

JAPAN SPECIFIED RADIO EQUIPMENT

TEST REPORT

For

77GHz mmWave radar.

Trade Name: WHETRON

Model: A2418900T

Issued to

WHETRON ELECTRONICS CO., LTD.

**5F., No.959, Jhongjheng Rd., Jhonghe Dist., New Taipei City 235,
Taiwan (R.O.C.).**

Issued by

Compliance Certification Services Inc.

Wugu Laboratory

**No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City, Taiwan.**

Issued Date: July 1, 2026

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	June 24, 2026	Initial Issue	ALL	Peggy Tsai
01	July 1, 2026	See the following Note Rev.(01)	P. 1, 4, 5, 7	Peggy Tsai

Rev. (01)

1. Modify model number.

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1. TEST RESULT CERTIFICATION

Applicant: WHETRON ELECTRONICS CO., LTD.
5F., No.959, Jhongjheng Rd., Jhonghe Dist., New Taipei
City 235, Taiwan (R.O.C.).

Manufacturer: WHETRON ELECTRONICS CO., LTD.
No. 18, Shangfa 6th Rd., Daliao Dist., Kaohsiung City 831,
Taiwan (R.O.C.)

Equipment Under Test: 77GHz mmWave radar.

Model Number: A2418900T

Detailed EUT Description: See Item 3 of this report

Date of Test: June 4 ~ 5, 2026

EUT Receive Date: May 29, 2026

APPLICABLE STANDARDS	
CLASSIFICATION	TEST RESULT
Article 2 Clause 1 Item 8	Compliance
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

The above equipment was tested by Compliance Certification Services Inc. for compliance with the requirements set forth in Article 2 Clause 1 Item 8. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Measurement was conducted by the following test method: the test method of Ordinance Concerning Technical Regulations Conformity Certification etc. of Specified Radio Equipment in Annex 1, the Ministry of Internal Affairs and Communication notification in Annex 22-14 of Article 88, Paragraph 1 or the test method more than equivalent.

Approved by:

sehni. Hu

Sehni Hu
Supervisor
Compliance Certification Services Inc.

2. EUT DESCRIPTION

Product Name	77GHz mmWave radar.
Model Name	A2418900T
Trade Name	WHETRON
Power Supply	Power from power supply. (DC 12V)
Frequency Range	76-76.38 GHz
Rated Antenna Power (mW)	9.7724
Measured Antenna Power (mW)	8.5404
Test Category	Millimeter-Wave Radar Equipment
Modulation Technique	FMCW
Antenna Specification	Type: PCB antenna Brand: WHETRON Gain: 12.63 dBi
Serial number	WTR 006
H.W Version	7109-R2
S.W Version	ver 9.6.4.5

Remark:

1. For more details, please refer to the User's manual of the EUT.
2. Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.

3. TEST METHODOLOGY & CONDITIONS

3.1 TEST CONDITIONS

Voltage Fluctuation Test	Normal Voltage	High Voltage + 10% of Normal Voltage	Low Voltage - 10% of Normal Voltage
Input DC Power	12	13.2	10.8
Output DC Power	1.8	1.8	1.8
Voltage Variation (%)	0	0	0

Regulator IC: MAX25302BATD/V+T

Voltage Variation (%) = (Output High or Low Voltage - Output Normal Voltage) / Output Normal Voltage * 100

During the input supply voltage to the EUT from the external power source is varied by +/- 10%, if output voltage had been confirmed that the fluctuation of power supply to the RF circuit of EUT (excluding power source) is equal to or less than +/- 1%.Exempt extremely high and low supply voltage condition tests, EUT only operated in normal voltage to test all regulations.

3.2 TESTING APPLIED STANDARDS

MIC Notice No.88 Appendix No.22-14

MIC Notice No.88 Appendix No.1

MIC Certification Rule, Article 2 Paragraph 1 Item 8

MIC Ordinance Regulating Radio Equipment Article 49.14

ARIB STD-48

3.3 DESCRIPTION OF TEST MODES

The EUT (model: A2418900T) had been tested under operating condition.
The EUT was programmed to be in continuously transmitting/receiving mode.

Frequency (76~77 GHz) were chosen for full testing.

Radiated Emission Measurement Above 1G	
Test Condition	Radiated Emission Above 1G
Power supply Mode	Mode 1: EUT power by Power Supply
Worst Mode	☒ Mode 1 ☐ Mode 2 ☐ Mode 3 ☐ Mode 4
Worst Position	☐ Placed in fixed position. ☐ Placed in fixed position at X-Plane (E2-Plane) ☒ Placed in fixed position at Y-Plane (E1-Plane) ☐ Placed in fixed position at Z-Plane (H-Plane)

Radiated Emission Measurement Below 1G	
Test Condition	Radiated Emission Below 1G
Power supply Mode	Mode 1: EUT power by Power Supply
Worst Mode	☒ Mode 1 ☐ Mode 2 ☐ Mode 3 ☐ Mode 4

Remark:

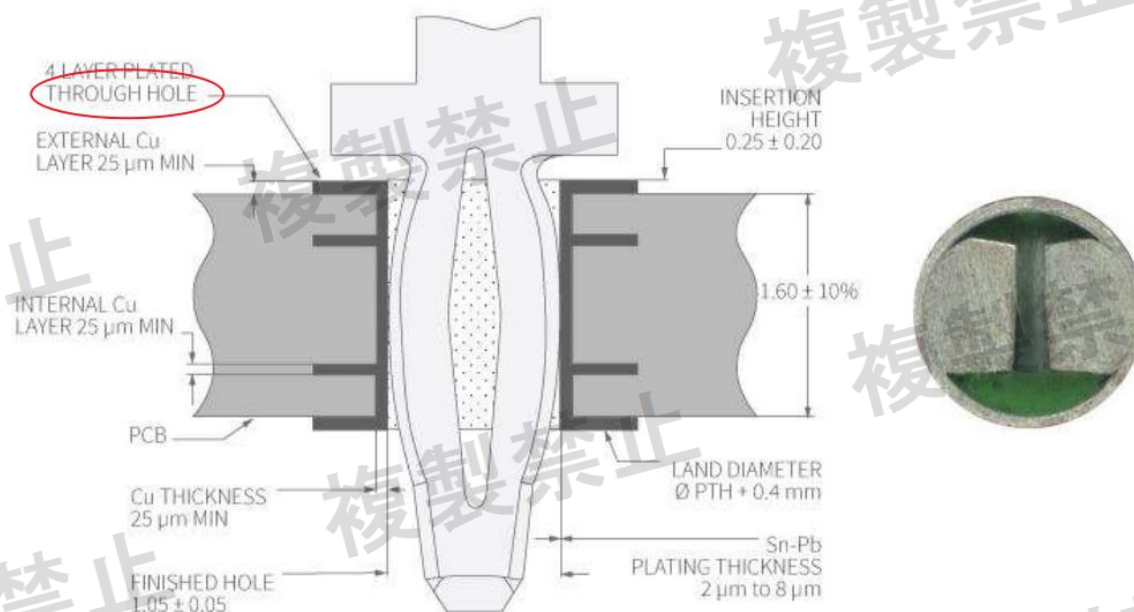
1. The worst mode was record in this test report.
2. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(Y-Plane) were recorded in this report.

3.4 RF SHIELDING METHOD

The RF module and associated circuitry are enclosed within a mechanically secured structure utilizing an press-fit pin fastening mechanism. Once assembled, the structure provides a sealed configuration that prevents access to RF-related components without destructive disassembly. RF-related parameters cannot be readily modified by end users.



0.64 mm press-fit pin cross-section



3.5 SETUP OF EQUIPMENT UNDER TEST

Setup Diagram

See test photographs attached in Appendix 1 for the actual connections between EUT and support equipment.

Support Equipment

Support Unit List					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due
Power Cable	N/A	N/A	N/A	N/A	N/A
DC Power Cable	MISUMI	MCR3S-RE	N/A	N/A	N/A

4 INSTRUMENT AND CALIBRATION

4.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated once a year or in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2 TEST AND MEASUREMENT EQUIPMENT

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and other equivalent standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective manual.

4.3 EQUIPMENT USED FOR EMISSION MEASUREMENT

966A Radiated mmwave								
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due	Calibration Lab	Accreditation Organization of the-Cal. Lab	Calibration Method
Active Loop Antenna	COM-POWER	AL-130	121051	2026-02-04	2027-02-03	ETC	TAF	c
Preamplifier	EMEC	EM330	060609	2026-02-13	2027-02-12	ETC	TAF	c
Thermo-Hygro Meter	HTC	HTC-1	HTC-D06	2026-05-19	2027-05-18	ETC	TAF	c
Signal Analyzer	Aglient	N9010A	MY52220817	2026-03-13	2027-03-12	ETC	TAF	c
Preamplifier	HP	8449B	3008A00965	2025-12-17	2026-12-16	ETC	TAF	c
Cable	EMCI	EMC101G	1508S0193+230 205+250412	2026-01-14	2027-01-13	ETC	TAF	c
Signal Generator	R&S	SMB100A	175936	2026-01-21	2027-01-20	ETC	TAF	c
STANDARD GAIN HORN ANTENNA	CMI	RCHO05R	RCHO05R	2023-06-22	2026-06-21	HCT	TAF	c
STANDARD GAIN HORN ANTENNA	CMI	RCHO08R	RCHO08R	2023-06-16	2026-06-15	HCT	TAF	c
STANDARD GAIN HORN ANTENNA	CMI	RCHO12R	RCHO12R	2023-06-16	2026-06-15	HCT	TAF	c
STANDARD GAIN HORN ANTENNA	CMI	RCHO19R	RCHO19R	2023-06-15	2026-06-14	HCT	TAF	c
SA EXTENSION MODULE	VDI	SAX WR8.0	SAX982	2023-06-14	2026-06-13	HCT	TAF	c
SA EXTENSION MODULE	VDI	SAX WR12	SAX983	2023-06-14	2026-06-13	HCT	TAF	c
SA EXTENSION MODULE	VDI	SAX WR19	SAX993	2023-06-14	2026-06-13	HCT	TAF	c
SA EXTENSION MODULE	VDI	SAX WR5.1	SAX995	2023-06-16	2026-06-15	HCT	TAF	c
Bi-Log Antenna	Sunol Sciences	JB3	A030105&532	2025-06-26	2026-06-25	ETC	TAF	c
Horn Antenna	SCHWARZBEC K	BBHA9170	1047	2025-12-09	2026-12-08	ETC	TAF	c
Pre-Amplifier	EMCI	EMC184045SE	980860	2025-11-19	2026-11-18	ETC	TAF	c
Bi-Log Antenna	Sunol Sciences	JB1	A052609&533	2025-12-17	2026-12-16	ETC	TAF	c
Horn Antenna	ETS LINDGREN	3116	26370	2025-12-19	2026-12-18	ETC	TAF	c
Horn Antenna	ETS LINDGREN	3117	55163	2025-12-09	2026-12-08	ETC	TAF	c
Horn Antenna	ETC	MCTD 1209	DRH13M02003	2025-12-19	2026-12-18	ETC	TAF	c
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R	N.C.R	N.C.R	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R	N.C.R	N.C.R	N.C.R	N.C.R
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R	N.C.R	N.C.R	N.C.R
Software	e3 V9-210616c							

Conducted TELEC (All)								
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due	Calibration Lab	Accreditation Organization of the-Cal. Lab	Calibration Method
Constant Temperature Humidity Chamber	TERCHY	MHG-150LF	930619	2025-10-14	2026-10-13	ETC	TAF	c
Cable	EMCI	EMC101G	1508S0193+230205+250412	2026-01-14	2027-01-13	ETC	TAF	c
STANDARD GAIN HORN ANTENNA	CMI	RCHO12R	RCHO12R	2023-06-16	2026-06-15	HCT	TAF	c
SA EXTENSION MODULE	VDI	SAX WR12	SAX983	2023-06-14	2026-06-13	HCT	TAF	c
DC Power Source	GWINSTEK	SPS-3610	GPE880163	2025-10-14	2026-10-13	ETC	TAF	c
Vibration table	KingDesign	EM-200F2K-25N50	RM103104391	2025-08-20	2026-08-19	KingDesign	TAF	c
PSA Signal Analyzer	Keysight	N9030B	MY62291089	2025-09-24	2026-09-23	ETC	TAF	c
Software	N/A							

Remark:

- Each piece of equipment is scheduled for calibration once a year.
- Calibration Method:
 - Calibration conducted by the National Institute of Information and Communications Technology (NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1)
 - Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992)
 - Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated calibration agency under Article 102-18 paragraph (1)
 - Calibration conducted by using measuring instruments and other equipment listed in the right column of Table No. 3 attached hereto, which shall have been given any of calibration, etc. listed above from a) to c)

4.4 MEASUREMENT UNCERTAINTY

For the test methods, according to the present document, the measurement uncertainty figures shall be calculated in accordance with TR 100 028-1 [2] and shall correspond to an expansion factor (coverage factor) $k = 1,96$ or $k = 2$ (which provide confidence levels of respectively 95 % and 95,45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)).

Table is based on such expansion factors.

Table: Maximum measurement uncertainty

Parameter	Uncertainty
RF frequency	$\pm 1 \times 10^{-5}$
Total RF power conducted	$\pm 1,5$ dB
RF power density, conducted	± 3 dB
Spurious emissions, conducted	± 3 dB
All emissions, radiated	± 6 dB
Humidity	± 5 %
Temperature	$\pm 1^{\circ}\text{C}$
DC and low frequency voltages	$\pm 3\%$

Lab's MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
Radiated Emission_9kHz-30MHz	± 2.750 dB
Radiated Emission_30MHz-200MHz	± 3.874 dB
Radiated Emission_200MHz-1GHz	± 4.065 dB
Radiated Emission_1GHz-6GHz	± 5.594 dB
Radiated Emission_6GHz-18GHz	± 5.556 dB
Radiated Emission_18GHz-26GHz	± 3.165 dB
Radiated Emission_26GHz-40GHz	± 3.216 dB
Radiated Emission_40GHz-60GHz	± 2.259 dB
Radiated Emission_60GHz-90GHz	± 2.215 dB
Radiated Emission_90GHz-140GHz	± 2.225 dB
Radiated Emission_140GHz-220GHz	± 2.207 dB
Radiated Emission_220GHz-325GHz	± 2.311 dB

5 SUMMARY OF TEST RESULTS

MIC No.88 Appendix 22-14	Classification of EUT	Result
6	Antenna Power	Compliance
6	Antenna Power Tolerance	Compliance
-	Transmitter Antenna Gain	Compliance
4	Occupied Bandwidth	Compliance
2,3,4	Frequency Tolerance	Compliance
5	Spurious Emission Strength, Out-band area	Compliance
5	Unwanted Emission Strength, Spurious area	Compliance

5.1 TEST RESULT

Temperature: 25.3 ~ 25.4°C

Test date: June 4 ~ 5, 2026

Humidity: 52 ~ 56% RH

Tested by: Jerry Chang

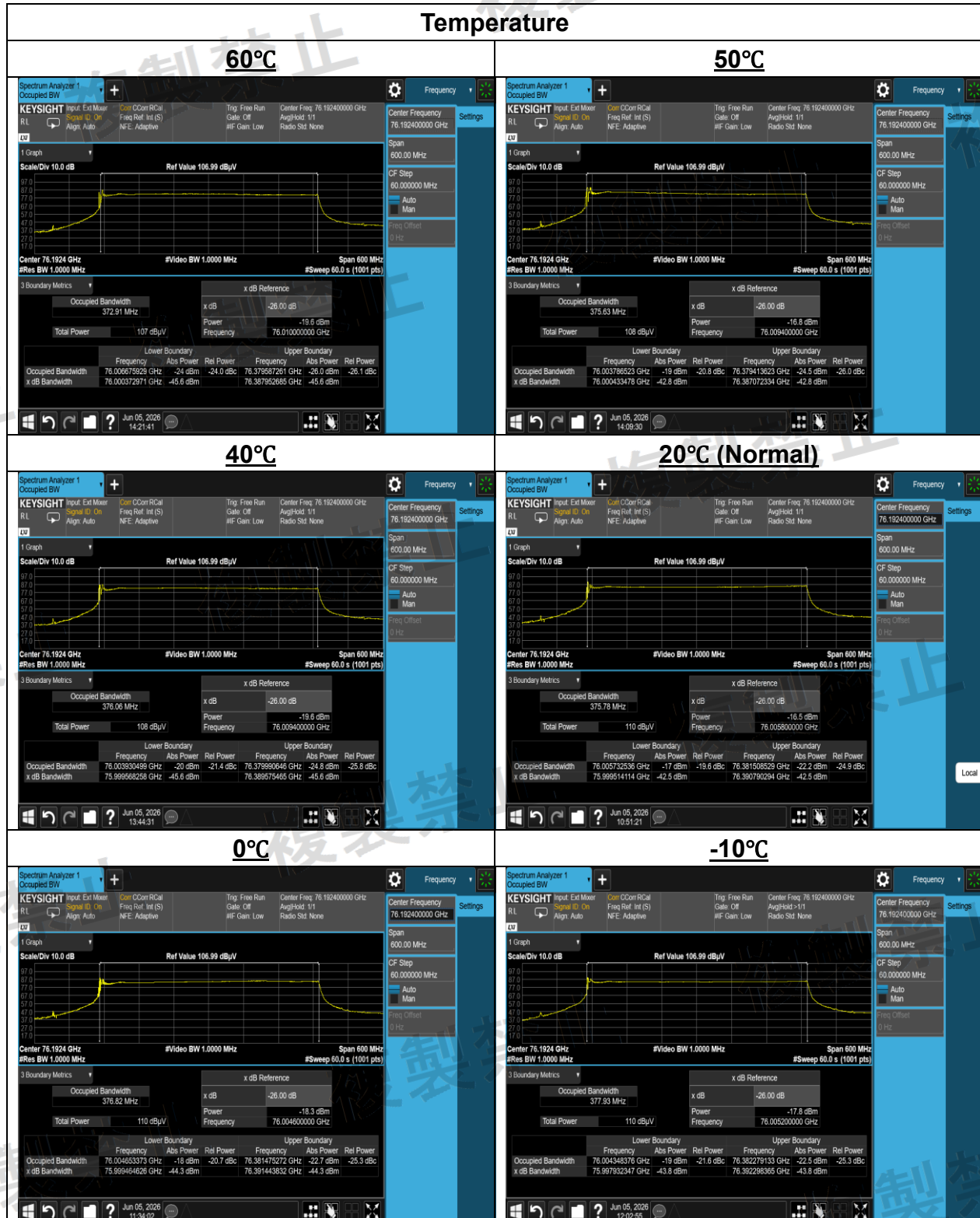
Environment of Test Room	Temperature	25.3~25.4	°C
	Humidity	52~56	%

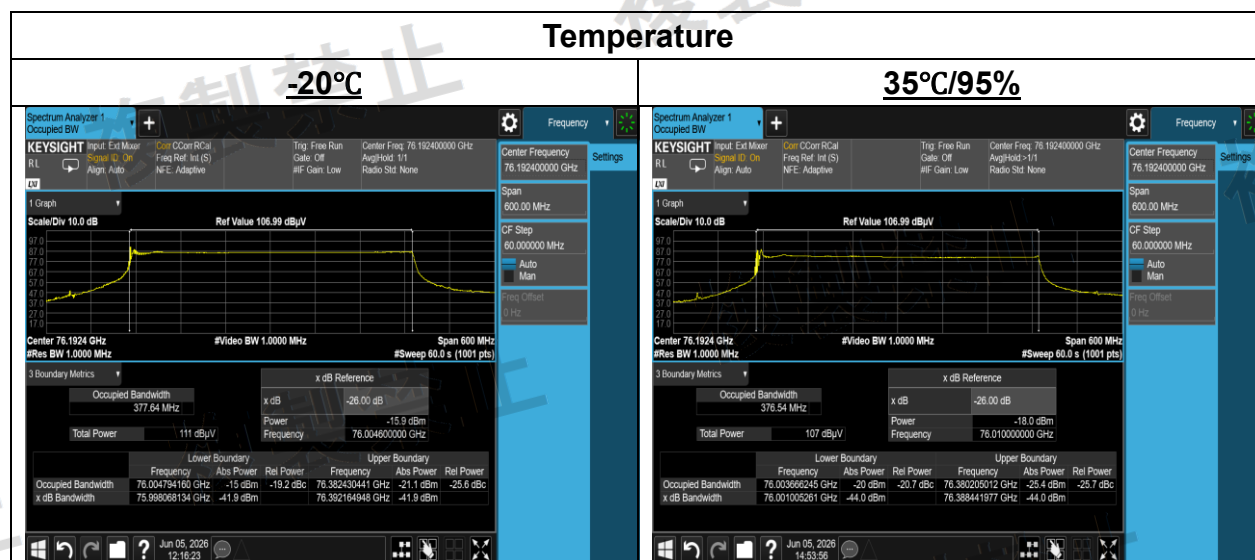
Description	Value		Limit
Peak Antenna Gain	12.63	dBi	<40dBi
Declaration Output Power	9.7724	mW	10mW
Declaration Output Power	9.9	dBm	10dBm
E.I.R.P	156.49	mW	
	21.94	dBm	
Input Power Voltage	12	VDC	

5.2 FREQUENCY TOLERANCE

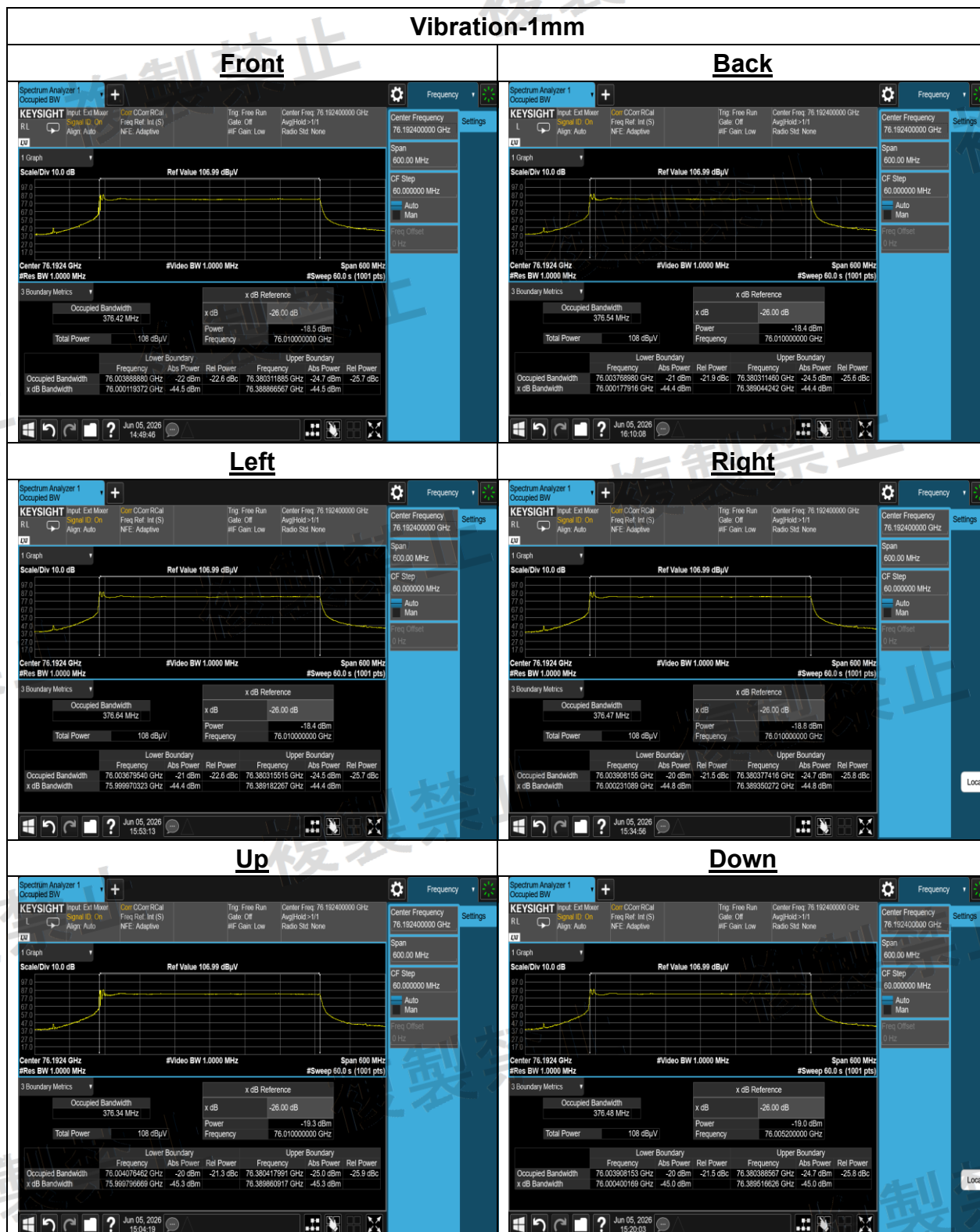
Measurement Frequency	GHz	76.19
-----------------------	-----	-------

Frequency Error						
Frequency Tolerance - Temperature		-----	Freq. Low	Freq. High	-----	NOTES
60°C	Reading Frequency	GHz	76.006675929	76.379587261	Pass	76~77GHz
50°C	Reading Frequency		76.003786523	76.379413623	Pass	
40°C	Reading Frequency		76.003930499	76.379990646	Pass	
20°C (Normal)	Reading Frequency		76.005732536	76.381508529	Pass	
0°C	Reading Frequency		76.004653373	76.381475272	Pass	
-10°C	Reading Frequency		76.004348376	76.382279133	Pass	
-20°C	Reading Frequency		76.004794160	76.382430441	Pass	
Frequency Tolerance - Humidity		-----	Freq. Low	Freq. High	-----	NOTES
35°C/95%	Reading Frequency	GHz	76.003666245	76.380205012	Pass	76~77GHz
Frequency Tolerance-Vibration-1mm		-----	Freq. Low	Freq. High	-----	NOTES
Front	Reading Frequency	GHz	76.003888880	76.380311885	Pass	76~77GHz
Back	Reading Frequency		76.003768998	76.380311460	Pass	
Left	Reading Frequency		76.003679540	76.380315515	Pass	
Right	Reading Frequency		76.003908155	76.380377416	Pass	
Up	Reading Frequency		76.004076462	76.380417991	Pass	
Down	Reading Frequency		76.003908153	76.380388567	Pass	
Frequency Tolerance-Vibration-3mm		-----	Freq. Low	Freq. High	-----	NOTES
Front	Reading Frequency	GHz	76.003695545	76.380354972	Pass	76~77GHz
Back	Reading Frequency		76.003504755	76.380325379	Pass	
Left	Reading Frequency		76.005587345	76.380308738	Pass	
Right	Reading Frequency		76.005262205	76.380253950	Pass	
Up	Reading Frequency		76.003728261	76.380288400	Pass	
Down	Reading Frequency		76.003548557	76.380344639	Pass	

TEST PLOTS**Temperature**



TEST PLOTS

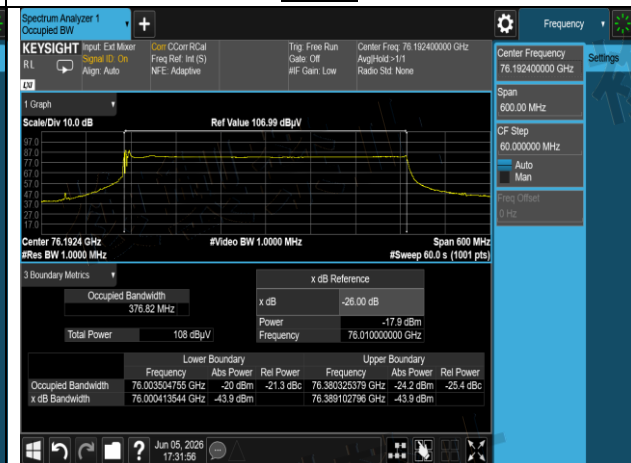


Vibration-3mm

Front



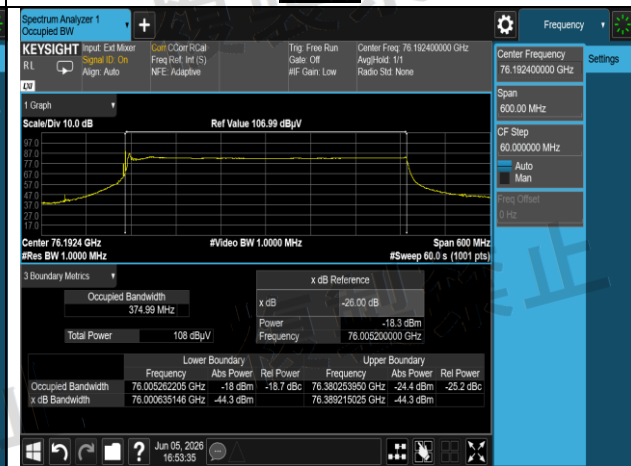
Back



Left



Right



Up



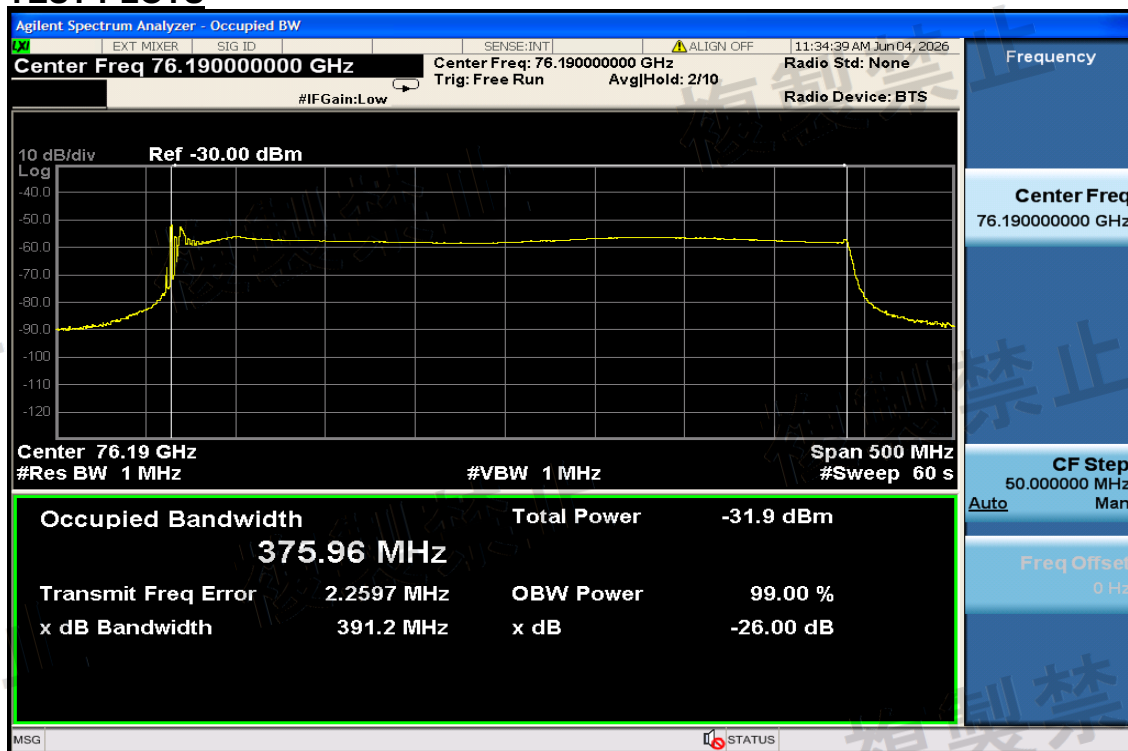
Down



5.3 OCCUPIED BANDWIDTH

Occupied Bandwidth				
Frequency Range (GHz)	Freq. Low	Freq. High	OBW (GHz)	Limit
76~77	76.00428	76.38024	0.37596	<1GHz

TEST PLOTS



**5.4 ANTENNA POWER/ANTENNA POWER TOLERANCE/TRANSMITTER
ANTENNA GAIN**

Measurement Frequency	GHz	76.19	Result	NOTES
-	-	-	-----	
Occupied Bandwidth	GHz	0.37596	PASS	<1GHz
RF Output Power	mW	8.5404	PASS	<10mW
RF Output Power Tolerance	%	-12.61	PASS	+50~-70
RF Output Power	dBm	9.31	PASS	<10dBm
EIRP Output Power	dBm	21.94	-	

Antenna Power Tolerance											
Measurement distance(D)	Measurement Frequency(GHz)	Measurement Level(dBuV)	AF(dB/m)	Mixer	Cable	EIRP(dBm)	Gain of EUT ANT	Antenna Power(dBm)	Antenna Power(W)	Limit(W)	Result
0.5	76.19	68.91	46.1	11.00	6.73	21.94	12.63	9.31	0.008540	0.01	Pass
0.01W or less											

Note:

1. Refer to the following for the worst mode.
2. Factor= AF(dB/m)+ Mixer loss + Cable loss+20*log(d)-104.77
EIPR=Measurement level(dBuV/m)+Factor
Antenna Power=EIRP[dBm]-Gain of the EUT Antenna

5.5 SPURIOUS EMISSION STRENGTH, OUT-BAND AREA/UNWANTED EMISSION STRENGTH, SPURIOUS AREA

Measurement Frequency	GHz	76.1924				
-	966A EIRP 30M~18G @3m, 18G~40G @1m					
Transmitter Spurious Emissions	POL	Worst Freq.(MHz)	Worst Level (dBm/MHz)	Worst Level	Limit	Result
				(uW/MHz)	(uW/MHz)	
Under 1GHz	V	244.37	-65.59	0.0003	50	PASS
	H	244.0063	-70.36	0.0001		PASS
1GHz~18GHz	V	13696.02	-37.14	0.1932		PASS
	H	13667.23	-36.29	0.2350		PASS
18GHz~40GHz	V	23586.14	-57.42	0.0018		PASS
	H	25770.74	-56.98	0.0020		PASS

Tx Spurious										
Measurement Frequency	GHz		76.1924							
Measurement distance(D)	Transmitter Spurious Emissions	Worst Freq. (GHz)	Measurement Level(dBuV/m)	AF(dB/m)	Mixer	Cable	Worst EIRP Level (dBm/MHz)	Worst EIRP Level (uW/MHz)	Limit (uW/MHz)	Result
0.5	40GHz~60GHz	50.78	19.91	42.80	13.47	6.73	-27.88	1.627	50.00	Pass
0.5	60GHz~74.5GHz	61.02	32.65	45.70	11.77	5.90	-14.77	33.369	50.00	Pass
0.5	74.5GHz~90GHz	82.95	25.5	46.50	11.39	7.06	-20.35	9.224	50.00	Pass
0.2	90GHz~140GHz	101.6	32.26	49.80	13.24	7.77	-15.67	27.073	50.00	Pass
0.15	140GHz~220GHz	152.38	18.52	53.63	12.74	6.73	-29.63	1.090	50.00	Pass

Outband leakage power										
Measurement Frequency	GHz		76.1924							
Measurement distance(D)	Transmitter Spurious Emissions	Worst Freq. (GHz)	Measurement Level(dBuV/m)	AF(dB/m)	Mixer	Cable	Worst EIRP Level (dBm/MHz)	Worst EIRP Level (uW/MHz)	Limit (uW/MHz)	Result
0.5	74.5GHz~76GHz	75.99	34.52	46.1	11	6.6988	-12.47	56.585	100.00	Pass
0.5	77GHz~78.5GHz	77.16	25.49	46.3	10.77	6.81	-21.42	7.215	100.00	Pass

If there is no non-modulation mode, there is no need to test

Note:

1. Below 40GHz

Use substitution method for measurement.

$EIRP = SG \text{ level} + \text{antenna gain} - \text{cable}$

$\text{Margin} = \text{Limit} - EIRP$

2. Above 40GHz

$\text{Factor} = AF(dB/m) + \text{Mixer loss} + \text{Cable loss} + 20 \cdot \log(d) - 104.77$

$EIPR = \text{Measurement level}(dBuV/m) + \text{Factor}$

$\text{Antenna Power} = EIPR[dBm] - \text{Gain of the EUT Antenna}$

3. The worst pattern is recorded in the report after the pre-scan using the Field Strength of Fundamental.

Project No.: TM-2605000389P
Report No.: TMWK2605002335KR

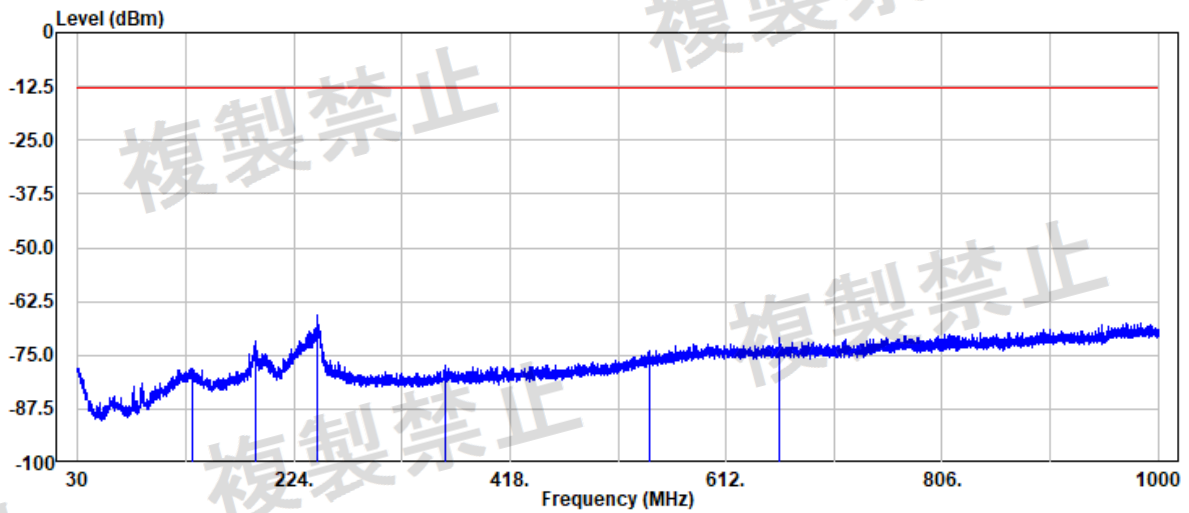
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TEST PLOT: TX Spurious

30MHz ~ 1GHz

Project No : TM-2605000389P
Operation Band : Radar
Frequency : 76.004~76.380 GHz
Operation Mode : TX
EUT Pol : E1
Setting :

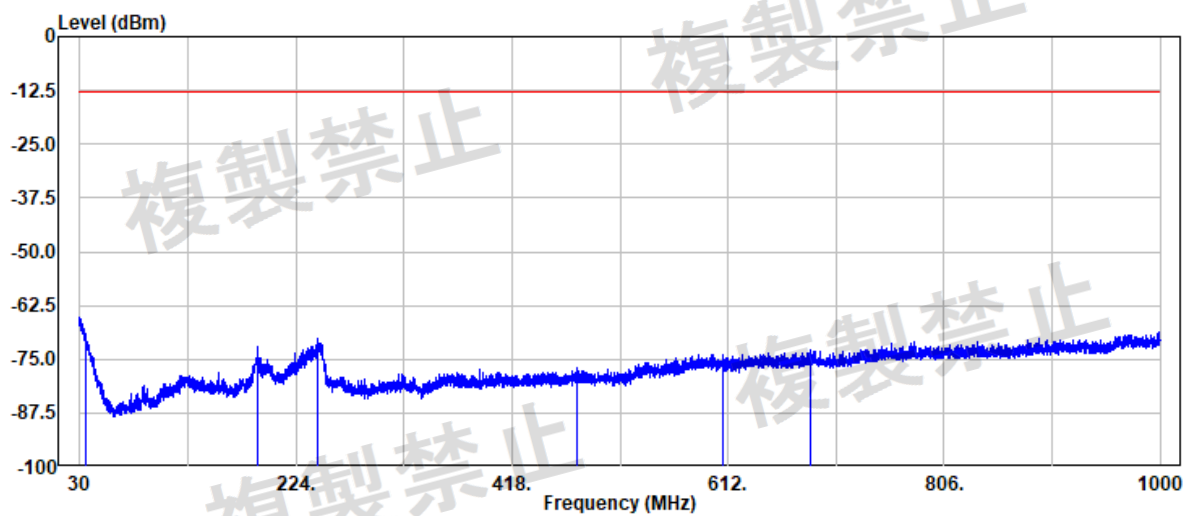
Test Date : 2026-06-04
Temp./Humi. : 25.4/52
Antenna Pol. : VERTICAL
Engineer : Ben.Yang
Test Chamber : 966A



Freq	ERP/EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
-----	-----	-----	-----	-----	-----	-----
MHz	dBm	dBm	dBi/dBd	dB	dBm	
133.31	-78.11	-70.79	-6.89	0.43	-13.01	-65.10
189.32	-71.72	-69.67	-1.53	0.51	-13.01	-58.71
244.37	-65.59	-65.23	0.23	0.59	-13.01	-52.58
360.04	-77.31	-77.46	0.88	0.73	-13.01	-64.30
543.25	-73.82	-73.85	0.93	0.90	-13.01	-60.81
660.38	-71.04	-70.98	0.94	1.00	-13.01	-58.03

Project No : TM-2605000389P
Operation Band : Radar
Frequency : 76.004~76.380 GHz
Operation Mode : TX
EUT Pol : E1
Setting :

Test Date : 2026-06-04
Temp./Humi. : 25.4/52
Antenna Pol. : HORIZONTAL
Engineer : Ben.Yang
Test Chamber : 966A

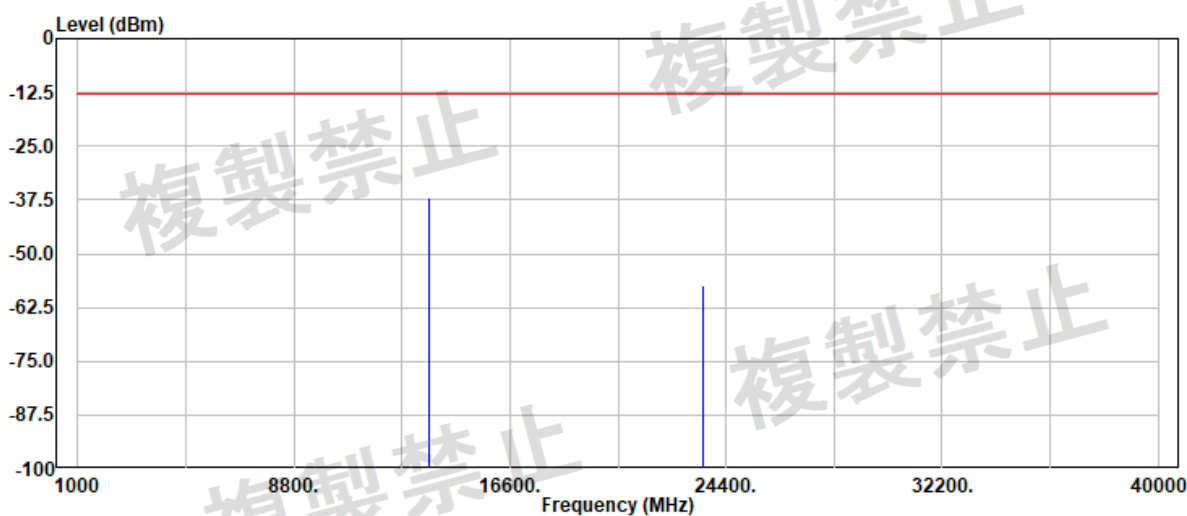


Freq	ERP/EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	
36.06	-70.52	-48.82	-21.47	0.23	-13.01	-57.51
189.08	-72.12	-70.09	-1.51	0.51	-13.01	-59.11
244.01	-70.36	-69.99	0.22	0.59	-13.01	-57.35
476.81	-76.98	-76.38	0.25	0.85	-13.01	-63.97
607.51	-73.87	-74.24	1.32	0.96	-13.01	-60.86
685.60	-73.00	-73.06	1.08	1.02	-13.01	-59.99

1GHz ~ 40GHz

Project No : TM-2605000389P
Operation Band : Radar
Frequency : 76.004~76.380 GHz
Operation Mode : TX
EUT Pol : E1
Setting :

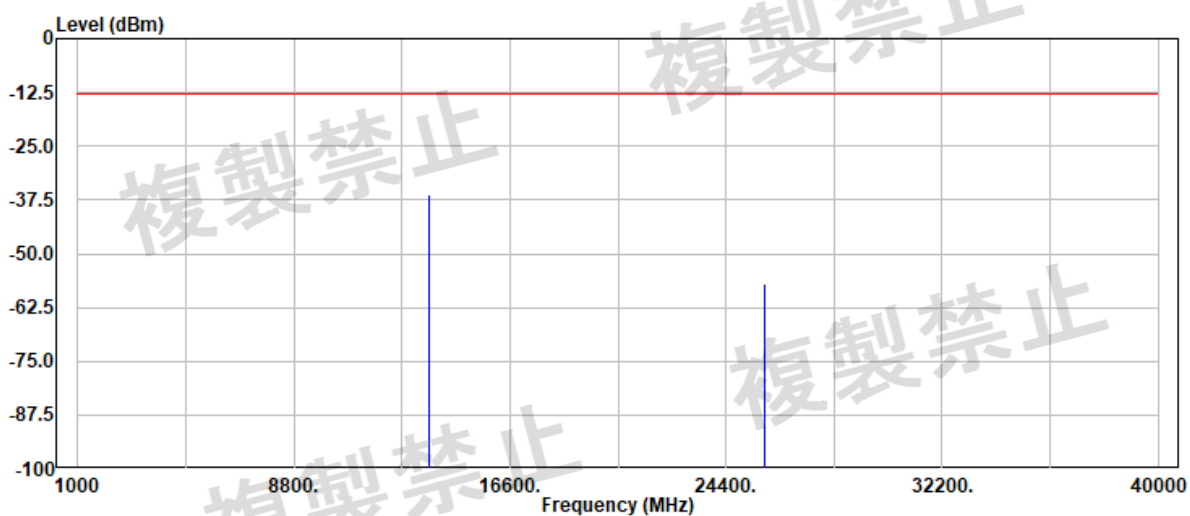
Test Date : 2026-06-04
Temp./Humi. : 25.4/52
Antenna Pol. : Vertical
Engineer : Tony.Chao
Test Chamber : 966A



Freq	ERP/EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	
13696.02	-37.14	-50.13	13.99	4.61	-13.01	-24.13
23586.14	-57.42	-68.56	12.14	6.16	-13.01	-44.41

Project No : TM-2605000389P
Operation Band : Radar
Frequency : 76.004~76.380 GHz
Operation Mode : TX
EUT Pol : E1
Setting :

Test Date : 2026-06-04
Temp./Humi. : 25.4/52
Antenna Pol. : HORIZONTAL
Engineer : Tony.Chao
Test Chamber : 966A

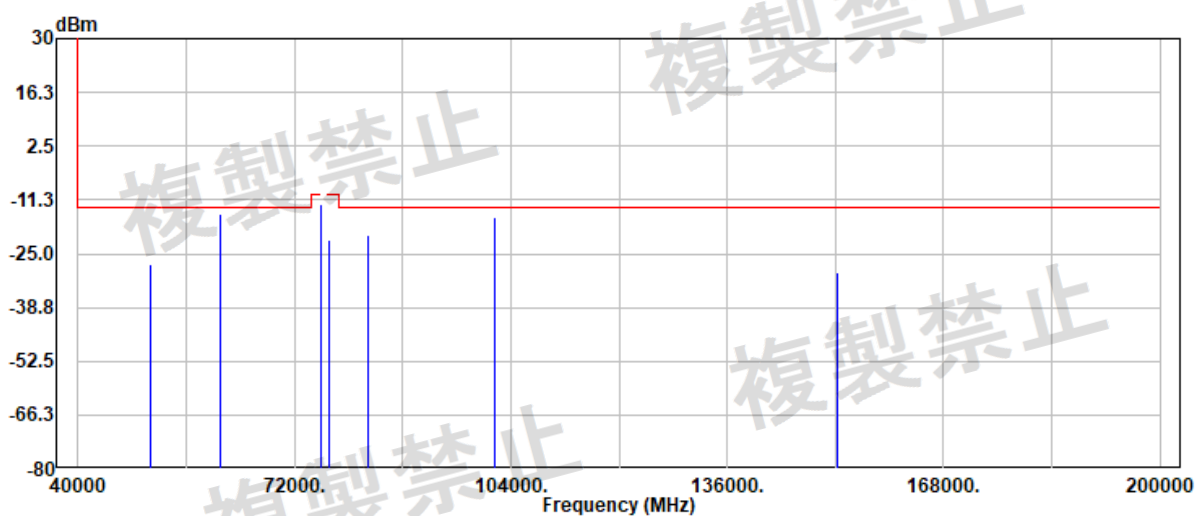


Freq	ERP/EIRP	SG Output Level	Antenna Gain	Cable Loss	Limit	Margin
MHz	dBm	dBm	dBi/dBd	dB	dBm	
13667.23	-36.29	-49.22	13.93	4.60	-13.01	-23.28
25770.74	-56.98	-68.46	12.48	6.53	-13.01	-43.97

40GHz ~ 200GHz

Project No : TM-2605000389P
Operation Band : Radar
Frequency : 76.004~76.380 GHz
Operation Mode : TX
EUT Pol : E1
Setting :

Test Date : 2026-06-04
Temp./Humi. : 25.4/52
Antenna Pol. : Horizontal
Engineer : Tony.Chao
Test Chamber : 966A



Freq	Read	Factor	Actual	Limit	Margin	Detector
MHz	Level		FS			Mode
	dBuV	dB	dBm	dBm	dB	PK/QP/AV
50780.00	19.91	-47.79	-27.88	-13.01	-14.87	Peak
61020.00	32.65	-47.42	-14.77	-13.01	-1.76	Peak
75990.00	34.52	-46.99	-12.47	-10.00	-2.47	Peak
77160.00	25.49	-46.91	-21.42	-10.00	-11.42	Peak
82950.00	25.50	-45.84	-20.34	-13.01	-7.33	Peak
101600.00	32.26	-47.94	-15.68	-13.01	-2.67	Peak
152380.00	18.52	-48.15	-29.63	-13.01	-16.62	Peak

- End of Test Report -