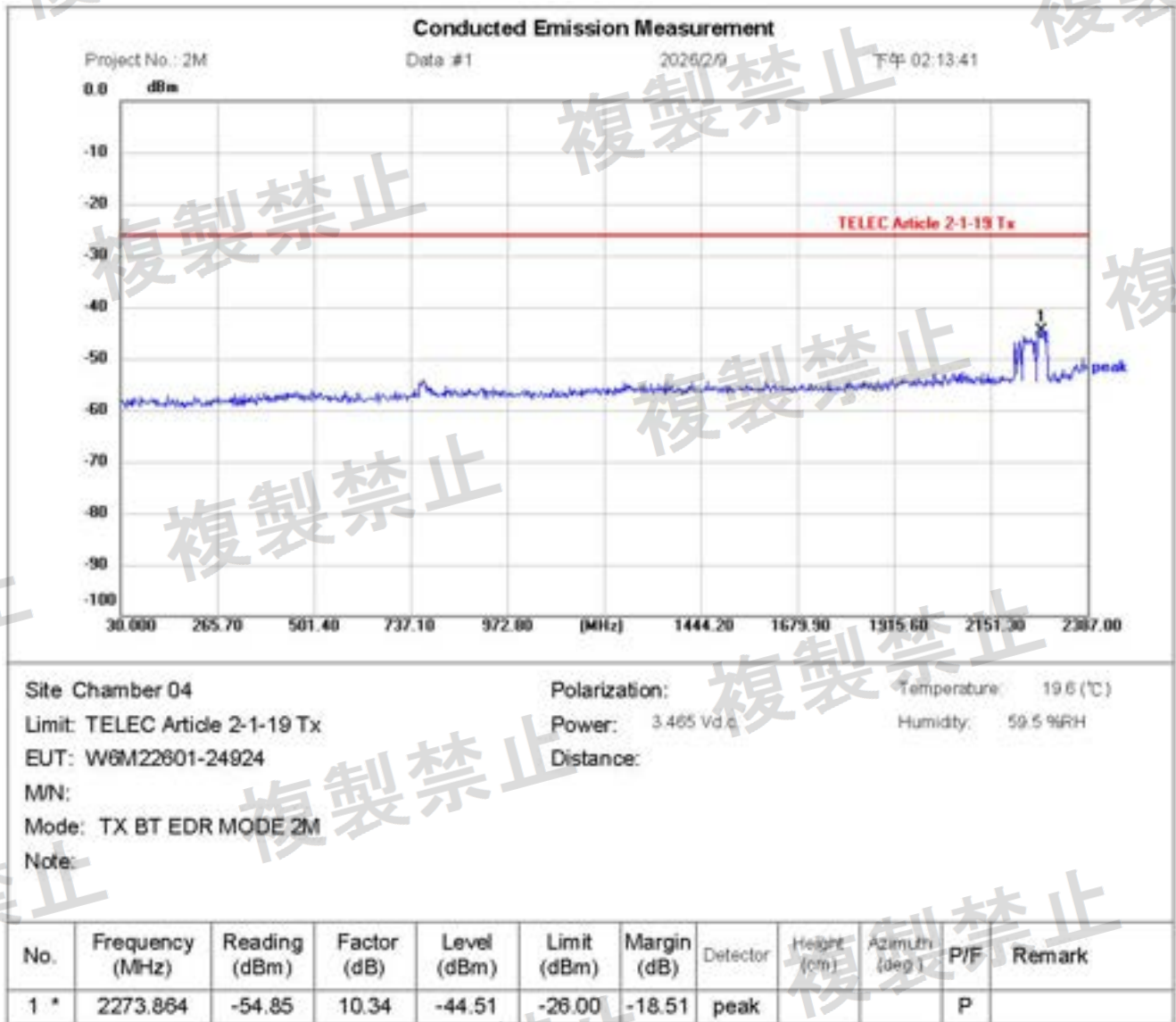
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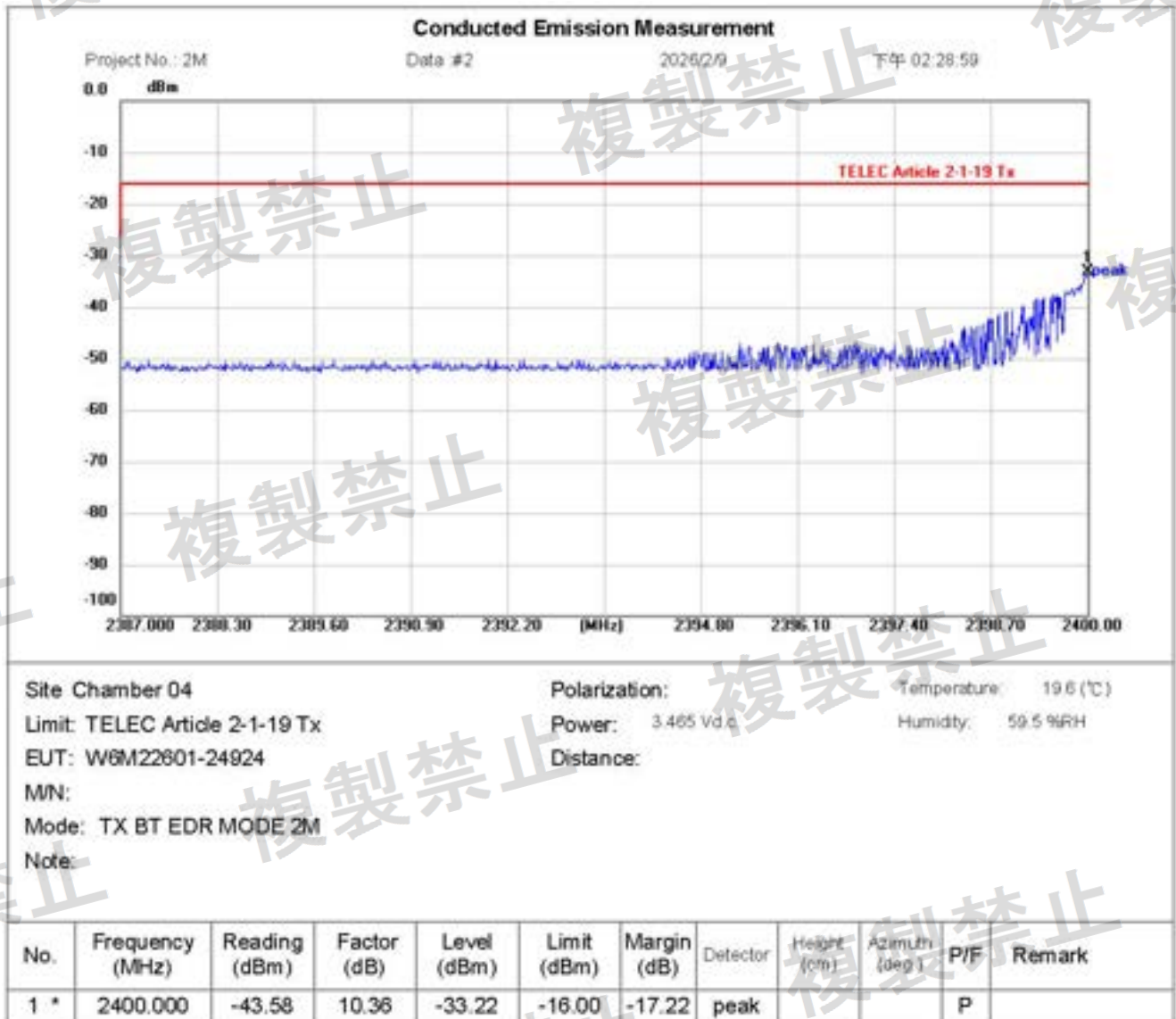




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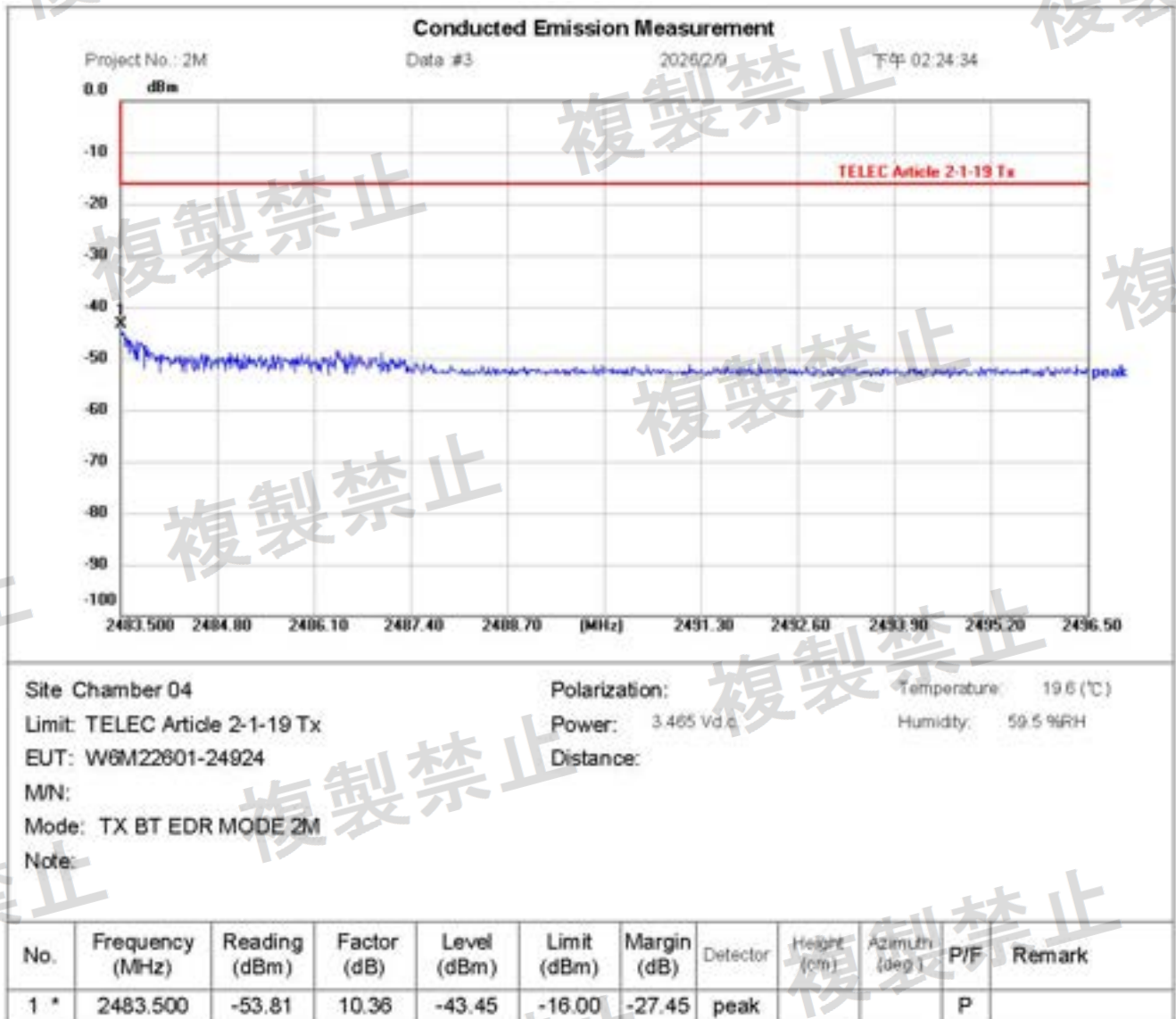






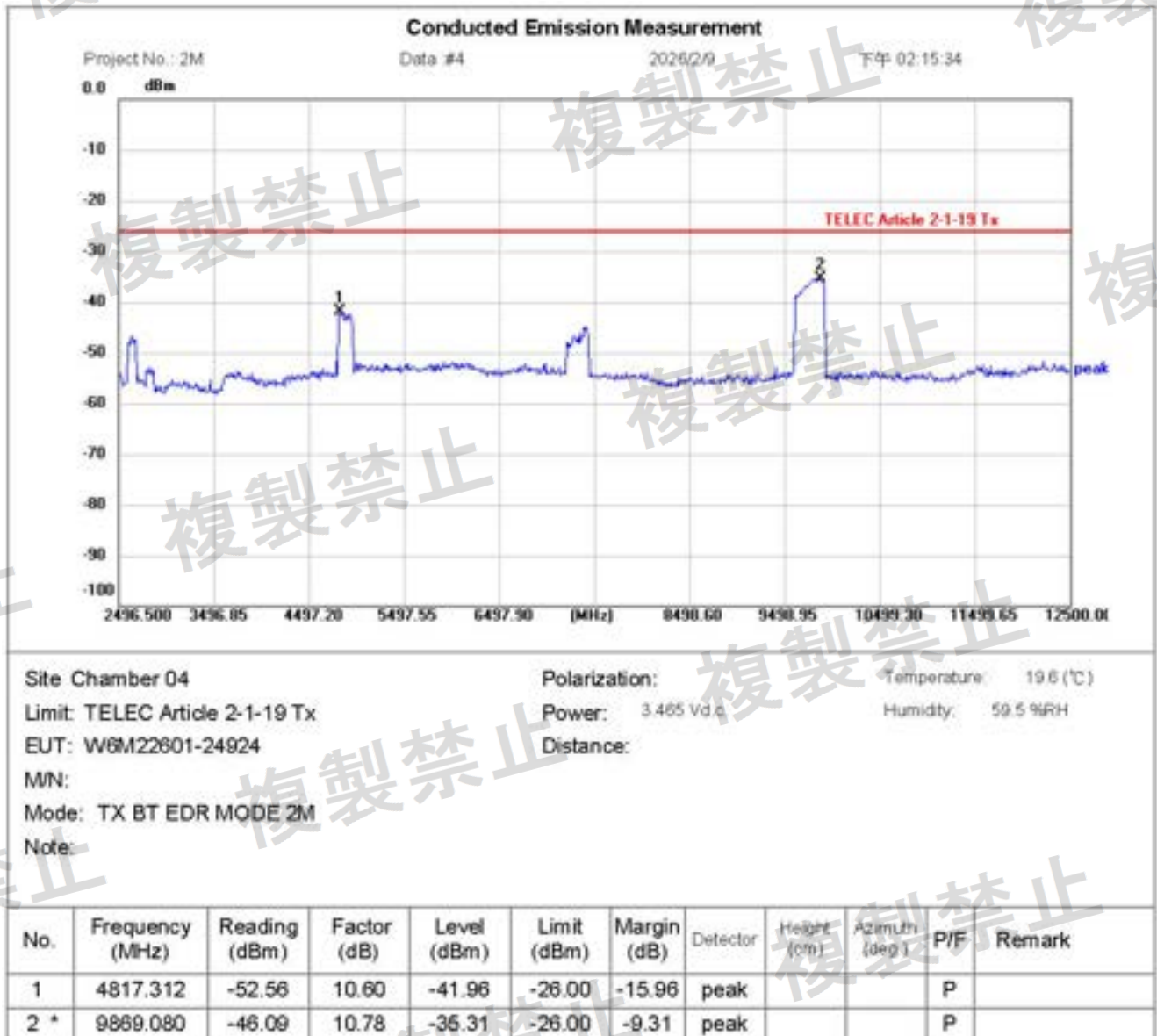


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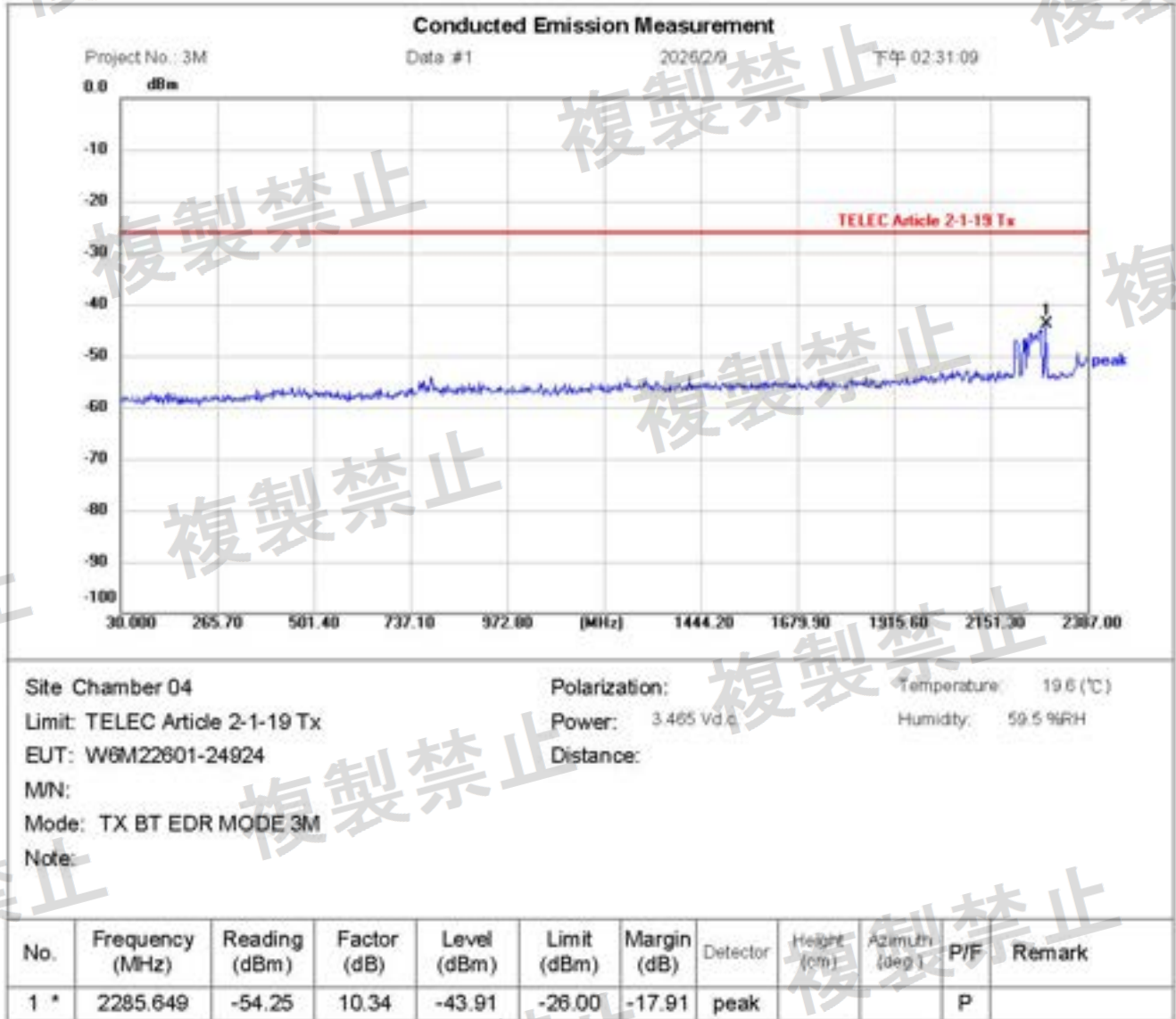


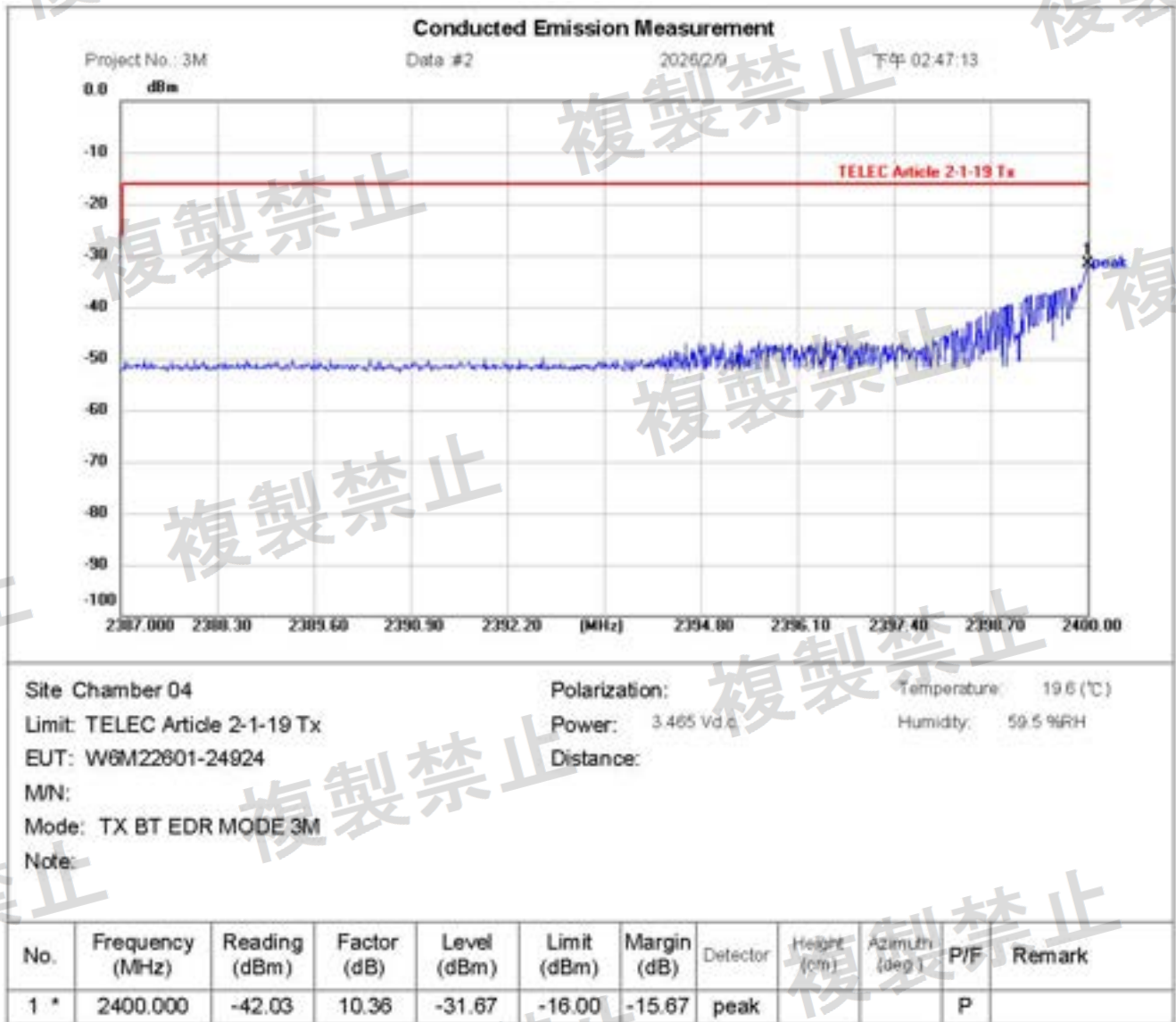
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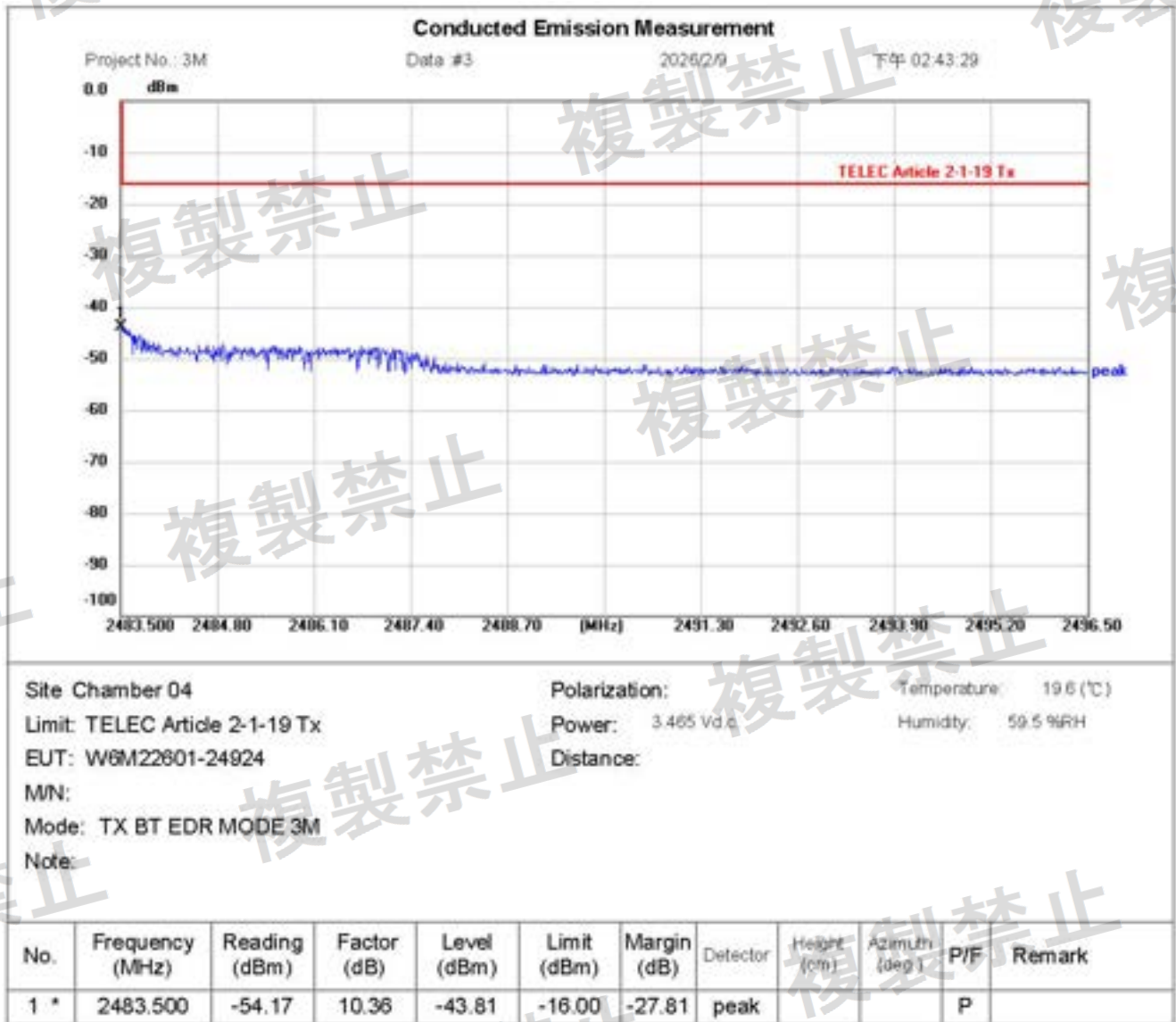


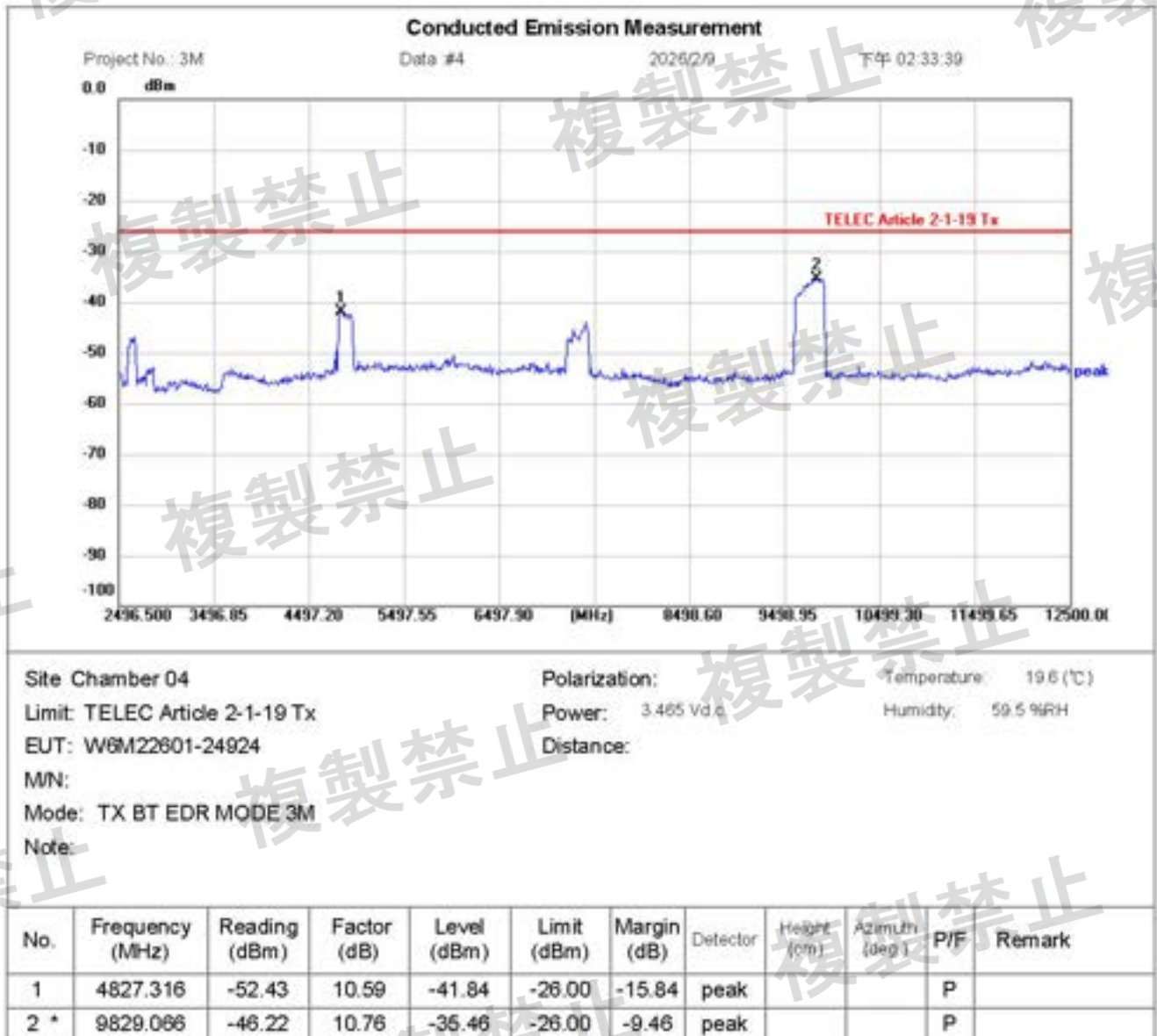


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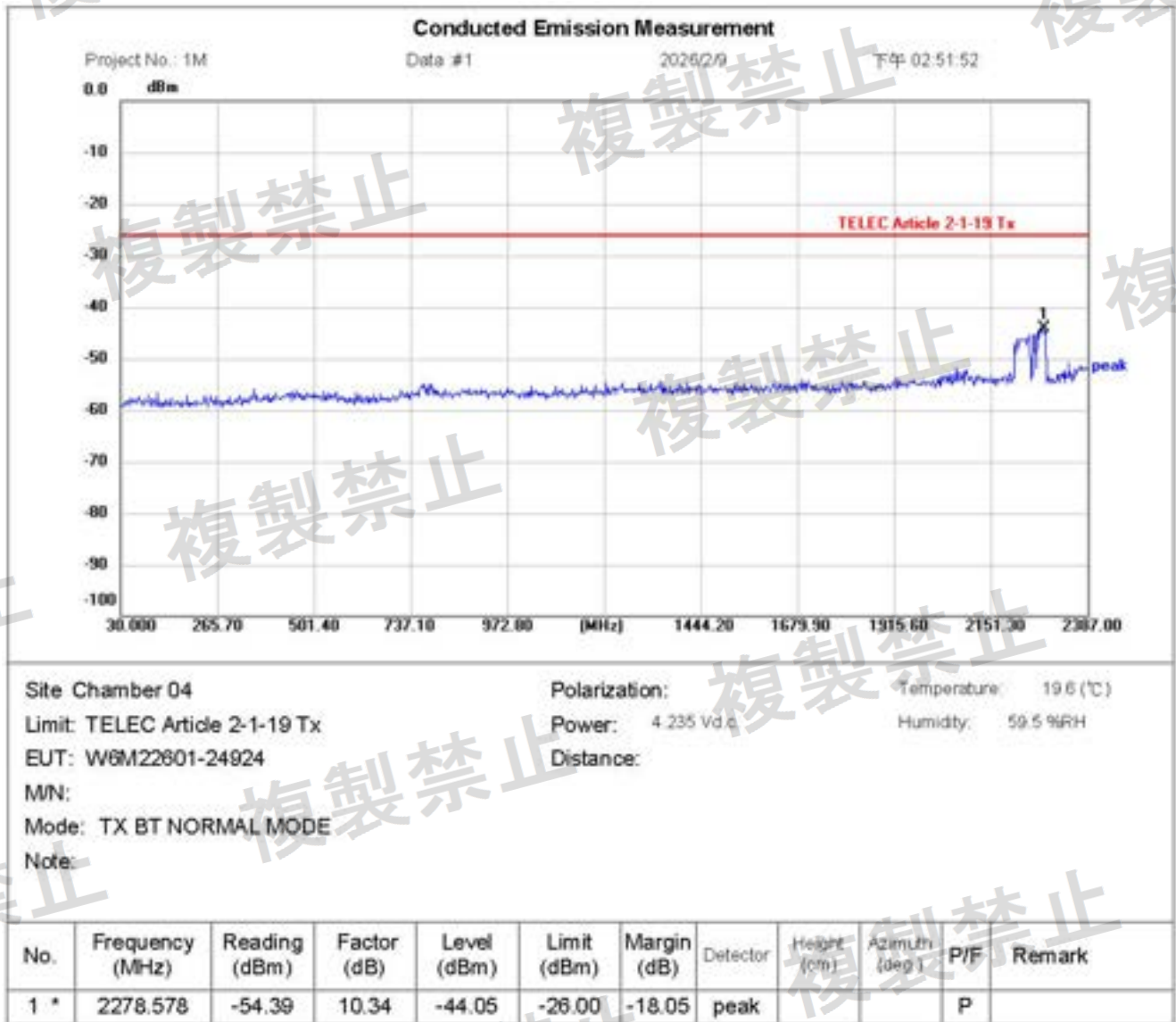






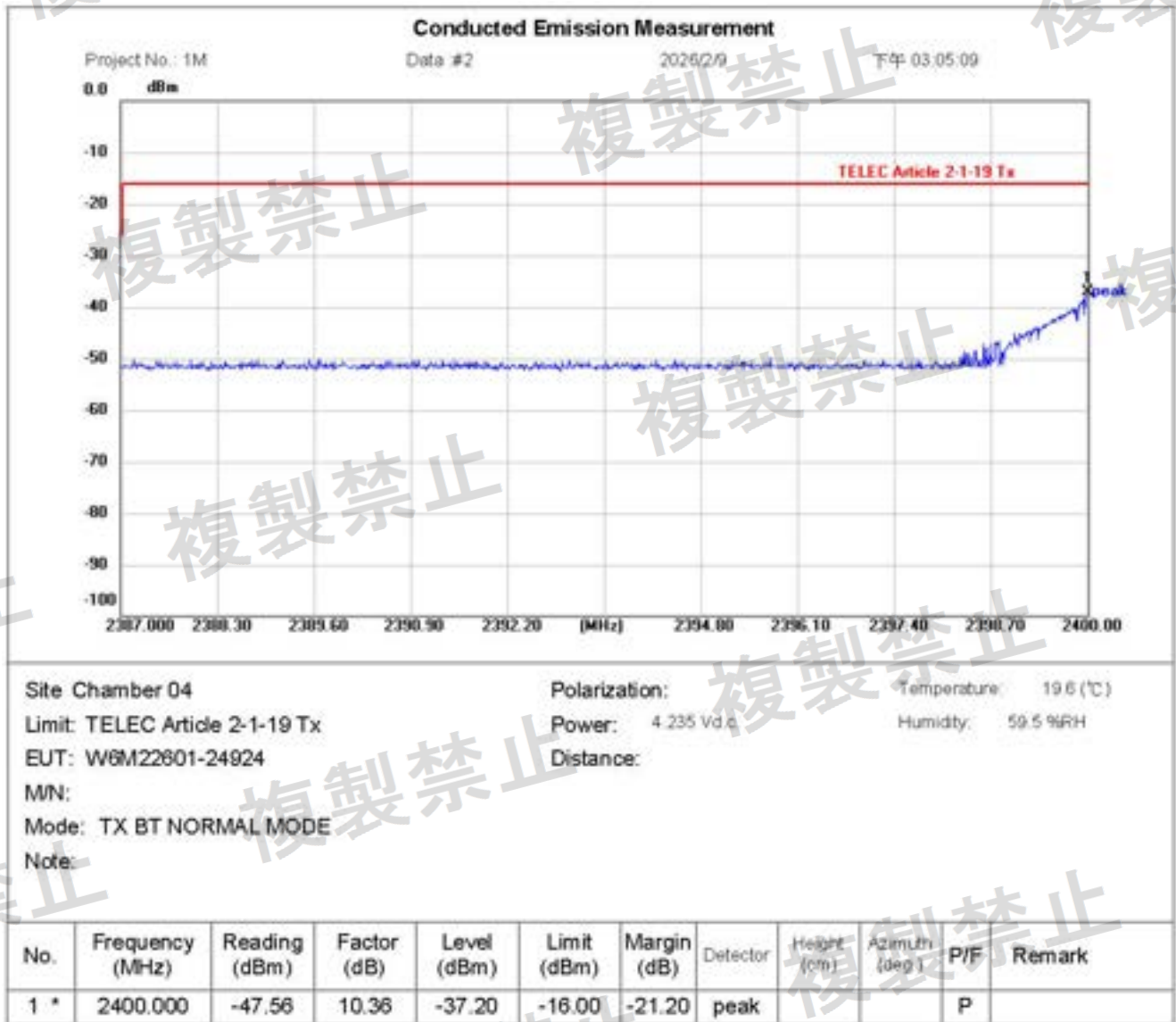


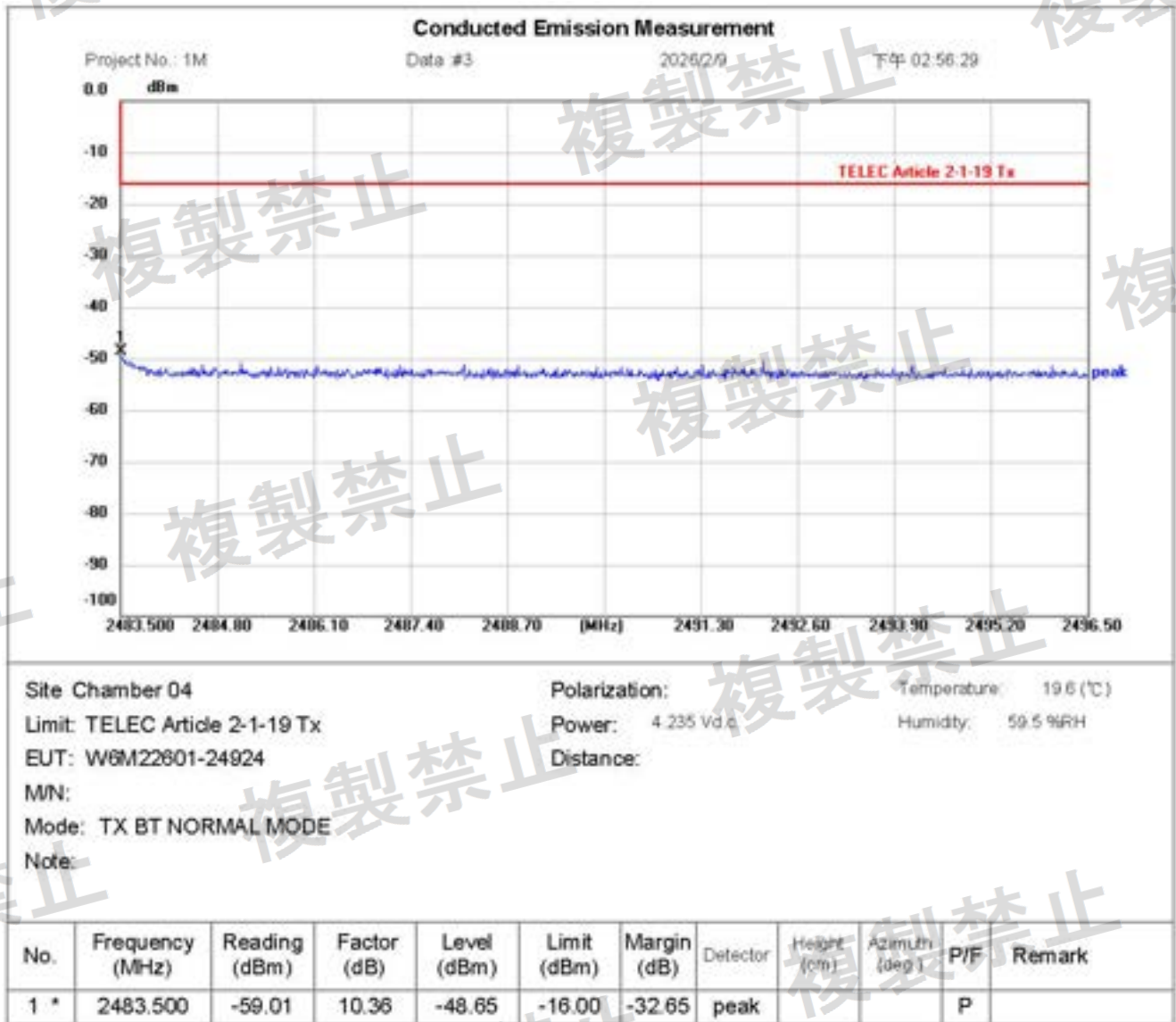
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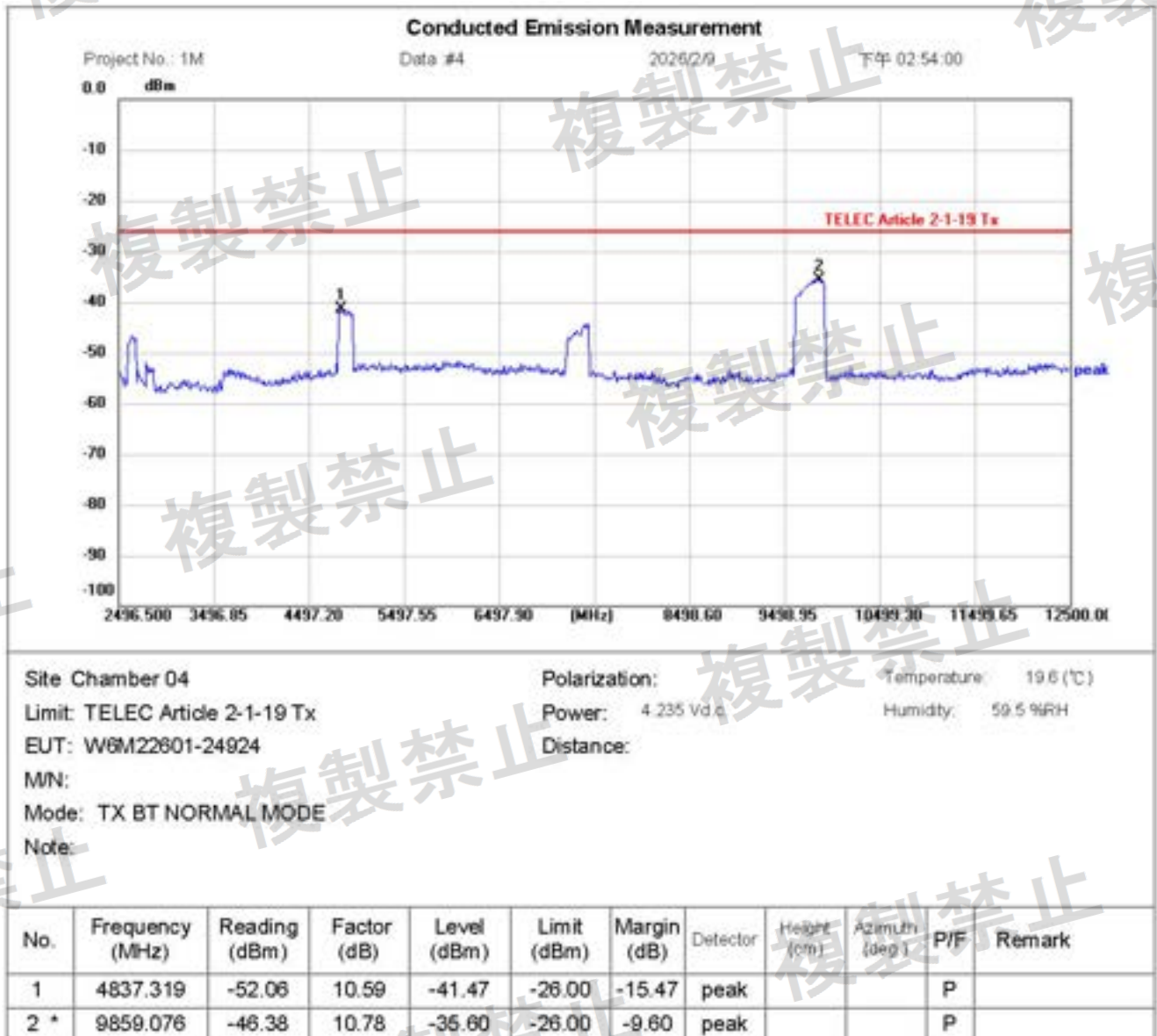
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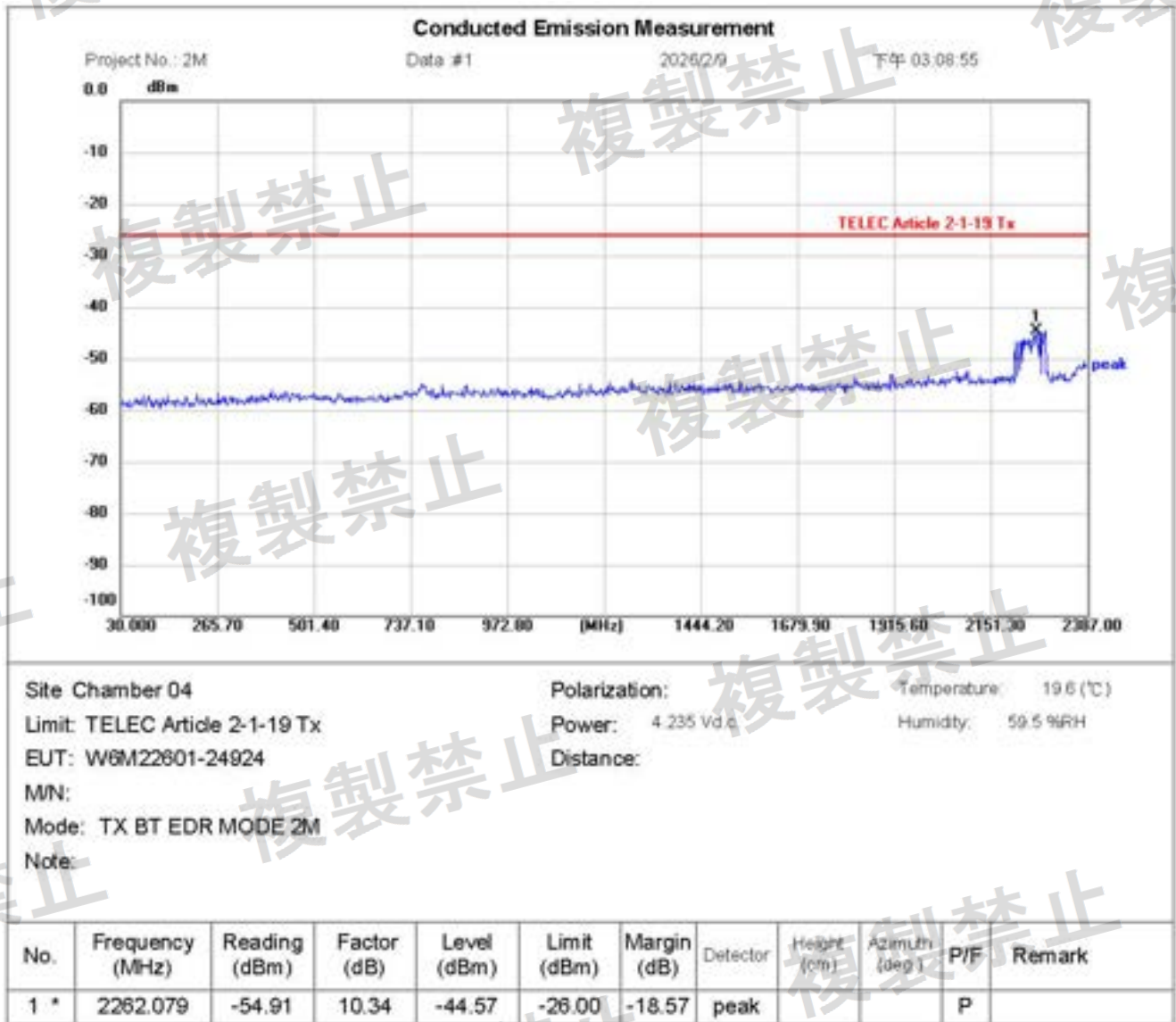


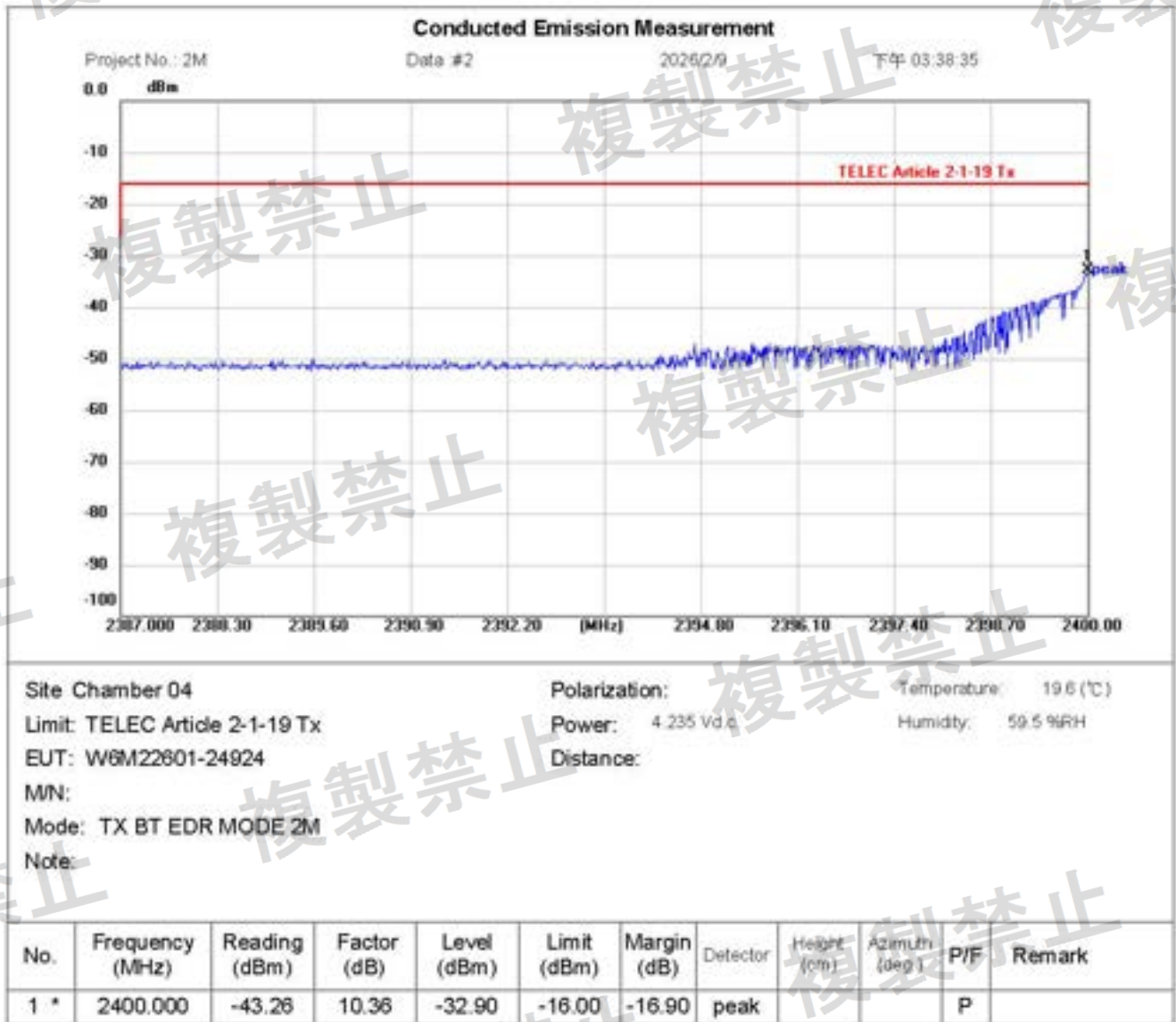
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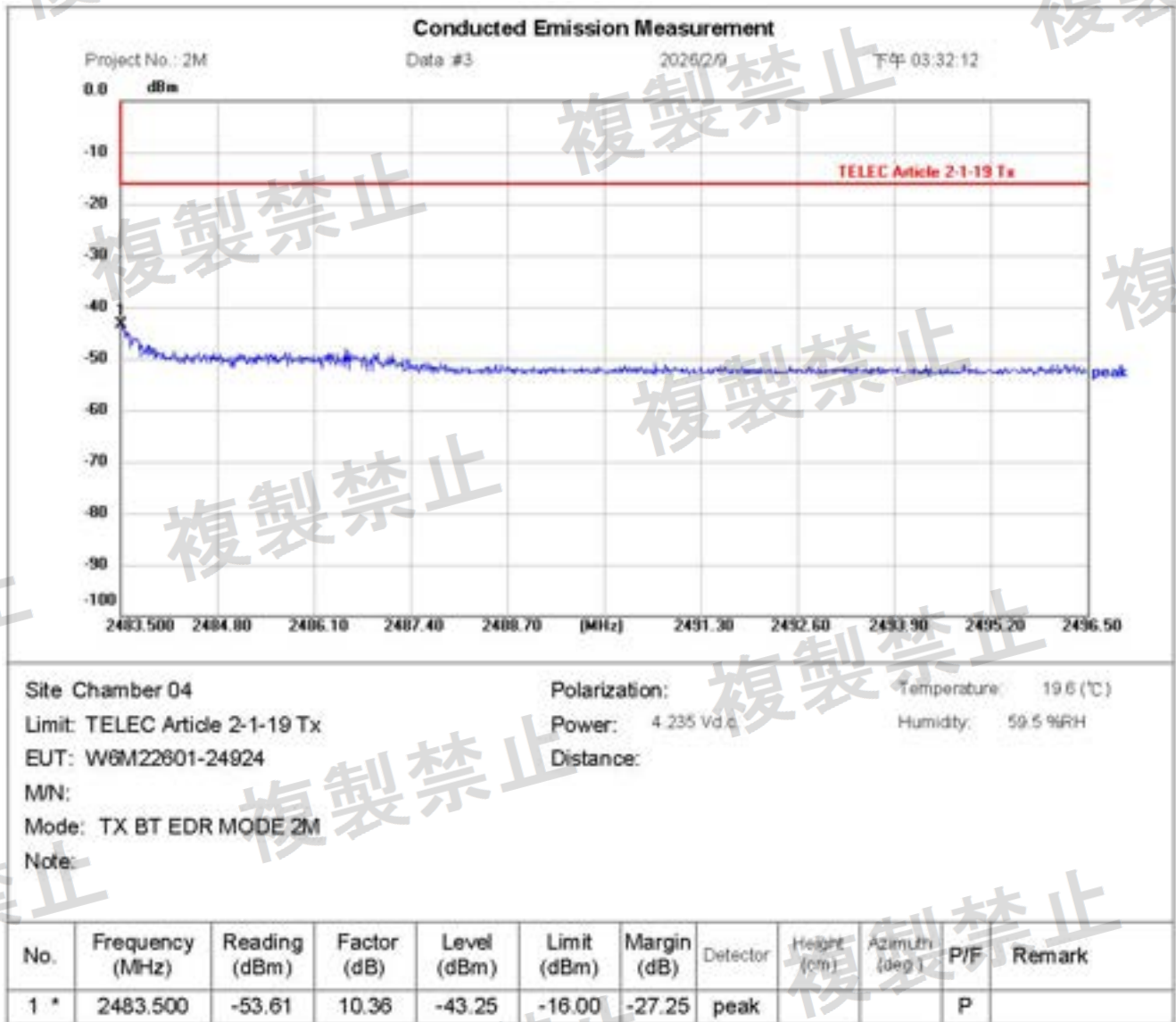
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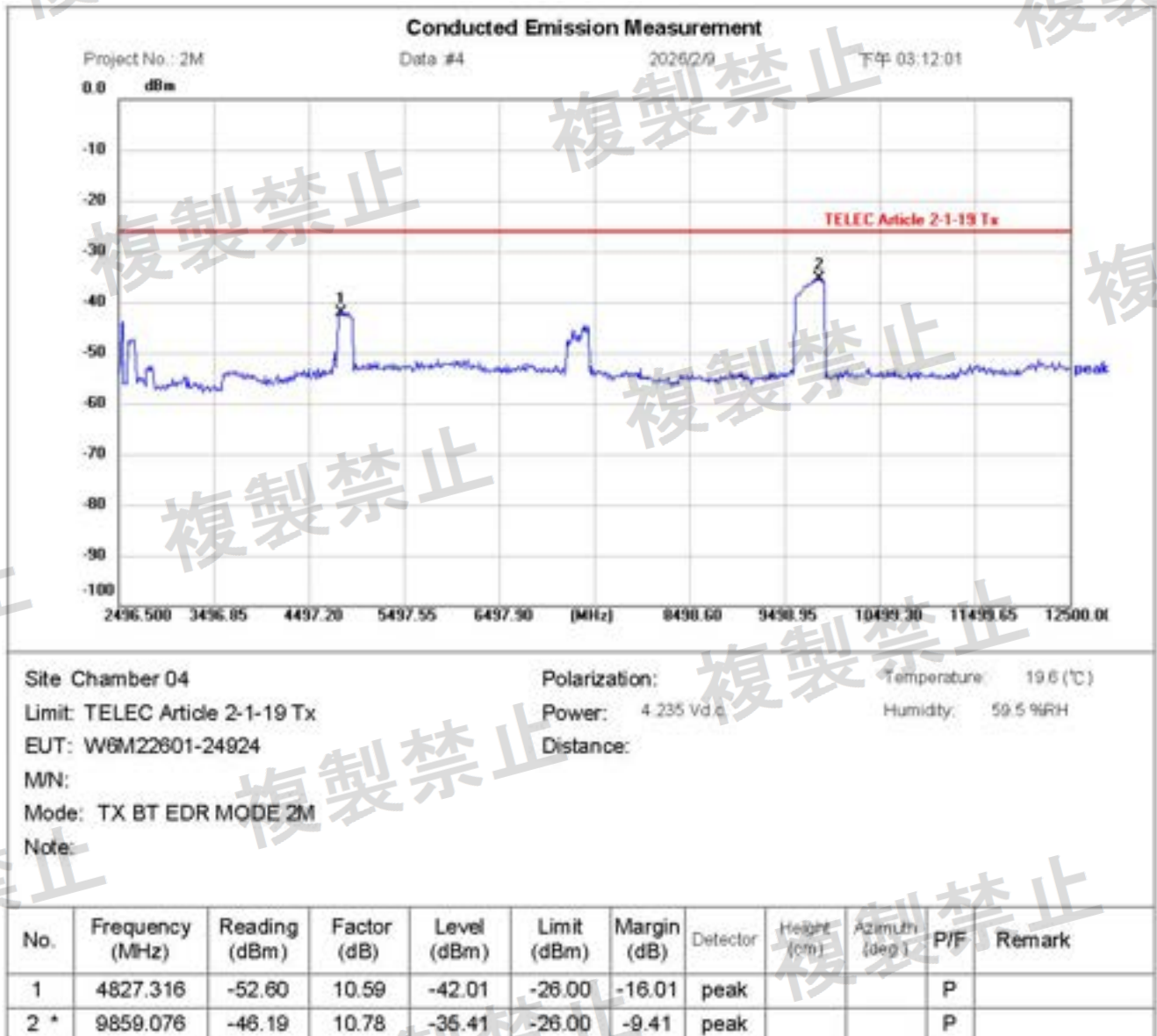






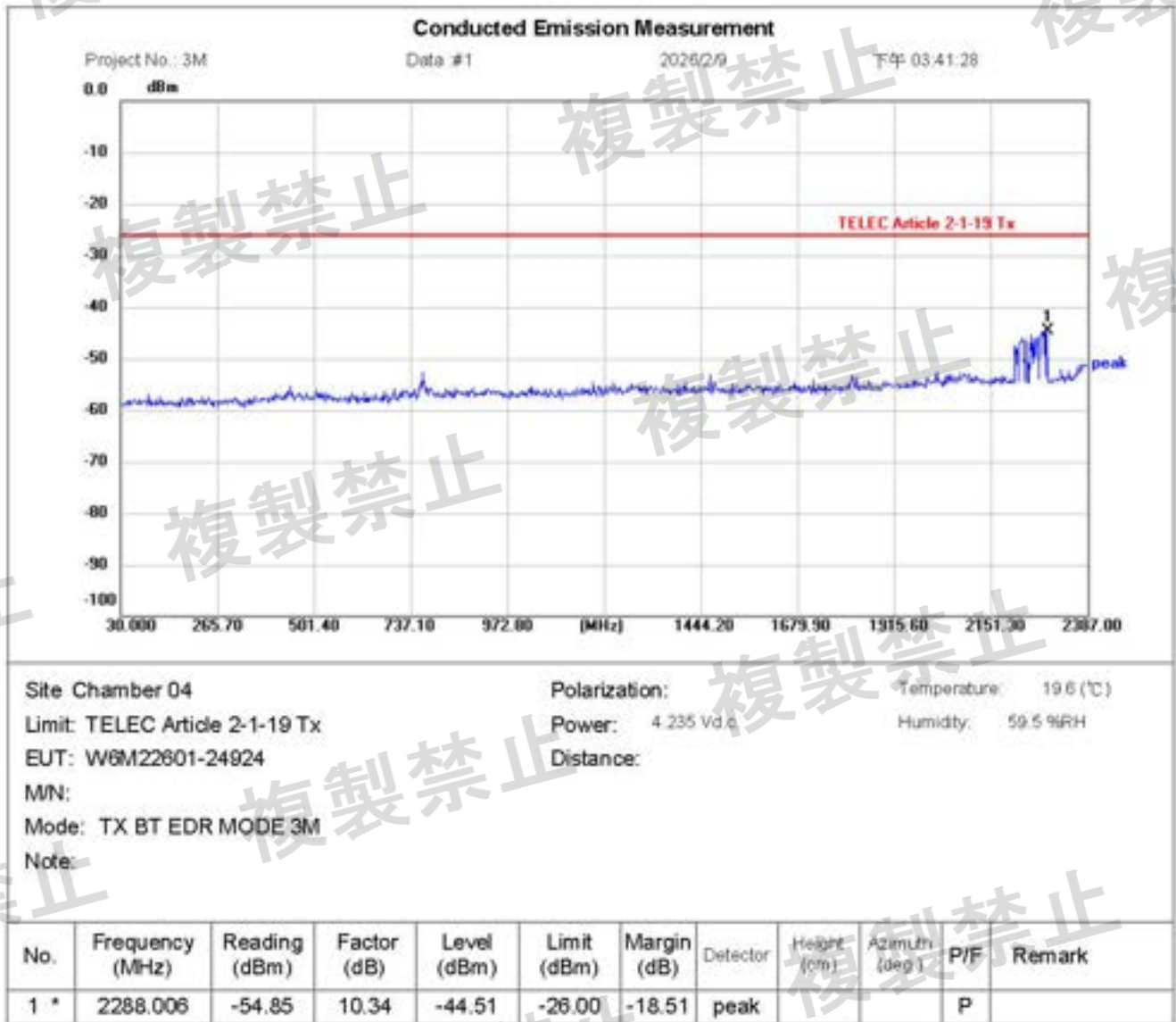
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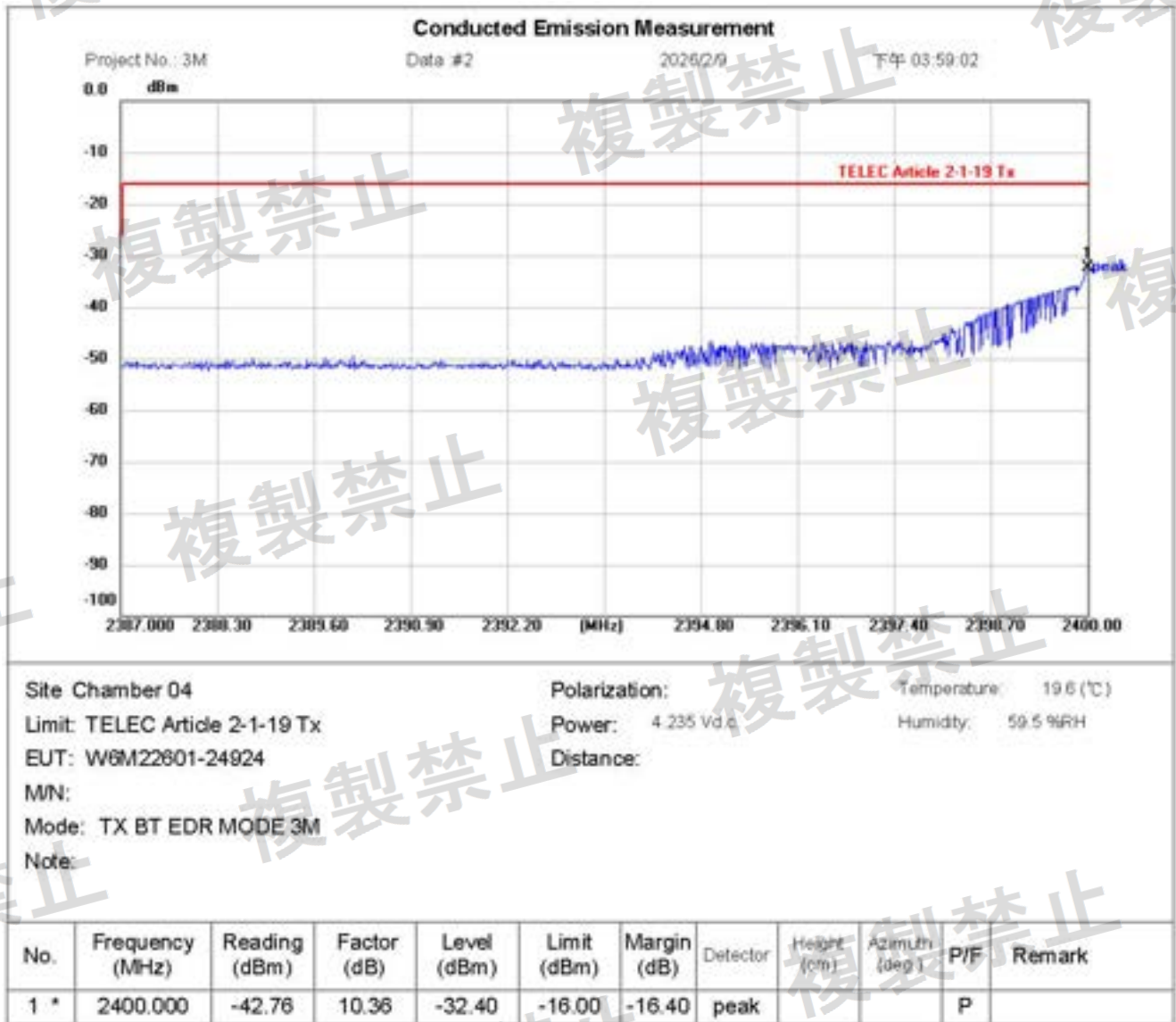






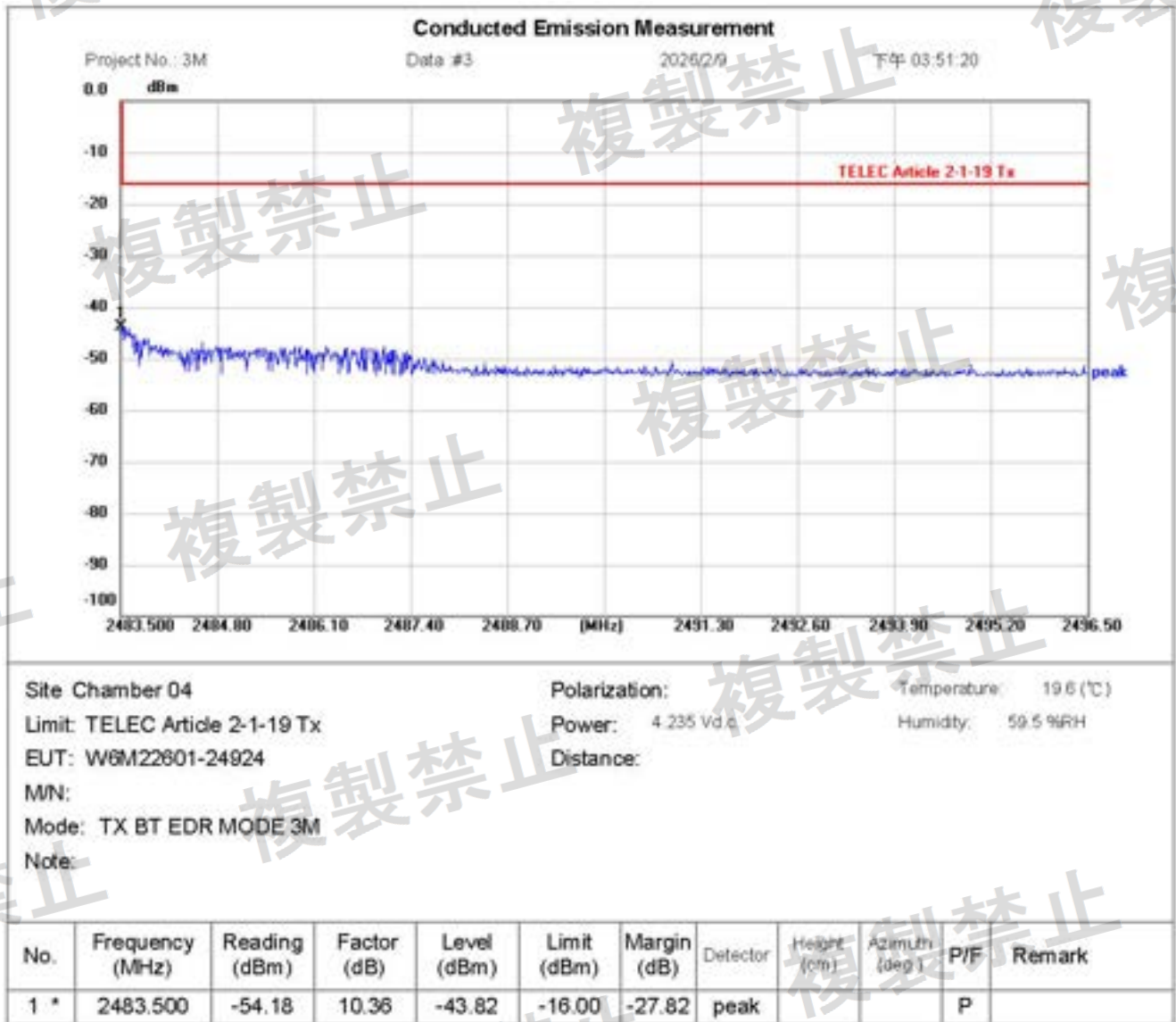
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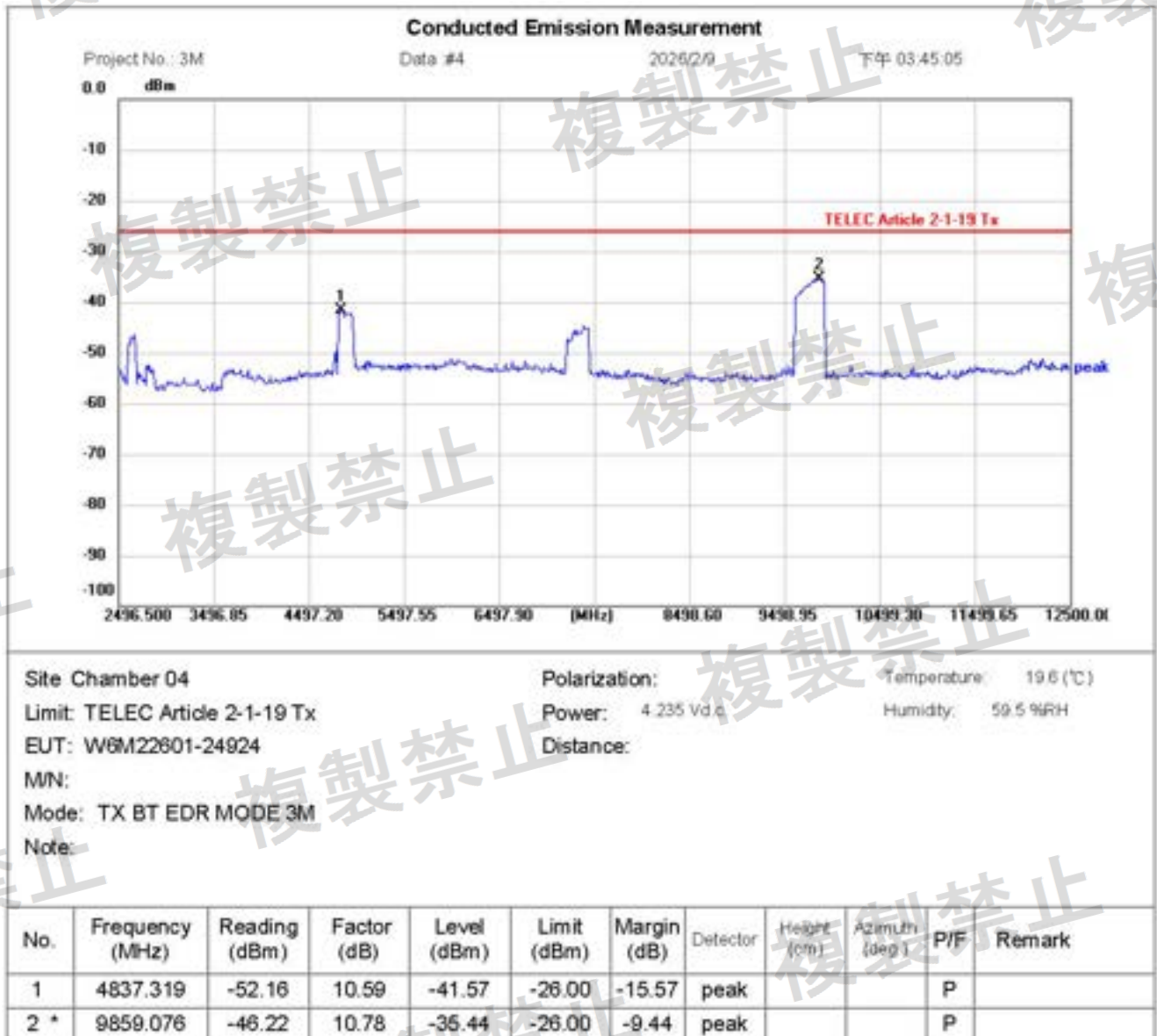






Worldwide Testing Services(Taiwan) Co., Ltd.





Explanation: ./.



Limits:

Transmitting operating	Operating frequency 2400 – 2483 MHz: 30MHz - 2387MHz ; 2.5μW/MHz or less 2387MHz – 2400MHz ; 25μW/MHz or less 2483.5MHz – 2496.5MHz ; 25μW/MHz or less 2496.5MHz – 12.5GHz ; 2.5μW/MHz or less
------------------------	--

Note:

30MHz-2387MHz

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

2387MHz-2400MHz

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

2483.5MHz-2496.5MHz

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

2496.5MHz-12500MHz

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



3.6 Antenna Power

Test date: February 09, 2026

Temperature: 19.6°C

Humidity: 59.5%

Tester: Sky

3.85Vd.c.

GFSK

Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



$\pi/4$ DQPSK
Left





Right



8DPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



3.465Vd.c.
GFSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



$\pi/4$ QPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



8DPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



4.235Vd.c.
GFSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



$\pi / 4$ DQPSK

Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



8DPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right





Worldwide Testing Services(Taiwan) Co., Ltd.

3.85Vd.c.

Left

GFSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.85	-2.10	0.62

$\pi/4$ DQPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.85	-2.42	0.57

8DPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.85	-1.13	0.77

Right

GFSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.85	0.80	1.20

$\pi/4$ DQPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.85	1.36	1.37

8DPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.85	2.28	1.69



Worldwide Testing Services(Taiwan) Co., Ltd.

3.465Vd.c.

Left

GFSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.465	-2.19	0.60

$\pi/4$ DQPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.465	-0.86	0.82

8DPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.465	-1.59	0.69

Right

GFSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.465	1.04	1.27

$\pi/4$ DQPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.465	1.31	1.35

8DPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	3.465	2.01	1.59



Worldwide Testing Services(Taiwan) Co., Ltd.

4.235Vd.c.

Left

GFSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	4.235	-2.73	0.53

$\pi/4$ DQPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	4.235	-2.25	0.60

8DPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	4.235	-1.65	0.68

Right

GFSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	4.235	0.67	1.17

$\pi/4$ DQPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	4.235	0.55	1.14

8DPSK

Temperature	Voltage	Total conducted power	
°C	VDC	(dBm)	mW
23	4.235	2.25	1.68



Worldwide Testing Services(Taiwan) Co., Ltd.

3.85Vd.c.

Left

GFSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.62	17.574359	0.0353	-98.82%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.62	70.38461539	0.0088	-99.71%

$\pi/4$ DQPSK

Total conducted power	Spreading Bandwidth(20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.57	18.010256	0.0316	-98.95%
Total conducted power	Spreading Bandwidth(79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.57	70.38461539	0.0081	-99.73%

8DPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.77	18.016667	0.0427	-98.58%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.77	70.38461539	0.0109	-99.64%



Worldwide Testing Services(Taiwan) Co., Ltd.

Right

GFSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.20	17.574359	0.0683	-97.72%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.20	71.34615385	0.0168	-99.44%

$\pi/4$ DQPSK

Total conducted power	Spreading Bandwidth(20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.37	18.016667	0.0760	-97.47%
Total conducted power	Spreading Bandwidth(79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.37	71.34615385	0.0192	-99.36%

8DPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.69	18.016667	0.0938	-96.87%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.69	71.34615385	0.0237	-99.21%



Worldwide Testing Services(Taiwan) Co., Ltd.

3.465Vd.c.

Left

GFSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.60	17.567949	0.0342	-98.86%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.60	70.38461539	0.0085	-99.72%

$\pi/4$ DQPSK

Total conducted power	Spreading Bandwidth(20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.82	18.010256	0.0455	-98.48%
Total conducted power	Spreading Bandwidth(79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.82	70.38461539	0.0117	-99.61%

8DPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.69	18.016667	0.0383	-98.72%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.69	70.38461539	0.0098	-99.67%



Worldwide Testing Services(Taiwan) Co., Ltd.

Right

GFSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.27	17.574359	0.0723	-97.59%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.27	71.34615385	0.0178	-99.41%

$\pi/4$ DQPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.35	18.016667	0.0749	-97.50%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.35	71.34615385	0.0189	-99.37%

8DPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.59	18.016667	0.0883	-97.06%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.59	71.34615385	0.0223	-99.26%



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4.235Vd.c.

Left

GFSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.53	17.567949	0.0302	-98.99%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.53	70.38461539	0.0075	-99.75%

$\pi/4$ DQPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.6	18.010256	0.0333	-98.89%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.6	70.38461539	0.0085	-99.72%

8DPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.68	18.016667	0.0377	-98.74%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
0.68	70.38461539	0.0097	-99.68%



Worldwide Testing Services(Taiwan) Co., Ltd.

Right

GFSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.17	17.574359	0.0666	-97.78%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.17	71.34615385	0.0164	-99.45%

$\pi/4$ DQPSK

Total conducted power	Spreading Bandwidth(20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.14	18.016667	0.0633	-97.89%
Total conducted power	Spreading Bandwidth(79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.14	71.34615385	0.0160	-99.47%

8DPSK

Total conducted power	Spreading Bandwidth (20 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.68	18.016667	0.0932	-96.89%
Total conducted power	Spreading Bandwidth (79 channels)	Result	Tolerance
(mW)	(MHz)	(mW/MHz)	(mW/MHz)
1.68	71.34615385	0.0235	-99.22%

Rated output power

3mW/MHz (20, 79 channels minimum)

Explanation: ./.

Limits:

Under all test conditions	Conducted	(1) FH, FH+DS, FH+OFDM: 3mW/MHz or less (used in the range of 2427 - 2470.75MHz) (2) Other than (1) of OFDM & DS : 10mW/MHz or less (3) Other than (1) & (2) : 10mW or less Tolerance: +20%
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3.7 E.I.R.P.

A represents the value determined by dividing an equivalent isotropically radiated power by the value obtained by applying an antenna power with the mean power of Normal/EDR: 3mW/MHz to the transmitting antenna with its absolute gain being 2.14 dBi, and shall be 1 when it is lower than 1.

Test date: February 06, 2026

Temperature: 22.1°C

Humidity: 59.9%

Tester: Sky

Normal/EDR

Highest Antenna Power	mW/MHz	dBm/MHz
	0.0938	-10.28

Maximum Antenna gain (dBi)	Highest Antenna Power (dBm/MHz)	EIRP (dBm/MHz)	Limit (dBm/MHz)
2.78	-10.28	-7.50	6.91

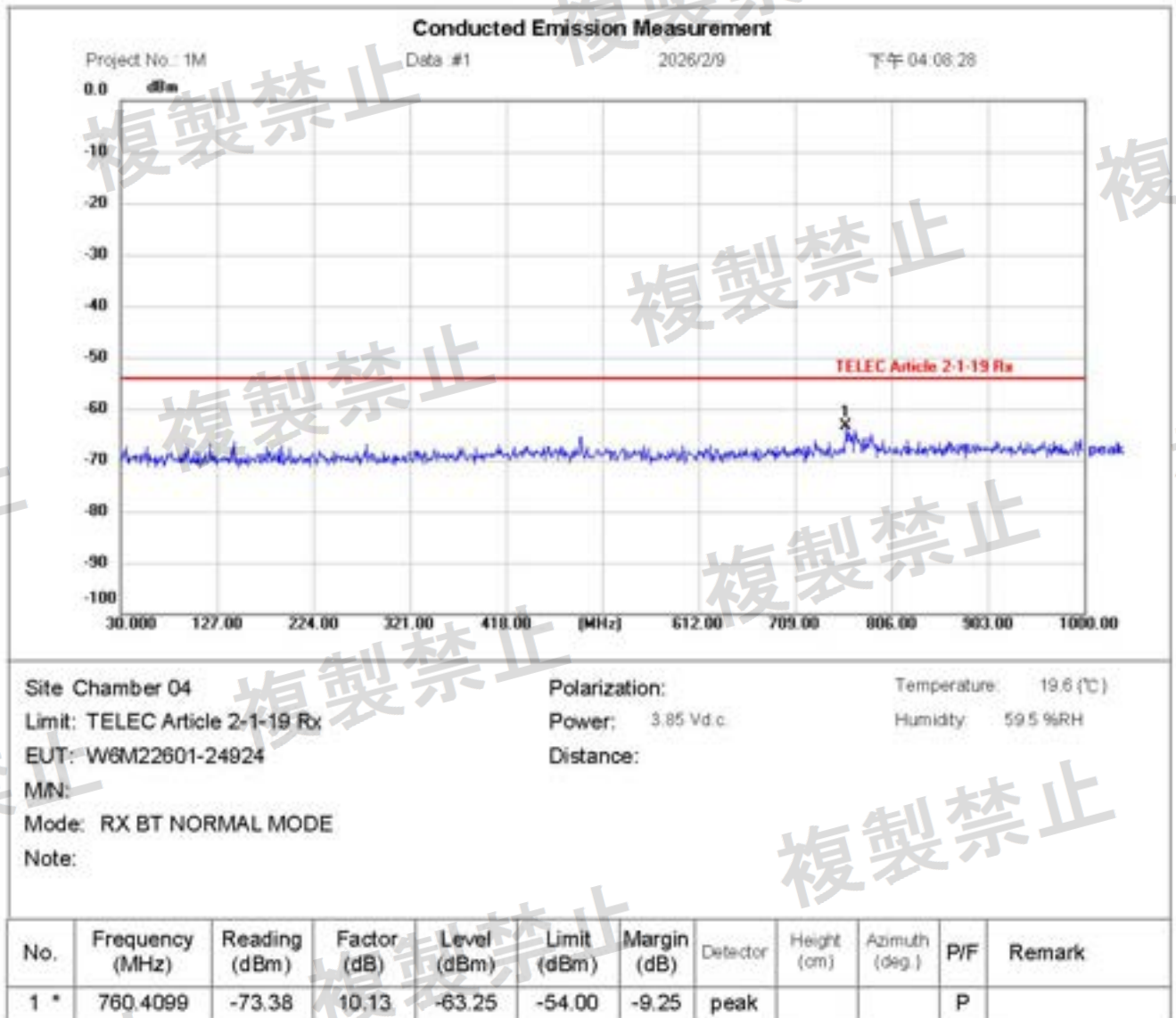
Limits:

Modulation	FHSS	Other method (except SS&OFDM)
Frequency Range	2427-2470.75MHz	2400-2483.5 MHz (except 2427-2470.75MHz)
E.I.R.P.	12.14-22.14 dBm/MHz	12.14-22.14 dBm



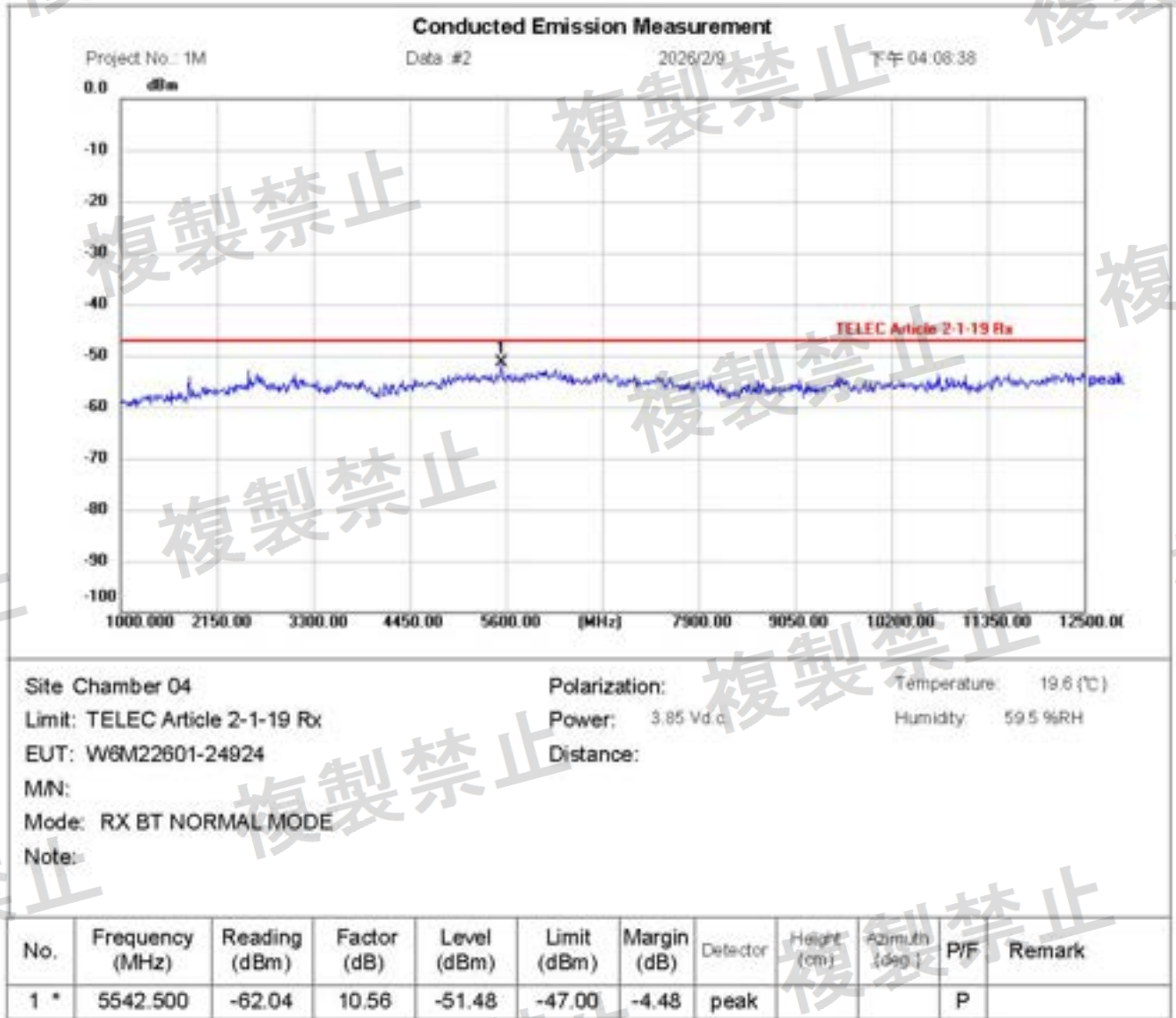
3.8 Spurious emission receiver

Left



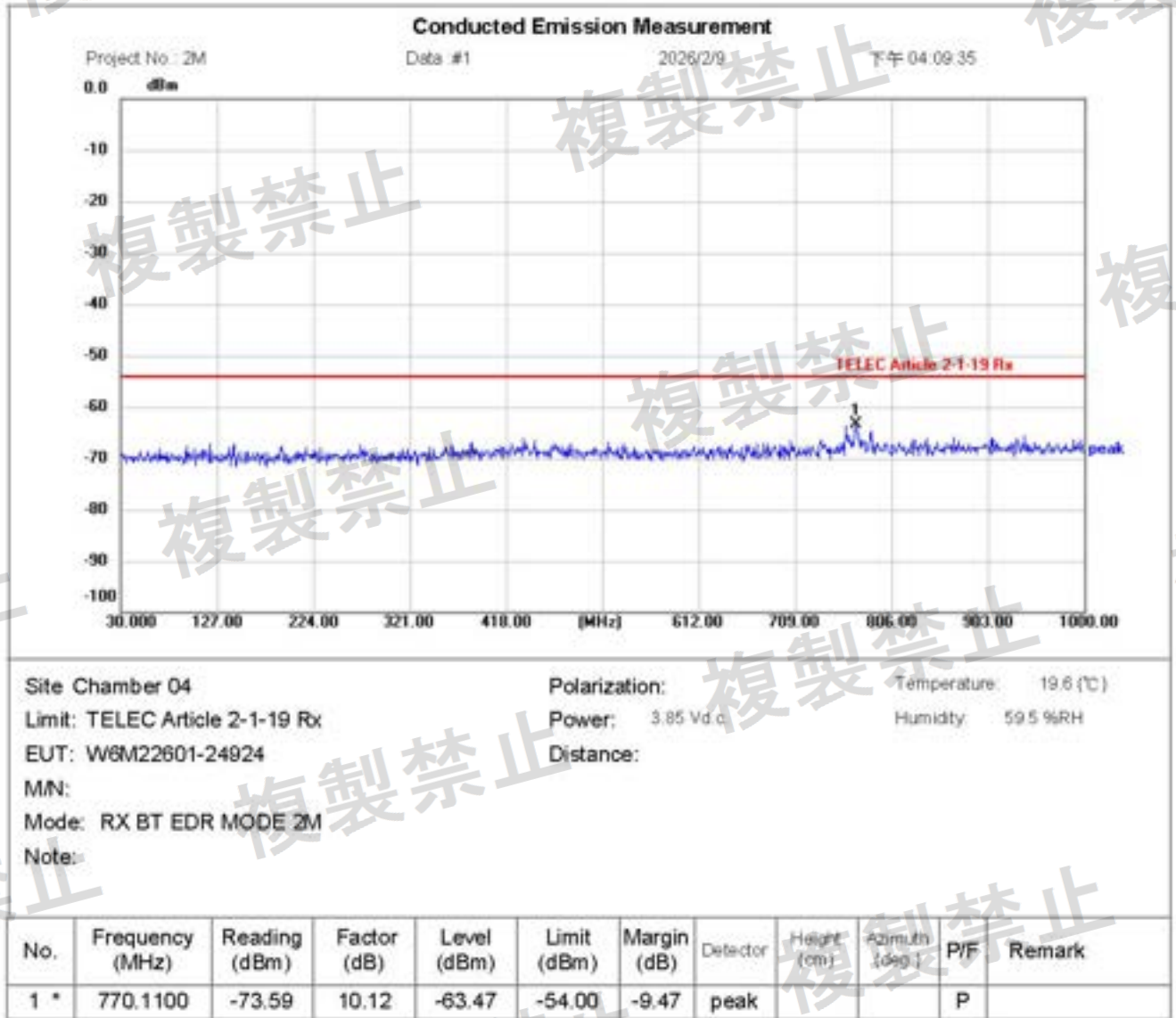


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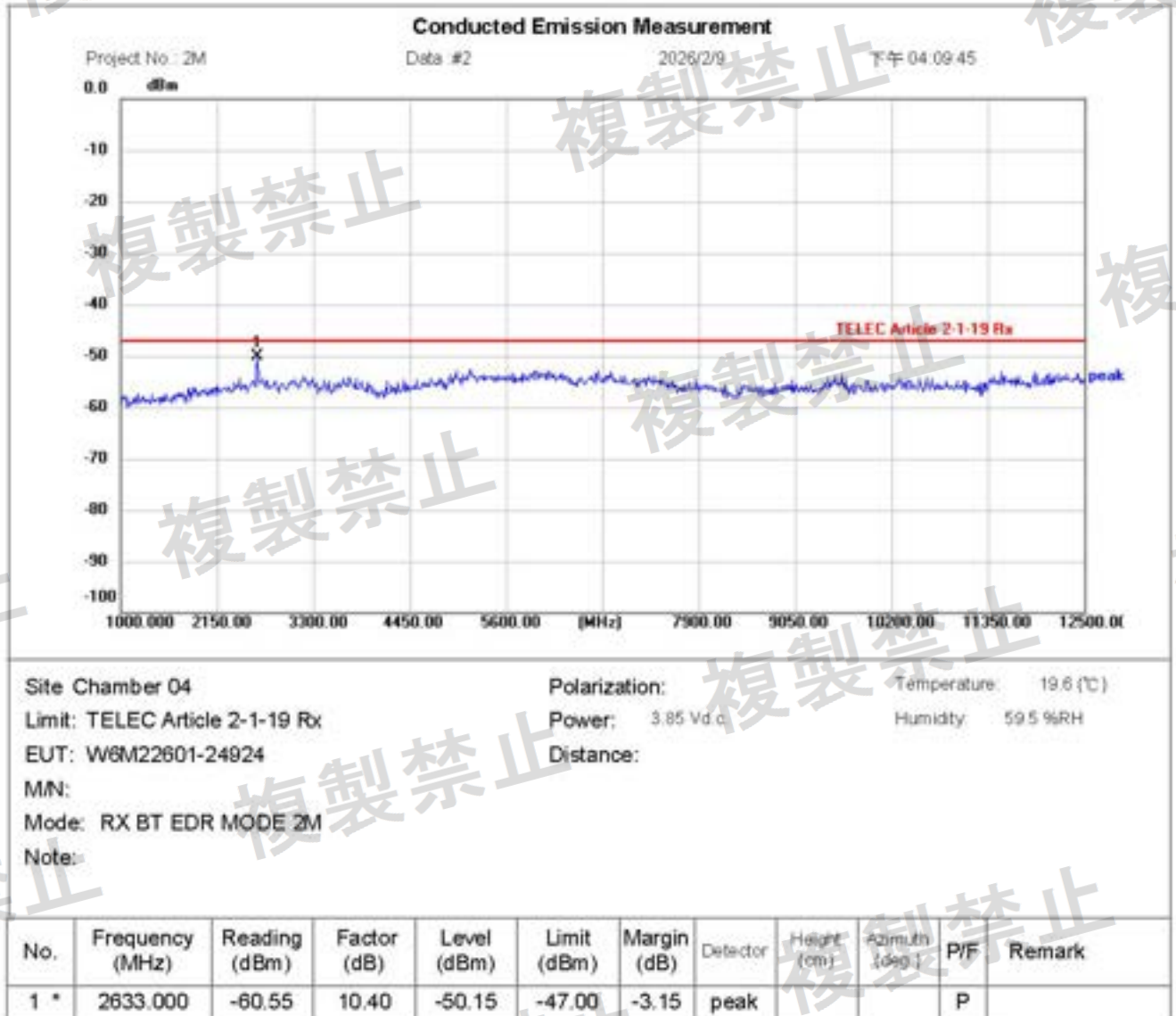


Worldwide Testing Services(Taiwan) Co., Ltd.



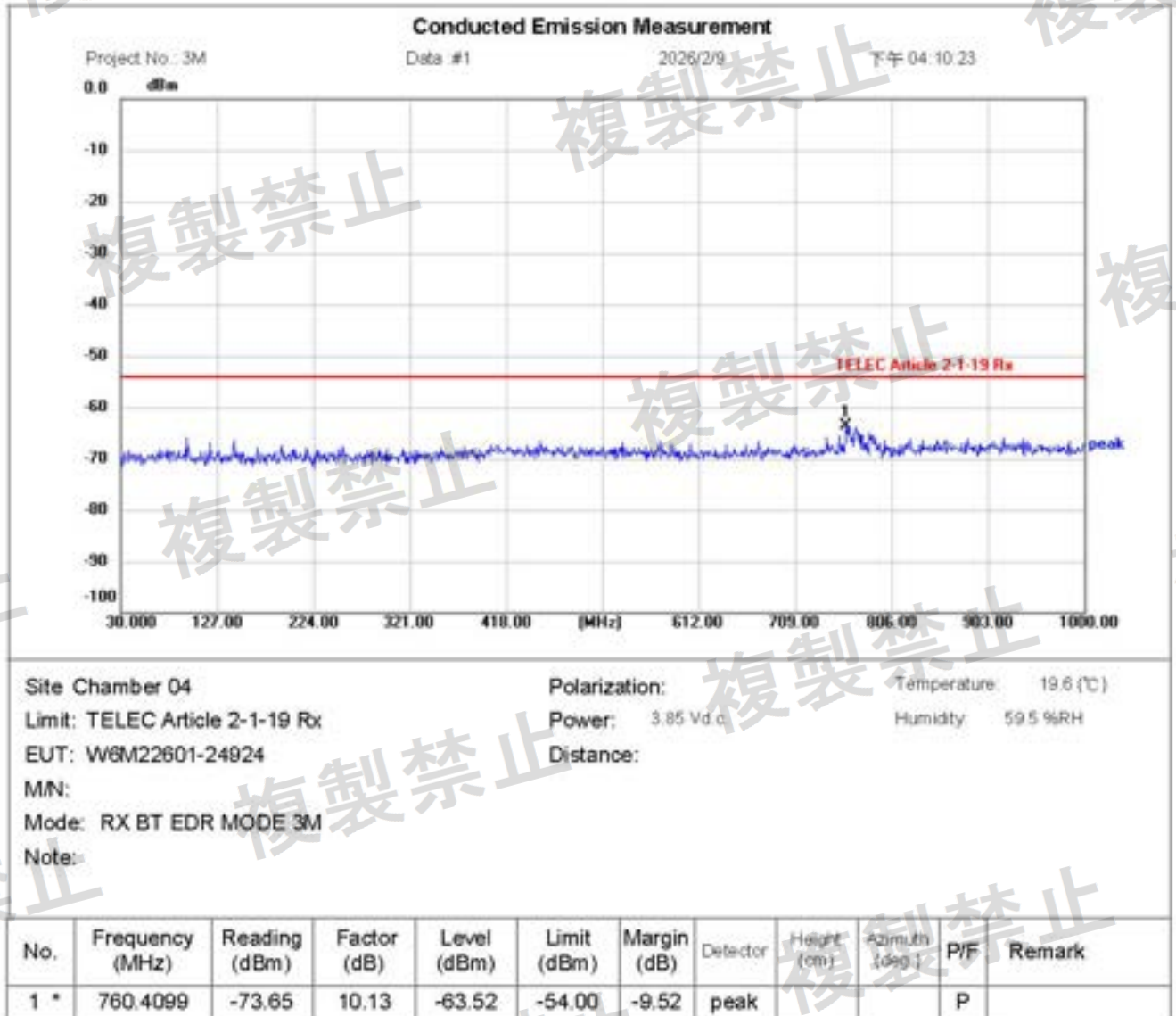


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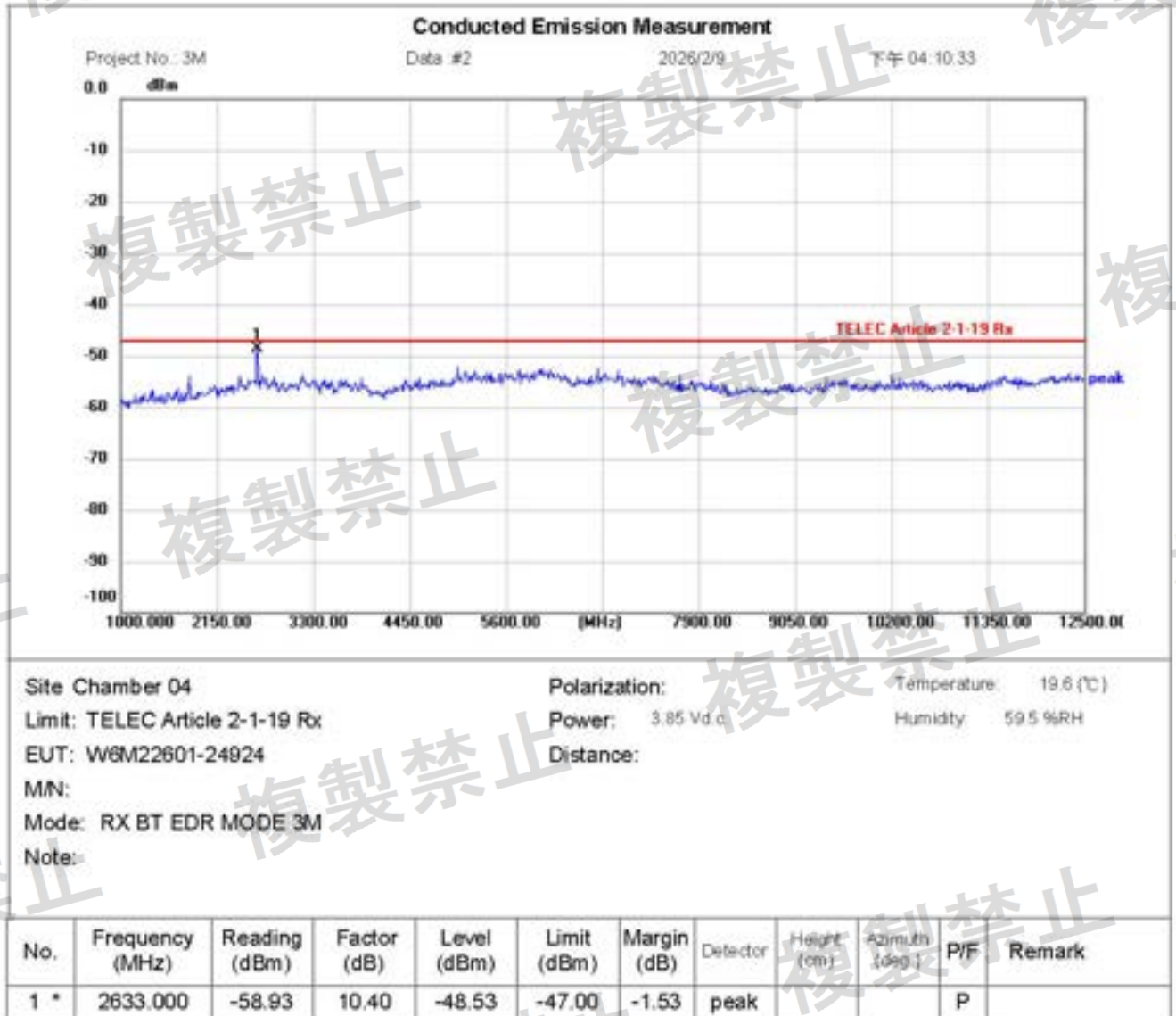


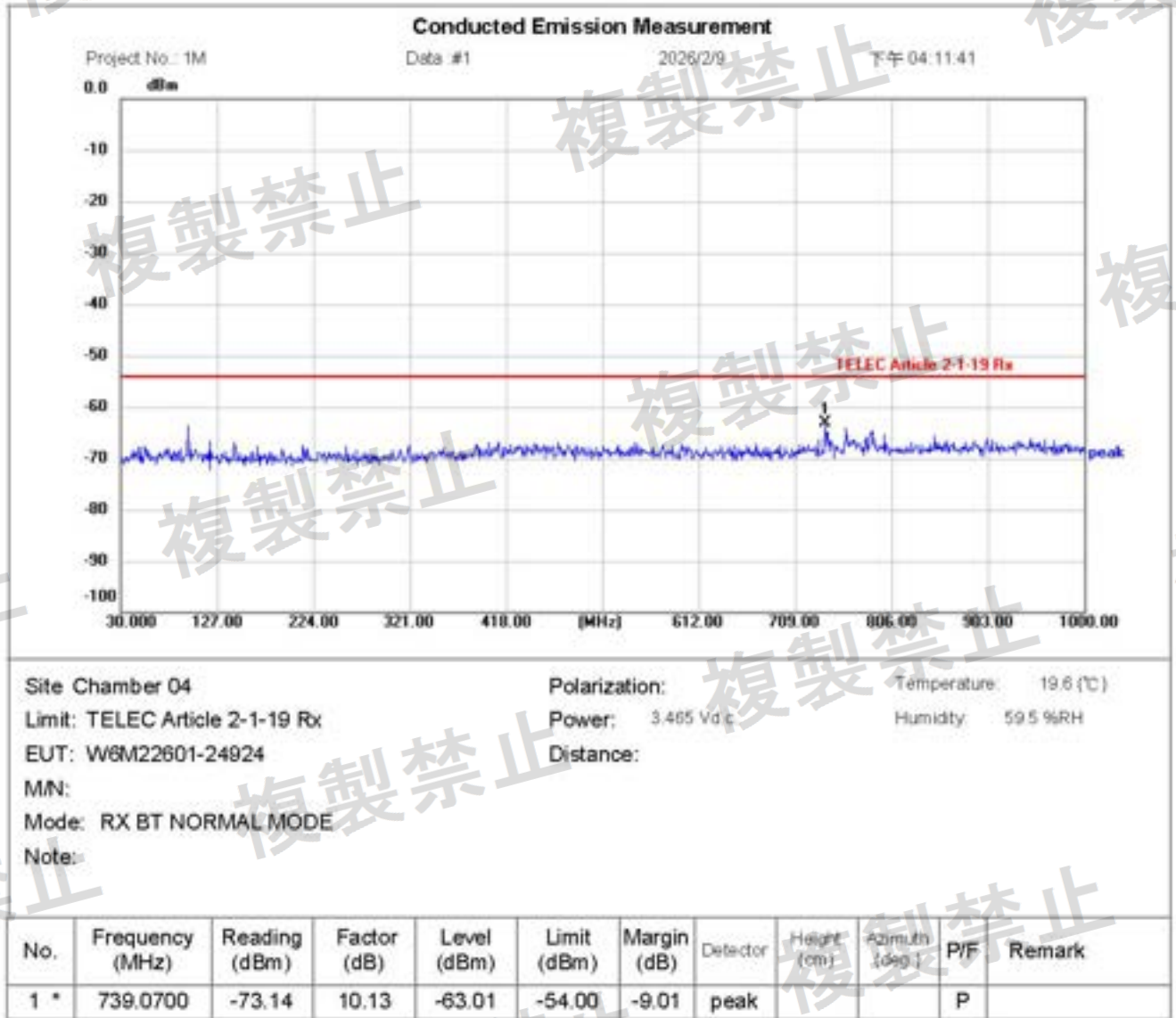
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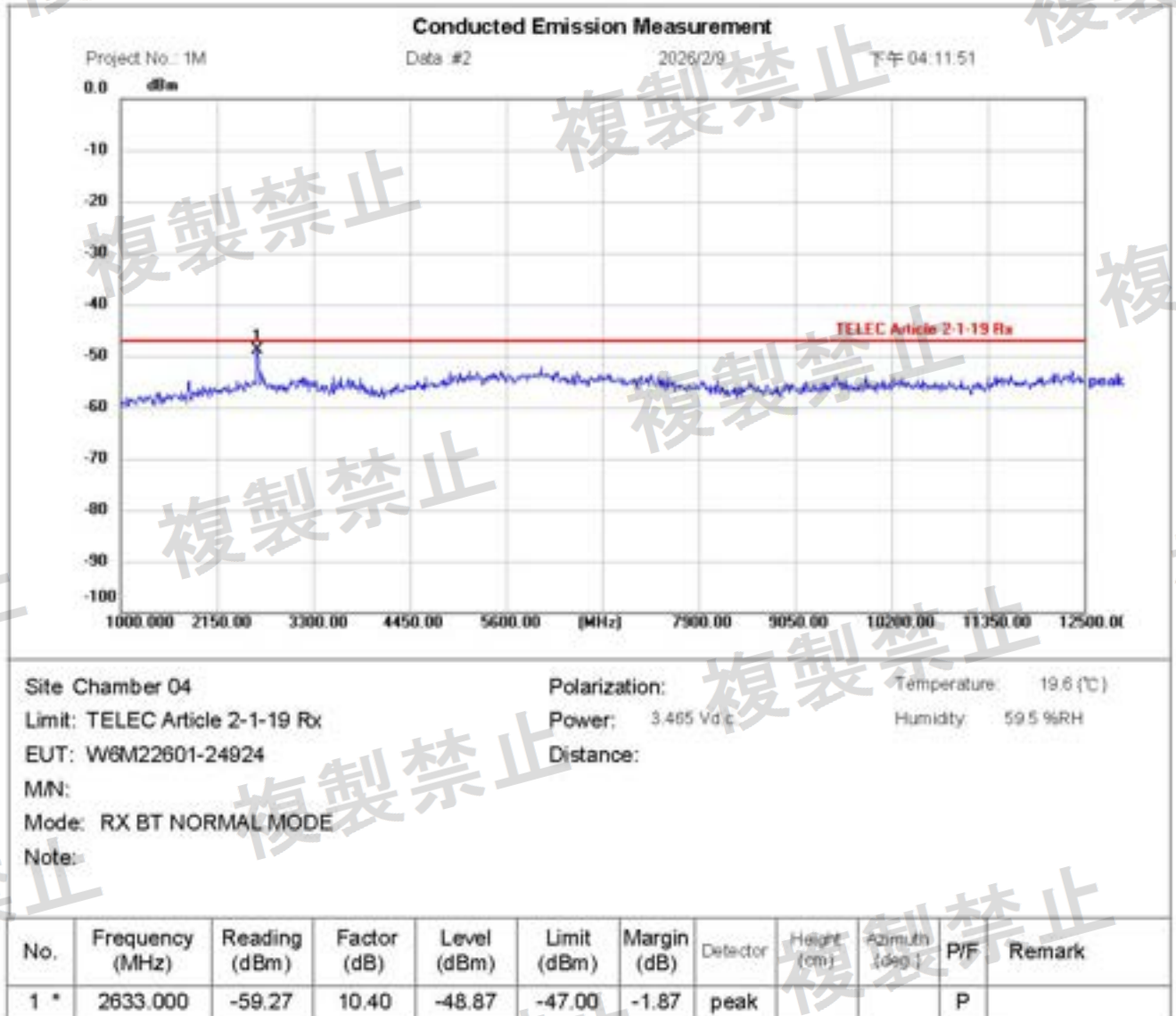
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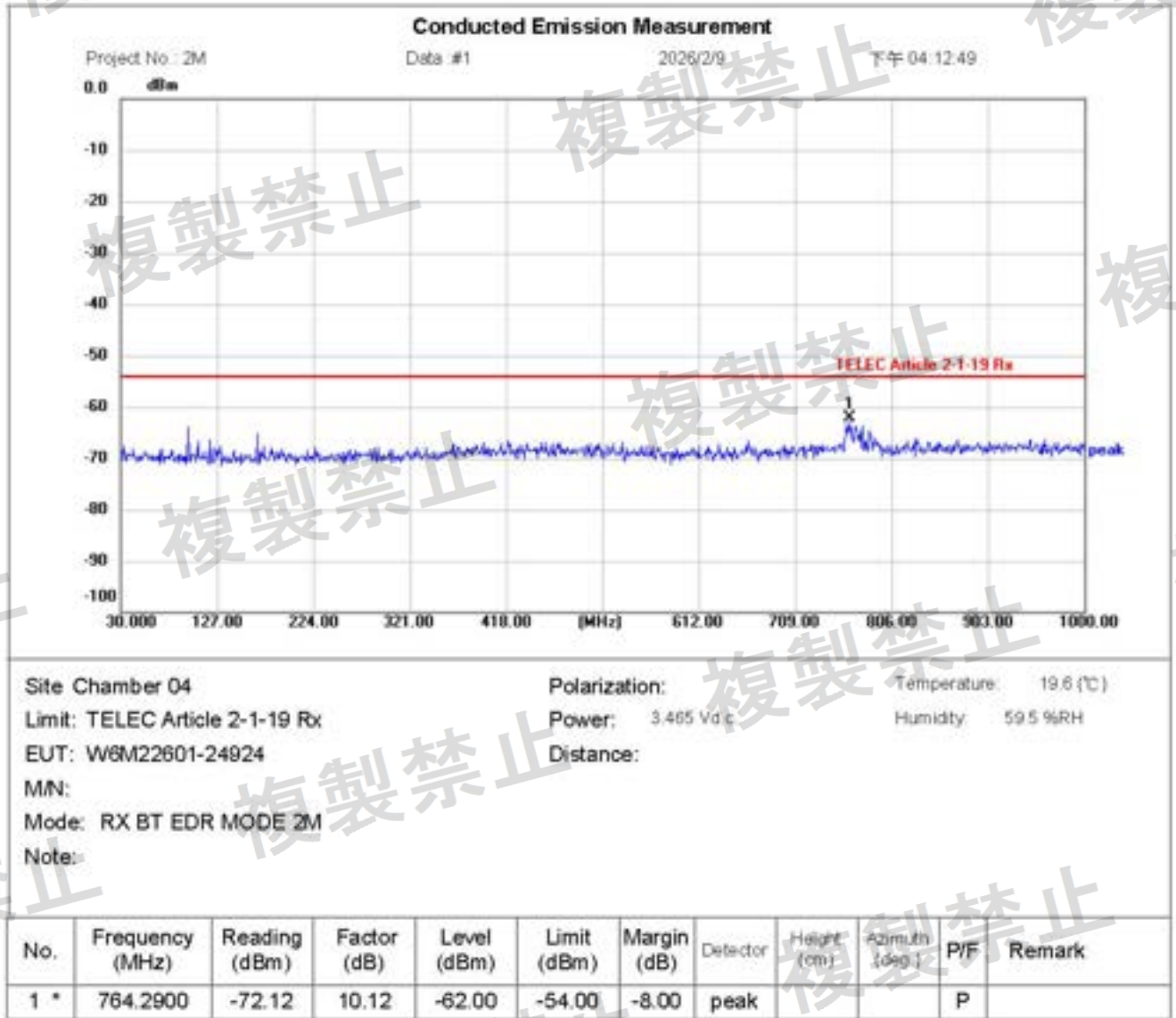


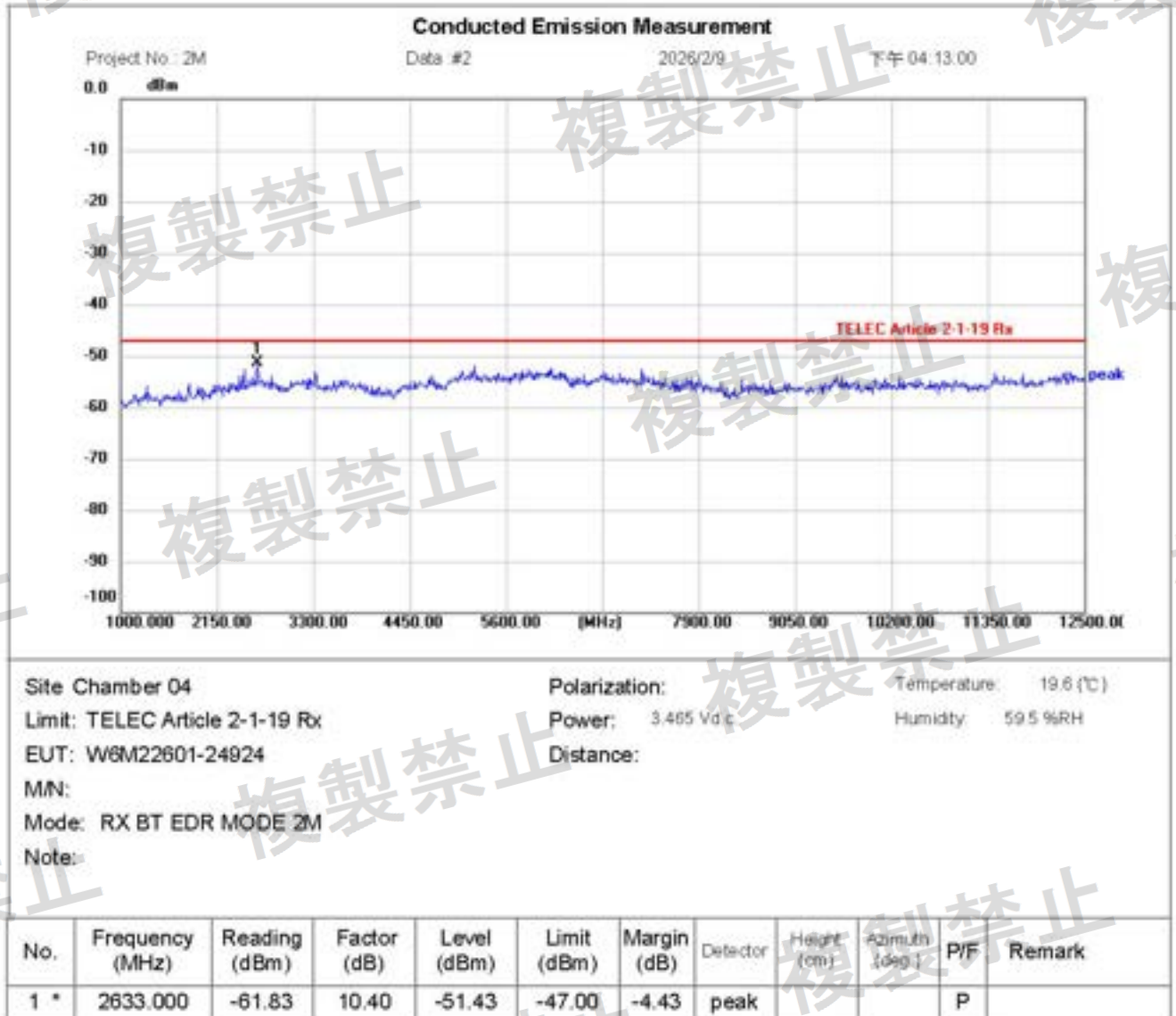




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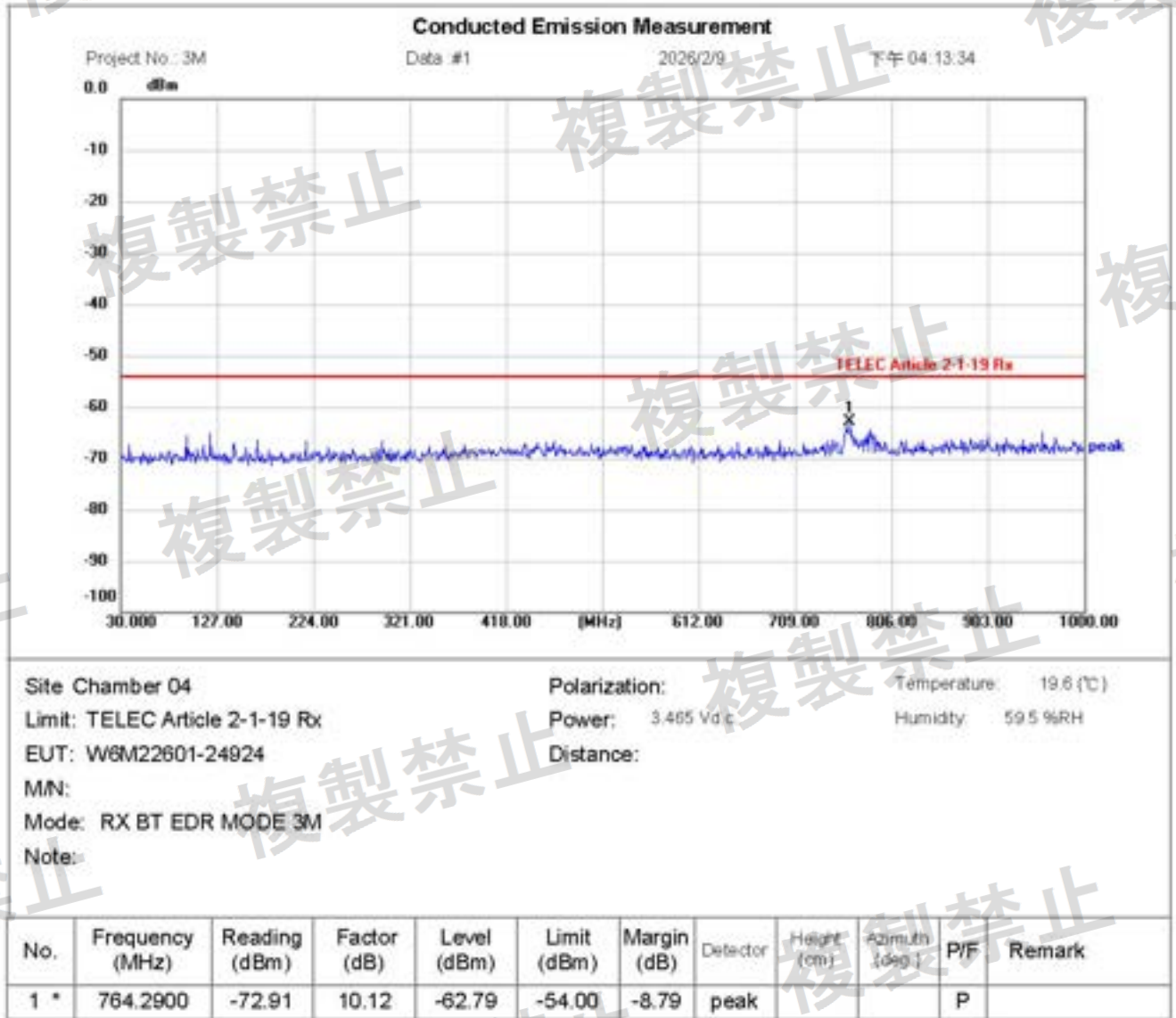


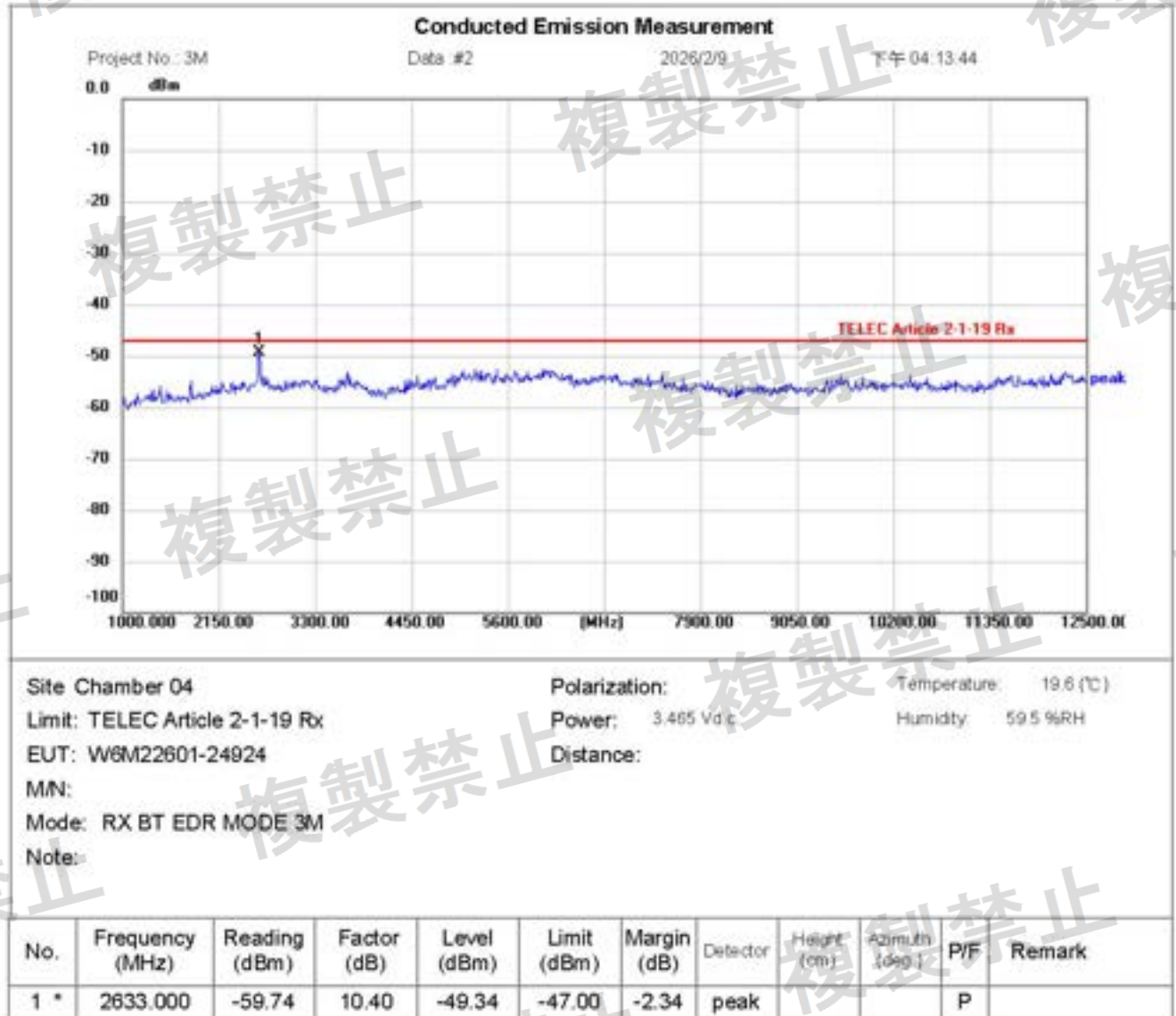


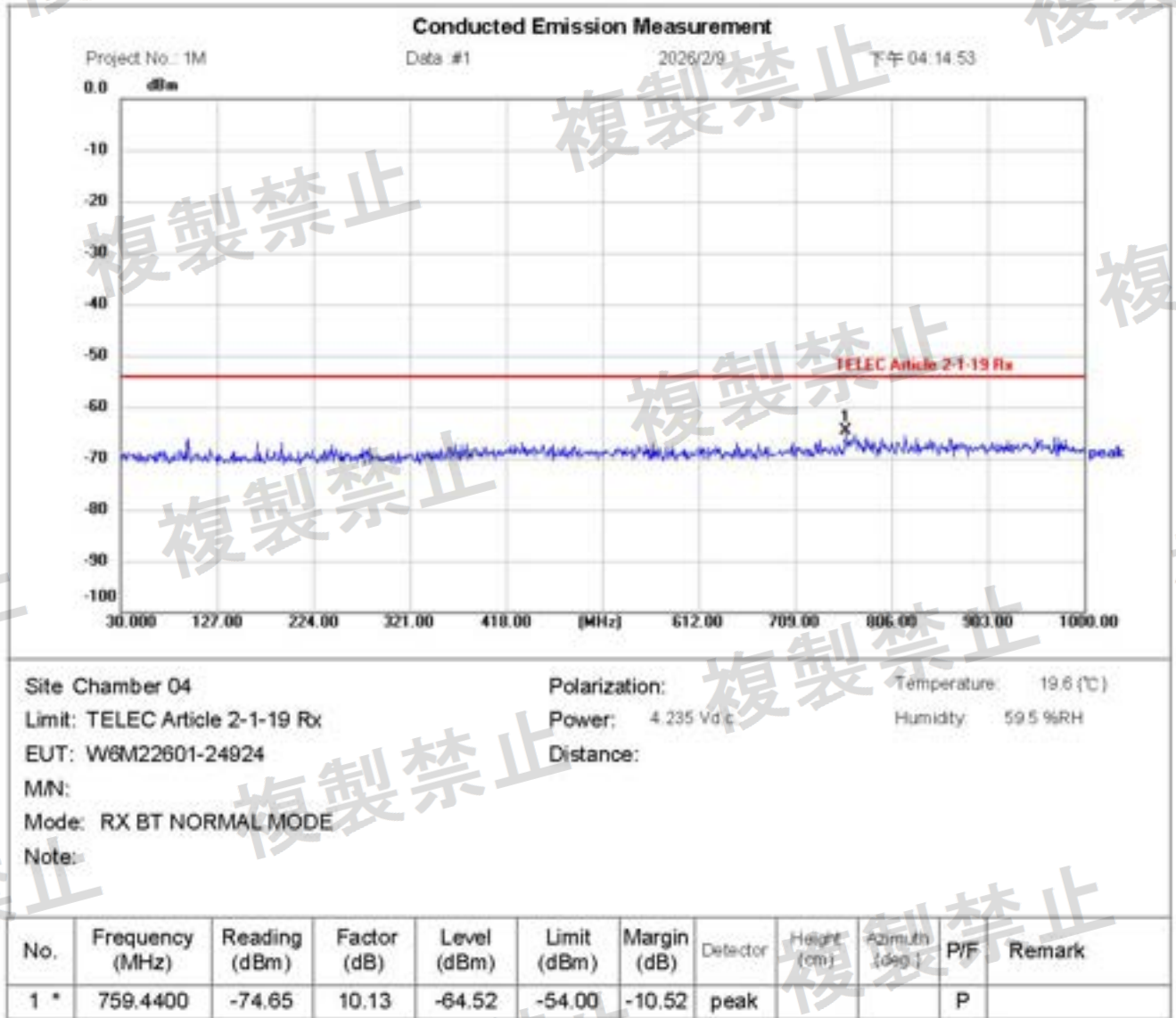




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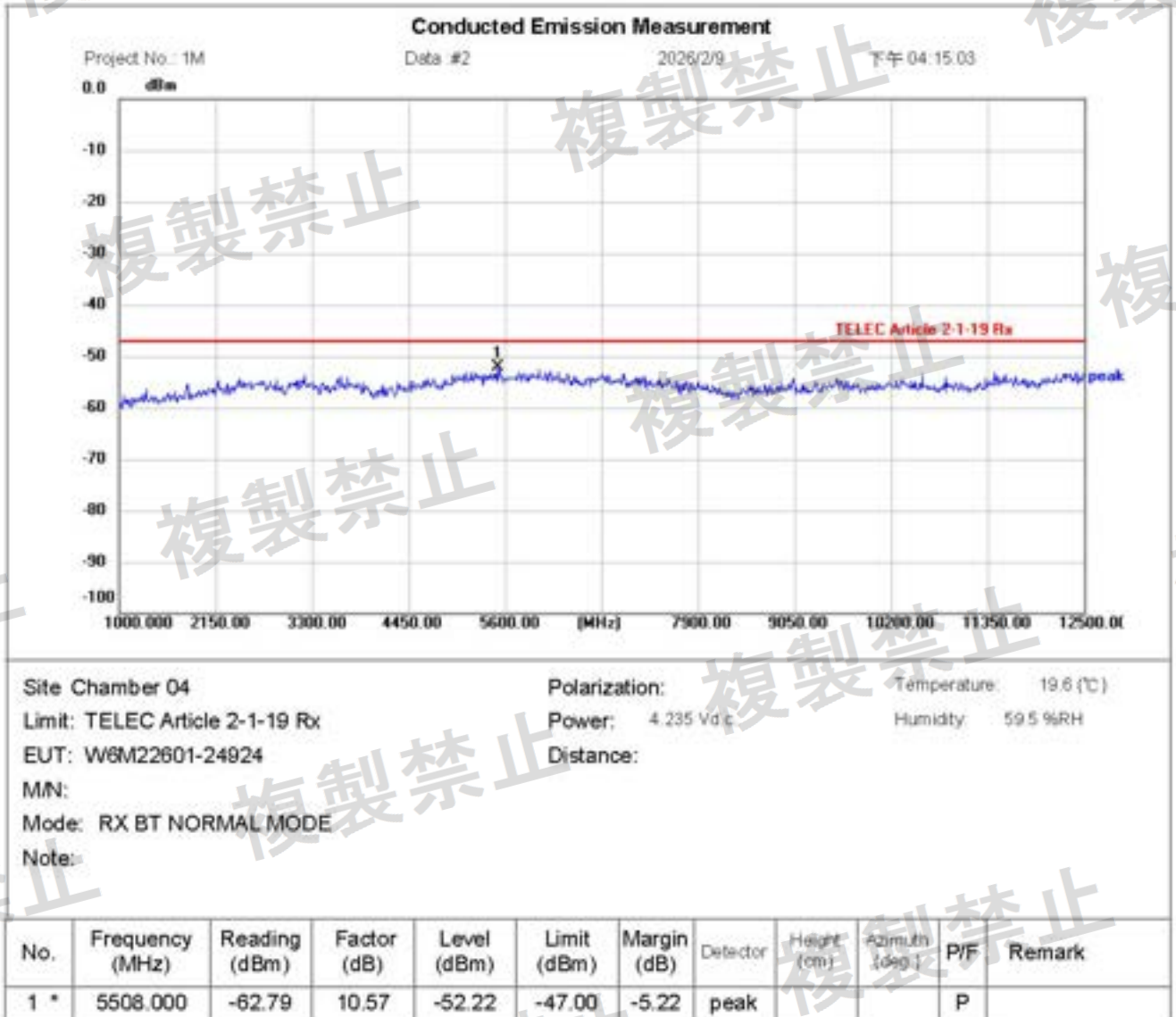






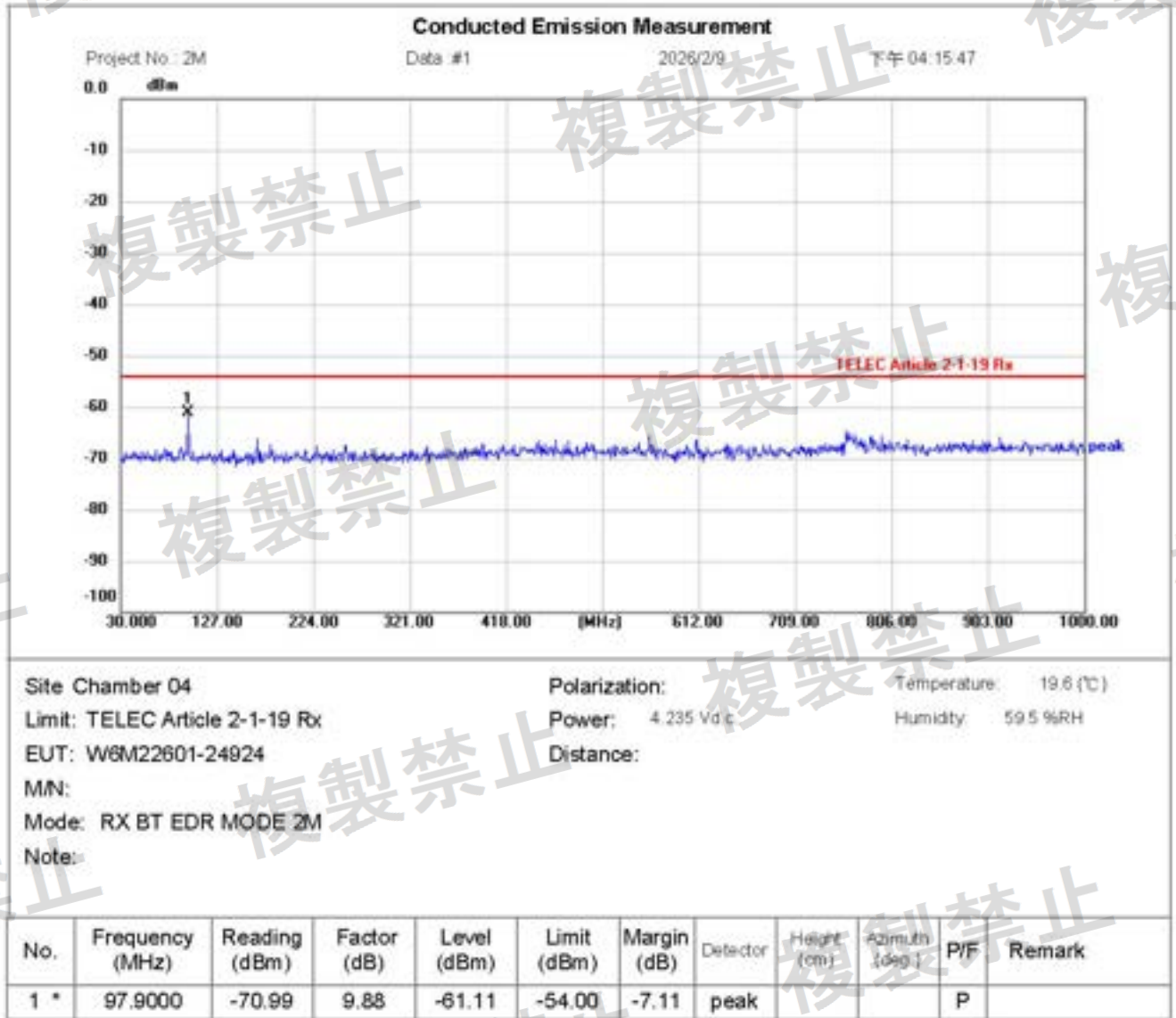


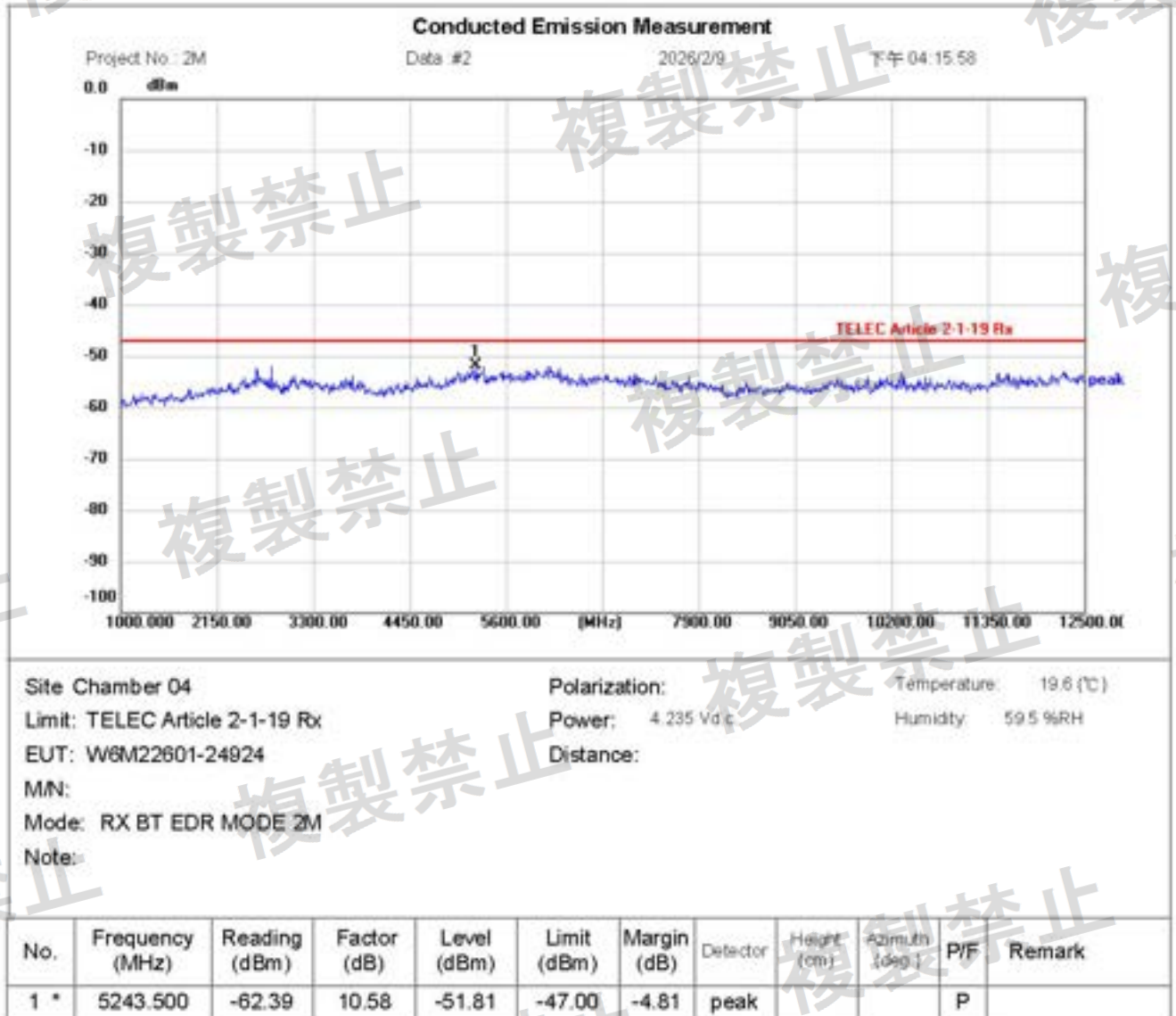
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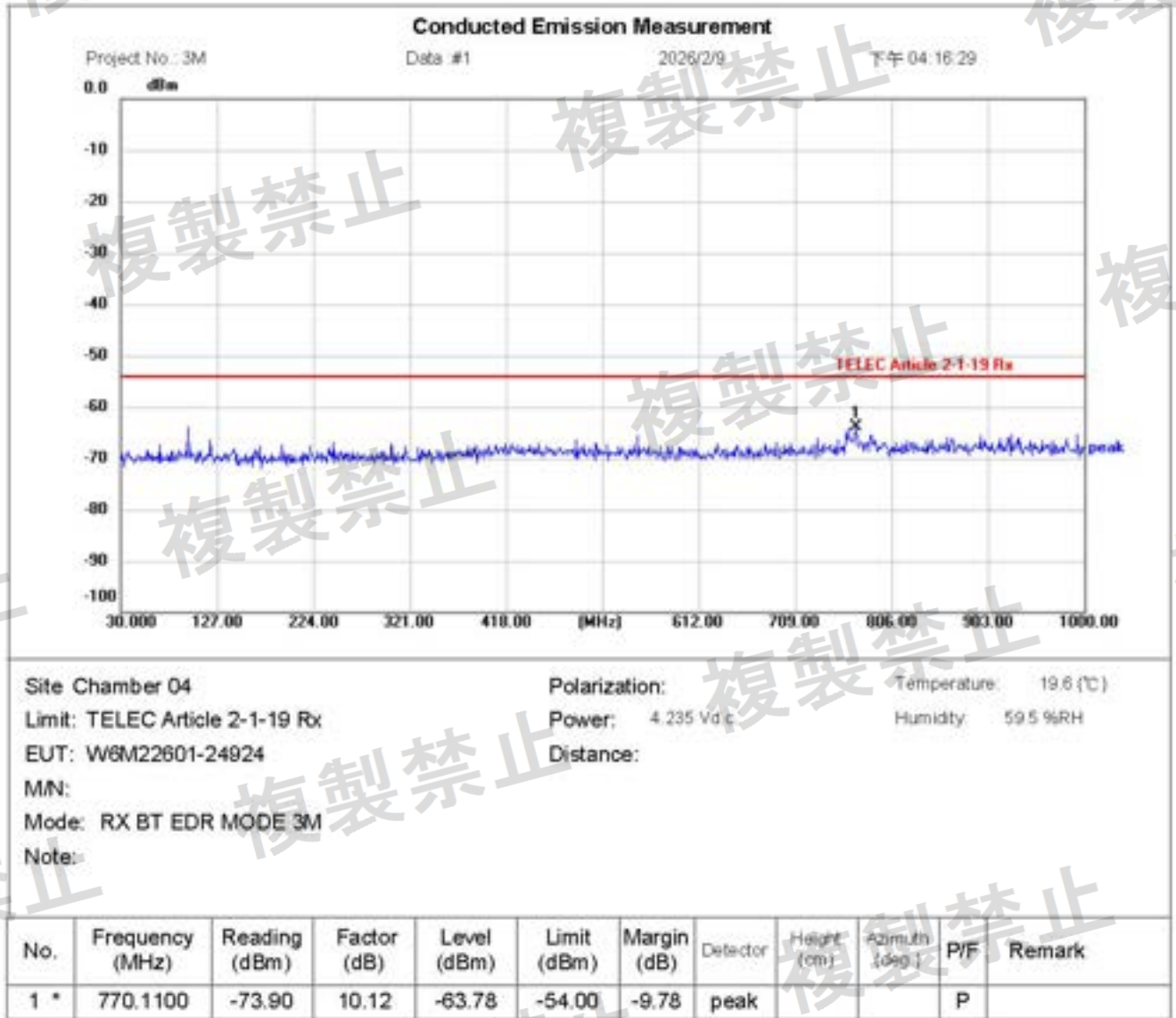


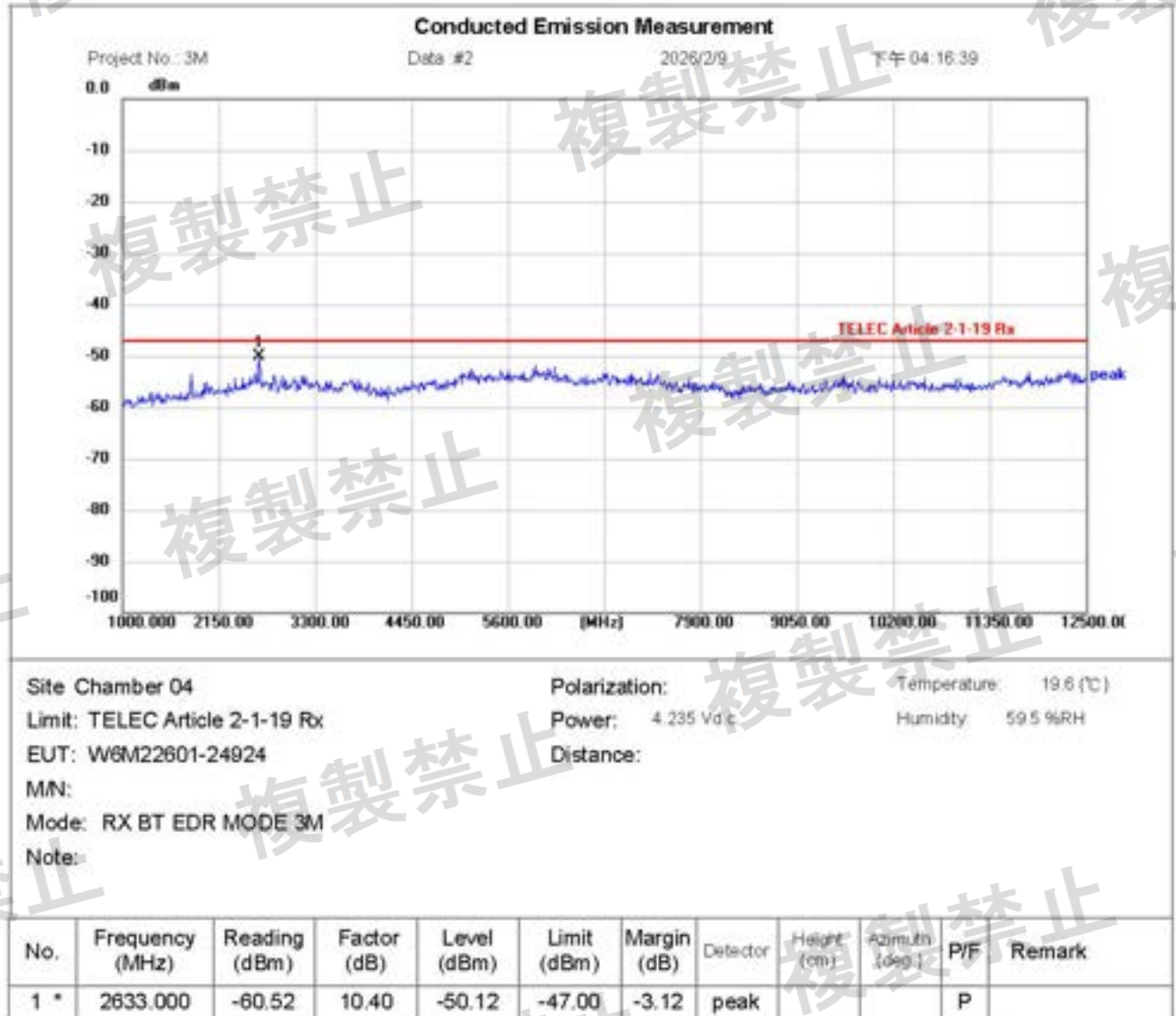


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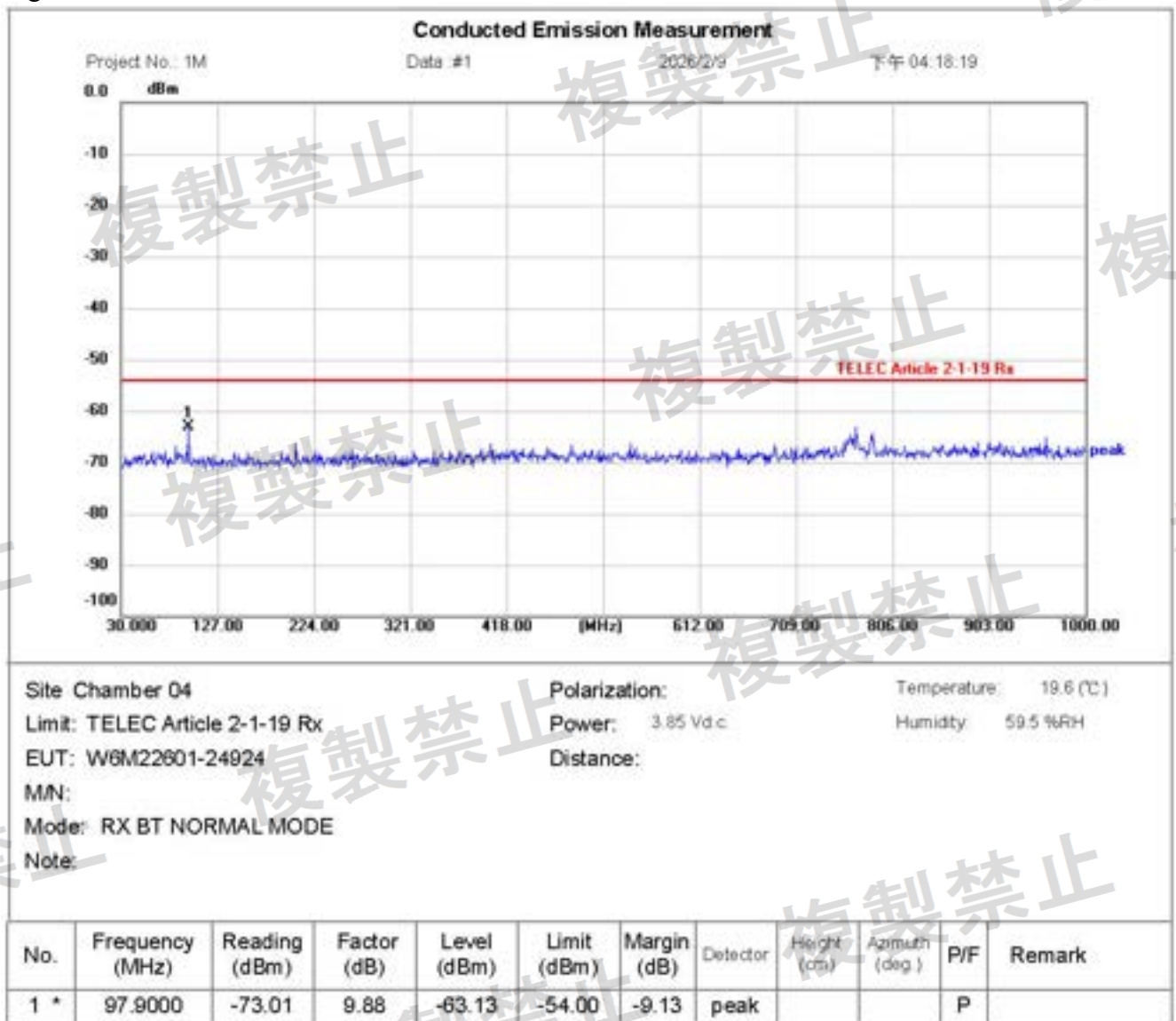


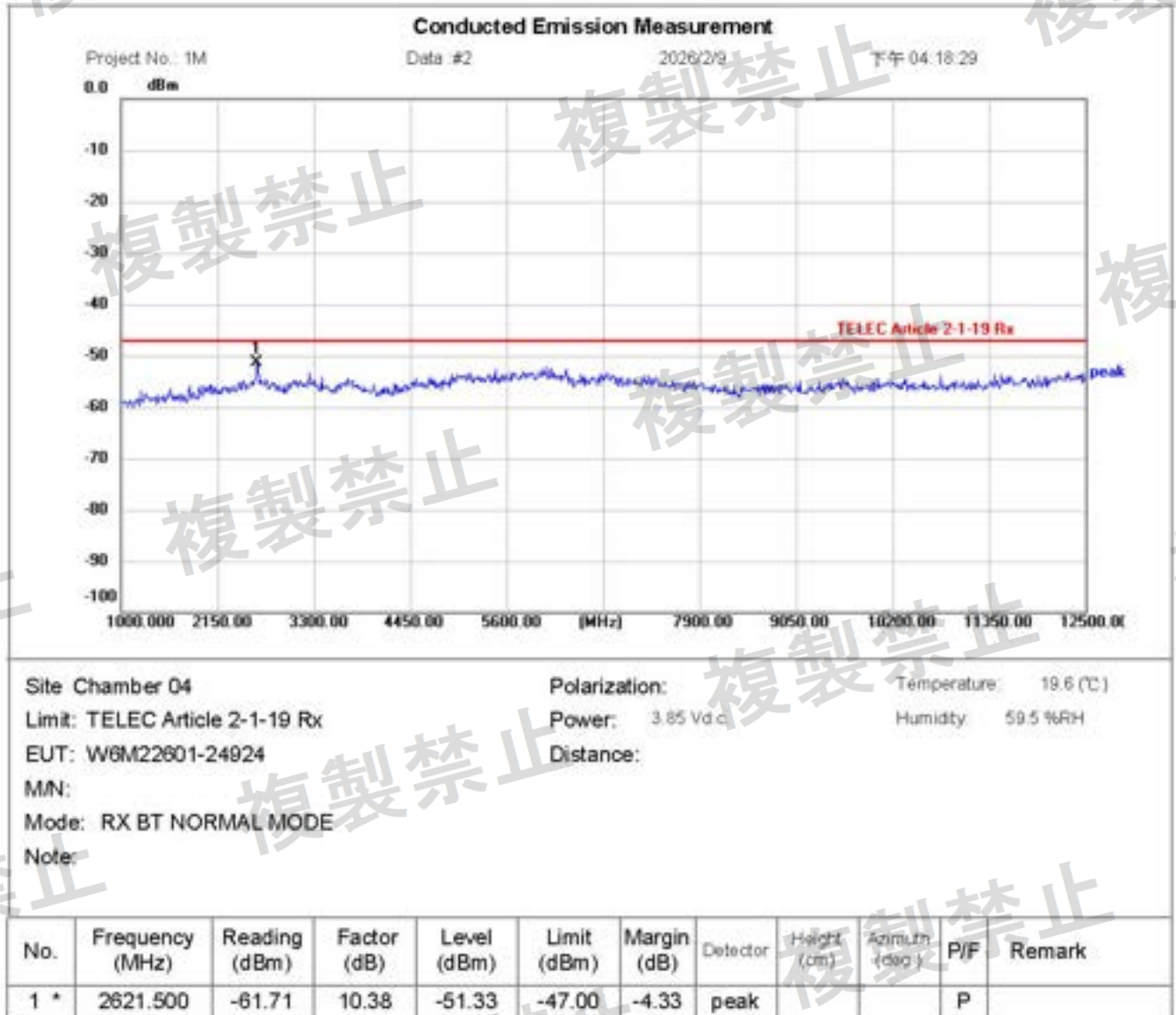






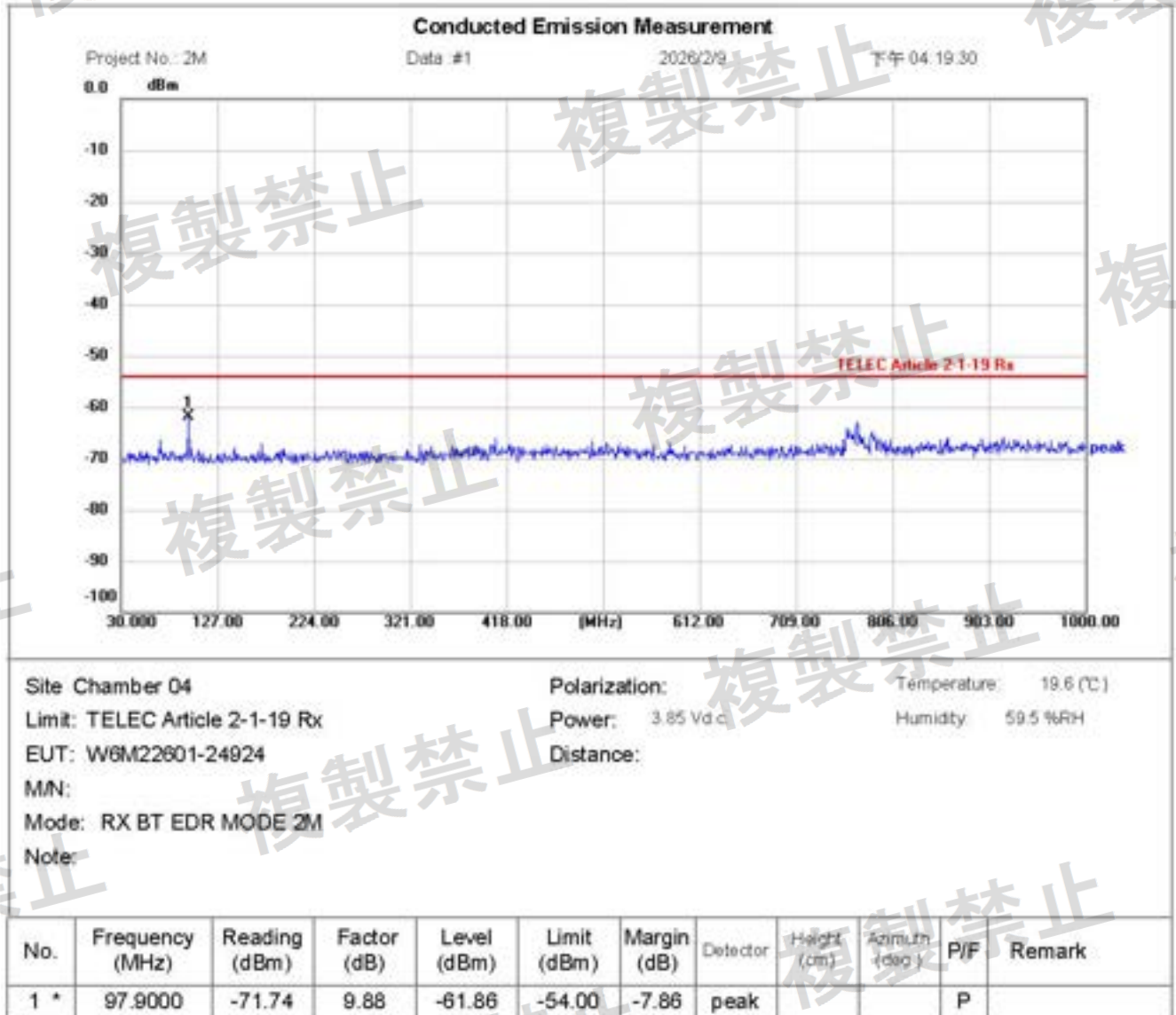
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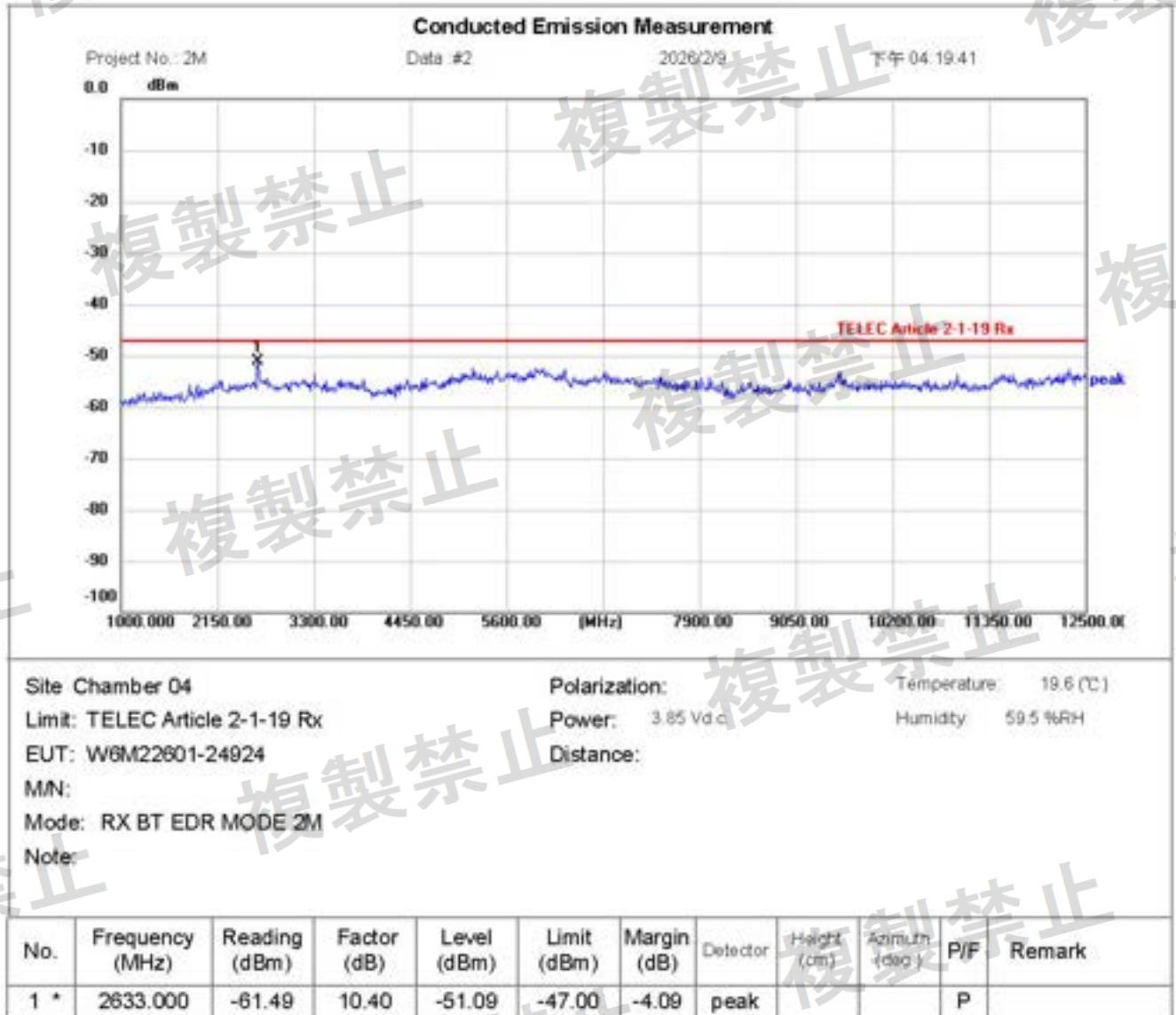


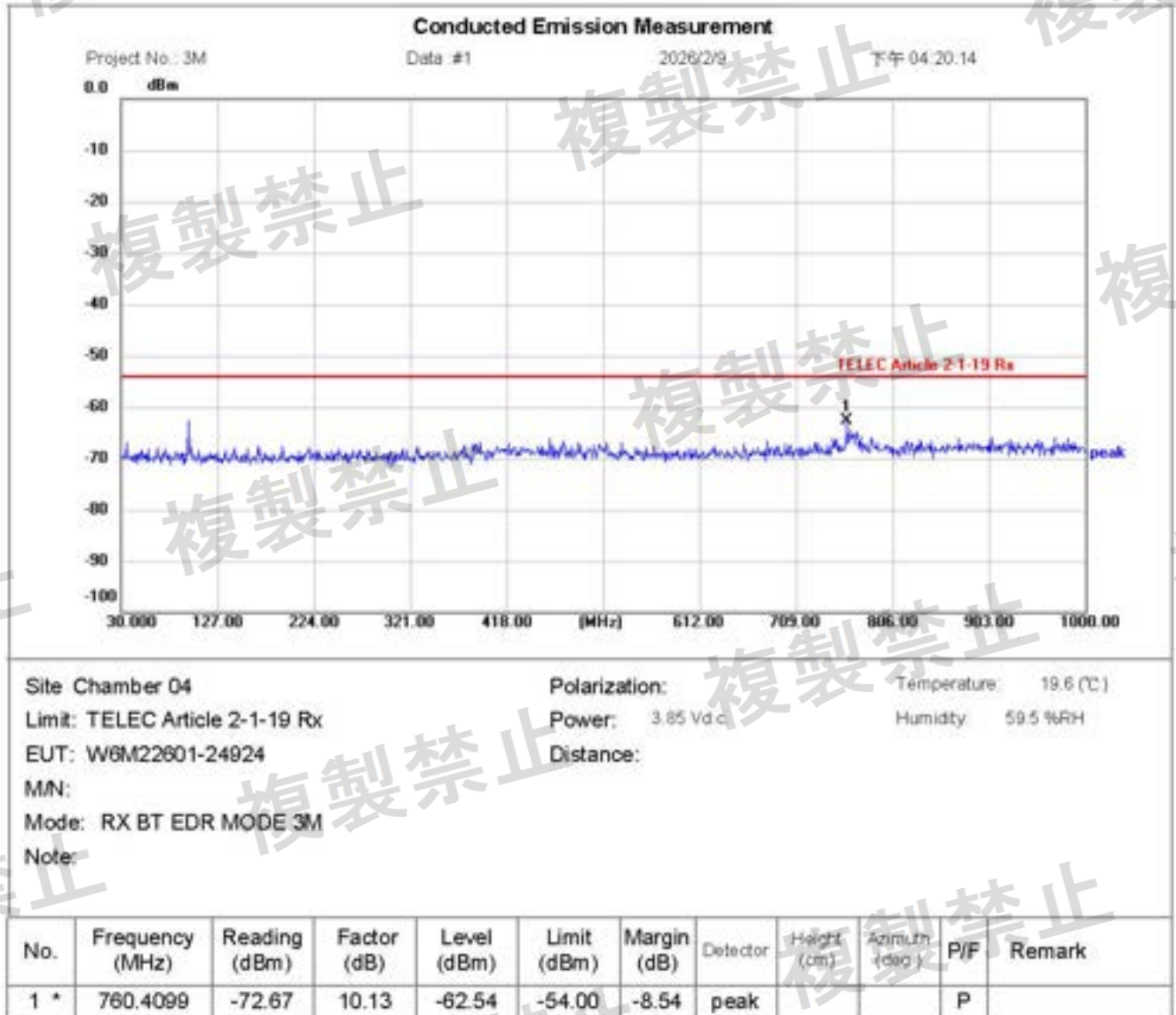
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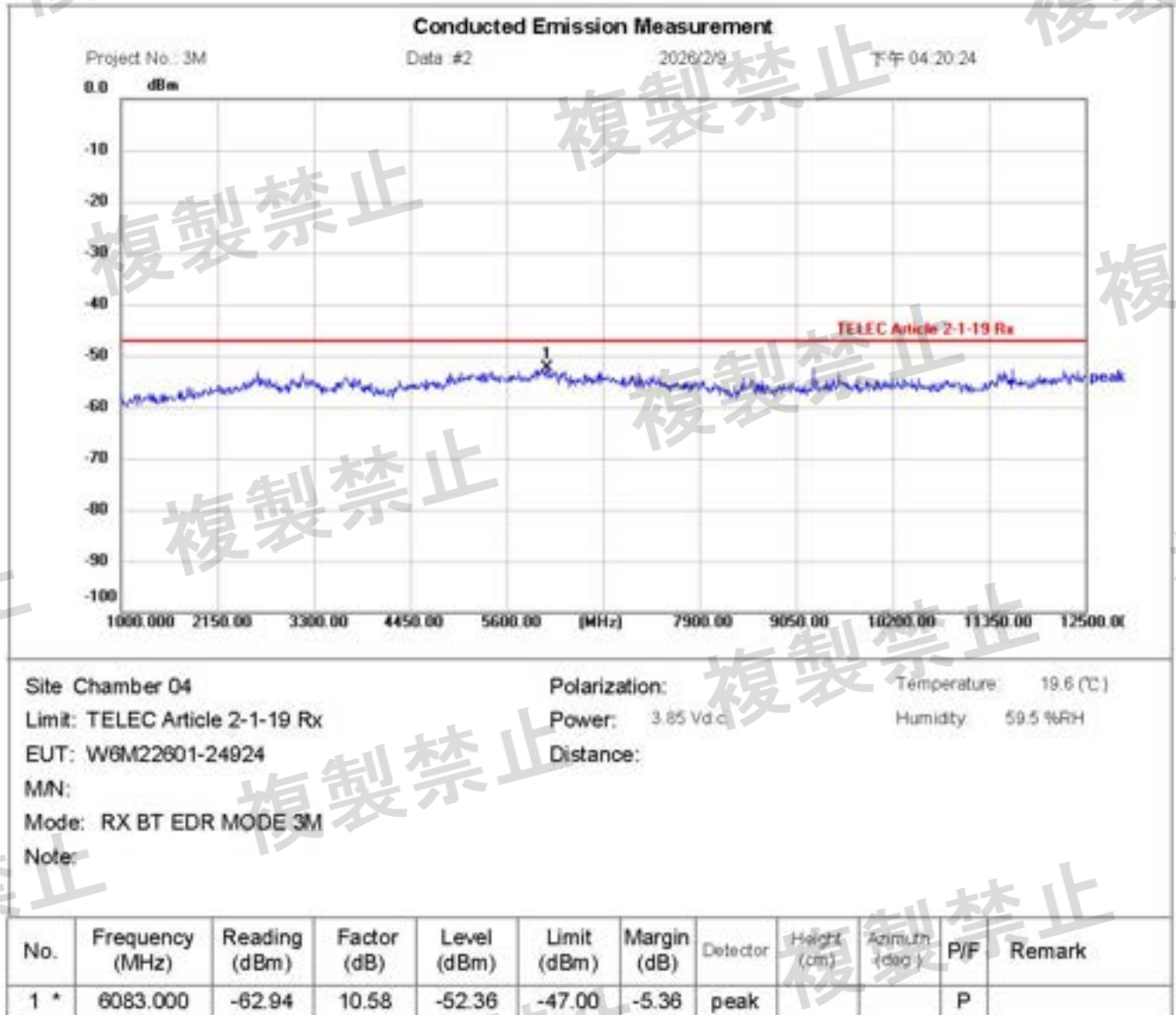
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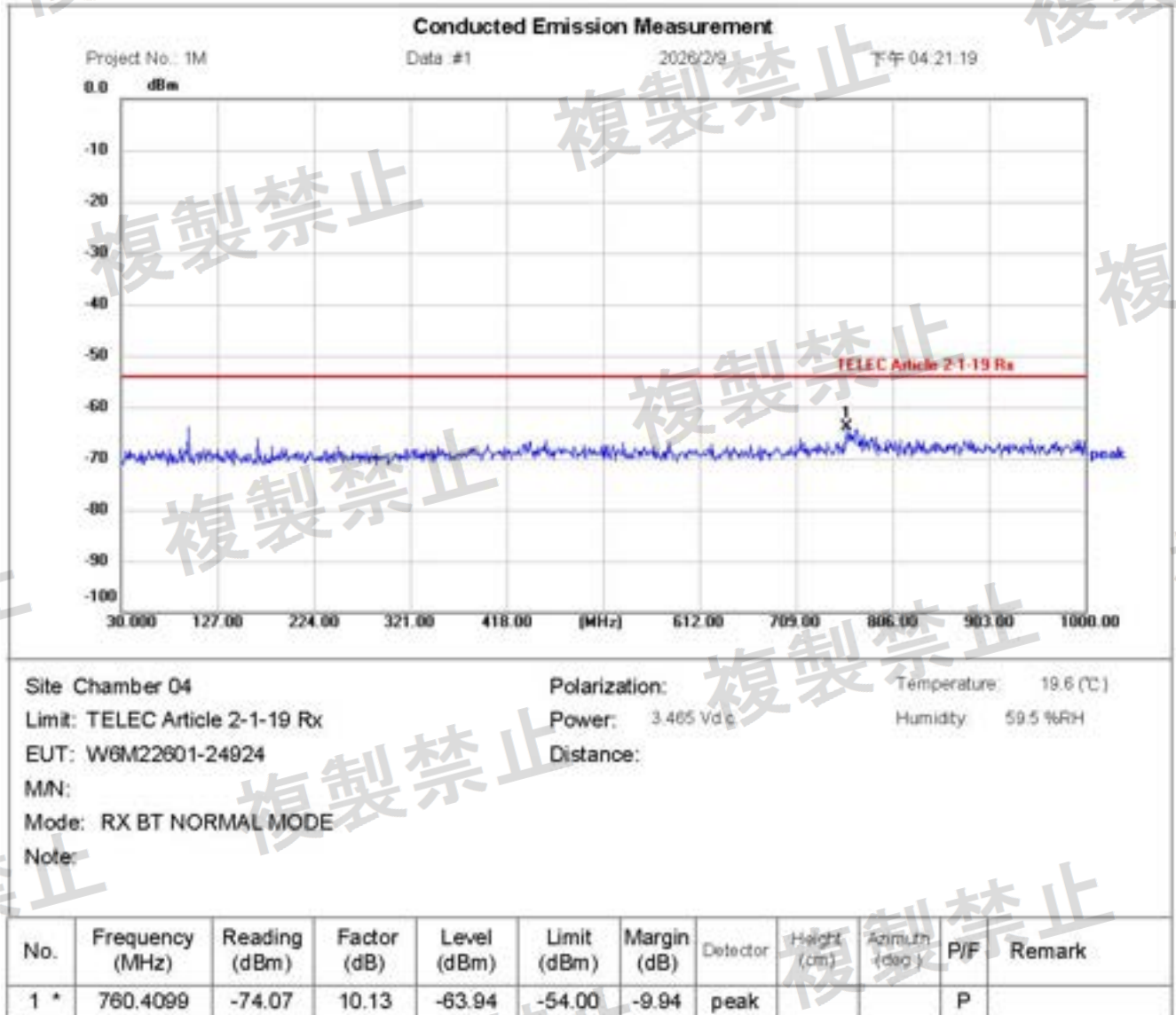


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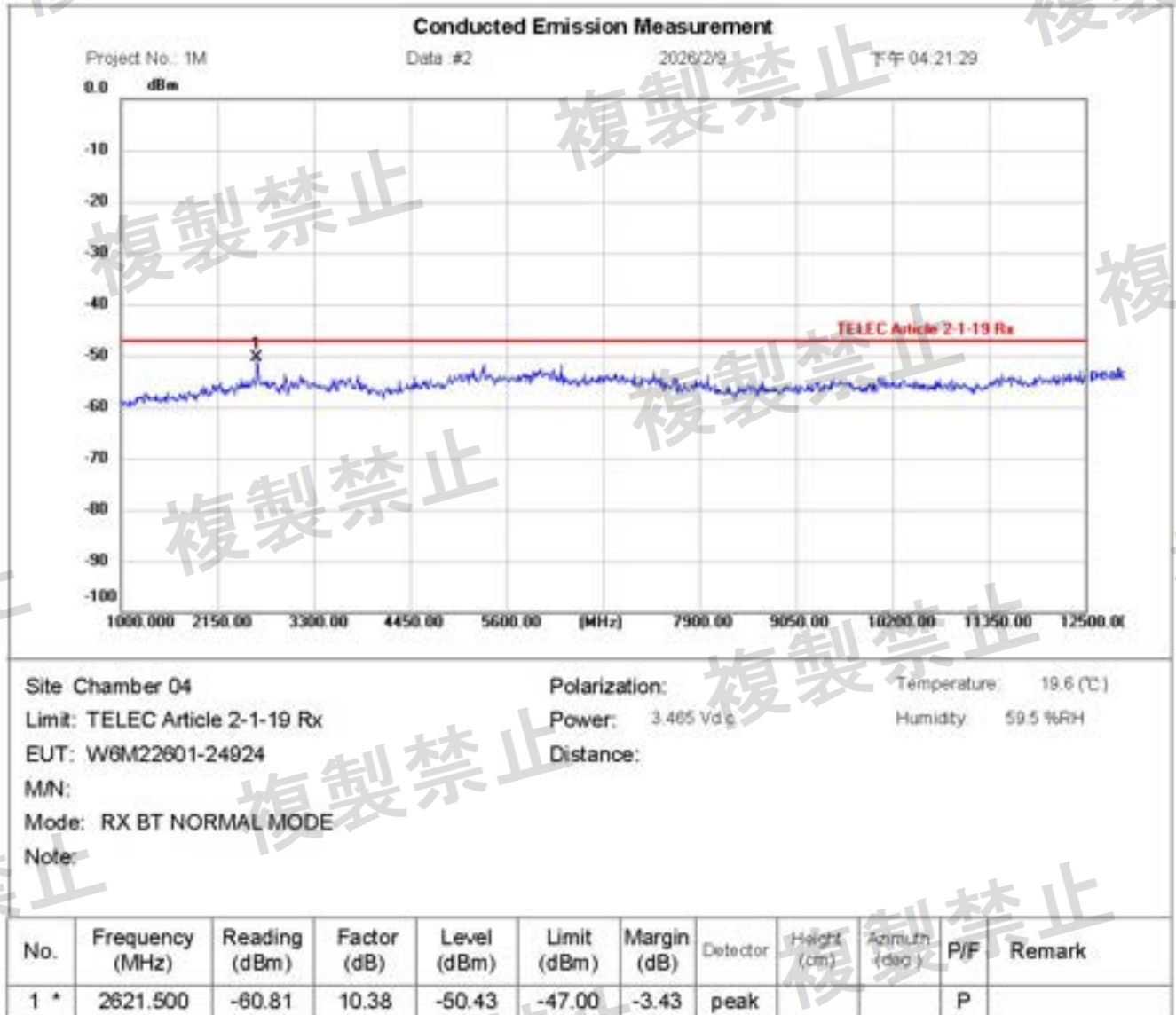


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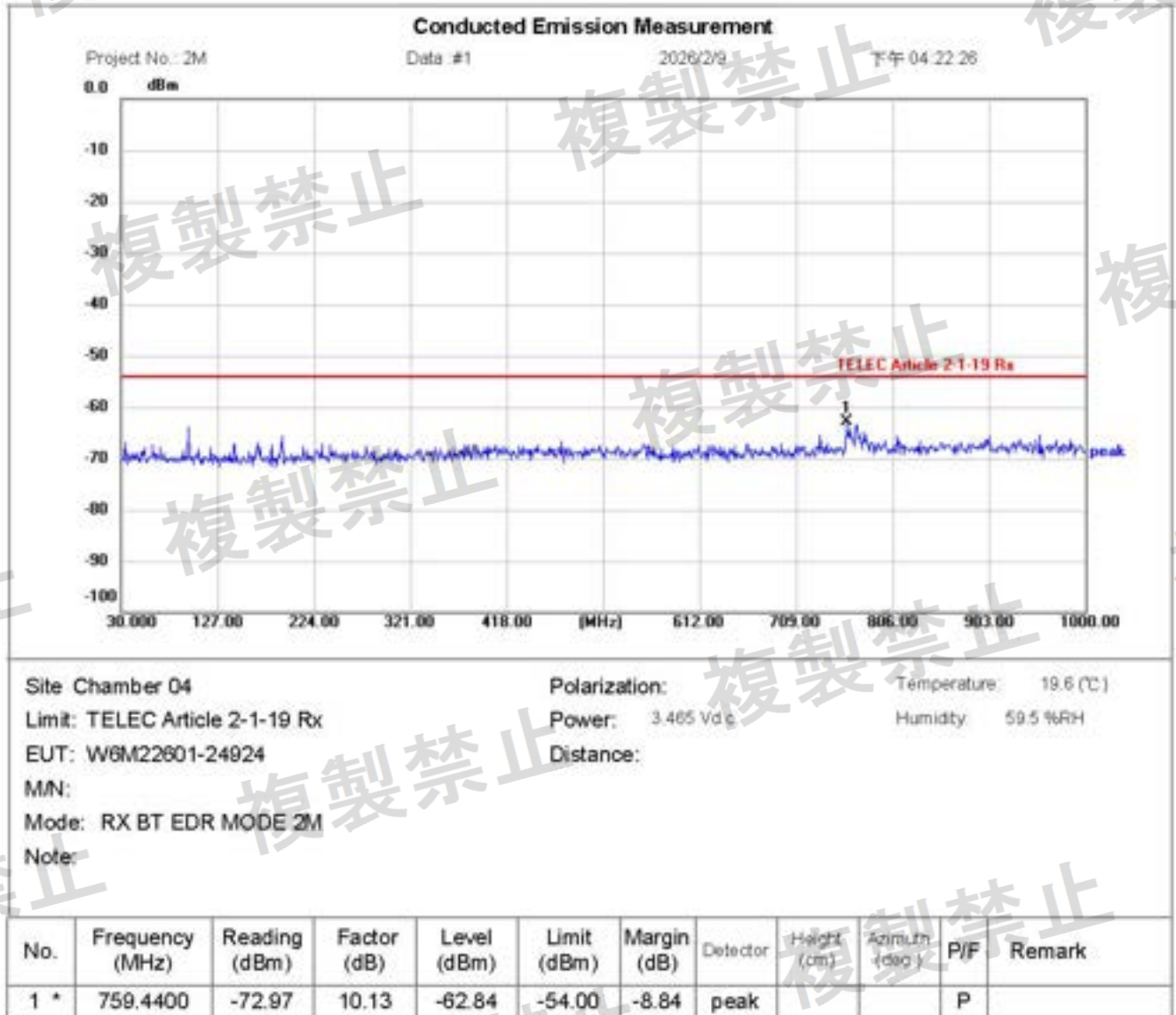


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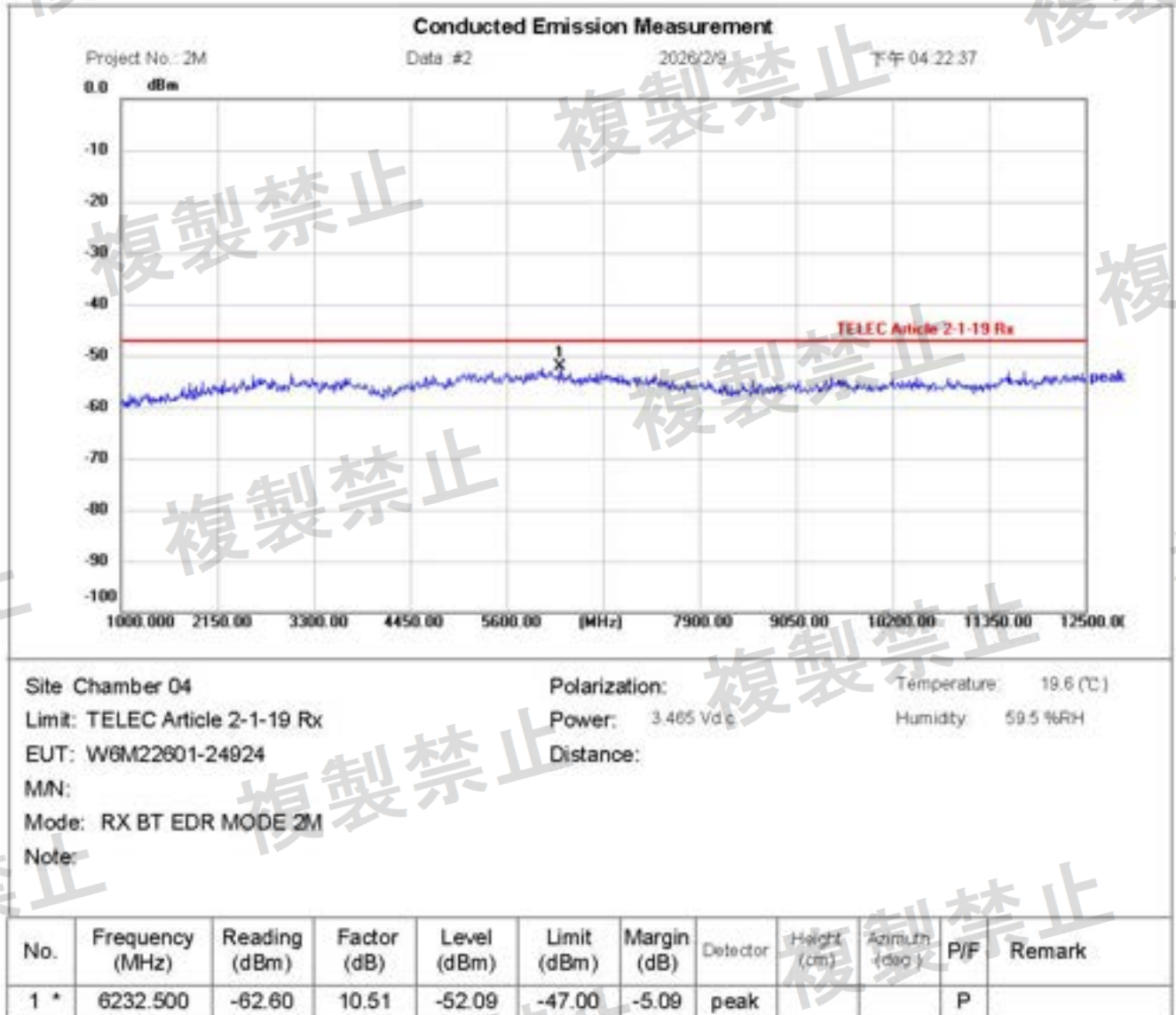


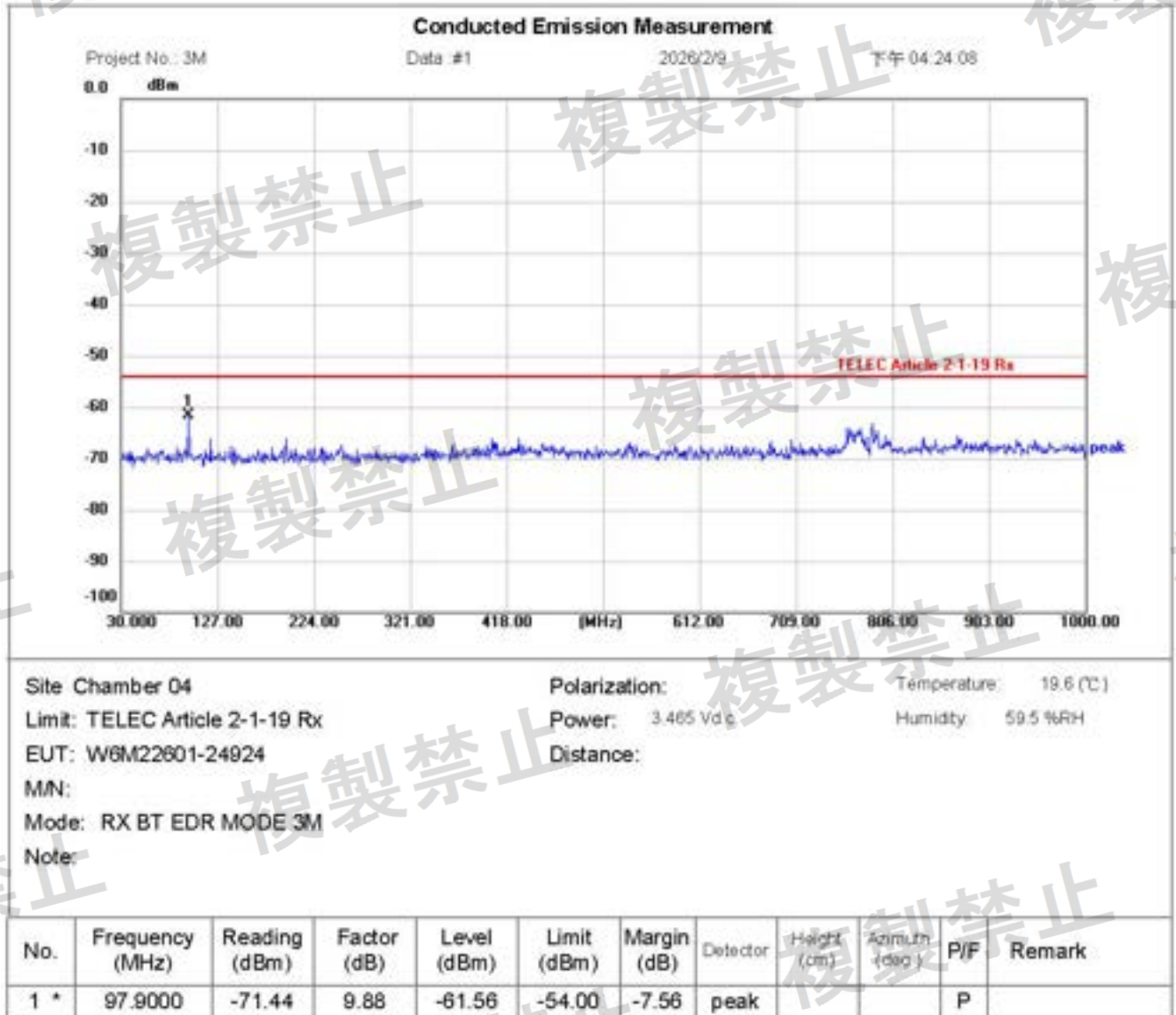
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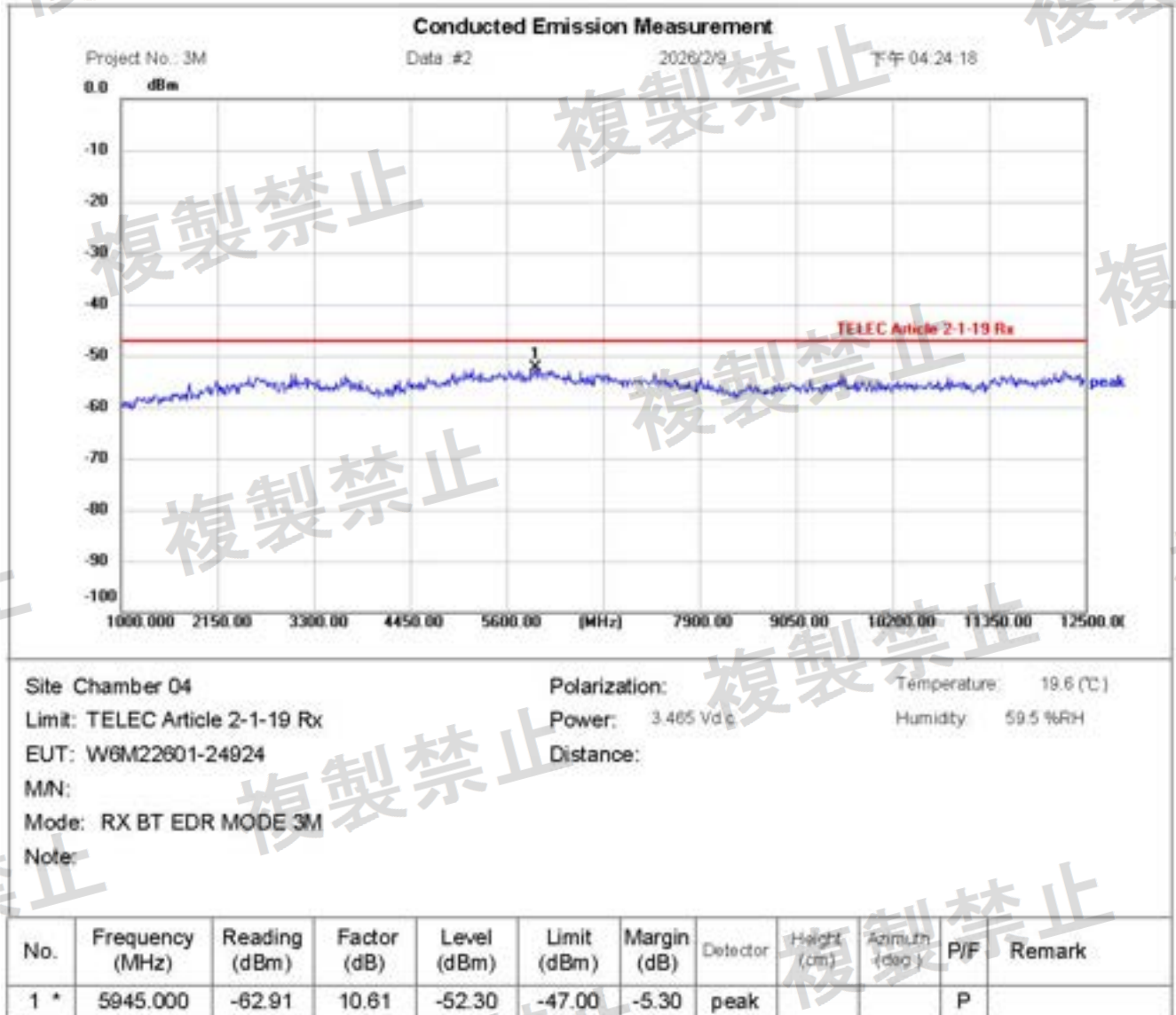
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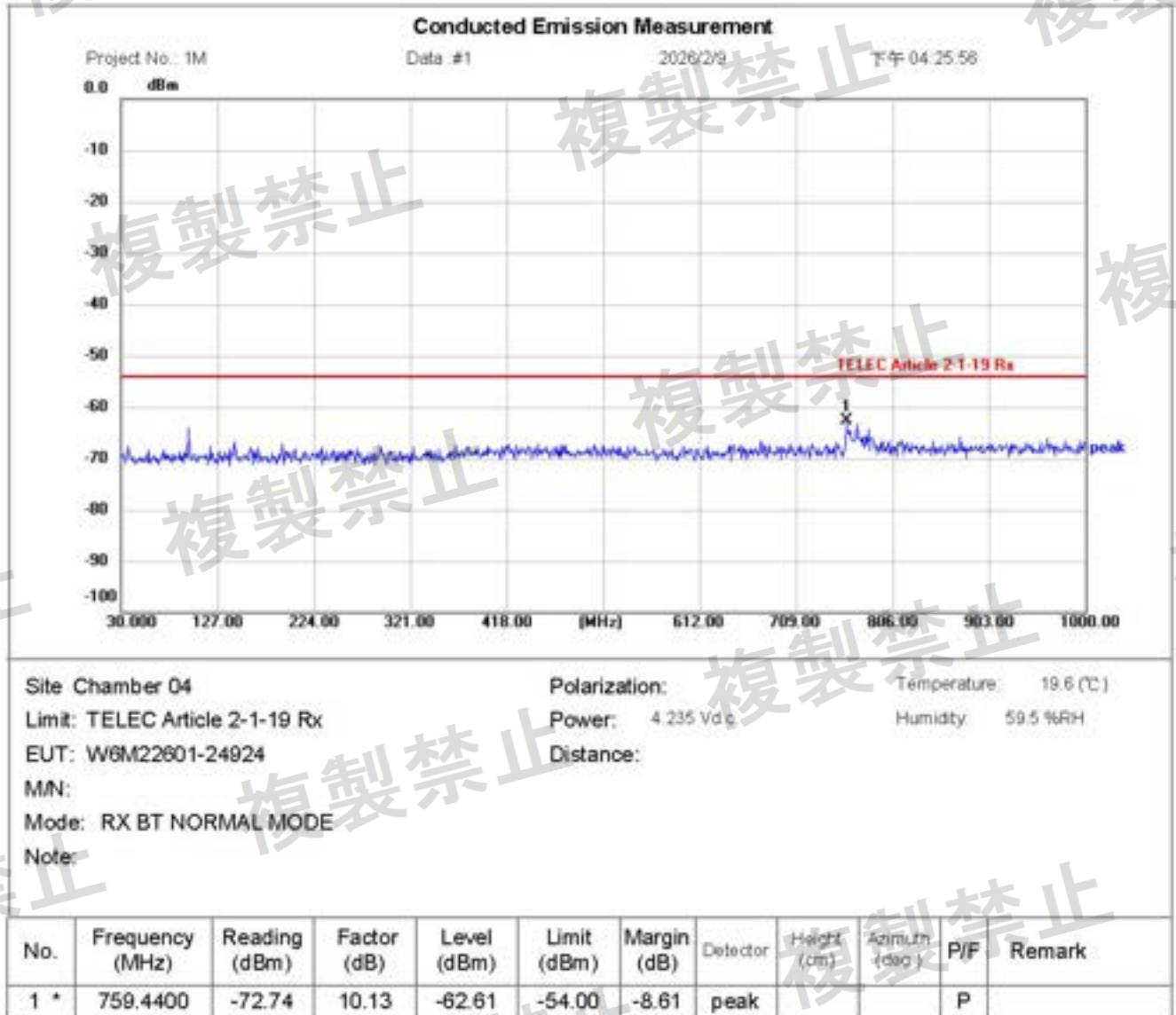






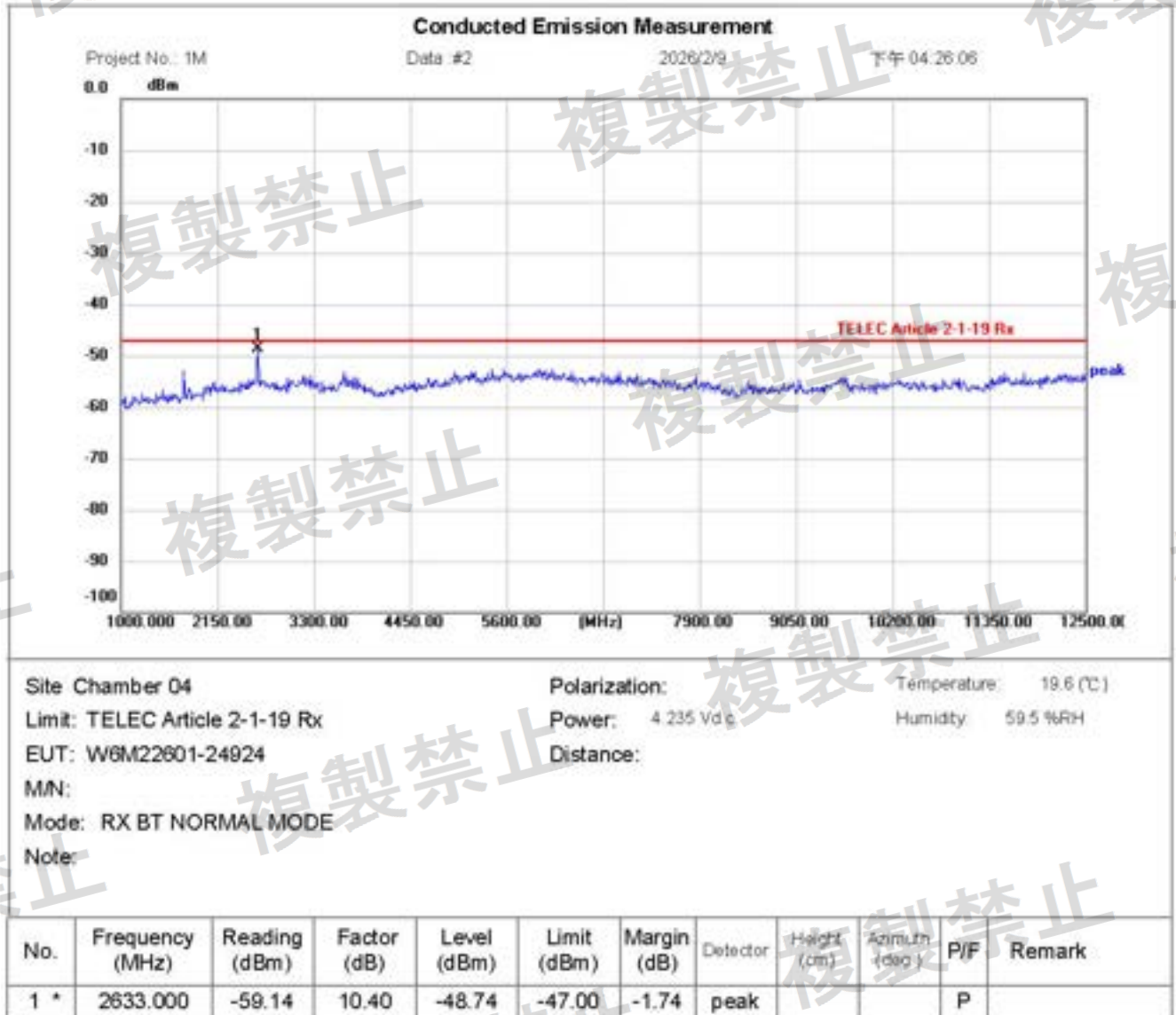
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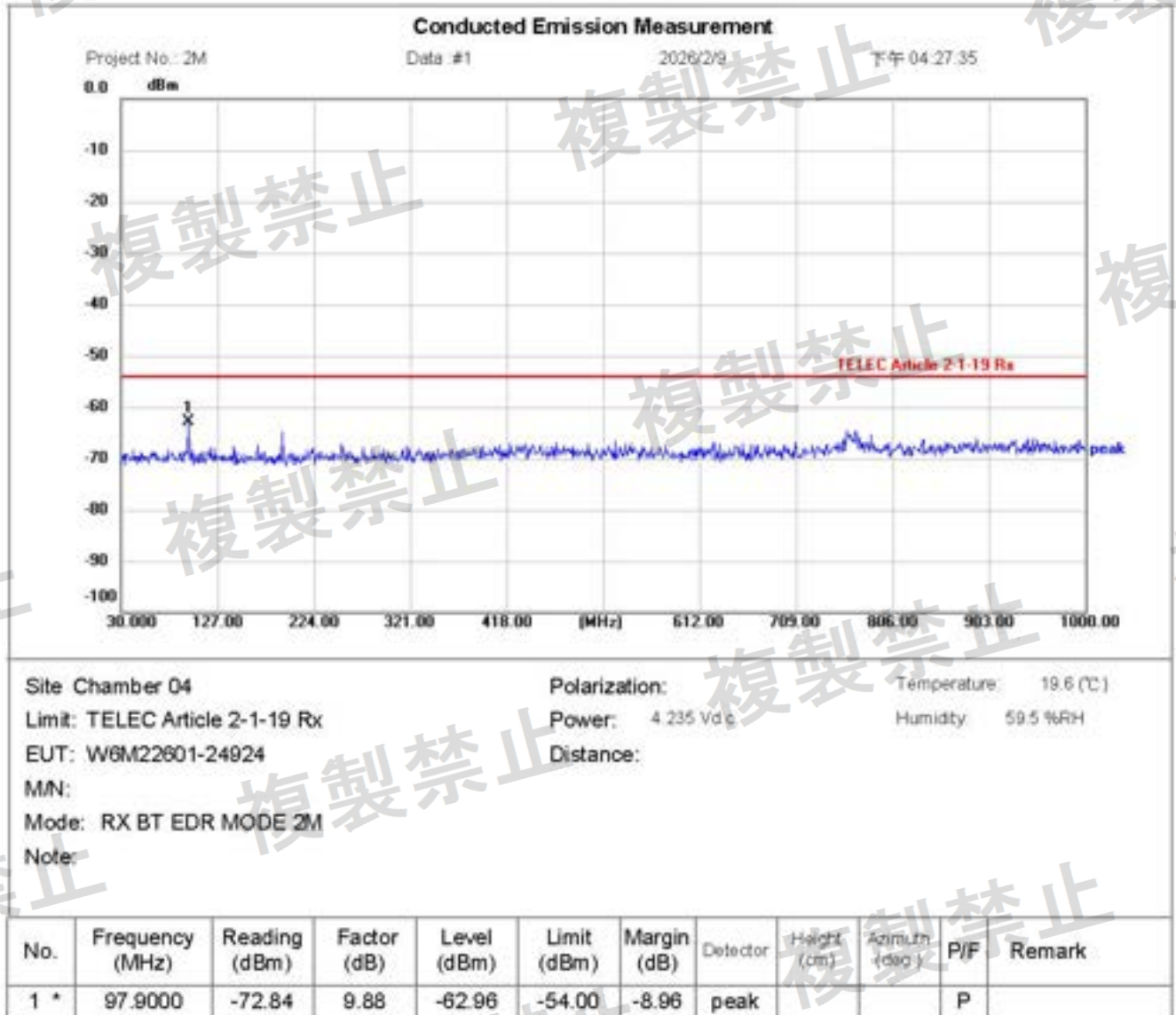


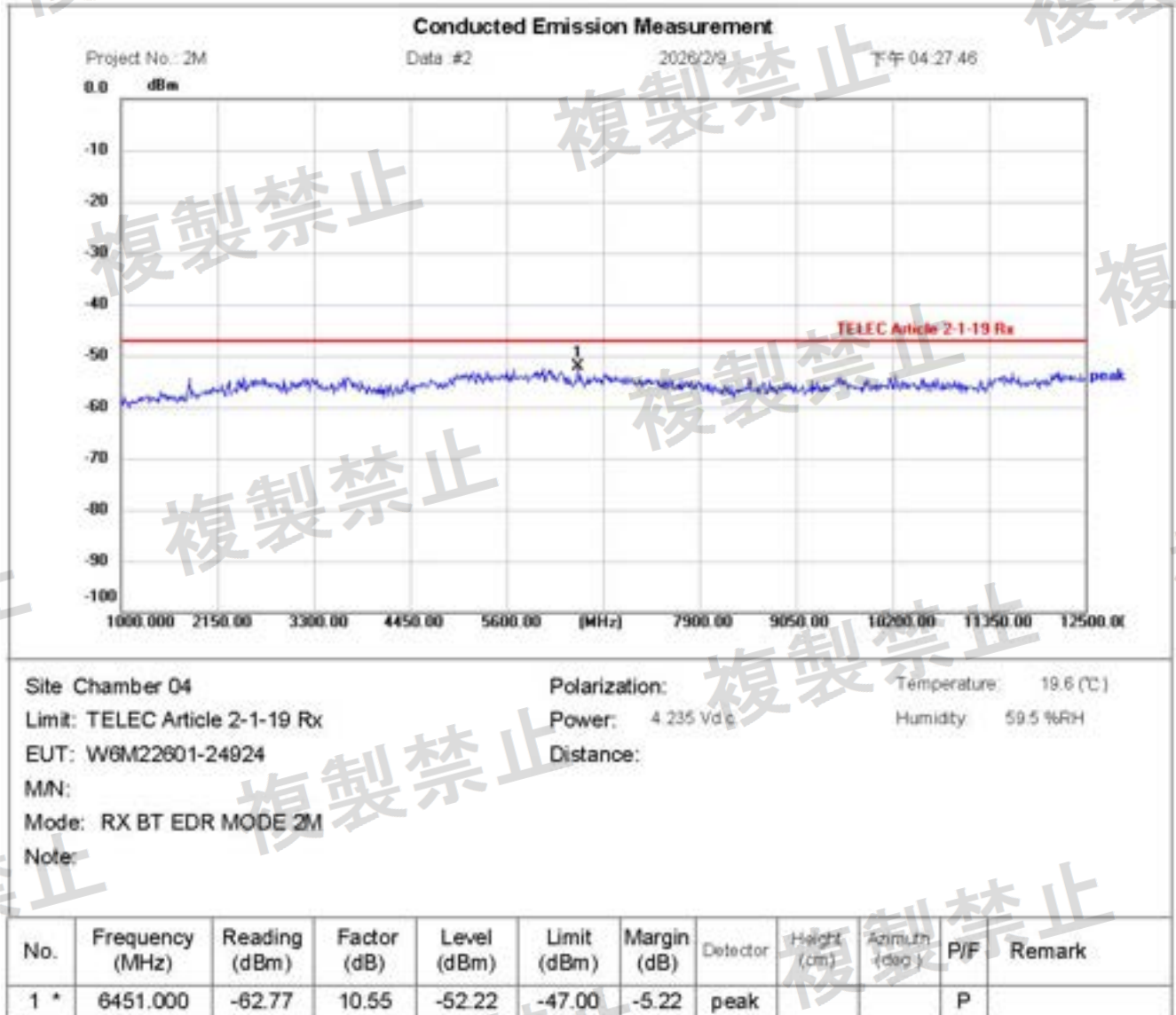
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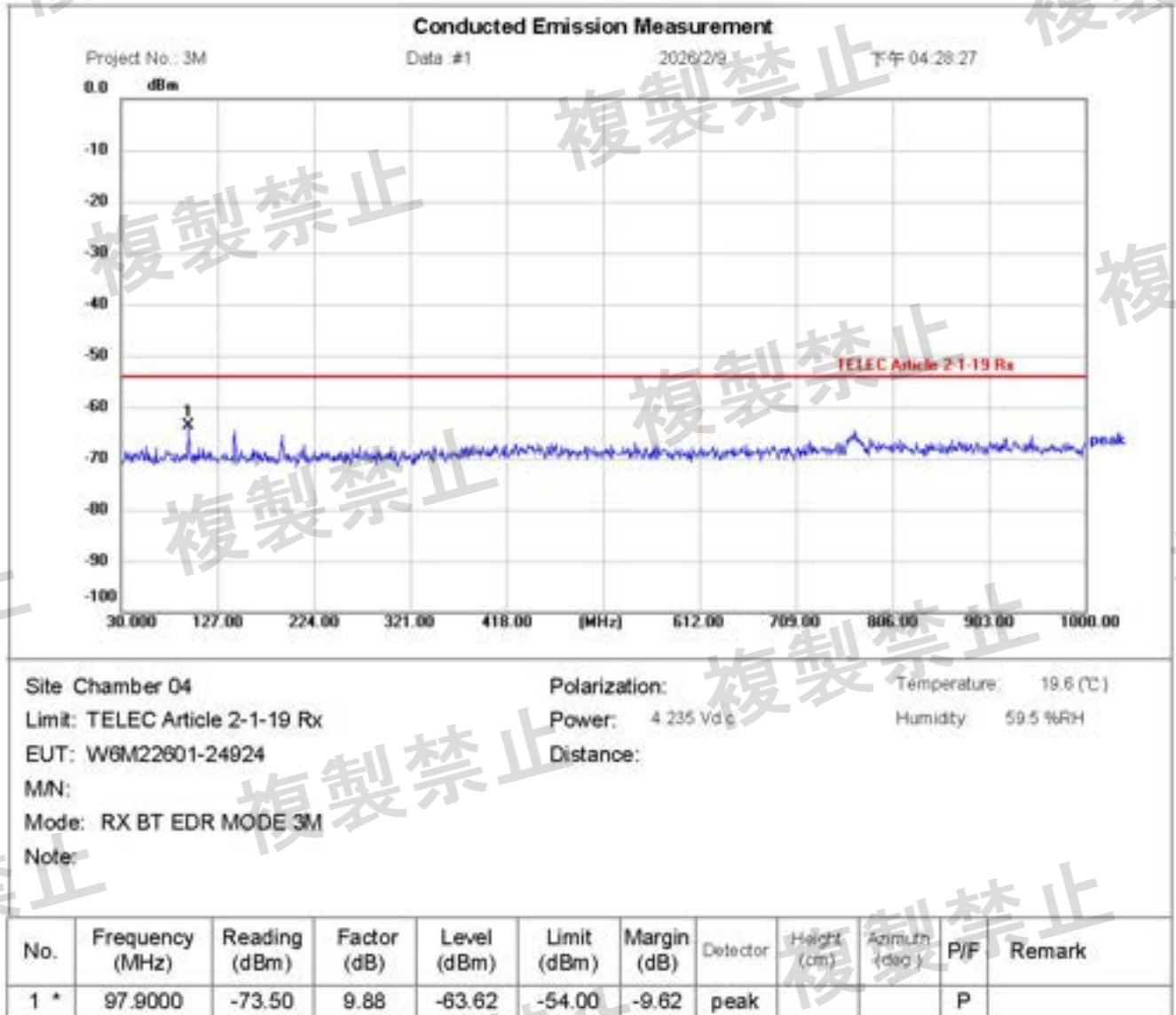
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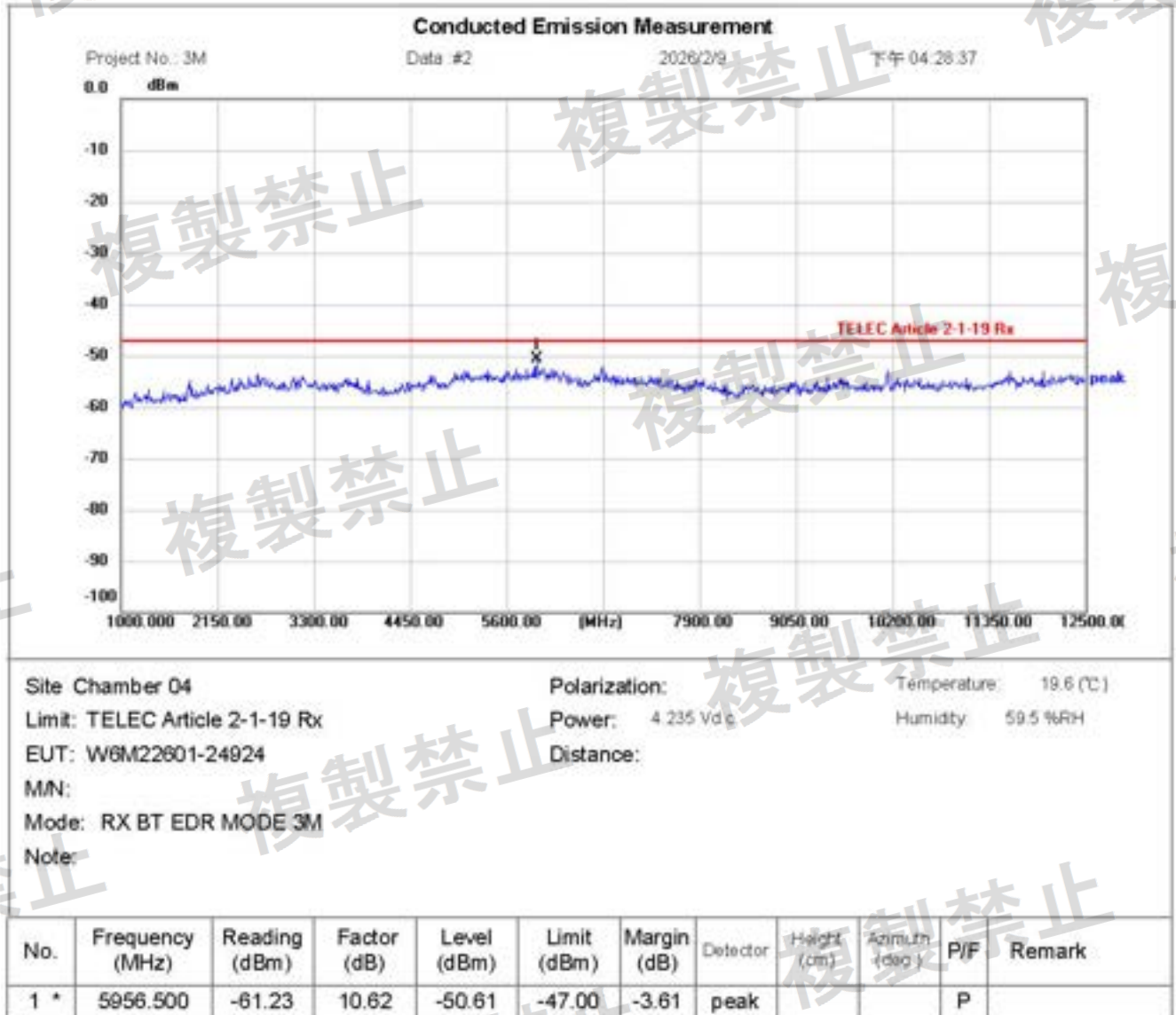


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Explanation: ./.



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Limit:

Receiver operating	0MHz - 1GHz ; 4nW or less 1GHz - 12.5GHz ; 20nW or less
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Note:

30-1000MHz

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.

1000-12500MHz

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.



3.9 Time of Occupancy (Dwell Time)

Test date: February 11, 2026

Temperature: 20.7°C

Humidity: 58.1%

Tester: Sky

Test conditions		Operating mode	Measurement period	Time of Occupancy
T _{nom} = 23 ° C	V _{nom} = 3.85Vd.c.	normal transmitting- DH5	28.54	0.268514 s
	V _{min} = 3.465Vd.c.			
	V _{max} = 4.235V d.c.			

3.85Vd.c.

GFSK

Left





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Right



$\pi/4$ DQPSK
Left





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Right



8DPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



3.465Vd.c.
GFSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



$\pi / 4$ QPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



8DPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



4.235Vd.c.
GFSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



$\pi / 4$ QPSK
Left





Worldwide Testing Services(Taiwan) Co., Ltd.

Right



8DPSK
Left



Right



Note: Measurement period = Spreading Bandwidth (71.34615385 MHz) × 0.4 seconds = 28.54 sec.

Duty cycle = $2.78 / 3.74 = 0.7433$

Dwell time = $[\text{spreading rate} / 79 \text{ channels}] \times \text{duty cycle} \times 0.4 \text{ seconds}$
 $= [71.34615385 / 79] \times 0.7433 \times 0.4 = 0.268514$

Limits:

Holding time of hopping frequency	$\leq 0.4 \text{ sec.}$ The total sum of holding time at arbitrary frequencies within the time multiplied 0.4 sec. by the spreading rate.
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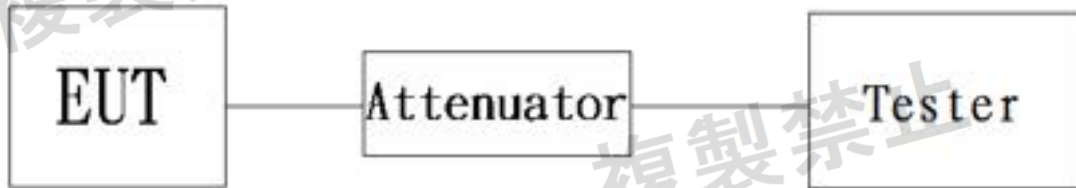


3.10 Interference Prevention Function

Test Requirement

Chiefly, the one automatically to transmit and to receive identification code with the wireless equipment of the wireless station used in the same premises.

Test Setup Block Diagram



Test Procedure

1. Set the EUT in communication mode.
2. Open the test software.
3. Confirm the identification code.

Test Results

The identification code is correct.