

TEST REPORT

Report number : KR25-SRT0025

Issue date : 2025-12-23

Applicant : VC Inc.
23, Teheran-ro 108-gil, Gangnam-gu,
Seoul, Republic of Korea
TEL : +82 2-538-3100
FAX : +82 2-538-3104

Equipment under test (EUT) : SWING CADDIE

Model name : SC200PLUS+

Test procedure : 特小移動体検知センサー (24.15GHz)
特定無線設備の技術基準適合証明等に関する規則
第2条第1項第8号の無線設備

Test method : 総務省告示第88号別表第22第16(告示13項)

Date of test : 2025-12-09 ~ 2025-12-16

Test place : Eurofins KCTL Co., Ltd.
65 Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-
do, Korea

Test results : PASS

The results in this report are applicable only to the equipment tested.

This report shall not be re-produced except in full without the written approval of **Eurofins KCTL Co., Ltd.**

Eurofins KCTL Co., Ltd. is in compliance with KS Q ISO 17025.

Tested by;



Youngju Jo

Approved by;



Euijung Kim

1. Summary of Test

1. Purpose of test

Ordinance on Technical Standards Conformity Certification of Specified Radio Equipment
24.15 GHz Band Moving object detection sensor

2. Standards

Certification Ordinance 23 証明規則第2条第1項第8号に掲げる無線設備, 同号第13項に該当する無線設備

1) Test Methods

Ministry of Internal Affairs and Communications Notification Article 23 Appendix 22-16

2) Deviation from standards

None

3. List of applied test to the EUT

Article 23 Appendix 22-16	Classification of EUT	Condition	Result
4	Frequency Tolerance	Radiated	PASS
4	Occupied Bandwidth	Radiated	PASS
6	RF Output Power Tolerance	Radiated	PASS
5	Unwanted (Spurious) Emission Strength	Radiated	PASS
7	Secondarily Emitted Radio Wave Strength	Radiated	N/T

1) Note : If you can not only received in the operational state of the device, and are not tested.

2) Test set up

Table-Top

3) Modification to the EUT by laboratory

None

1. Test Information

1. Applicant

VC Inc.

23, Teheran-ro 108-gil, Gangnam-gu, Seoul, Republic of Korea

2. Equipment under test

SWING CADDIE

3. Model number

SC200PLUS+

4. Serial number

SC20PG2501001

5. Size

(W) 77.0 mm x (D) 25.0 mm x (H) 150.0 mm

6. Terminal limitation

-10°C to 50°C

7. RF Specification Frequency range

24.05 to 24.25 GHz

8. Number of RF Channels

1 Channel

9. Modulation method

CW

10. Data rate

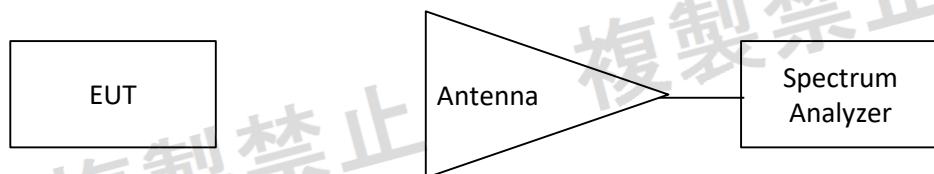
None

11. Variation of the family model(s)

None

2. Configuration of equipment

1. Frequency tolerance, Occupied bandwidth, Unwanted(Spurious) Emission Strength, RF Output Power



3. Test results (Rated voltage)

S/N : N/A

Environment of test room	Date of test	2025-12-12	2025-12-15	2025-12-16
	Temperature	23.5 °C	23.1 °C	22.9 °C
	Humidity	51.5 %	49.7 %	55.5 %

Peak Antenna Gain	9.14	dBi
Declaration Output Power	0.60	mW
	-2.22	dBm
E.I.R.P.	6.92	dBm
Input Power Voltage	3.00	VDC

Tested Circuit Insertion Loss		0	dB
Transmission Time	ON TIME (1sec or less)	-Not applicable-	sec
	OFF TIME (0.1sec or more)	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Test category ;	Specified low power radio equipment (Moving body detection sensors)
The reason why the tests are performed only at rated voltage;	

Channel Number			Ch.	1	Result	Limit	Note
Frequency Measurements			GHz	24.21	---	---	
Frequency Tolerance	Normal state	Lower	GHz	24.2092	PASS	24.05GHz or more	
		Upper		24.2140	PASS	24.25GHz or below	
	After the vibration test	Lower	GHz	24.2052	PASS	24.05GHz or more	
		Upper		24.2100	PASS	24.25GHz or below	
	After the test temperature (-10 °C)	Lower	GHz	24.2436	PASS	24.05GHz or more	
		Upper		24.2484	PASS	24.25GHz or below	
	After the test temperature (50 °C)	Lower	GHz	24.1736	PASS	24.05GHz or more	
		Upper		24.1784	PASS	24.25GHz or below	
	After the humidity test 35 °C、-95%	Lower	GHz	24.1932	PASS	24.05GHz or more	
		Upper		24.1980	PASS	24.25GHz or below	
Occupied Bandwidth			MHz	4.7952	PASS	200MHz or below	
RF Output Power			mW	0.577	PASS	20mW or below	
RF Output Power Tolerance			%	-3.872	PASS	+50 to -50%	
Unwanted (Spurious) Emission Strength	30 to 1000MHz	uW	0.000036	PASS	2.5uW or below		
		MHz	69.7700	----			
	1 to 18GHz	uW	0.000368	PASS	2.5uW or below		
		MHz	17264.1660	----			
	18 to 23.65GHz	uW	0.000569	PASS	2.5uW or below		
		MHz	18904.0000	----			
	24.65GHz to 40GHz	uW	0.001172	PASS	2.5uW or below		
		MHz	35242.000	----			
	40GHz to 49GHz *4	uW		PASS	2.5uW or below		
		MHz		----			
23.65 to 24.65GHz *1	uW	0.000325	PASS	2.5uW or below			
	MHz	23823.000	----				
Secondarily Emitted Radio Wave Strength (RX Spurious Emission)	30 to 1000MHz *3	uW		PASS	2.5uW or below		
		MHz		----			
	1 to 18GHz *3	uW		PASS	2.5uW or below		
		MHz		----			
	18 to 40GHz *3	uW		PASS	2.5uW or below		
		MHz		----			
	40 to 49GHz *3, *4	uW		PASS	2.5uW or below		
		MHz		----			

*1: Except to 24.25GHz from 24.05GHz.

*2: If not the state of the non-modulated continuous wave in the operational state of the device does not perform the measurement.

*3: If you can not only received in the operational state of the device, and are not tested.

*4: No spurious detected.

*5 The test was performed in the Fully-Anechoic Chamber(FAC) to which the substitution method was applied.

3. Test results (-10% voltage)

S/N : N/A

Environment of test room	Date of test	2025-12-12	2025-12-15	2025-12-16
	Temperature	23.5 °C	23.1 °C	22.9 °C
	Humidity	51.5 %	49.7 %	55.5 %

Peak Antenna Gain	9.14	dBi
Declaration Output Power	0.60	mW
	-2.22	dBm
E.I.R.P.	6.92	dBm
Input Power Voltage	2.70	VDC

Tested Circit Insertion Loss		0	dB
Transmission Time	ON TIME (1sec or less)	-Not applicable-	sec
	OFF TIME (0.1sec or more)	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Test category ;	Specified low power radio equipment (Moving body detection sensors)
The reason why the tests are performed only at rated voltage;	

Channel Number			Ch.	1	Result	Limit	Note
Frequency Measurements			GHz	24.21	---	---	
Frequency Tolerance	Normal state	Lower	GHz	24.2100	PASS	24.05GHz or more	
		Upper		24.2148	PASS	24.25GHz or below	
	After the vibration test	Lower	GHz	24.2060	PASS	24.05GHz or more	
		Upper		24.2104	PASS	24.25GHz or below	
	After the test temperature (-10 °C)	Lower	GHz	24.2436	PASS	24.05GHz or more	
		Upper		24.2488	PASS	24.25GHz or below	
	After the test temperature (50 °C)	Lower	GHz	24.1736	PASS	24.05GHz or more	
		Upper		24.1784	PASS	24.25GHz or below	
	After the humidity test 35 °C、-95%	Lower	GHz	24.1932	PASS	24.05GHz or more	
		Upper		24.1980	PASS	24.25GHz or below	
Occupied Bandwidth			MHz	4.795	PASS	200MHz or below	
RF Output Power			mW	0.581	PASS	20mW or below	
RF Output Power Tolerance			%	-3.206	PASS	+50 to -50%	
Unwanted (Spurious) Emission Strength	30 to 1000MHz	uW	0.000046	PASS	2.5uW or below		
		MHz	47.654	----			
	1 to 18GHz	uW	0.000423	PASS	2.5uW or below		
		MHz	17269.396	----			
	18 to 23.65GHz	uW	0.000441	PASS	2.5uW or below		
		MHz	18694.950	----			
	24.65GHz to 40GHz	uW	0.000536	PASS	2.5uW or below		
		MHz	27520.000	----			
	40GHz to 49GHz *4	uW		PASS	2.5uW or below		
		MHz		----			
23.65 to 24.65GHz *1	uW	0.000372	PASS	2.5uW or below			
	MHz	23822.000	----				
Secondarily Emitted Radio Wave Strength (RX Spurious Emission)	30 to 1000MHz *3	uW		PASS	2.5uW or below		
		MHz		----			
	1 to 18GHz *3	uW		PASS	2.5uW or below		
		MHz		----			
	18 to 40GHz *3	uW		PASS	2.5uW or below		
		MHz		----			
40 to 49GHz *3, *4	uW		PASS	2.5uW or below			
	MHz		----				

*1: Except to 24.25GHz from 24.05GHz.

*2: If not the state of the non-modulated continuous wave in the operational state of the device does not perform the measurement.

*3: If you can not only received in the operational state of the device, and are not tested.

*4: No spurious detected.

*5 The test was performed in the Fully-Anechoic Chamber(FAC) to which the substitution method was applied.

3. Test results (+10% voltage)

S/N : N/A

Environment of test room	Date of test	2025-12-12	2025-12-15	2025-12-16
	Temperature	23.5 °C	23.1 °C	22.9 °C
	Humidity	51.5 %	49.7 %	55.5 %

Peak Antenna Gain	9.14	dBi
Declaration Output Power	0.60	mW
	-2.22	dBm
E.I.R.P.	6.92	dBm
Input Power Voltage	3.30	VDC

Tested Circit Insertion Loss		0	dB
Transmission Time	ON TIME (1sec or less)	-Not applicable-	sec
	OFF TIME (0.1sec or more)	-Not applicable-	sec
	Ratio	-Not applicable-	%
Packet Type (Mode)		-Not applicable-	mode

Test category ;	Specified low power radio equipment (Moving body detection sensors)
The reason why the tests are performed only at rated voltage;	

Channel Number			Ch.	1	Result	Limit	Note
Frequency Measurements			GHz	24.21	---	---	
Frequency Tolerance	Normal state	Lower	GHz	24.2096	PASS	24.05GHz or more	
		Upper		24.2144	PASS	24.25GHz or below	
	After the vibration test	Lower	GHz	24.2056	PASS	24.05GHz or more	
		Upper		24.2104	PASS	24.25GHz or below	
	After the test temperature (-10 °C)	Lower	GHz	24.2436	PASS	24.05GHz or more	
		Upper		24.2480	PASS	24.25GHz or below	
	After the test temperature (50 °C)	Lower	GHz	24.1740	PASS	24.05GHz or more	
		Upper		24.1784	PASS	24.25GHz or below	
	After the humidity test 35 °C、-95%	Lower	GHz	24.1936	PASS	24.05GHz or more	
		Upper		24.1980	PASS	24.25GHz or below	
Occupied Bandwidth			MHz	4.795	PASS	200MHz or below	
RF Output Power			mW	0.581	PASS	20mW or below	
RF Output Power Tolerance			%	-3.206	PASS	+50 to -50%	
Unwanted (Spurious) Emission Strength	30 to 1000MHz	uW		0.000035	PASS	2.5uW or below	
		MHz		48.430	----		
	1 to 18GHz	uW		0.000485	PASS	2.5uW or below	
		MHz		16809.938	----		
	18 to 23.65GHz	uW		0.000459	PASS	2.5uW or below	
		MHz		18531.100	----		
	24.65GHz to 40GHz	uW		0.001782	PASS	2.5uW or below	
		MHz		36331.000	----		
	40GHz to 49GHz *4	uW			PASS	2.5uW or below	
		MHz			----		
23.65 to 24.65GHz *1	uW		0.000345	PASS	2.5uW or below		
	MHz		23882.000	----			
Secondarily Emitted Radio Wave Strength (RX Spurious Emission)	30 to 1000MHz *3	uW			PASS	2.5uW or below	
		MHz			----		
	1 to 18GHz *3	uW			PASS	2.5uW or below	
		MHz			----		
	18 to 40GHz *3	uW			PASS	2.5uW or below	
		MHz			----		
	40 to 49GHz *3, *4	uW			PASS	2.5uW or below	
		MHz			----		

*1: Except to 24.25GHz from 24.05GHz.

*2: If not the state of the non-modulated continuous wave in the operational state of the device does not perform the measurement.

*3: If you can not only received in the operational state of the device, and are not tested.

*4: No spurious detected.

*5 The test was performed in the Fully-Anechoic Chamber(FAC) to which the substitution method was applied.

4. Measurement equipment list

USE	Equipment	Company	Model No.	Serial No.	Calibrated by	Cal. Method	Cal. Due	Cal. Date
X	Bilog Antenna	Teseq GmbH	CBL 6112D	62027	HCT	ハ(c)	2026-10-17	2025-10-17
X	Bilog Antenna	Teseq GmbH	CBL 6143A	35039	HCT	ハ(c)	2026-05-12	2025-05-12
X	Horn Antenna	ETS-LINDGREN	3117	00246058	HCT	ハ(c)	2026-01-21	2025-01-21
X	Horn Antenna	ETS-LINDGREN	3117	00251528	HCT	ハ(c)	2026-01-21	2025-01-21
X	Horn Antenna	ETS-LINDGREN	3116C	251516	HCT	ハ(c)	2026-01-20	2025-01-20
X	Horn Antenna	ETS.Lindgren	3116	00086635	HCT	ハ(c)	2026-01-21	2025-01-21
X	LOW NOISE AMPLIFIER	L-3 Narda-MITEQ	LNAS-50-18004000-33-5P	2210092	HCT	ハ(c)	2026-04-29	2025-04-29
X	Amplifier	C&K Technologies, Inc.	BZRT-00504000-481055-382525	26299-27735	HCT	ハ(c)	2026-04-30	2025-04-30
X	Amplifier	SONOMA INSTRUMENT	310N	421822	HCT	ハ(c)	2026-09-29	2025-09-29
X	PXA Signal Analyzer	KEYSIGHT	N9040B	US56050101	HCT	ハ(c)	2026-09-29	2025-09-29
X	Spectrum Analyzer	R&S	FSV30	100732	HCT	ハ(c)	2026-07-01	2025-07-01
X	UXA Signal Analyzer	KEYSIGHT	N9041B	MY60100003	HCT	ハ(c)	2026-01-21	2025-01-21
X	Spectrum Analyzer	AGILENT	N9040B	MY57010132	HCT	ハ(c)	2026-09-29	2025-09-29
X	Horn Antenna	OML, Inc.	M19RH	190621-1	HCT	ハ(c)	2026-10-02	2025-10-02
X	Horn Antenna	OML, Inc.	M19RH	190621-2	HCT	ハ(c)	2026-10-02	2025-10-02
X	Millimeter Wave Source Module	OML, Inc.	S19MS-A	190725-1	HCT	ハ(c)	2026-10-10	2025-10-10
X	Signal Generator	R&S	SMB100A	176206	HCT	ハ(c)	2026-01-17	2025-01-17
X	Temp & Humid Chamber	Myeongseong R&P	CTHC-50P-DT	20150824-1	HCT	ハ(c)	2026-09-29	2025-09-29
X	DC Power Supply	AGILENT	E3632A	KR75304571	HCT	ハ(c)	2026-04-23	2025-04-23
X	mmWave Single-Axis measuring jig	C&K Technologies, Inc.	N/A	MWJ01	HCT	ハ(c)	N/A	N/A
X	Single-Axis Control Driver & Power Supply	C&K Technologies, Inc.	DACD&P-4801	0001	HCT	ハ(c)	N/A	N/A
X	Antenna Mast	MATURO	EAS 1.5	042/8941211	HCT	ハ(c)	N/A	N/A
X	Antenna Mast	MATURO	EAS 1.5	043/8941211	HCT	ハ(c)	N/A	N/A
X	Turn Table	MATURO	TT 0.8 PF	041/8941211	HCT	ハ(c)	N/A	N/A
X	Controller	innco systems GmbH	CO3000	CO3000/1175/45850319/P	HCT	ハ(c)	N/A	N/A

Note1: "X" used equipment.

Note2: The validity of measurement equipment is one year from the first day of the following month of the calibration date.

Note3: Cal.Method ... a) : 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~.

b) : 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~

c) : 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~.

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

5. Uncertainty

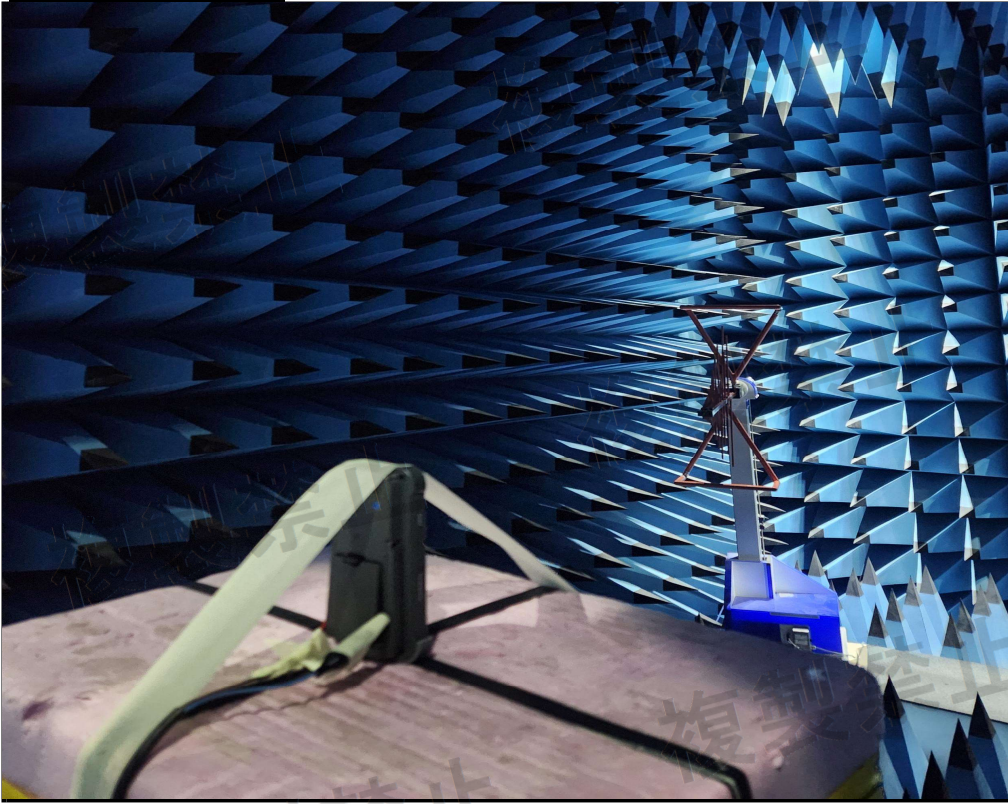
About uncertainty of measured value

Parameter	Uncertainty
Total RF power radiated	$\pm 2.6\text{dB}$
Spurious emissions radiated(30MHz to 1000MHz)	$\pm 2.5\text{dB}$
Spurious emissions radiated(1GHz to 18GHz)	$\pm 2.5\text{dB}$
Spurious emissions radiated(Above 18GHz)	$\pm 2.6\text{dB}$
Temperature	$\pm 1.0^{\circ}\text{C}$
Humidity	$\pm 3.8\%$

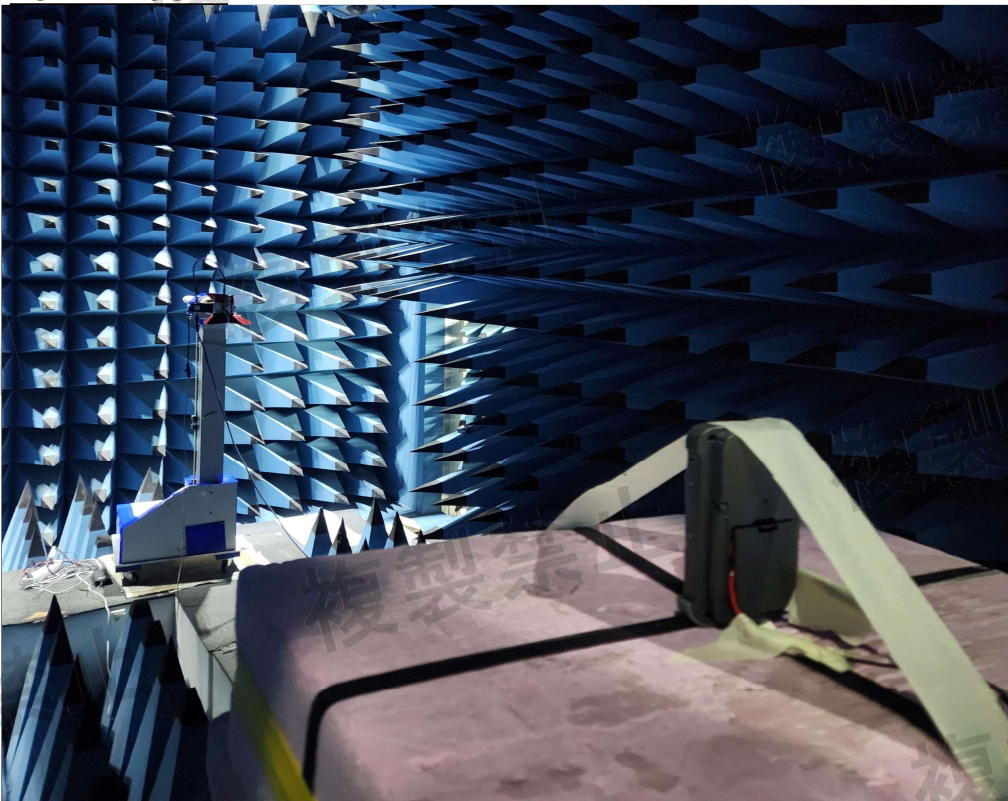
Judge	Measured value and standard limit value	
PASS	Standard limit value Case1 Even if it takes uncertainty into consideration, a standard limit value is fulfilled.	
	Case2 Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration.	
FAIL	Case3 Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.	
	Case4 Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.	

6. Photographs

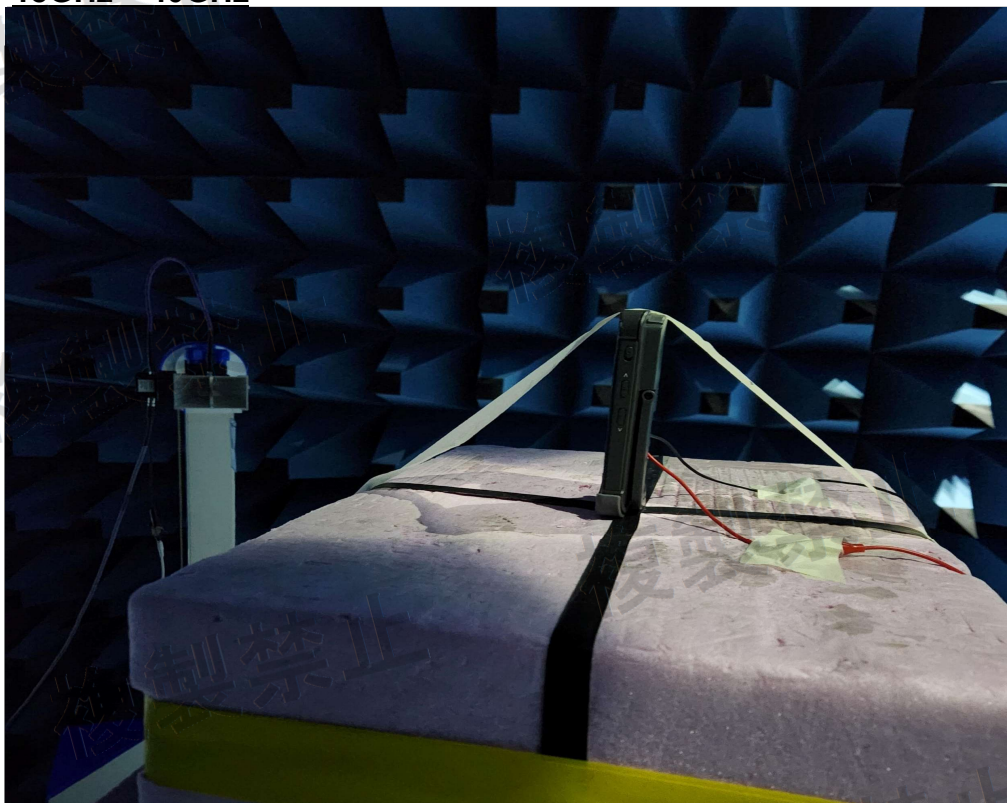
30MHz ~ 1000MHz



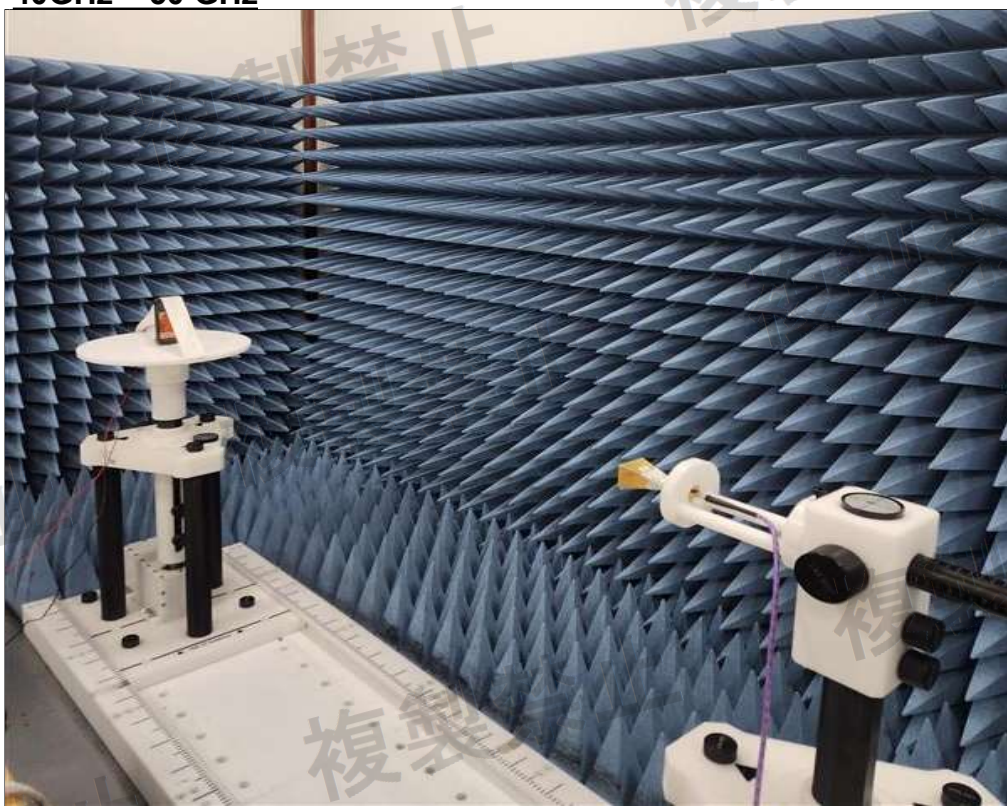
1GHz ~ 18GHz



18GHz ~ 40GHz

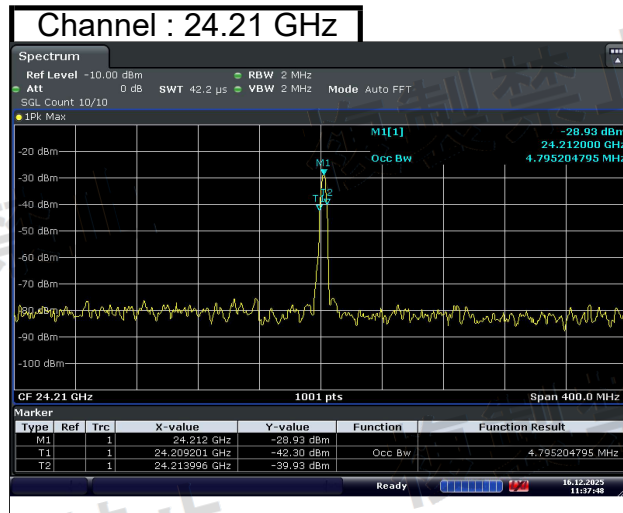


40GHz ~ 50 GHz

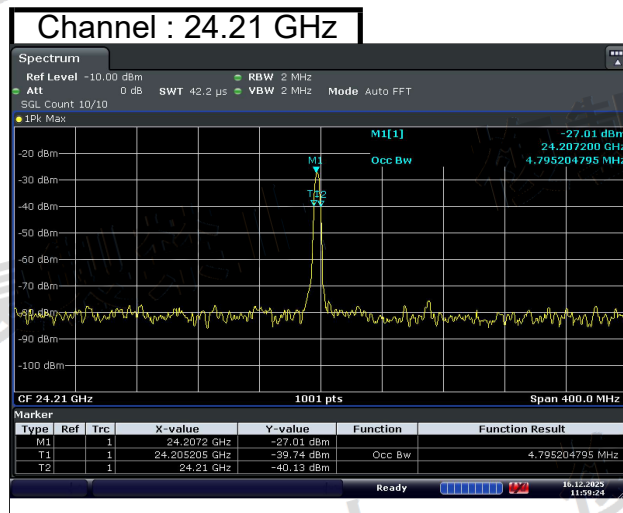


7. Test chart

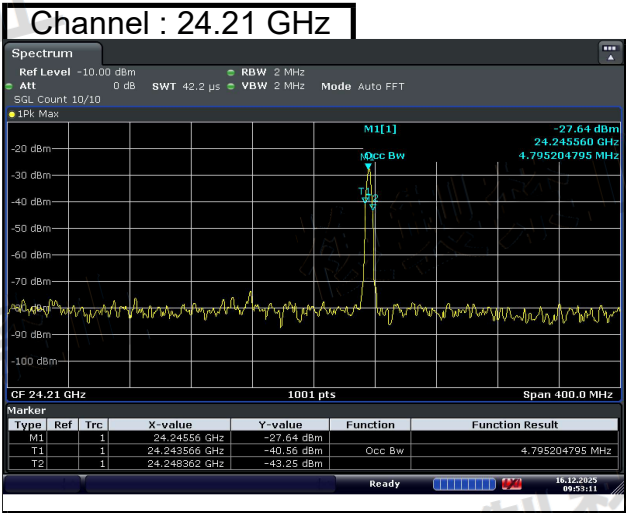
7.1.1 Frequency tolerance / Occupied Bandwidth (Rated voltage)



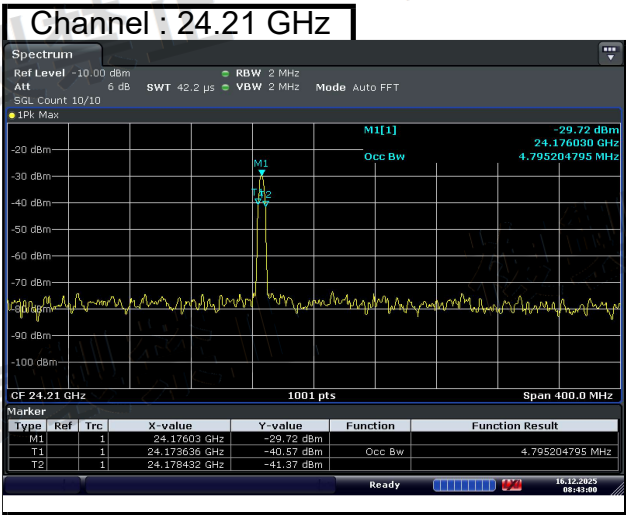
Frequency Tolerance (After the vibration test) (Rated Voltage)



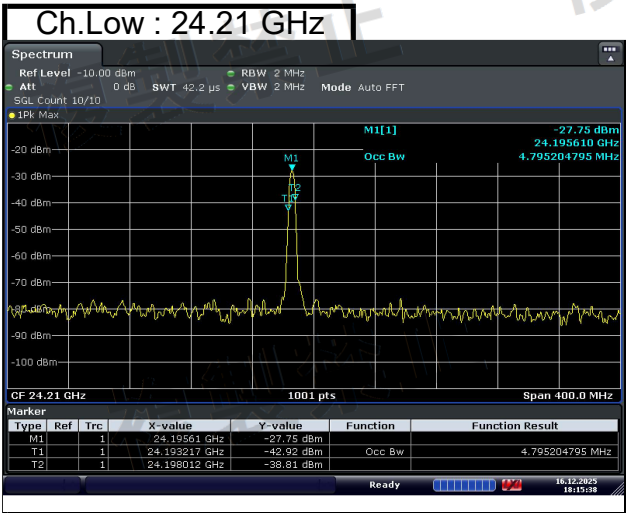
Frequency Tolerance (After the test temperature (-10 °C)) (Rated Voltage)



Frequency Tolerance (After the test temperature (+50 °C)) (Rated Voltage)

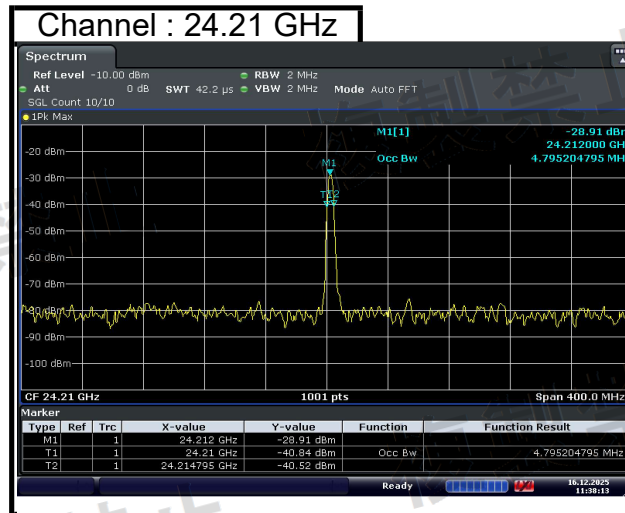


Frequency Tolerance (After the humidity test (95%)) (Rated voltage)

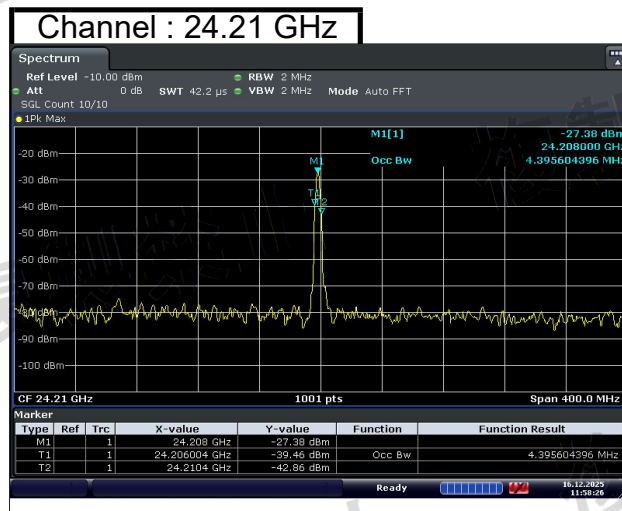


7. Test chart

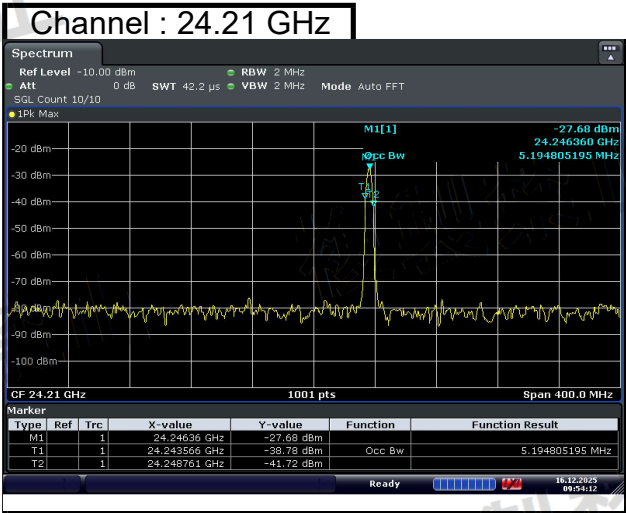
7.1.1 Frequency tolerance / Occupied Bandwidth (-10% voltage)



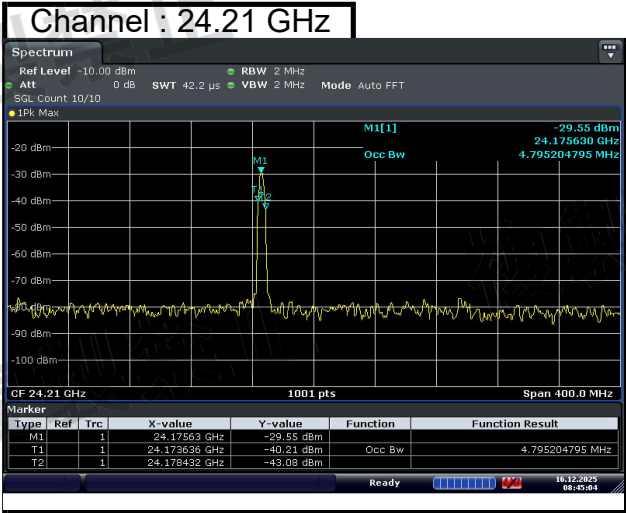
Frequency Tolerance (After the vibration test) (-10% Voltage)



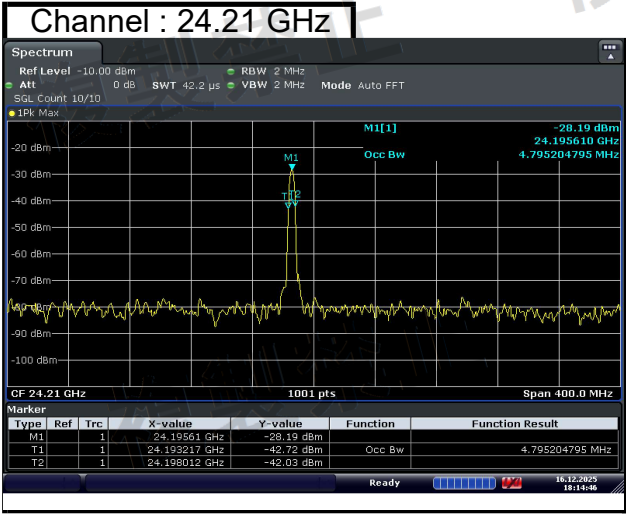
Frequency Tolerance (After the test temperature (-10 °C)) (-10% Voltage)



Frequency Tolerance (After the test temperature (50 °C)) (-10% Voltage)

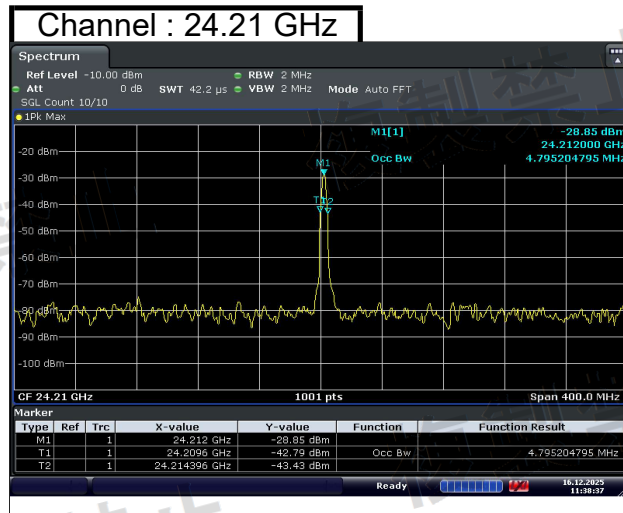


Frequency Tolerance (After the humidity test (95%)) (-10% voltage)

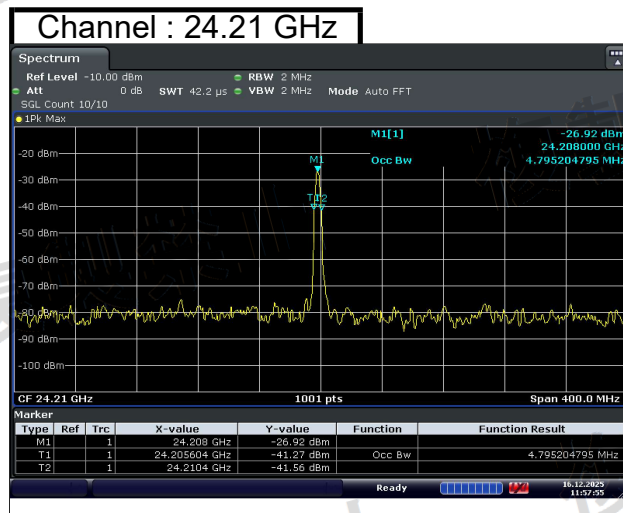


7. Test chart

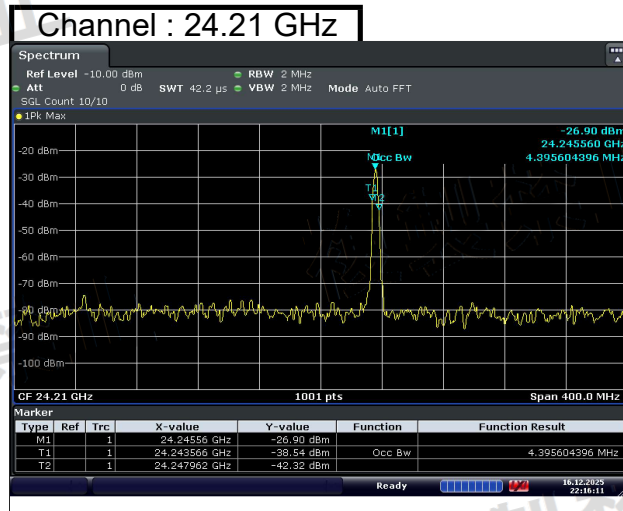
7.1.1 Frequency tolerance / Occupied Bandwidth (+10% voltage)



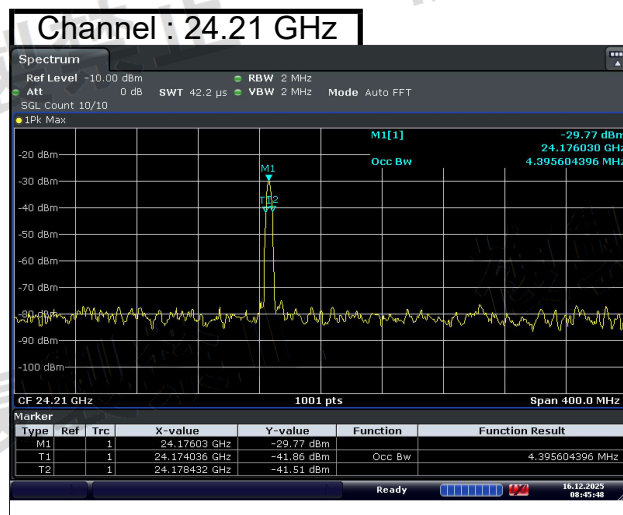
Frequency Tolerance (After the vibration test) (+10% Voltage)



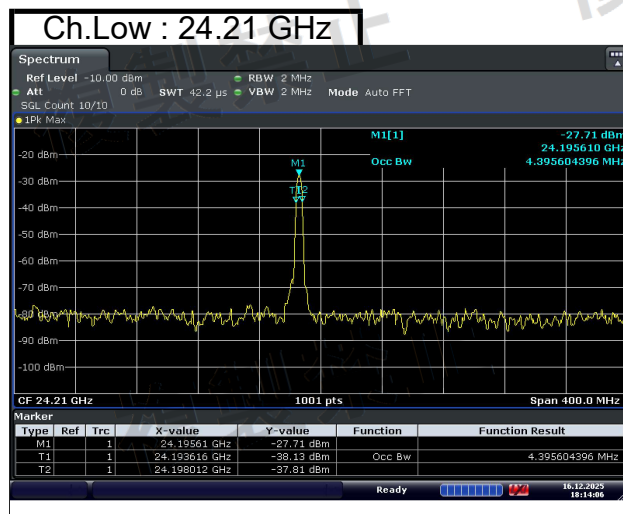
Frequency Tolerance (After the test temperature (-10 °C)) (+10% Voltage)



Frequency Tolerance (After the test temperature (50 °C)) (+10% Voltage)

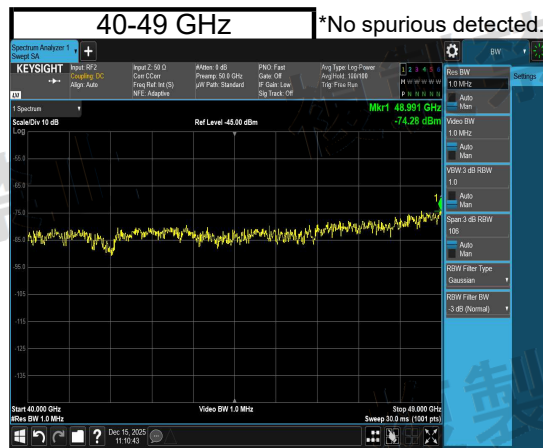
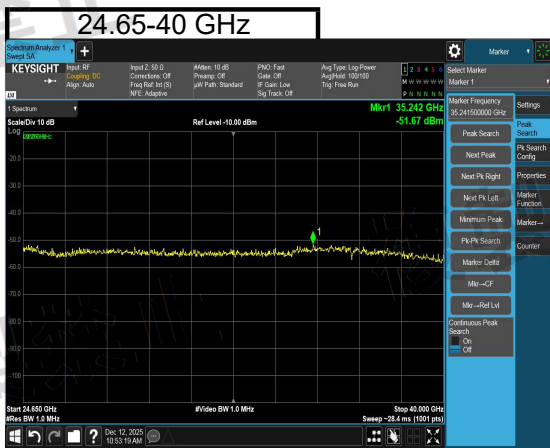
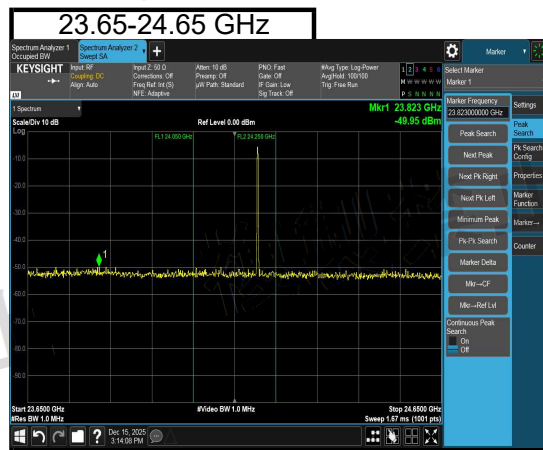
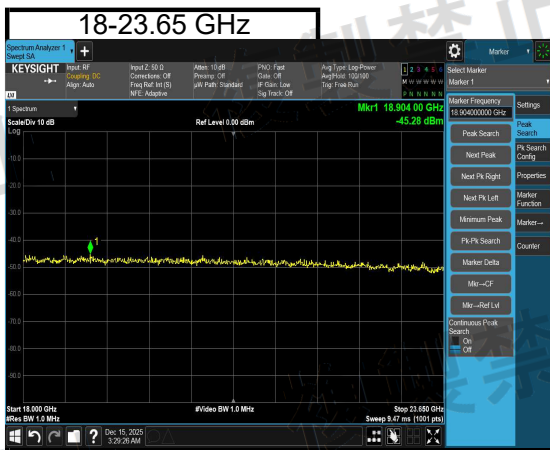
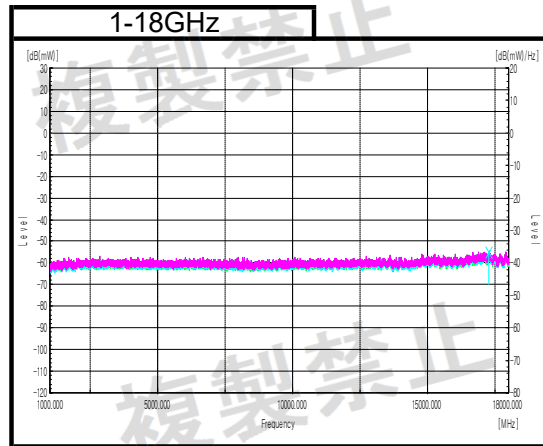
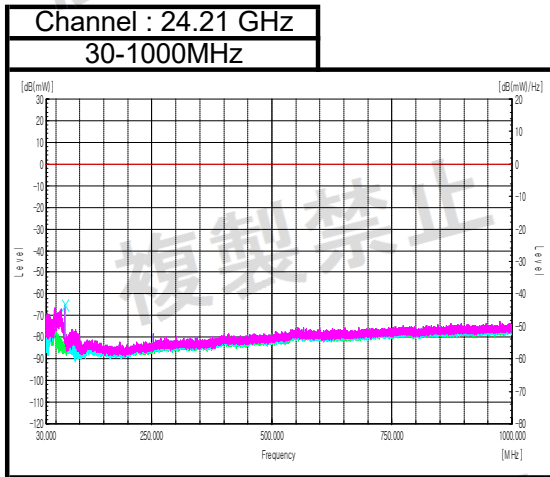


Frequency Tolerance (After the humidity test (95%)) (+10% voltage)



7. Test chart

7.2 Unwanted(Spurious) emission strength (Rated voltage)

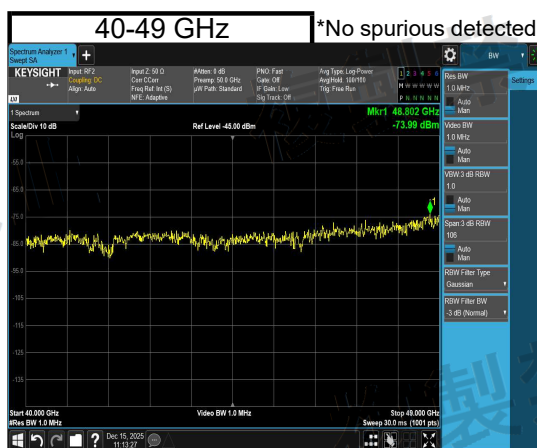
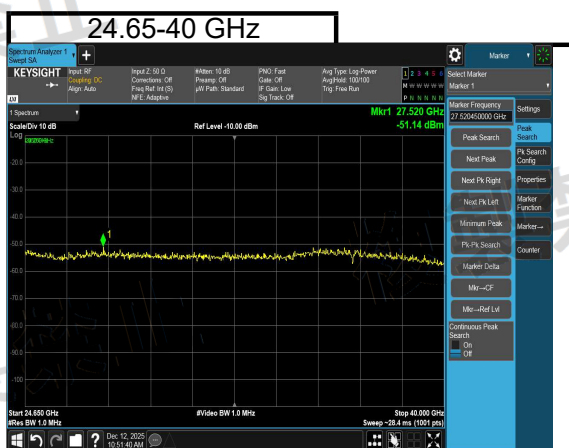
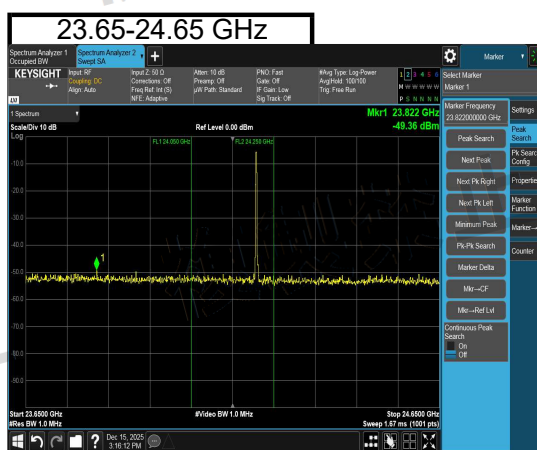
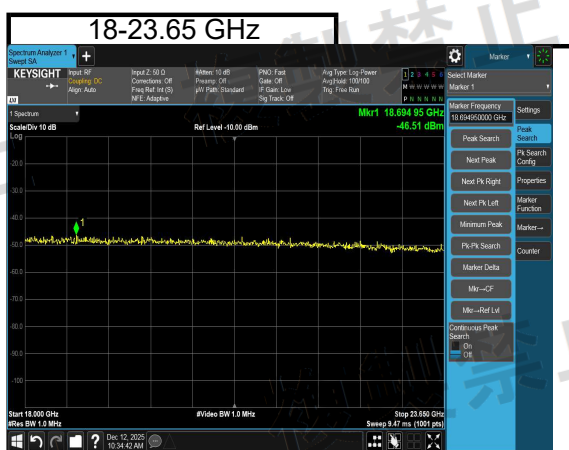
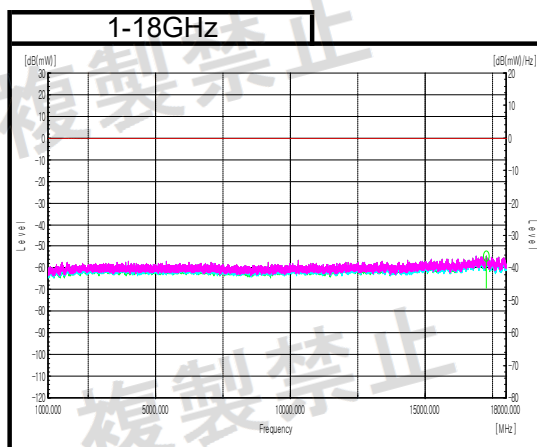
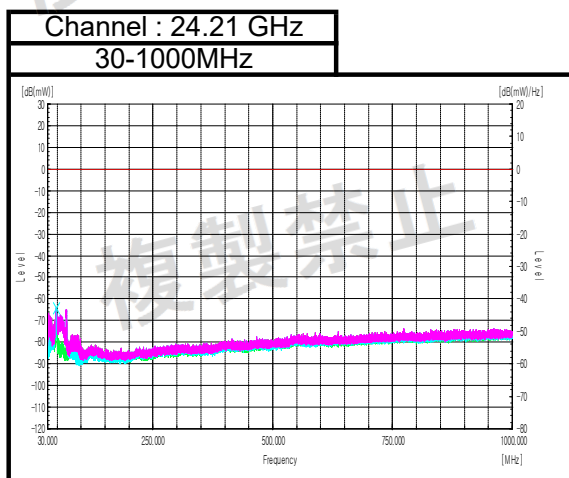


*NTNV Substitution Data

H/V	Frequency [MHz]	SA Reading [dBm]	Rx Factor [dB]			SG Reading [dBm]	Cable loss [dB]	Subs Ant. Gain [dBi]	EUT Ant. Gain [dBi]	Result [μW]	Limit [μW]	Margin [μW]
			Amplifier [dB]	RX Cable Loss[dB]	RX Antenna Factor [dB]							
V	69.770	-60.70	32.18	1.53	12.42	-58.12	1.83	-5.35	9.14	0.000036	2.500	2.485
V	17264.166	-46.60	65.03	14.32	40.57	-50.47	19.03	14.30	9.14	0.000368	2.500	2.492
V	18904.000	-45.28	65.43	14.76	44.20	-30.61	34.30	11.60	9.14	0.000569	2.500	2.497
V	23823.000	-49.95	64.41	16.80	45.50	-30.19	37.75	12.20	9.14	0.000325	2.500	2.018
V	35242.000	-51.67	64.85	19.86	47.30	-17.71	46.30	13.84	9.14	0.001172	2.500	2.492

7. Test chart

7.2 Unwanted(Spurious) emission strength (-10% voltage)

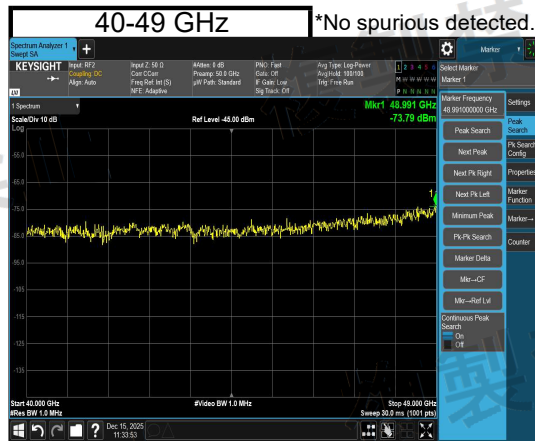
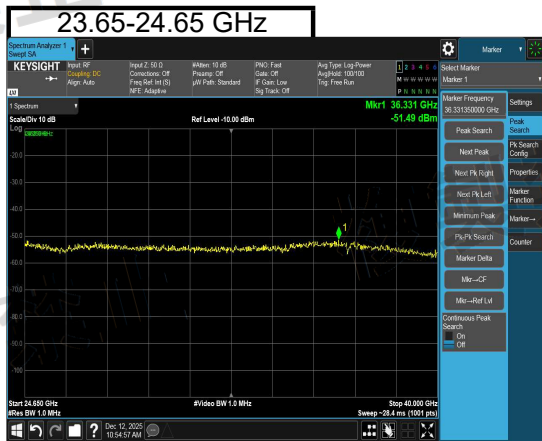
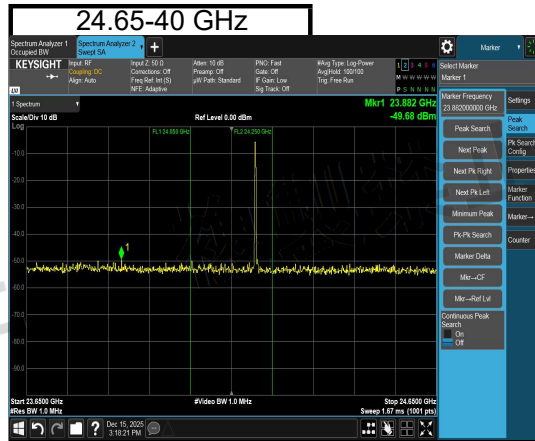
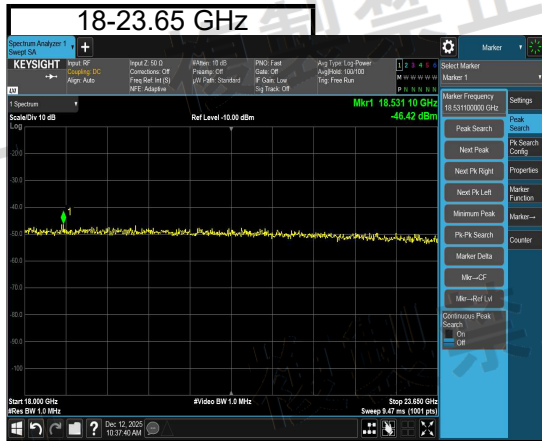
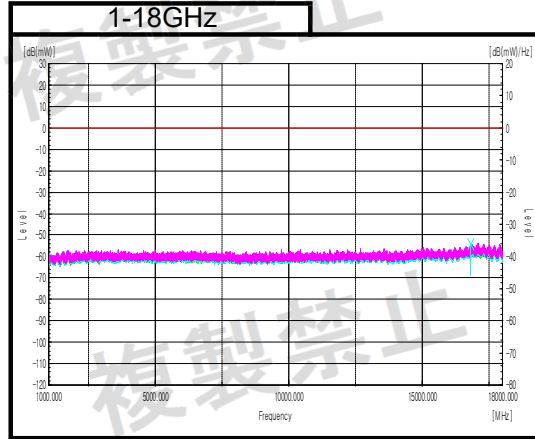
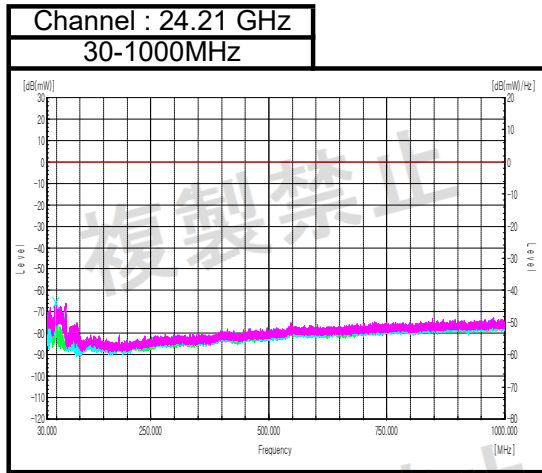


*NTLV Substitution Data

H/V	Frequency [MHz]	SA Reading [dBm]	Rx Factor [dB]			SG Reading [dBm]	Cable loss [dB]	Subs Ant. Gain [dBi]	EUT Ant. Gain [dBi]	Result [μW]	Limit [μW]	Margin [μW]
			Amplifier [dB]	RX Cable Loss[dB]	RX Antenna Factor [dB]							
V	47.654	-50.10	32.18	1.41	14.97	-51.45	1.51	-11.24	9.14	0.000046	2.500	2.484
H	17269.396	-45.90	65.03	14.34	40.56	-49.98	19.01	14.39	9.14	0.000423	2.500	2.491
V	18694.950	-46.51	65.36	14.72	44.10	-32.24	33.68	11.50	9.14	0.000441	2.500	2.496
V	23822.000	-49.36	64.42	16.81	45.50	-29.53	37.82	12.20	9.14	0.000372	2.500	2.266
V	27520.000	-51.14	63.50	18.85	46.00	-22.24	44.33	13.00	9.14	0.000536	2.500	2.495

7. Test chart

7.2 Unwanted(Spurious) emission strength (+10% voltage)



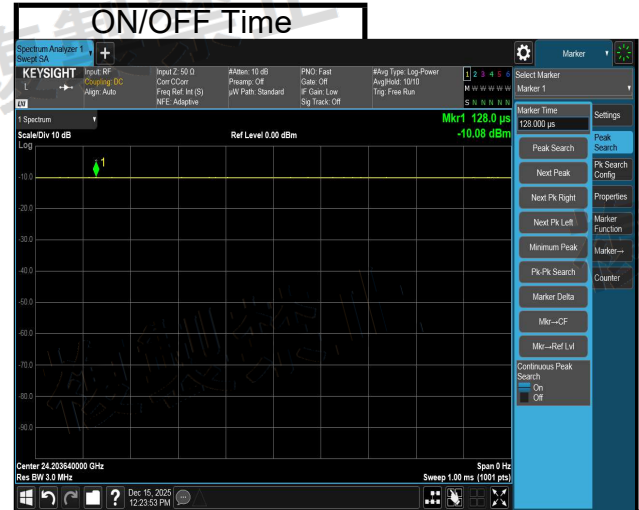
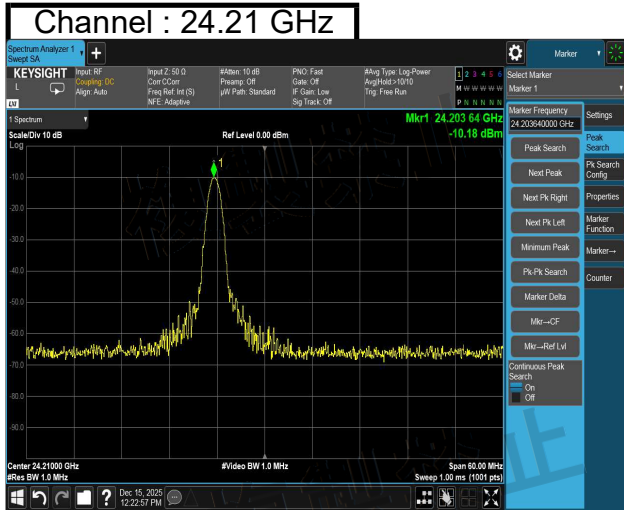
*No spurious detected.

*NTHV Substitution Data

H/V	Frequency [MHz]	SA Reading [dBm]	Rx Factor [dB]			SG Reading [dBm]	Cable loss [dB]	Subs Ant. Gain [dBi]	EUT Ant. Gain [dBi]	Result [μW]	Limit [μW]	Margin [μW]
			Amplifier [dB]	RX Cable Loss[dB]	RX Antenna Factor [dB]							
V	48.430	-52.80	32.18	1.43	14.59	-53.18	1.52	-10.70	9.14	0.000035	2.500	2.487
V	16809.938	-44.70	65.03	14.48	41.20	-48.42	19.00	13.42	9.14	0.000485	2.500	2.493
V	18531.100	-46.42	65.30	14.51	44.10	-31.97	33.77	11.50	9.14	0.000459	2.500	2.497
V	23882.000	-49.68	64.41	16.78	45.58	-29.77	37.91	12.20	9.14	0.000345	2.500	2.493
V	36331.000	-51.49	64.47	20.26	46.90	-35.93	26.92	14.50	9.14	0.001782	2.500	2.493

7. Test chart

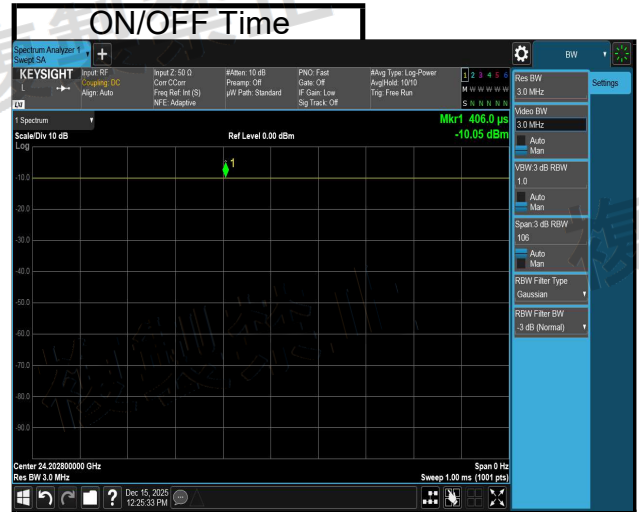
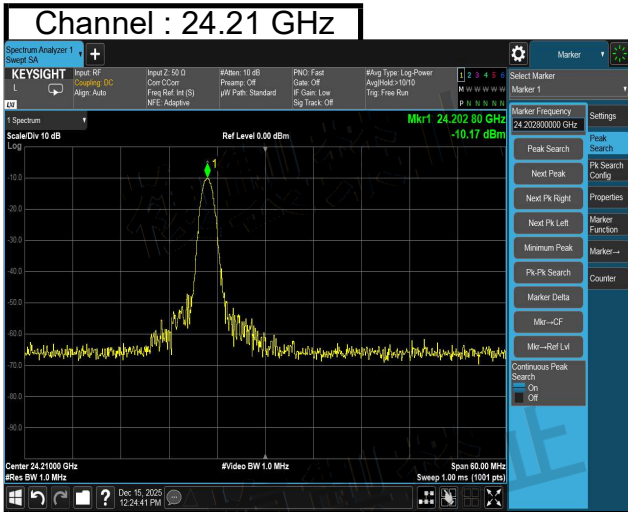
7.3 RF output power tolerance (Rated voltage)



H/V		Frequency [MHz]		SA Reading [dBm]		Rx Factor [dB]			SG Reading [dBm]	Cable loss [dB]	Subs Ant. Gain [dBi]	EUT Ant. Gain [dBi]	Result [mW]
						Amplifier [dB]	RX Cable Loss [dB]	RX Antenna Factor [dB]					
V		24.204		-10.08		56.47	17.08	45.30	7.58	13.43	12.60	9.14	0.576766463

7. Test chart

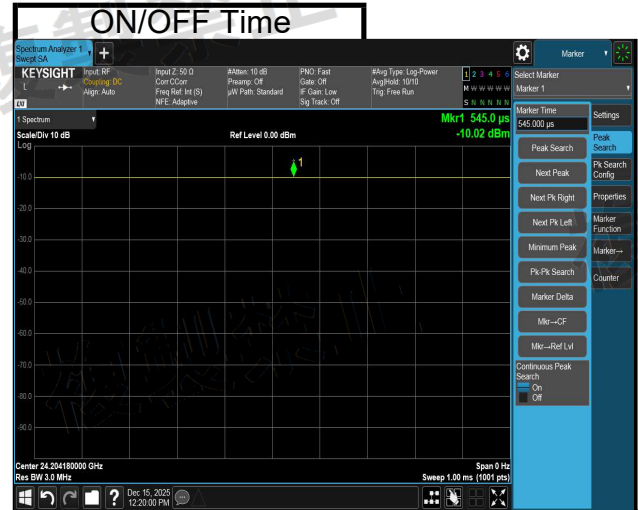
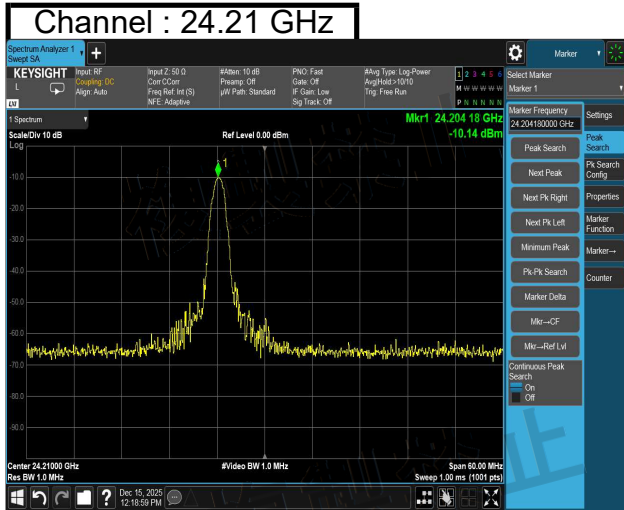
7.3 RF output power tolerance (-10% voltage)



Channel : 24.21 GHz										
H/V	Frequency [MHz]	SA Reading [dBm]	Rx Factor [dB]			SG Reading [dBm]	Cable loss [dB]	Subs Ant. Gain [dBi]	EUT Ant. Gain [dBi]	Result [mW]
			Amplifier [dB]	RX Cable Loss [dB]	RX Antenna Factor [dB]					
V	24.203	-10.05	56.47	17.08	45.30	7.61	13.43	12.60	9.14	0.580764418

7. Test chart

7.3 RF output power tolerance (+10% voltage)



H/V		Frequency [MHz]	SA Reading [dBm]	Rx Factor [dB]			SG Reading [dBm]	Cable loss [dB]	Subs Ant. Gain [dBi]	EUT Ant. Gain [dBi]	Result [mW]
				Amplifier [dB]	RX Cable Loss [dB]	RX Antenna Factor [dB]					
V		24.204	-10.02	56.47	17.08	45.30	7.64	13.43	12.60	9.14	0.584790084

8. Laboratory description

1. Location

Name: Eurofins KCTL Co., Ltd

65, Sinwon-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Korea

Telephone Number: +82 70 4904 0113

Facsimile Number: +82 505 299 8311

2. Accreditation and Registration

1) FCC

Site Designation No.: KR0040

Site Registration No.: 687132

2) VCCI

Registration No.: R-20080, G-20078, C-20059, T20056

3) Industry Canada

Registration No.: 8035A

Test Site No.: 8035A-2

4) KOLAS

Registration No.: KT231