




Product Model		Security Classification
RE-033		Confidential
HW Version	/	Total 9 pages
SW Version	/	

## Antenna Test Report

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### Revision History

Version	Revised Date	Change Description	Editor



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## 1. Basic information

DUT Model	RE-033
Adapter Model	/
Quantity & SN	1 set
Test Date	2024-05-16

## 2. Test equipments

Name	Manufacturer	Model	Useful-life
Network analyzer	Agilent	E5071C	2024-10-11
Microwave Anechoic Chamber	T&W lab	/	2024-10-24

## 3. Test conclusion

Test Result	<b>PASS</b>
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Note:

## 4. Pass criteria

### 1) Electrical Properties

Frequency Range:433.05MHz~434.79MHz

Gain : -2.57 dBi

### 2) Physical Properties

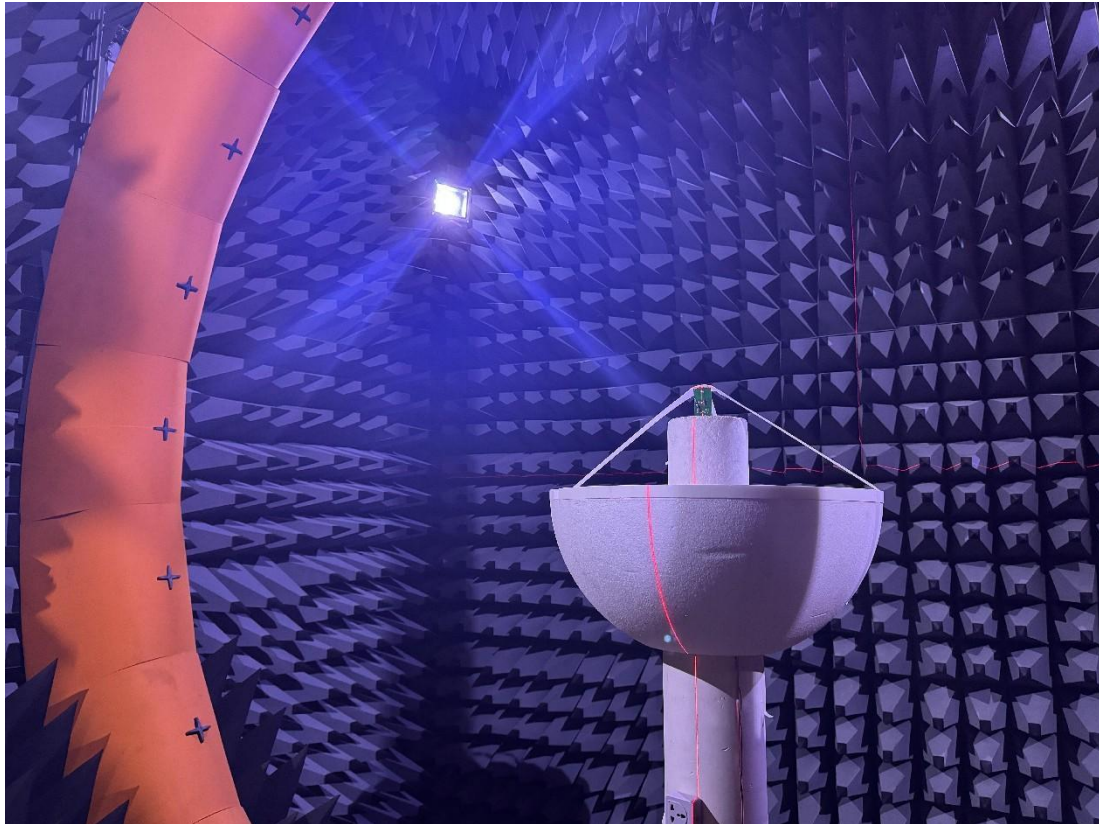
Operating Temp: -10°C~+60°C

Storage Temp: -10°C~+70°C



## 5. Test method

Test set-up as follow practicality pictures:





## 6. Test result

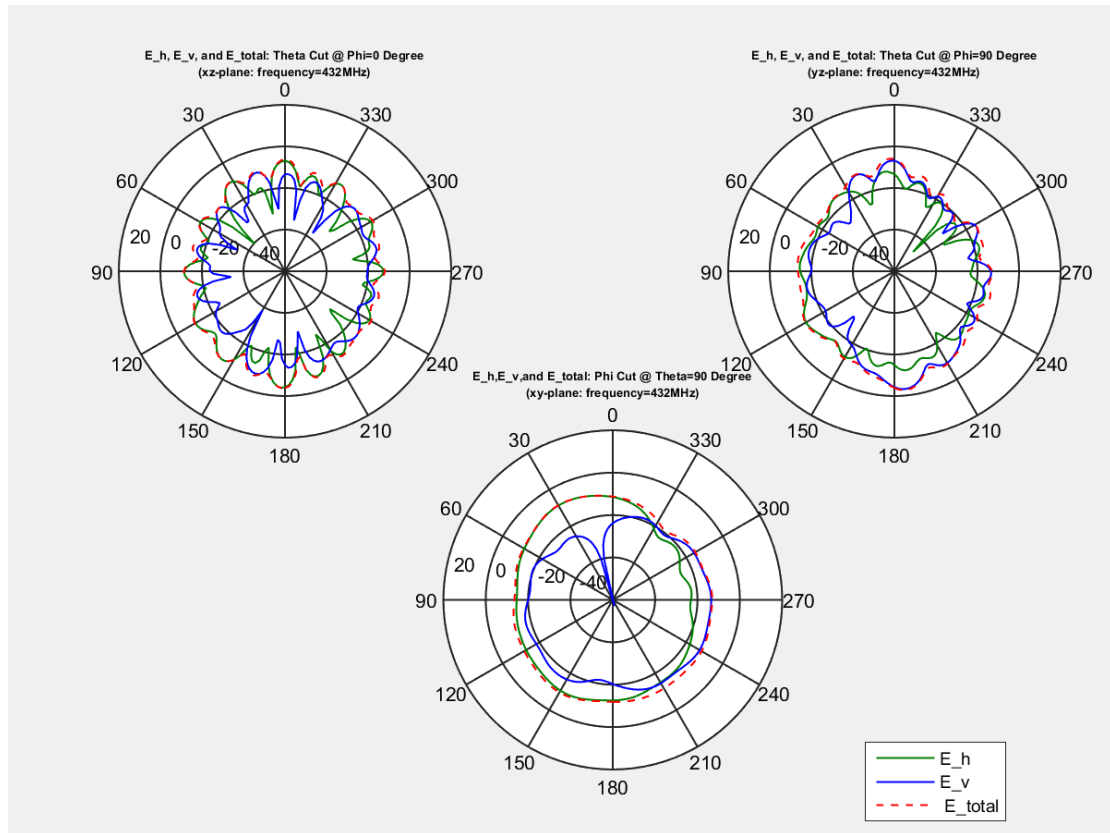
Frequency (GHz)	Gain (dBi)	Efficiency (%)	Result
433.05MHz~434.79MHz	-2.57	5.55%	PASS

Frequency [MHz]	Gain [dBi]	Efficiency [%]
430	-2.6079	5.5054
431	-2.5829	5.5366
432	-2.5679	5.5526
433	-2.5682	5.5257
434	-2.6011	5.4482
435	-2.6614	5.3346
436	-3.2338	5.2206
437	-3.3205	5.1359
438	-3.3804	5.093
439	-3.4005	5.0975
440	-3.3878	5.1504



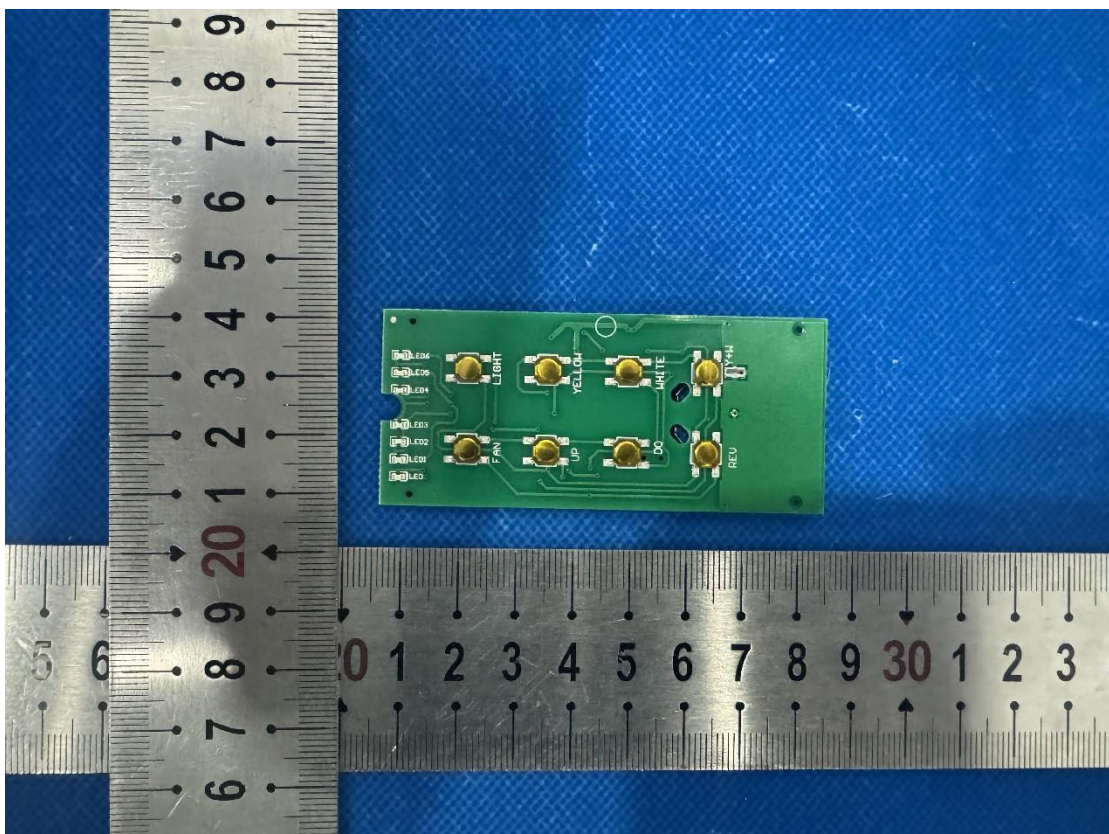
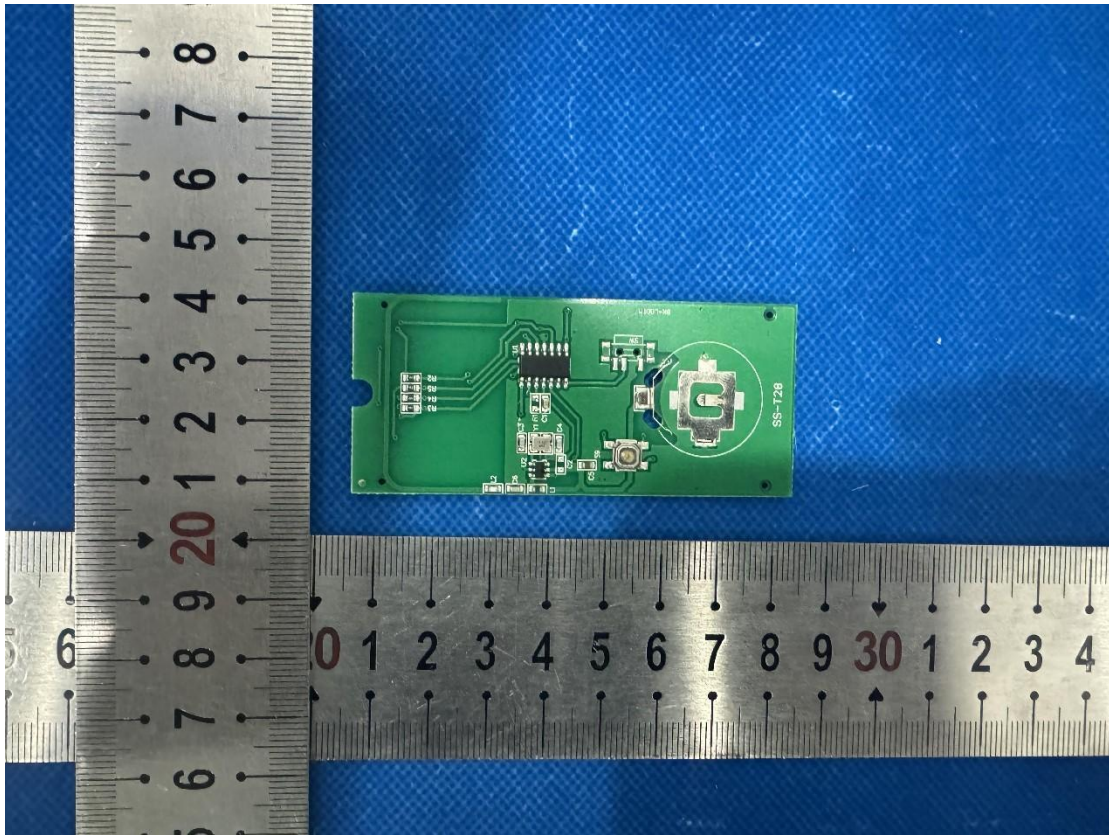
## 7. Test picture

### 1) 2D Radiation Pattern:

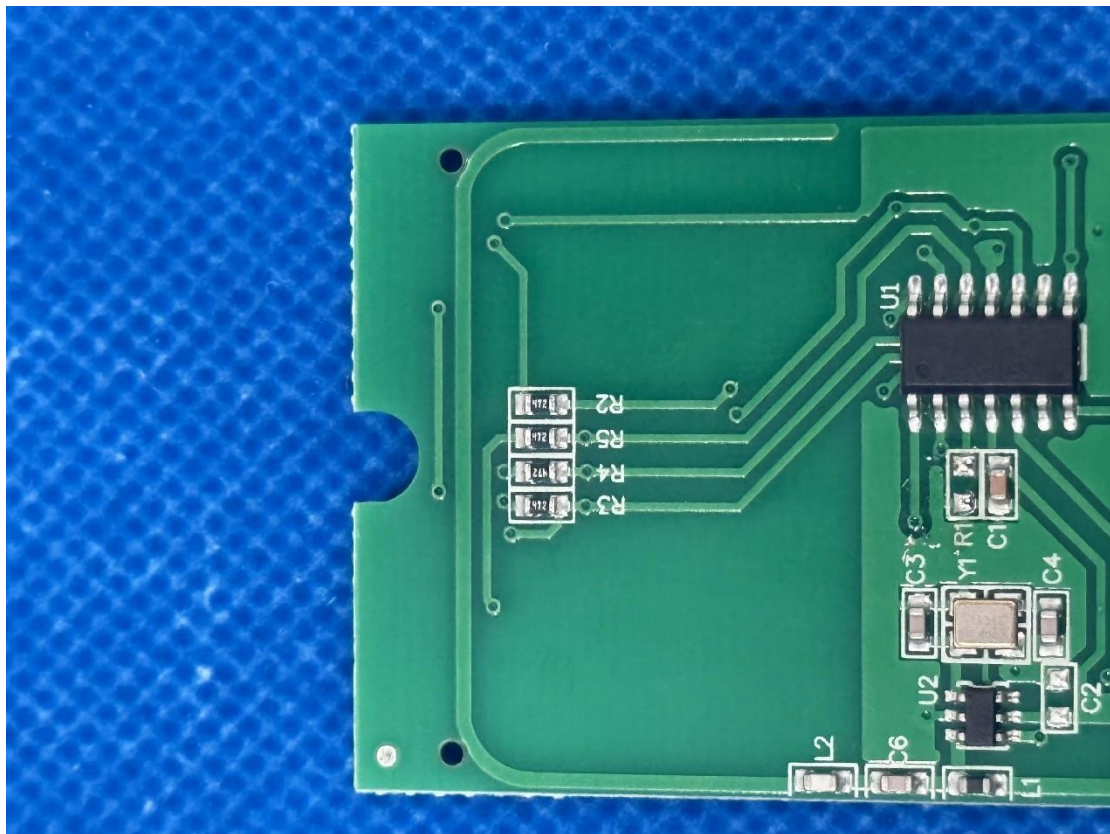




## 8. Photographs of ANT







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