



上海天梯检测技术有限公司  
SHANGHAI TIARA TECH INSPECTION TECHNOLOGY Co.,Ltd

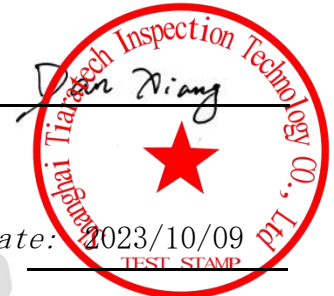
# TEST REPORT

Client: RFMAX  
Address of client: 825 Bloomfield Ave, Verona, NJ 07044  
Name of sample: Antenna  
Model of sample: RBDM-G55WW-17-SSSRR-B  
Number of samples: 2 pcs  
Date for received: 2023/09/18  
Test name: Change of temperature test、Vibration test  
Date for test: 2023/09/18~2023/09/21

Tested:

Shi. cl

Approved:



Checked:

Devin. Lee

Release date: 2023/10/09

TEST STAMP

地址: 上海市浦东新区金海路 2588 号 1 幢 A153 室  
Add: Room A153,Build 1,No.2588,Jinhai Road,Pudong.Shanghai.China  
邮编(Post Code): 201203  
电话(Tel): 021-58201216  
传真(Fax): 021-58205389



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## 1. Statement

1. The test report is effective only with both signature and specialized stamp.
2. This report is issued on the basis of samples provided by client and solely responsible for them.
3. This report shall not be published as advertisement without the approval of Tiaratech Inspection.
4. This report shall not be copied partly without the written approval of Tiaratech Inspection.
5. Any questions on the report should be put forward within fifteen days since the date on which you receive the report.
6. This report cannot be partly if not allowed.



## 2. General Information

### 2.1 Test details

Test standard: According to customer requirements

Test item:	Appearance inspection:
Change of temperature test	After the test, the appearance of the sample should have no significant changes, cracking, or deformation.
Vibration test	

Determination criteria:

Test item:	Functional inspection:
Change of temperature test	After the test, the sample function inspection should be normal.
Vibration test	

Description of sample:

Test item:	Name of sample:	SN:
Change of temperature test	Antenna	1#,2#
Vibration test		

### 2.2 Location and environmental condition for the test

Location:

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Temperature:

23±5°C

Relative humidity:

50±20%RH



## 2.3 Equipment for the test

Equipment name:	Equipment model:	Equipment number:	Due date:
Humidity chamber	SETH-Z-042L	TT-011	2024/03/12
Electric vibration test bench	ES-10-240	TT-005	2024/03/12

## 3. Results of Test and Additional Explanation

Test item:	Name of sample:	Model of sample:	SN:	Description of test results:
Change of temperature test	Antenna	RBDM-G55WW-17-SSSRR-B	1#~2#	--After testing, the appearance of the sample showed no significant changes, cracking, or deformation. -After the test, the sample function was checked to be normal.
Vibration test				

Remarks: This sample is provided by the customer, and the test result is only valid for this test of the sample.

## 4. Test items

### 4.1 Change of temperature test

Test conditions

Low temperature	High temperature	Dwell time	Temperature change rate	Number of cycles
-40°C	85°C	60min	2°C/min	10



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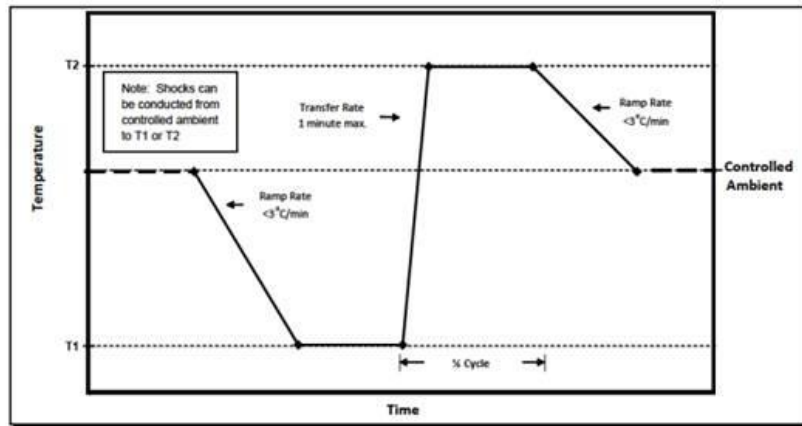


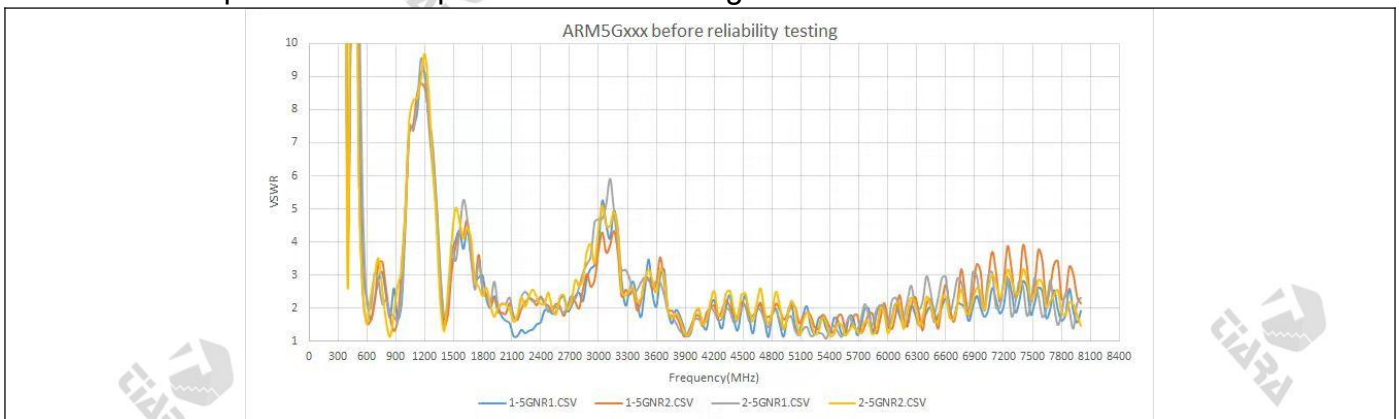
Figure 503.7-1. Single Shocks (1/2 cycle).

Test 1 cycle time:32min+60min+63min+60min+31min=246min

Photos before testing



Photos of sample function inspection before testing





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Test setup photo

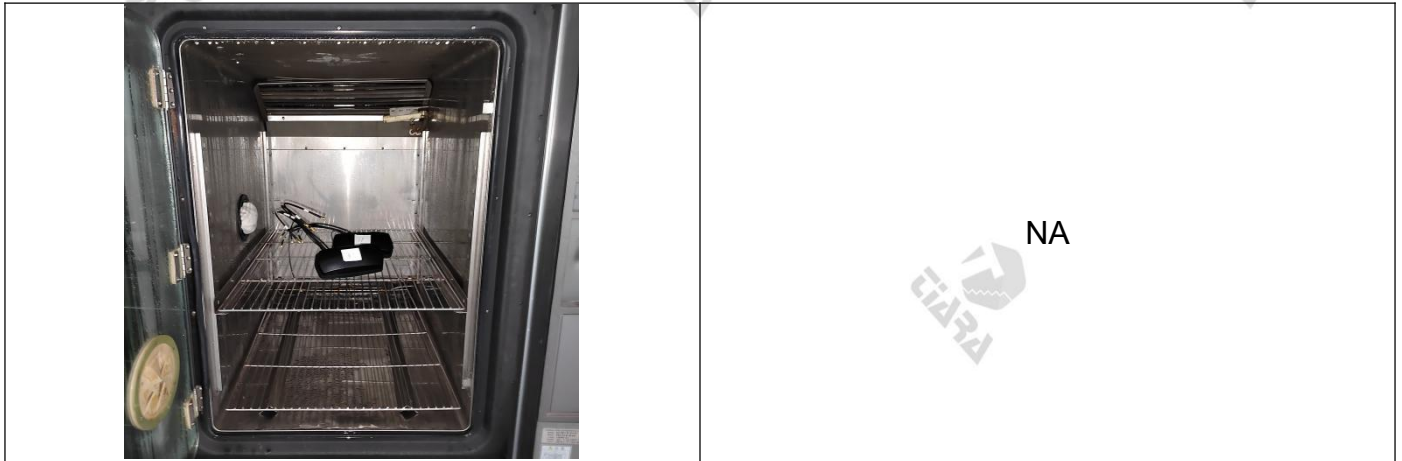
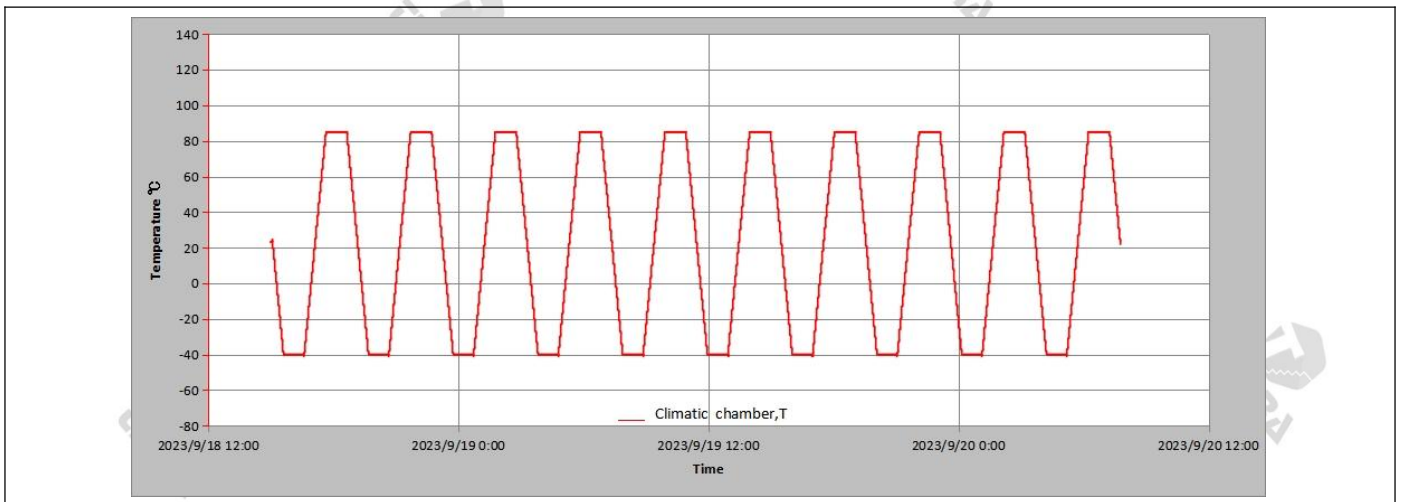


Photo after Change of temperature test



Test curve





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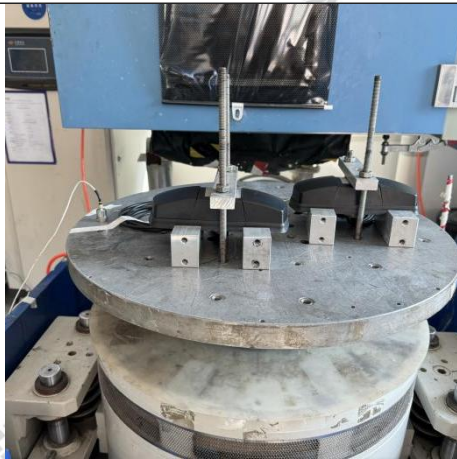
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**4.2 Random Vibration test**

Test conditions

Frequency(Hz)	Acceleration (g <sup>2</sup> /Hz)	Slope (db)	Grms	Direction	Time
5	0.0101372	-	2.24	Z,X,Y/axis	40 Min /axis
500	0.0101372	-			

Test setup photo



Z axis



X axis



Y axis

NA





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Photo after test for Vibration test

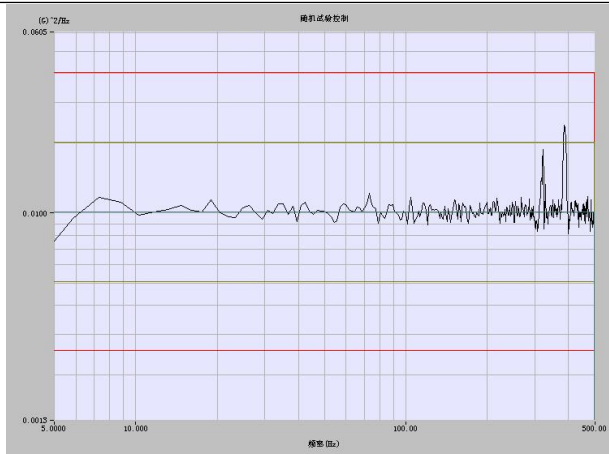


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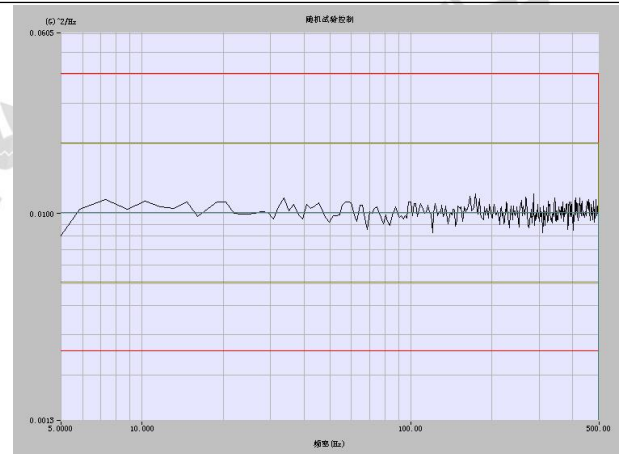


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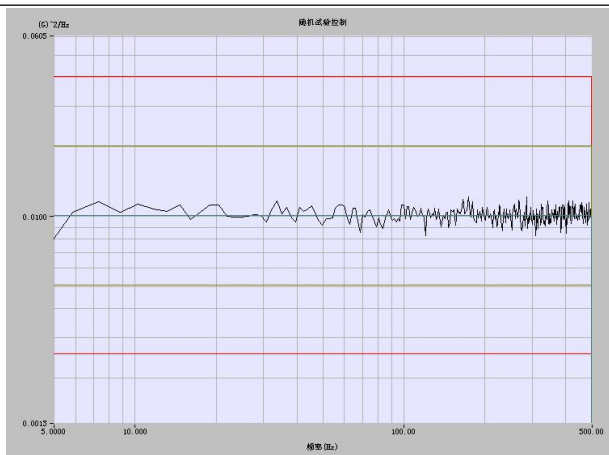
Test curve



Z axis



X axis



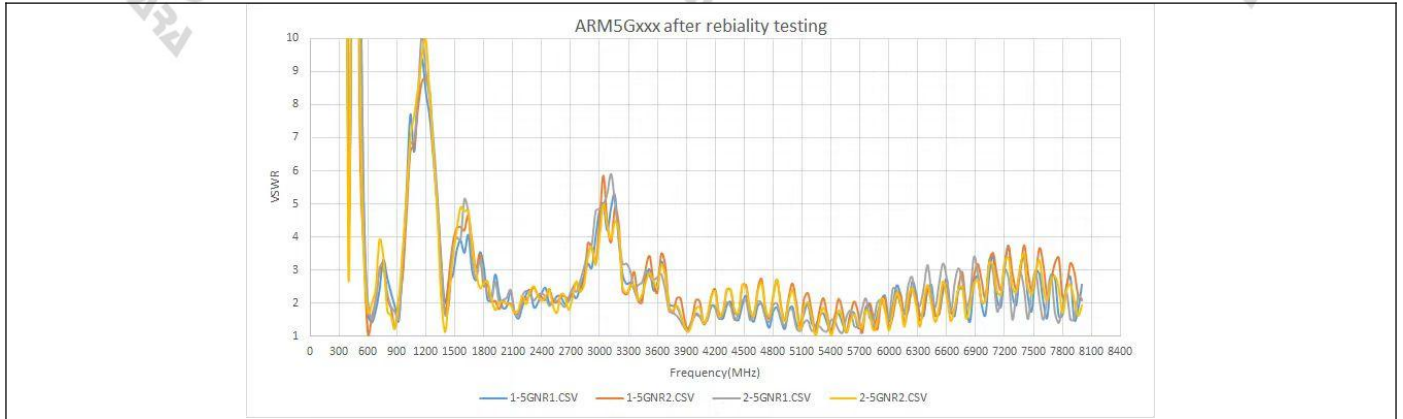
Y axis

NA



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Photos of sample function inspection after testing



—THE END—