

TEST REPORT



CTK Co., Ltd.

(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si,
Gyeonggi-do, 449-100, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

Report No.:

CTK-2024-03366

Page (1) / (42) Pages

1. Applicant

- Name : SOLUM CO.,LTD.
- Address : 357, Yongin Techno Valley Building A, Guseong-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 16914, Republic of Korea
- Date of Receipt : 2024-10-02

2. Manufacturer

- Name : SOLUM CO.,LTD.
- Address : 357, Yongin Techno Valley Building A, Guseong-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 16914, Republic of Korea

3. Factory

- Name : SOLUM VINA CO., LTD
- Address : Plot B3, Ba Thien 2 Industrial park, Thien Ke Ward, Binh Xuyen District, Vinh Phuc Province, 281200., People's Republic of Vietnam

4. Use of Report : For Japan MIC Certification

5. Test Sample / Model : ESL Label / EL040H6B6A

6. Date(s) of Test : 2024-10-11 to 2024-10-14

7. Test Standard(method) used : ARIB STD-T66, Article 2, Clause 1, Item 19
No. 88 appended table 43

8. Testing Environment : Temp.: $(23 \pm 1) ^\circ\text{C}$, Humidity: $(48 \pm 3) \% \text{ R.H.}$

9. Test Results : Compliance

10. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing
(Address : 5, Dongbu-ro 221beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea)

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This report cannot be reproduced or copied without the written consent of CTK.

Approval	Tested by	Technical Manager
	Seoung-uk Park: (Signature)	Young-taek Lee: (Signature)

2024-12-10

CTK Co., Ltd.

REPORT REVISION HISTORY

Date	Revision	Page No
2024-12-10	Issued (CTK-2024-03366)	all

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1. General Product Description

1.1 Applicant Information

Company	SOLUM CO.,LTD.
Contact Point	357, Yongin Techno Valley Building A, Guseong-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 16914, Republic of Korea
Contact Person	Name : LEE TAE HA E-mail : taeha.lee@solu-m.com Tel : +82-31-8006-7705

1.2 Product Information

Product Description	ESL Label
Model name	EL040H6B6A
Variant Model name	EL040H6W6A (Variant models have no technical differences with each model except for the model name and color for marketing purposes.)
Antenna type	PCB Antenna
Antenna gain	2.28 dBi
Operating Frequency	2 401 MHz - 2 480 MHz
RF Output Power	2 401 MHz : 0.036 mW (E.I.R.P : -12.12 dBm) 2 402 MHz - 2 480 MHz : 2.421 mW (E.I.R.P : 6.210 dBm)
Number of channels	80
Channel Spacing	1 MHz
Type of Modulation	GFSK
Power Source	DC 3.0 V
Test Software(Version)	Tera term 4.99(-)
Firmware version	V36

1.3 Peripheral Devices

Device	Manufacturer	Model No.	Serial No.
Note Computer	HP	15-bs563TU	CND7253QRM
AC/DC Adapter	HP	HSTNN-LA40	7628011101

1.4 Interference prevention function

Interference prevention function	Description	Check
Identification code transmission/reception	Radio equipment used mainly on the same premises and automatically transmits or receives identification code	☒ Good ☐ No

2. Accreditations

2.1 Laboratory Accreditations and Listings

Country	Agency	Registration Number
USA	FCC	805871
CANADA	ISED	CN : 8737A CAB ID : KR0025
KOREA	NRRA	KR0025

2.2 Calibration Details of Equipment Used for Measurement

Test equipment and test accessories are calibrated on regular basis. The maximum time between calibrations is one year or what is recommended by the manufacturer, whichever is less. All test equipment calibrations are traceable to the Korea Research Institute of Standards and Science (KRISS), therefore, all test data recorded in this report is traceable to KRISS.

2.3 Measurement equipment list

	Name of Equipment	Manufacturer	Model No.	Serial No.	Cal. Authority	Cal. Method	Cal Date	Due Date
1	Spectrum Analyzer	Agilent	N9020A	MY50200512	SICT Co., Ltd.	(c)	2024-03-21	2025-03-21
2	Signal Generator	Rohde & Schwarz	SMB100A	175528	SICT Co., Ltd.	(c)	2024-03-21	2025-03-21
3	DC Power Supply	Agilent	E3632A	MY40009327	SICT Co., Ltd.	(c)	2024-03-20	2025-03-20

Note : Cal. Method

- Calibration conducted by the National Institute of Information and Communications Technology~NICT~ or a designated calibration agency under Article 102-18 paragraph (1)~ Telecom Engineering Center, Intertek Japan K.K., Keysight Technologies, Inc~.
- Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)~Japan Calibration Service System~
- 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)~ Telecom Engineering Center, Intertek Japan K.K., Keysight Technologies, Inc~.

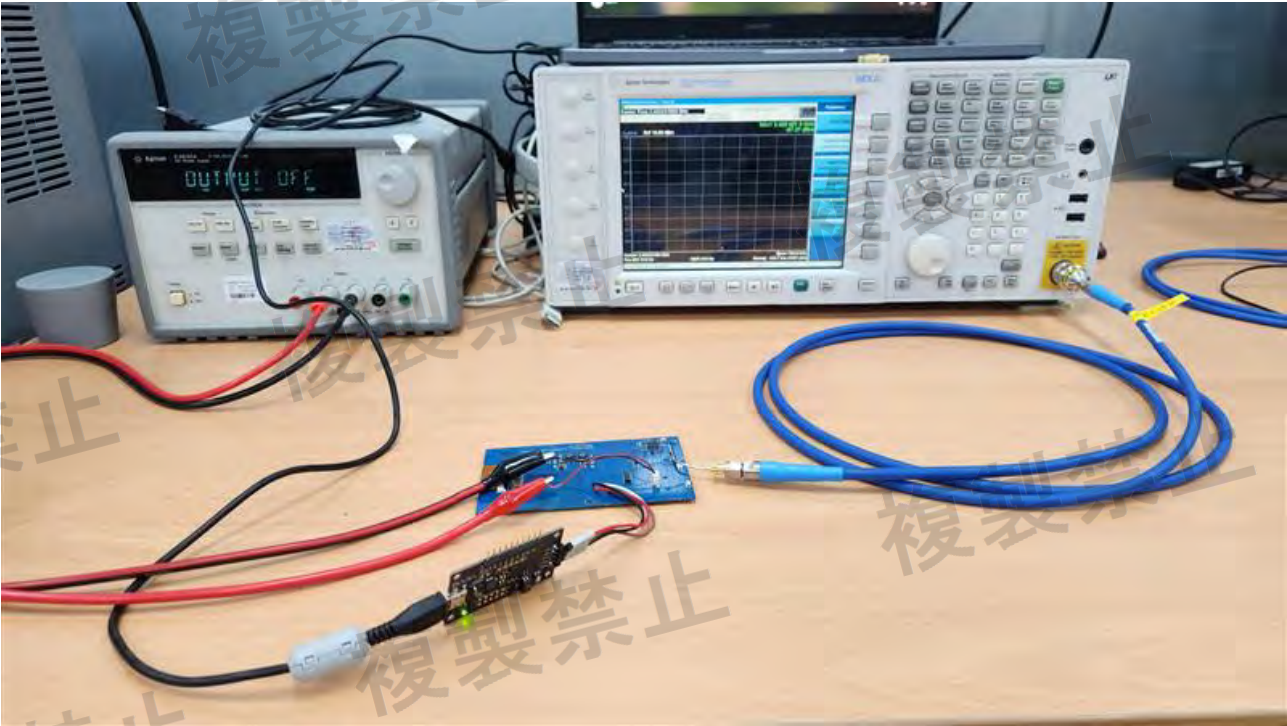
Calibration conducted by using other equipment that listed above from a) to c)

2.4 Maximum Measurement Uncertainty

The value of the measurement uncertainty for the measurement of each parameter.
Coverage factor $k = 2$, Confidence levels of 95 %

Description	Uncertainty
Conducted RF Output Power(Conducted)	1.5 dB (C.L.: Approx. 95 %, $k = 2$)
Spurious emissions(Conducted)	1.5 dB (C.L.: Approx. 95 %, $k = 2$)
Frequency Measurements(Conducted)	0.1 Hz (C.L.: Approx. 95 %, $k = 2$)
Occupied Bandwidth(Conducted)	0.2 kHz (C.L.: Approx. 95 %, $k = 2$)
Duty Cycle	1 % (C.L.: Approx. 95 %, $k = 2$)
Supply voltages	0.7 mV (C.L.: Approx. 95 %, $k = 2$)

2.5 Test Setup photo



2.6 Test method

1) Frequency Tolerance

Test Procedures

Transmits unmodulated frequency to be measured. Center the transmitted frequency with the spectrum analyzer and adjust the span appropriately so that the peak value displayed on the mark is sufficiently displayed. Record the peak value and calculate the ppm using the recorded value.

The spectrum analyzer is set to:

- | | |
|-----------------------------|---------------------|
| a) Span = in moderation | b) RBW = auto |
| c) VBW = auto | d) Sweep = auto |
| e) Detector function = peak | f) Trace = max hold |

2) Occupied Bandwidth & Spread Bandwidth

Test Procedures

Transmits the test frequency. The occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5%(Spread bandwidth is 5%) of the total mean power of the given emission. Use the 99%(Spread bandwidth is 90%) power bandwidth function of the instrument and report the measured bandwidth.

The spectrum analyzer is set to:

- | | |
|-----------------------------|---------------------|
| a) Span = 4 MHz | b) RBW = 300 kHz |
| c) VBW = 300 kHz | d) Sweep = auto |
| e) Detector function = peak | f) Trace = max hold |

3) RF Output Power & Tolerance

Test Procedures

Transmits the test frequency. spectrum settings appropriately, record the peak value.

The spectrum analyzer is set to:

- | | |
|---------------------|----------------------------|
| b) RBW = 30 kHz | b) VBW = 300 kHz |
| c) Sweep = auto | d) Detector function = RMS |
| e) Trace = max hold | |

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4) Unwanted(Spurious) Emission Strength

Test Procedures

Transmits the test frequency. After adjusting the spurious range and spectrum settings appropriately, record the peak value.

The spectrum analyzer is set to:

- b) RBW = 1 MHz
- c) Sweep = auto
- e) Trace = max hold
- b) VBW = 3 MHz
- d) Detector function = peak

5) Secondary Emittted Radio Wave Strength

Test Procedures

The test is tested with the EUT in RX state. After adjusting the spurious range and spectrum settings appropriately, record the peak value.

The spectrum analyzer is set to:

- b) RBW = 100 kHz
- c) Sweep = auto
- e) Trace = max hold
- b) VBW = 100 kHz
- d) Detector function = peak

3. Test Results

DC 3.0 V

Declaration Output Power	2 401 MHz : -13.00 dBm (0.050 mW) 2 402 ~ 2 480 MHz : 3.50 dBm (2.239 mW)
--------------------------	--

Transmission Time	ON TIME	2.115	msec
	OFF TIME	2.070	msec
	Ratio	0.505	-
Packet Type (Mode)		Not Applicable	mode
Transmit Speed		Not Applicable	MHz

Measurement Frequency	MHz	2401	2402	2440	2480	Result	Limit
Channel Number	Ch.	0	1	39	79	-	-
Frequency Measurements	MHz	2400.9923 74	2401.9927 36	2439.9919 51	2479.9916 10	PASS	
Frequency Tolerance	ppm	-3.176	-3.024	-3.299	-3.383	PASS	$\pm 50 \times 10^{-6}$ (50ppm)
Occupied Bandwidth	MHz	1.271	1.272	1.278	1.280	PASS	26MHz or below
Spread Bandwidth	MHz	0.851	0.852	0.852	0.854	PASS	500kHz or more
RF Output Power	mW	0.036	2.382	2.056	1.879	PASS	10mW or below
RF Output Power Tolerance	%	-28.000	6.387	-8.173	-16.079	PASS	+20 to - 80%
Unwanted (Spurious) Emissions	30 to 2387MHz	uW/ MHz	0.003	0.052	0.044	PASS	2.5uW/MHz or below
		MHz	2042.880	2273.860	2311.580	-	
	2387 to 2400MHz	uW/ MHz	9.638	0.991	0.015	PASS	25uW/MHz or below
		MHz	2400.000	2400.000	2390.030	-	
	2483.5 to 2496.5MHz	uW/ MHz	0.002	0.013	0.013	PASS	25uW/MHz or below
		MHz	2495.800	2489.060	2496.440	-	
	2496.5 to 12500MHz	uW/ MHz	0.004	0.019	0.027	PASS	2.5uW/MHz or below
		MHz	11899.790	7208.150	2566.520	-	
Receiver Spurious Emissions	30 to 1000MHz	nW	0.013	0.015	0.014	PASS	4nW or below
		MHz	796.300	894.270	916.580	-	
	1000 to 10000MHz	nW	0.285	0.281	0.278	PASS	20nW or below
		MHz	6256.000	6130.000	5671.000	-	
	10000 to 12500MHz	nW	0.292	0.259	0.282	PASS	20nW or below
		MHz	12345.000	12470.000	12472.500	-	

Note :

- Output power is measured at 100 % duty cycle.

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DC 3.3 V

Declaration Output Power	2 401 MHz : -13.00 dBm (0.050 mW) 2 402 - 2 480 MHz : 3.50 dBm (2.239 mW)
--------------------------	--

Transmission Time	ON TIME	2.115	msec
	OFF TIME	2.070	msec
	Ratio	0.505	-
Packet Type (Mode)		Not Applicable	mode
Transmit Speed		Not Applicable	MHz

Measurement Frequency		MHz	2401	2402	2440	2480	Result	Limit
Channel Number		Ch.	0	1	39	79	-	-
Frequency Measurements		MHz	2400.9923 00	2401.9925 77	2439.9918 58	2479.9915 28	PASS	
Frequency Tolerance		ppm	-3.207	-3.090	-3.337	-3.416	PASS	±50×10 ⁻⁶ (50ppm)
Occupied Bandwidth		MHz	1.270	1.271	1.278	1.281	PASS	26MHz or below
Spread Bandwidth		MHz	0.851	0.852	0.852	0.853	PASS	500kHz or more
RF Output Power		mW	0.036	2.371	2.014	1.919	PASS	10mW or below
RF Output Power Tolerance		%	-28.000	5.895	-10.049	-14.292	PASS	+20 to - 80%
Unwanted (Spurious) Emissions	30 to 2387MHz	uW/ MHz	0.003	0.072	0.038	0.041	PASS	2.5uW/MHz or below
		MHz	2139.510	1719.970	2311.580	2351.640	-	
	2387 to 2400MHz	uW/ MHz	9.638	0.916	0.017	0.013	PASS	25uW/MHz or below
		MHz	2400.000	2400.000	2387.270	2397.720	-	
	2483.5 to 2496.5MHz	uW/ MHz	0.002	0.012	0.012	0.016	PASS	25uW/MHz or below
		MHz	2491.770	2484.400	2495.190	2484.200	-	
	2496.5 to 12500MHz	uW/ MHz	0.004	0.025	0.026	0.030	PASS	2.5uW/MHz or below
		MHz	5407.520	2526.510	2566.520	2606.540	-	-
Receiver Spurious Emissions	30 to 1000MHz	nW	0.013	0.016	0.014	0.016	PASS	4nW or below
		MHz	770.110	849.650	976.720	929.190	-	-
	1000 to 10000MHz	nW	0.251	0.251	0.248	0.321	PASS	20nW or below
		MHz	5761.000	6148.000	5329.000	5788.000	-	-
	10000 to 12500MHz	nW	0.270	0.265	0.262	0.260	PASS	20nW or below
		MHz	12442.500	12397.500	12362.500	12337.500	-	-

Note :
 - Output power is measured at 100 % duty cycle.

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DC 2.7 V

Declaration Output Power	2 401 MHz : -13.00 dBm (0.050 mW) 2 402 - 2 480 MHz : 3.50 dBm (2.239 mW)
--------------------------	--

Transmission Time	ON TIME	2.115	msec
	OFF TIME	2.070	msec
	Ratio	0.505	-
Packet Type (Mode)		Not Applicable	mode
Transmit Speed		Not Applicable	MHz

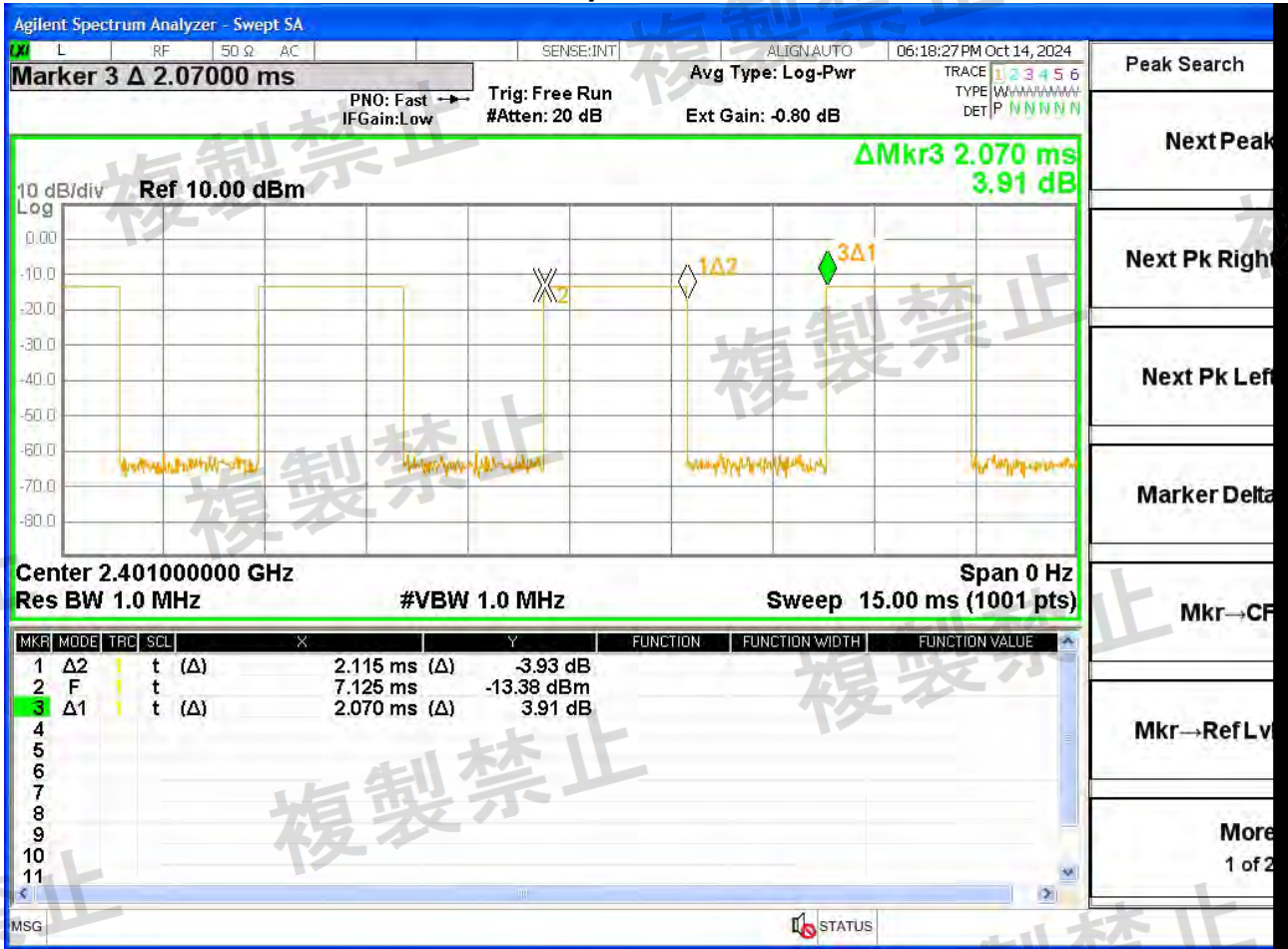
Measurement Frequency		MHz	2401	2402	2440	2480	Result	Limit
Channel Number		Ch.	0	1	39	79	-	-
Frequency Measurements		MHz	2400.9922 76	2401.9924 44	2439.9917 35	2479.9914 63	PASS	
Frequency Tolerance		ppm	-3.217	-3.146	-3.387	-3.442	PASS	±50×10 ⁻⁶ (50ppm)
Occupied Bandwidth		MHz	1.270	1.271	1.278	1.280	PASS	26MHz or below
Spread Bandwidth		MHz	0.852	0.851	0.852	0.854	PASS	500kHz or more
RF Output Power		mW	0.036	2.421	2.037	1.828	PASS	10mW or below
RF Output Power Tolerance		%	-28.000	8.129	-9.022	-18.356	PASS	+20 to - 80%
Unwanted (Spurious) Emissions	30 to 2387MHz	uW/ MHz	0.002	0.828	0.038	0.040	PASS	2.5uW/MHz or below
		MHz	2042.880	1752.970	2311.580	2351.640	-	
	2387 to 2400MHz	uW/ MHz	9.772	0.918	0.016	0.014	PASS	25uW/MHz or below
		MHz	2400.000	2400.000	2387.260	2397.930	-	
	2483.5 to 2496.5MHz	uW/ MHz	0.002	0.012	0.013	0.018	PASS	25uW/MHz or below
		MHz	2485.330	2483.590	2494.120	2483.710	-	
	2496.5 to 12500MHz	uW/ MHz	0.003	0.036	0.028	0.021	PASS	2.5uW/MHz or below
		MHz	12449.980	5257.470	2566.520	2606.540	-	-
Receiver Spurious Emissions	30 to 1000MHz	nW	0.016	0.015	0.014	0.013	PASS	4nW or below
		MHz	780.780	931.130	906.880	990.300	-	-
	1000 to 10000MHz	nW	0.268	0.243	0.305	0.281	PASS	20nW or below
		MHz	5500.000	6274.000	5788.000	5752.000	-	-
	10000 to 12500MHz	nW	0.234	0.277	0.235	0.217	PASS	20nW or below
		MHz	12310.000	12480.000	12305.000	11812.500	-	-

Note :

- Output power is measured at 100 % duty cycle.

APPENDIX A – data

ON/OFF time





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(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si,
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Fax: +82-31-624-9501

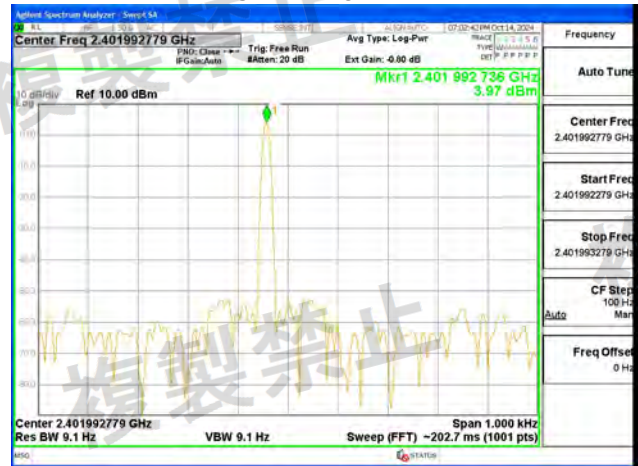
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Test Mode : DC 3.0 V Frequency tolerance

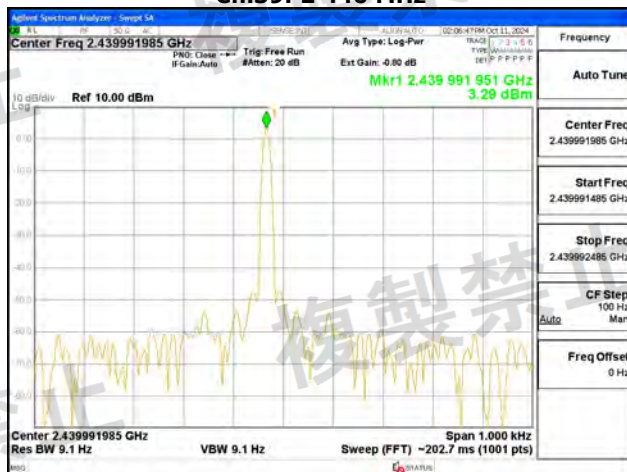
Ch.0: 2 401 MHz



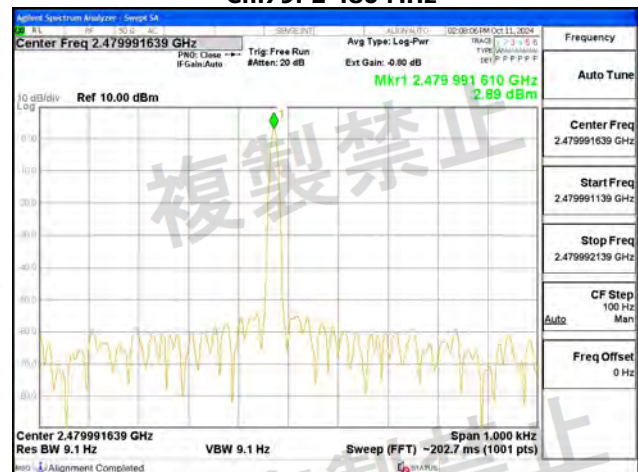
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





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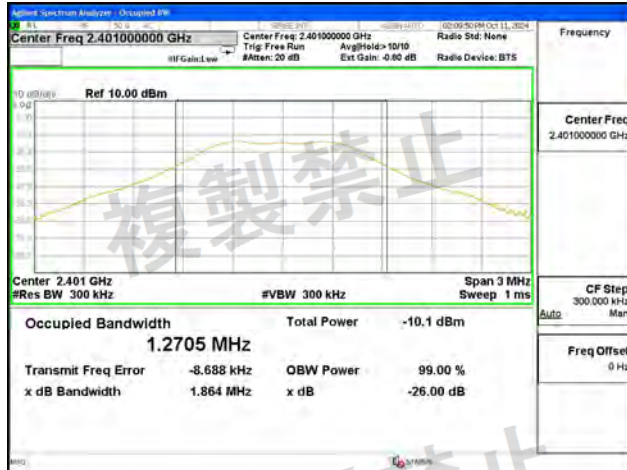
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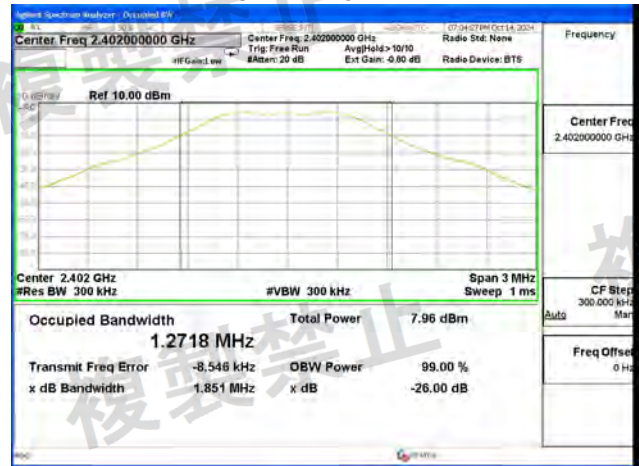
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Occupied bandwidth

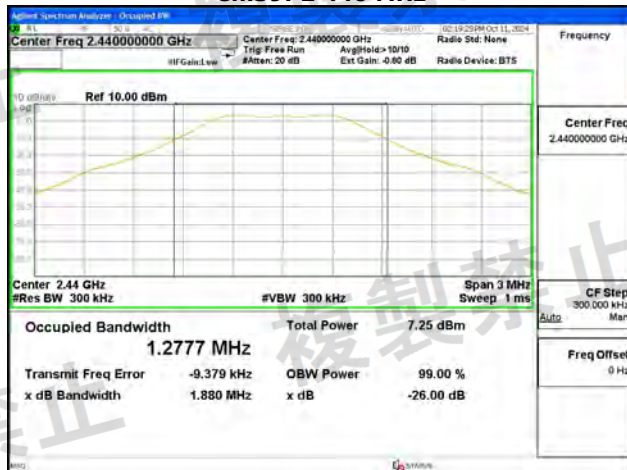
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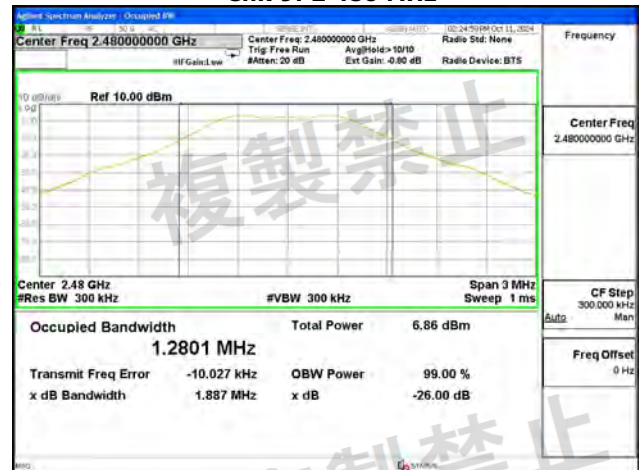
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





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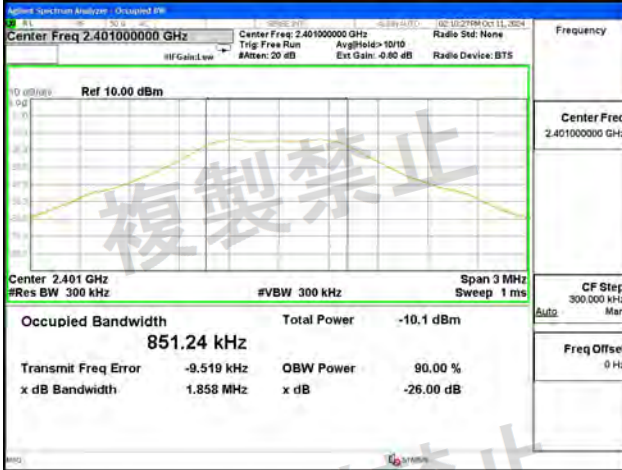
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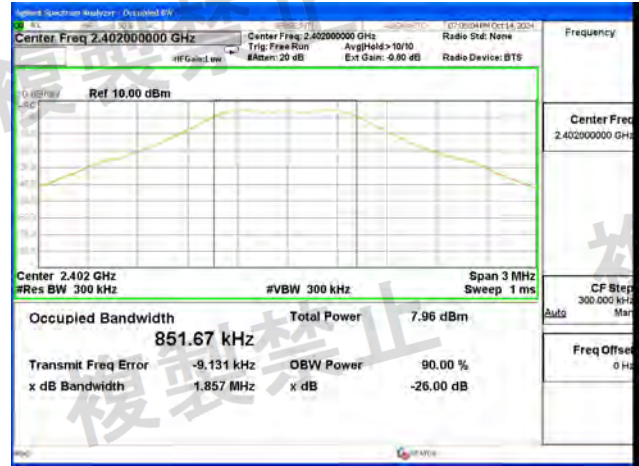
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Spread bandwidth

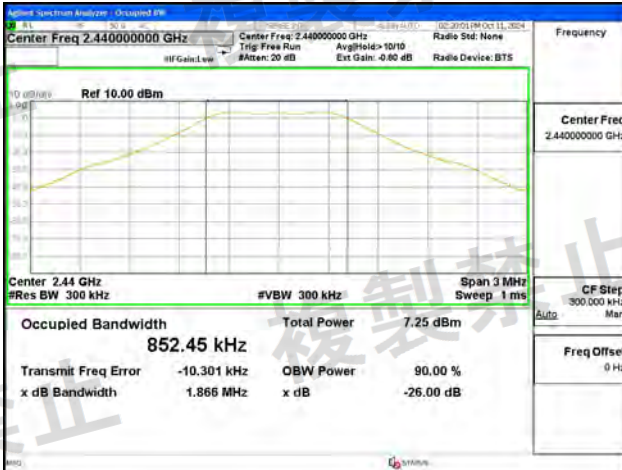
Ch.0: 2 401 MHz



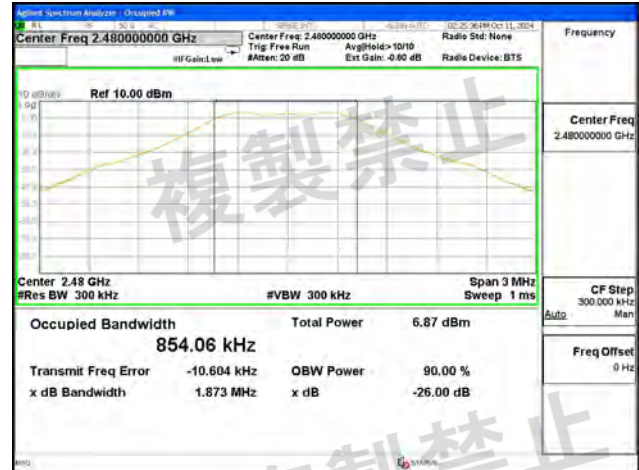
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





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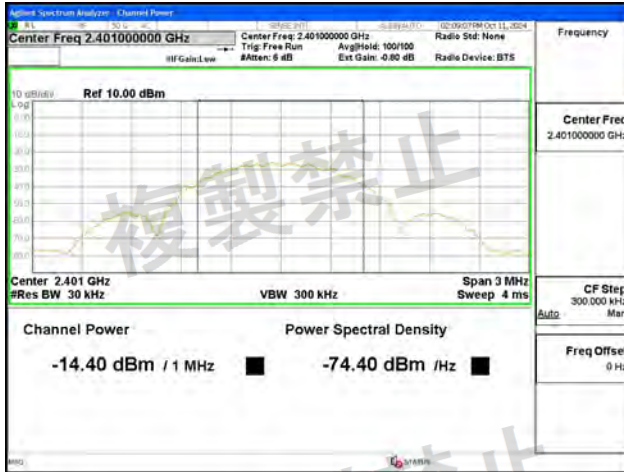
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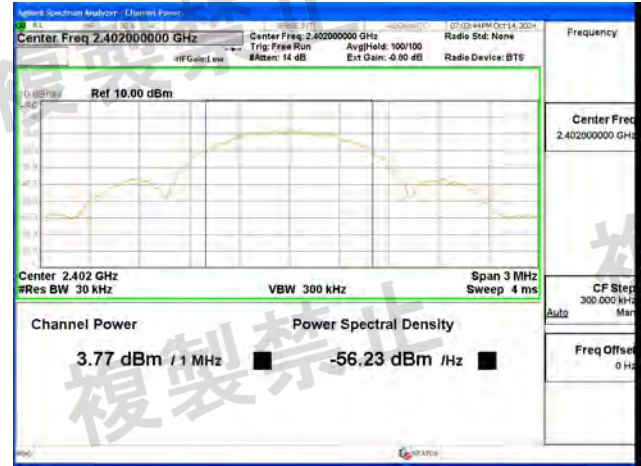
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RF output power

Ch.0: 2 401 MHz



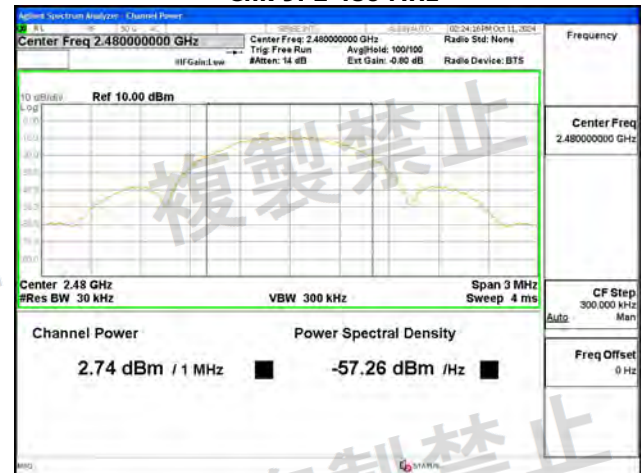
Ch.1: 2 402 MHz



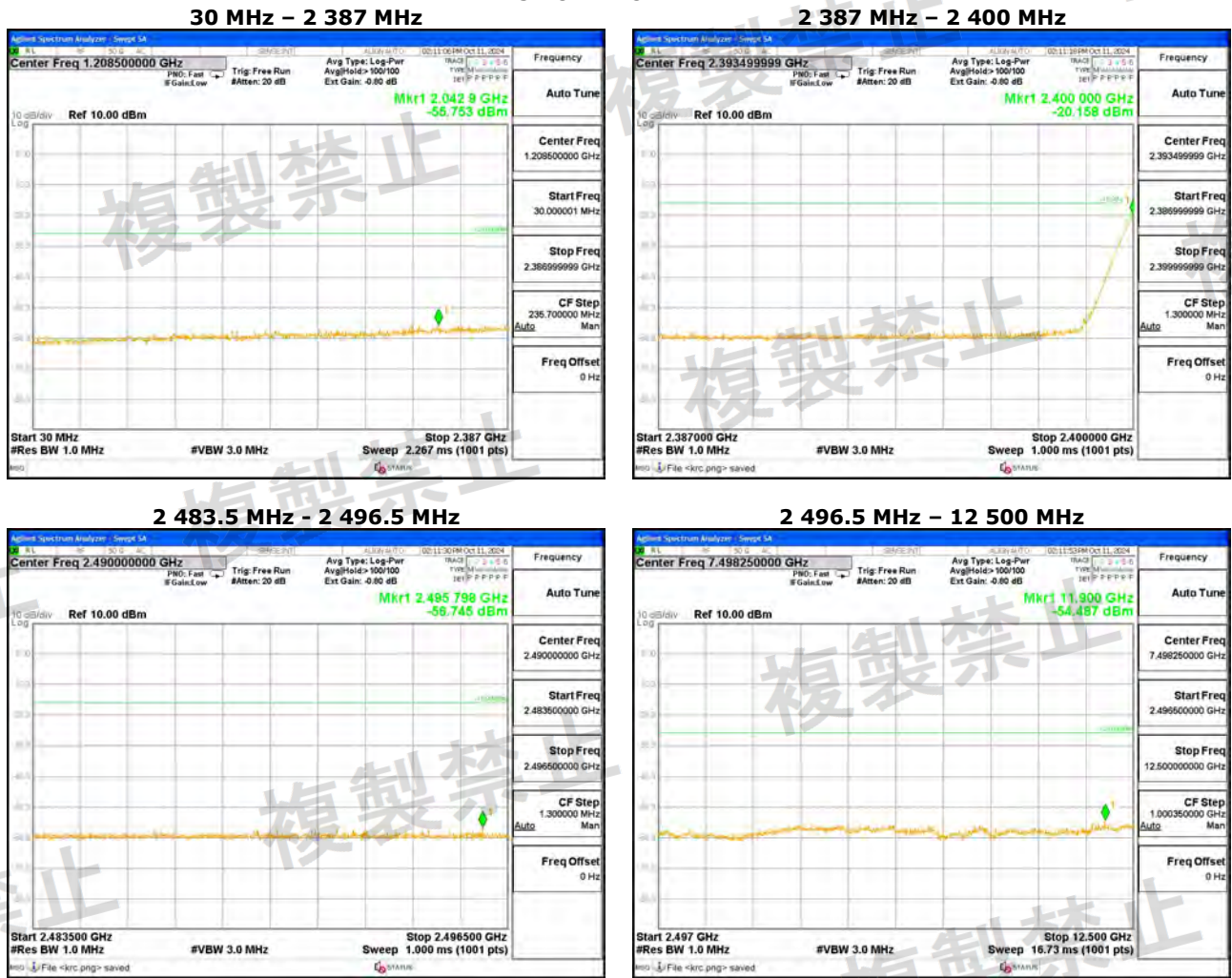
Ch.39: 2 440 MHz



Ch.79: 2 480 MHz



Unwanted(Spurious) emission
Ch.0: 2 401 MHz





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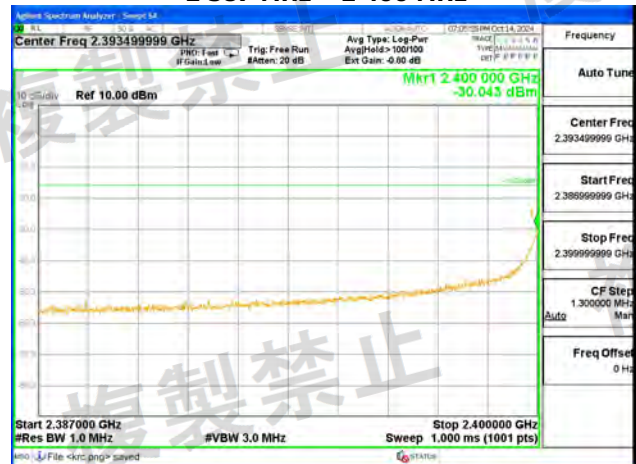
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Ch.1: 2 402 MHz

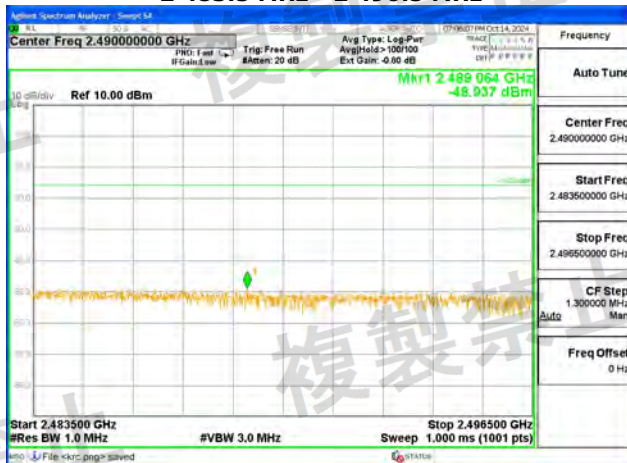
30 MHz – 2 387 MHz



2 387 MHz – 2 400 MHz



2 483.5 MHz - 2 496.5 MHz



2 496.5 MHz – 12 500 MHz





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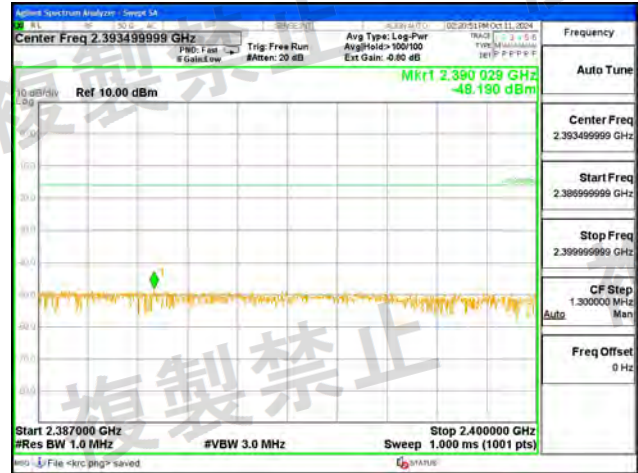
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Ch.39: 2 440 MHz

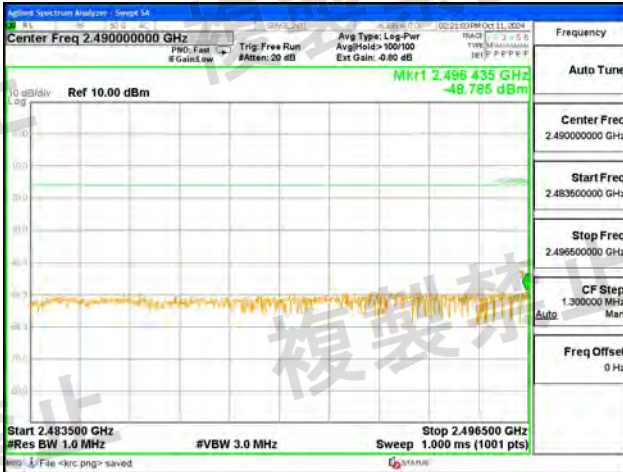
30 MHz – 2 387 MHz



2 387 MHz – 2 400 MHz



2 483.5 MHz – 2 496.5 MHz



2 496.5 MHz – 12 500 MHz





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Fax: +82-31-624-9501

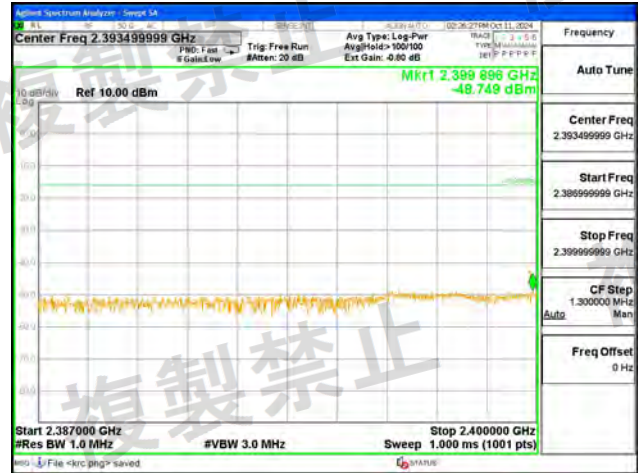
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Ch.79: 2 480 MHz

30 MHz – 2 387 MHz



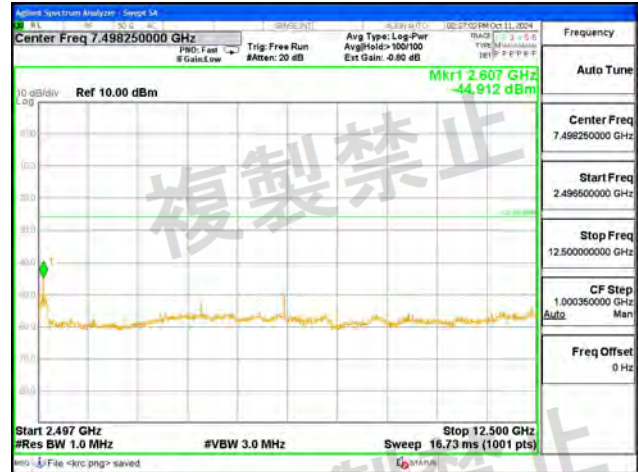
2 387 MHz – 2 400 MHz



2 483.5 MHz – 2 496.5 MHz

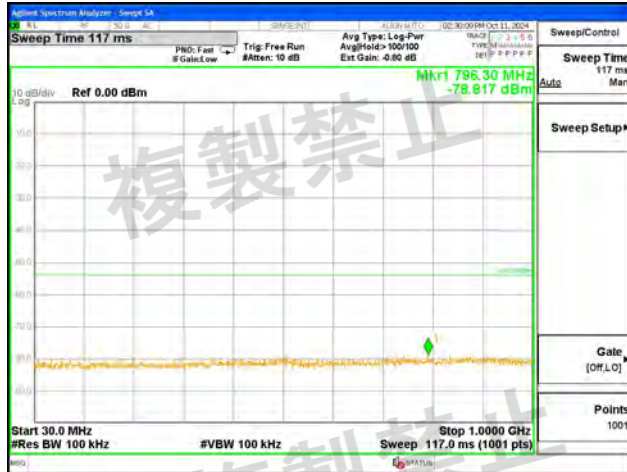


2 496.5 MHz – 12 500 MHz

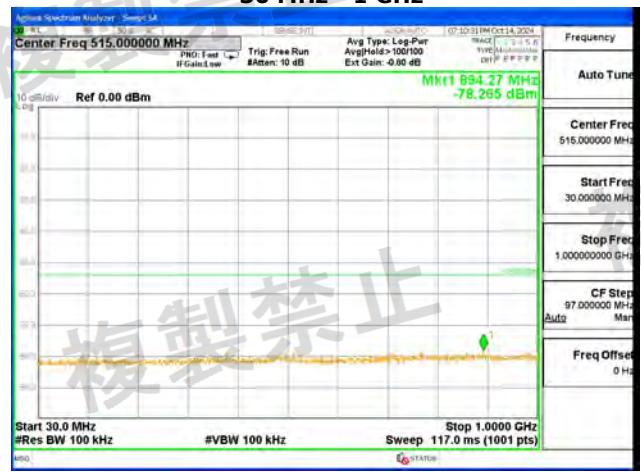


Receiver Spurious Emission

Ch.0: 2 401 MHz
30 MHz – 1 GHz



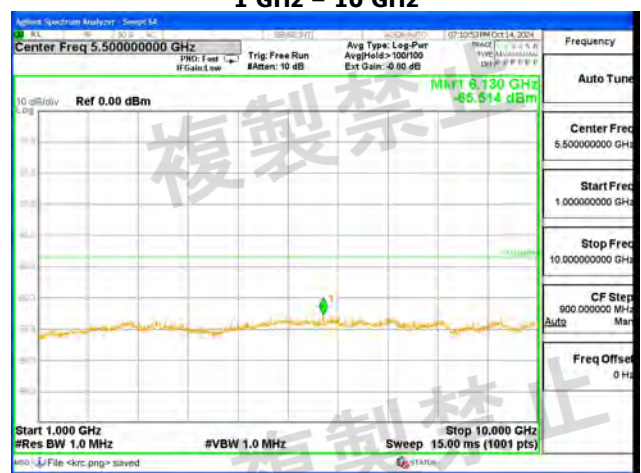
Ch.1: 2 402 MHz
30 MHz – 1 GHz



1 GHz – 10 GHz



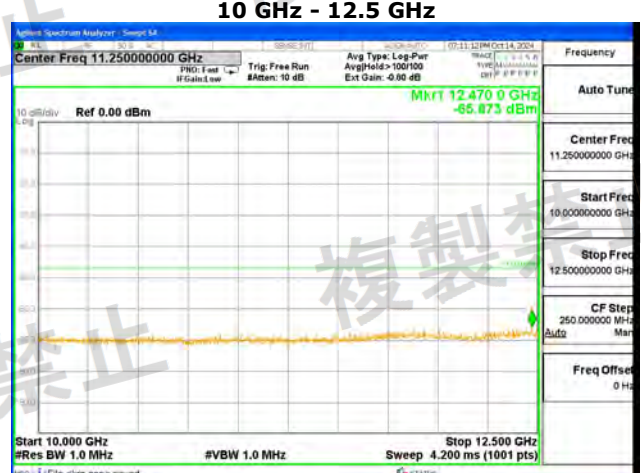
1 GHz – 10 GHz



10 GHz – 12.5 GHz



10 GHz – 12.5 GHz



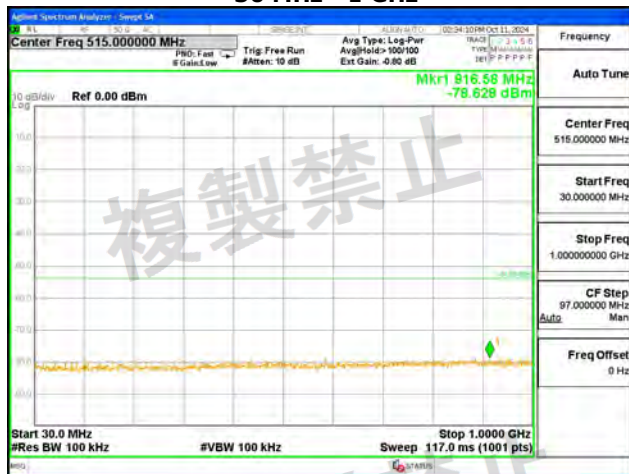


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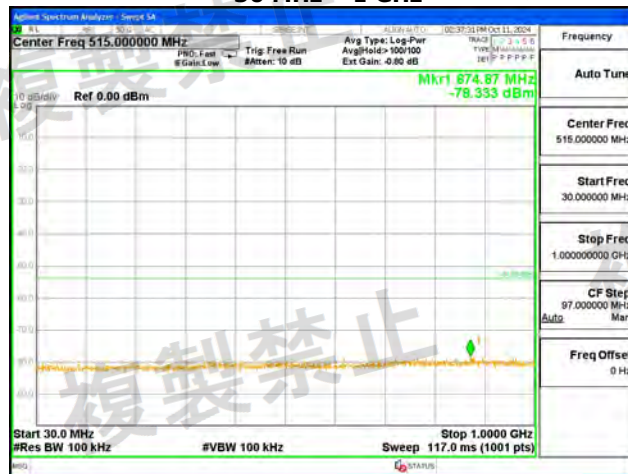
(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si,
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Ch.39: 2 440 MHz
30 MHz - 1 GHz



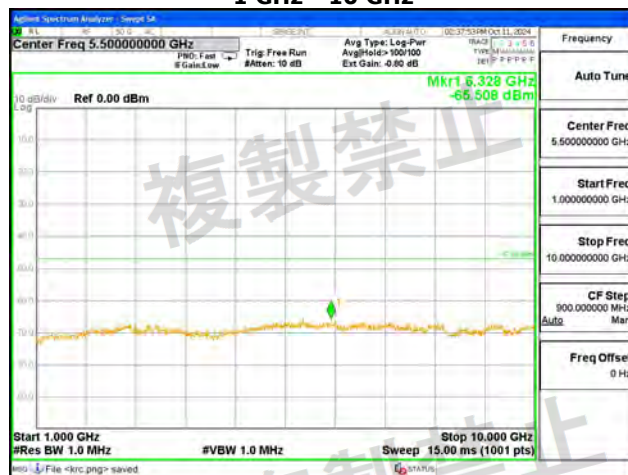
Ch.79: 2 480 MHz
30 MHz - 1 GHz



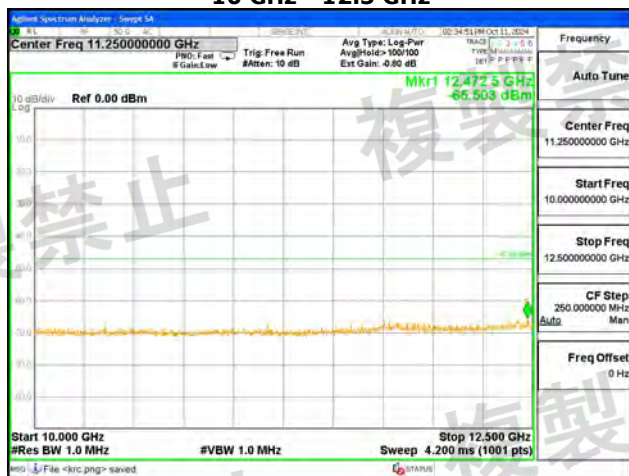
1 GHz - 10 GHz



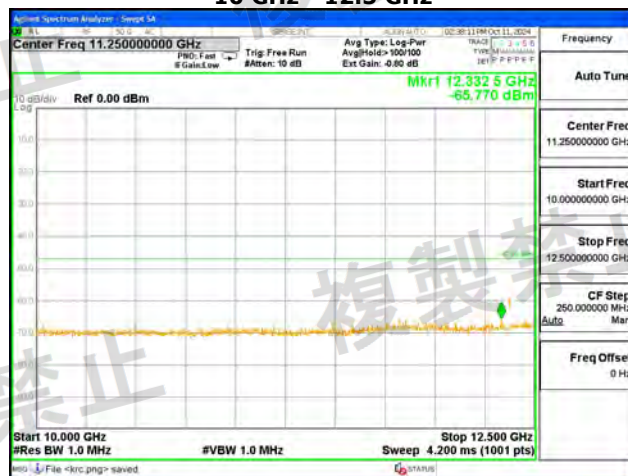
1 GHz - 10 GHz



10 GHz - 12.5 GHz



10 GHz - 12.5 GHz





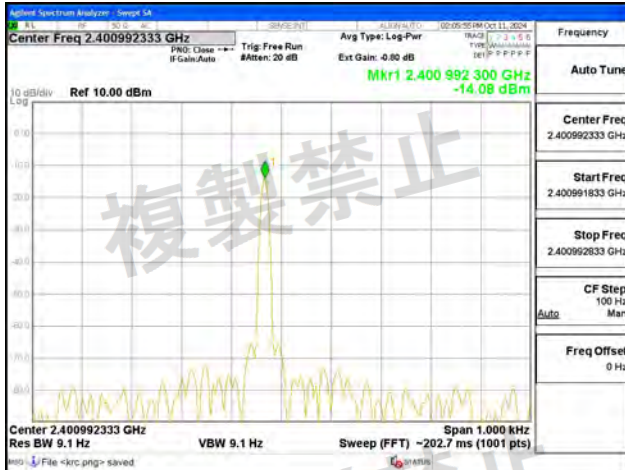
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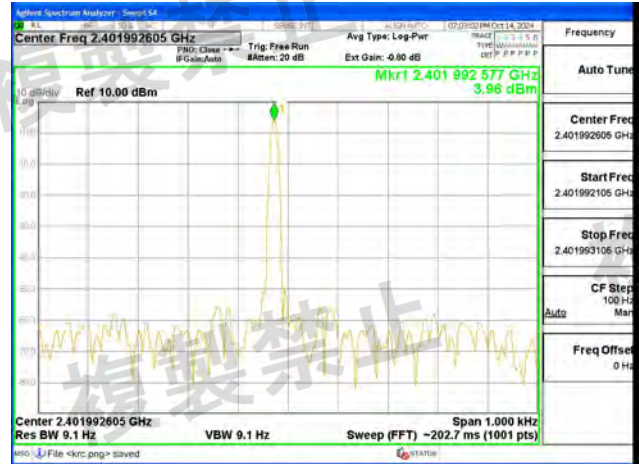
Report No.:
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Test Mode : DC 3.3 V Frequency tolerance

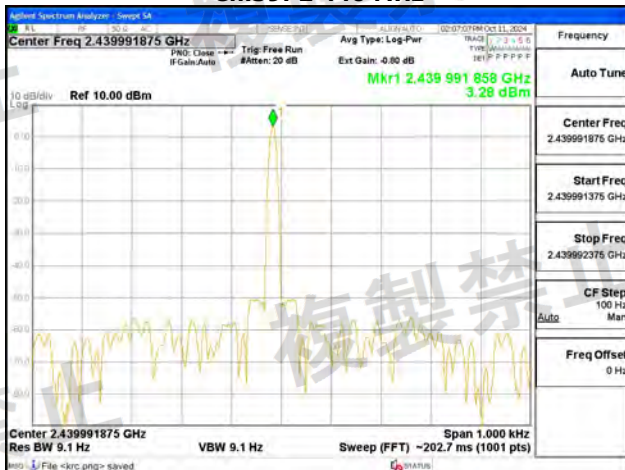
Ch.0: 2 401 MHz



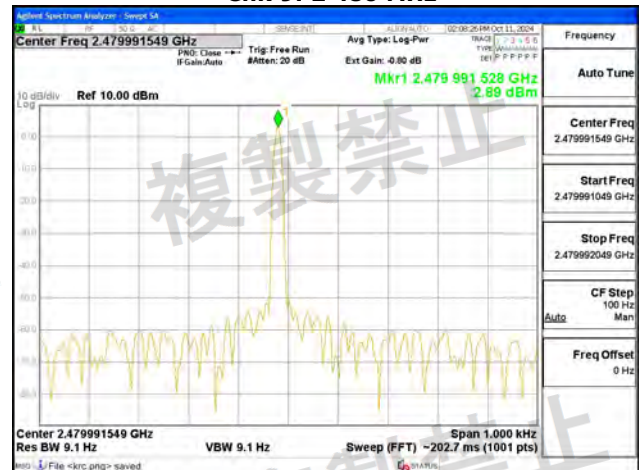
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





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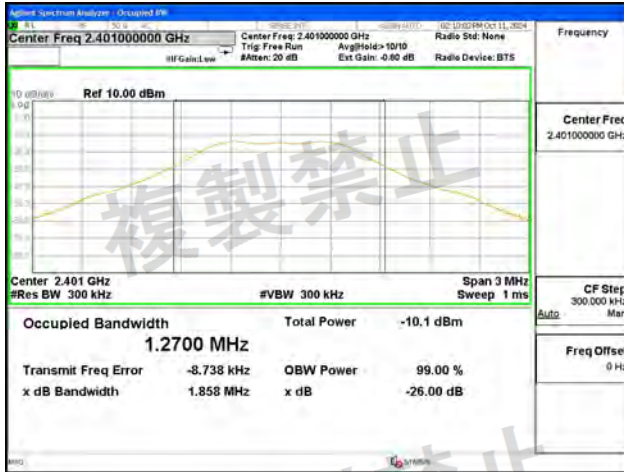
Report No.:

CTK-2024-03366

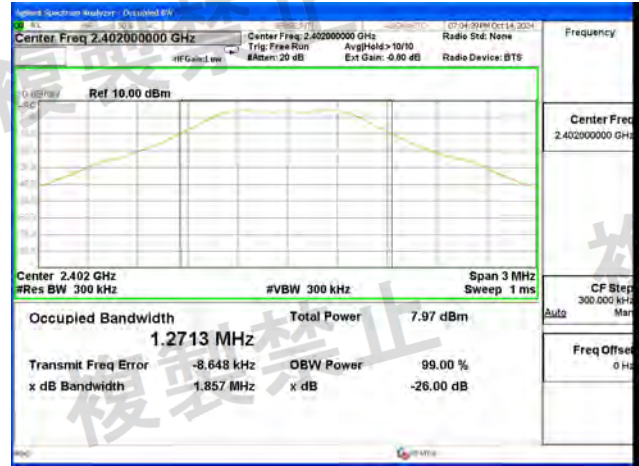
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Occupied bandwidth

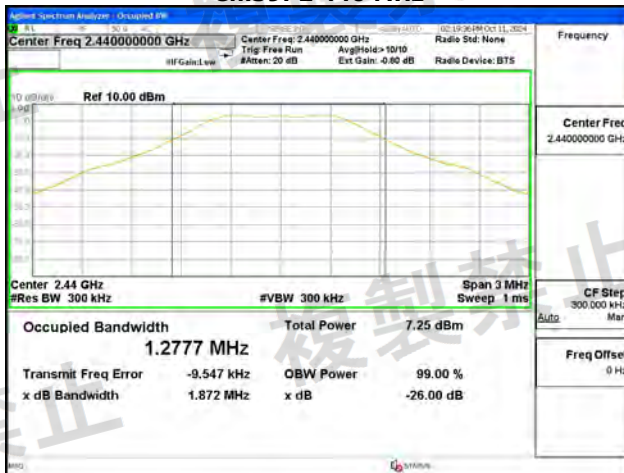
Ch.0: 2 401 MHz



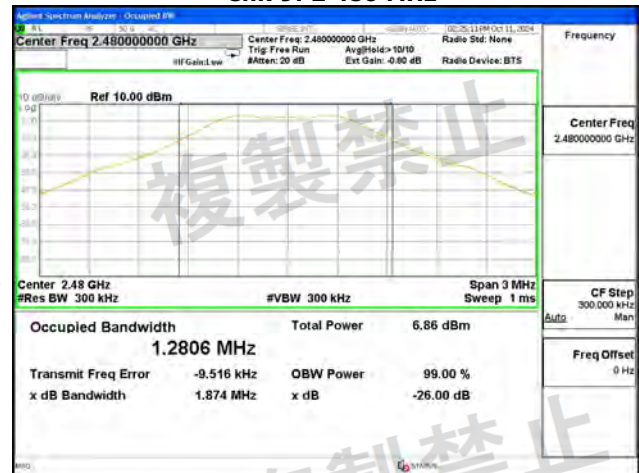
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





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Tel: +82-31-339-9970
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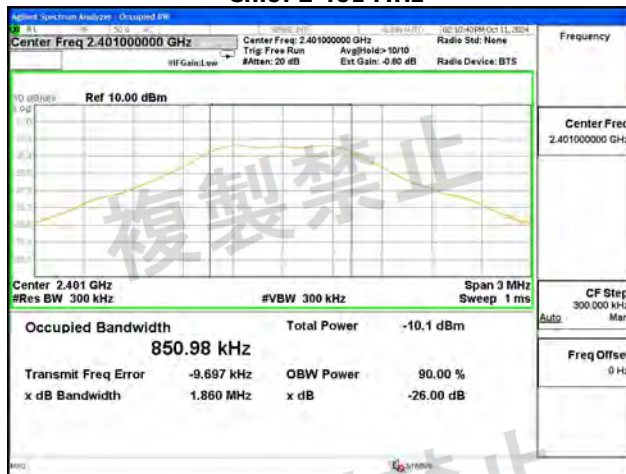
Report No.:

CTK-2024-03366

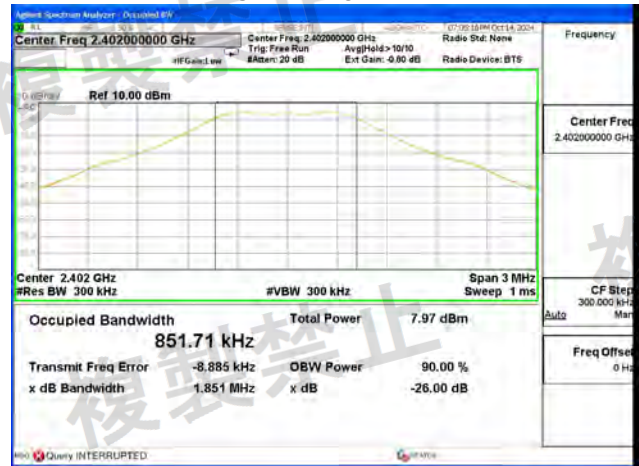
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Spread bandwidth

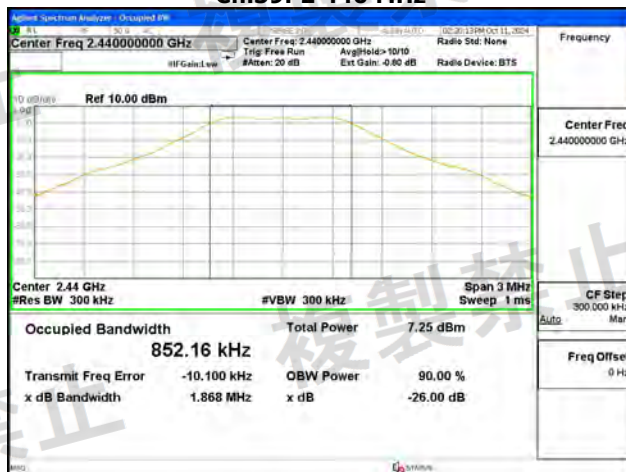
Ch.0: 2 401 MHz



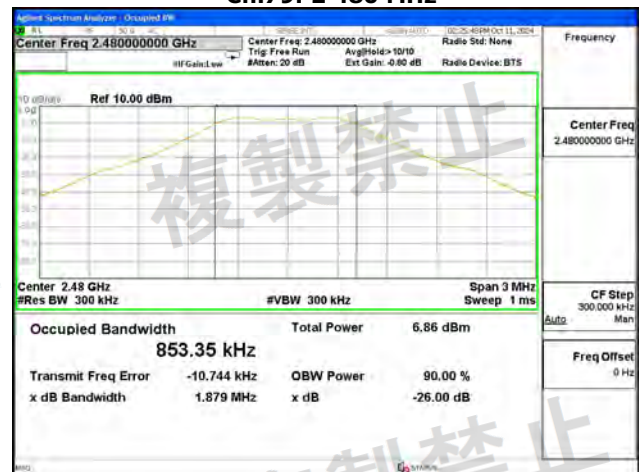
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz

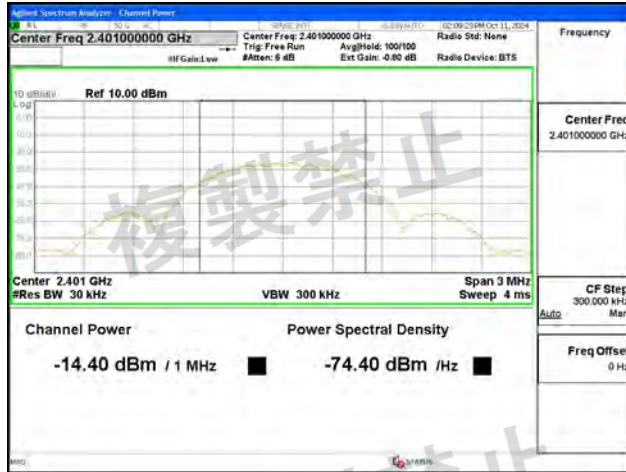


Ch.79: 2 480 MHz

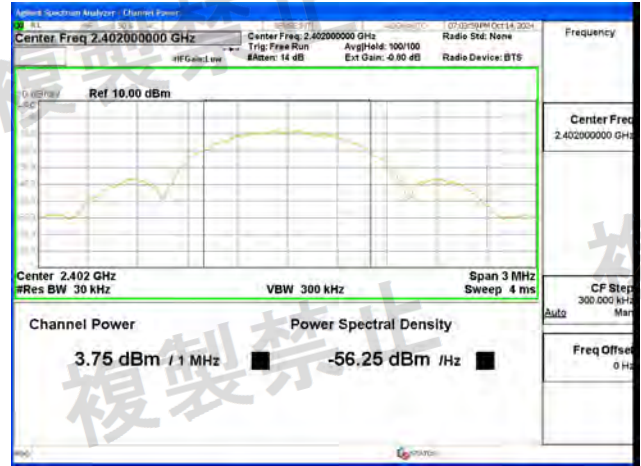


RF output power

Ch.0: 2 401 MHz



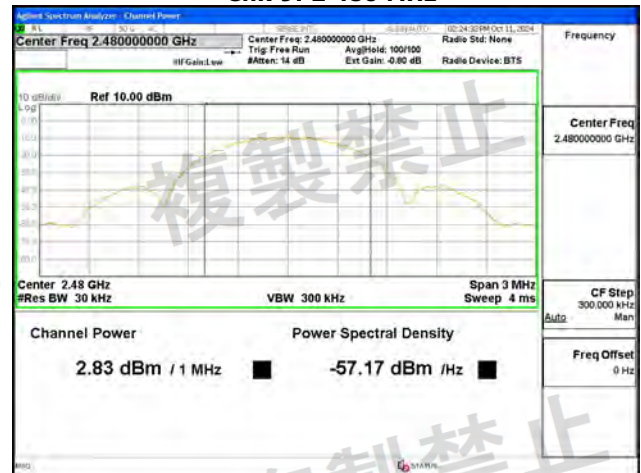
Ch.1: 2 402 MHz



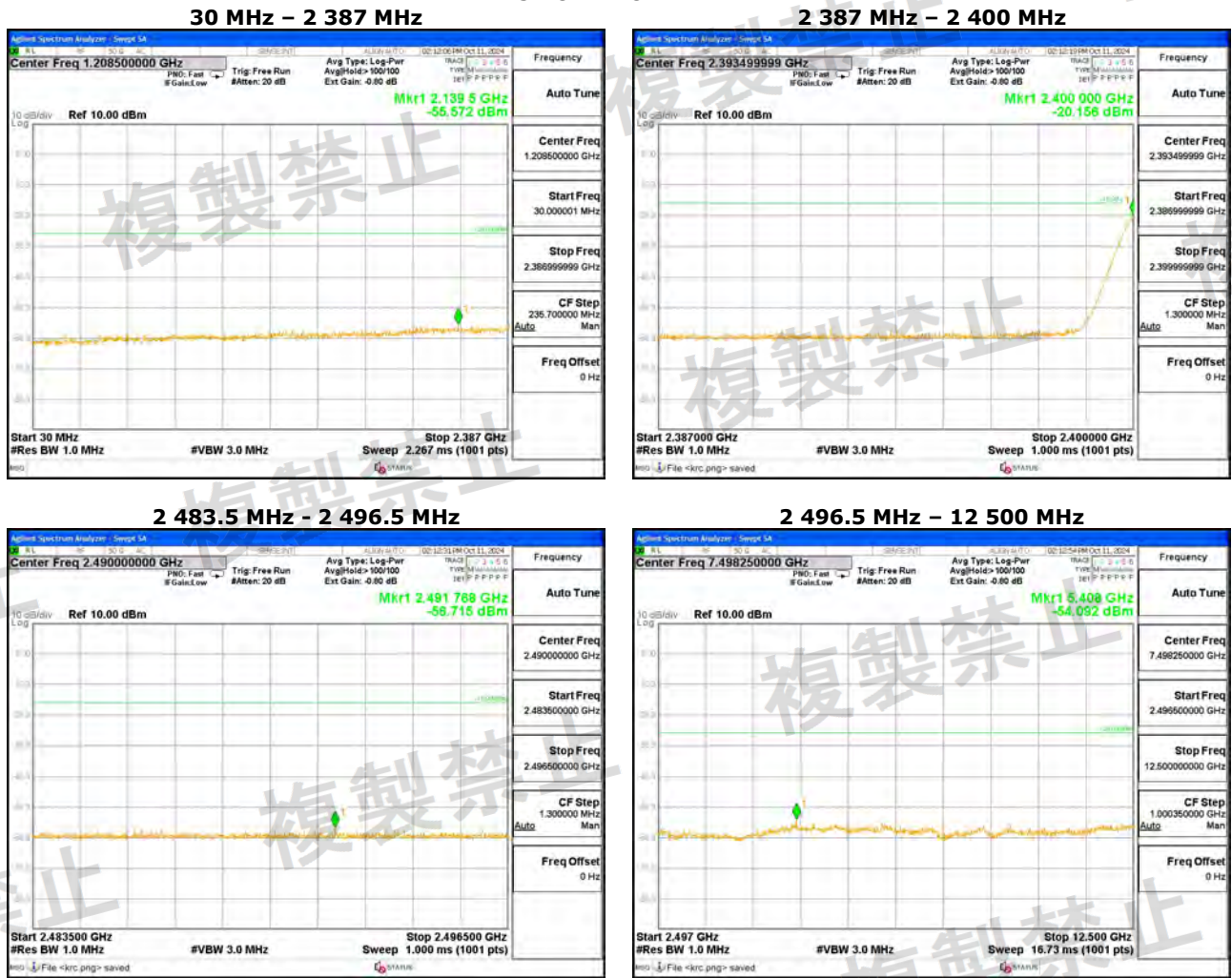
Ch.39: 2 440 MHz



Ch.79: 2 480 MHz



Unwanted(Spurious) emission
Ch.0: 2 401 MHz





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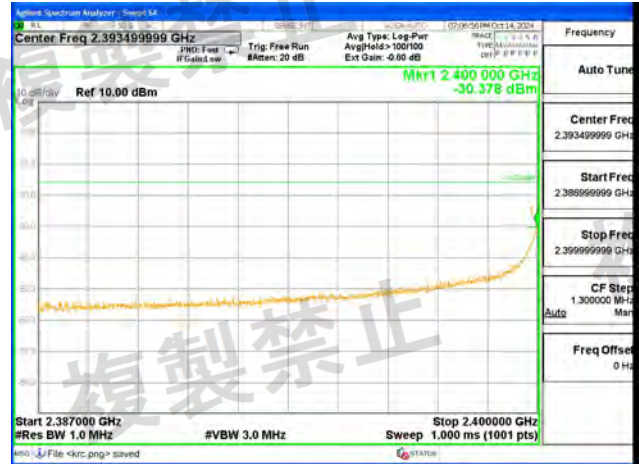
Report No.:
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Ch.1: 2 402 MHz

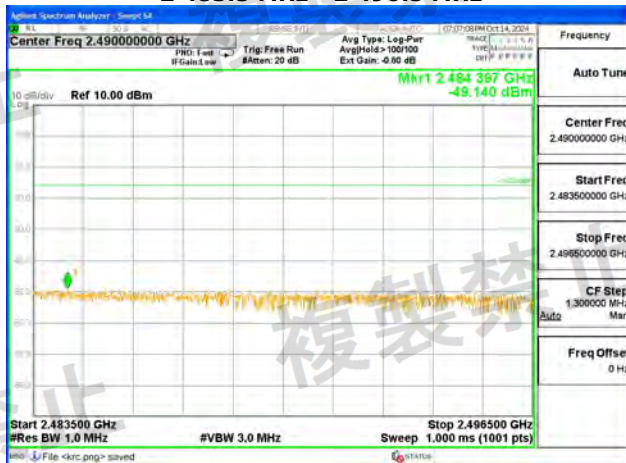
30 MHz – 2 387 MHz



2 387 MHz – 2 400 MHz



2 483.5 MHz - 2 496.5 MHz



2 496.5 MHz – 12 500 MHz





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Gyeonggi-do, 449-100, Korea
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Fax: +82-31-624-9501

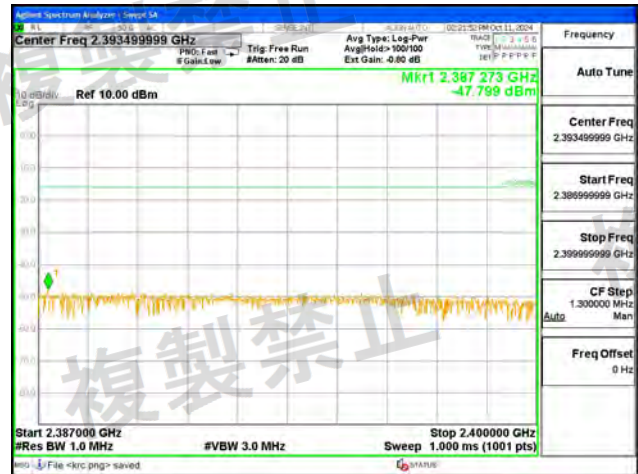
Report No.:
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Ch.39: 2 440 MHz

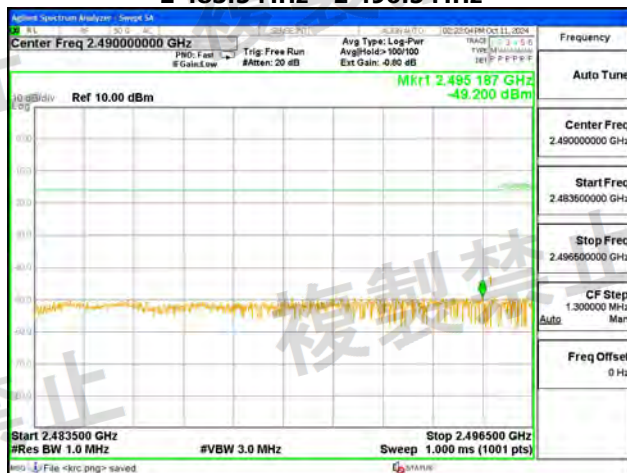
30 MHz – 2 387 MHz



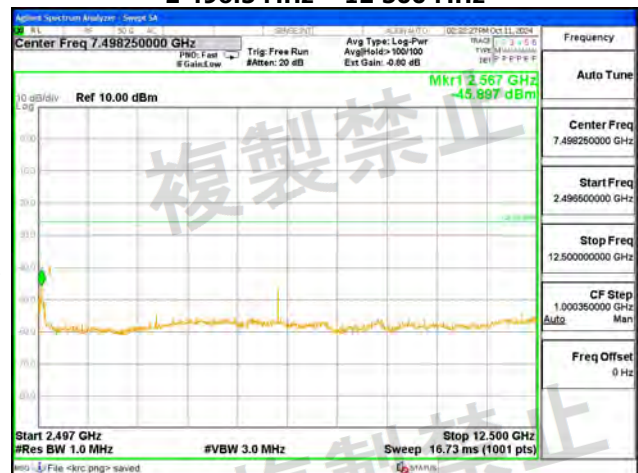
2 387 MHz – 2 400 MHz



2 483.5 MHz - 2 496.5 MHz



2 496.5 MHz – 12 500 MHz

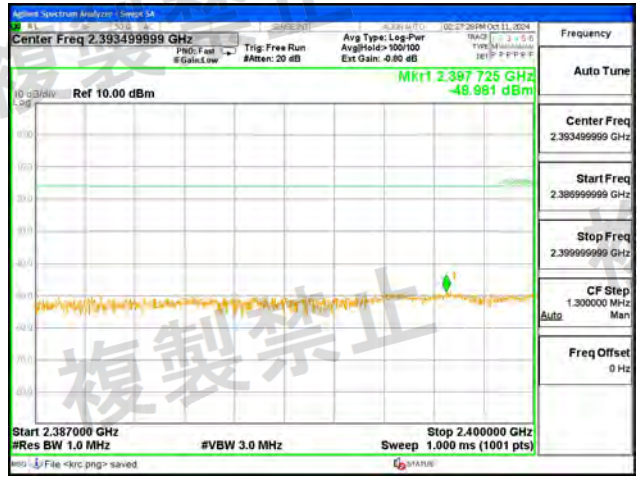


Ch.79: 2 480 MHz

30 MHz – 2 387 MHz



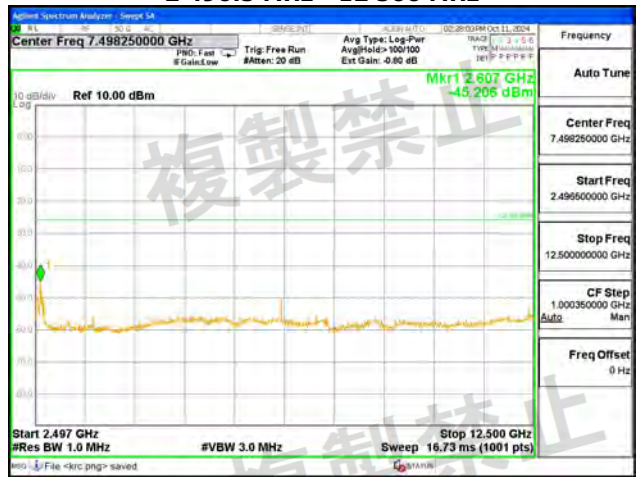
2 387MHz – 2 400 MHz



2 483.5 MHz – 2 496.5 MHz

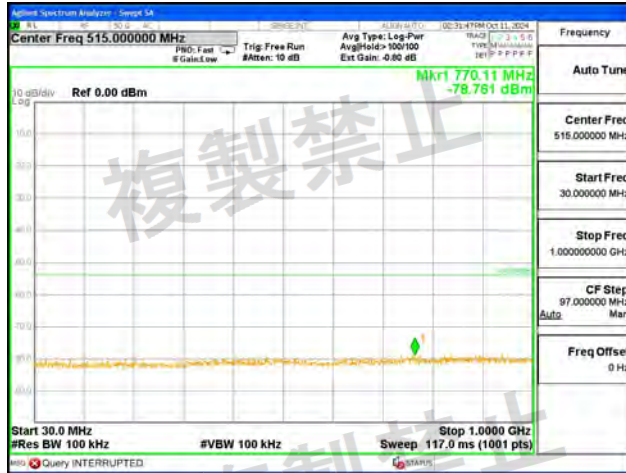


2 496.5 MHz - 12 500 MHz

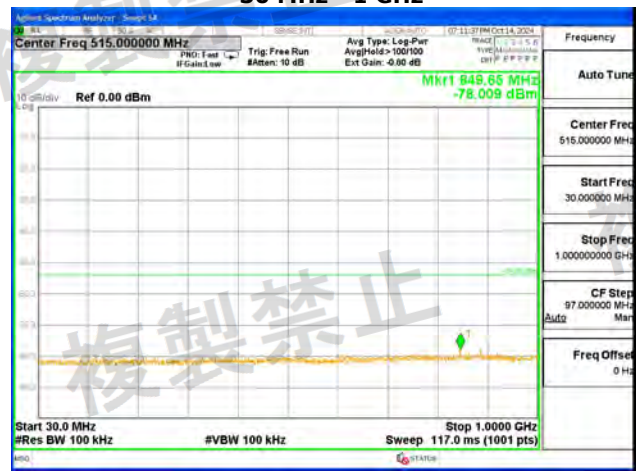


Receiver Spurious Emission

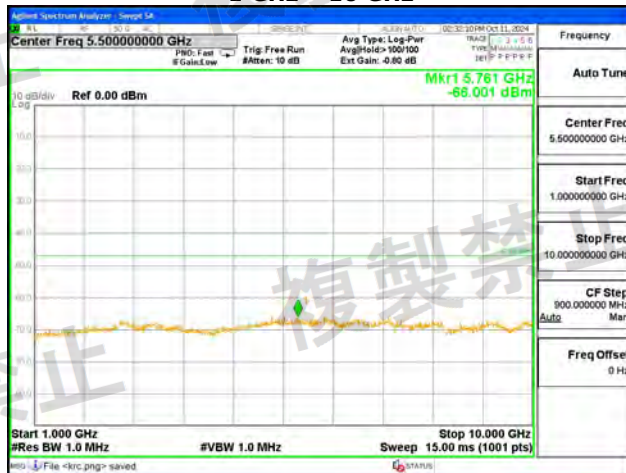
Ch.0: 2 401 MHz
30 MHz – 1 GHz



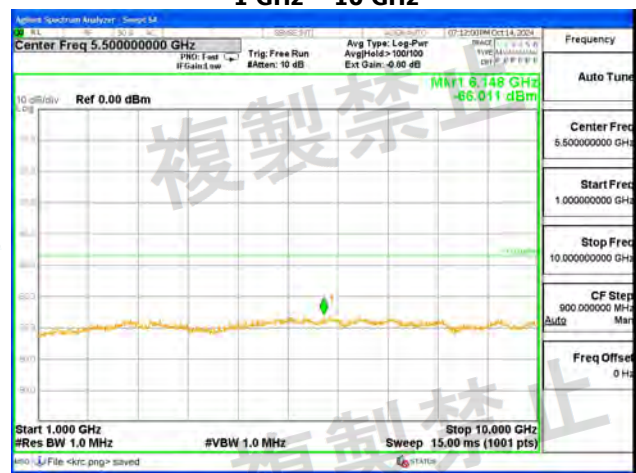
Ch.1: 2 402 MHz
30 MHz – 1 GHz



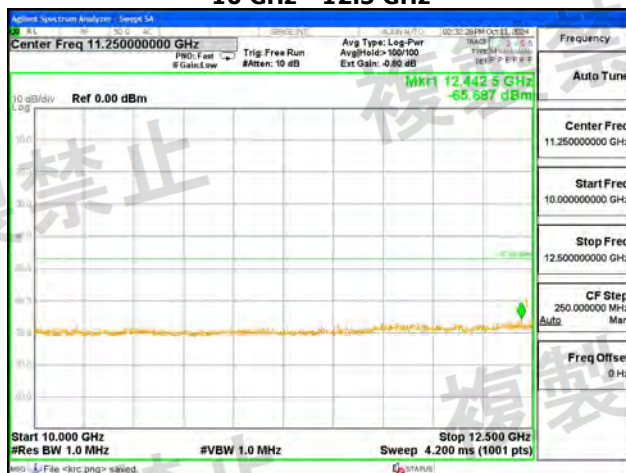
1 GHz – 10 GHz



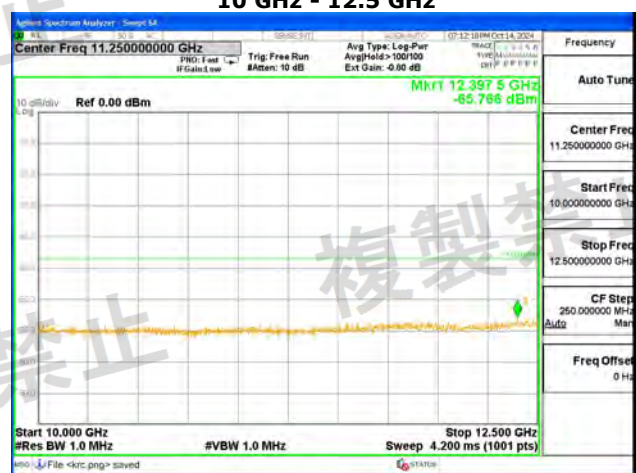
1 GHz – 10 GHz



10 GHz – 12.5 GHz



10 GHz – 12.5 GHz





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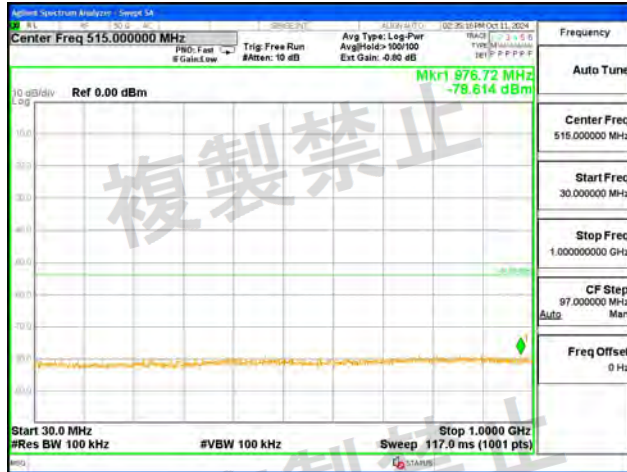
Report No.:

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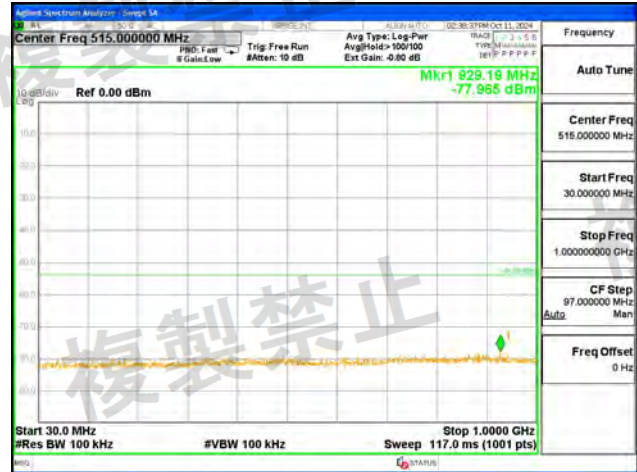
Ch.39: 2 440 MHz

30 MHz - 1 GHz

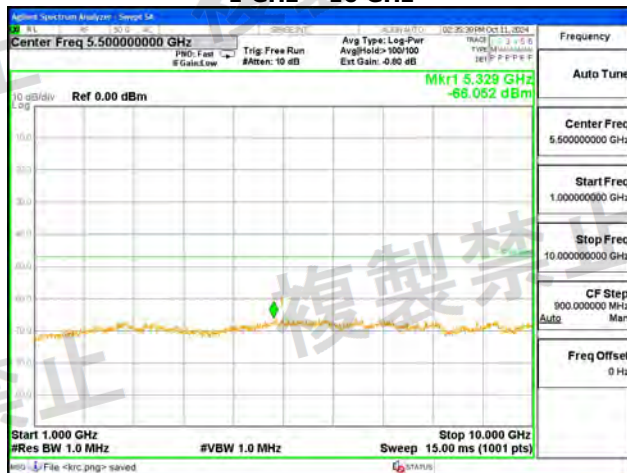


Ch.79: 2 480 MHz

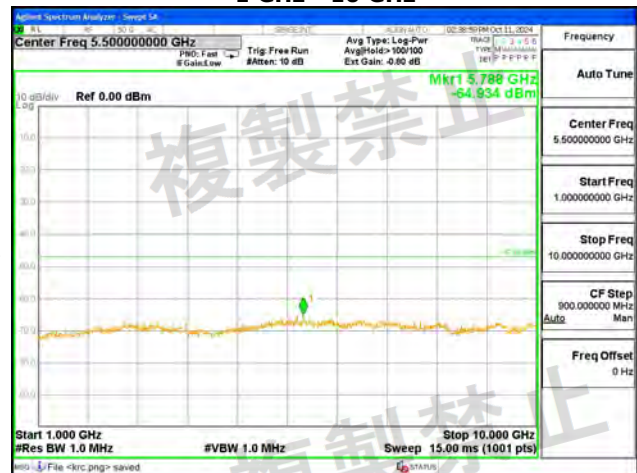
30 MHz - 1 GHz



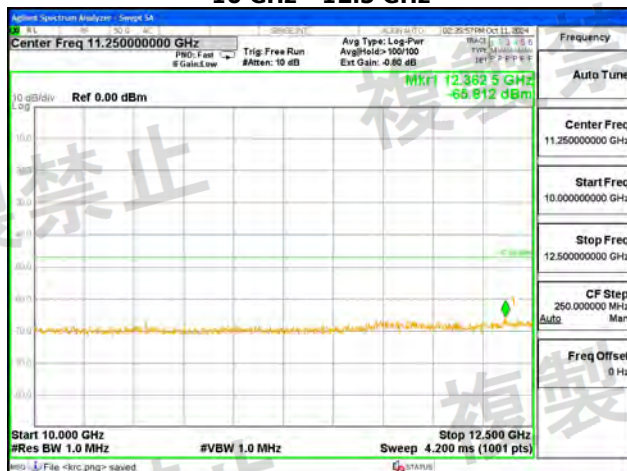
1 GHz - 10 GHz



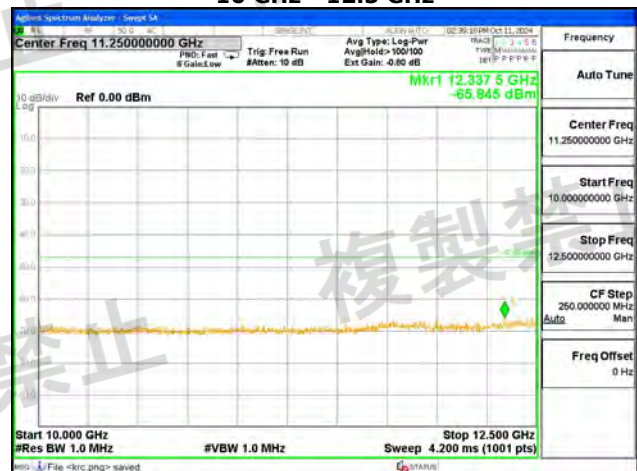
1 GHz - 10 GHz



10 GHz - 12.5 GHz



10 GHz - 12.5 GHz





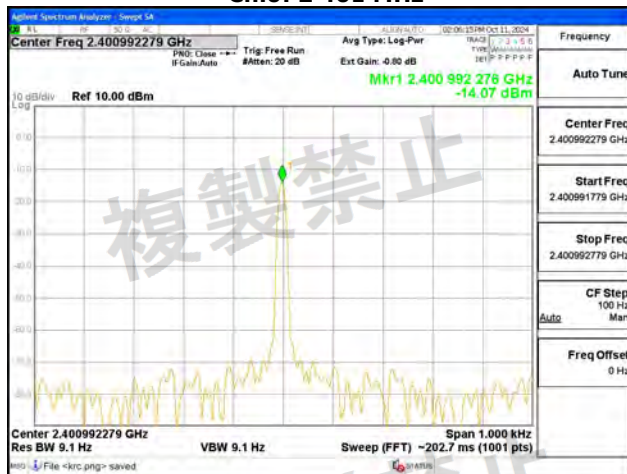
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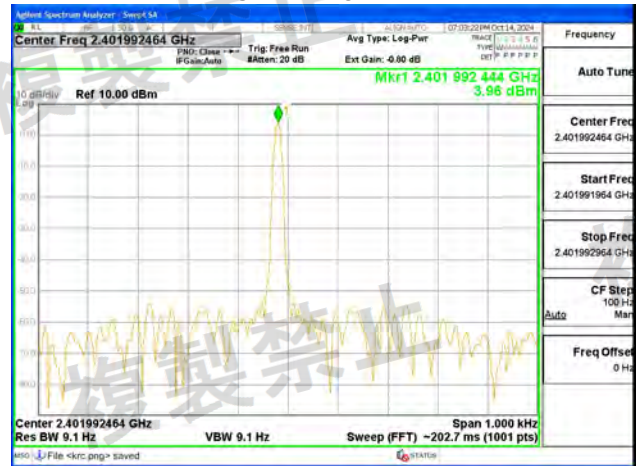
Report No.:
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Test Mode : DC 2.7 V Frequency tolerance

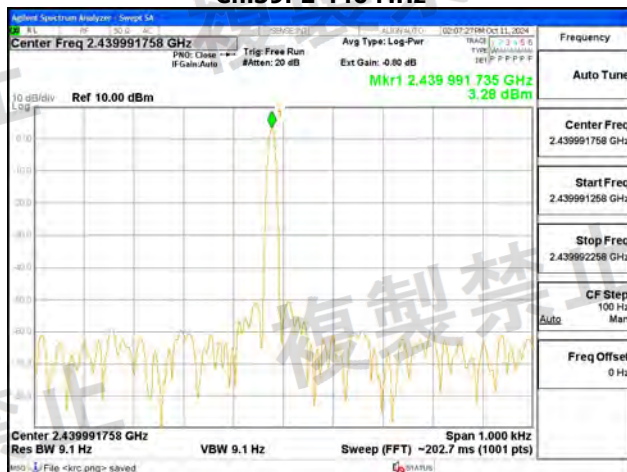
Ch.0: 2 401 MHz



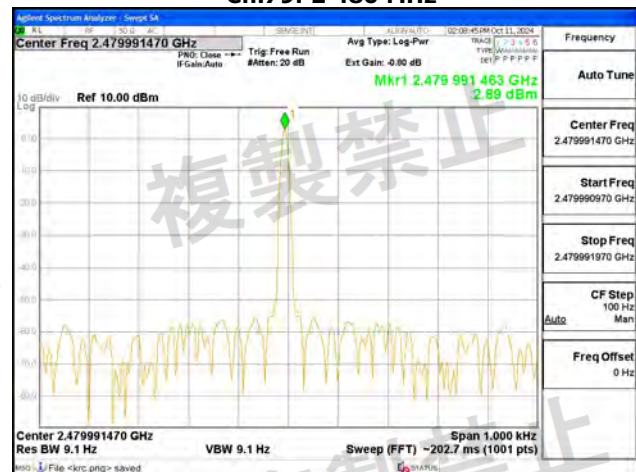
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz

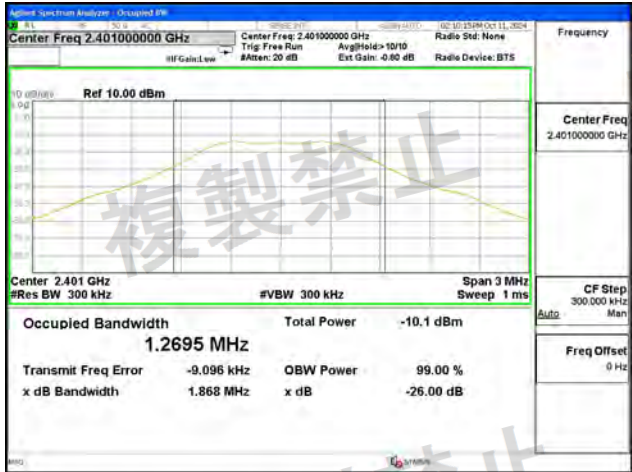


Ch.79: 2 480 MHz

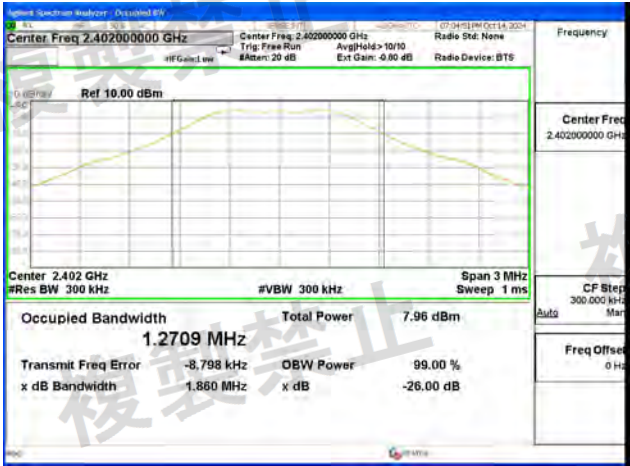


Occupied bandwidth

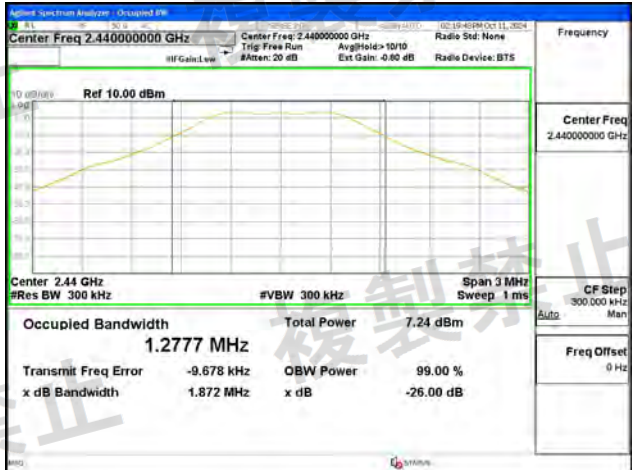
Ch.0: 2 401 MHz



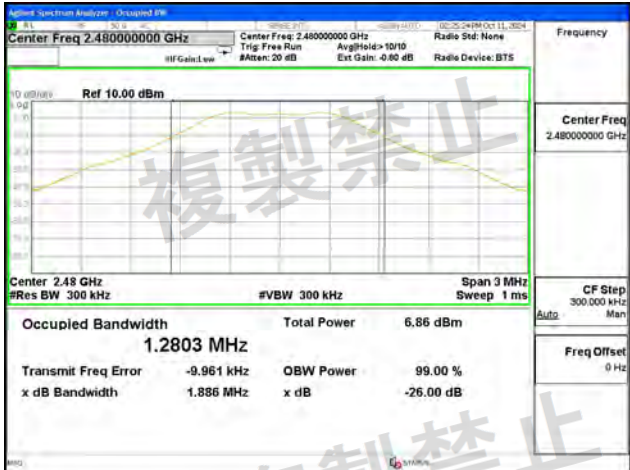
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





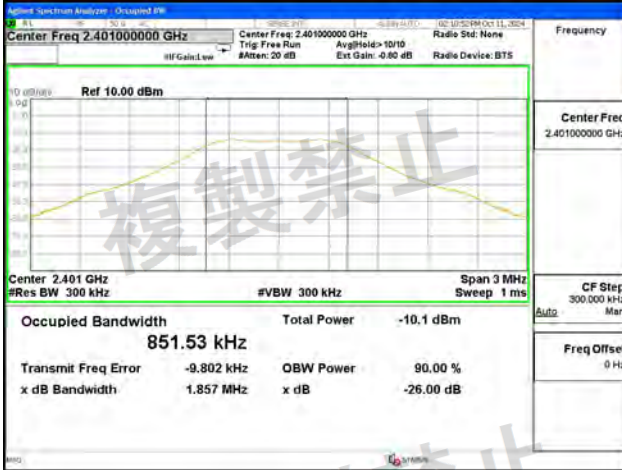
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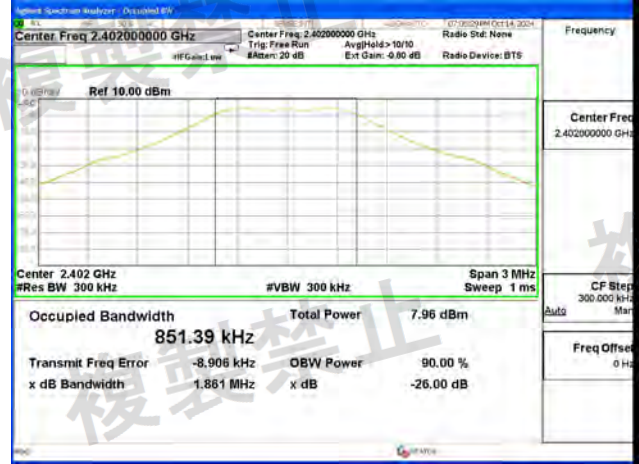
Report No.:
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Spread bandwidth

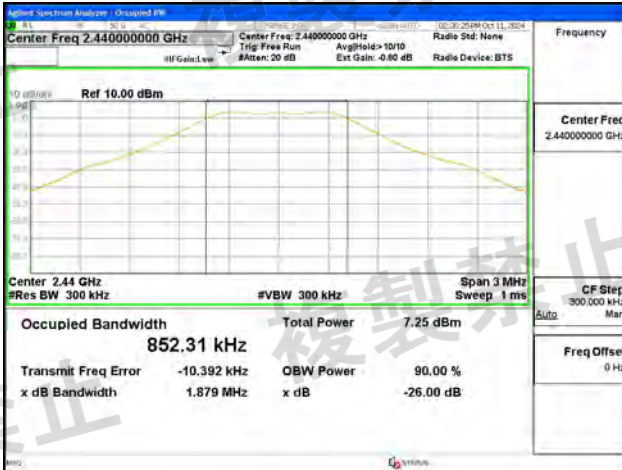
Ch.0: 2 401 MHz



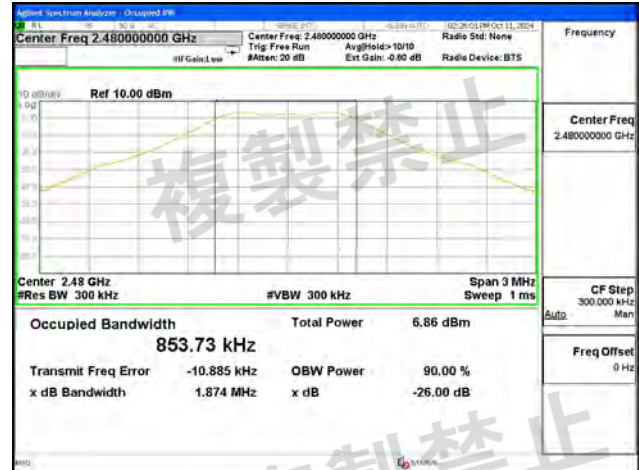
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz





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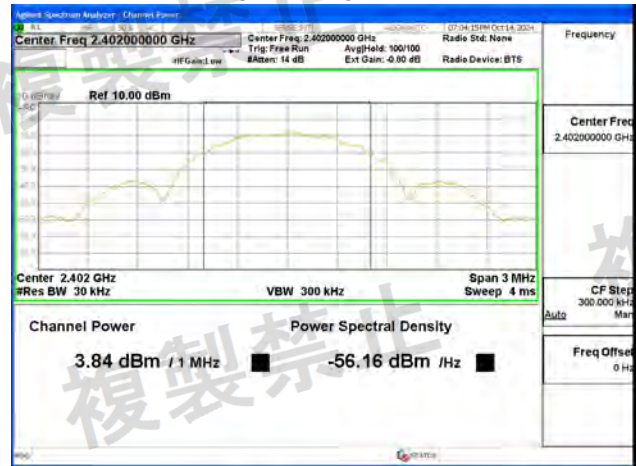
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RF output power

Ch.0: 2 401 MHz



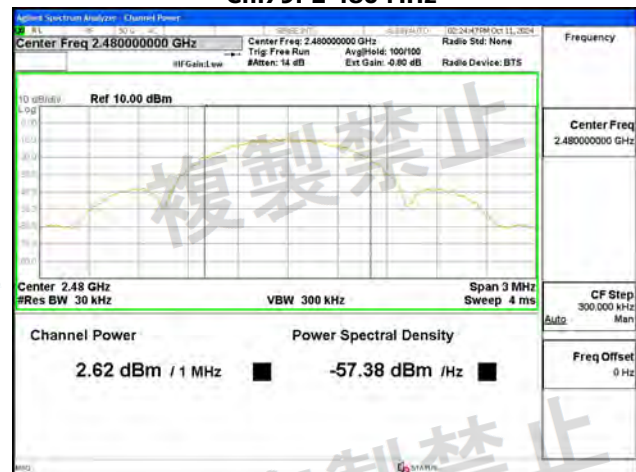
Ch.1: 2 402 MHz



Ch.39: 2 440 MHz



Ch.79: 2 480 MHz



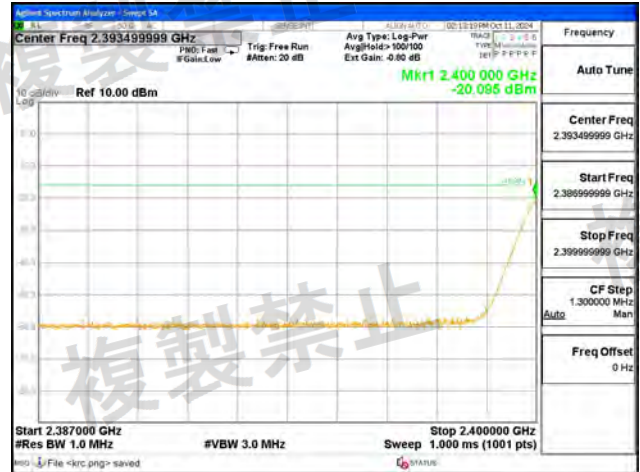
Unwanted(Spurious) emission

Ch.0: 2 401 MHz

30 MHz – 2 387 MHz



2 387 MHz – 2 400 MHz



2 483.5 MHz - 2 496.5 MHz



2 496.5 MHz – 12 500 MHz





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Gyeonggi-do, 449-100, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

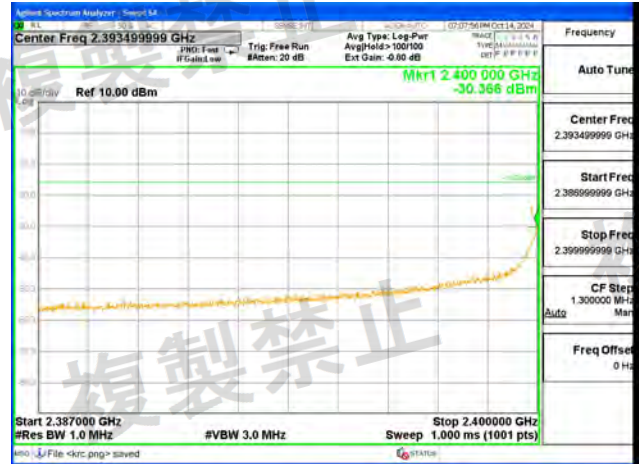
Report No.:
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Ch.1: 2 402 MHz

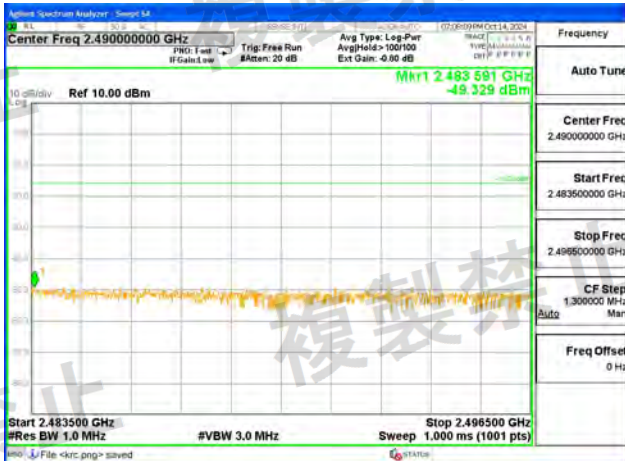
30 MHz – 2 387 MHz



2 387 MHz – 2 400 MHz



2 483.5 MHz - 2 496.5 MHz



2 496.5 MHz – 12 500 MHz





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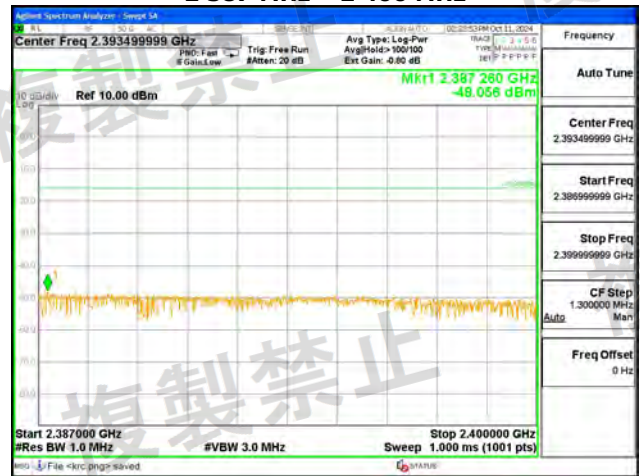
Report No.:
CTK-2024-03366
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Ch.39: 2 440 MHz

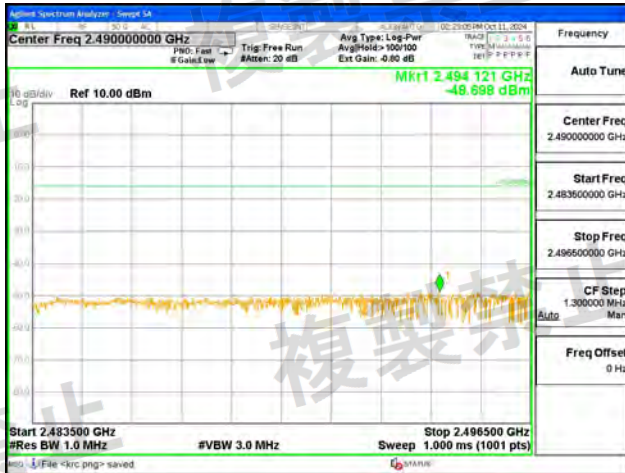
30 MHz – 2 387 MHz



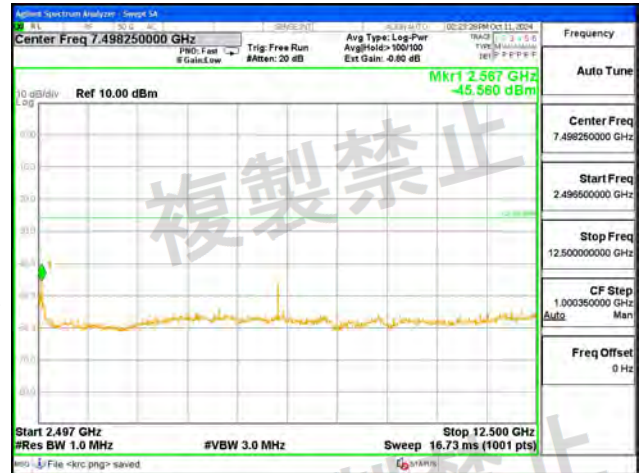
2 387 MHz – 2 400 MHz



2 483.5 MHz - 2 496.5 MHz



2 496.5 MHz – 12 500 MHz





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Gyeonggi-do, 449-100, Korea
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Fax: +82-31-624-9501

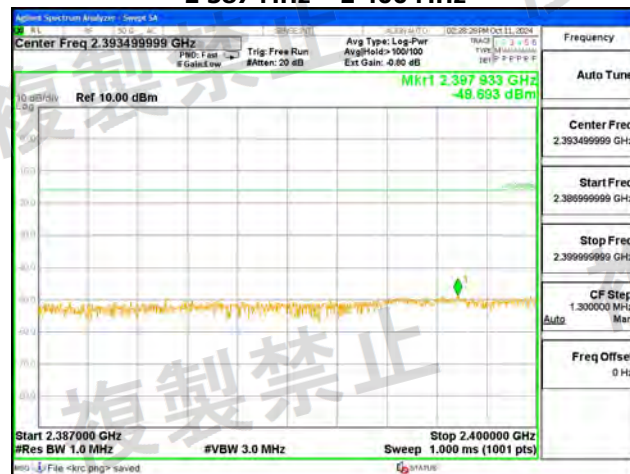
Report No.:
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Ch.79: 2 480 MHz

30 MHz – 2 387 MHz



2 387 MHz – 2 400 MHz



2 483.5 MHz – 2 496.5 MHz



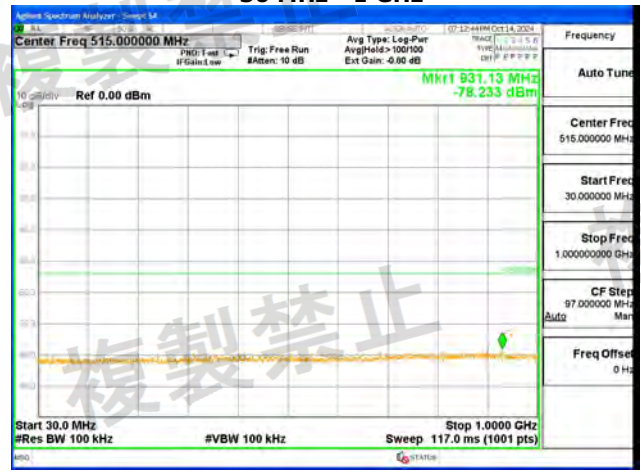
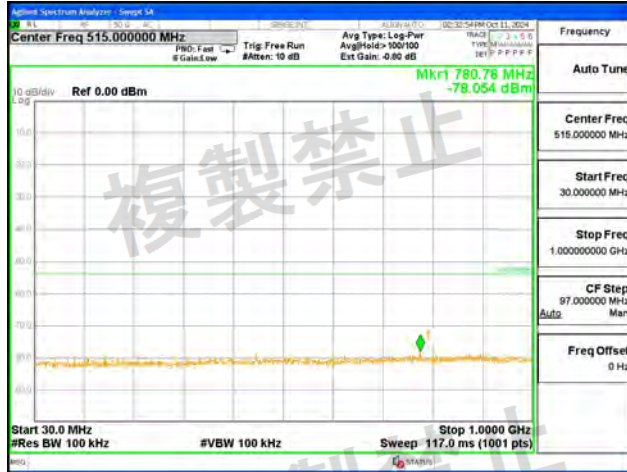
2 496.5 MHz – 12 500 MHz



Receiver Spurious Emission

Ch.0: 2 401 MHz
30 MHz – 1 GHz

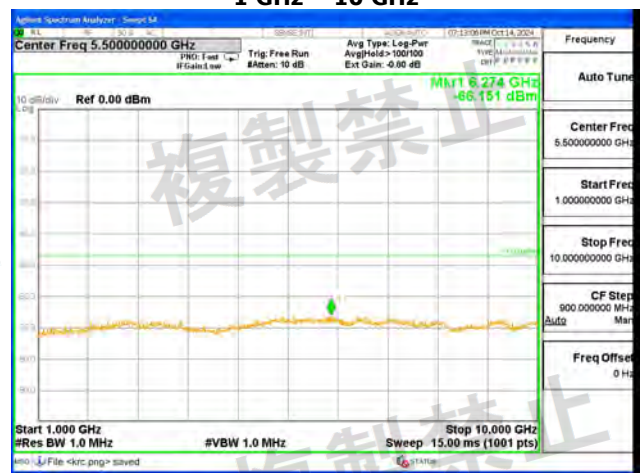
Ch.1: 2 402 MHz
30 MHz - 1 GHz



1 GHz – 10 GHz



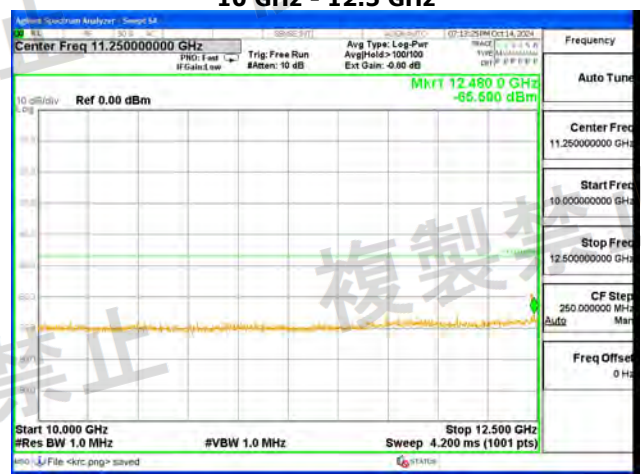
1 GHz – 10 GHz



10 GHz - 12.5 GHz



10 GHz - 12.5 GHz





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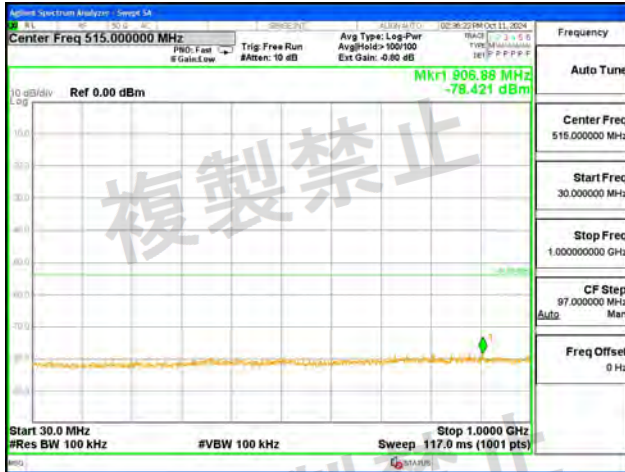
(Ho-dong), 113, Yejik-ro, Cheoin-gu, Yongin-si,
Gyeonggi-do, 449-100, Korea
Tel: +82-31-339-9970
Fax: +82-31-624-9501

Report No.:

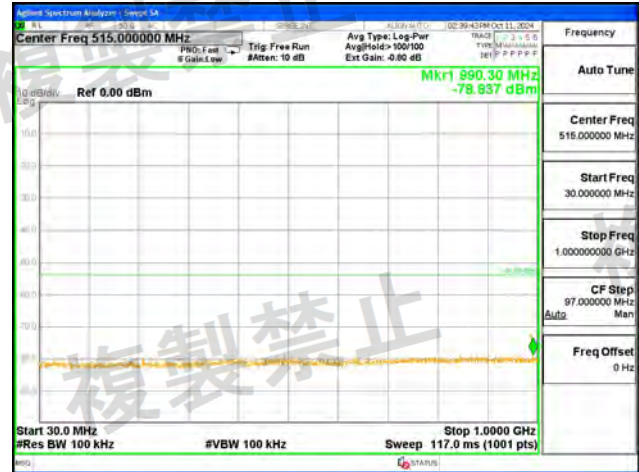
CTK-2024-03366

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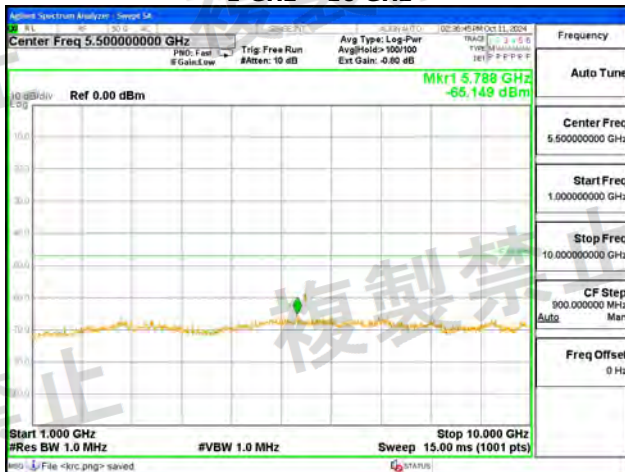
**Ch.39: 2 440 MHz
30 MHz - 1 GHz**



**Ch.79: 2 480 MHz
30 MHz - 1 GHz**



1 GHz - 10 GHz



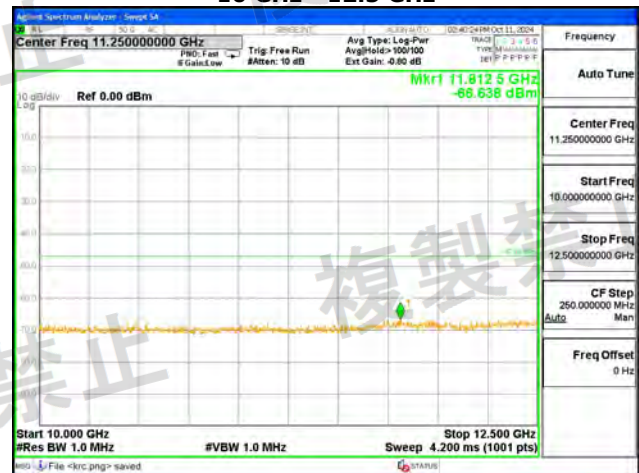
1 GHz - 10 GHz



10 GHz - 12.5 GHz



10 GHz - 12.5 GHz



-END-