

TEST REPORT

Application No.: KSCR2603000529HS
Applicant: Hisense Home Appliances Group Co.,Ltd. Qingdao Branch
Address of Applicant: Hisense R&D center,#399 Songling Road, Qingdao, Shandong, 266000,China
Manufacturer: Hisense Home Appliances Group Co.,Ltd. Qingdao Branch
Address of Manufacturer: Hisense R&D center,#399 Songling Road, Qingdao, Shandong, 266000,China
Equipment Under Test (EUT):
EUT Name: Radar module
Model No.: HL3240CG.AC
Trade Mark: Hisense
Standard(s) : Item 8 of Article 2-1
Test Method : MIC Notice No.88, Annex22-16
Date of Receipt: 2026-03-16
Date of Test: 2026-03-17 to 2026-04-28
Date of Issue: 2026-04-28

Test Result:**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Revision Record			
Version	Description	Date	Remark
00	Original	2026-04-28	/

Authorized for issue by:			
Tested By		<i>Tommie Tang</i>	
		Tommie_Tang/Project Engineer	
Approved By		<i>Terry Hou</i>	
		Terry Hou /Reviewer	

2 Test Summary

Test	Test Requirement	Method	Limit/Severity	Result
Antenna Requirement	Item 8 of Article 2-1	MIC Notice No.88, Annex22-16	24dBi or less	PASS
Assigned Frequency Tolerance of Frequency		MIC Notice No.88, Annex22-16	24.05Hz-24.25GHz	PASS
Occupied bandwidth		MIC Notice No.88, Annex22-16	200MHz or less	PASS
Antenna Power		MIC Notice No.88, Annex22-16	0.02W or less Error: +50% -50%	PASS
Unwanted Emission Strength		MIC Notice No.88, Annex22-16	2.5uW(-26dBm) or less	PASS
Secondary Radiated Emission		MIC Notice No.88, Annex22-16	2.5uW(-26dBm) or less	PASS
RF accessibility		MIC Notice No.88, Annex22-16	Article 49-14, Item 11 of the Equipment Regulations	PASS

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 5V
Operation Frequency:	24.05-24.25GHz
Modulation Type:	FMCW
Antenna Type:	Integrated Patch Antenna
Antenna Gain:	1dBi (Provided by the manufacturer)

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
DC Power Supply	Agilent	E3632A	/

4.3 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4×10^{-8}
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.2dB (Below 1GHz) 5.9dB (Above 1GHz)
9	Radiated Spurious Emission Test	4.2dB (Below 30MHz) 4.5dB (30MHz-1GHz) 5.1dB (1GHz-18GHz) 5.4dB (Above 18GHz)
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.4 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888

Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

- 1.SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
- 2.SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).
3. Sample source: sent by customer.

4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 2541.01)**

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA).

- **FCC (Designation Number: CN1172)**

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0072)**

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 2324E

- **VCCI (Member No:1938)**

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Serial No.	Inventory No	Cal Date	Cal. Due Date	Cal body	Certifier
1	Spectrum Analyzer	Keysight	N9020A	MY55370209	KUS1911E004-2	07/09/2025	07/08/2026	SGS	(c)
2	Spectrum Analyzer	Keysight	N9020A	MY53420174	KUS2001M001-2	07/09/2025	07/08/2026	SGS	(c)
3	Spectrum Analyzer	Keysight	N9030B	MY61330164	KSEM021-1	12/17/2025	12/16/2026	SGS	(c)
4	Signal Generator	R&S	SMBV100B	103571	KSEM032	12/17/2025	12/16/2026	SGS	(c)
5	Signal Generator	R&S	SMW200A	110074	KSEM020-1	07/09/2025	07/08/2026	SGS	(c)
6	Signal Generator	Agilent	N5182A	MY50142015	KUS2001M001-1	07/08/2025	07/07/2026	SGS	(c)
7	Radio Communication Test Station	Anritsu	MT8000A	6262012849	KSEM001-1	07/09/2025	07/08/2026	SGS	(c)
8	Radio Communication Analyzer	Anritsu	MT8821C	6201692222	KSEM002-1	12/17/2025	12/16/2026	SGS	(c)
9	Universal Radio Communication Tester	R&S	CMW500	159275	KUS1911E004-1	07/08/2025	07/07/2026	SGS	(c)
10	Switcher	TST	FY562	N/A	KUS2001M001-4	12/17/2025	12/16/2026	SGS	(c)
11	Temp. / Humidity Chamber	TERCHY	MHK-120AK	X30109	KS301190	07/15/2025	07/14/2026	SGS	(c)
12	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	1032844	KSEM024-5	12/30/2025	12/29/2026	SGS	(c)
13	Software	BST	TST-PASS	N/A	V1.0	NCR	NCR	N/A	/

Remark:

(a) Calibration conducted by the National Institute of Information and Communications Technology (NICT) in Japan (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1) in JRL.

(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Act (Act No. 51 of 1992).

(c) Calibration conducted in countries except Japan, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1).

(d) Calibration, etc. conducted by using measuring instruments and other equipment listed in the right column of appended table No. 3, which shall have been given any type of calibration, etc. listed above from (a) to (c).

From JRL Article 24-2, paragraph 4, Item 2

Notice: Calibration duration for above equipments is 1 year.

6 Test Results

6.1 Radio Technical Requirements Specification

Table 1: Radio Technical Requirements Specification for 24.15GHz band specific low-power system
(Item 8 of Article 2-1)

Items		Technical standard
Assigned frequency (Frequency range)		24.15GHz (24.05GHz-24.25GHz)
Tolerance of frequency		Within frequency range
Tolerance of occupied bandwidth		200MHz
Tolerance of spurious emission intensity		2.5 μ W
Antenna power		0.02W or less Tolerance:+50%,-50%
Limit of secondary radiated emissions		2.5 μ W
Radio waves exposed		Incident power density: 2mW/om2 or less In the case of having a function to emit multiple radio waves at the same time: The total radiation ratio is 1 or less *Requirement is not applied to the equipment of the following. • Body;"Average power:2mW or less(*Note.1)", or "Equipment that the separation distance between the human body and the transmission antenna (except head and both hand) is used in at least 20cm." (*Note.1):In the case of having a function to emit multiple radio waves at the same time: The total radiation ratio to threshold is 1 or less
Condition for Frequency Stabilization	Voltage fluctuation	A transmitter shall be so constructed that the oscillation frequency will be as free from influence by changes in its power supply voltage or load as possible in order to maintain its frequency within the tolerance
	Environment	The oscillation circuit of a transmitter shall be based on an oscillation method that is as resistant to influence by changes in the ambient temperature or humidity as possible in order to maintain its oscillation frequency within the tolerance.
	Vibration	The transmitter of a mobile station (including a mobile amateur radio station) shall be able to maintain its frequency within the tolerance against any vibration or shock that can practically occur.

6.2 E.U.T. test conditions

Environment:	Temperature:	20.0 -25.0 °C
	Humidity:	45-85 % RH
	Atmospheric Pressure:	99.2 -102.0 kPa
	Operating Environment:	Temperature: 25.2 °C Humidity: 48.3 % RH Atmospheric Pressure: 101.3 kPa

Test Voltage: rated voltage and $\pm 10\%$ of the rated voltage.

Power supply: The product is supplied by DC 5V. The fluctuation of input voltage to the circuit of RF unit of test equipment is under $\pm 1\%$, when input voltage to the test equipment is fluctuated by $\pm 10\%$. So, all measurement has been conducted by only rated voltage DC 5V.

Test Mode Classify	Power Supply	Measured Value
TM 1	DC 5V	DC 3.3V
TM 2	DC 4.5V	DC 3.3V
TM 3	DC 5.5V	DC 3.3V

Test frequencies: If the EUT can be set to 3 or more different (carrier) frequencies in 1 allocated band, testing shall be performed using the Lowest, Middle and the Highest frequency (L, M and H). If there are 2 or fewer frequencies, testing shall be performed with the available frequencies.

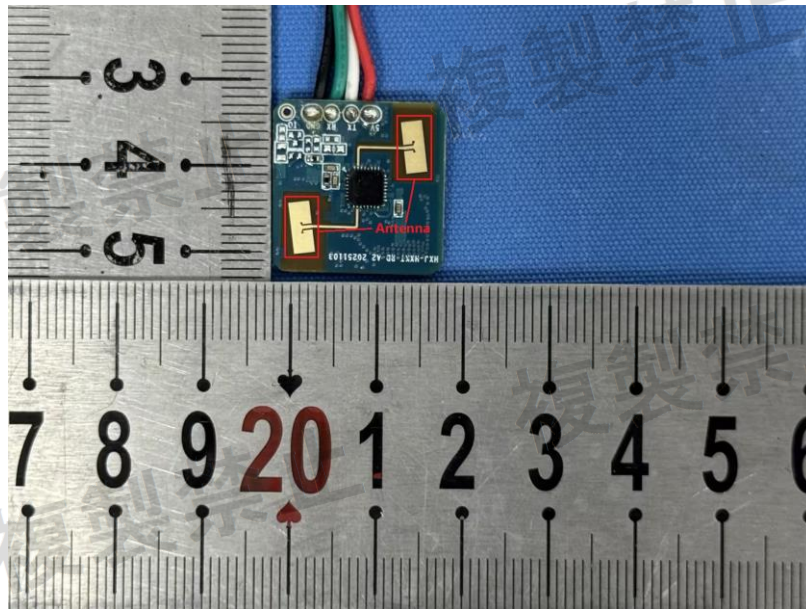
6.3 Antenna Requirement

Standard requirement

Applicable for equipment with an antenna terminal, including testing terminals) If an antenna connector is available, all relevant tests will be carried out conducted. If not, tests will be carried out in an anechoic room or with a suitable test-fixture.

EUT Antenna

The antenna is PCB Antenna and no consideration of replacement.



6.4 Assigned Frequency and Tolerance of Frequency

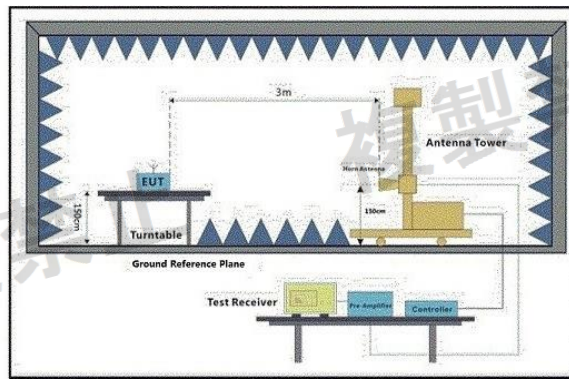
Test Requirement: Item 8 of Article 2-1

Frequency Range: 24.05GHz-24.25GHz

Text Method: MIC Notice No.88, Annex22-16

Test Status: Test the EUT in transmitting mode with modulation.

Test Configuration:



Test Procedure:

1) Test Conditions:

Spectrum Analyzer is used for measurement.

2) EUT Conditions:

FMCW Tx

3) Spectrum Analyzer conditions:

Frequency: Test Frequency

Span: 500MHz

RBW: 2MHz

VBW: 2MHz

Sweep Time: Auto

Detector mode: Positive Peak

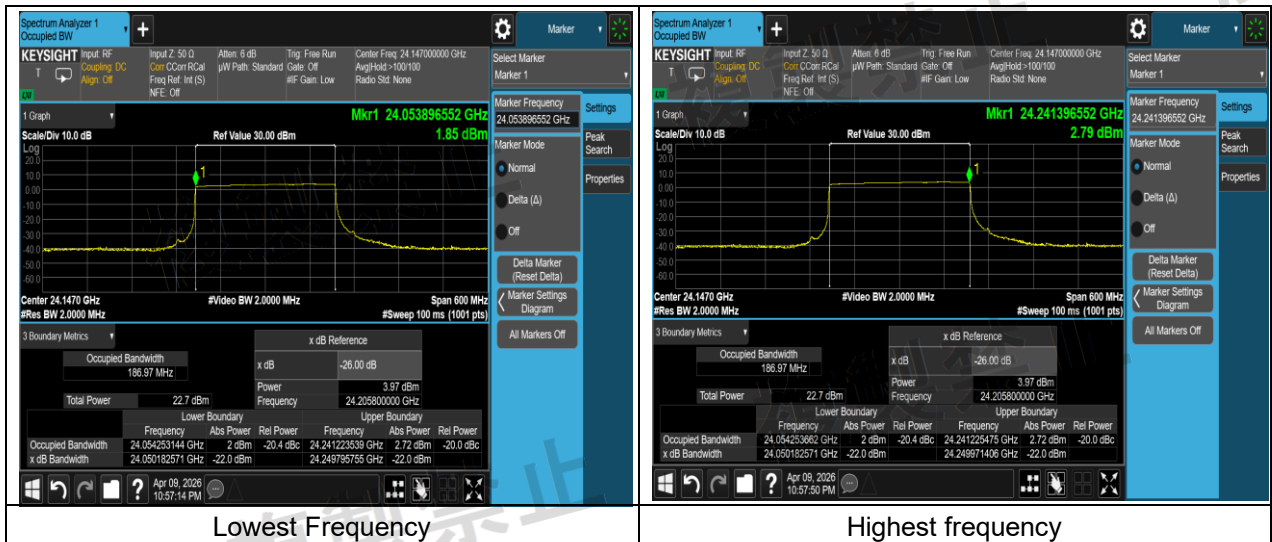
Sweep mode: Max Hold

Test Data:

Test Frequency (GHz)	Test Frequency(GHz)			Limit (GHz)	Result
	TM 1	TM 2	TM 3		
24.147	24.0538-24.2413	/	/	24.05-24.25GHz	Pass

Test plots as below:

Test mode: TM 1



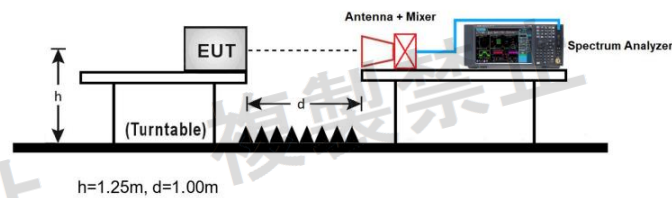
6.5 Condition for Frequency Stabilization

Test Requirement: Item 8 of Article 2-1

Text Method: MIC notification.No.88 of 2004,Annex 22-14

Test Status: Test the EUT in transmitting mode with modulation.

Test Configuration:



Test Procedure:

Test Conditions:

Spectrum Analyzer is used for measurement., EUT setup at different condition

EUT Conditions:

FMCW Tx

Spectrum Analyzer conditions:

Frequency: Test Frequency

Span: 500MHz

RBW: 2MHz

VBW: 2MHz

Sweep Time: Auto

Detector mode: Positive Peak

Sweep mode: Max Hold

Temperature Test Data:

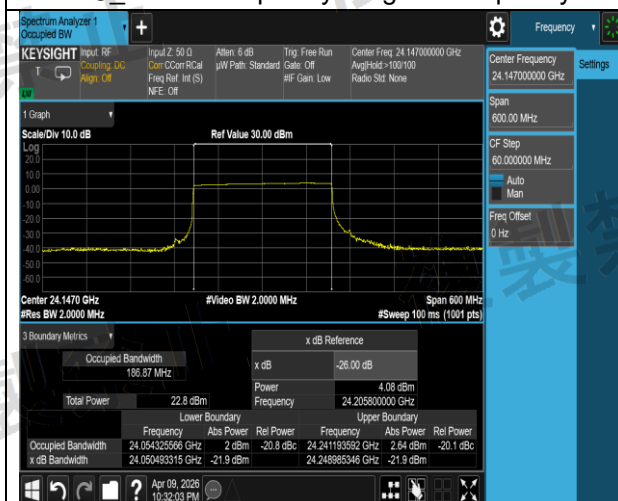
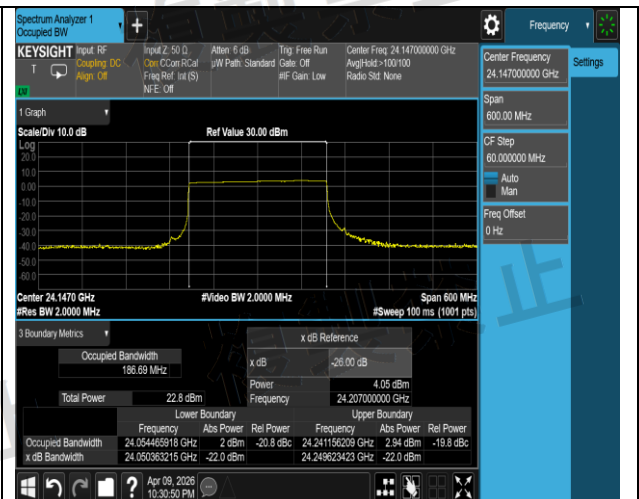
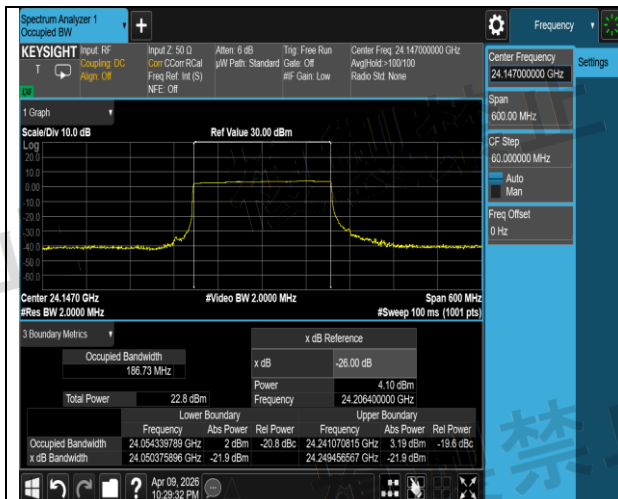
Test Frequency (GHz)	Temperature (°C)	Humidity (%)	Lowest frequency (GHz)	Highest frequency (GHz)	Limit (GHz)	Result
24.147	0	65	24.0543	24.2410	24.05-24.25	Pass
	-10	65	24.0544	24.2411		Pass
	-20	65	24.0543	24.2411		Pass
	40	65	24.0542	24.2411		Pass
	50	65	24.0542	24.2411		Pass
	60	65	24.0543	24.2410		Pass

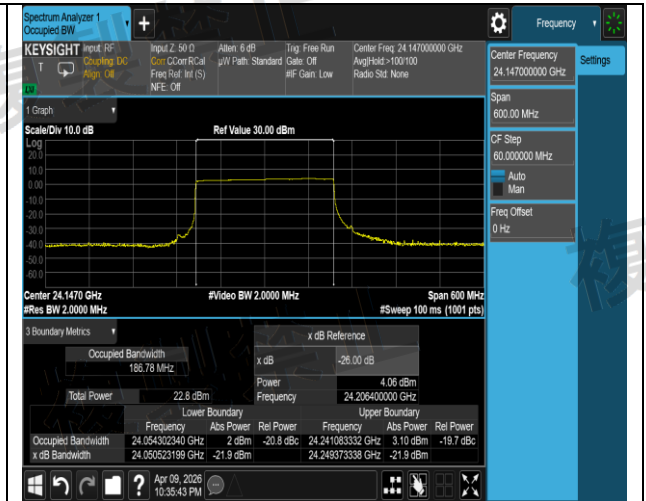
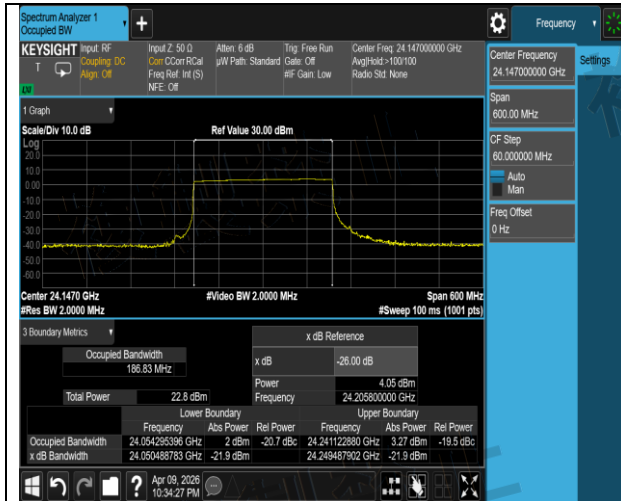
Humidity Test Data:

Test Frequency (GHz)	Humidity (%)	Temperature (°C)	Lowest frequency (GHz)	Highest frequency (GHz)	Limit (GHz)	Result
24.147	95	35	24.0542	24.2411	24.05-24.25	Pass

Test plots as below:

Test mode: TM 1





Vibration Test Data:

Test Frequency (GHz)	Amplitude of vibration	Vibration direction	Vibrations Number	Lowest frequency (GHz)	Highest frequency (GHz)	Limit (GHz)	Result
24.05-24.25	3	Up and down	500	24.0543	24.2410	24.05-24.25	Pass
	3	Left and right	500	24.0542	24.2411		Pass
	3	Front and rear	500	24.0543	24.2411		Pass
	1	Up and down	500	24.0543	24.2410		Pass
	1	Left and right	500	24.0543	24.2411		Pass
	1	Front and rear	500	24.0543	24.2412		Pass
	1	Up and down	1800	24.0543	24.2411		Pass
	1	Left and right	1800	24.0544	24.2411		Pass
	1	Front and rear	1800	24.0544	24.2411		Pass

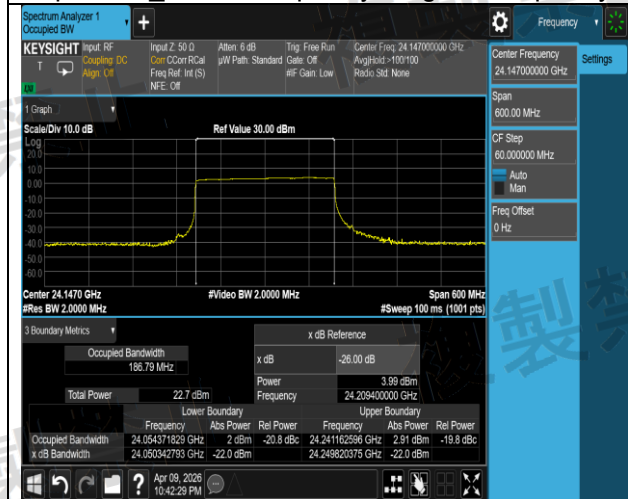
Test plots as below:

Test mode: TM 1

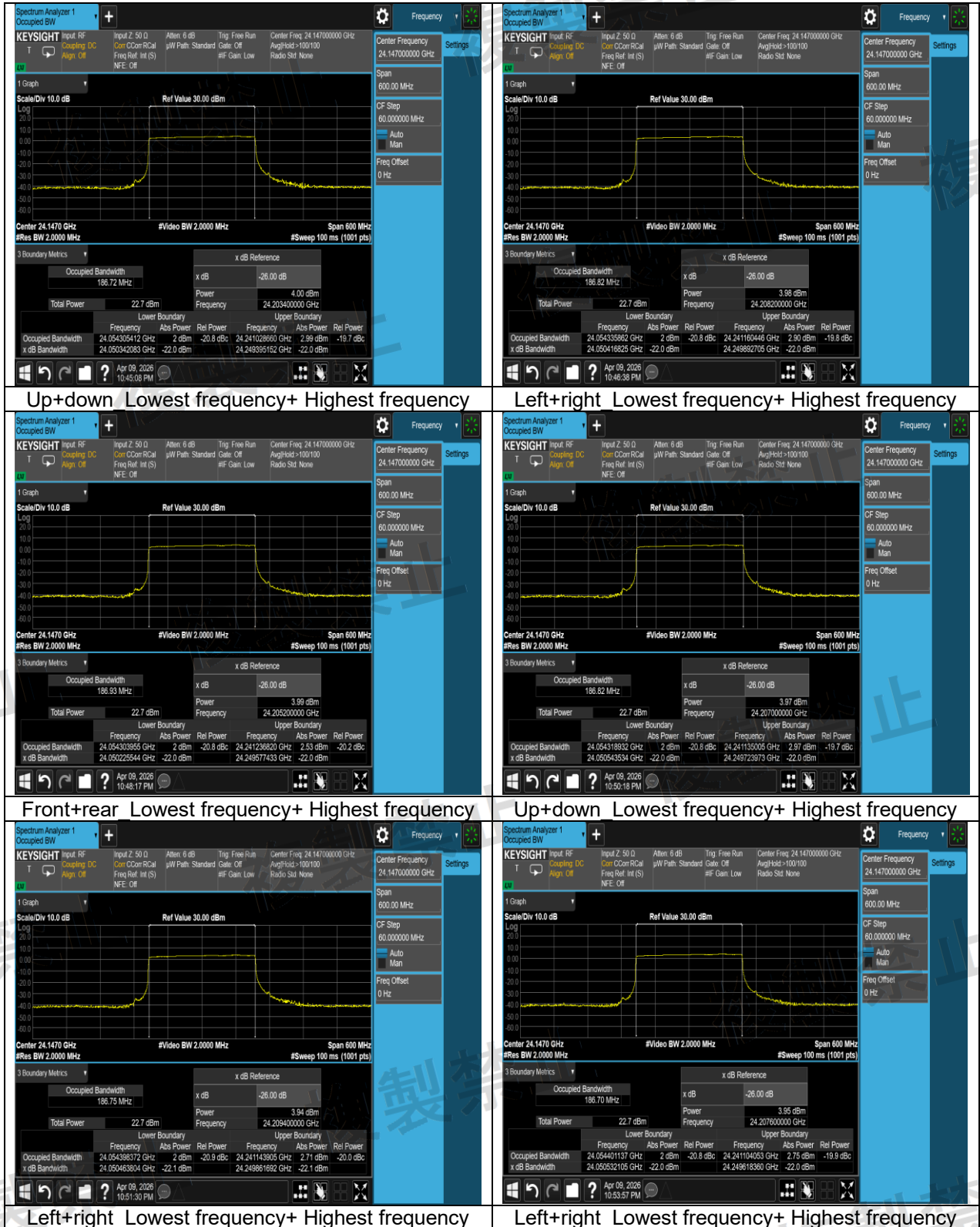


Up+down_ Lowest frequency+ Highest frequency

Left+right_ Lowest frequency+ Highest frequency



Front+rear_ Lowest frequency+ Highest frequency



6.6 Occupied Bandwidth (99%)

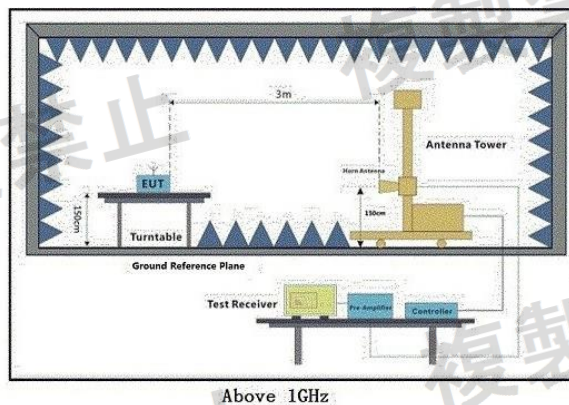
Test Requirement: Item 8 of Article 2-1

200MHz

Text Method: MIC Notice No.88, Annex22-16

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



Test Procedure:

1) Test Conditions:

Spectrum Analyzer is used for measurement.

2) EUT conditions:

FMCW Tx

3) Spectrum Analyzer conditions:

Frequency: Test Frequency

Span: $2 \sim 3 \times \text{OBW}$

RBW: $\sim 1\% \text{OBW}$

VBW: $\sim 1\% \text{OBW}$

Sweep Time: Auto

Detector mode: Positive Peak

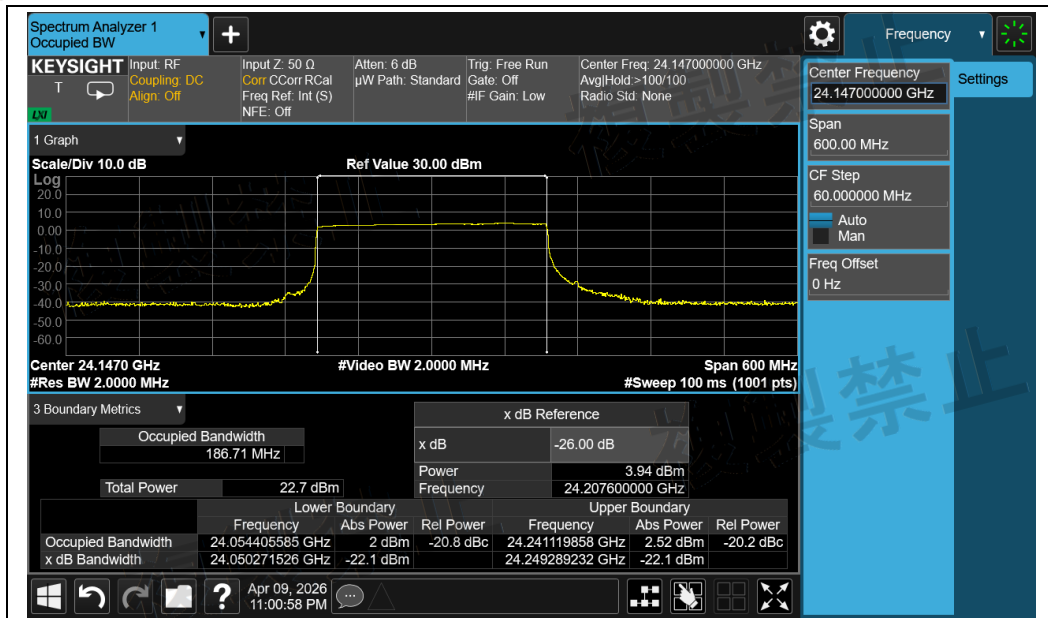
Sweep mode: Max Hold

Test Data:

Test Frequency (GHz)	OBW(MHz)			Limit	Result
	TM 1	TM 2	TM 3		
24.147	186.71	/	/	200MHz	Pass

Test plots as below:

Test mode: TM 1



6.7 Antenna Power

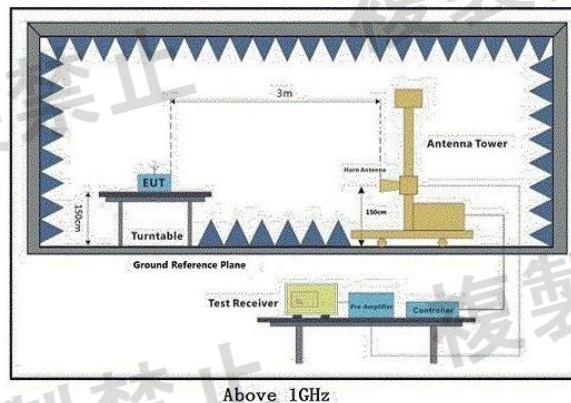
Test Requirement: Item 8 of Article 2-1

0.02W or less

Text Method: MIC Notice No.88, Annex22-16

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



Test Procedure:

1) Test Conditions:

Power sensor is used for measurement.

2) EUT conditions:

FMCW Tx

3) Power sensor conditions:

Searching the frequency the frequency that gives maximum antenna power

Frequency: Test Frequency

Measure the average power of the transmitter. This measurement is an average over both the ON and OFF periods of the transmitter.

If the transmitter does not transmit continuously, measure the duty cycle, D, of the transmitter output signal.

Adjust the measurement in dBm by adding $[10 \log (1 / D)]$, where D is the duty cycle.

Test Data:

Test Frequency (GHz)	Test Power			Unit	Limit	Result
	TM 1	TM 2	TM 3			
24.147	9.38	/	/	mW	13dBm(0.02W) or less Error	Pass
	-6.2%	/	/	%	+50% -50%	Pass

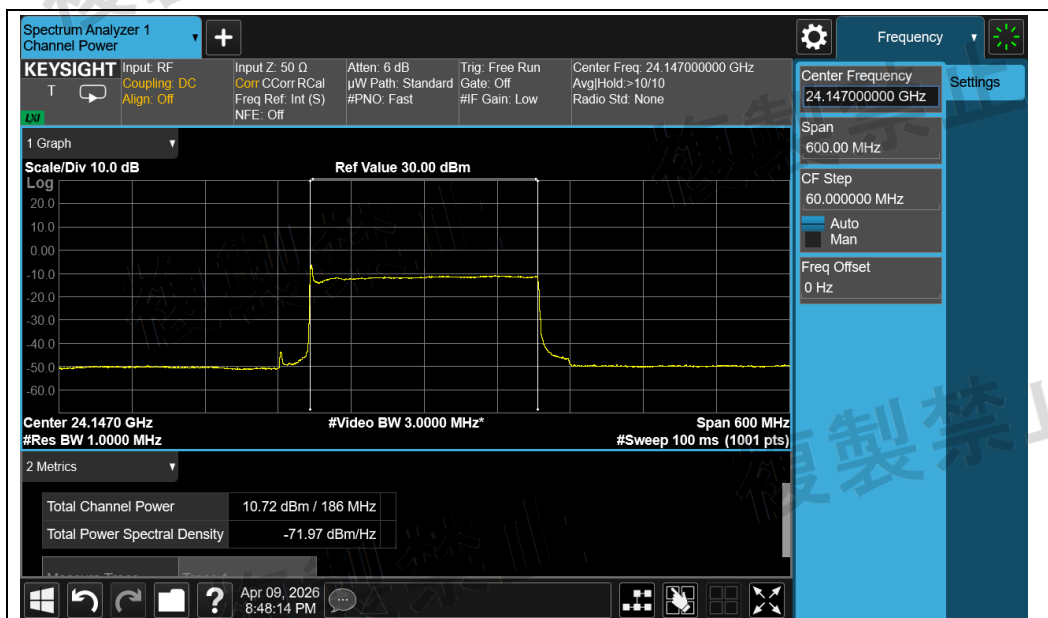
Remark:

1)Normal antenna power: 10mW

2)Antenna power= EIRP-Antenna Gain=10.72-1 dBm=9.72 dBm (EIRP=10.72dBm, Antenna Gain=1dBi)

Test plots as below: (the test graph is the value of EIRP Reading Level)

Test mode: TM 1



6.8 Unwanted Emission Strength

Test Requirement: Item 8 of Article 2-1

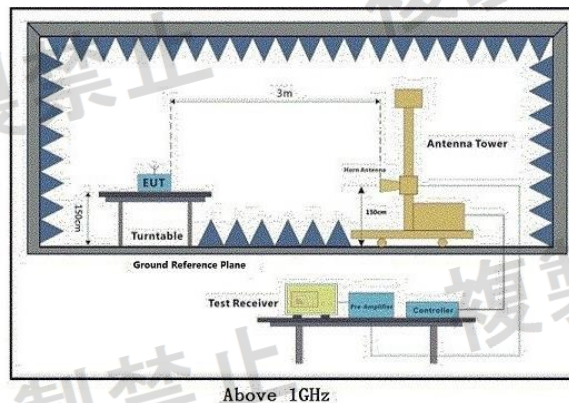
Text Method: MIC Notice No.88, Annex22-16

2.5 μ W

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



Test Procedure:

1) Test Conditions:

Spectrum Analyzer is used for measurement.

2) EUT conditions:

FMCW Tx

3) Spectrum Analyzer conditions:

Step 1

All spurious are measured from 30 MHz to 60 GHz by peak mode.

Step 2

IF the value measured by Step1 is 2 dB or less, measure in average mode.

Test setup for Step 1:

Frequency: 30MHz – 1GHz , 1GHz – 60GHz

RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

Sweep Time Auto

detector mode Positive peak

Indication mode Max hold

Test setup for Step 2:

Frequency: Spurious Frequency

RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

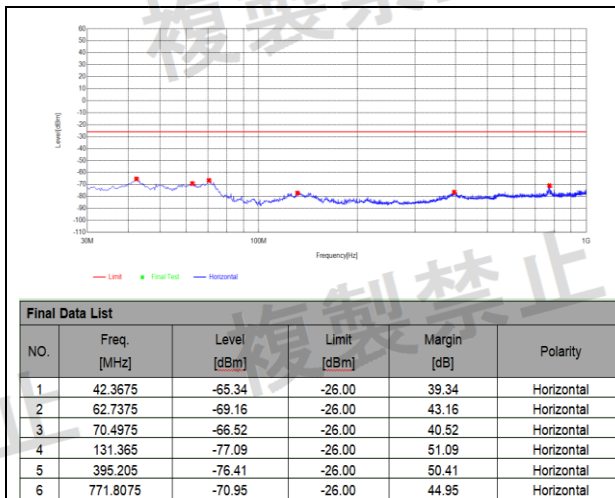
Sweep Time Auto

detector mode Sample

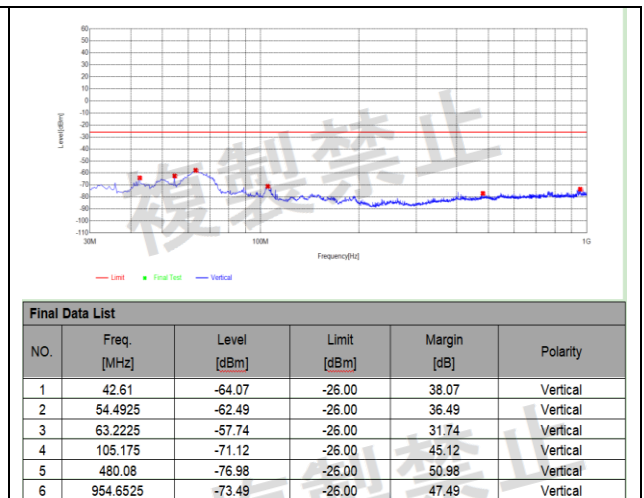
Indication mode Max hold

Test Data:

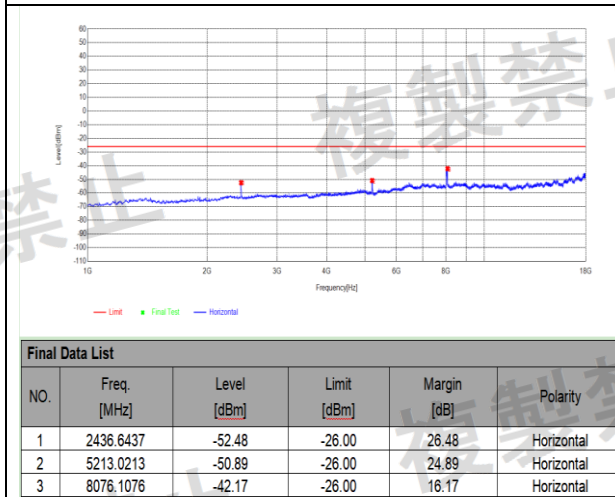
Frequency range (GHz)	Frequency (GHz)	Level (dBm)	Level (μW)	Limit (μW)	Result
0.03-1	0.0632	-57.74	0.002	2.5	Pass
1-18	8.0761	-42.17	0.061	2.5	Pass
18-23.65	19.5495	-42.02	0.063	2.5	Pass
23.65-24.05	24.0500	-31.83	0.656	2.5	Pass
24.25-24.65	24.2502	-30.39	0.914	2.5	Pass
24.65-40	37.7062	-39.39	0.115	2.5	Pass
40-60	56.7600	-47.62	0.002	2.5	Pass



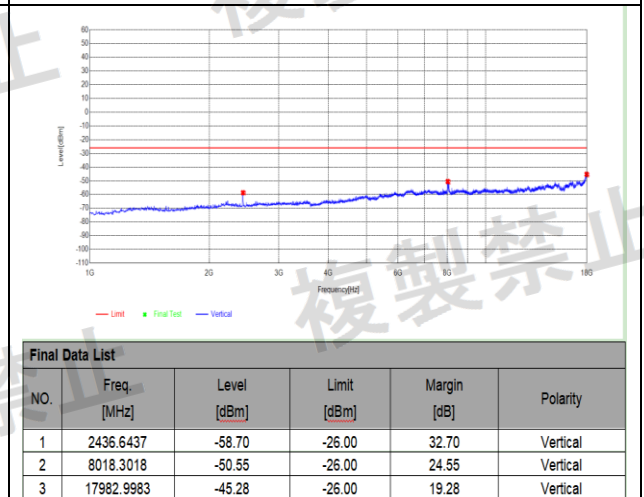
30MHz-1GHz-Horizontal



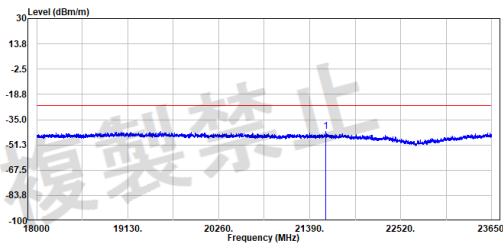
30MHz-1GHz-Vertical



1GHz-18GHz-Horizontal



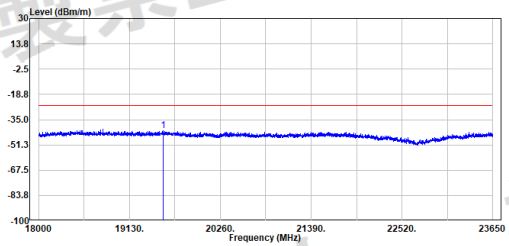
1GHz-18GHz-Vertical



Antenna Polarity :Horizontal

No.	Freq	Read	Aux	Preamp	Emission	Limit	Over	Remark
	MHz	level	Factor	Factor	Level	Line	Limit	
		dBm	dB	dB	dBm/m	dBm/m	dB	
21592.99	-49.03	61.81	55.50	-42.72	-26.00	-16.72	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor



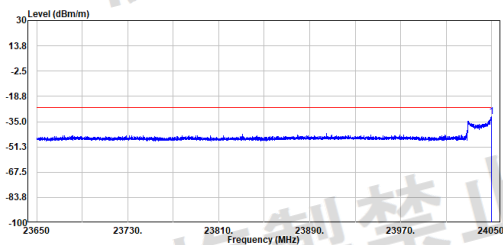
Antenna Polarity :Vertical

No.	Freq	Read	Aux	Preamp	Emission	Limit	Over	Remark
	MHz	level	Factor	Factor	Level	Line	Limit	
		dBm	dB	dB	dBm/m	dBm/m	dB	
19549.54	-48.00	63.45	57.47	-42.02	-26.00	-16.02	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor

18GHz-23.65GHz-Horizontal

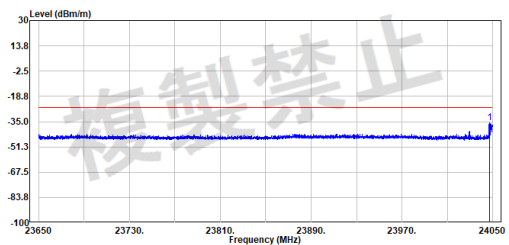
18GHz-23.65GHz-Vertical



Antenna Polarity :Horizontal

No.	Freq	Read	Aux	Preamp	Emission	Limit	Over	Remark
	MHz	level	Factor	Factor	Level	Line	Limit	
		dBm	dB	dB	dBm/m	dBm/m	dB	
24050.00	-39.83	62.12	54.12	-31.83	-26.00	-5.83	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor



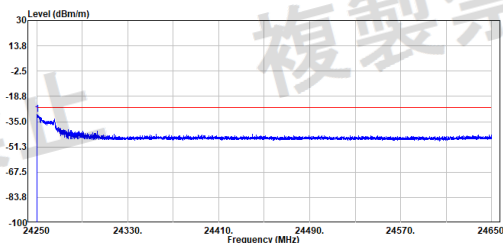
Antenna Polarity :Vertical

No.	Freq	Read	Aux	Preamp	Emission	Limit	Over	Remark
	MHz	level	Factor	Factor	Level	Line	Limit	
		dBm	dB	dB	dBm/m	dBm/m	dB	
24047.36	-44.52	62.99	54.12	-35.65	-26.00	-9.65	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor

23.65GHz-24.05GHz-Horizontal

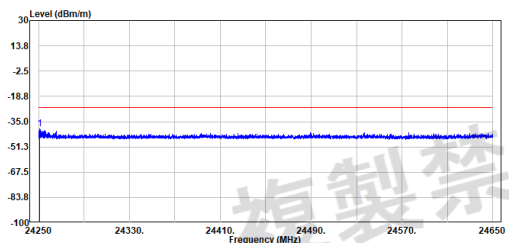
23.65GHz-24.05GHz-Vertical



Antenna Polarity :Horizontal

No.	Freq	Read	Aux	Preamp	Emission	Limit	Over	Remark
	MHz	level	Factor	Factor	Level	Line	Limit	
		dBm	dB	dB	dBm/m	dBm/m	dB	
24250.24	-38.52	62.33	54.20	-30.39	-26.00	-4.39	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor



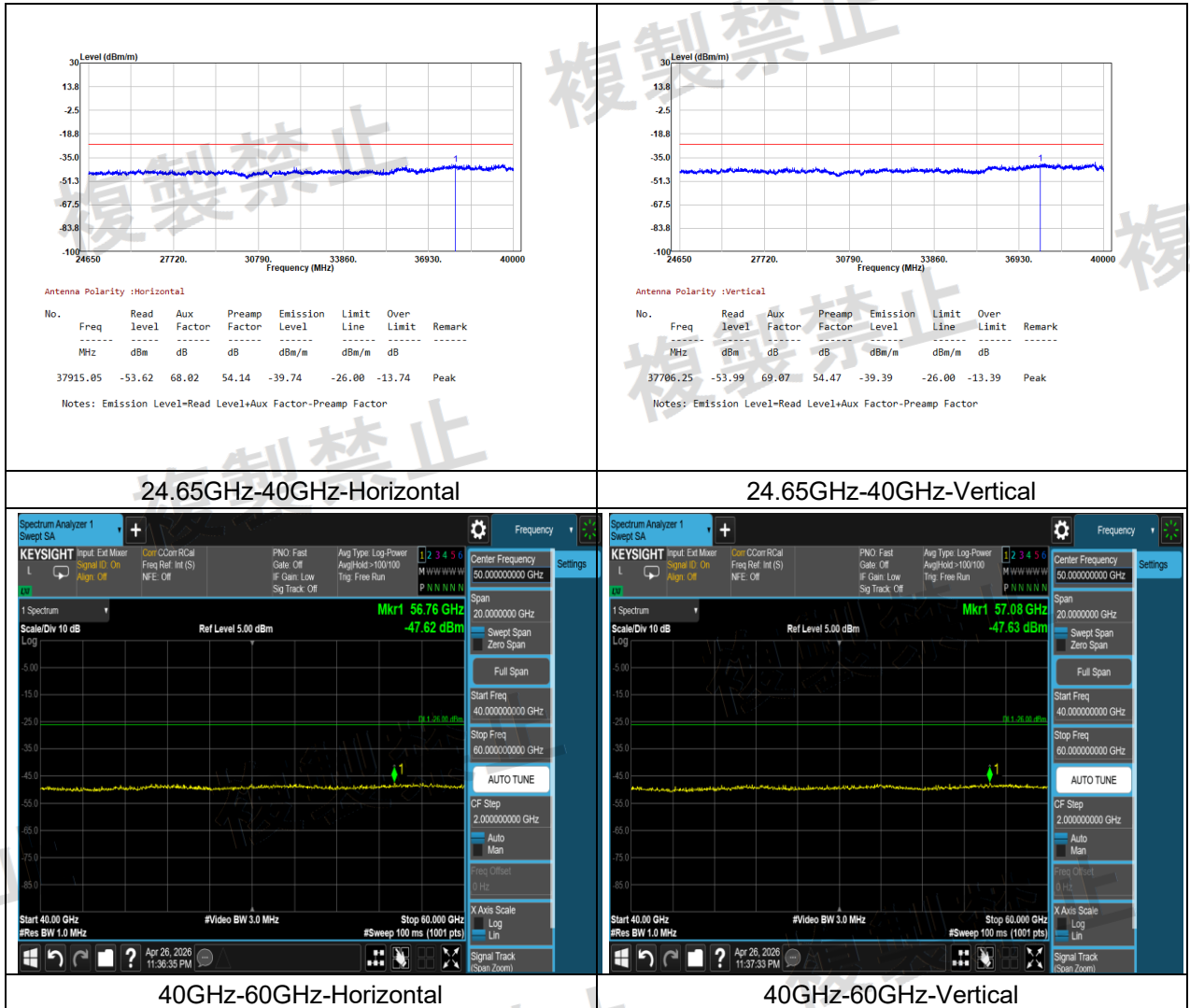
Antenna Polarity :Vertical

No.	Freq	Read	Aux	Preamp	Emission	Limit	Over	Remark
	MHz	level	Factor	Factor	Level	Line	Limit	
		dBm	dB	dB	dBm/m	dBm/m	dB	
24250.72	-48.55	63.29	54.20	-39.46	-26.00	-13.46	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor

24.25GHz-24.65GHz-Horizontal

24.25GHz-24.65GHz-Vertical



6.9 Secondary Radiated Emission Strength

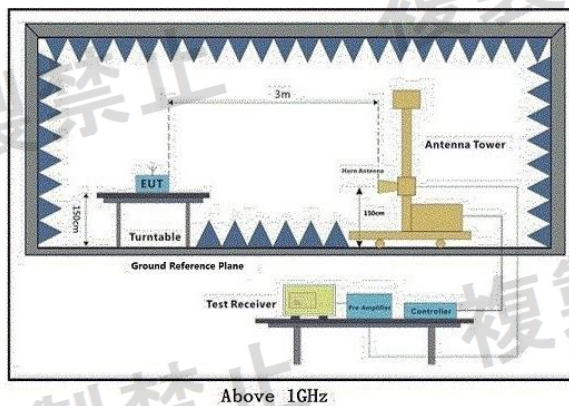
Test Requirement: Item 8 of Article 2-1

Text Method: MIC Notice No.88, Annex22-16

2.5 μ W or less

Test Status: Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture). Following channel(s) was (were) selected for the final test as listed below.

Test Configuration:



Test Procedure:

- 1) Test Conditions:
Spectrum Analyzer is used for measurement.

- 2) EUT conditions:

FMCW Tx

- 3) Spectrum Analyzer conditions:

Step 1

All spurious are measured from 30 MHz to 60 GHz by peak mode.

Step 2

IF the value measured by Step1 is 2 dB or less, measure in average mode.

Test setup for Step 1:

Frequency: 30MHz – 1GHz , 1GHz –60GHz

RBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

VBW 100 kHz (30 – 1GHz) , 1 MHz (over 1GHz)

Sweep Time Auto

detector mode Positive peak

Indication mode Max hold

Test setup for Step 2:

Frequency: Spurious Frequency

RBW 100kHz (30–1GHz) , 1 MHz (over 1GHz)

VBW 100kHz (30–1GHz) , 1 MHz (over 1GHz)

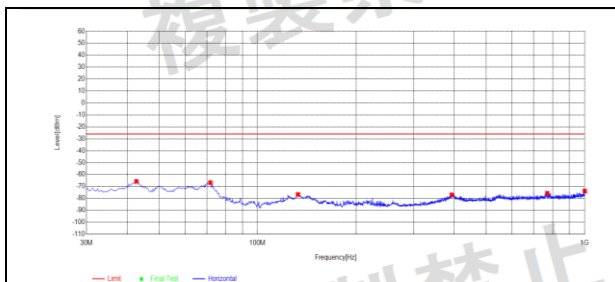
Sweep Time Auto

detector mode Sample

Indication mode Max hold

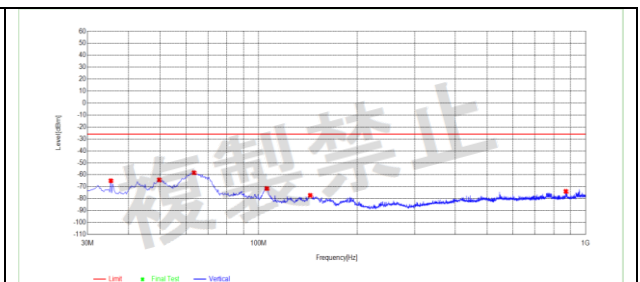
Test Data:

Frequency range (GHz)	Frequency (GHz)	Level (dBm)	Level (μW)	Limit (μW)	Result
0.03-1	0.0635	-58.29	0.001	2.5	Pass
1-18	8.0795	-44.31	0.037	2.5	Pass
18-23.65	23.3957	-43.32	0.047	2.5	Pass
23.65-24.05	23.9529	-43.36	0.046	2.5	Pass
24.25-24.65	24.5618	-43.90	0.041	2.5	Pass
24.65-40	38.4002	-39.07	0.124	2.5	Pass
40-60	56.7800	-47.63	0.017	2.5	Pass



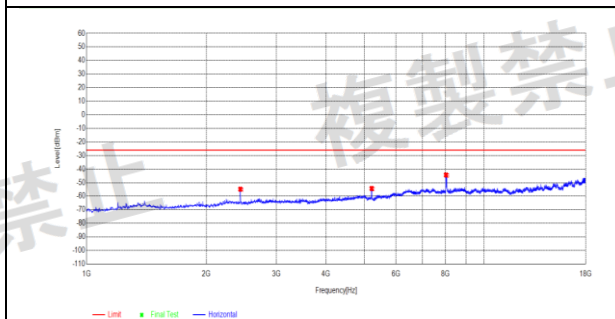
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.61	-65.71	-26.00	39.71	Horizontal
2	71.71	-66.73	-26.00	40.73	Horizontal
3	132.82	-76.63	-26.00	50.63	Horizontal
4	392.0525	-76.95	-26.00	50.95	Horizontal
5	768.17	-75.63	-26.00	49.63	Horizontal
6	1000	-73.76	-26.00	47.76	Horizontal

30MHz-1GHz-Horizontal



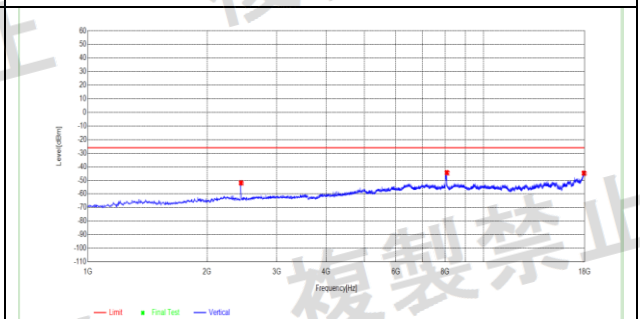
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	35.335	-65.03	-26.00	39.03	Vertical
2	49.6425	-64.27	-26.00	38.27	Vertical
3	63.465	-58.29	-26.00	32.29	Vertical
4	105.9025	-71.52	-26.00	45.52	Vertical
5	143.7325	-77.24	-26.00	51.24	Vertical
6	869.2925	-73.92	-26.00	47.92	Vertical

30MHz-1GHz-Vertical



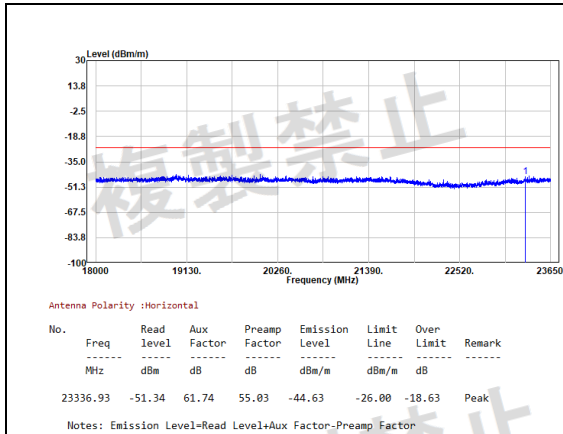
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2436.6437	-54.81	-26.00	28.81	Horizontal
2	5213.0213	-54.32	-26.00	28.32	Horizontal
3	8018.3018	-44.34	-26.00	18.34	Horizontal

1GHz-18GHz-Horizontal

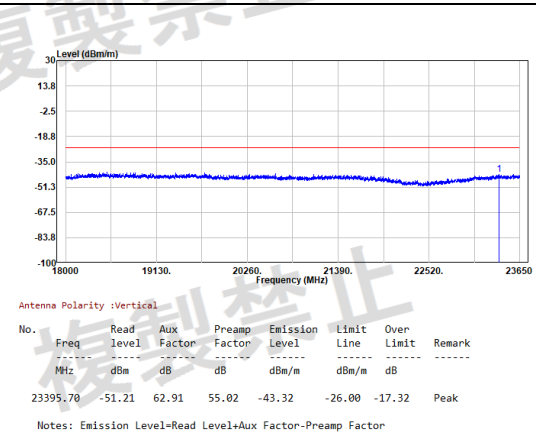


NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2436.6437	-51.88	-26.00	25.88	Vertical
2	8079.508	-44.31	-26.00	18.31	Vertical
3	17933.6934	-44.67	-26.00	18.67	Vertical

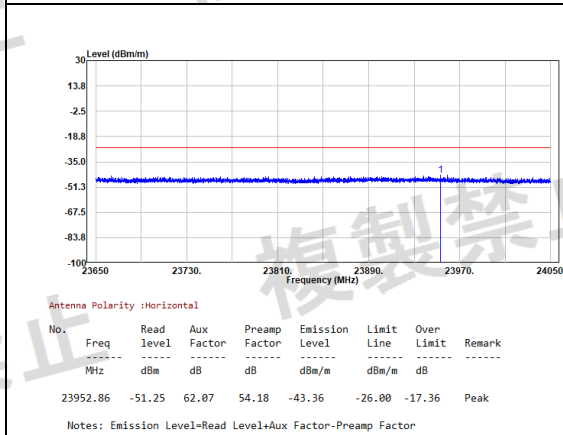
1GHz-18GHz-Vertical



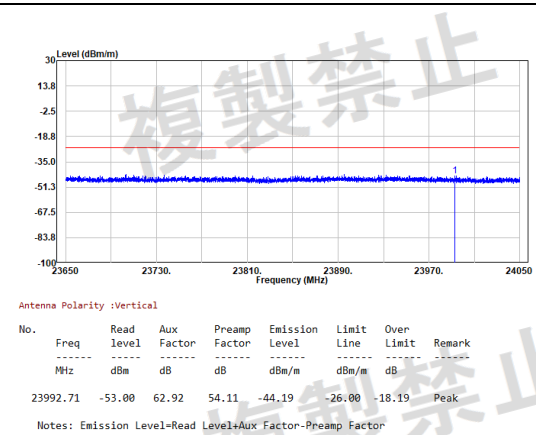
18GHz-23.65GHz-Horizontal



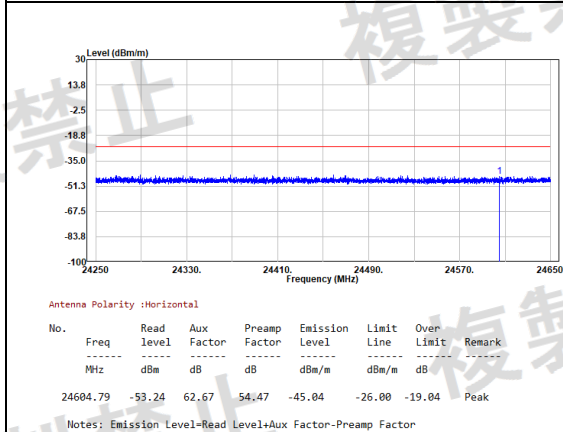
18GHz-23.65GHz-Vertical



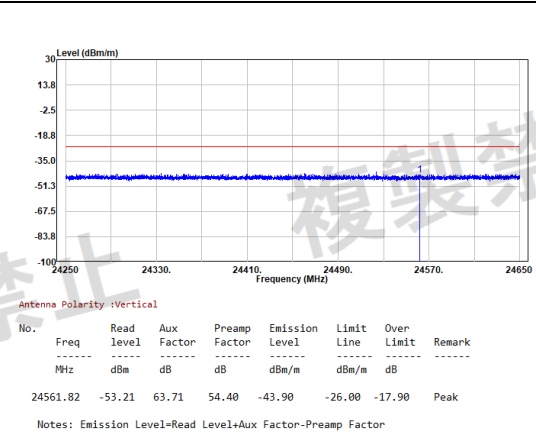
23.65GHz-24.05GHz-Horizontal



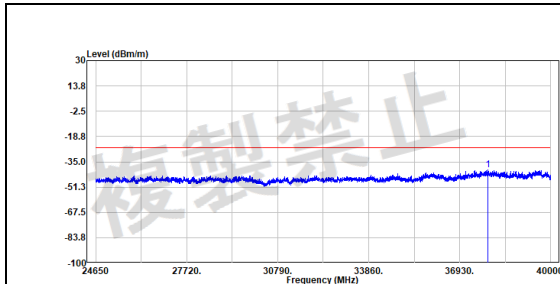
23.65GHz-24.05GHz-Vertical



24.25GHz-24.65GHz-Horizontal



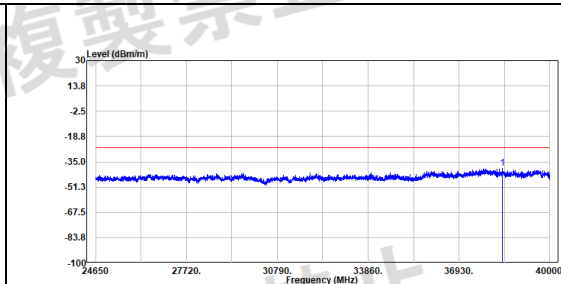
24.25GHz-24.65GHz-Vertical



Antenna Polarity :Horizontal

No.	Freq	Read Level	Aux Factor	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBm	dB	dB	dBm/m	dBm/m	dB	
37878.21	-53.90	68.00	54.19	-40.09	-26.00	-14.09	Peak	

Notes: Emission Level=Read Level+Aux Factor-Preamp Factor



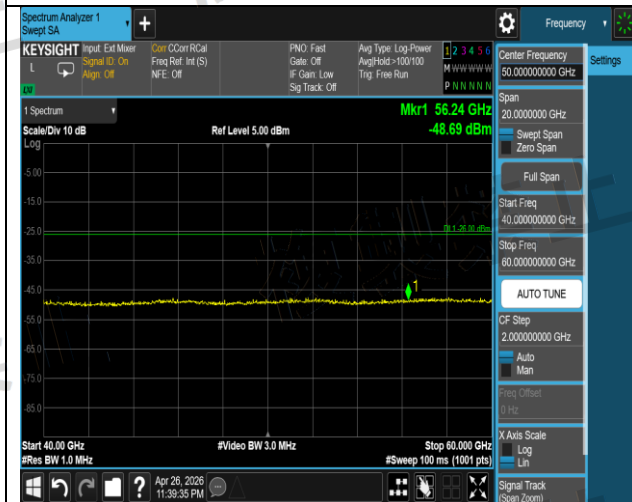
Antenna Polarity :Vertical

No.	Freq	Read Level	Aux Factor	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBm	dB	dB	dBm/m	dBm/m	dB	
38400.21	-53.62	69.67	55.12	-39.07	-26.00	-13.07	Peak	

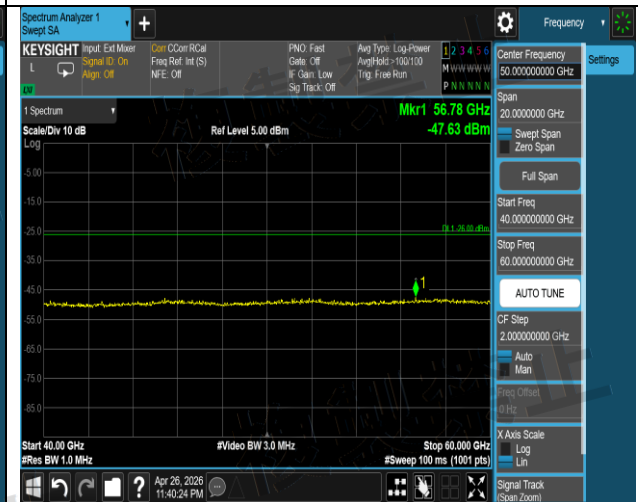
Notes: Emission Level=Read Level+Aux Factor-Preamp Factor

24.65GHz-40GHz-Horizontal

24.65GHz-40GHz-Vertical



40GHz-60GHz-Horizontal



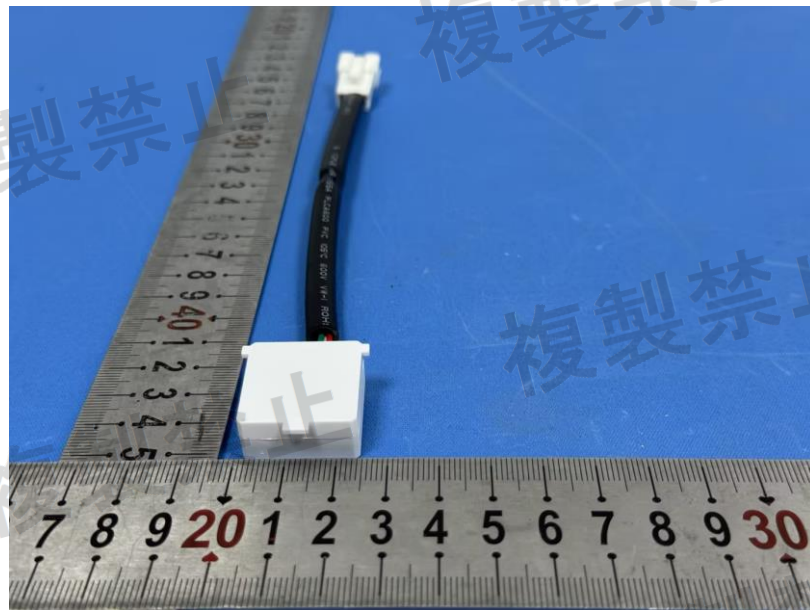
40GHz-60GHz-Vertical

6.10 RF accessibility

The EUT shall be constructed in such a way that sensitive RF parts, (like modulation and oscillator parts) cannot be reached easily by the user. These parts shall be covered by soldered metal caps or glue or by other mechanical covers. If the covers are fixed with screws, these shall be not the common type(s) like a Phillips, but special versions like Torx, so that the user cannot open the device with common tools.

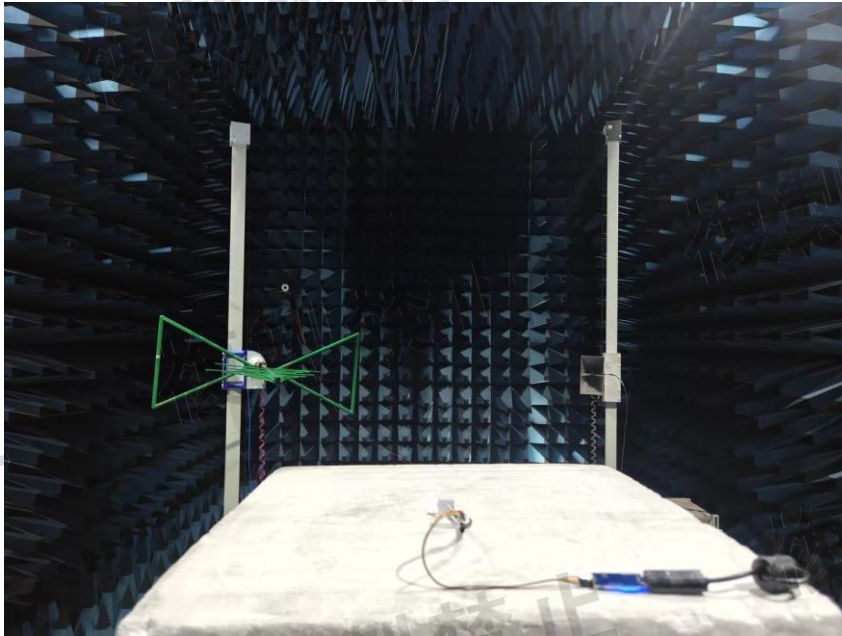
Conclusion:

The surface of the equipment, except for the interface part, is completely sealed with plastic to prevent opening. There is also sealant at the connection and pressing positions between the upper shell and the lower shell, and the upper and lower shells are sealed.

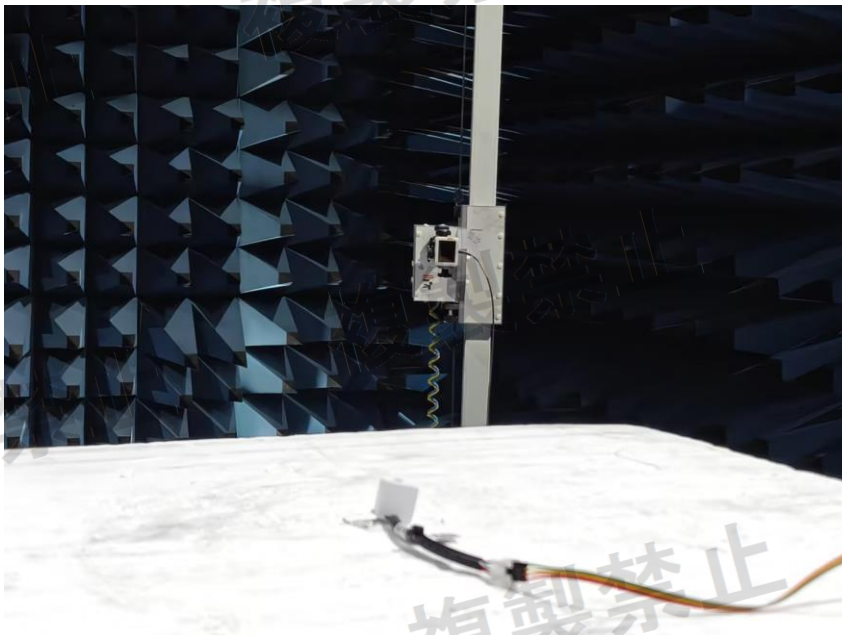


7 Test Setup Photo

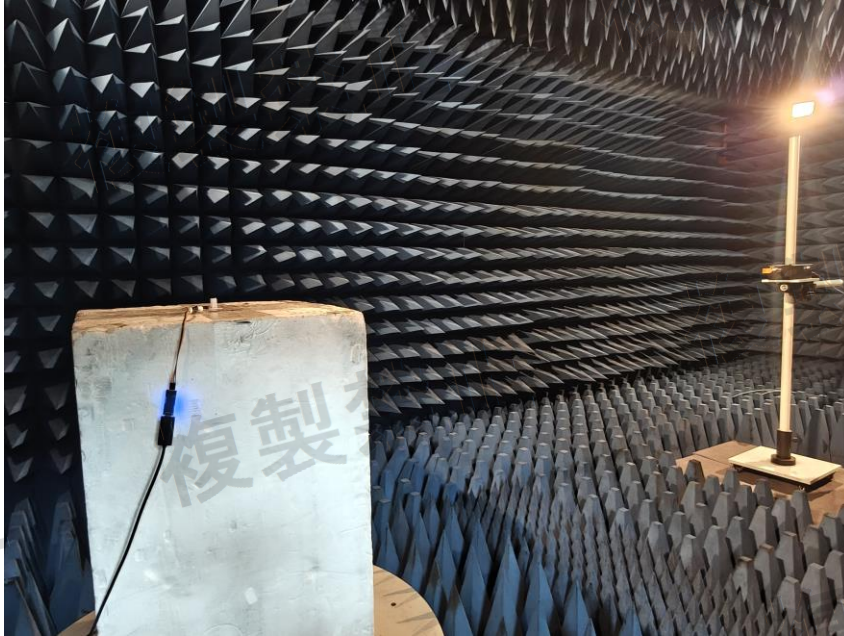
Radiated test setup (30MHz-18GHz)



Radiated test setup (18GHz-40GHz)



Radiated test setup (Above 40GHz)



8 EUT Constructional Details (EUT Photos)

Refer to Appendix - Photographs of EUT Constructional Details for KSCR2603000529HS

--End of the Report--