

**Radio equipment according to Certification
Ordinance Article 2 Paragraph 1 of Item 19
According to MIC Notice No. 88 Appendix 43
for
Bryton Smart Heart rate sensor
Model No.: DE2505**

of

Applicant: Bryton Inc.

Address: 3F-1., No.79-1, Zhouzi St., Neihu Dist., Taipei City 114, Taiwan

Tested and Prepared

By

Worldwide Testing Services (Taiwan) Co., Ltd.

Report No.: W6M22510-24776-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

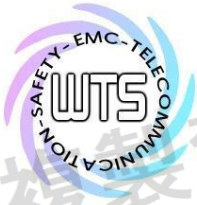
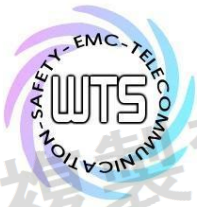


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1 General Information

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:

December 15, 2025

Ken Keng

Ken Keng

Date

WTS-Lab.

Name

Signature

Technical responsibility for area of testing:

December 15, 2025

Kevin Wang

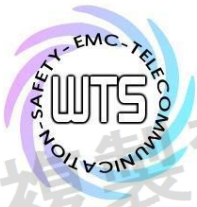
Kevin Wang

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.)

3 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

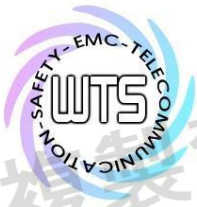
Name	: Bryton Inc.
Street	: 3F-1., No.79-1, Zhouzi St., Neihu Dist.,
Town	: Taipei City 114,
Country	: Taiwan

1.4 Application details

Date of receipt of test item	: October 23, 2025
Date of test	: from October 24, 2025 to November 27, 2025

1.5 Equipment information

Description of test item	: Bryton Smart Heart rate sensor
Type identification	: DE2505
Multi-listing model no.	: ./.
Trade mark	: Bryton
Modulation type	: GFSK



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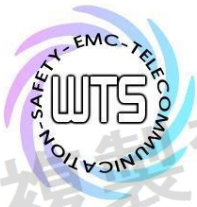
Frequency range	: 2400 MHz-2483.5 MHz
Tested frequencies	: Bluetooth low energy mode: 2402-2480 MHz ANT+: 2457 MHz
Frequency of the used channel	: Bluetooth low energy mode Frequency (ch 0) : 2402 MHz Frequency (ch 19) : 2440 MHz Frequency (ch 39) : 2480 MHz ANT+: 2457 MHz
Type of antenna	: PCB antenna
Antenna gain	: 0 dBi
Rated output power	: 10 mW
Sample no.	: #09
Manufacturer: (if different from applicant)	
1	
Name	: Pan-international Precision Electronic Co.,Ltd
Street	: Xinlian Indl. Area , Hu-men , Dongguan ,
Town	: Guangdong ,
Country	: China
2	
Name	: Pan-International Electronics Sdn. Bhd.
Street	: Plot 4, Seberang Jaya Industrial Estate Bandar Seberang Jaya
Town	: 13700 Prai Penang,
Country	: Malaysia

1.6 Assembly

Tenon will be used to seal the case for preventing access RF part directly with glue. For this EUT is opening only by destroying the equipment have been taken to satisfy sample requirement.

1.7 Test method

According to MIC Notice No. 88 Appendix 43.



2 Technical Test

2.1 Summary of test results

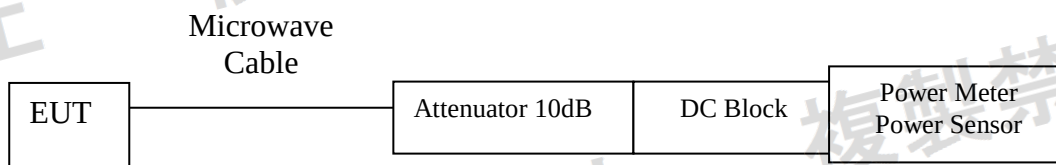
No deviations from the technical specifications were ascertained in the course of the test performed.

2.2 Test environment

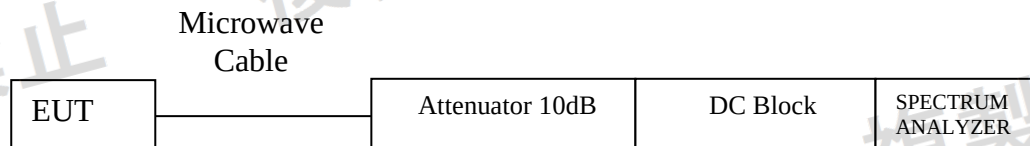
Temperature	: 5 ° C - 35 ° C
Relative humidity content	: 45% - 85%
Air pressure	: 990 - 1300 hPa
Details of power supply	: Battery 3Vd.c.
Other parameter	: ./.
Extreme conditions parameters	: Vnom: 3 V Vmin: 2.7 V Vmax: 3.3 V

2.3 Test setup

Antenna power

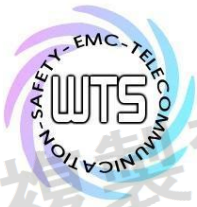


Frequency tolerance, Occupied bandwidth and Spurious emission



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 : 1.63 dB

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



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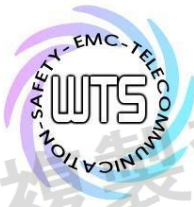
2.4 Test equipment utilized

Frequency Tolerance & OCCUPIED BANDWIDTH
& EIRP POWER & 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	2025/2/14	2026/2/13	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	2025/2/14	2026/2/13	WTS	C
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2025/2/14	2026/2/13	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)



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3 Test results (enclosure)

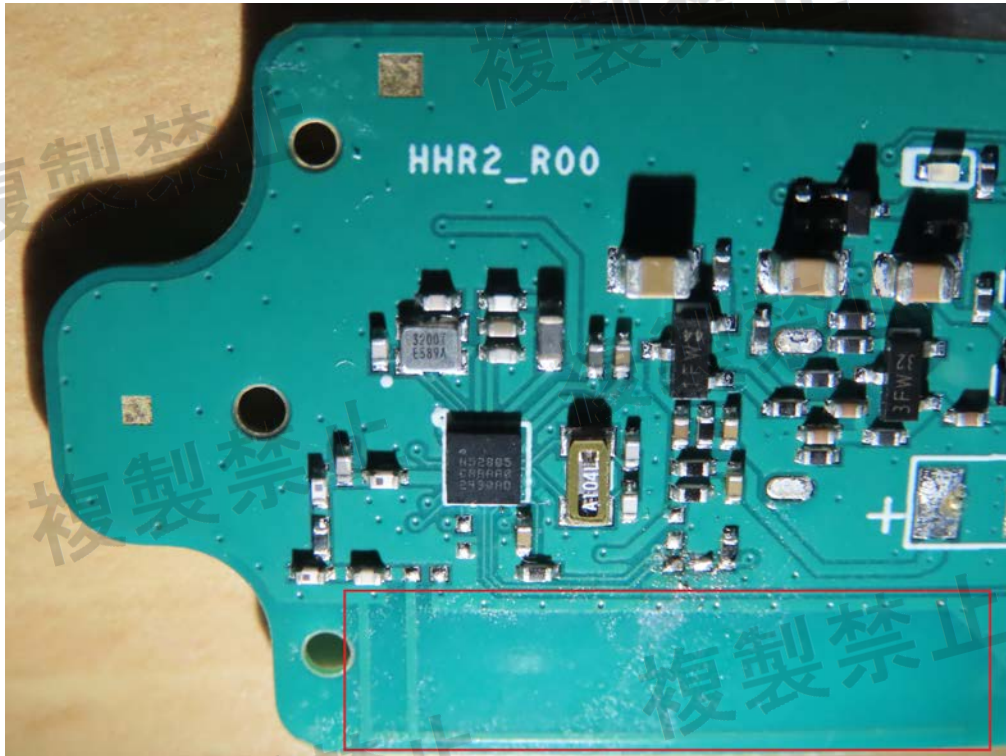
☒ 1st test

☐ test after modification

☐ production test

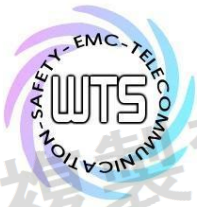
Test case	Subclause	Required	Status
<i>General provisions</i>			
Frequency tolerance	5	☒	C
Occupied bandwidth	6	☒	C
Spurious emissions	7	☒	C
<i>Transmitting equipment</i>			
Antenna power	14	☒	C
SAR	14.2	☐	NA
Frequency stabilization	15	☒	C
<i>Transmitter antenna</i>			
Type, configuration, etc. of transmitting 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, 2457MHz</i>			
High Frequency/modulation section cannot be opened easily	49.20(1); a	☒	C
Spread spectrum method	49.20(1); d	☐	NA
Antenna power	49.20(1); e	☒	C
Absolute gain of transmitting antenna	49.20(1); f(1)	☒	C
E.I.R.P.	49.20(1); f(2)	☐	NA
Number of carriers within 1 MHz bandwidth in OFDM	49.20(1); g	☐	NA
Dwell time (FH employed)	49.20(1); j	☐	NA
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: PCB antenna

Antenna gain: 0 dBi



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3.2 Frequency Tolerance

Test date: October 30, 2025

Temperature: 23.9 °C

Humidity: 59.6 %

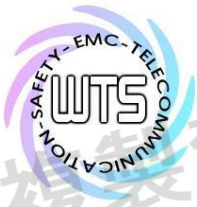
Tester: Ken

Tolerance from nominal frequency:

Mode	Channel	Frequency Tolerance (kHz)			MAX Frequency Tolerance (ppm)	Limit (ppm)
		Vmin	Vnor	Vmax		
BLE 1M	Ch 0 : 2402 MHz	19	17.5	17.5	7.9	50
	Ch 19 : 2440 MHz	17.5	17.5	17.5	7.2	
	Ch 39 : 2480 MHz	18	18	18	7.3	
ANT+	2457 MHz	13.5	13.5	13.5	5.5	50

Limits:

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

Test date: October 30, 2025-November 06, 2025

Temperature: 23.9 °C

Humidity: 55.5 %

Tester: Ken

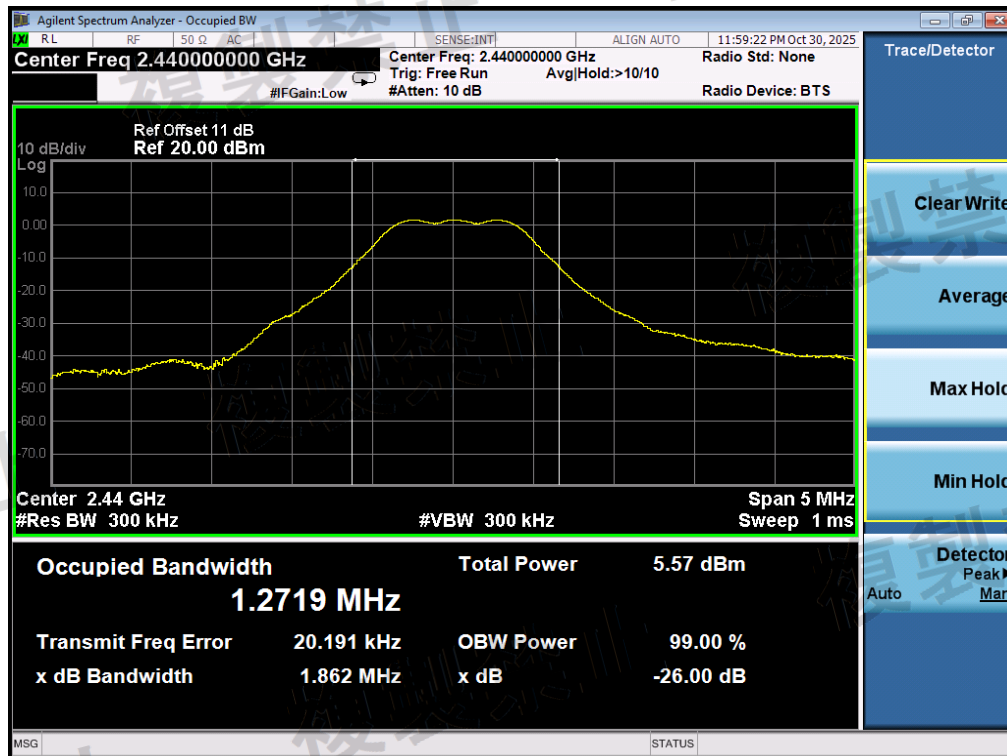
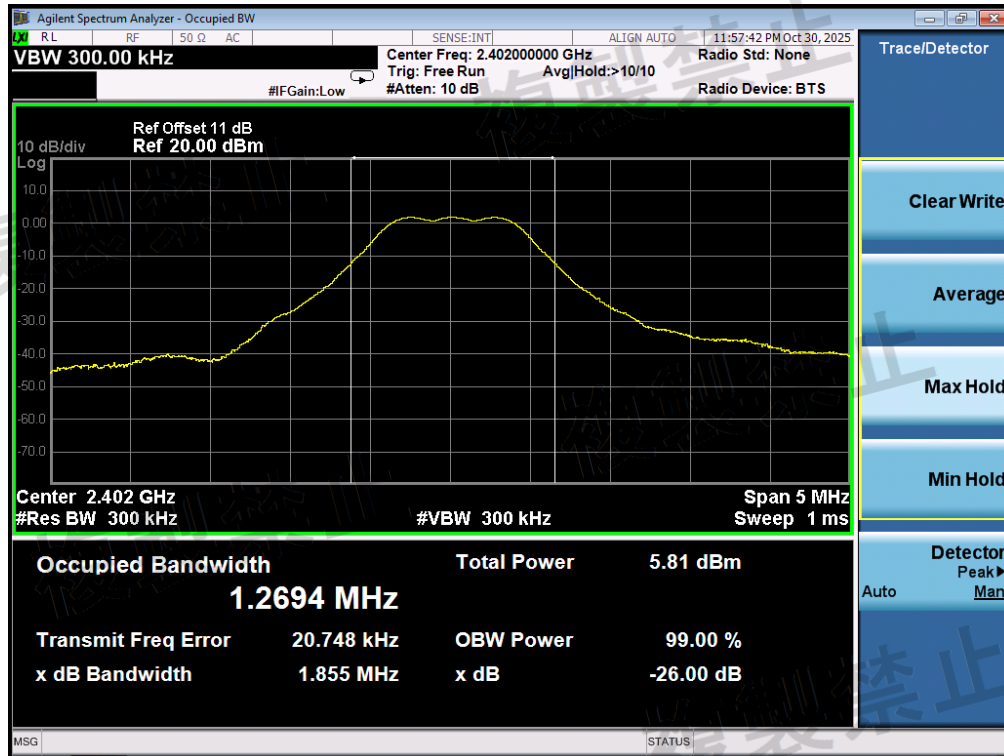
BLE 1M

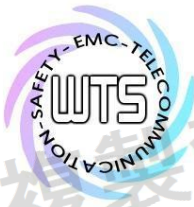
Occupied Bandwidth		
Volt	Freq	measure value(MHz)
3V	CH 0	1.2694
	2402MHz	
	CH 19	1.2719
	2440MHz	
	CH 39	1.2746
	2480MHz	
2.7V	CH 0	1.2754
	2402MHz	
	CH 19	1.2731
	2440MHz	
	CH 39	1.2764
	2480MHz	
3.3V	CH 0	1.2689
	2402MHz	
	CH 19	1.2740
	2440MHz	
	CH 39	1.2741
	2480MHz	



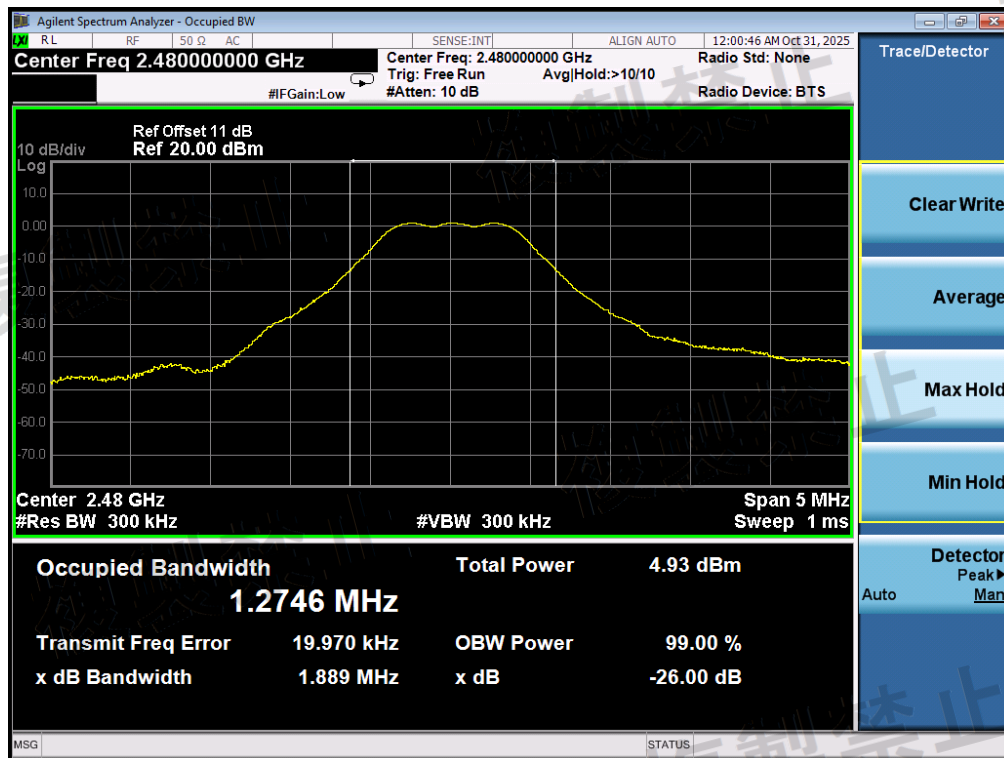
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3V

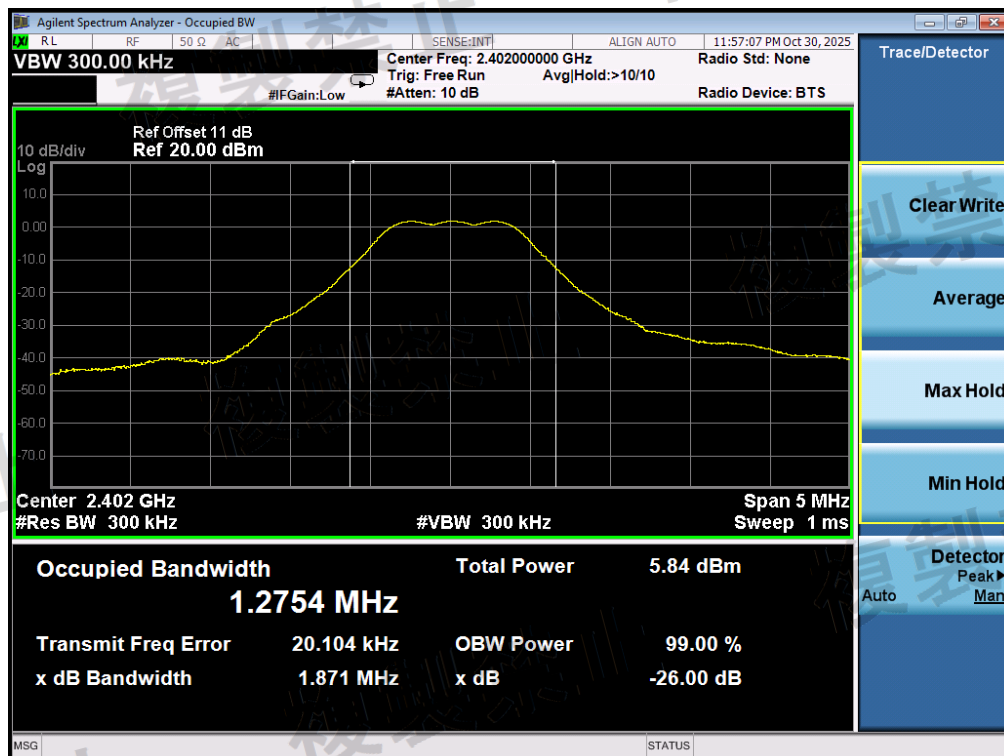


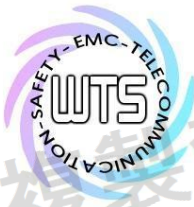


Worldwide Testing Services(Taiwan) Co., Ltd.

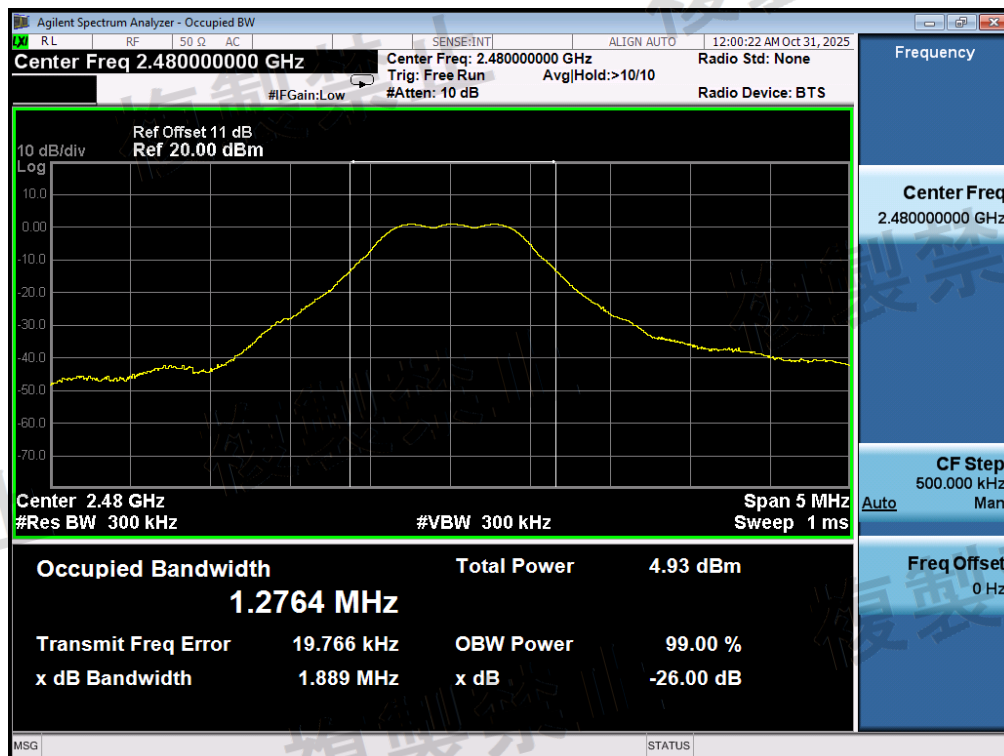
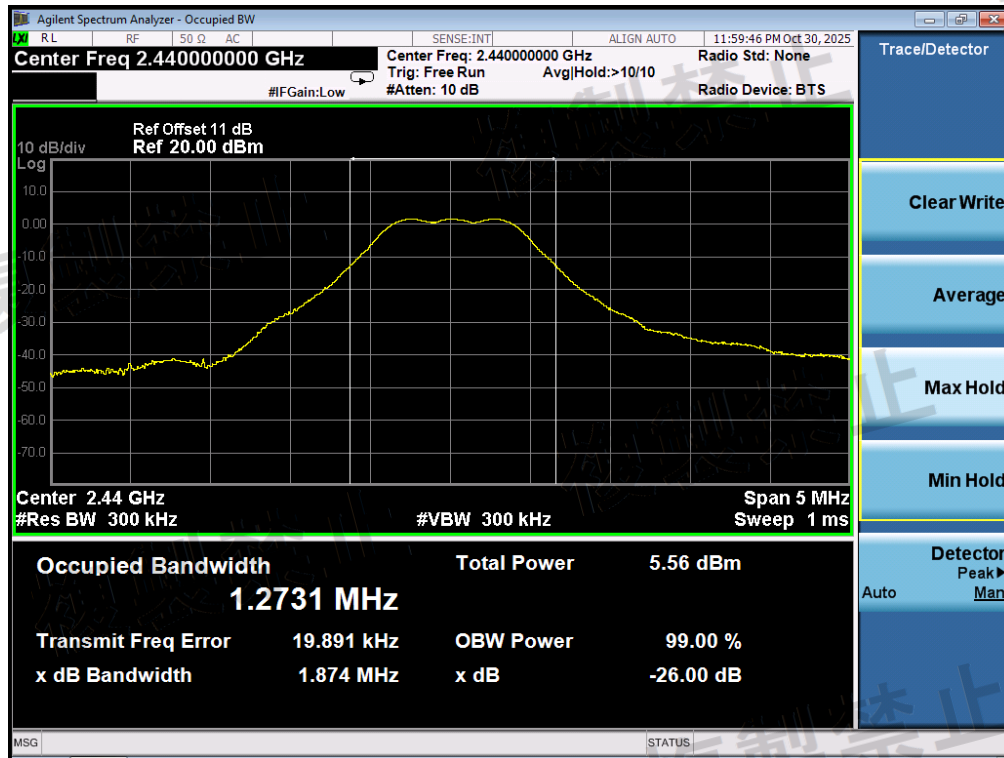


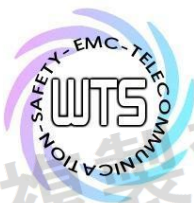
2.7V





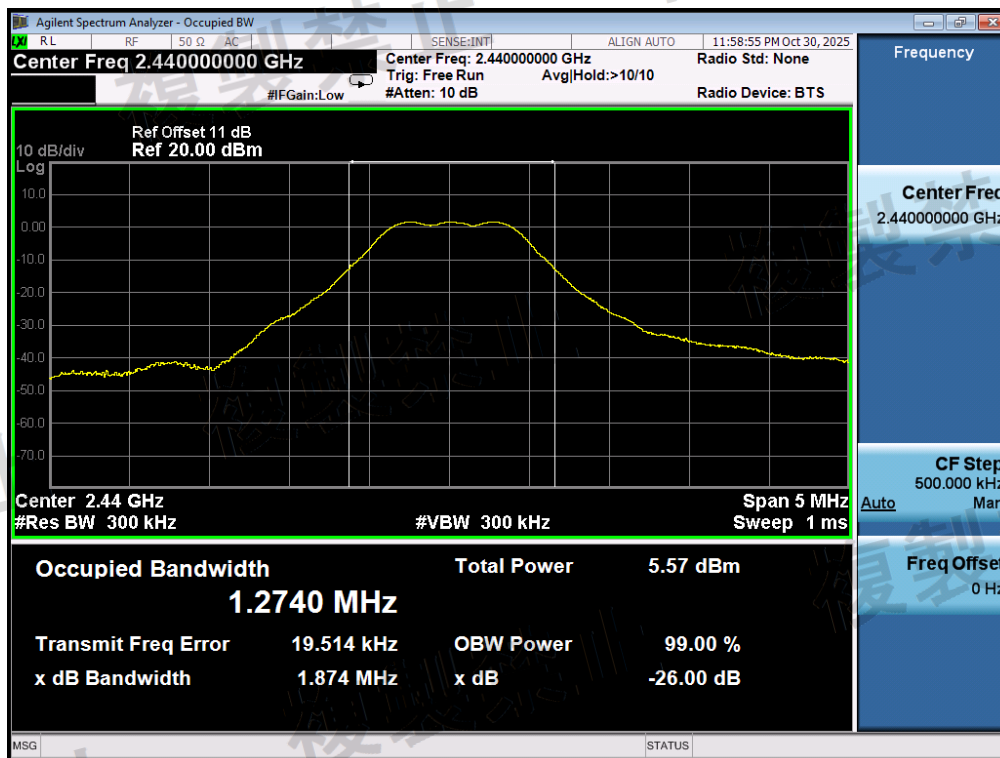
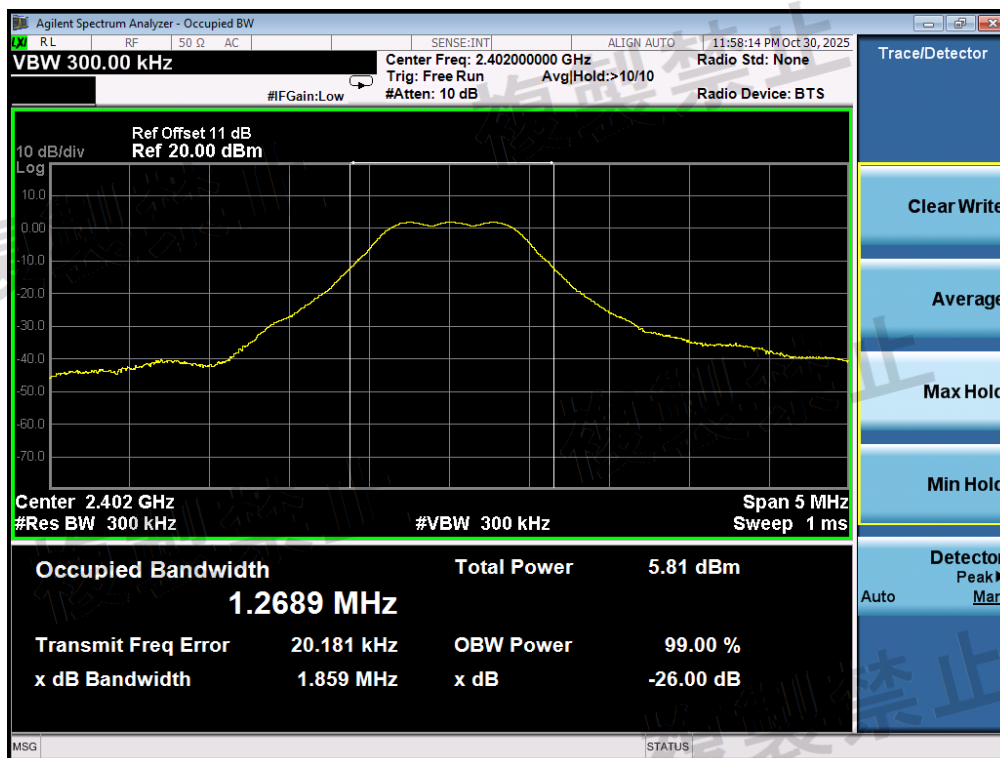
Worldwide Testing Services(Taiwan) Co., Ltd.

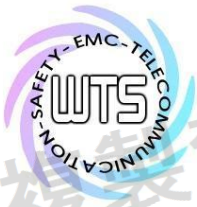




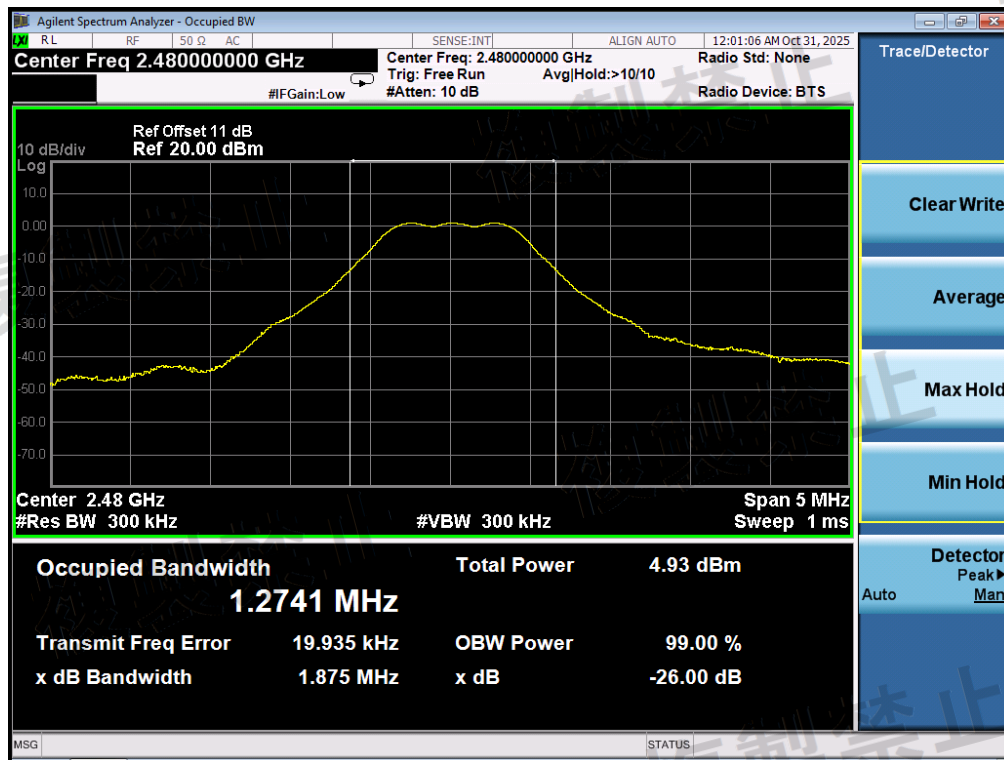
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3.3V



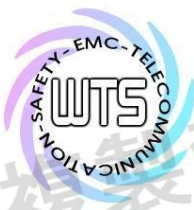


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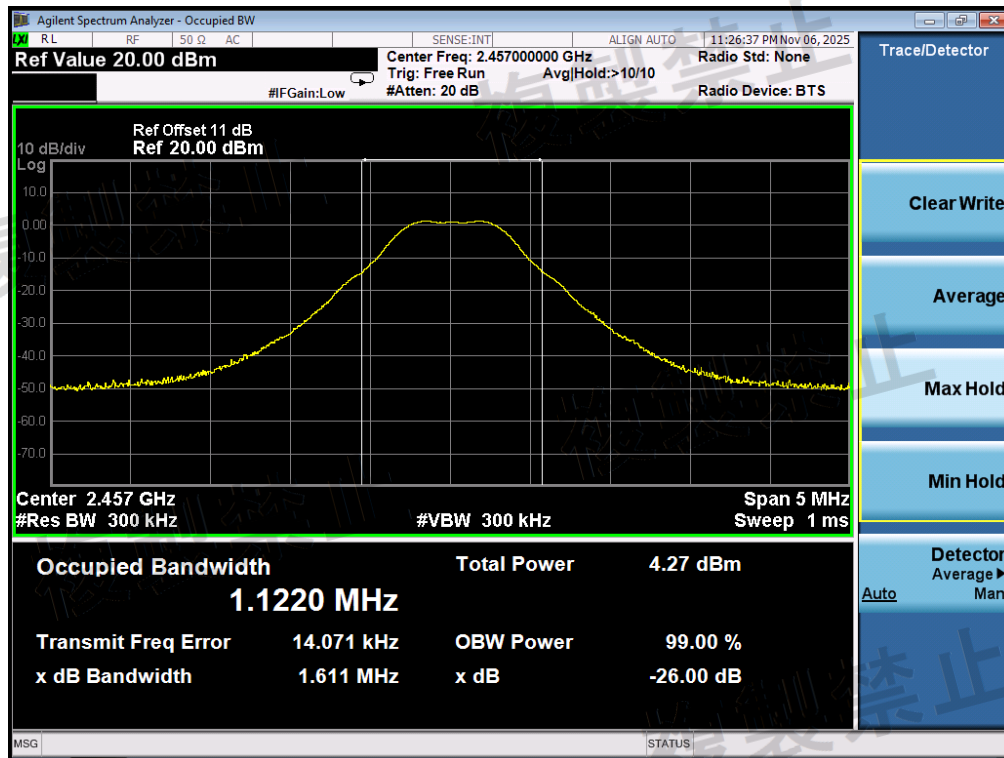
ANT+

Occupied Bandwidth		
Volt	Freq	measure value(MHz)
3V	2457MHz	1.1220
2.7V	2457MHz	1.1182
3.3V	2457MHz	1.1220

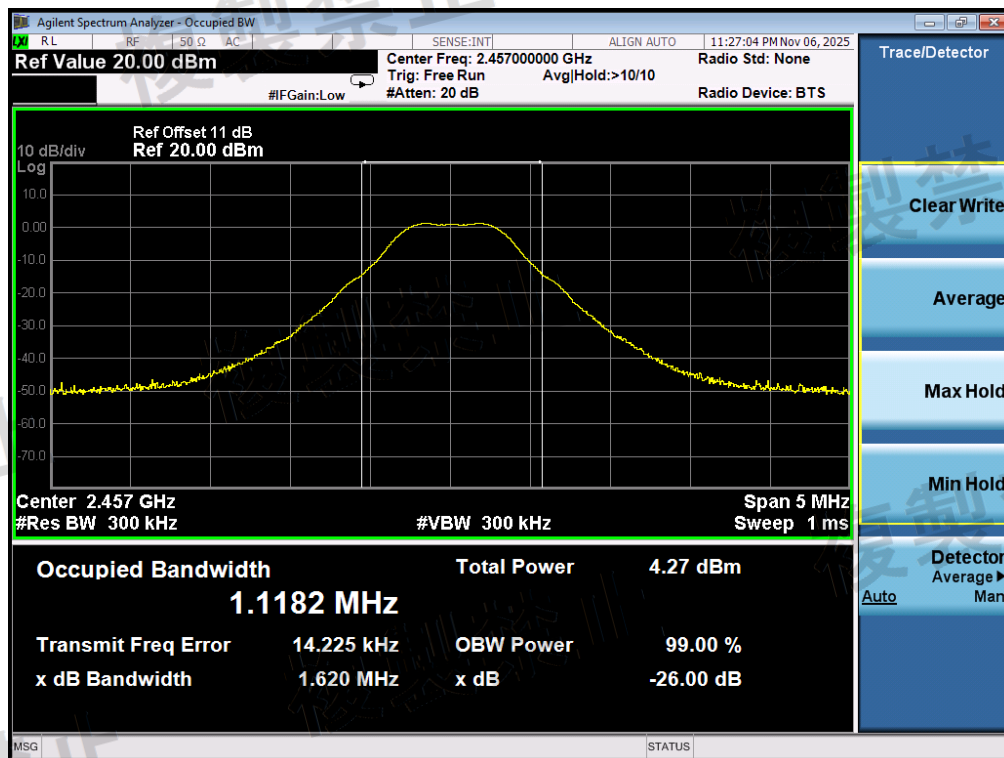


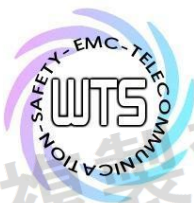
Worldwide Testing Services(Taiwan) Co., Ltd.

3V

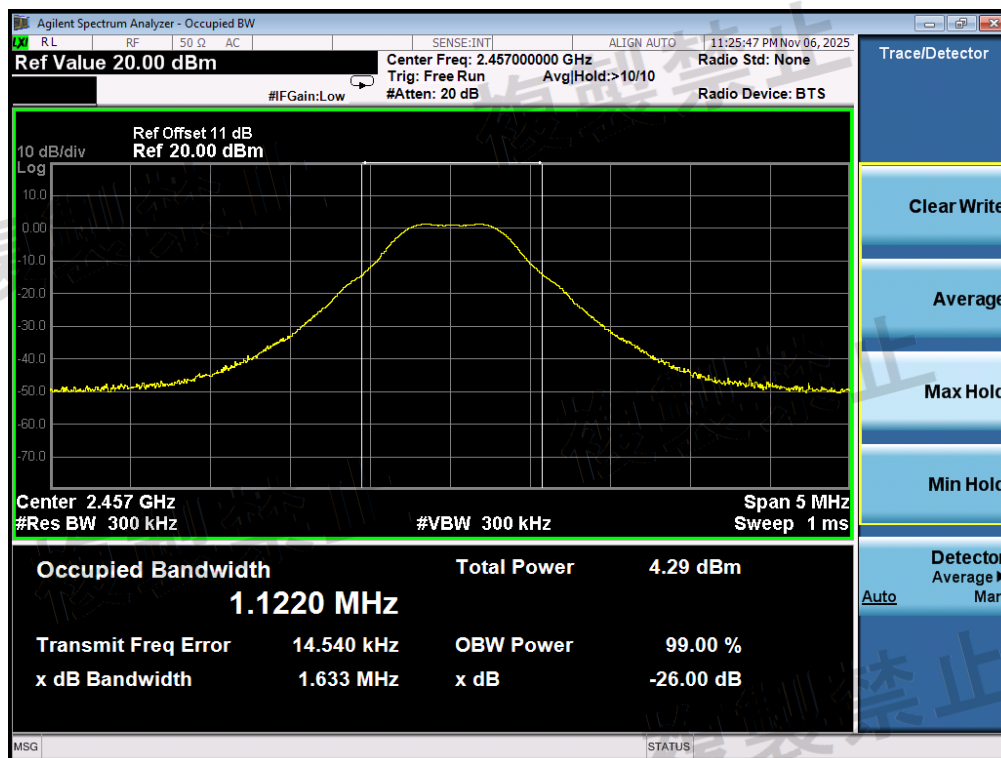


2.7V





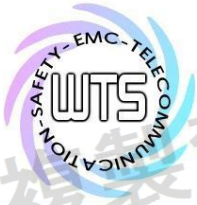
3.3V



Limits:

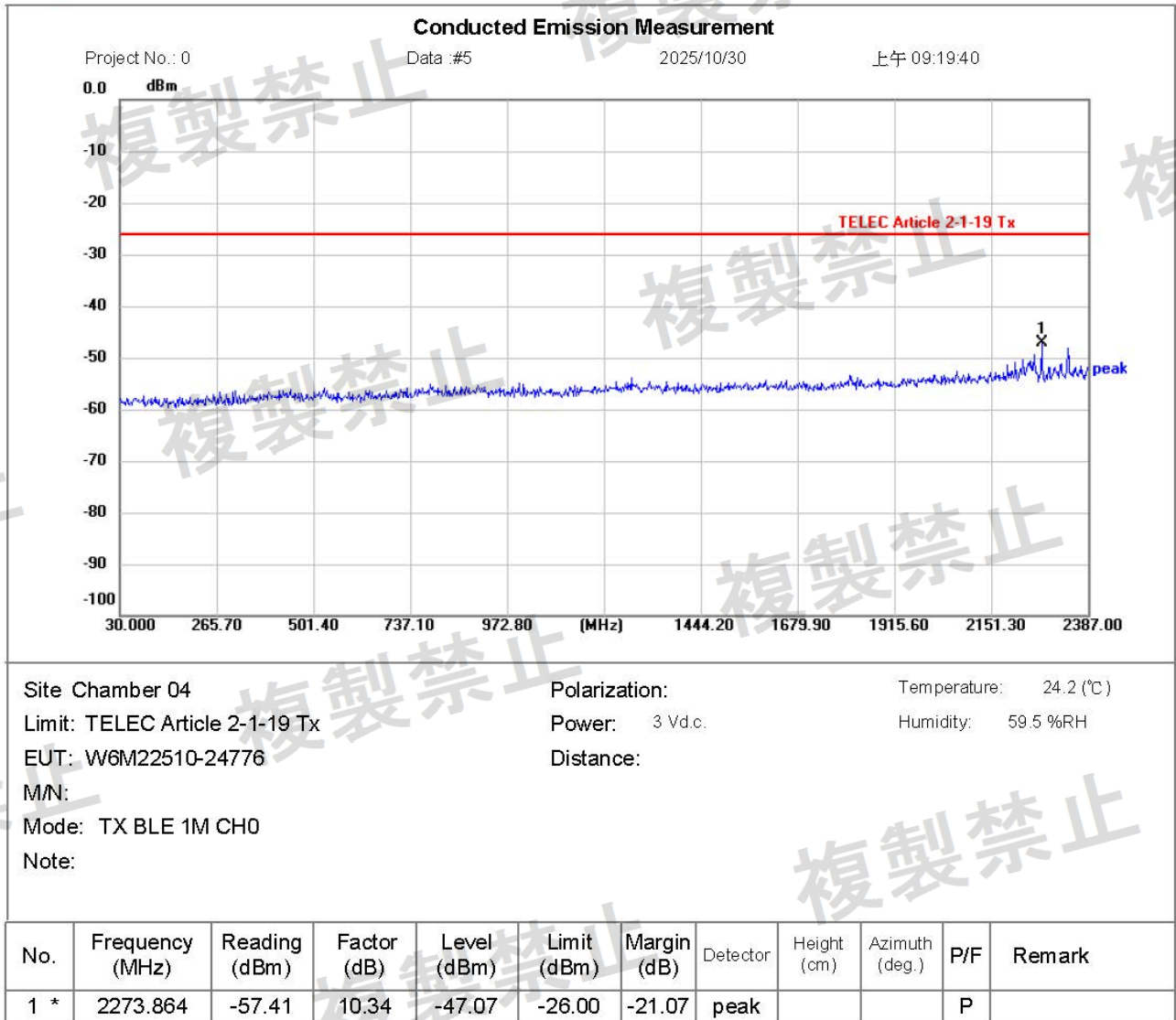
Under all test conditions	Occupied bandwidth: within 26MHz
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Explanation: ./.



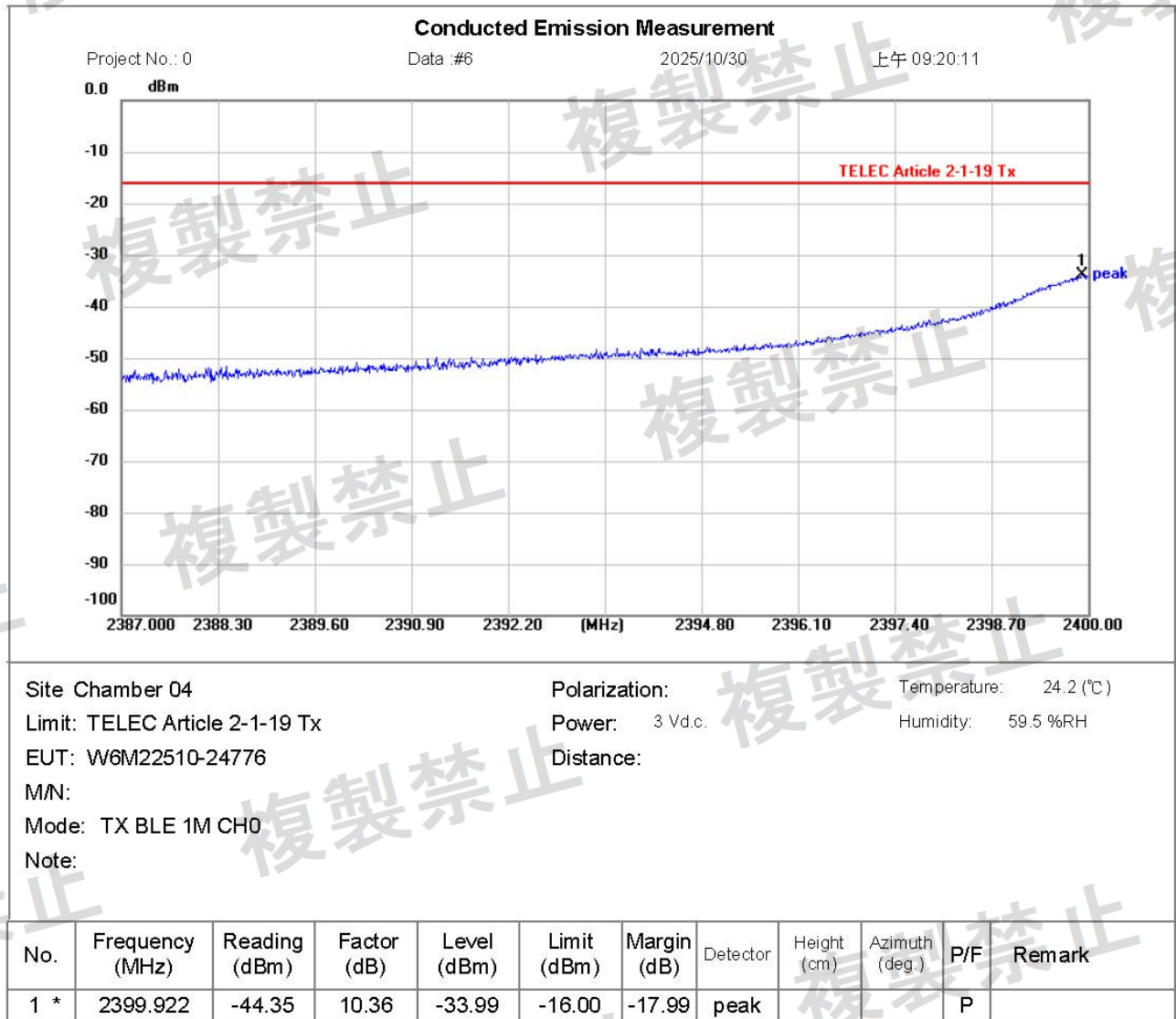
3.4 Spurious emissions (conducted)_ transmitter

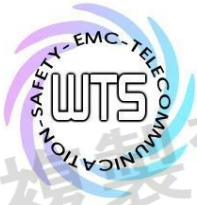
BLE 1M



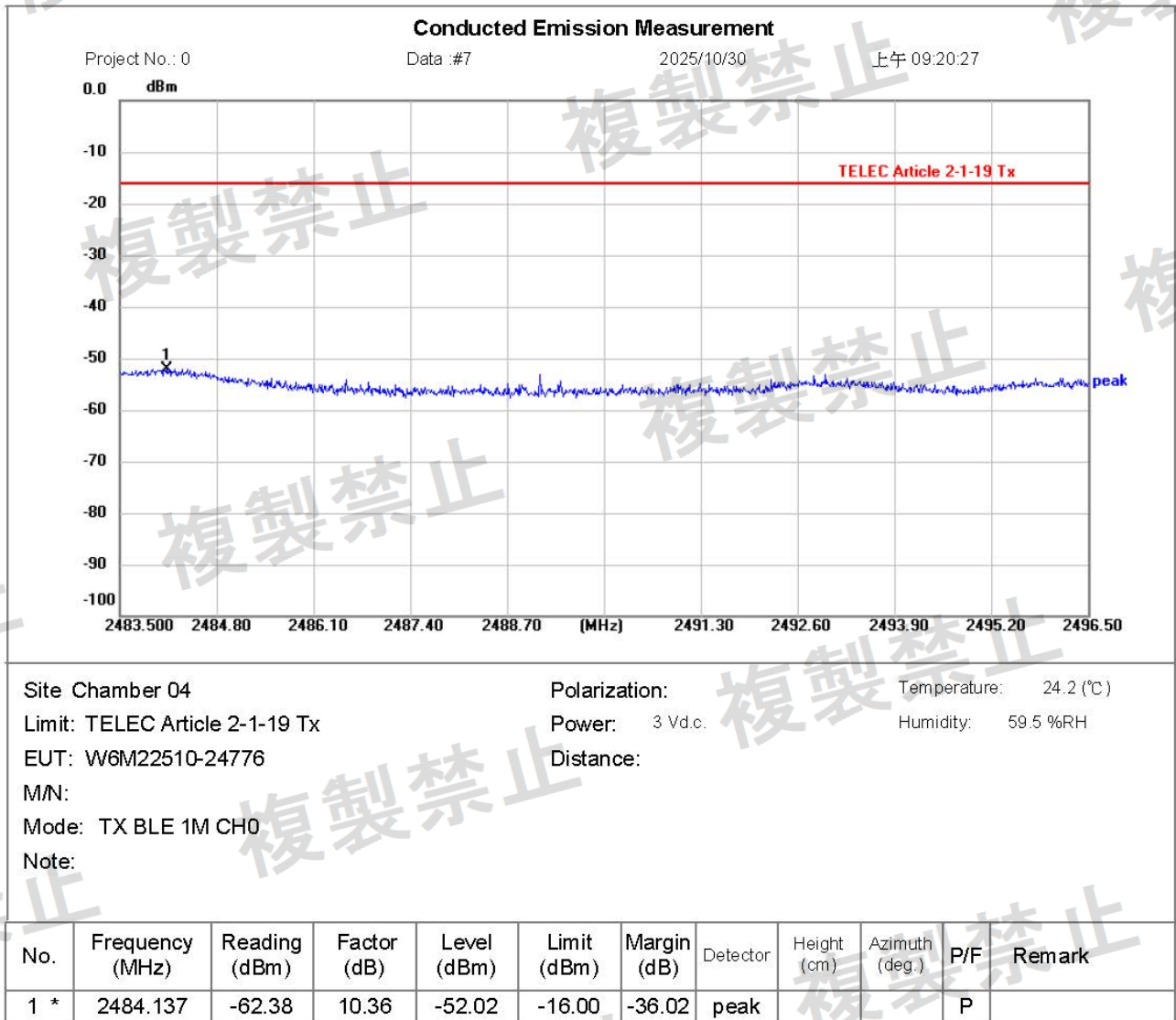


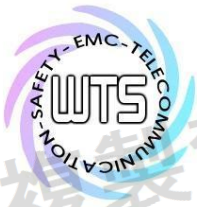
Worldwide Testing Services(Taiwan) Co., Ltd.



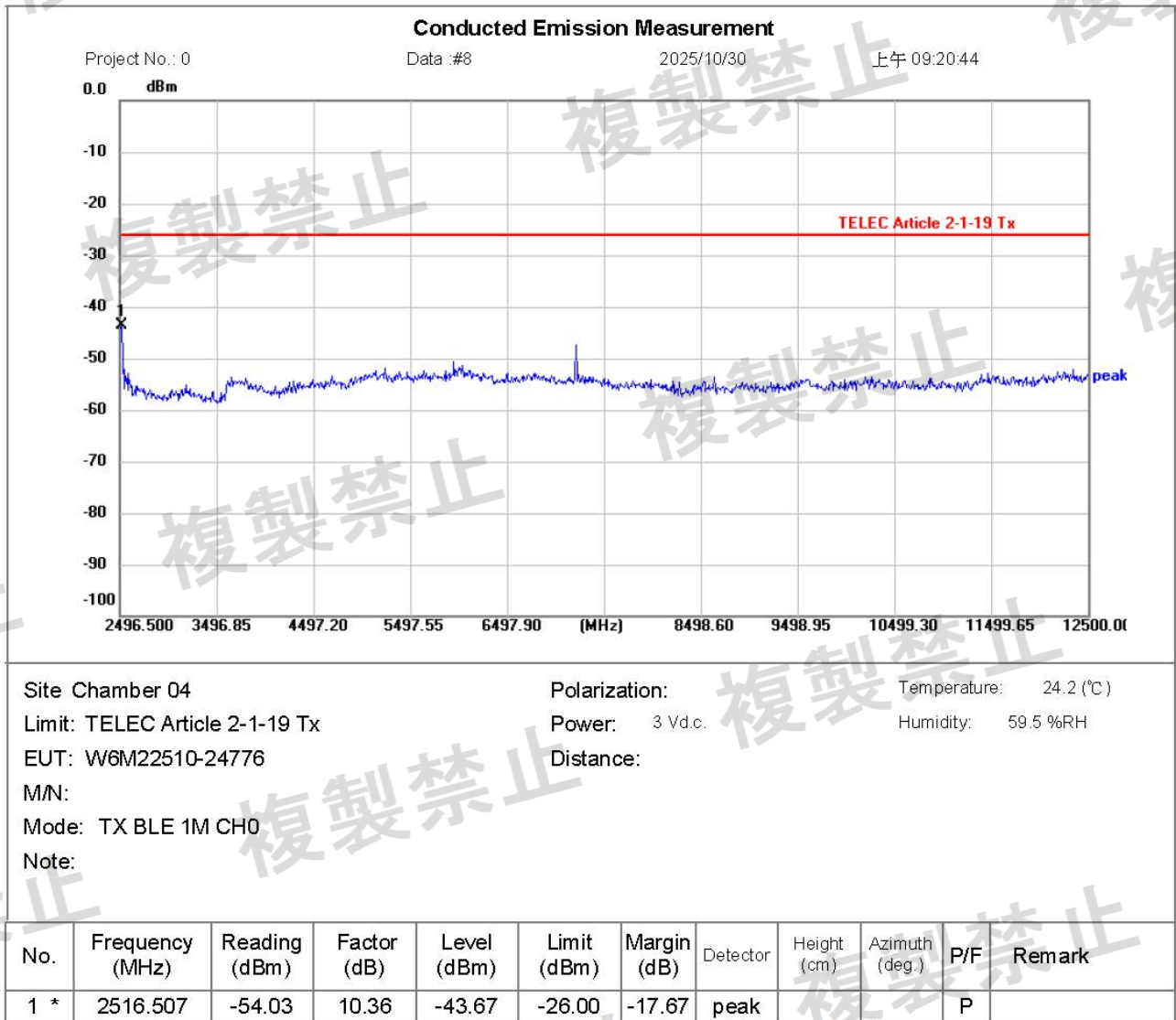


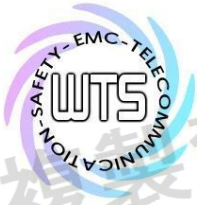
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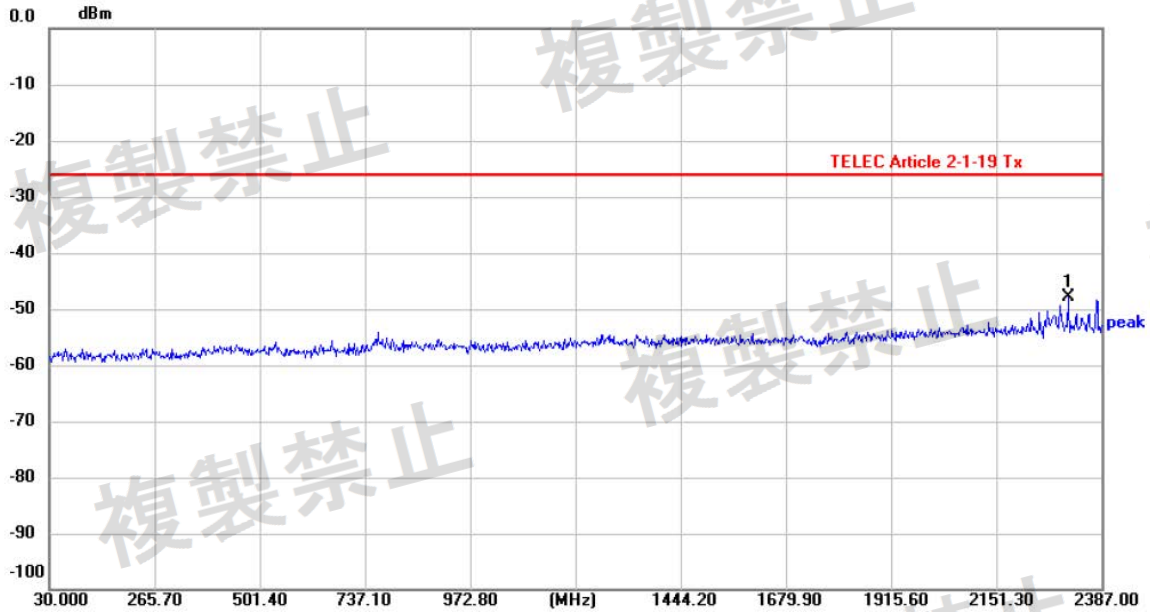
Conducted Emission Measurement

Project No.: 19

Data: #5

2025/10/30

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Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

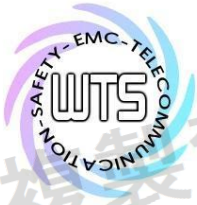
Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2311.576	-58.25	10.34	-47.91	-26.00	-21.91	peak			P	



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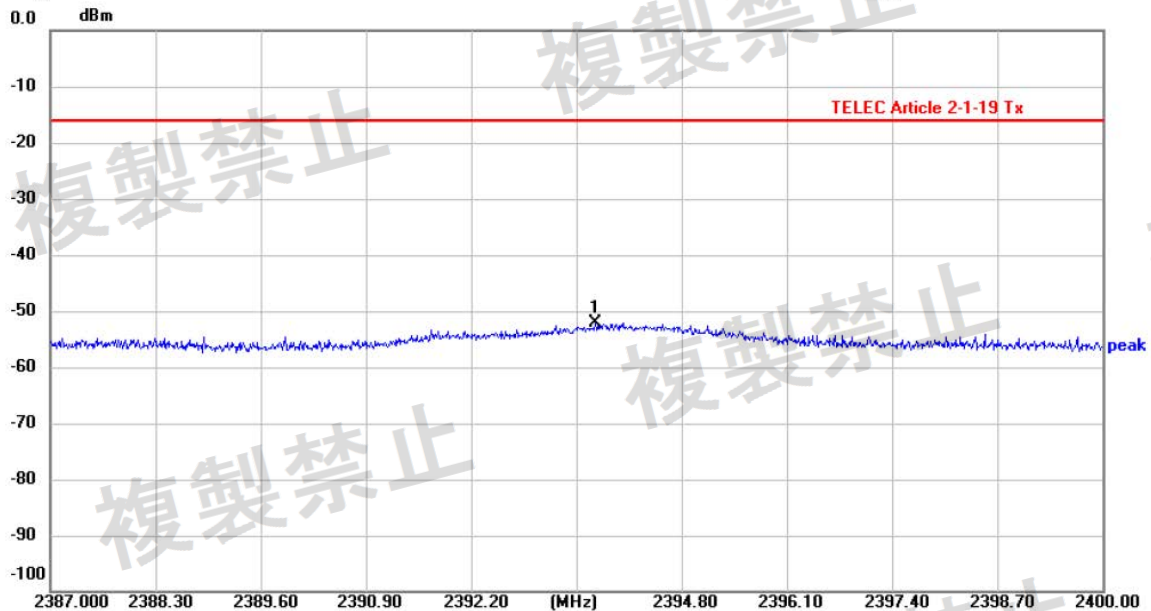
Conducted Emission Measurement

Project No.: 19

Data #6

2025/10/30

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Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2393.734	-62.56	10.36	-52.20	-16.00	-36.20	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

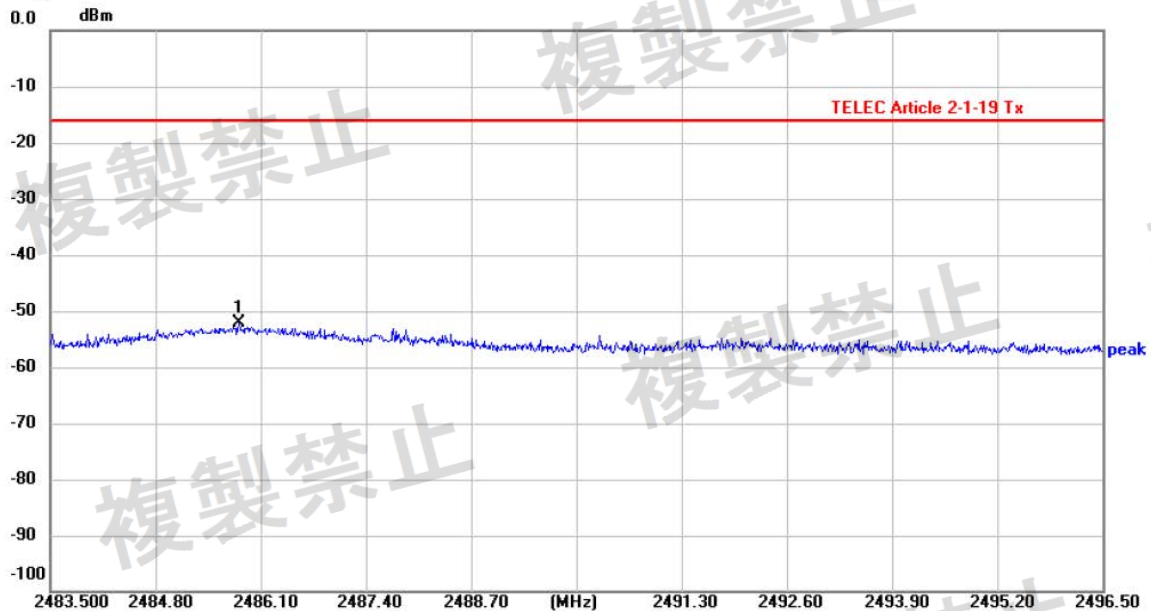
Conducted Emission Measurement

Project No.: 19

Data :#7

2025/10/30

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Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

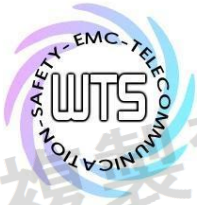
Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2485.827	-62.39	10.36	-52.03	-16.00	-36.03	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

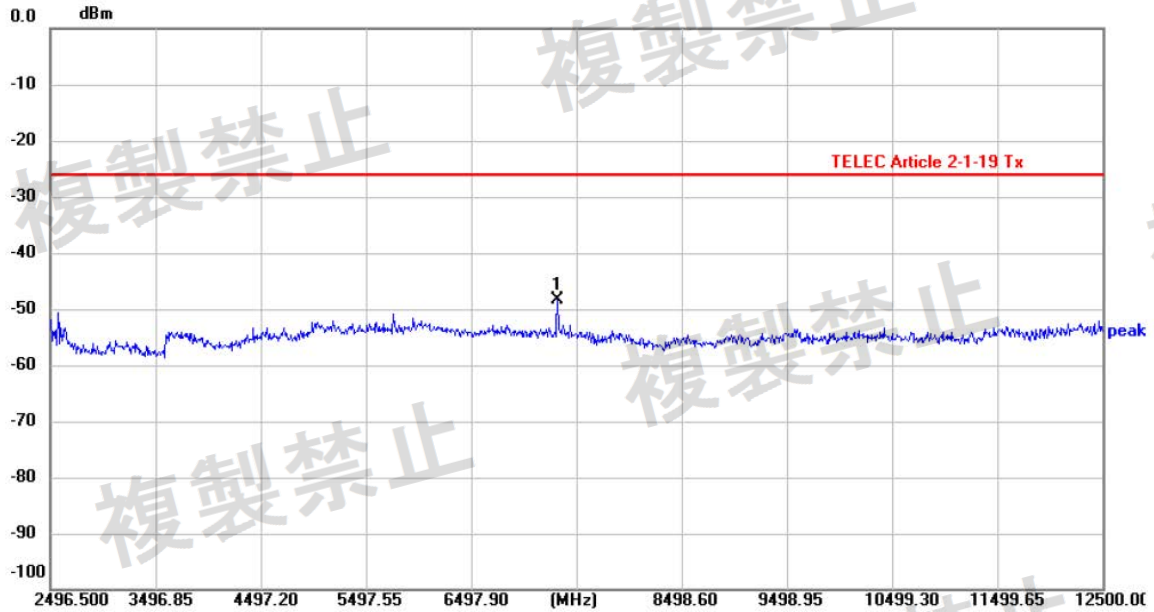
Conducted Emission Measurement

Project No.: 19

Data: #8

2025/10/30

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Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

Distance:

M/N:

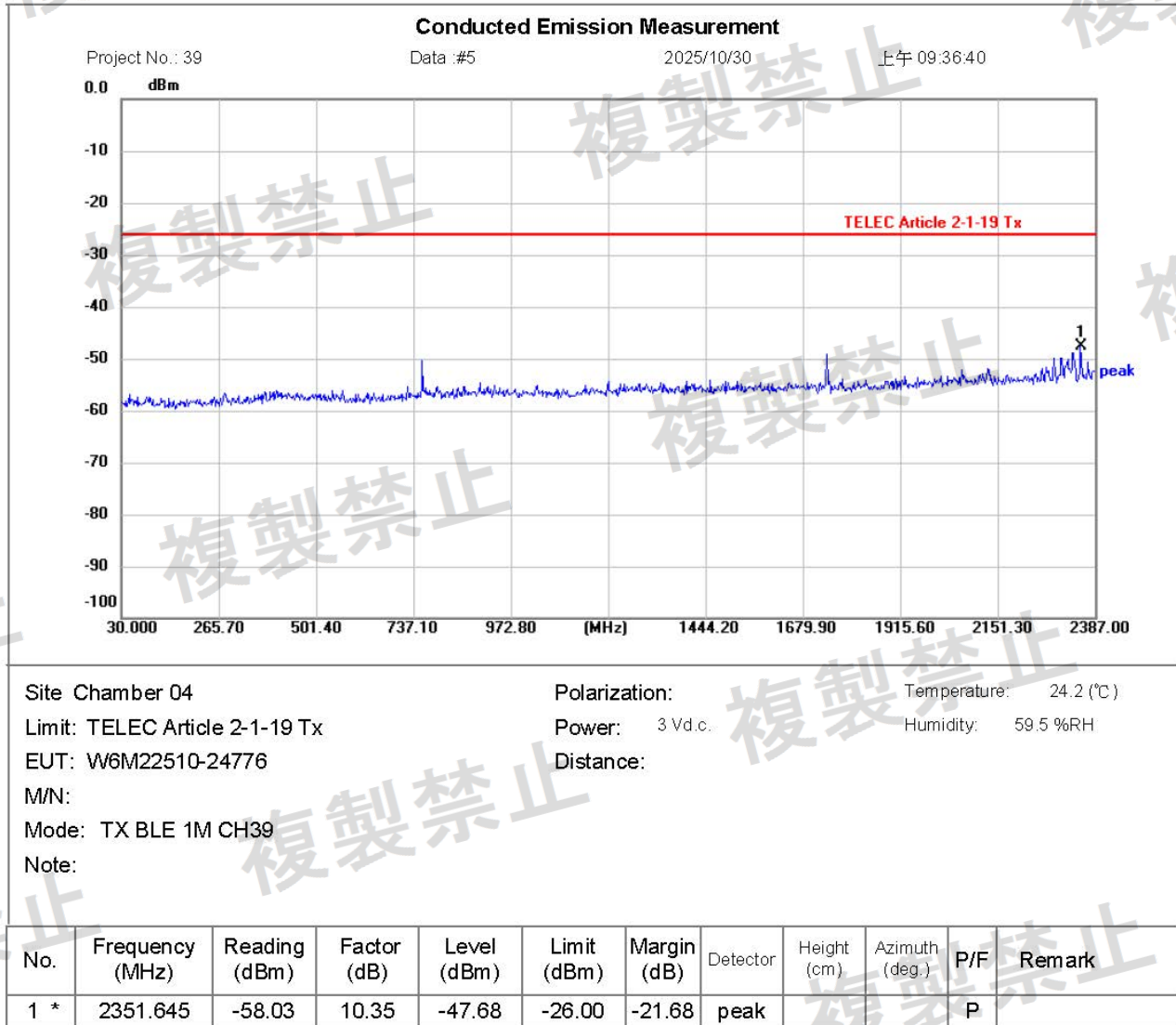
Mode: TX BLE 1M CH19

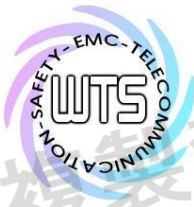
Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	7318.187	-58.88	10.53	-48.35	-26.00	-22.35	peak			P	

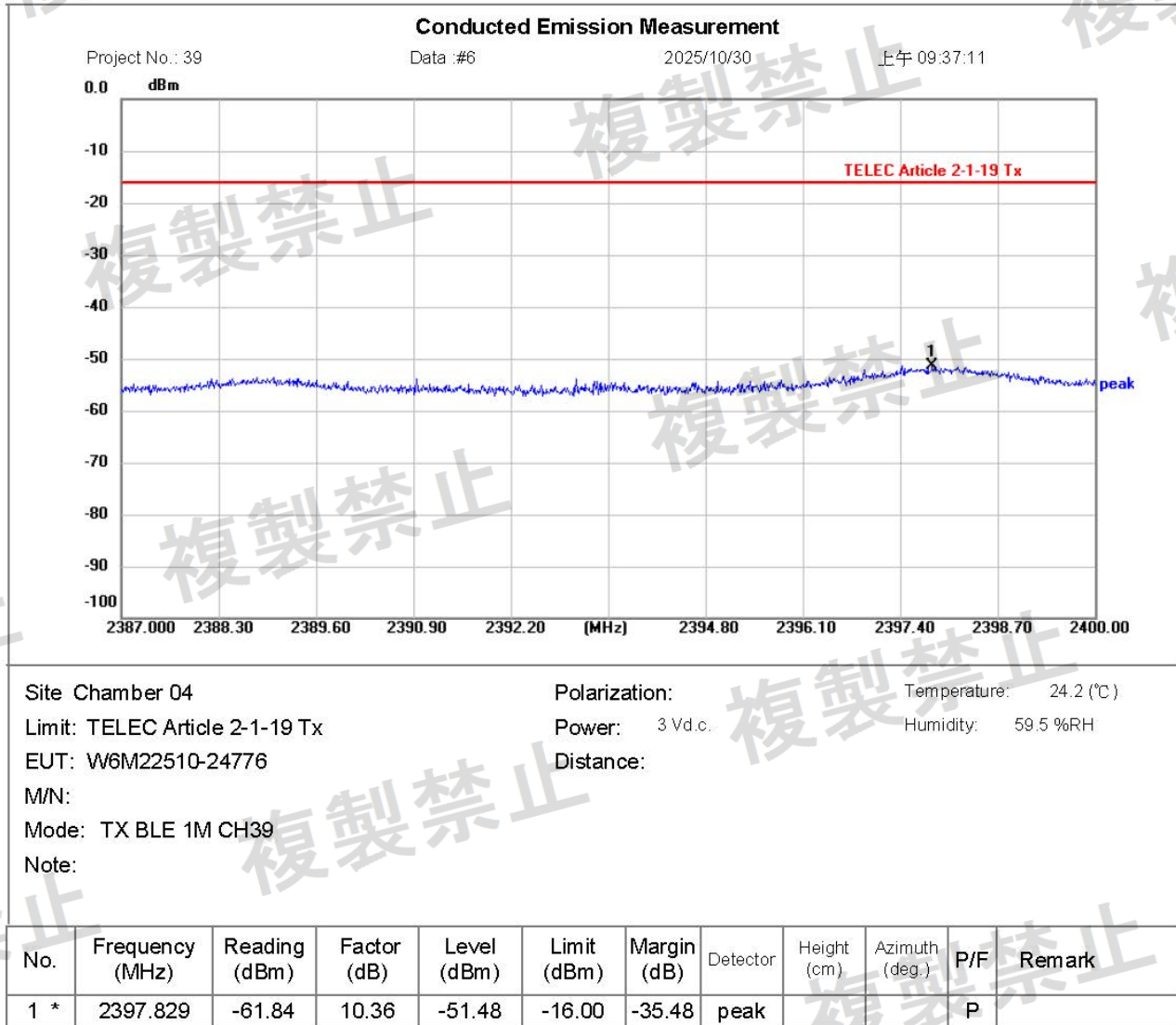


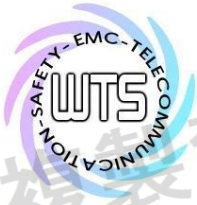
Worldwide Testing Services(Taiwan) Co., Ltd.



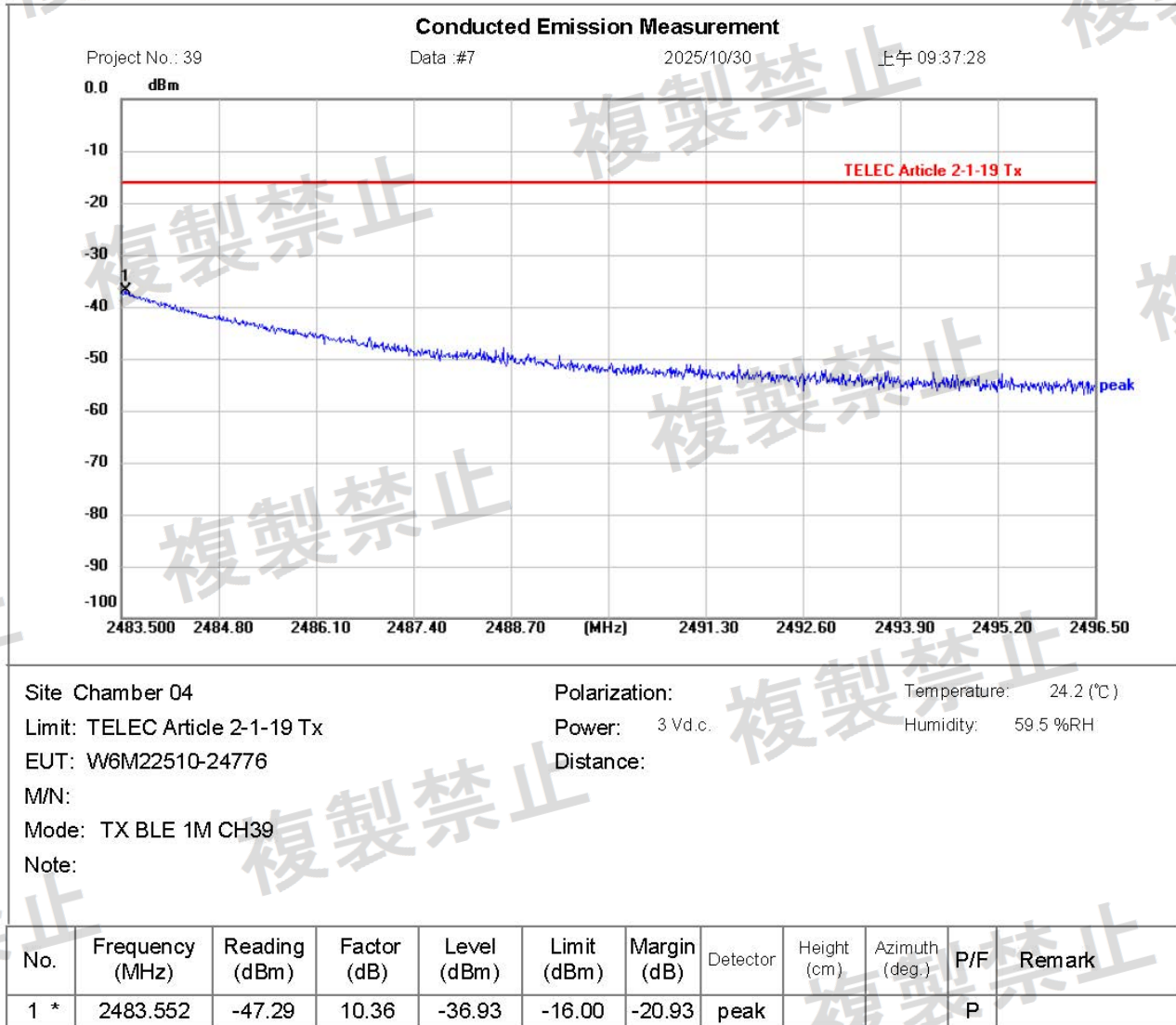


Worldwide Testing Services(Taiwan) Co., Ltd.



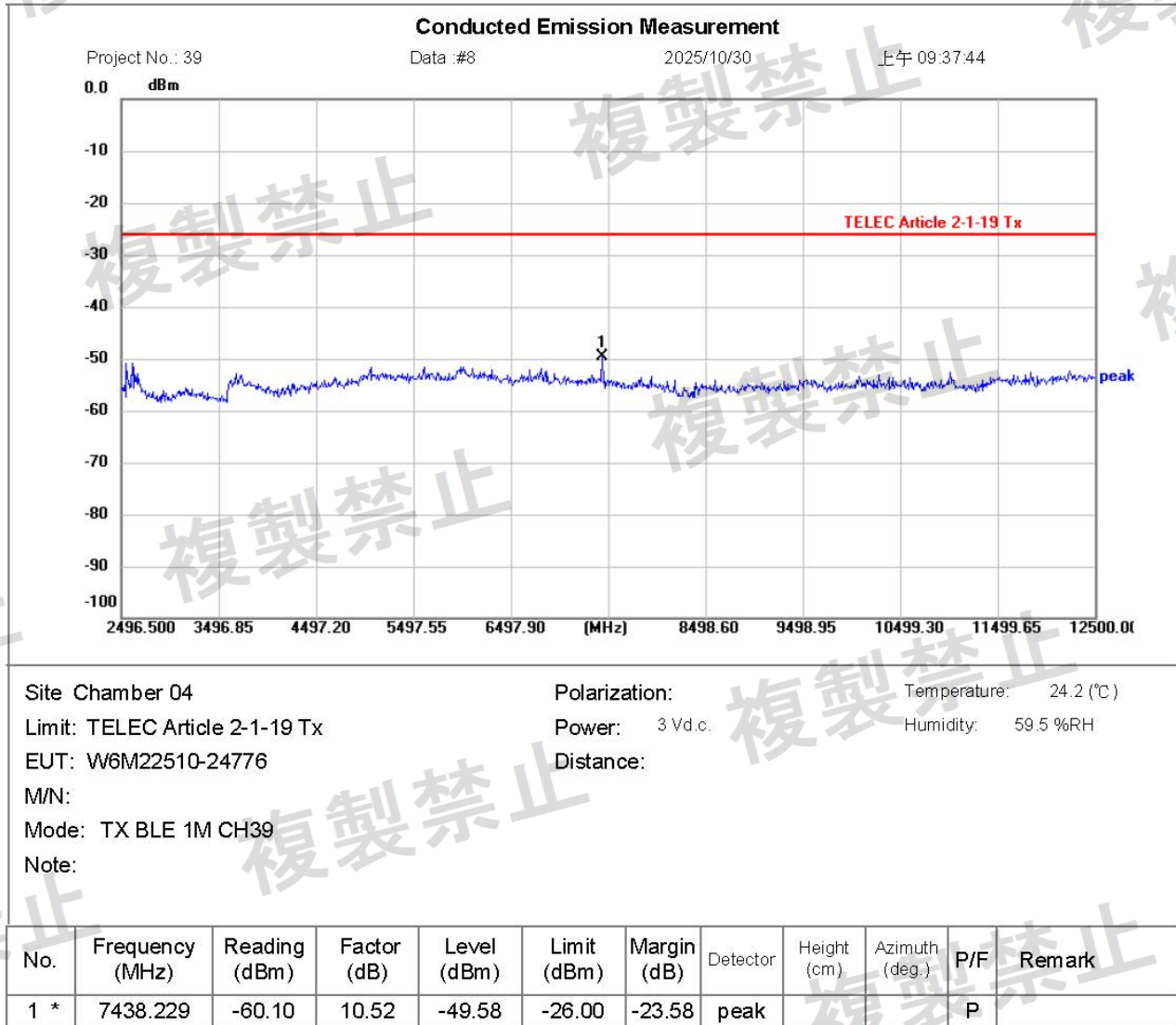


Worldwide Testing Services(Taiwan) Co., Ltd.



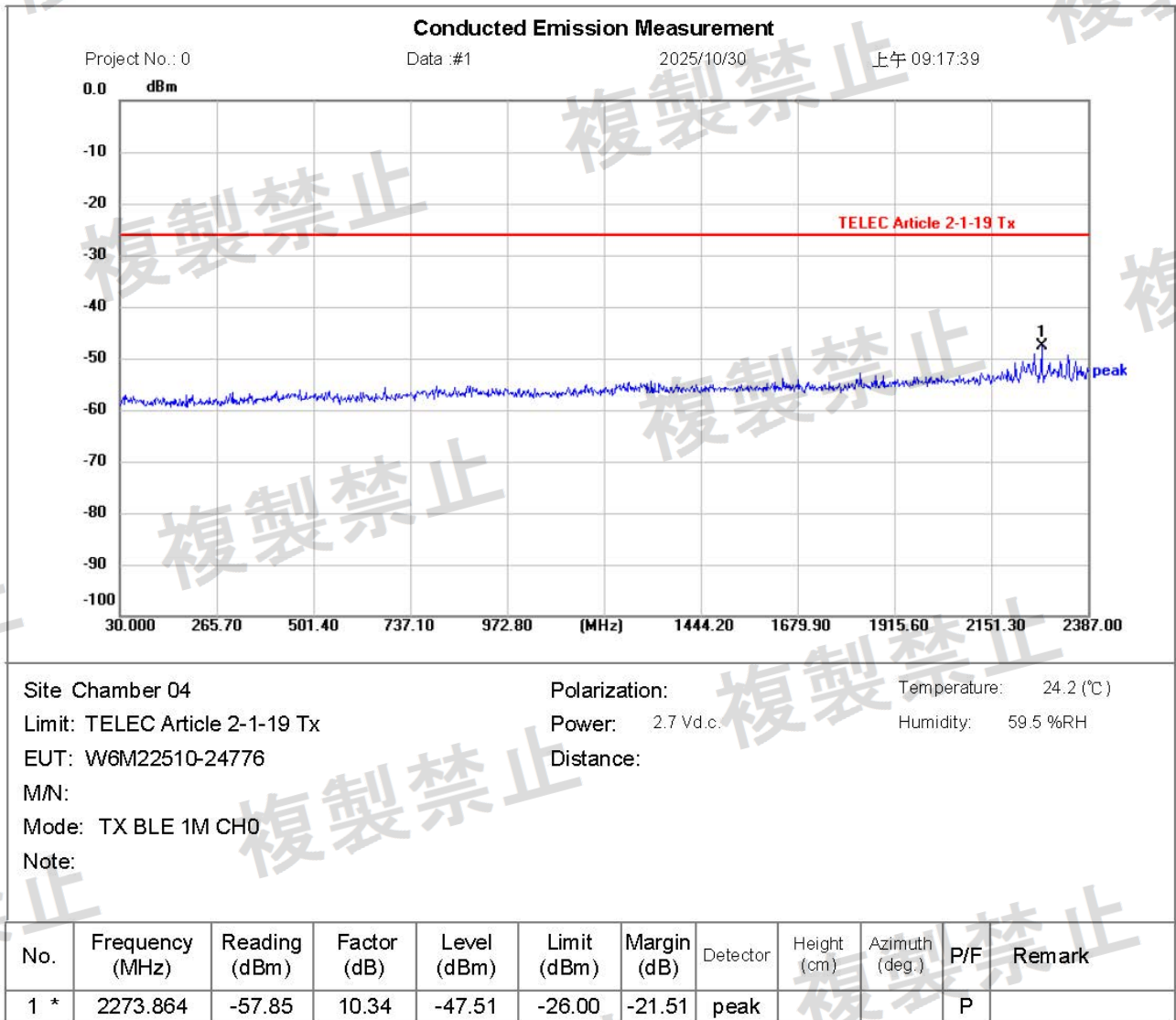


Worldwide Testing Services(Taiwan) Co., Ltd.



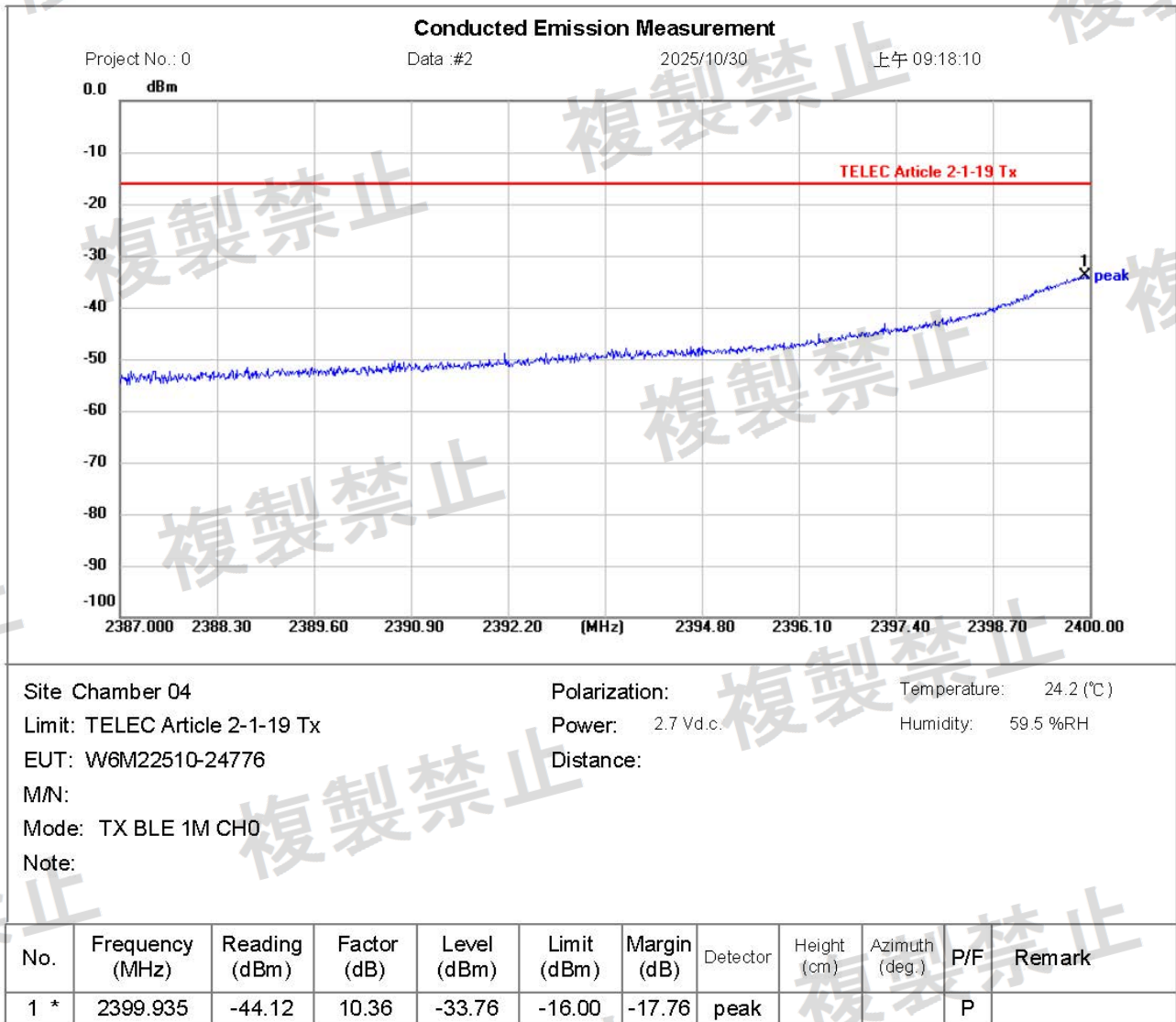


Worldwide Testing Services(Taiwan) Co., Ltd.



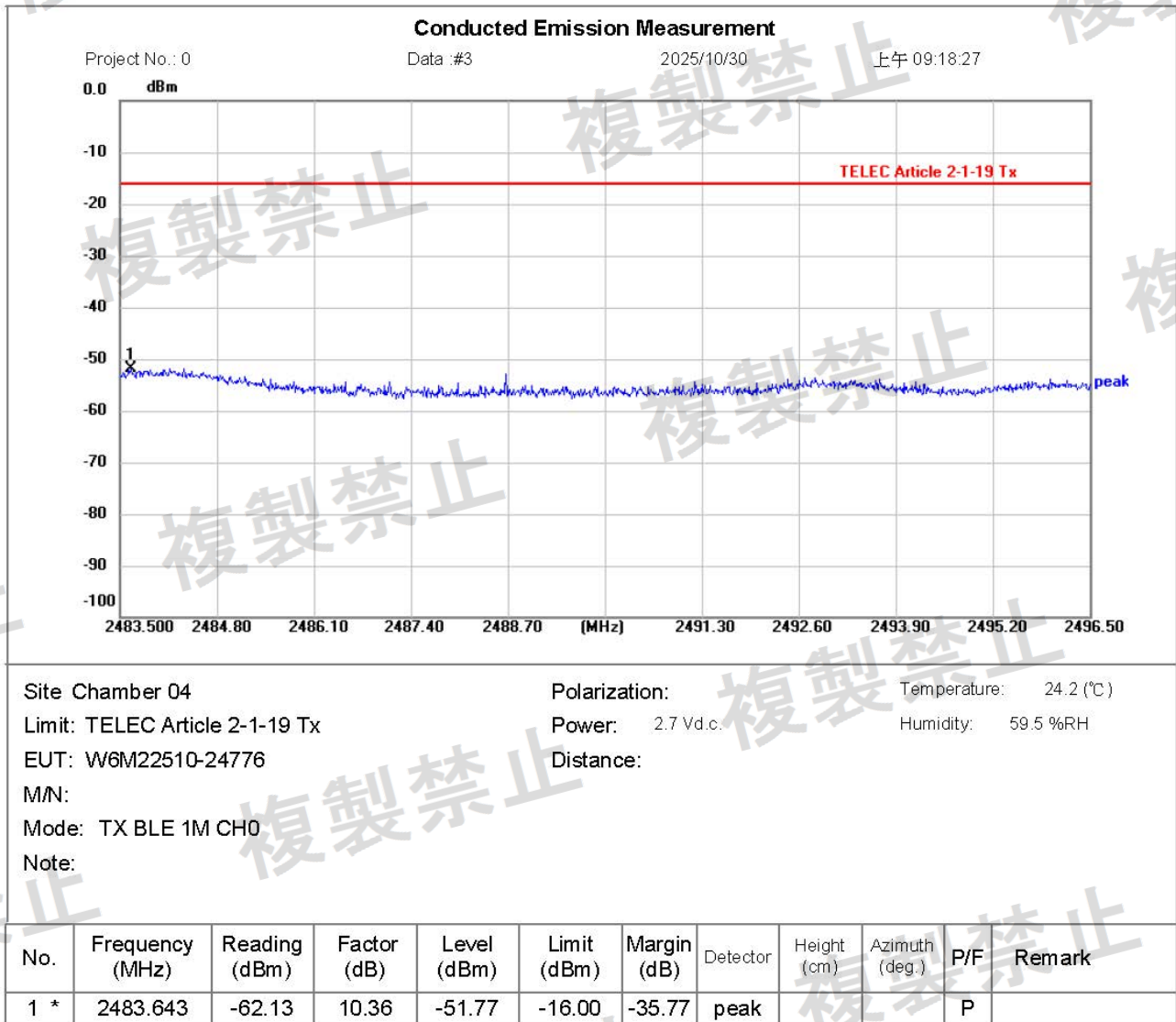


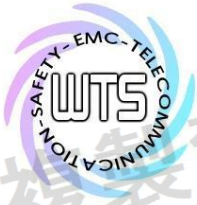
Worldwide Testing Services(Taiwan) Co., Ltd.



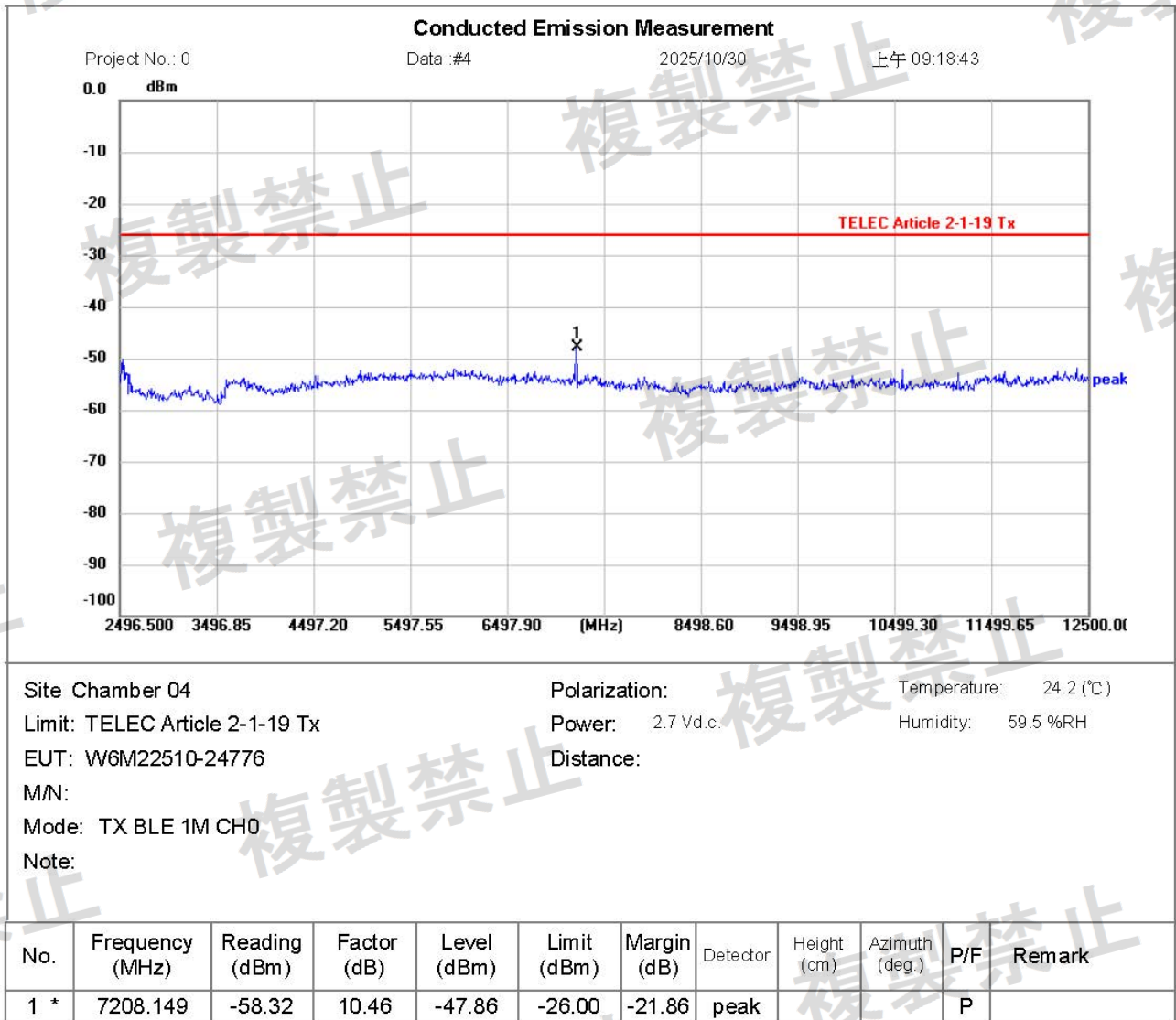


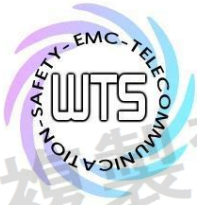
Worldwide Testing Services(Taiwan) Co., Ltd.





Worldwide Testing Services(Taiwan) Co., Ltd.





Worldwide Testing Services(Taiwan) Co., Ltd.

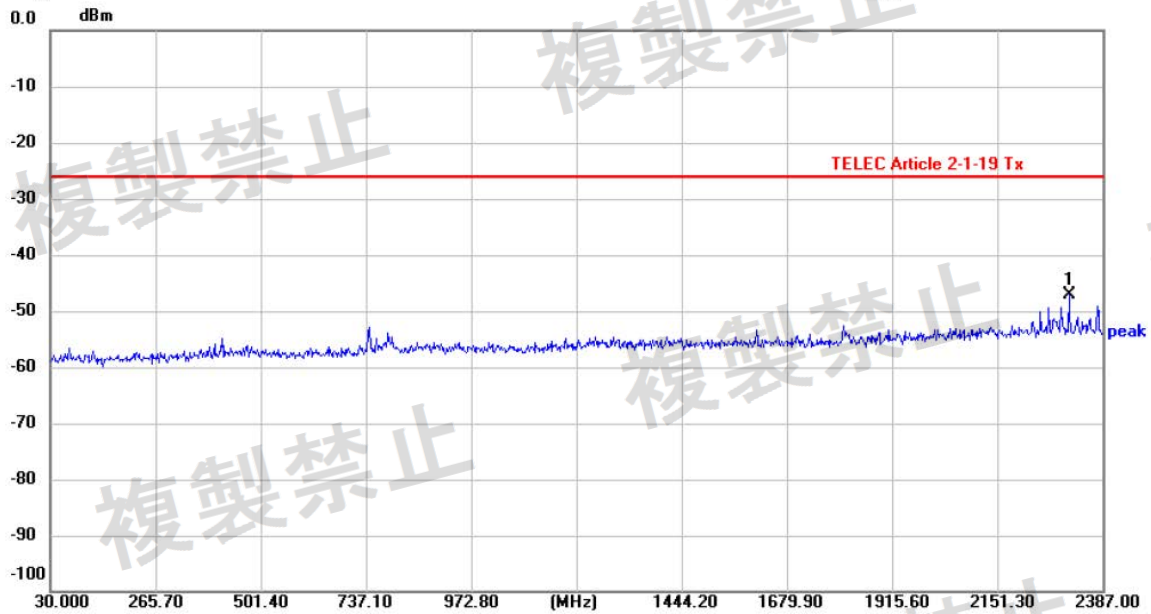
Conducted Emission Measurement

Project No.: 19

Data: #1

2025/10/30

上午 09:24:44



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 2.7 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

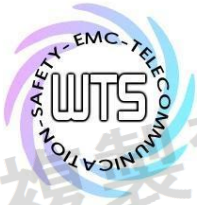
Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2311.576	-57.34	10.34	-47.00	-26.00	-21.00	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

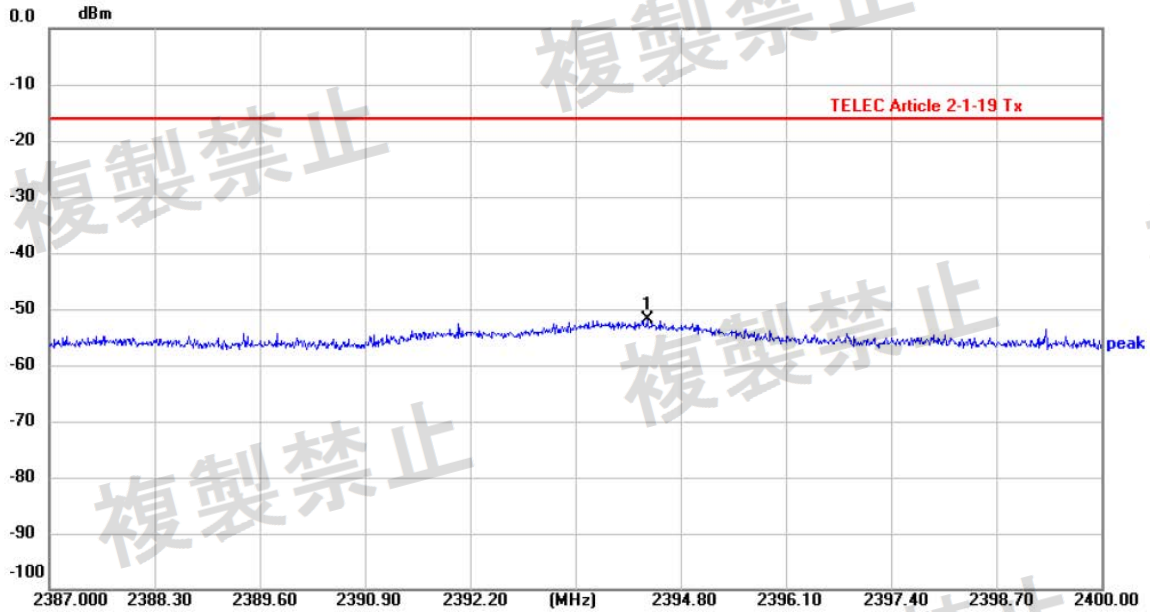
Conducted Emission Measurement

Project No.: 19

Data #2

2025/10/30

上午 09:25:15



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 2.7 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2394.384	-62.19	10.36	-51.83	-16.00	-35.83	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

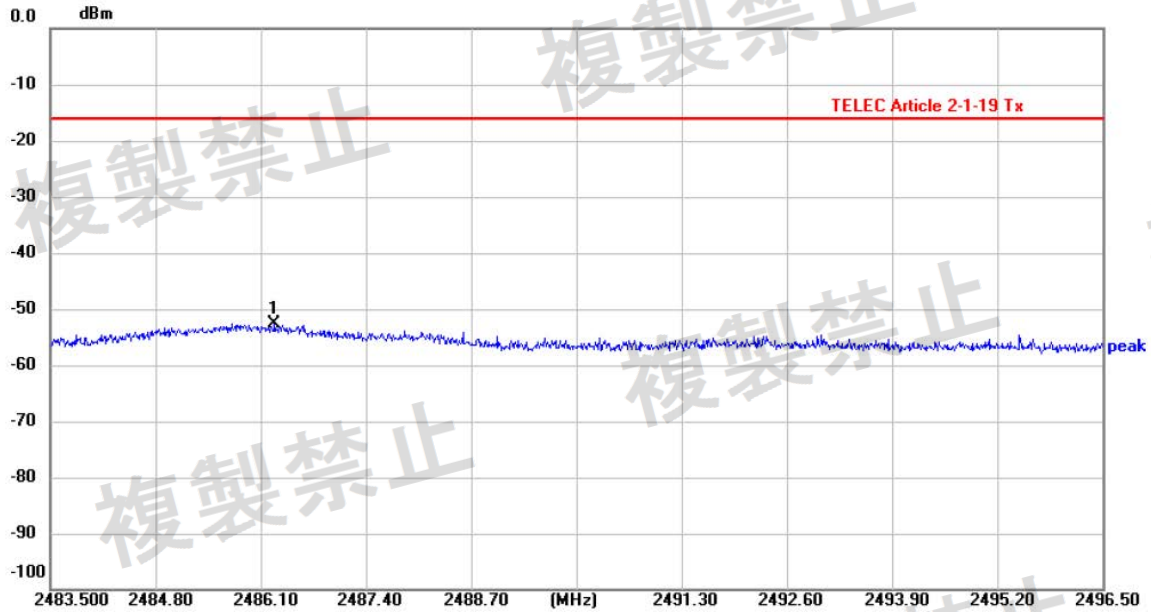
Conducted Emission Measurement

Project No.: 19

Data :#3

2025/10/30

上午 09:25:31



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 2.7 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2486.269	-62.87	10.36	-52.51	-16.00	-36.51	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

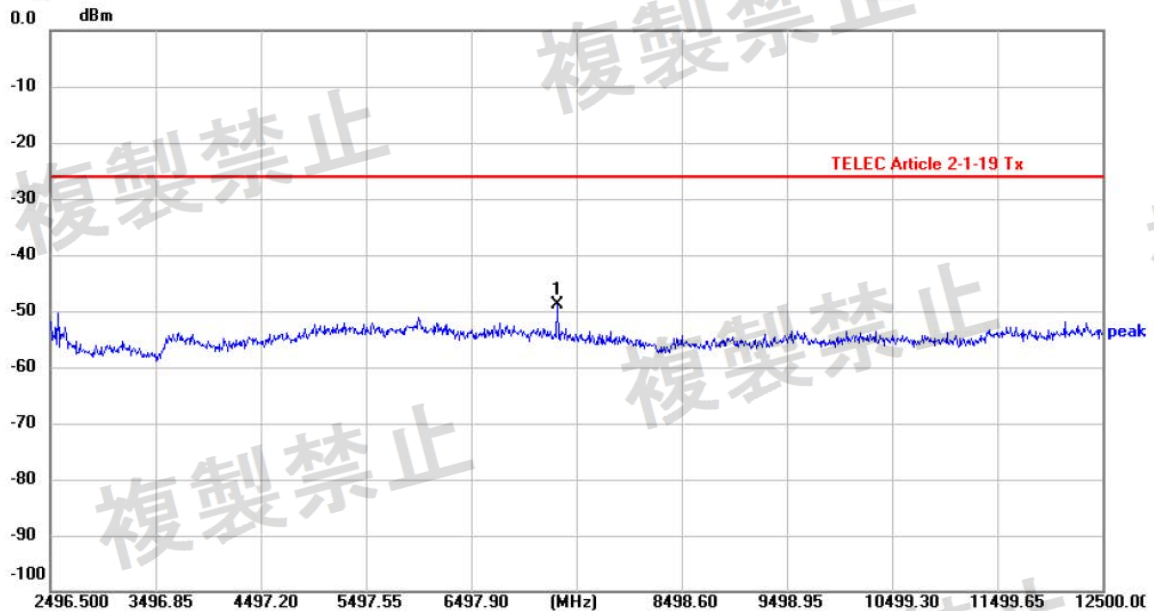
Conducted Emission Measurement

Project No.: 19

Data #4

2025/10/30

上午 09:25:47



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 2.7 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

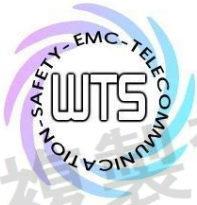
Distance:

M/N:

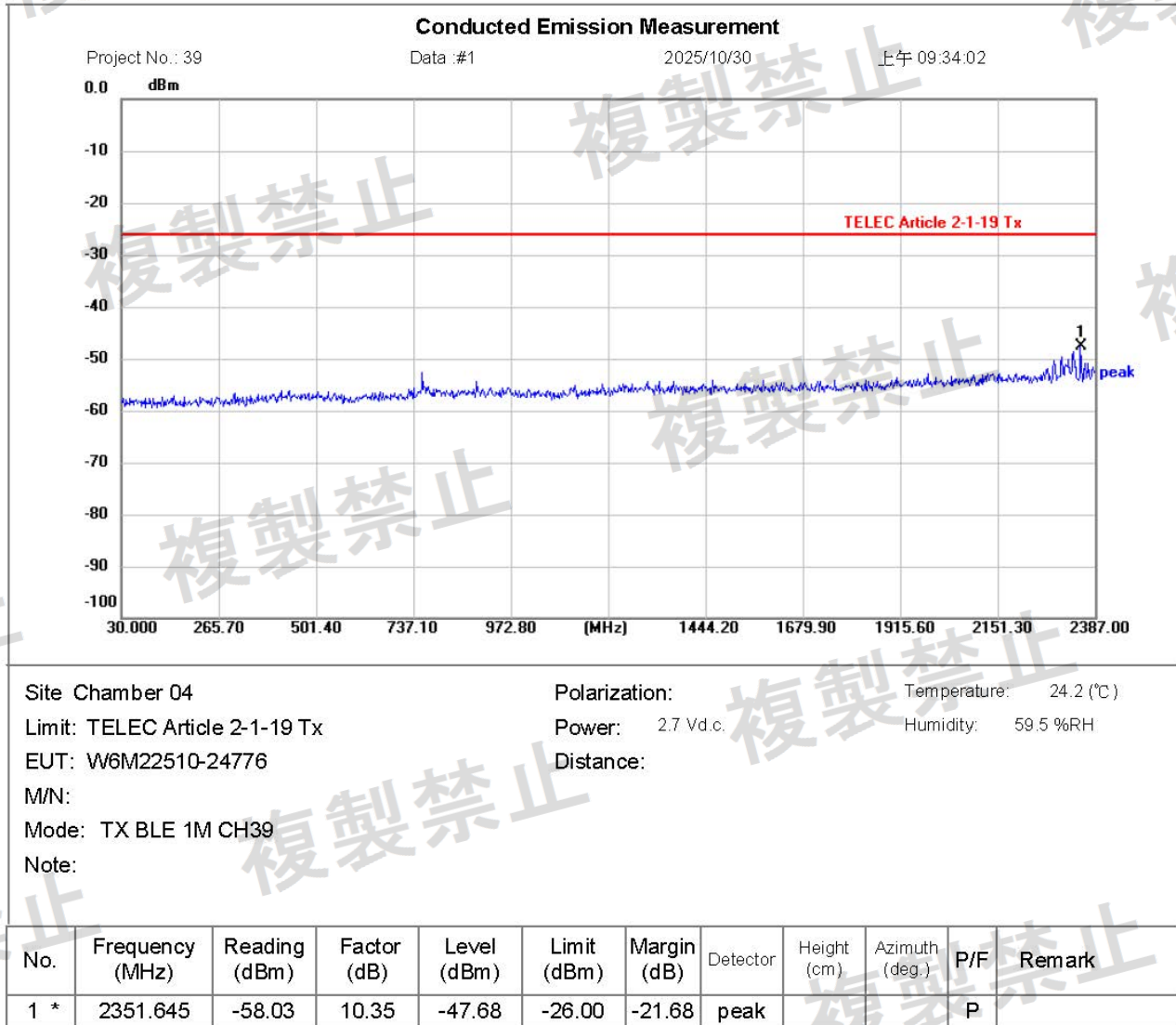
Mode: TX BLE 1M CH19

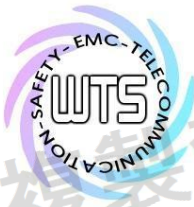
Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	7318.187	-59.37	10.53	-48.84	-26.00	-22.84	peak			P	

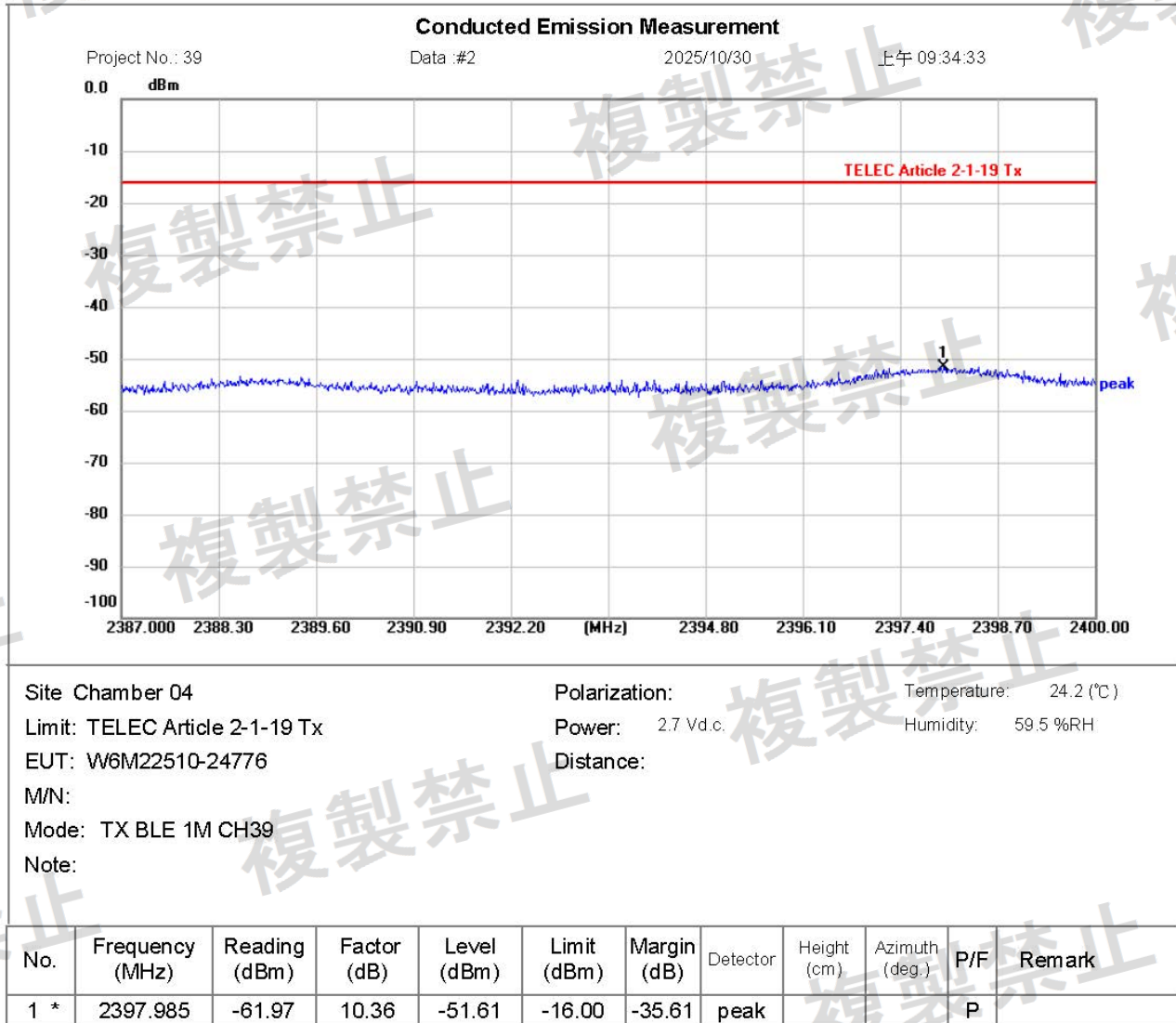


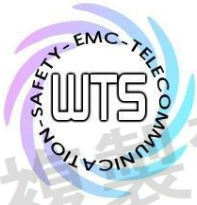
Worldwide Testing Services(Taiwan) Co., Ltd.



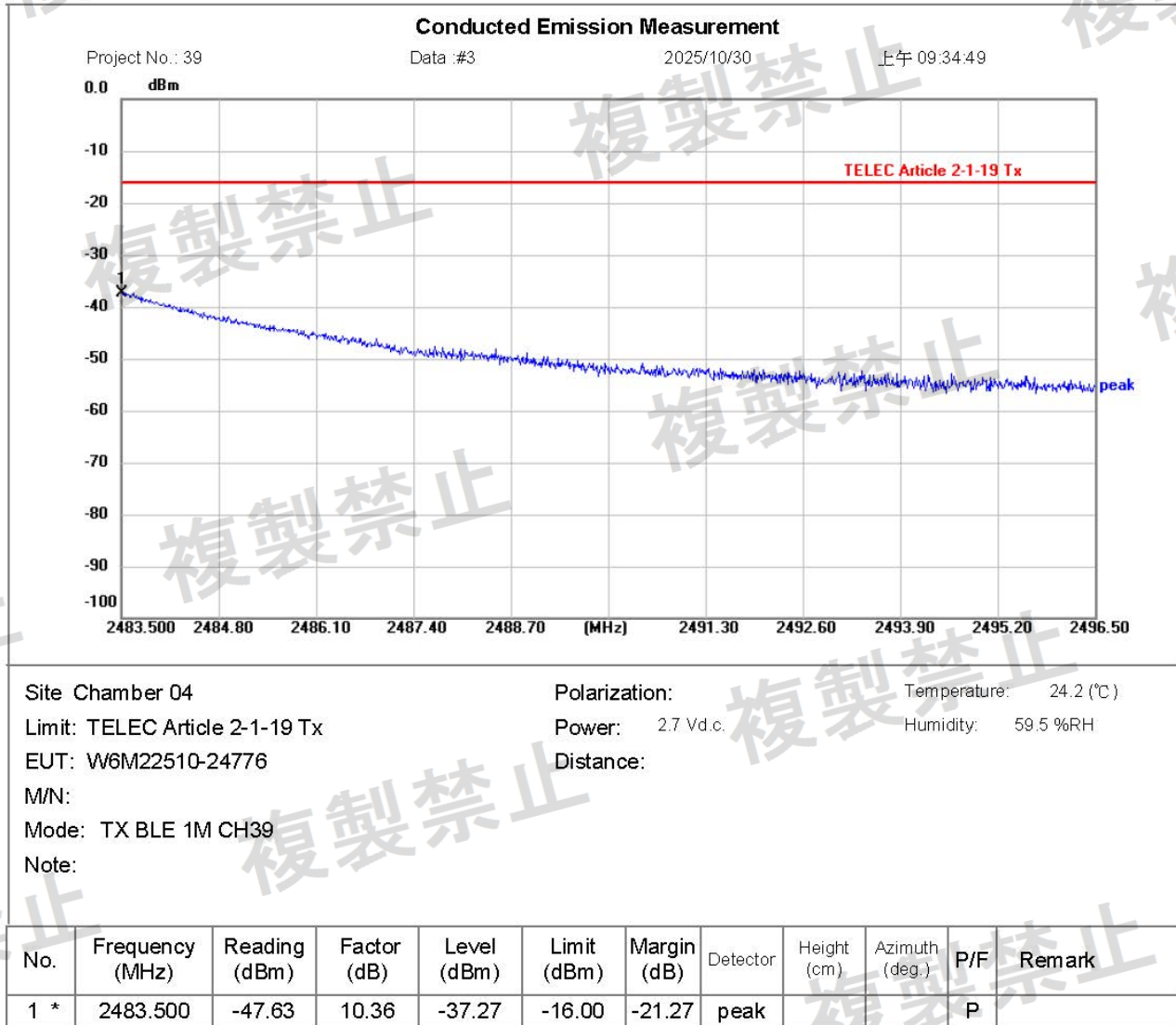


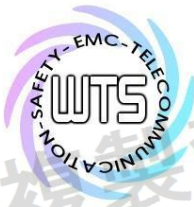
Worldwide Testing Services(Taiwan) Co., Ltd.



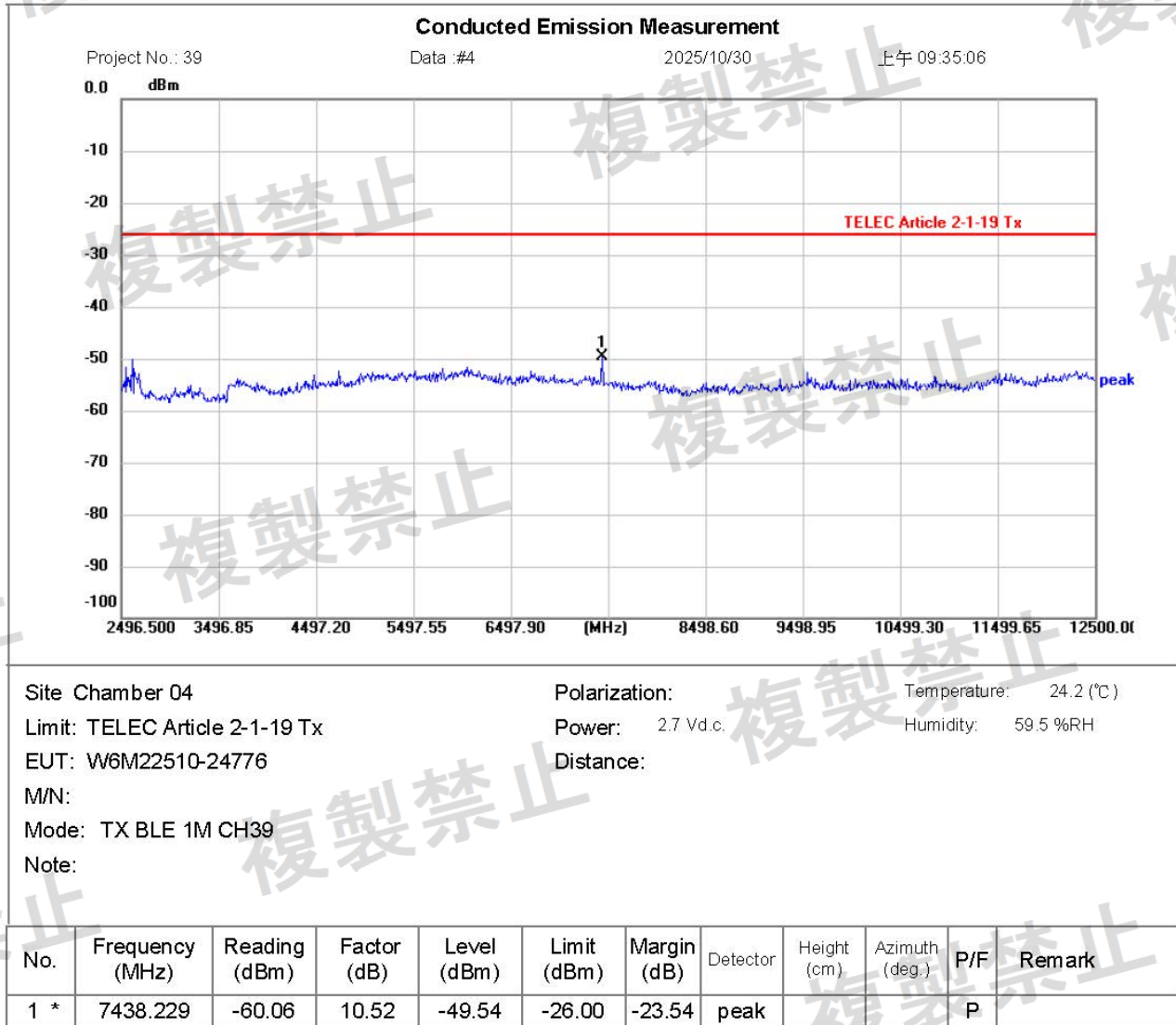


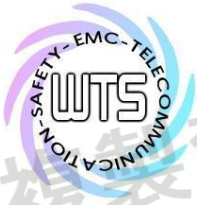
Worldwide Testing Services(Taiwan) Co., Ltd.



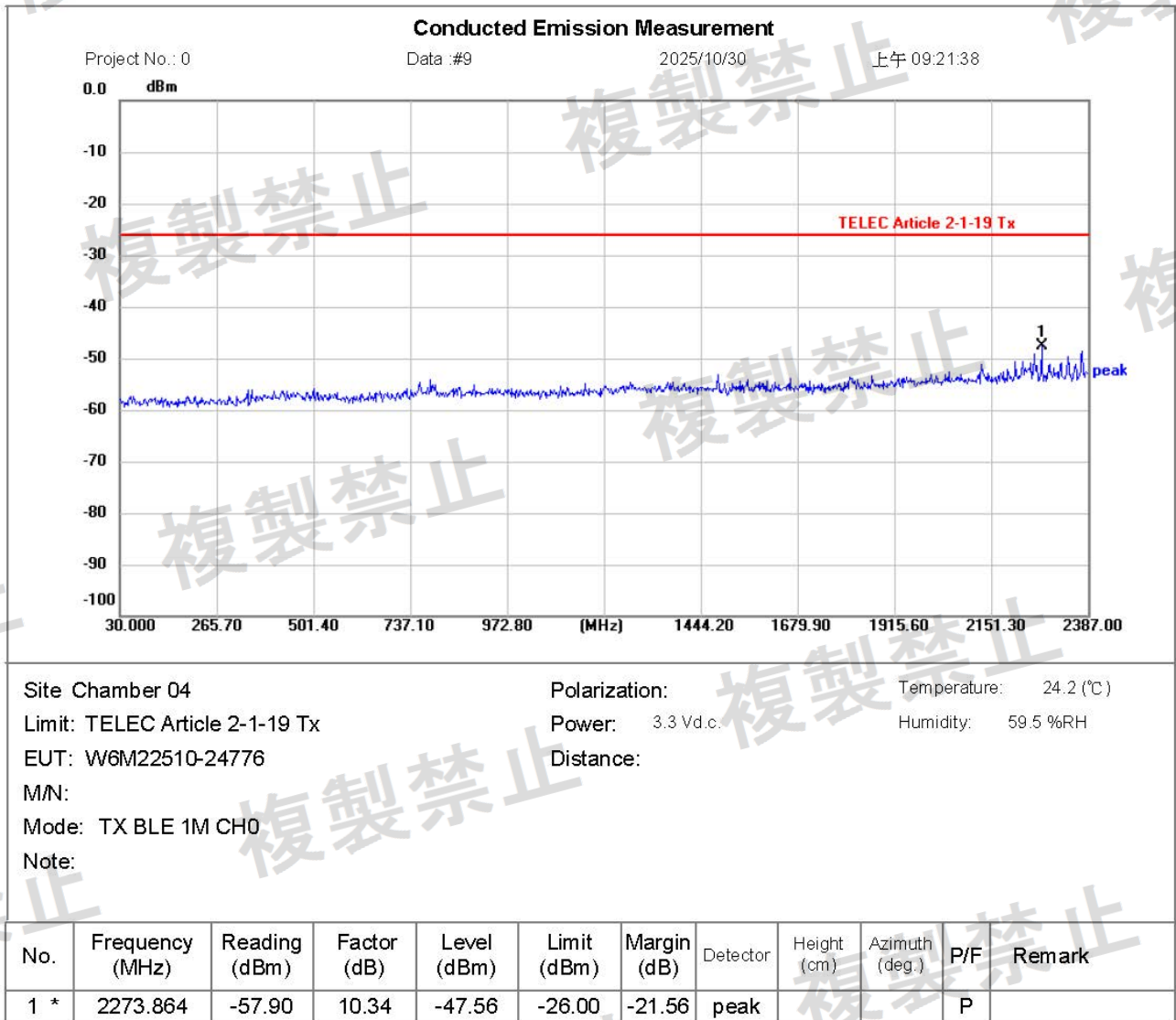


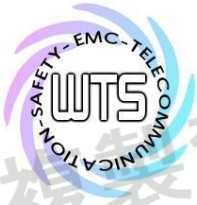
Worldwide Testing Services(Taiwan) Co., Ltd.



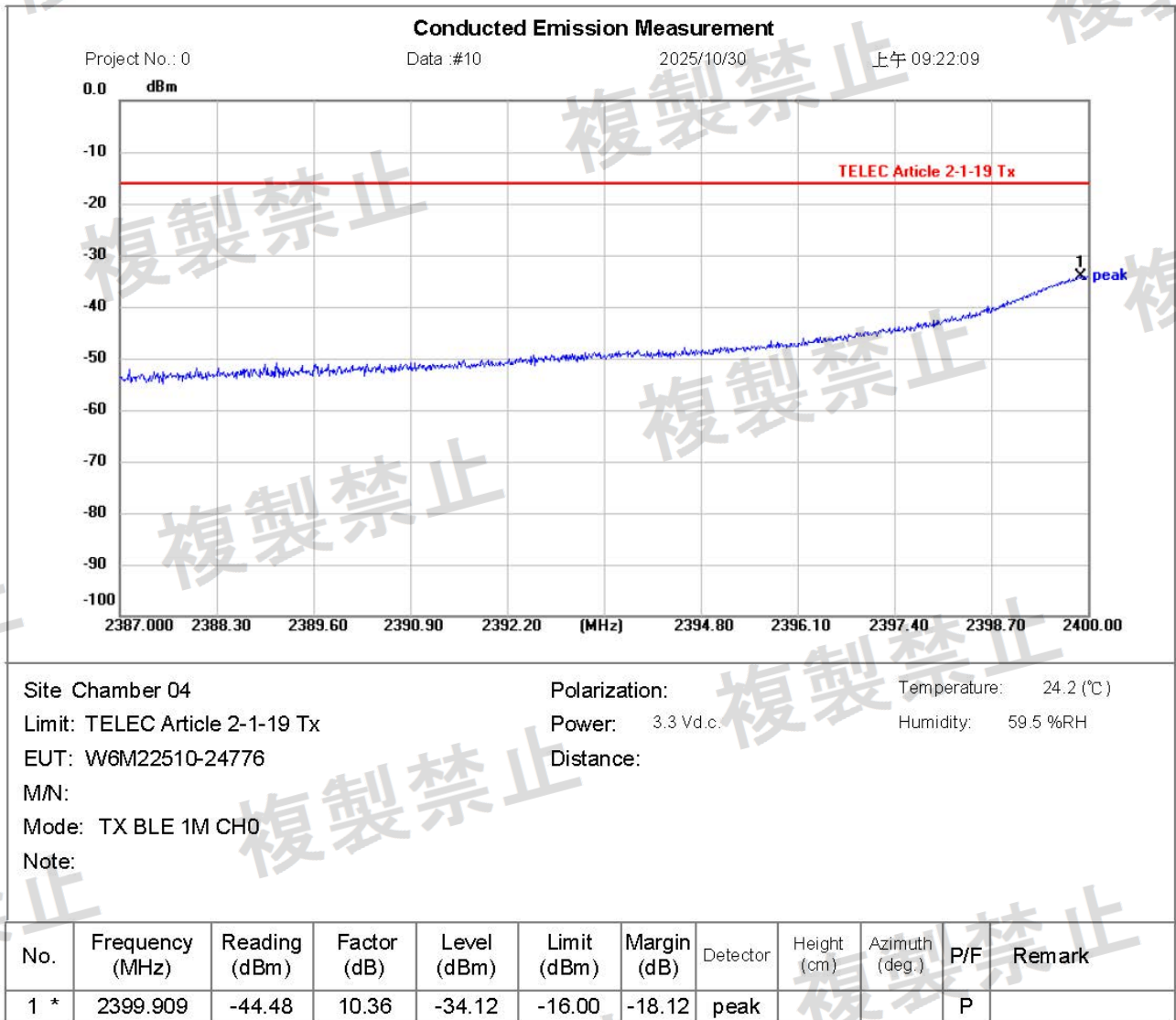


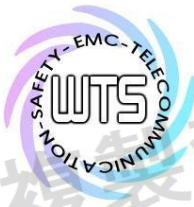
Worldwide Testing Services(Taiwan) Co., Ltd.



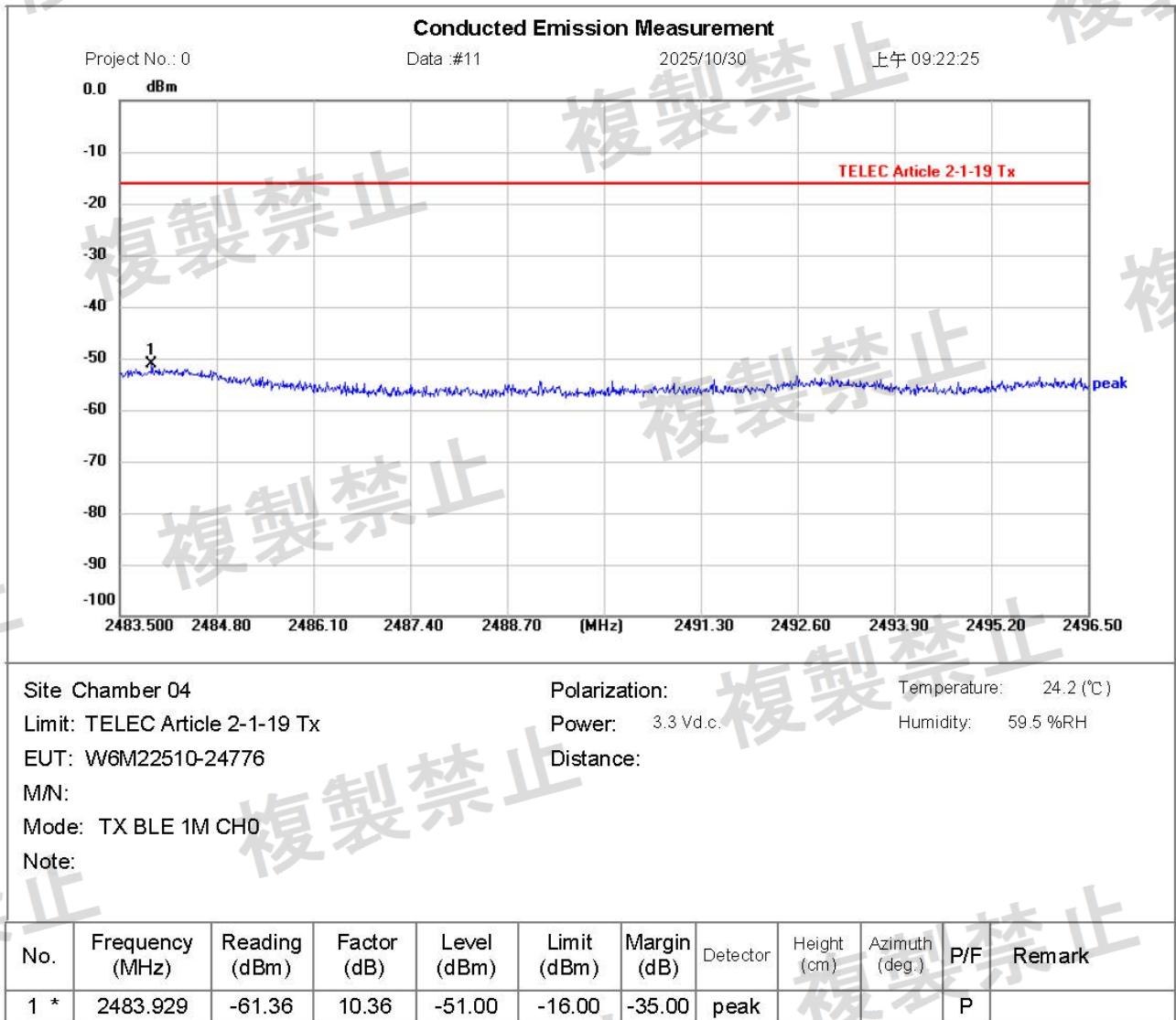


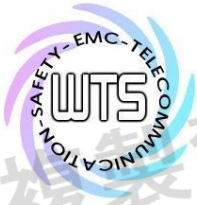
Worldwide Testing Services(Taiwan) Co., Ltd.



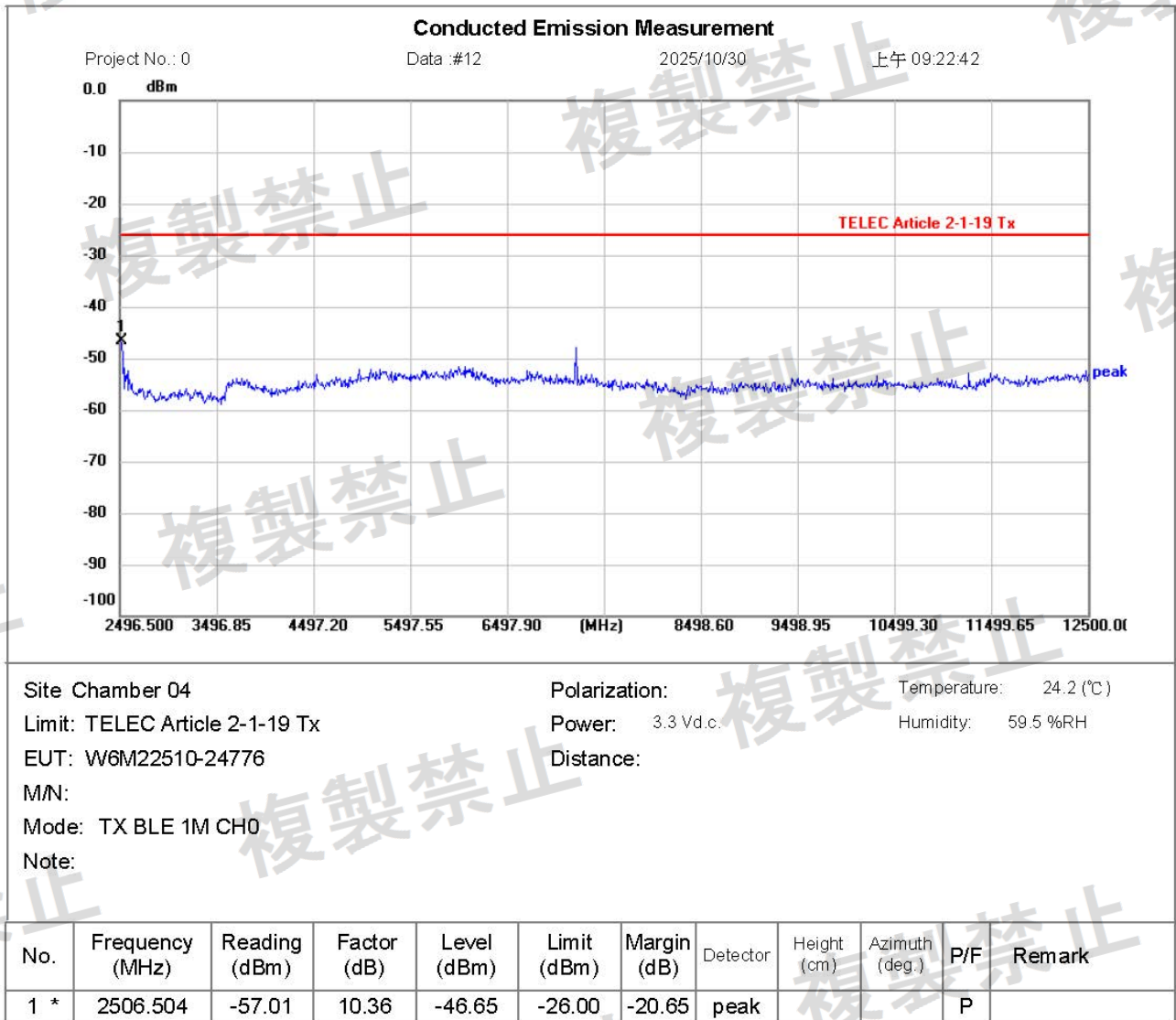


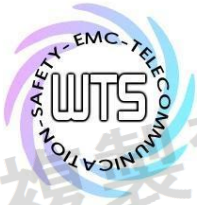
Worldwide Testing Services(Taiwan) Co., Ltd.





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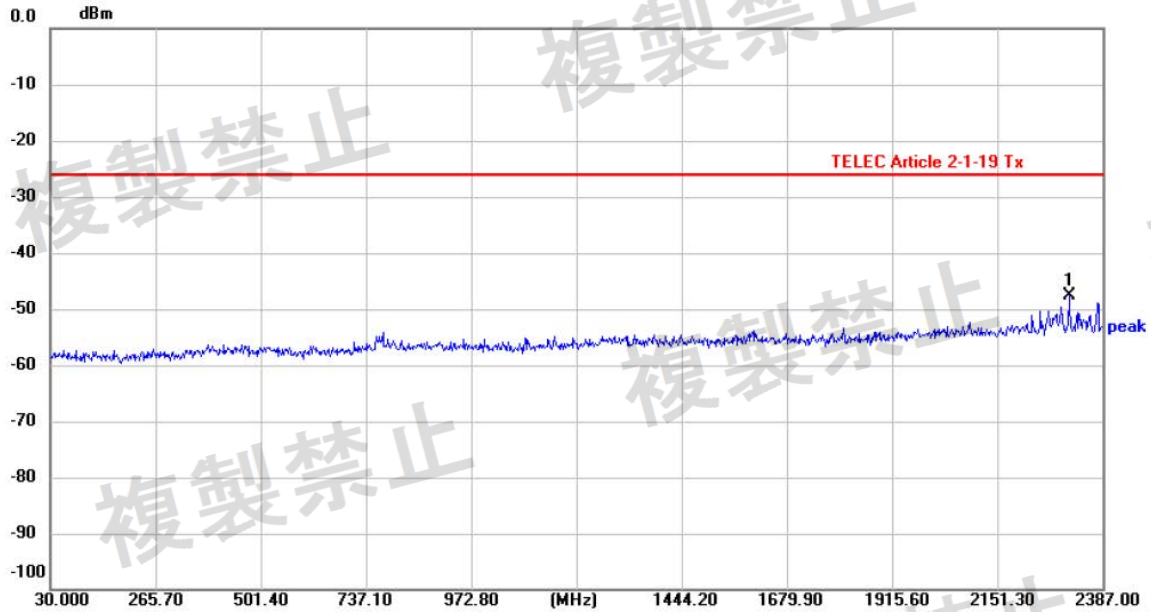
Conducted Emission Measurement

Project No.: 19

Data: #9

2025/10/30

上午 09:30:51



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3.3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2311.576	-58.00	10.34	-47.66	-26.00	-21.66	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

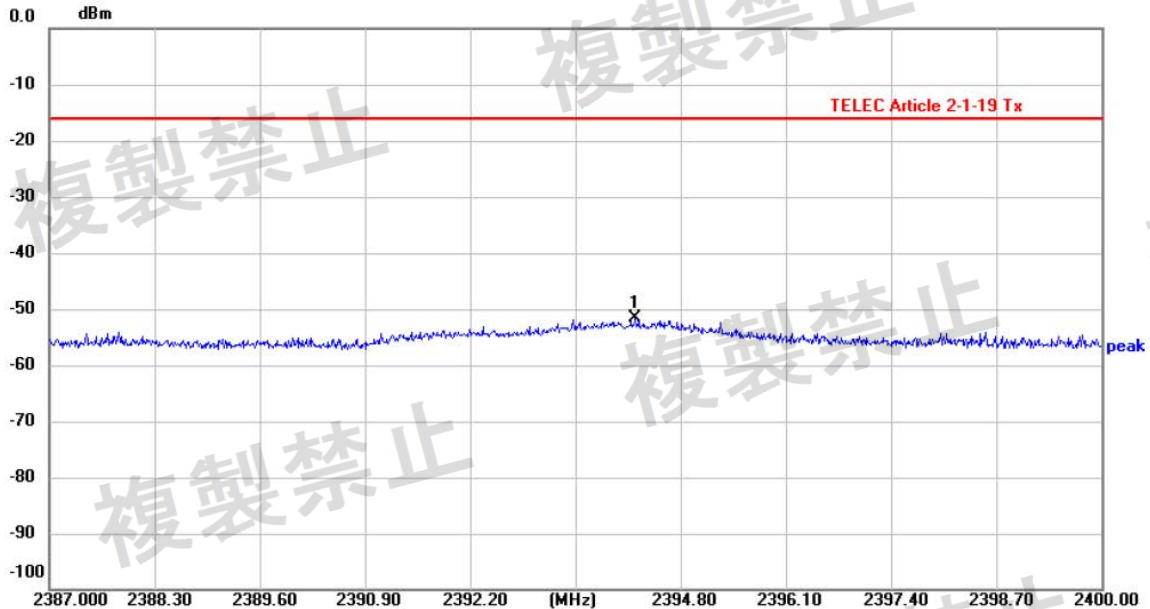
Conducted Emission Measurement

Project No.: 19

Data #10

2025/10/30

上午 09:31:22



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3.3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

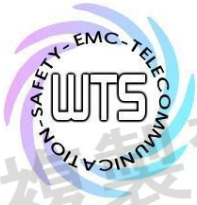
Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2394.241	-62.03	10.36	-51.67	-16.00	-35.67	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

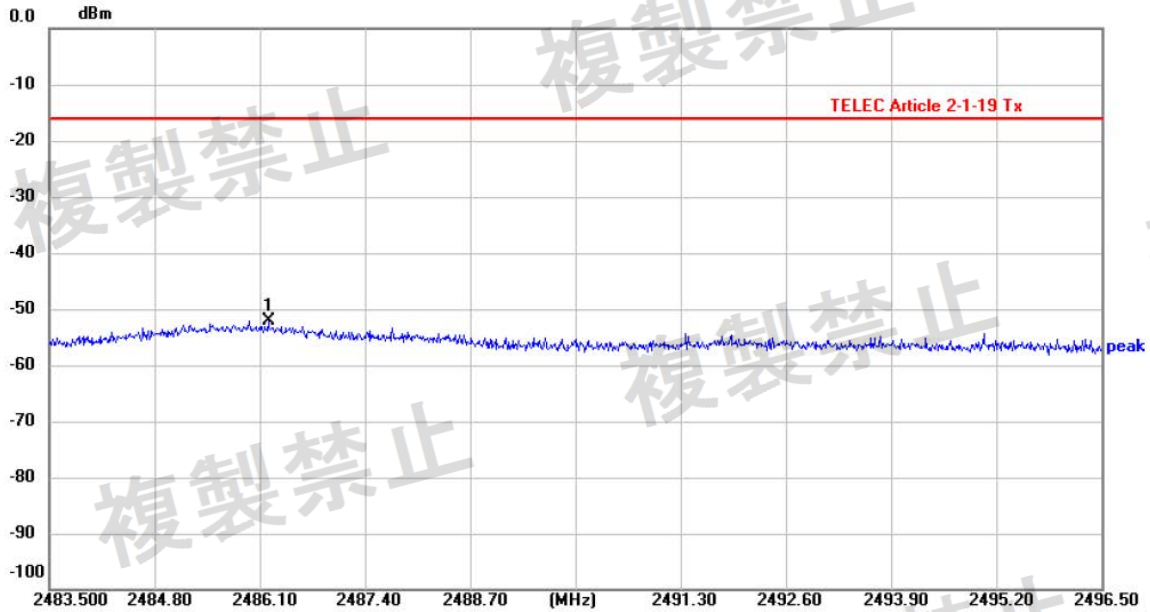
Conducted Emission Measurement

Project No.: 19

Data #11

2025/10/30

上午 09:31:39



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3.3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

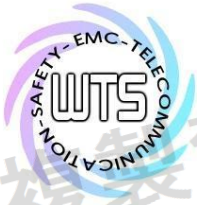
Distance:

M/N:

Mode: TX BLE 1M CH19

Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2486.204	-62.46	10.36	-52.10	-16.00	-36.10	peak			P	



Worldwide Testing Services(Taiwan) Co., Ltd.

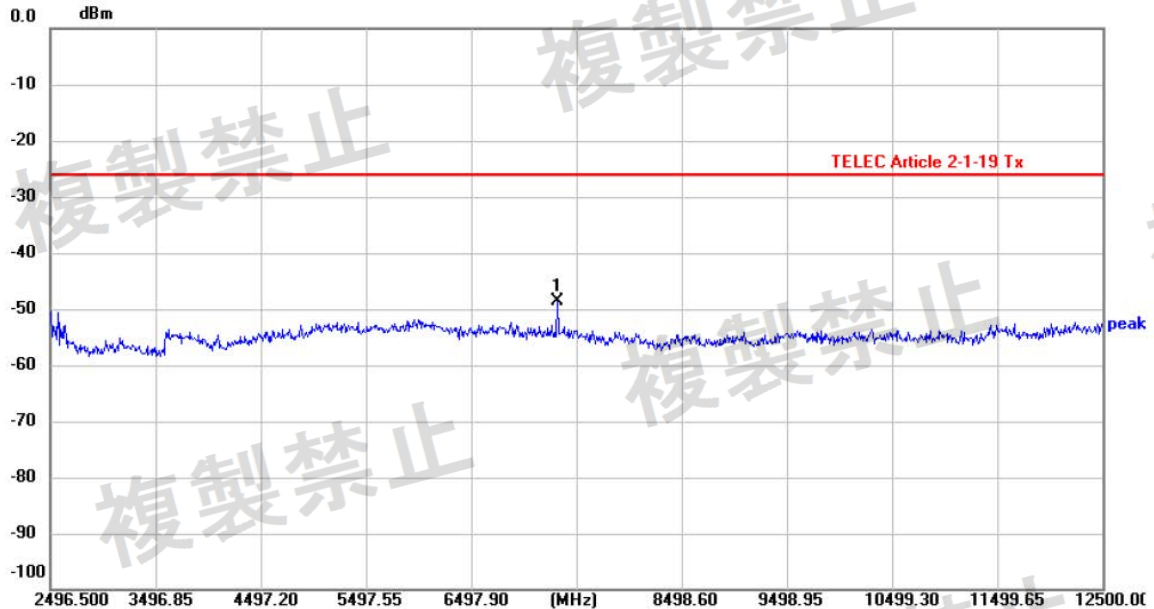
Conducted Emission Measurement

Project No.: 19

Data #12

2025/10/30

上午 09:31:55



Site Chamber 04

Polarization:

Temperature: 24.2 (°C)

Limit: TELEC Article 2-1-19 Tx

Power: 3.3 Vd.c.

Humidity: 59.5 %RH

EUT: W6M22510-24776

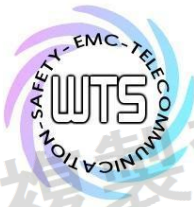
Distance:

M/N:

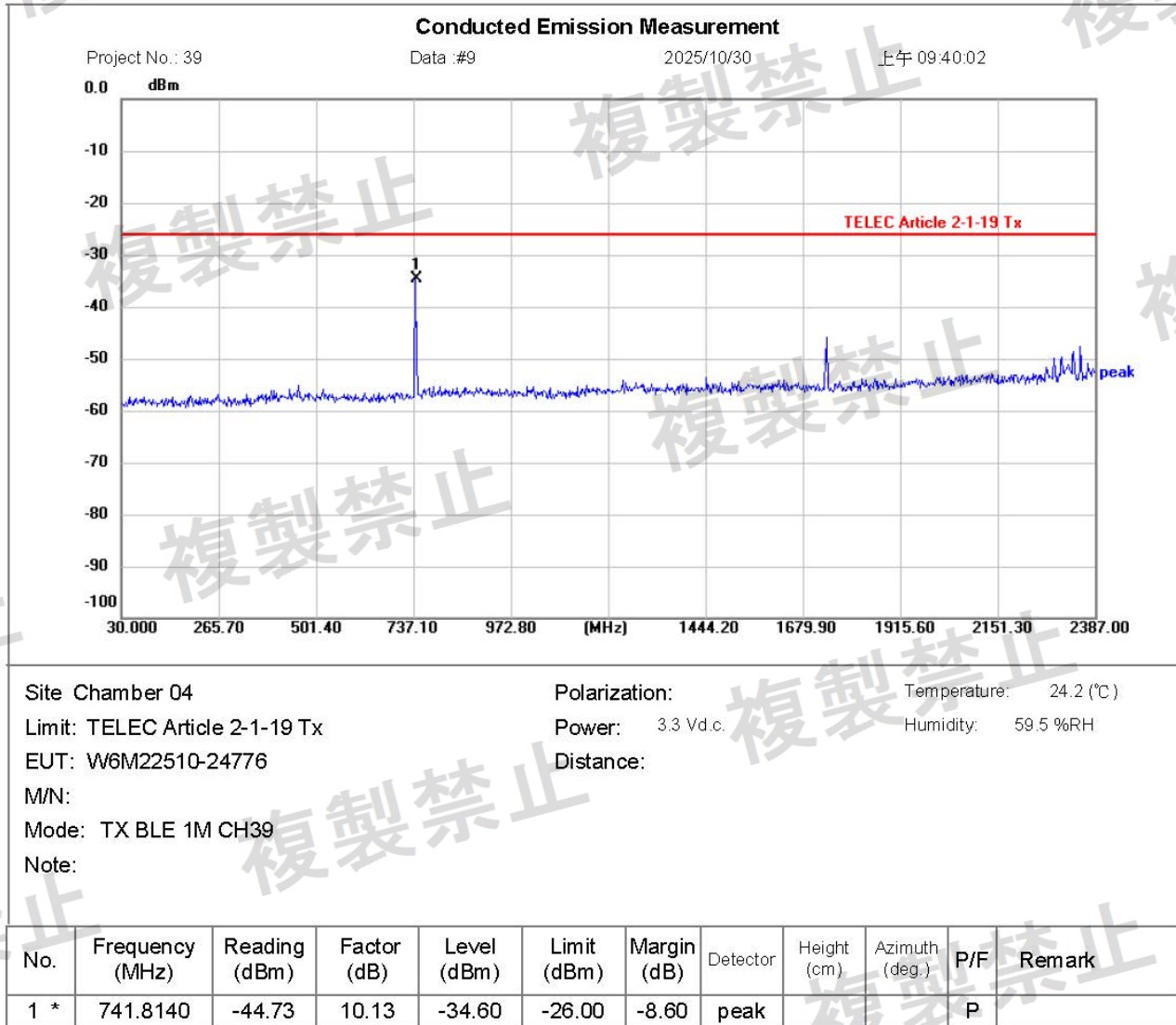
Mode: TX BLE 1M CH19

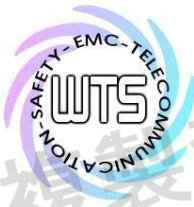
Note:

No.	Frequency (MHz)	Reading (dBm)	Factor (dB)	Level (dBm)	Limit (dBm)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	7318.187	-59.07	10.53	-48.54	-26.00	-22.54	peak			P	

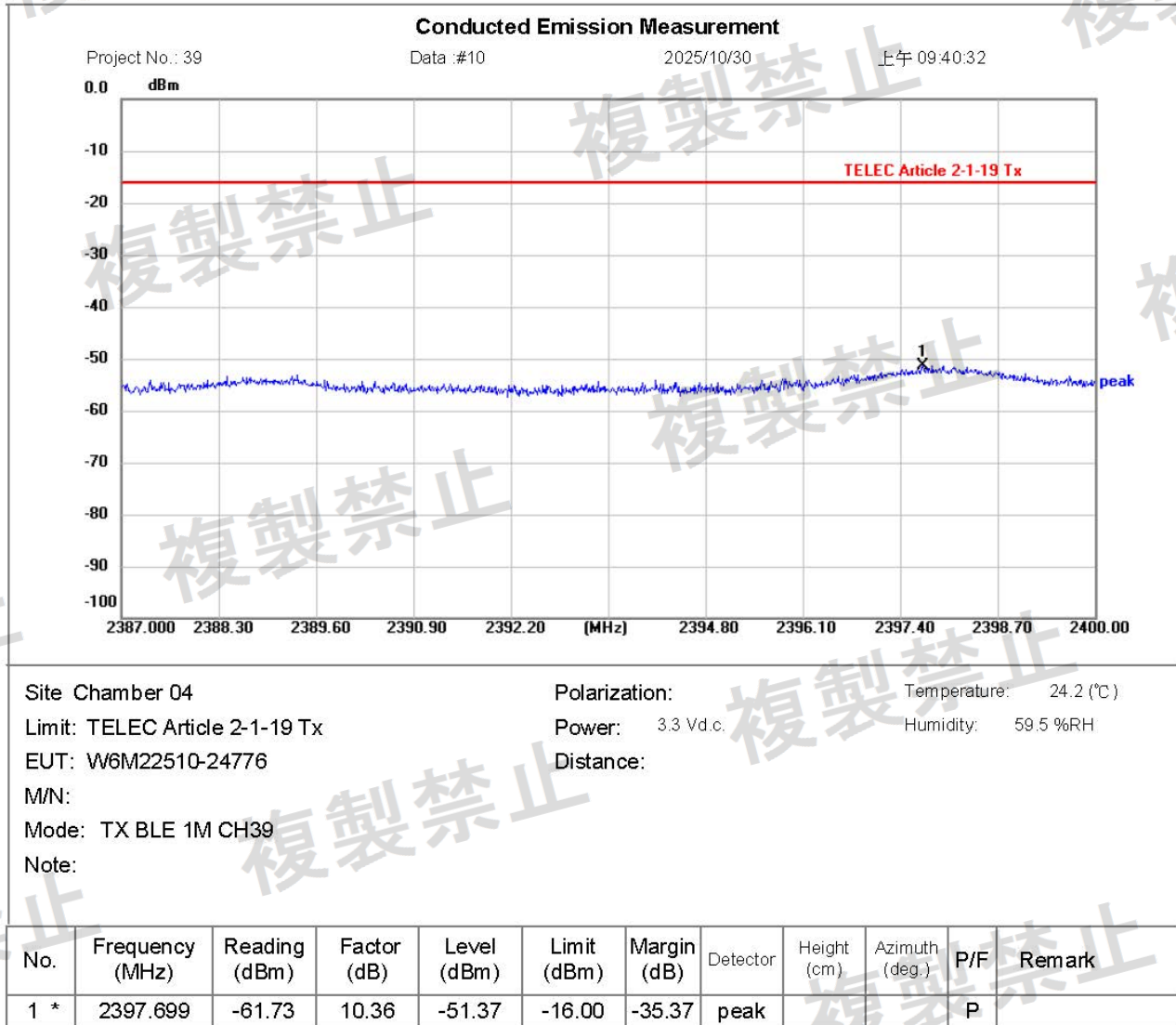


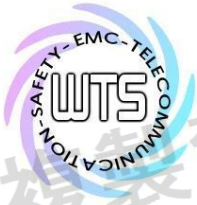
Worldwide Testing Services(Taiwan) Co., Ltd.



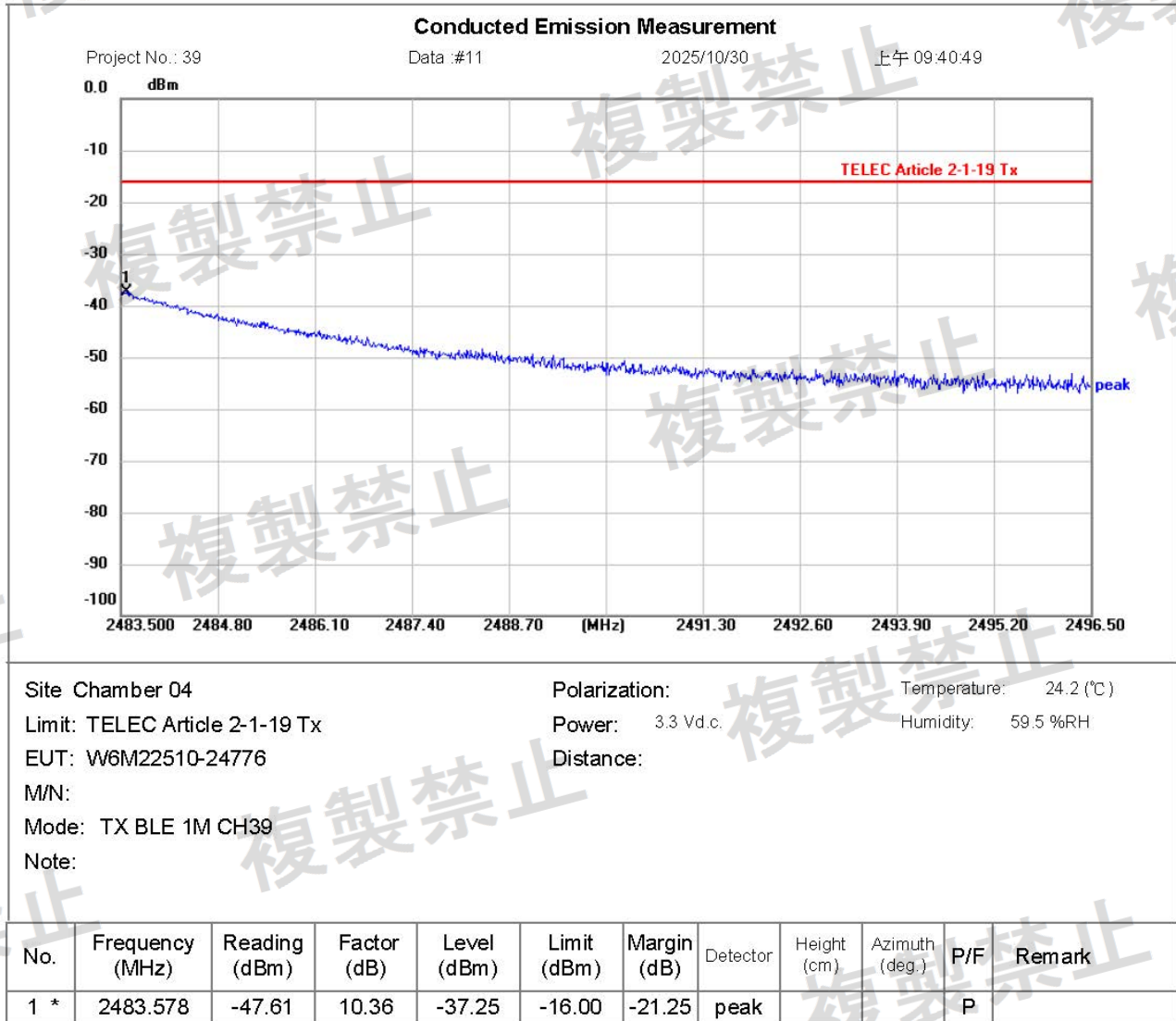


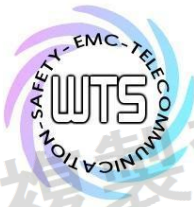
Worldwide Testing Services(Taiwan) Co., Ltd.



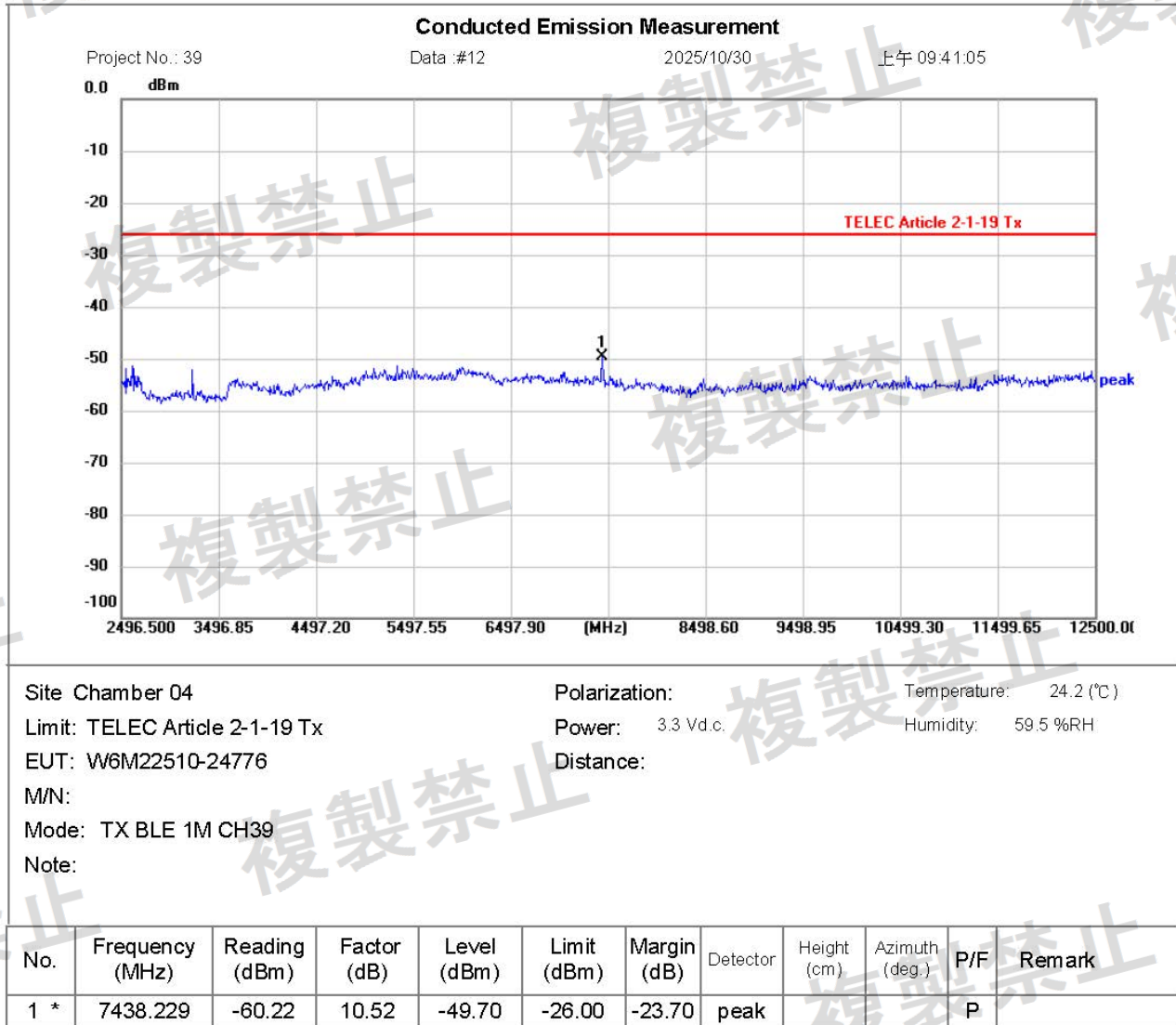


Worldwide Testing Services(Taiwan) Co., Ltd.





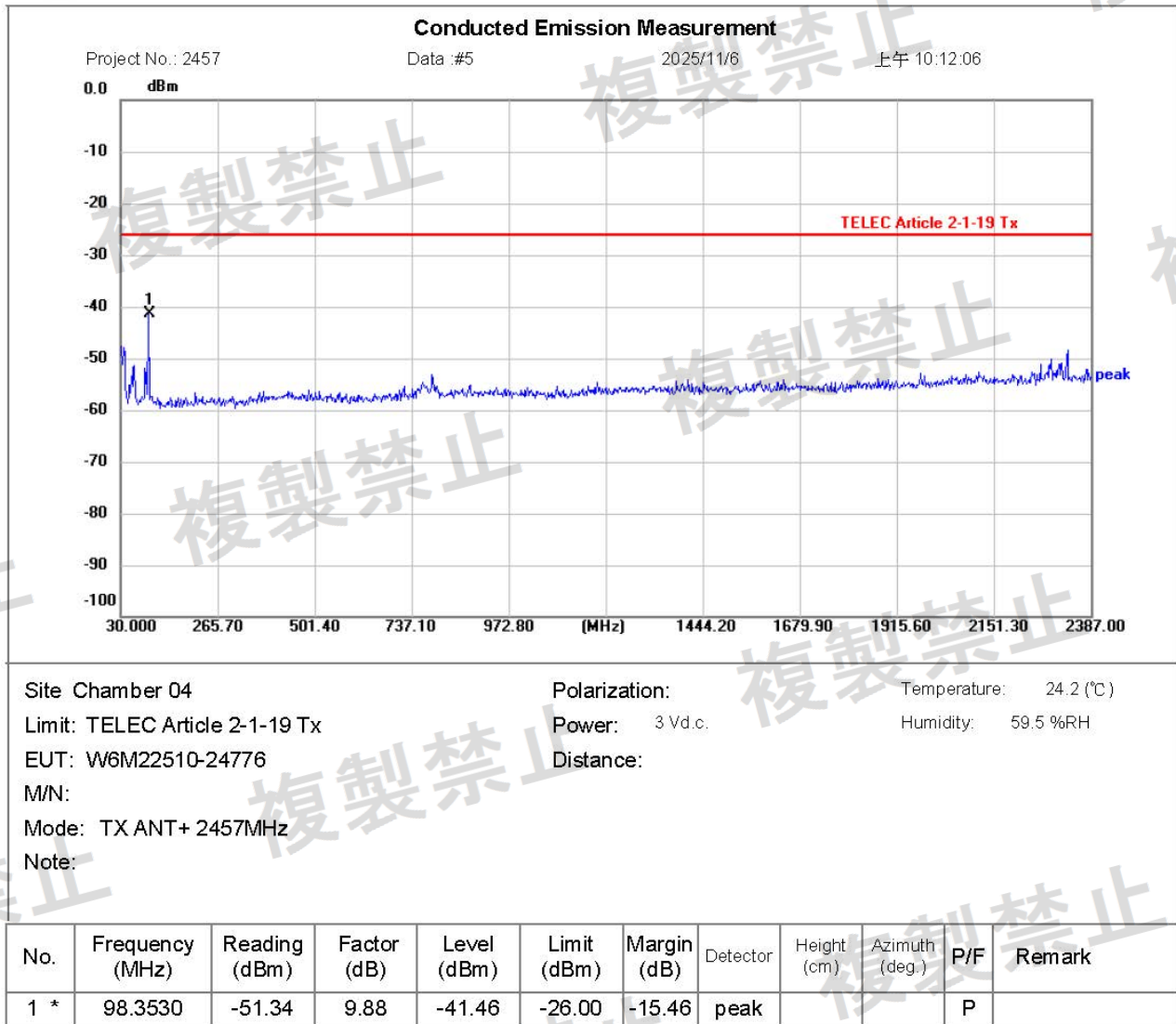
Worldwide Testing Services(Taiwan) Co., Ltd.





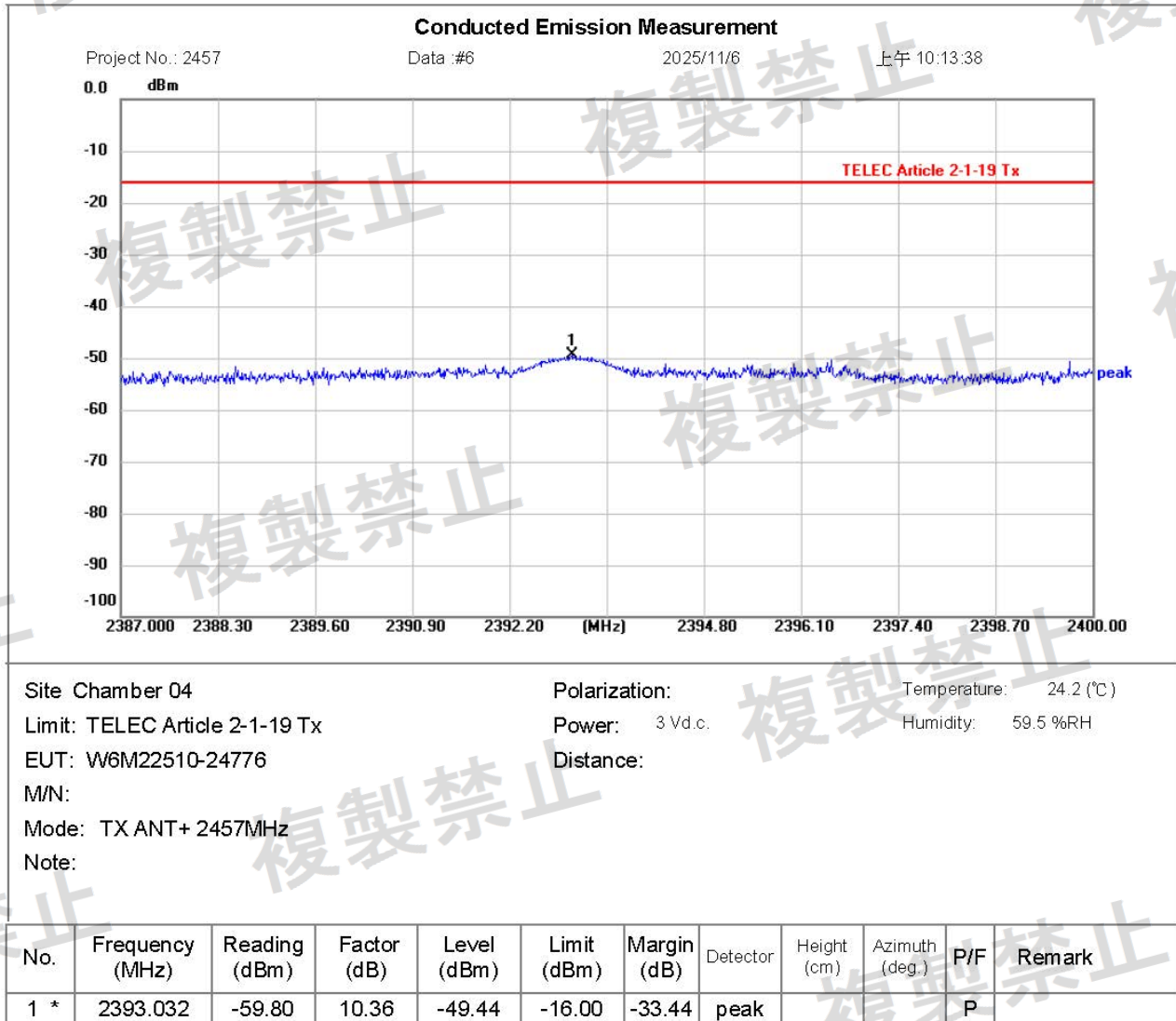
Worldwide Testing Services(Taiwan) Co., Ltd.

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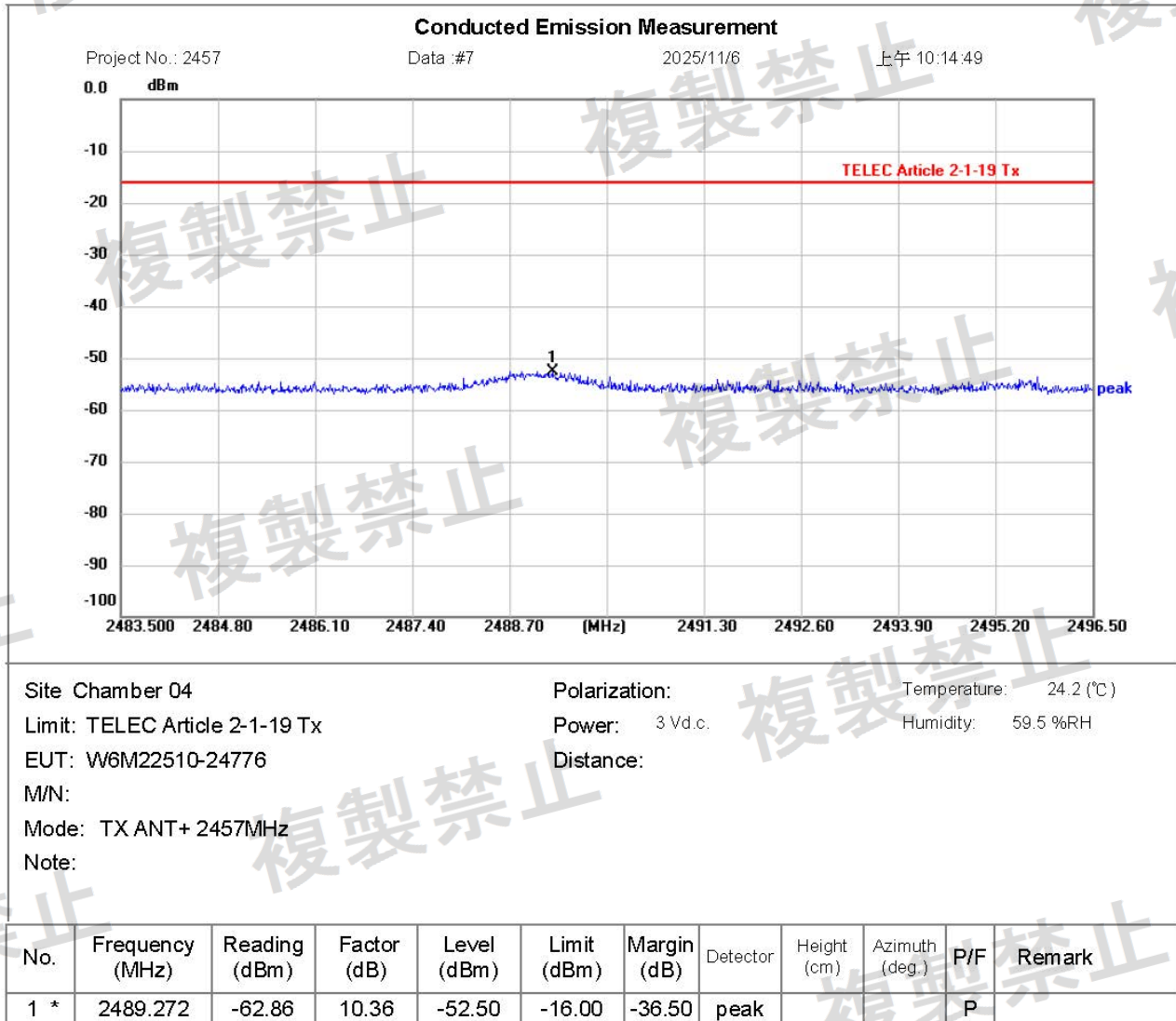


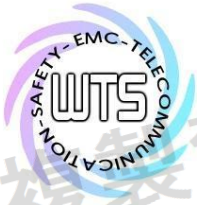
Worldwide Testing Services(Taiwan) Co., Ltd.



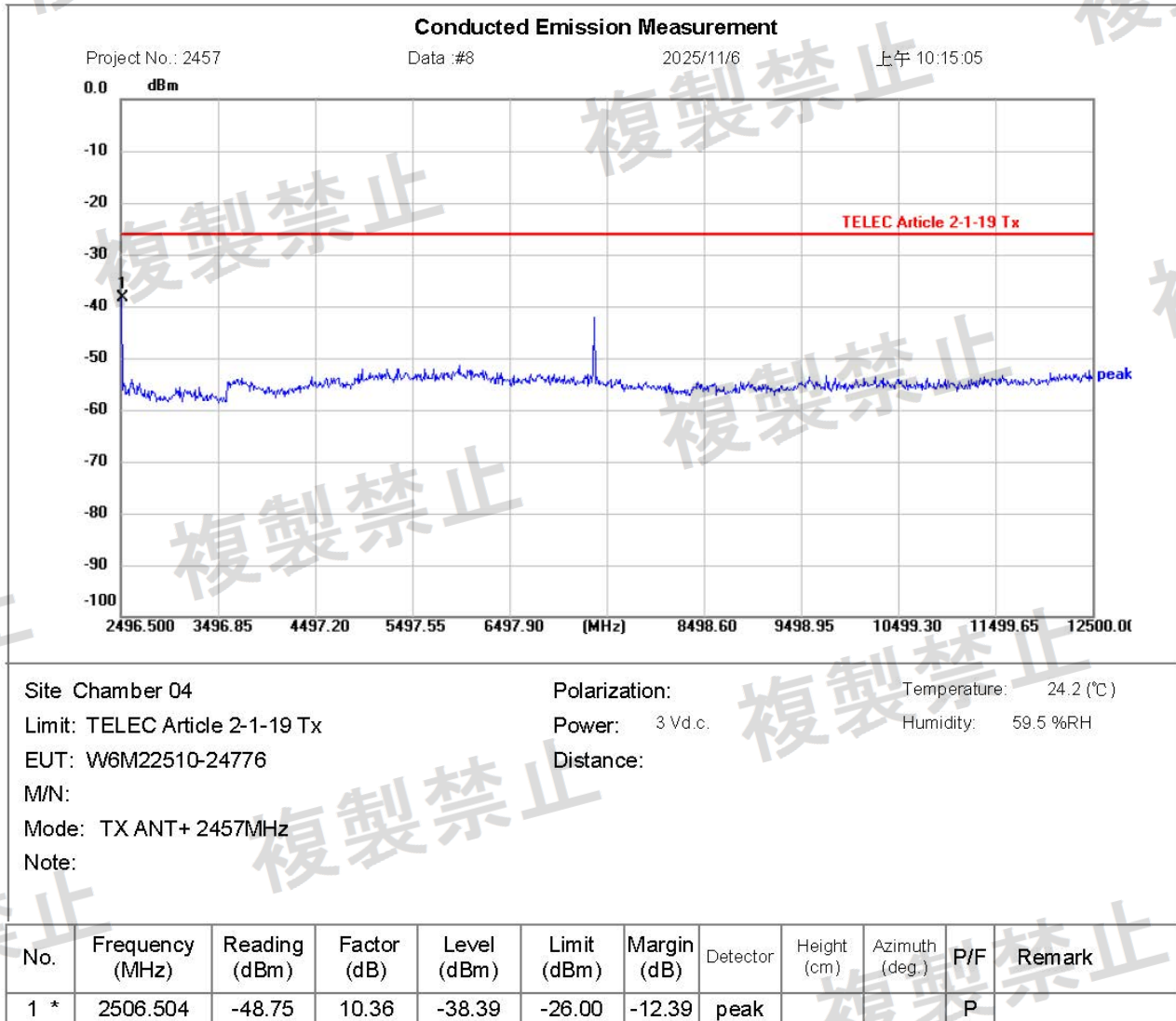


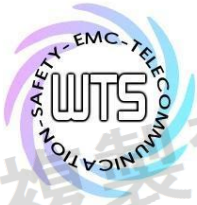
Worldwide Testing Services(Taiwan) Co., Ltd.



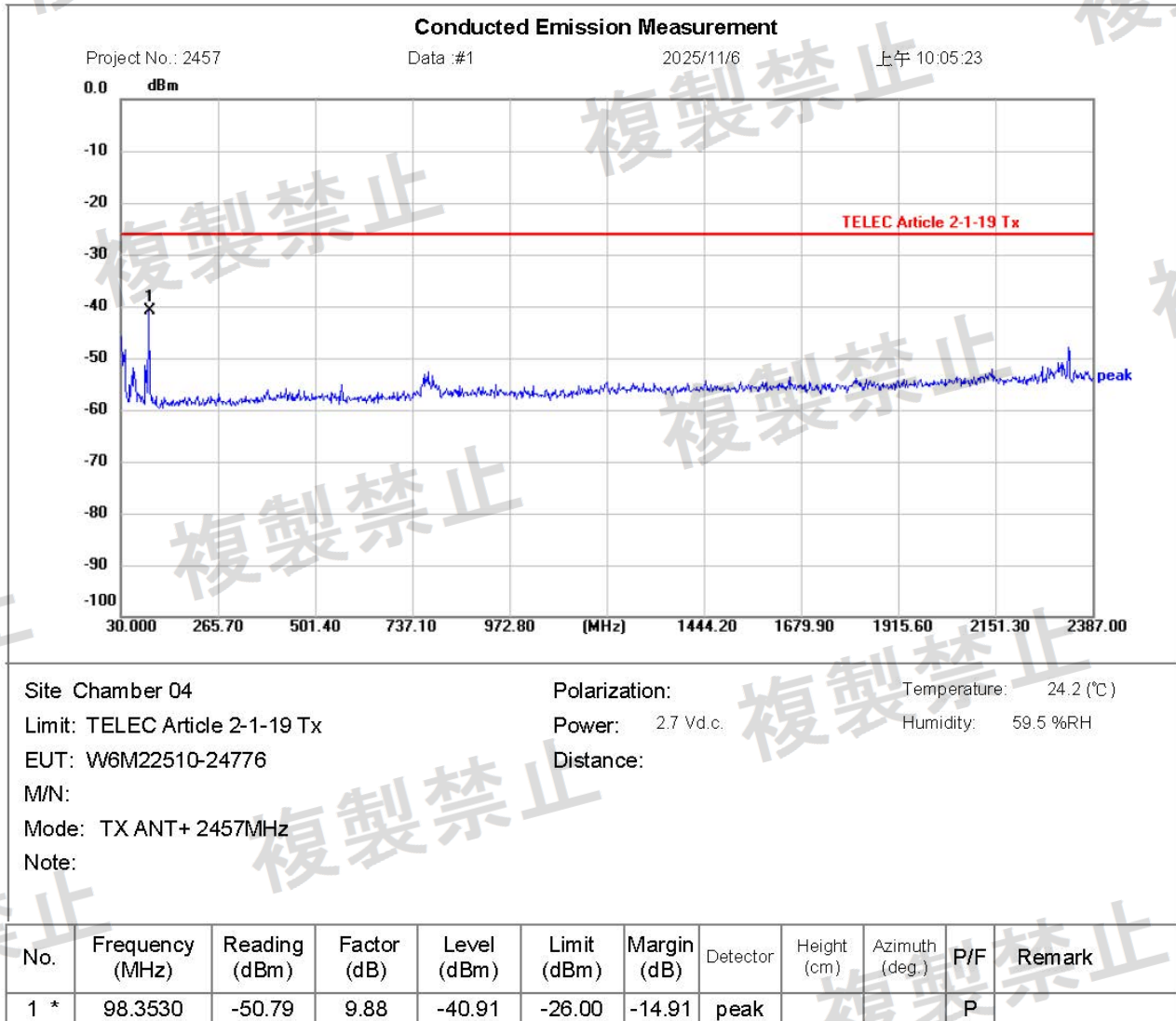


Worldwide Testing Services(Taiwan) Co., Ltd.



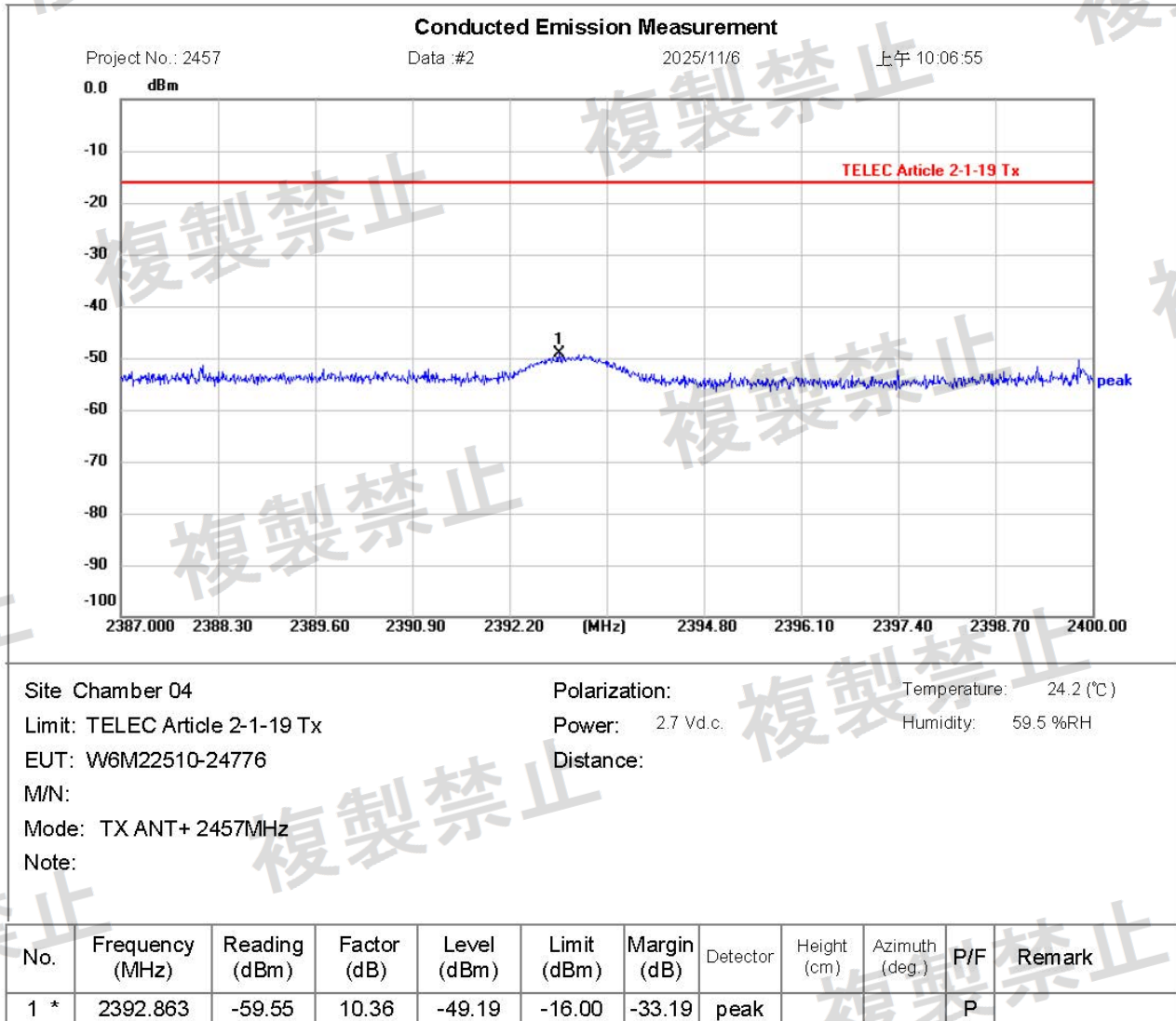


Worldwide Testing Services(Taiwan) Co., Ltd.



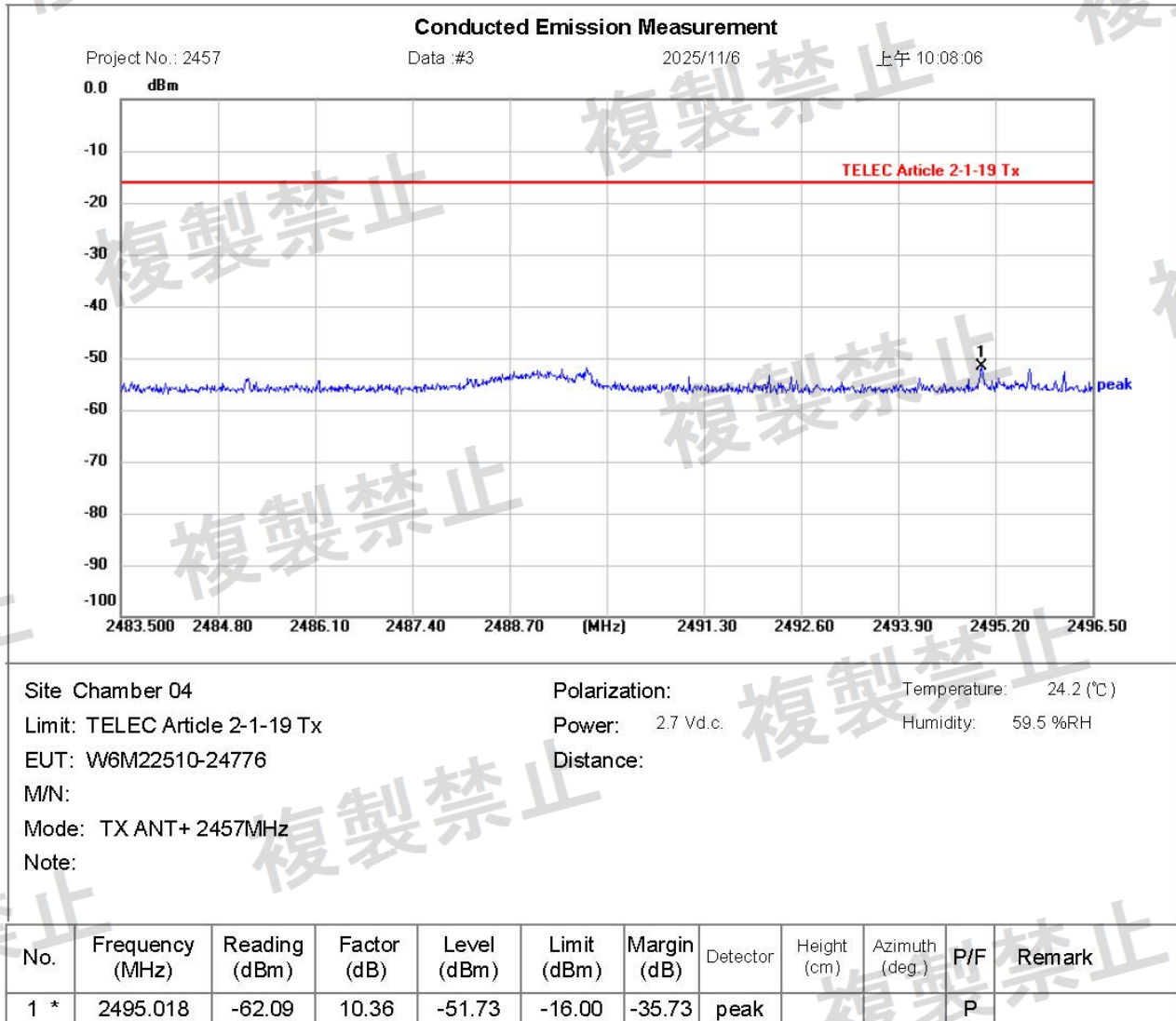


Worldwide Testing Services(Taiwan) Co., Ltd.



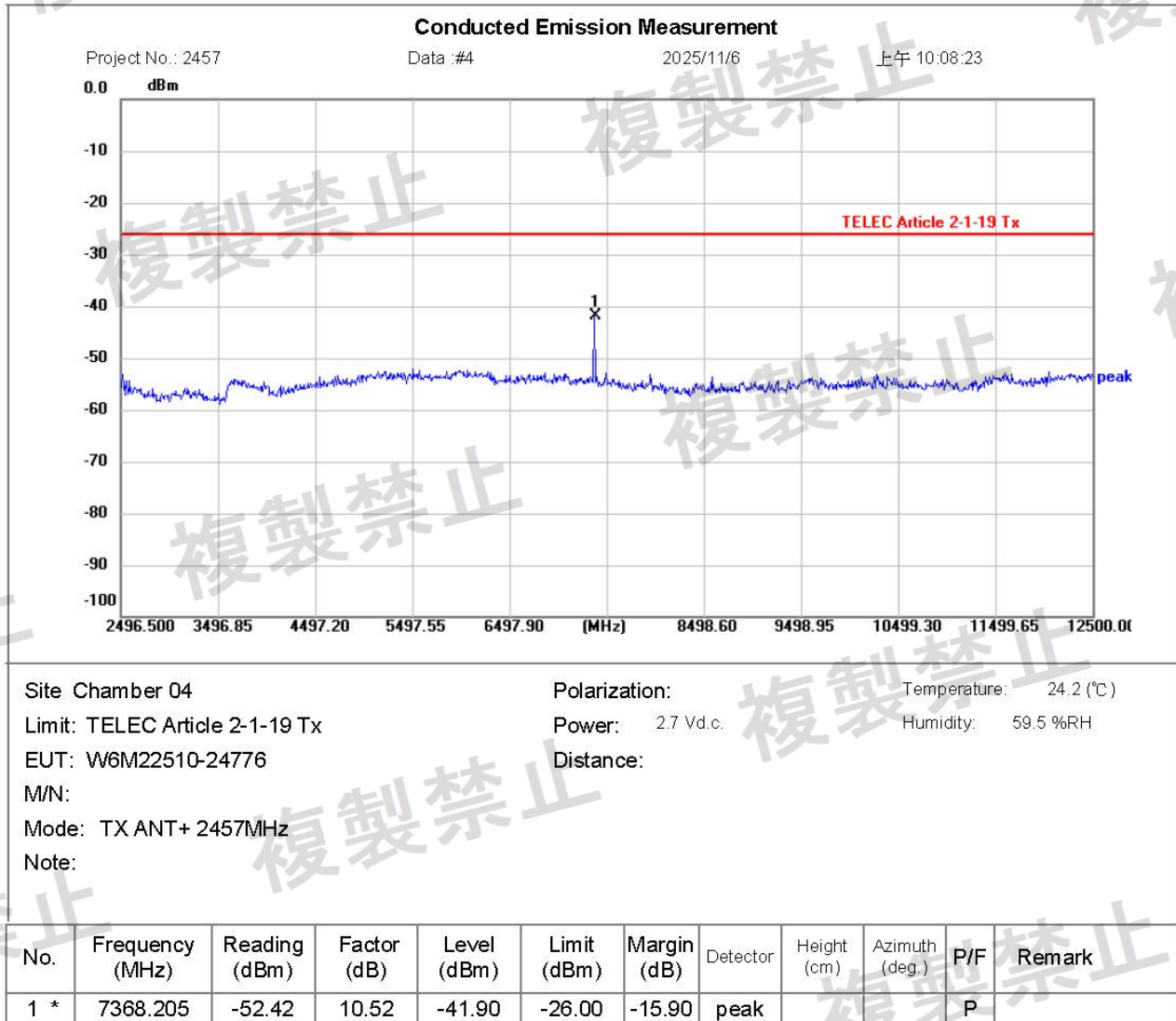


Worldwide Testing Services(Taiwan) Co., Ltd.



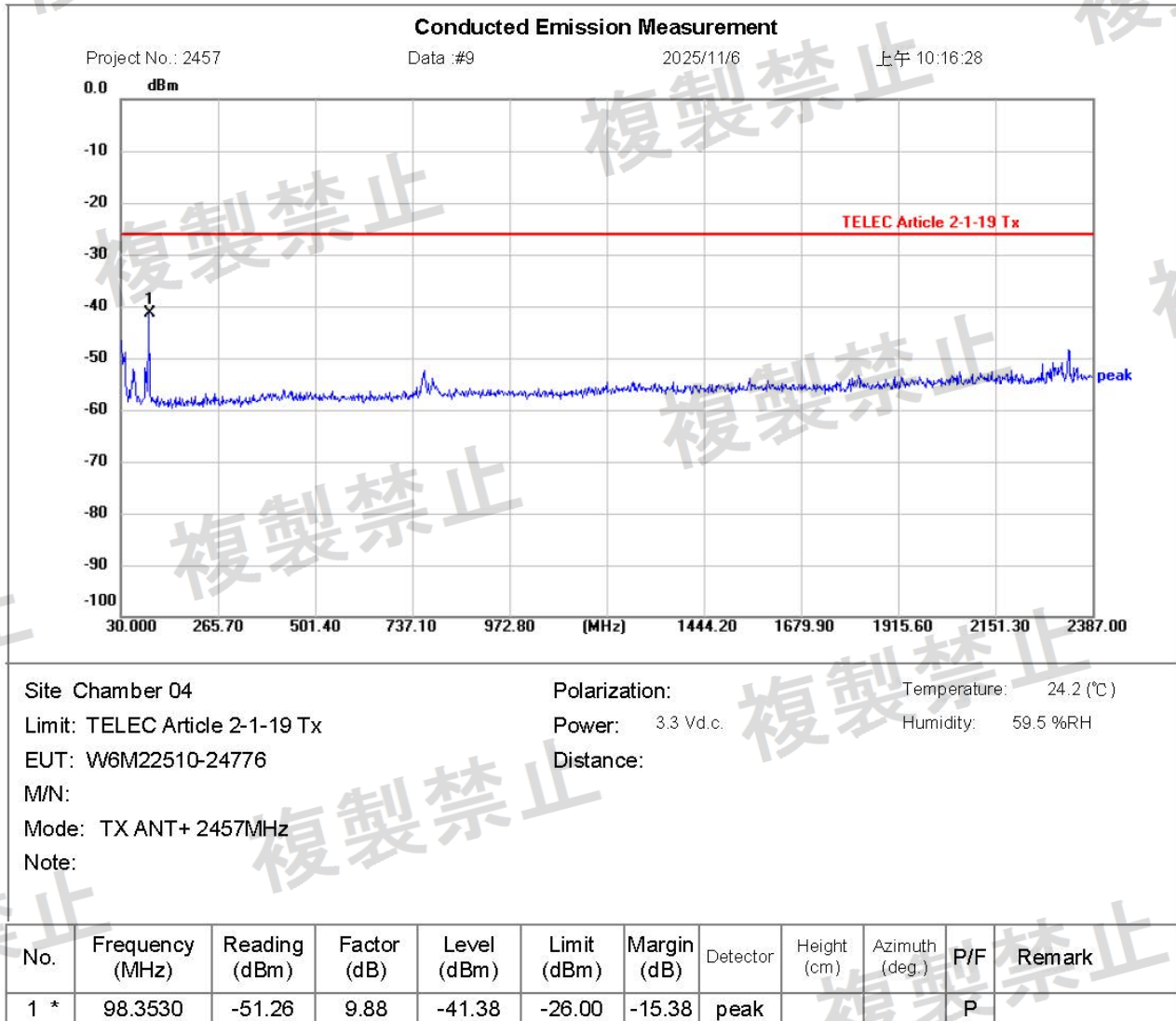


Worldwide Testing Services(Taiwan) Co., Ltd.



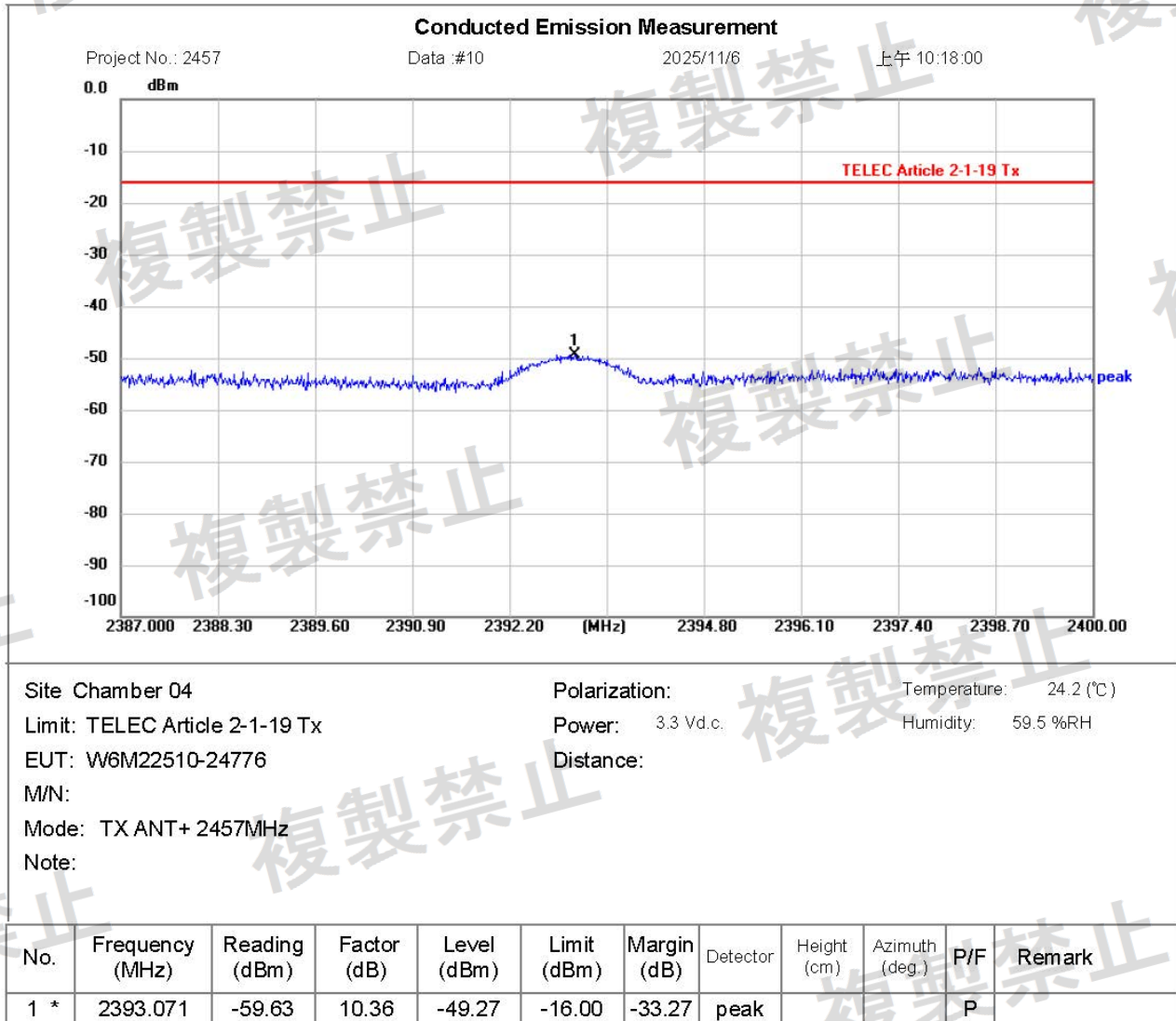


Worldwide Testing Services(Taiwan) Co., Ltd.



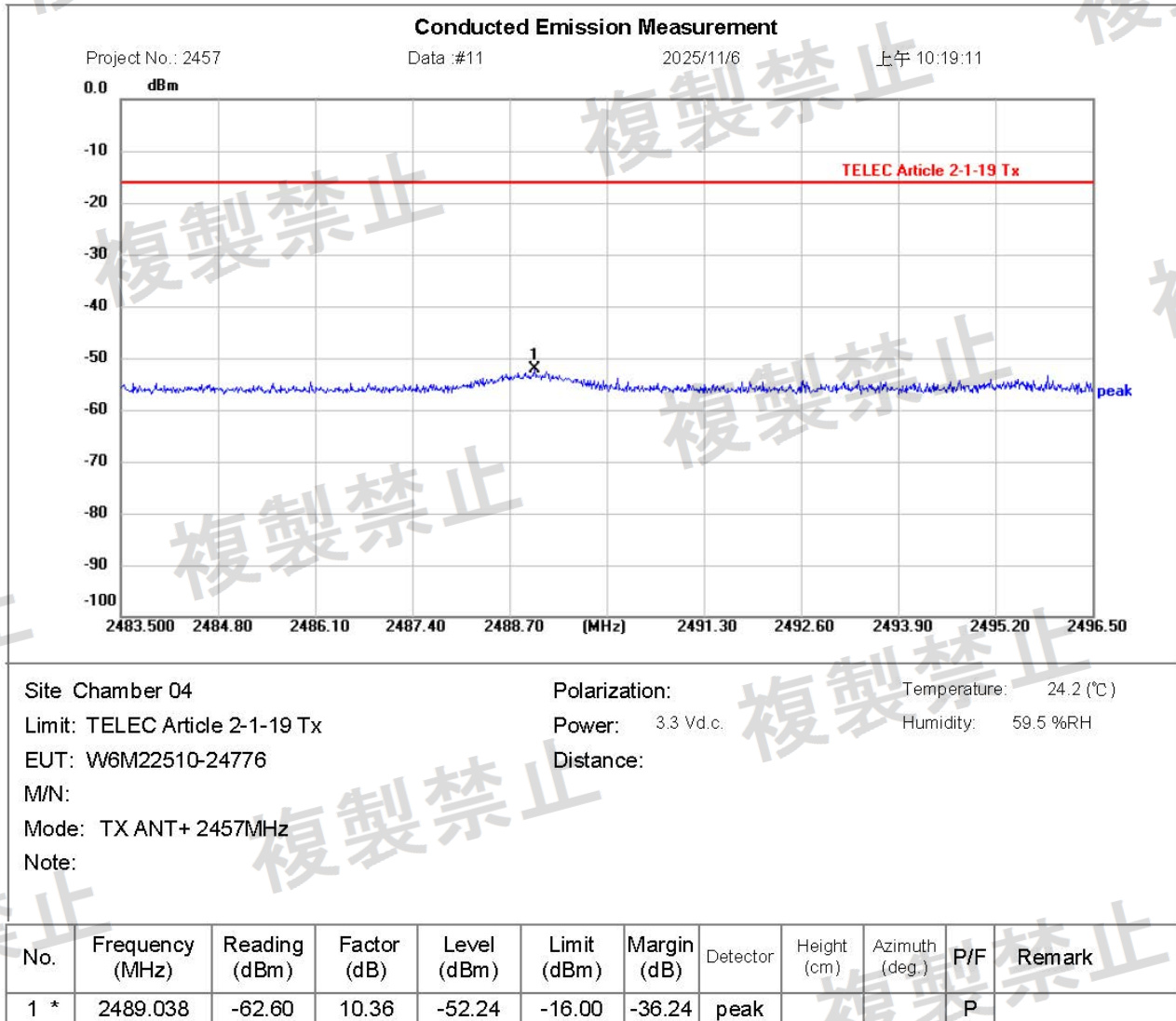


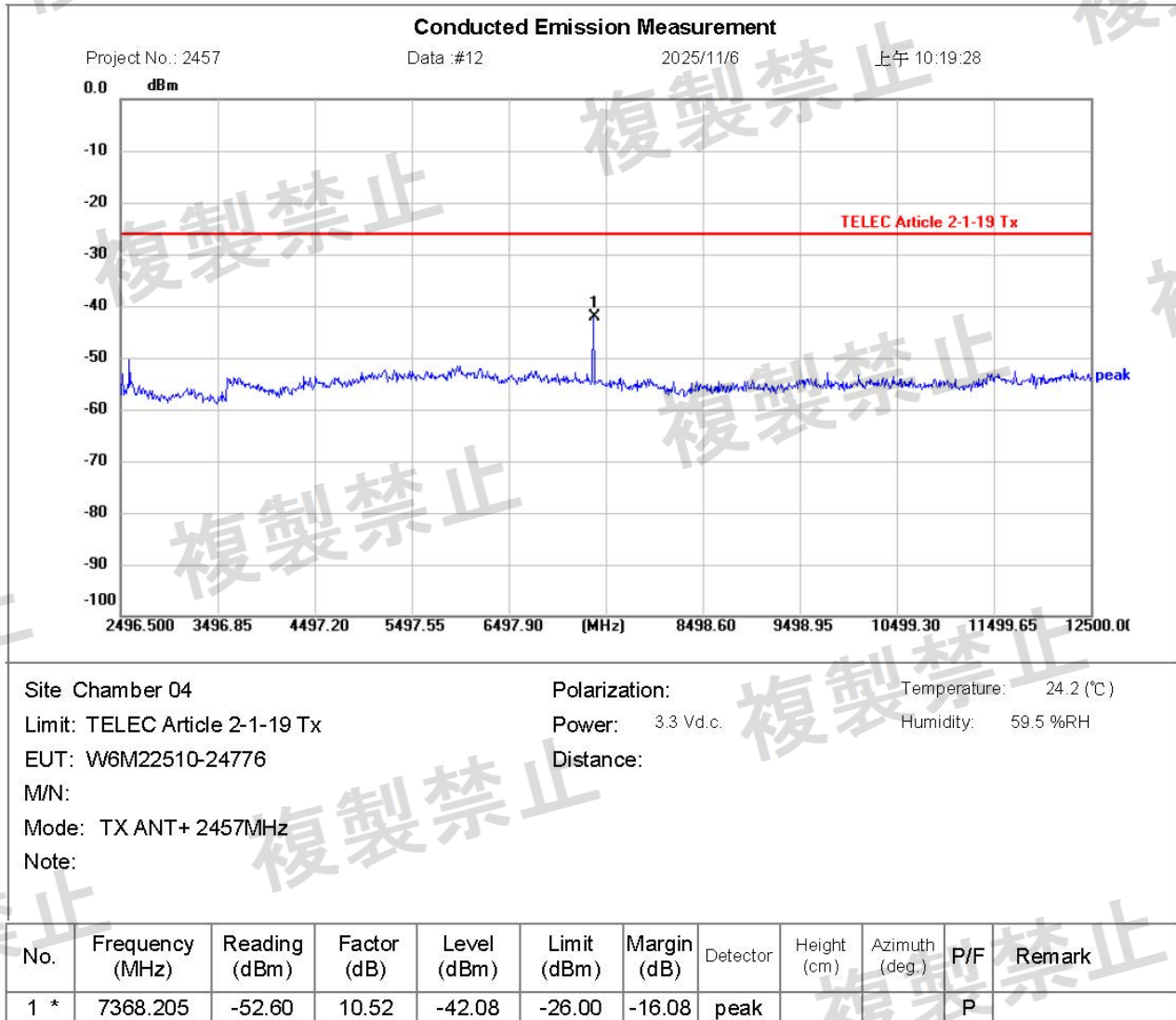
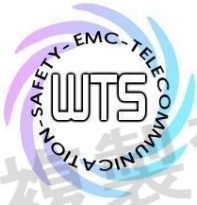
Worldwide Testing Services(Taiwan) Co., Ltd.





Worldwide Testing Services(Taiwan) Co., Ltd.

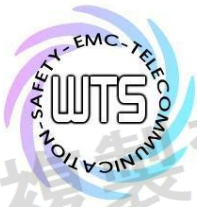




Explanation: ./.

Limits:

Transmitting operating	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
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Worldwide Testing Services(Taiwan) Co., Ltd.

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

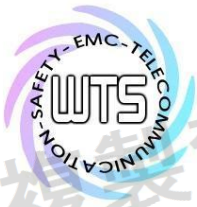
1. The measurement use RBW = 1 MHz, VBW = 1 MHz
2. The unit is dBm/MHz for the Reading, the Result, and the Limit.
3. Correction Factor = Attenuator + Cable loss
4. The formula of measured value as: Test Result = Reading + Correction Factor
5. Line: PK Limit Line.

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.



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3.5 Antenna Power

Test date: November 06, 2025

Temperature: 23.9 °C

Humidity: 55.5 %

Tester: Ken

Mode	Frequency	Power (mW)			Limit (mW)
		Vmin	Vnor	Vmax	
BLE 1M	2402 MHz	1.51	1.51	1.51	10
	2440 MHz	1.42	1.43	1.42	10
	2480 MHz	1.23	1.23	1.24	10
ANT+	2457 MHz	1.31	1.32	1.32	10

BLE 1M

Tolerance based on rated output power 10 mW	
1.51 mW	-84.90 %
1.23 mW	-87.70 %

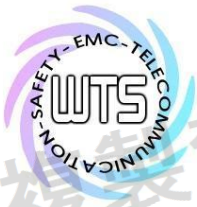
ANT+

Tolerance based on rated output power 10 mW	
1.32 mW	-86.80 %
1.31 mW	-86.90 %

Explanation: ./.

Limits:

Under all test conditions	Conducted	(1) FH, FH+DS, FH+OFDM 3mW/MHz (used in the range of 2427 - 2470.75MHz) (2) Other than (1) of OFDM & DS : 10mW/MHz (3) Other than (1) & (2) : 10mW Tolerance: +20% No lower limit
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3.6 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 10 mW to the transmitting antenna with its absolute gain being 2.14 dBi, and shall be 1 when it is lower than 1.

Test date: November 06, 2025

Temperature: 23.9 °C

Humidity: 55.5 %

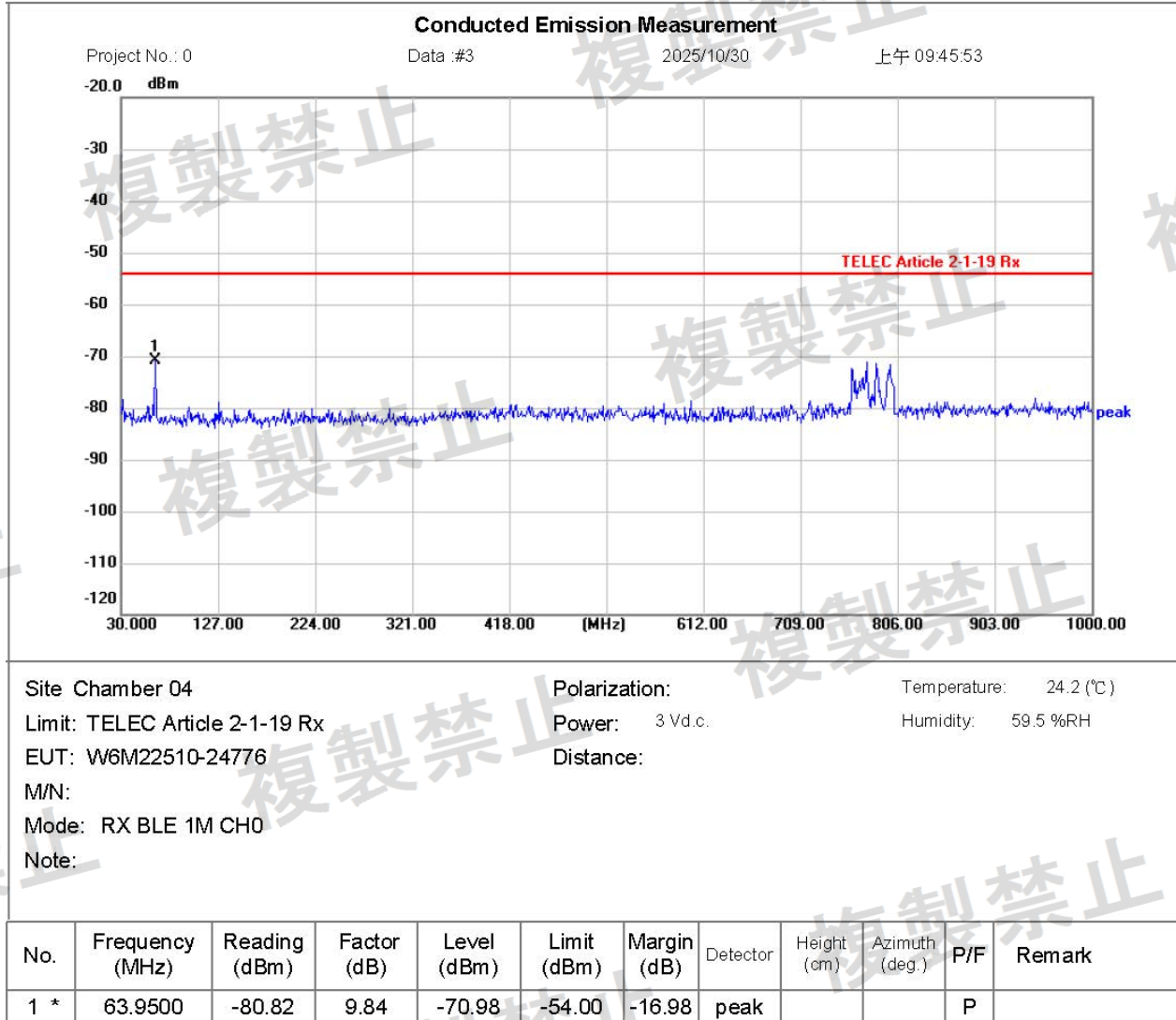
Tester: Ken

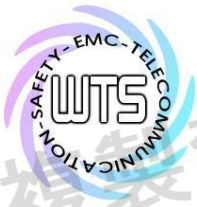
Mode	Frequency	Power (dBm)			Antenna gain (dBi)	EIRP (dBm)	Limit (dBm)
		Vmin	Vnor	Vmax			
BLE 1M	2402 MHz	1.789	1.783	1.79	0	1.79	12.14
	2440 MHz	1.533	1.54	1.534	0	1.54	12.14
	2480 MHz	0.889	0.909	0.919	0	0.919	12.14
ANT+	2457 MHz	1.183	1.198	1.196	0	1.198	12.14



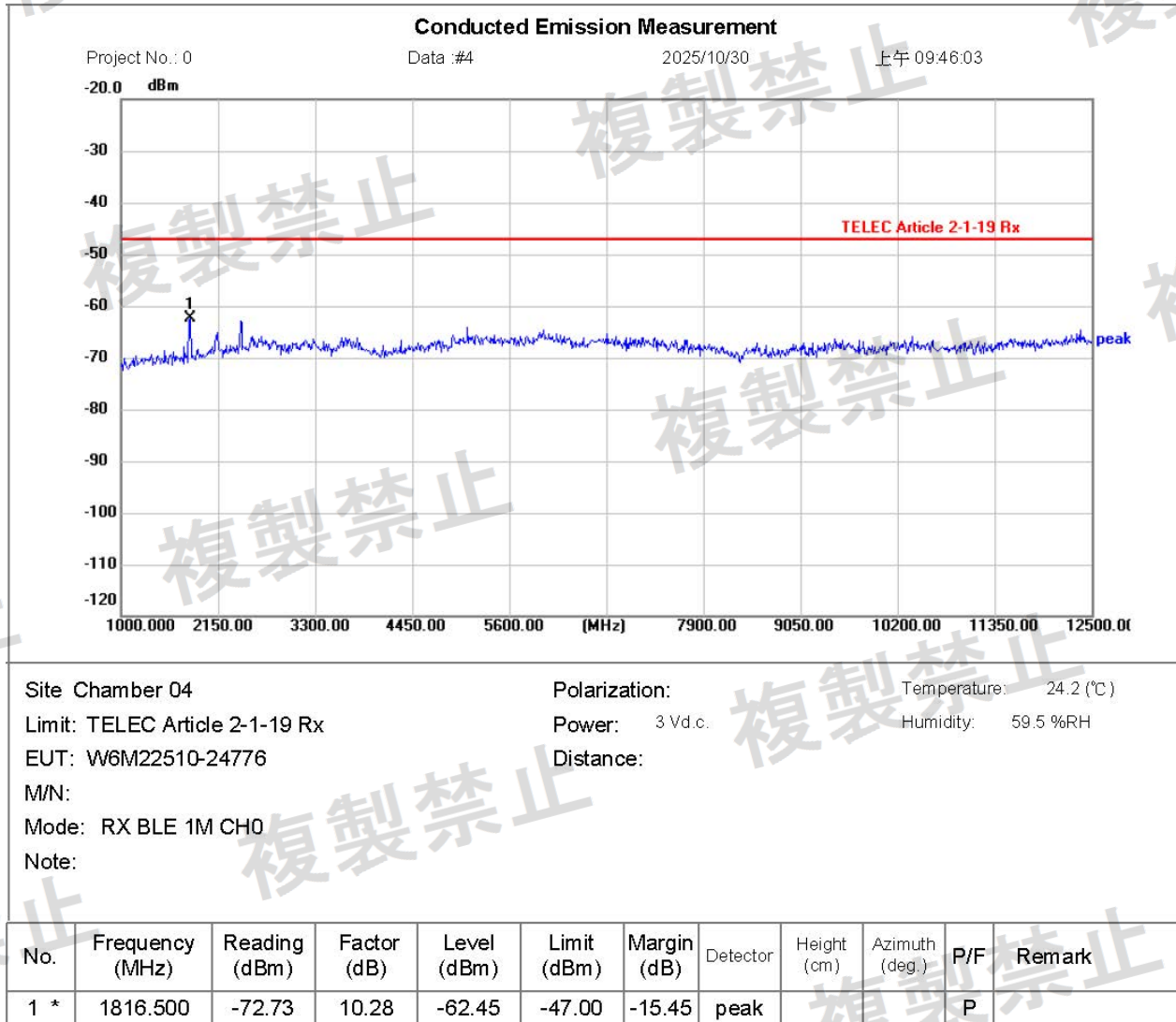
3.7 Spurious emission receiver

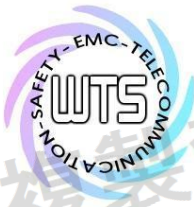
BLE 1M



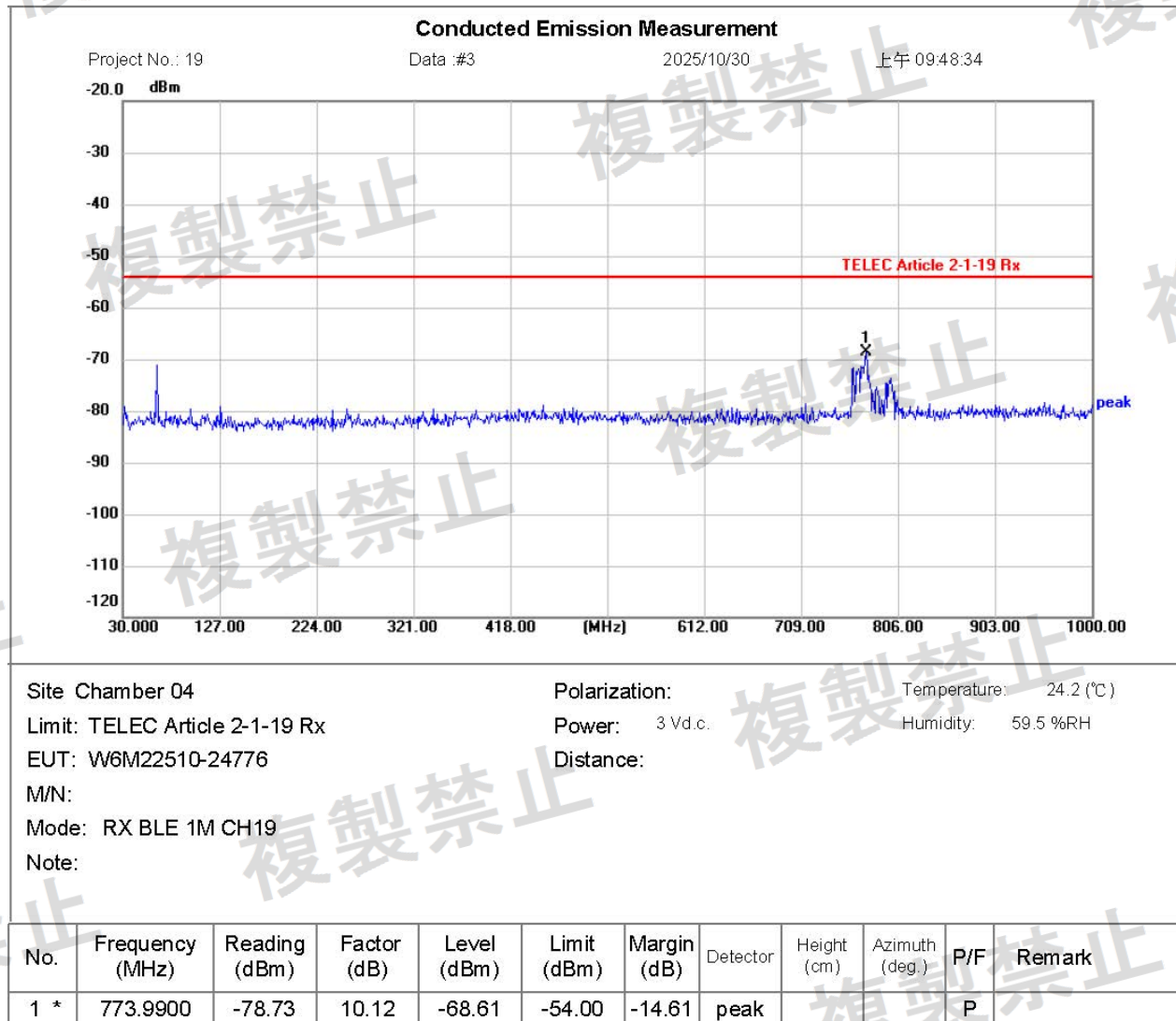


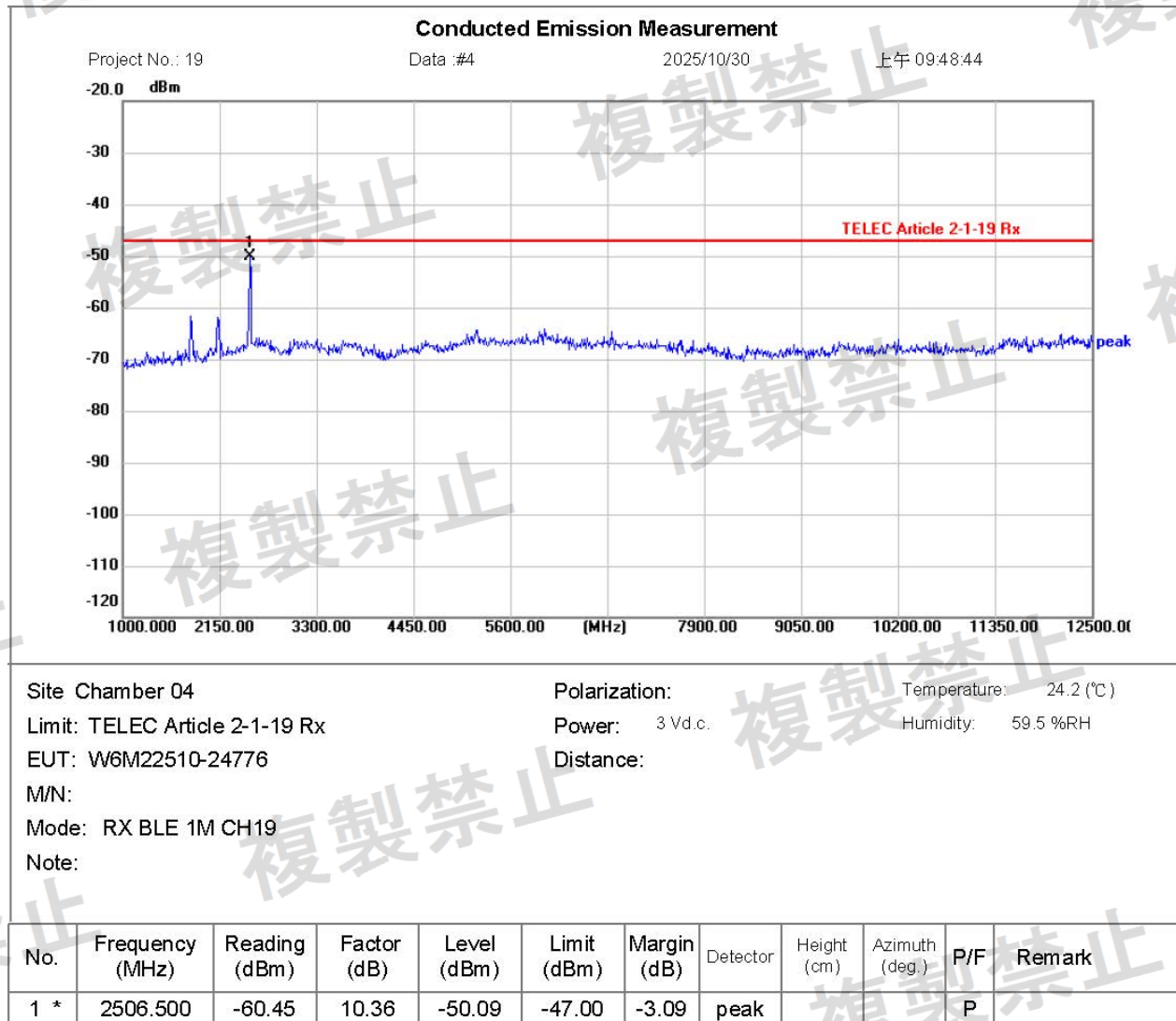
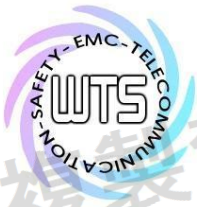
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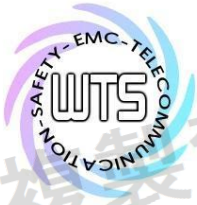




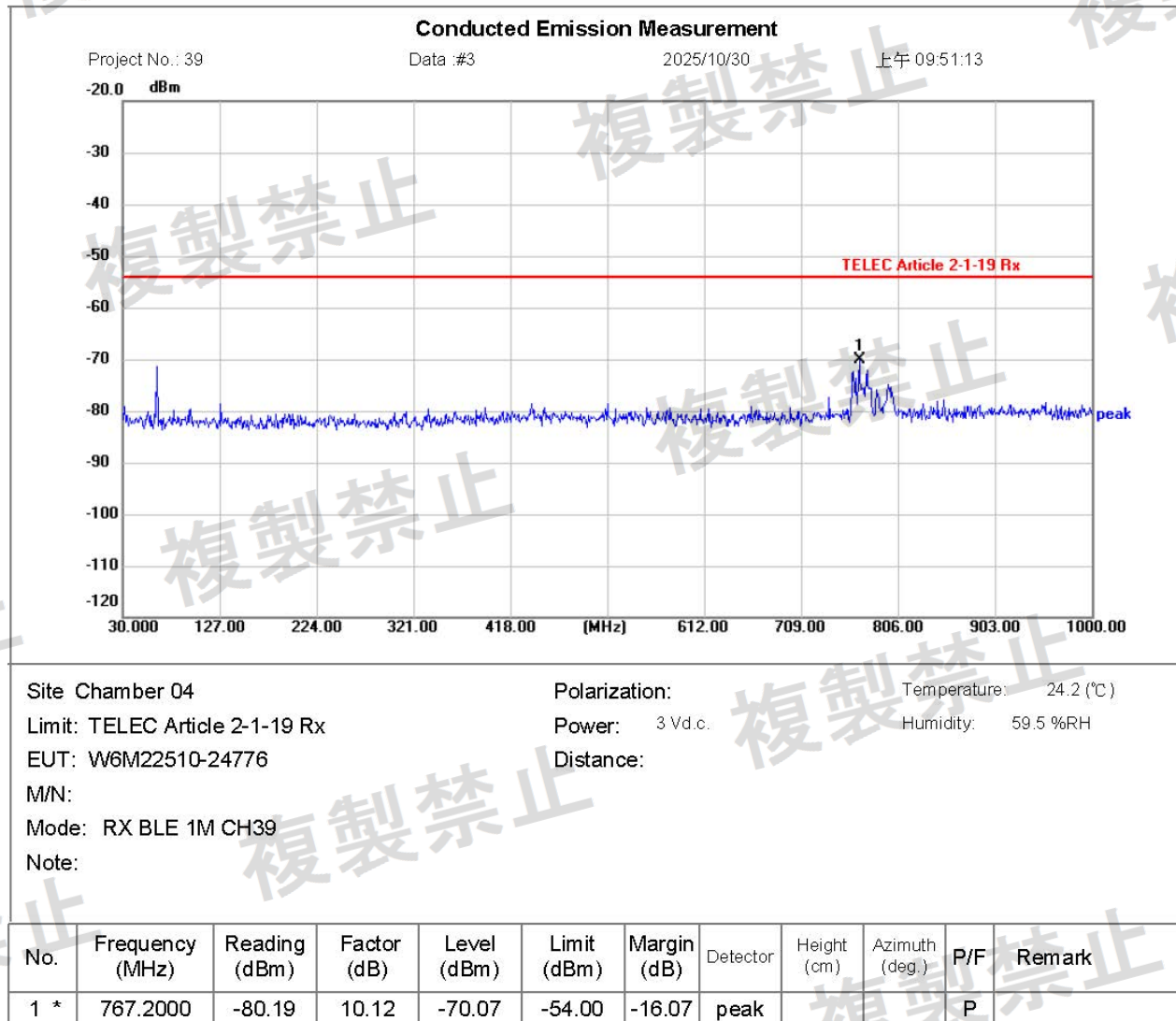
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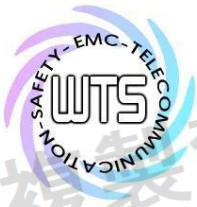




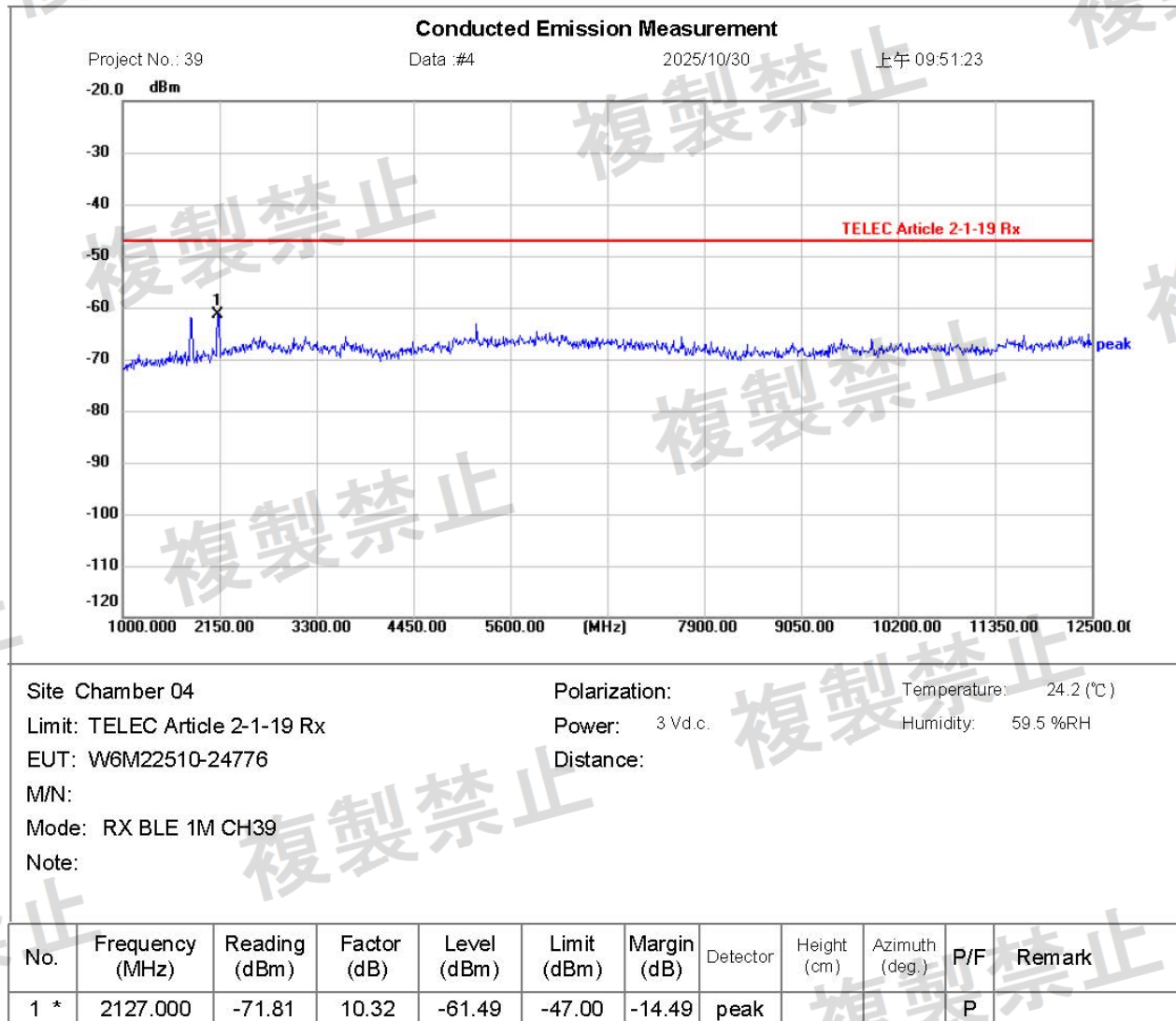


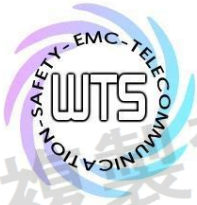
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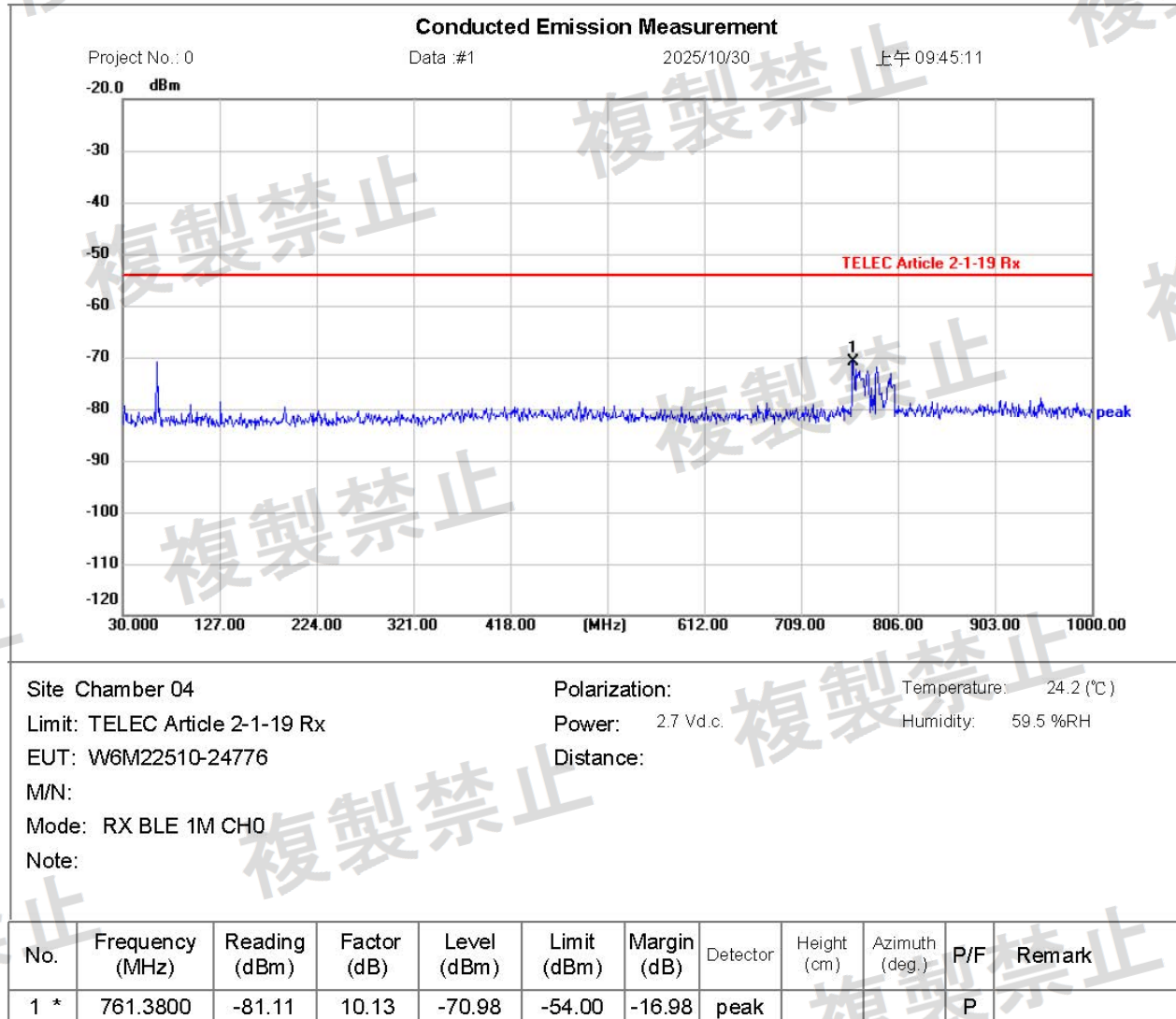


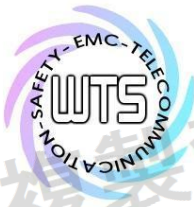
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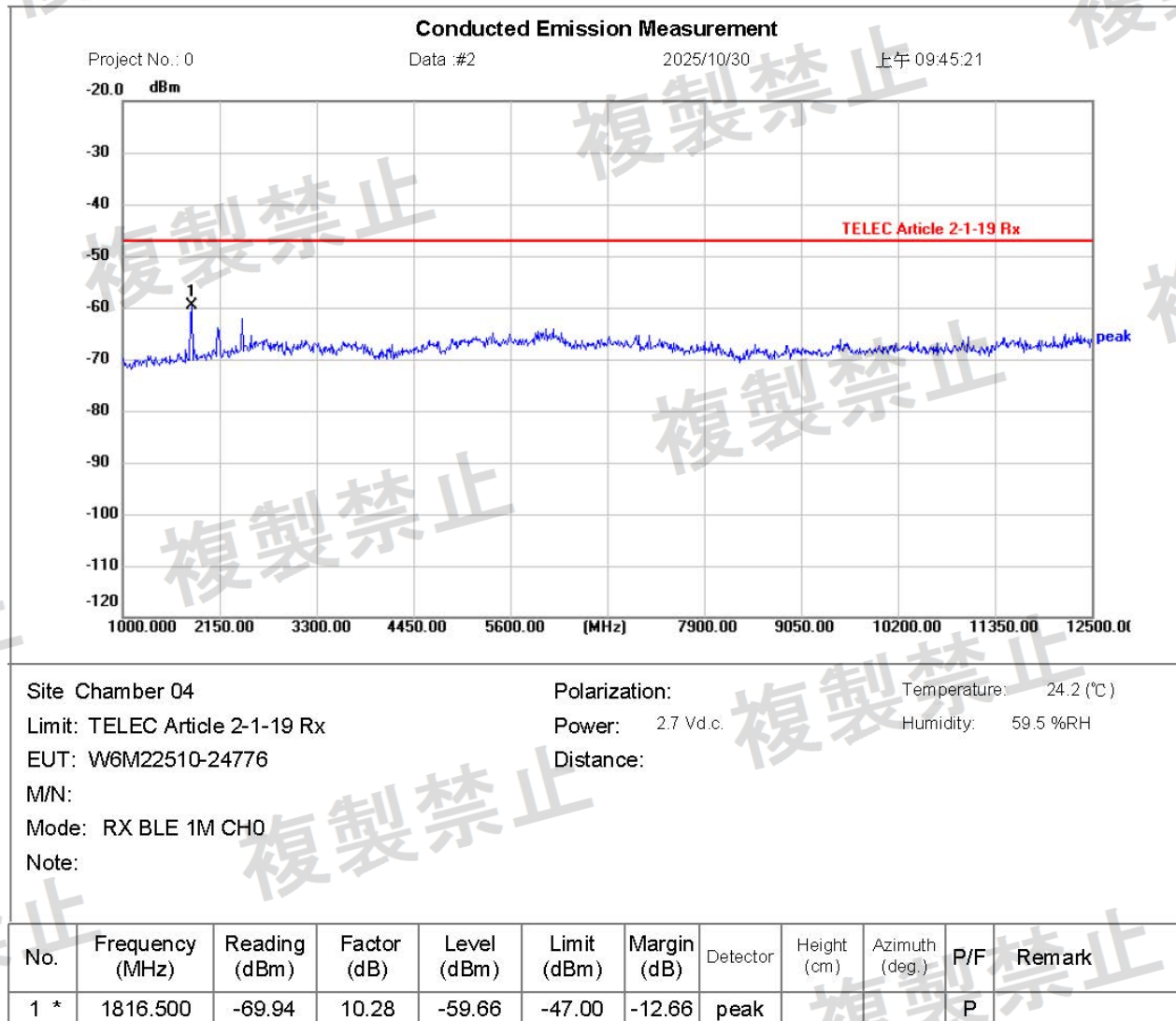


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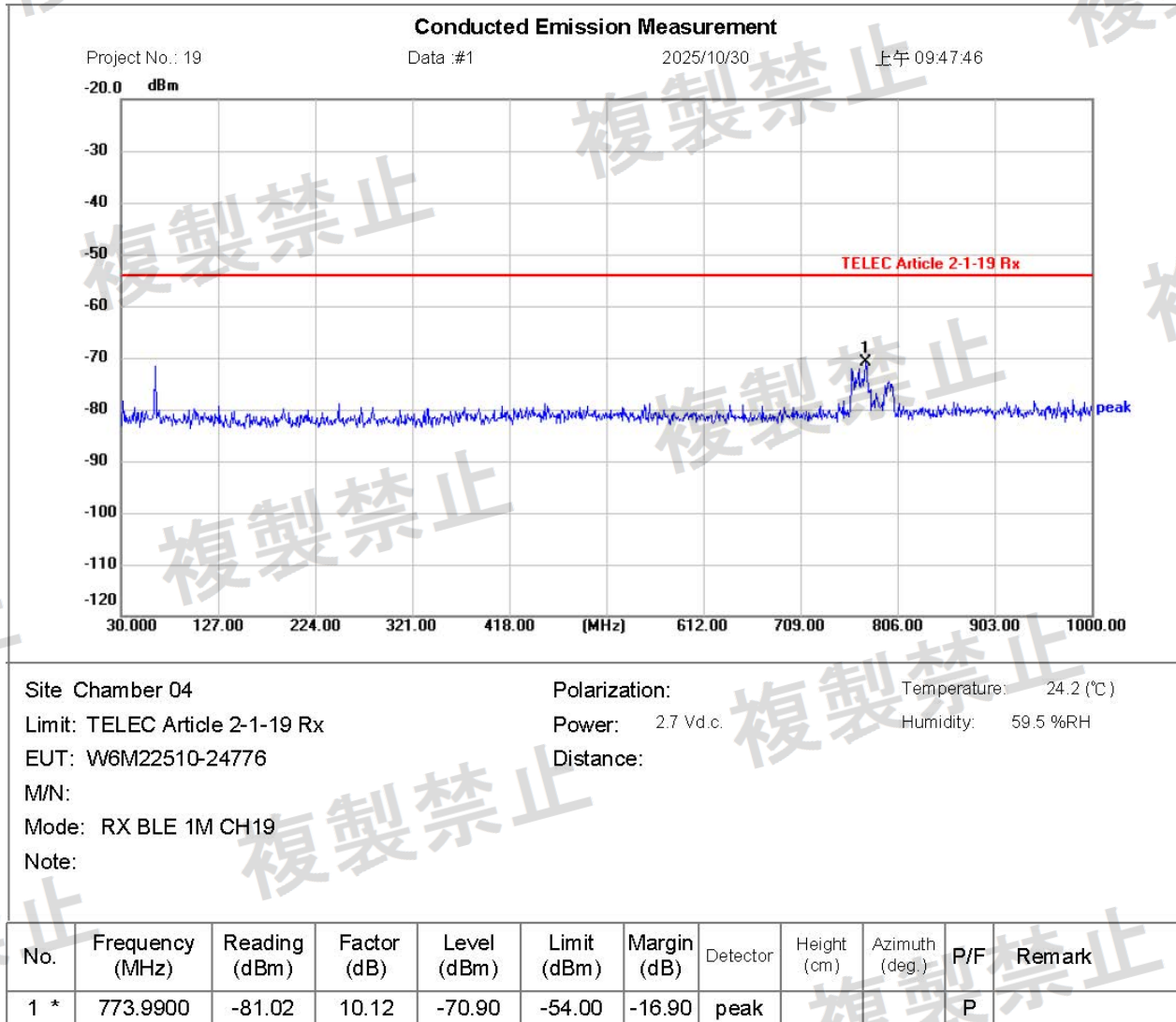


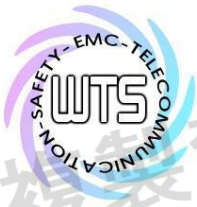
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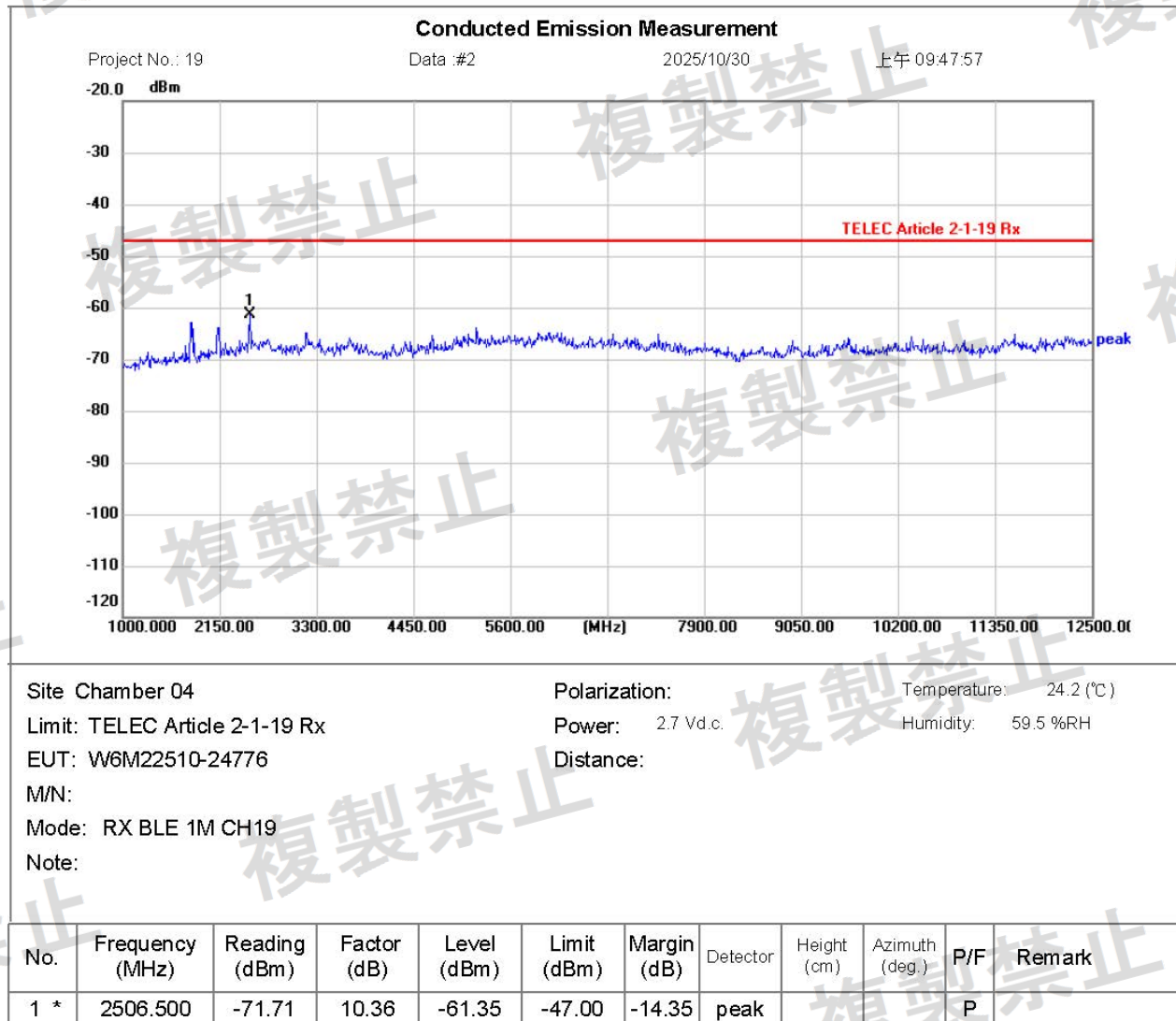


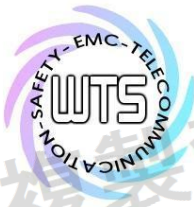
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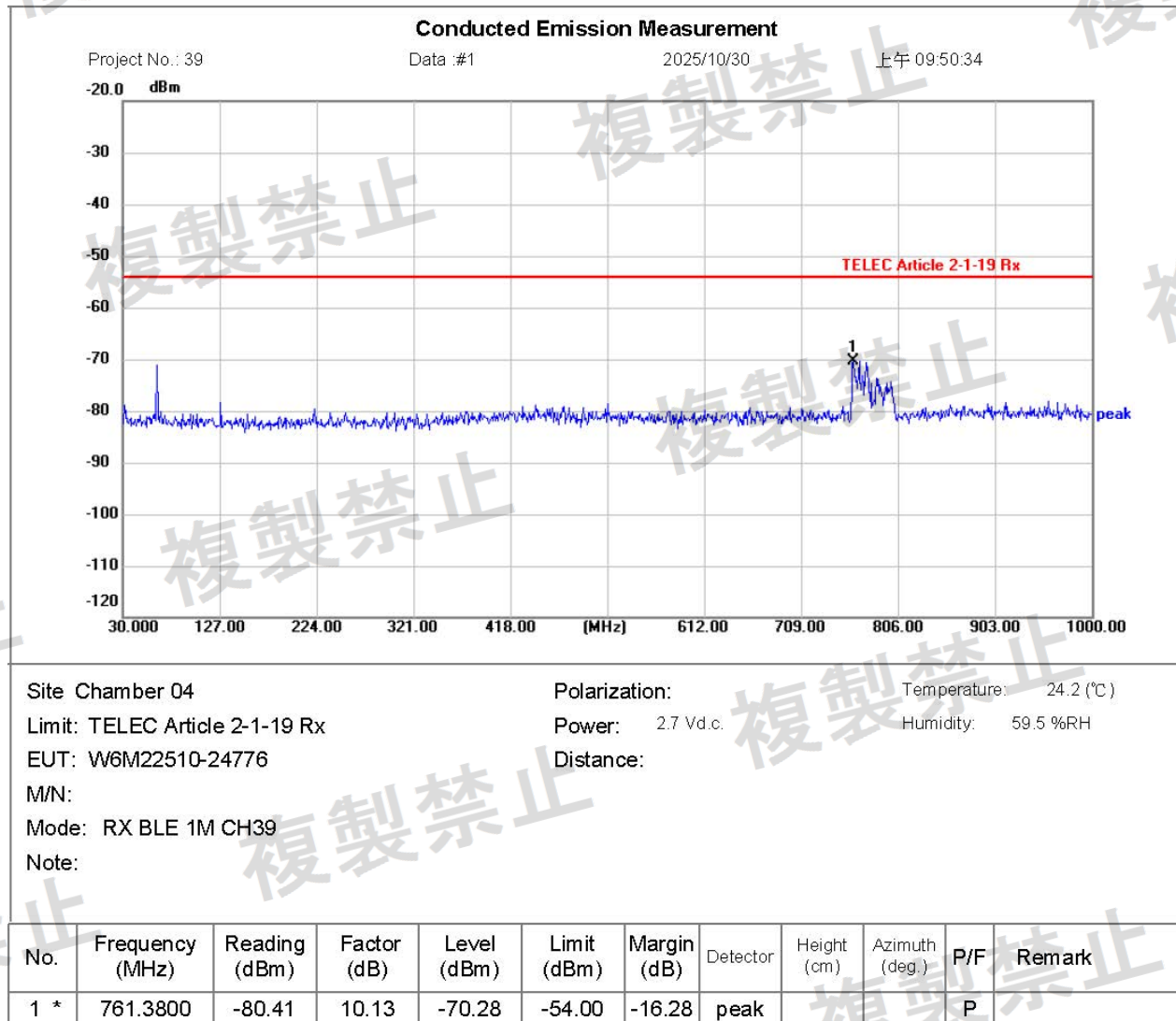


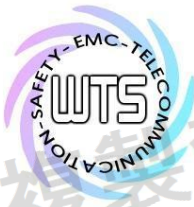
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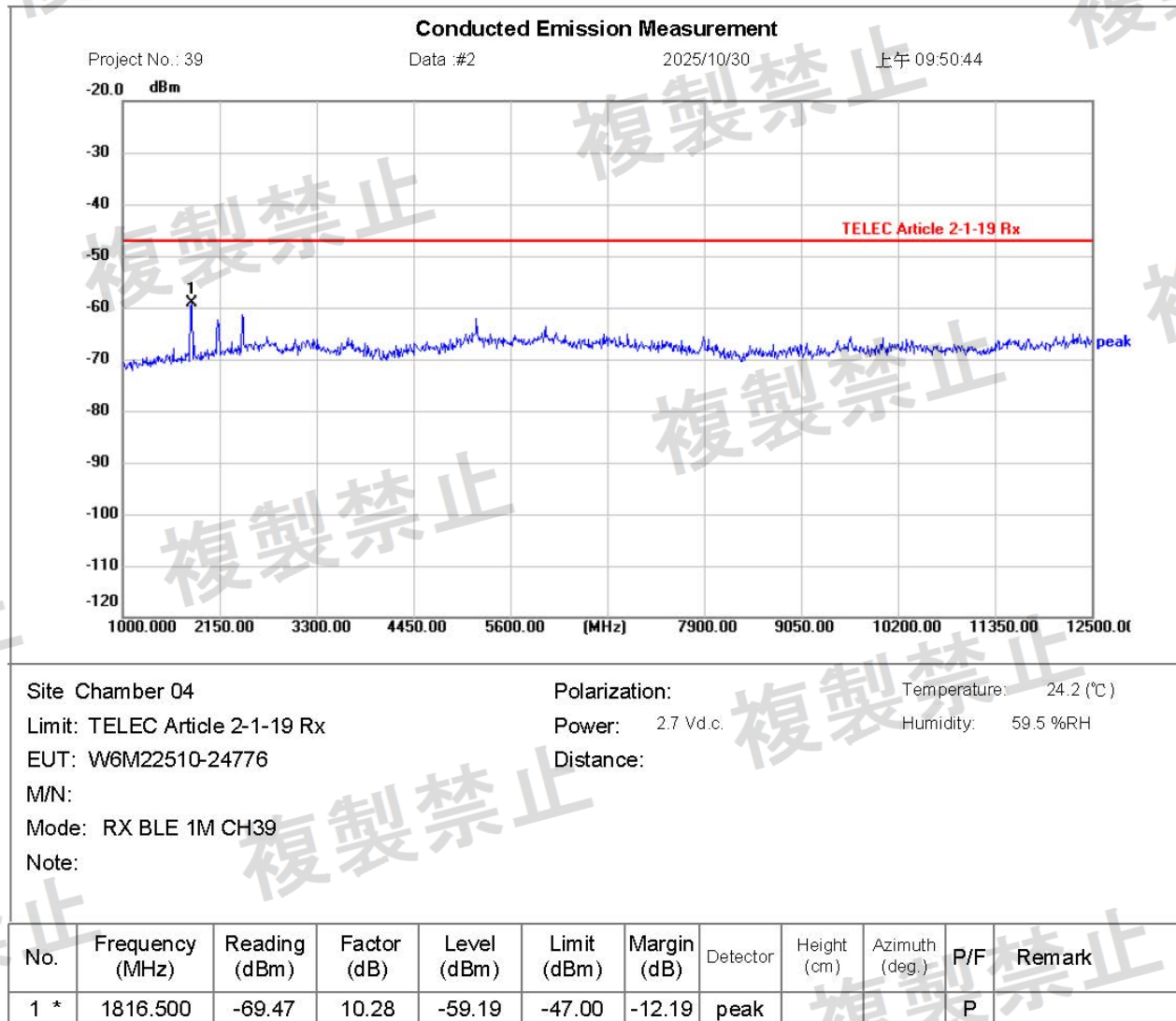


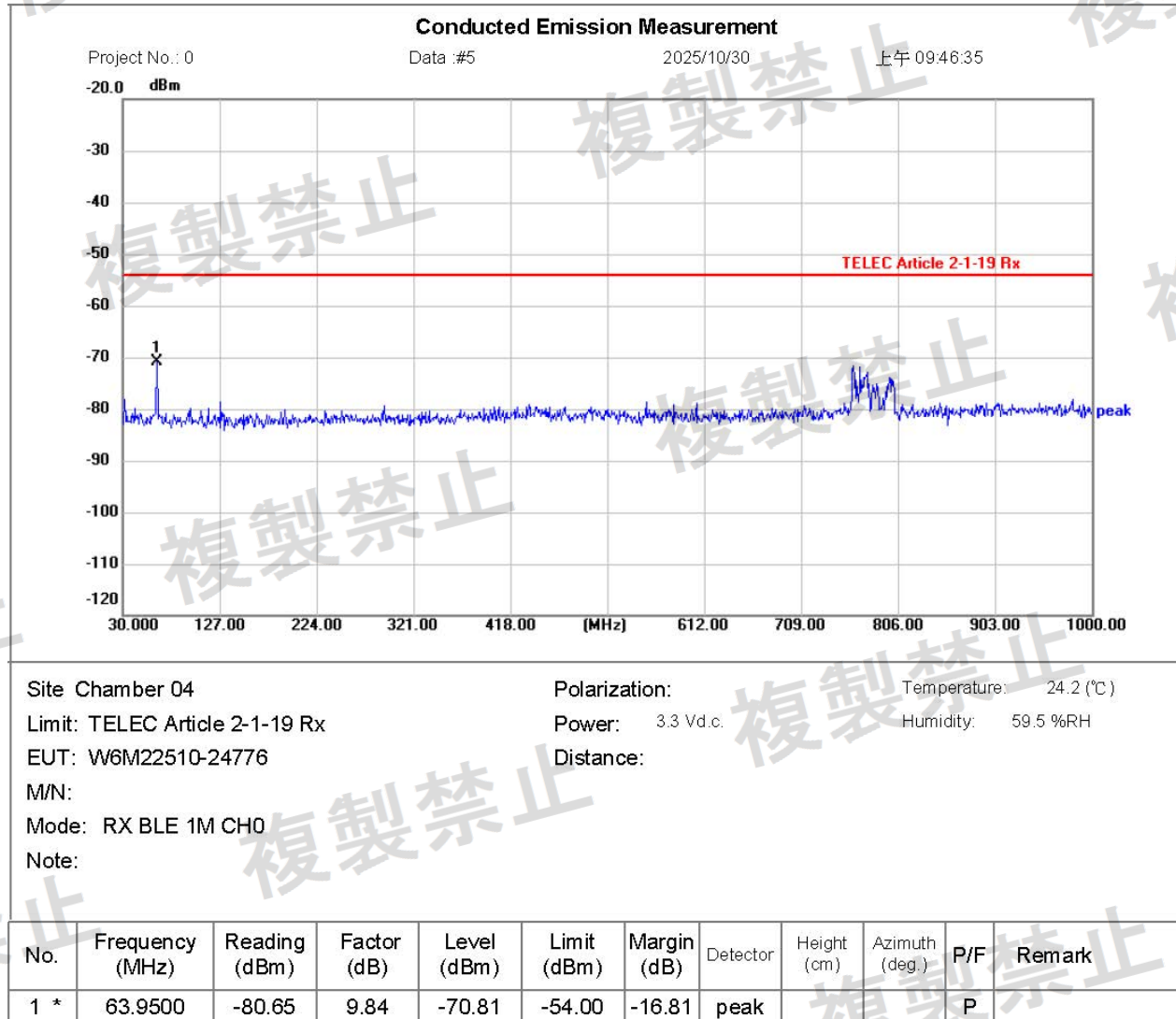
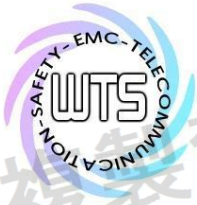
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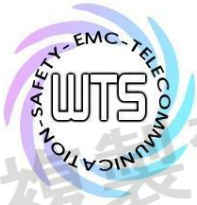




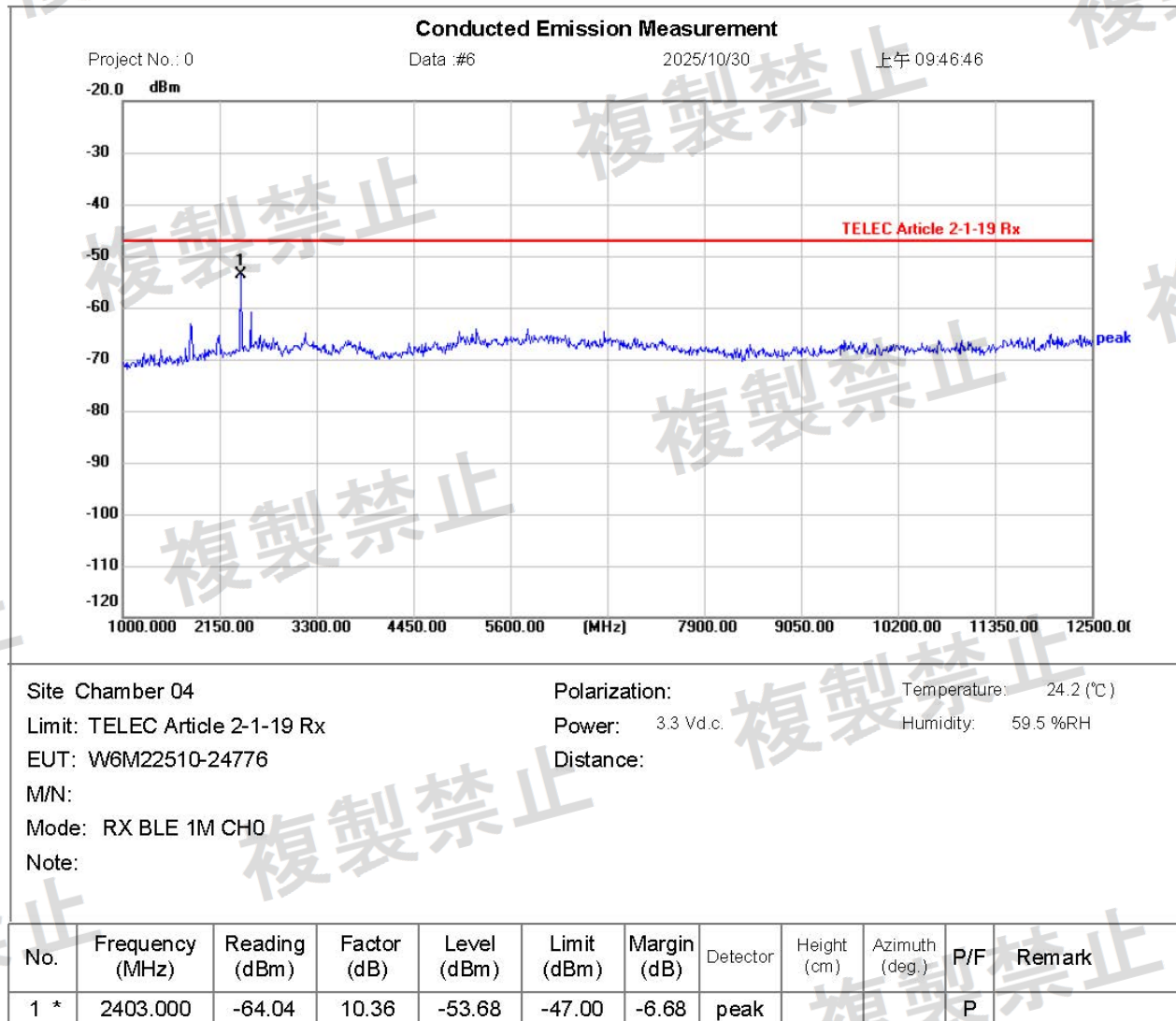
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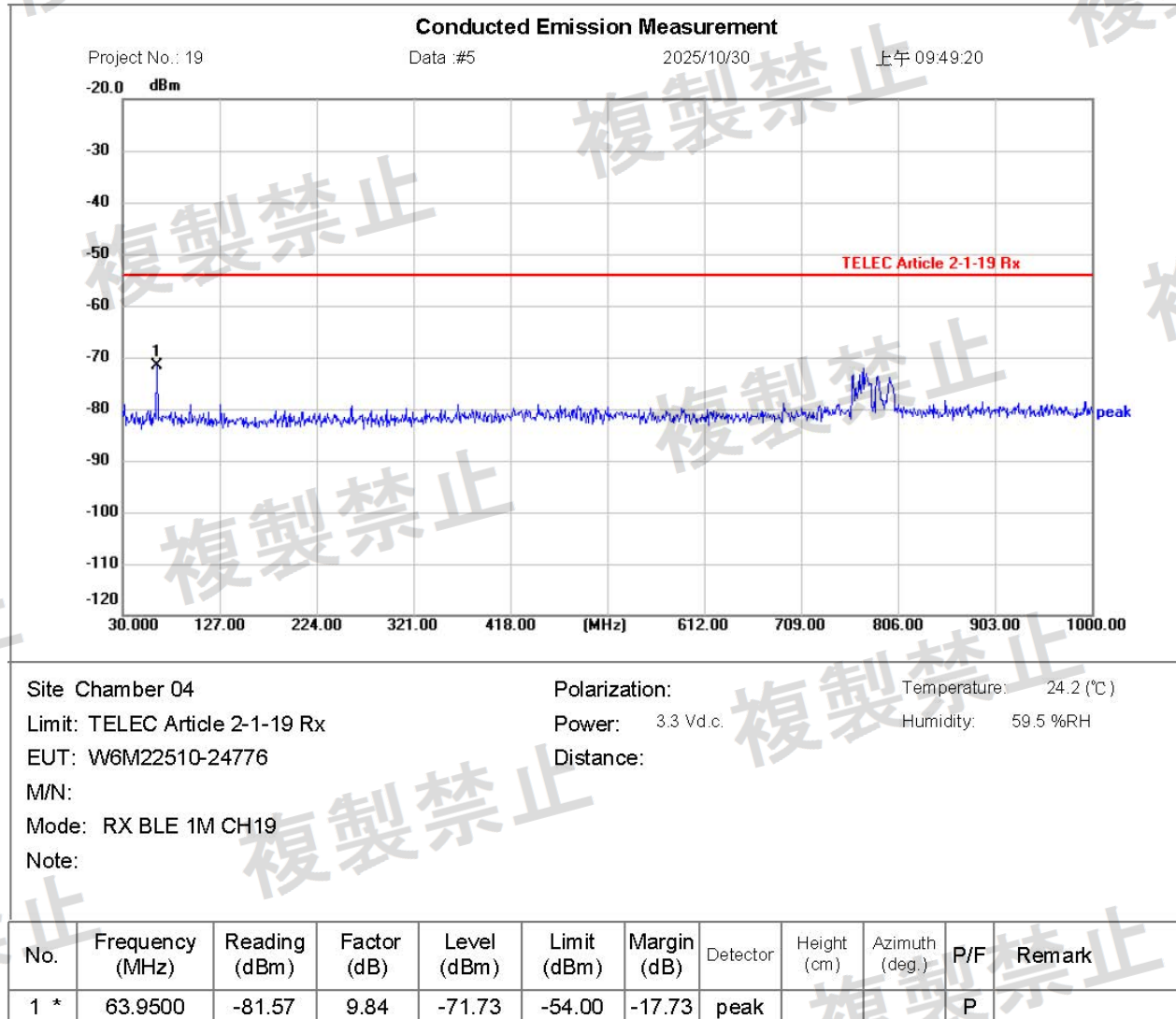


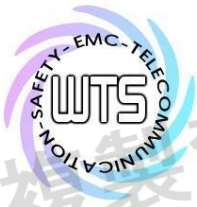
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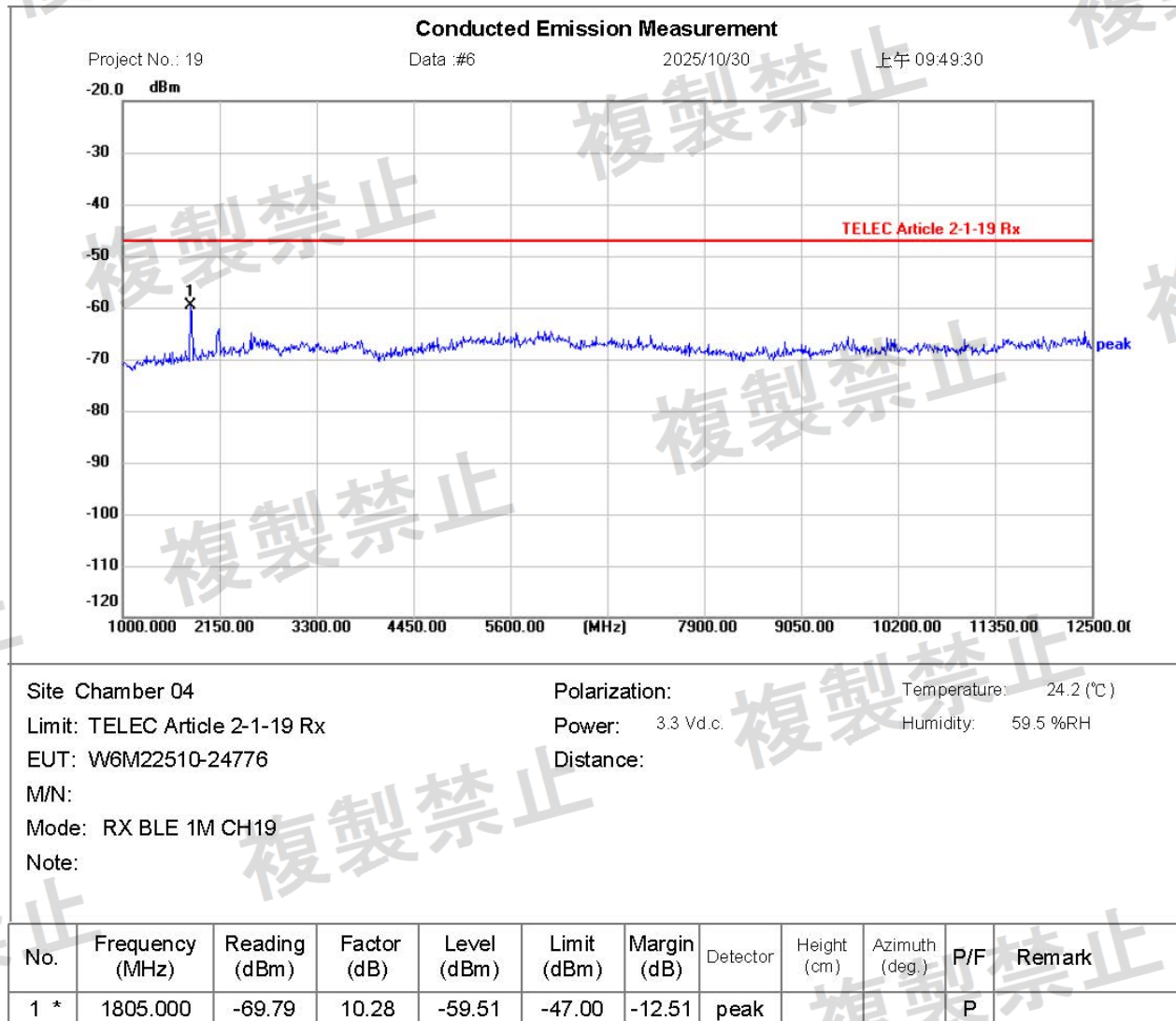


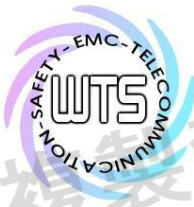
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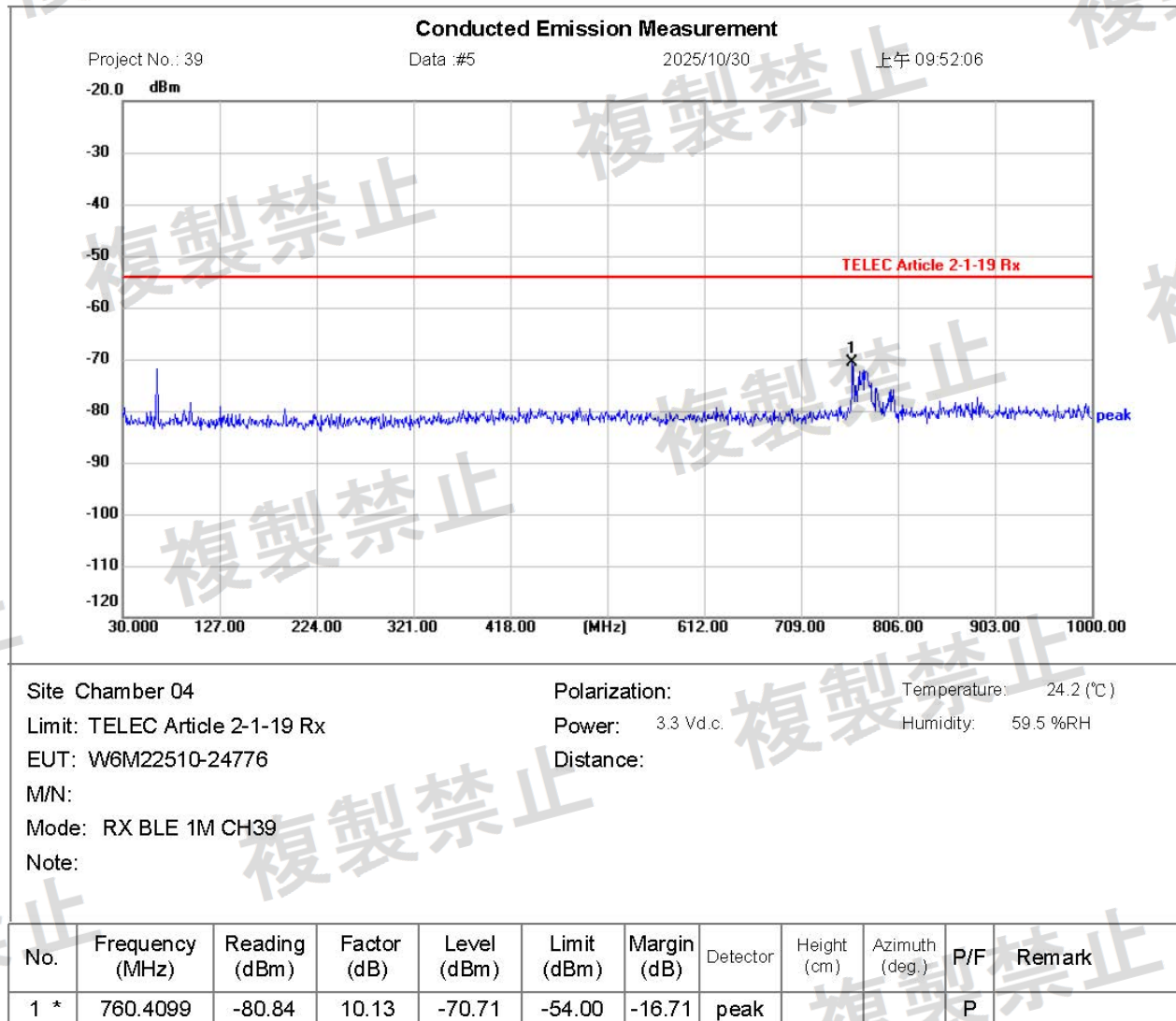


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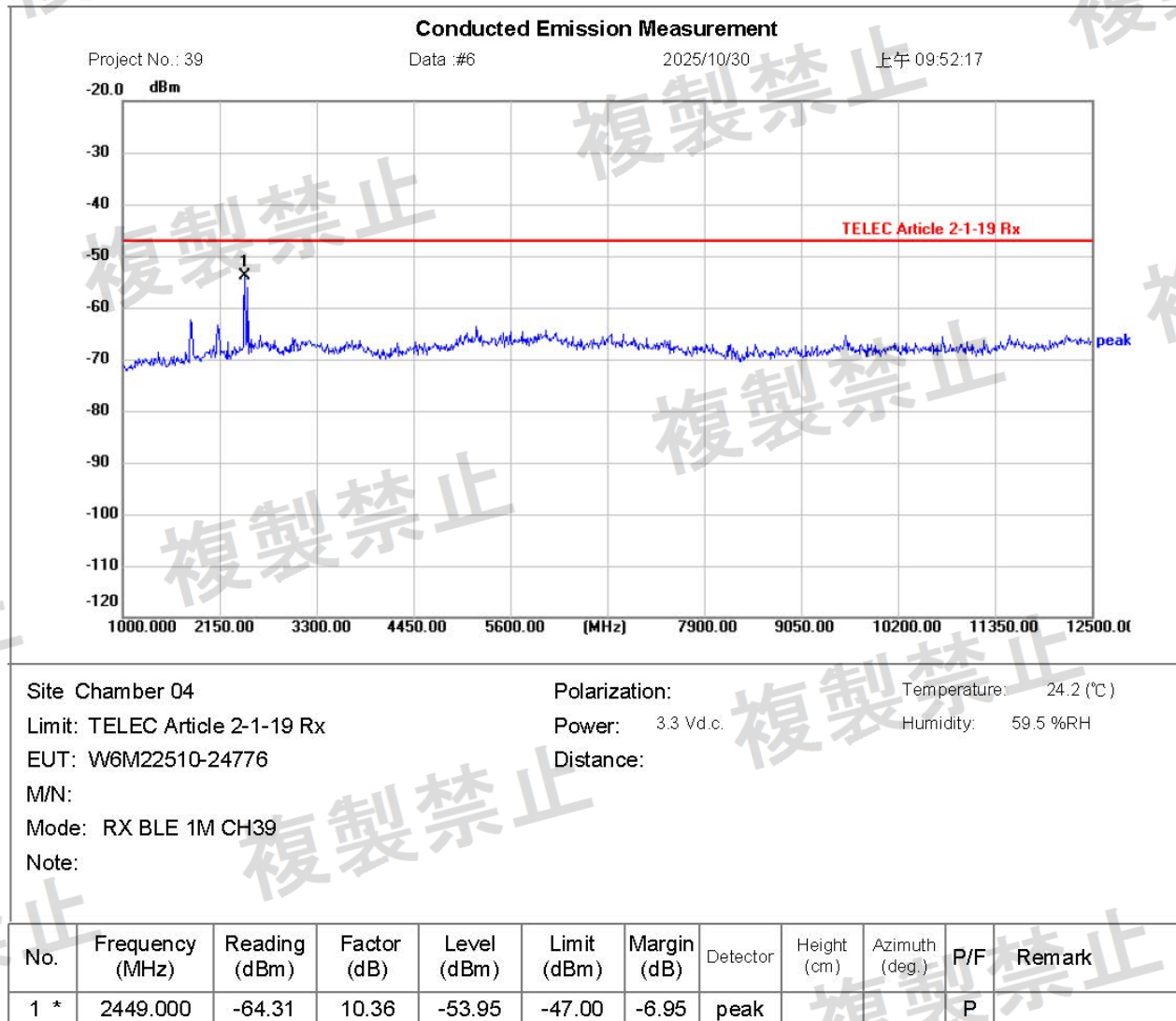


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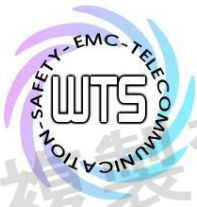
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Explanation: ./.

Limit:

Receiver operating	$\leq 1000 \text{ MHz: } \leq 4\text{nW} (-54 \text{ dBm})$ $\geq 1000 \text{ MHz: } \leq 20\text{nW} (-47 \text{ dBm})$
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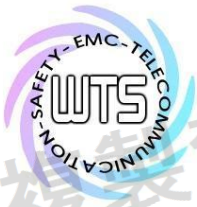
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30-1000MHz

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.



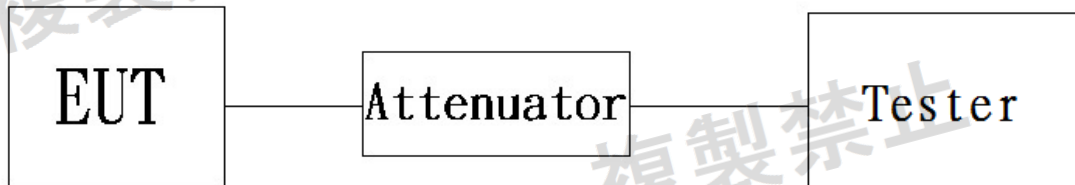
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3.8 Interference Prevention Function

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.