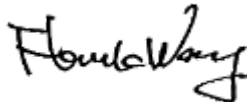




Product Model		Security Classification
RE-033		Confidential
HW Version	/	Total 9 pages
SW Version	/	

Antenna Test Report

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Kieron Luo	Vic Cai	Flank Wang	
			



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	PASS
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Note:

4. Pass criteria

1) Electrical Properties

Frequency Range:433.05MHz~434.79MHz

Gain : -2.57 dBi

2) Physical Properties

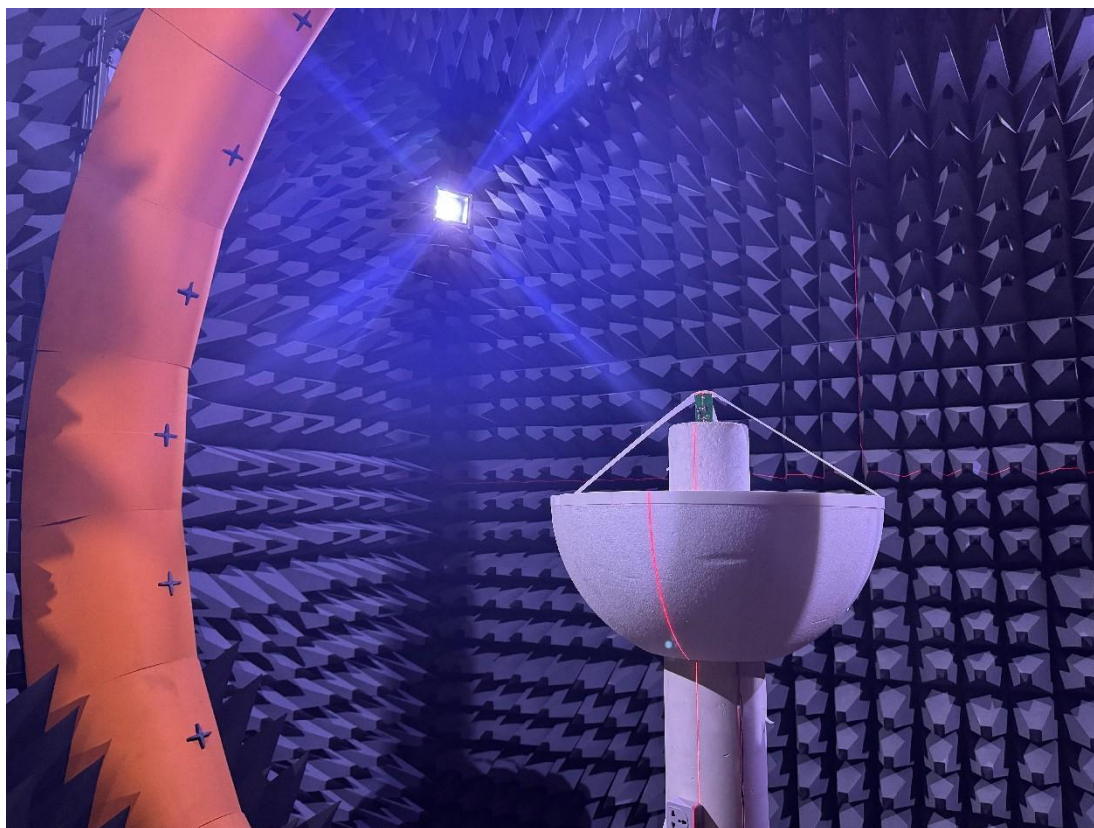
Operating Temp: -10℃~+60℃

Storage Temp: -10℃~+70℃



5. Test method

Test set-up as follow practicality pictures:





6. Test result

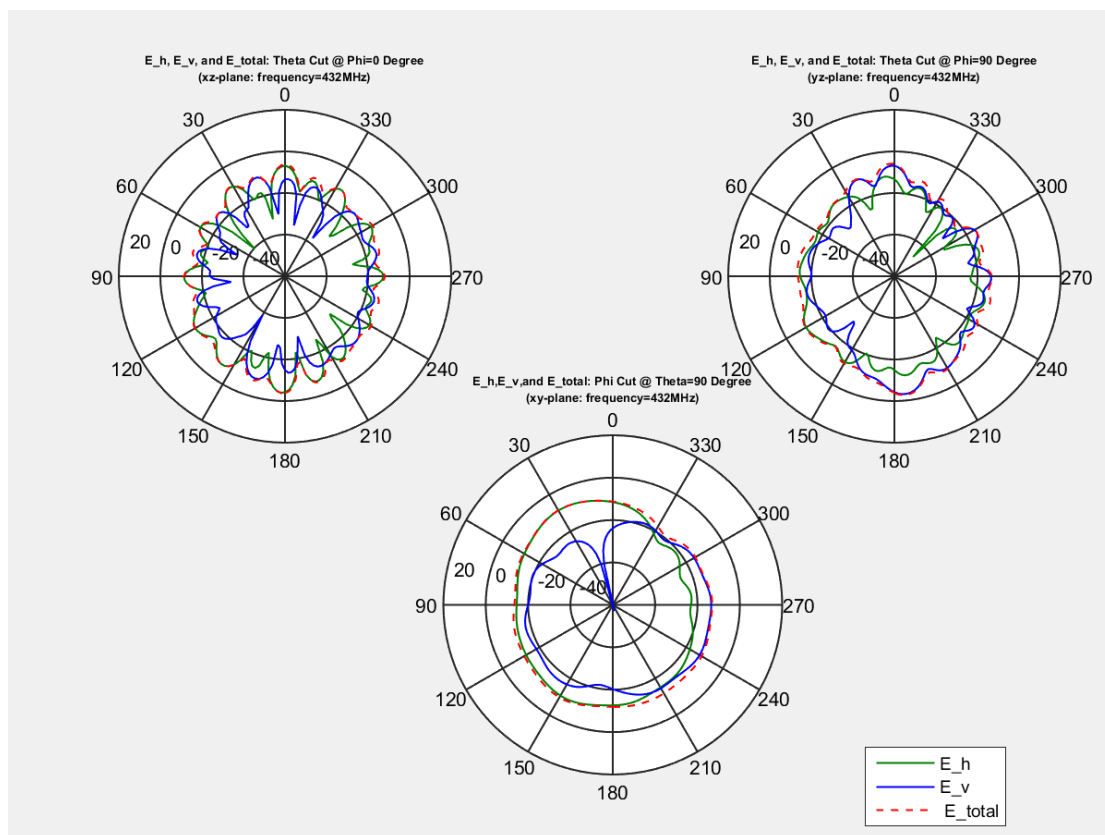
Frequency (GHz)	Gain (dBi)	Efficiency (%)	Result
433.05MHz~434.79MHz	-2.57	5.55%	PASS

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



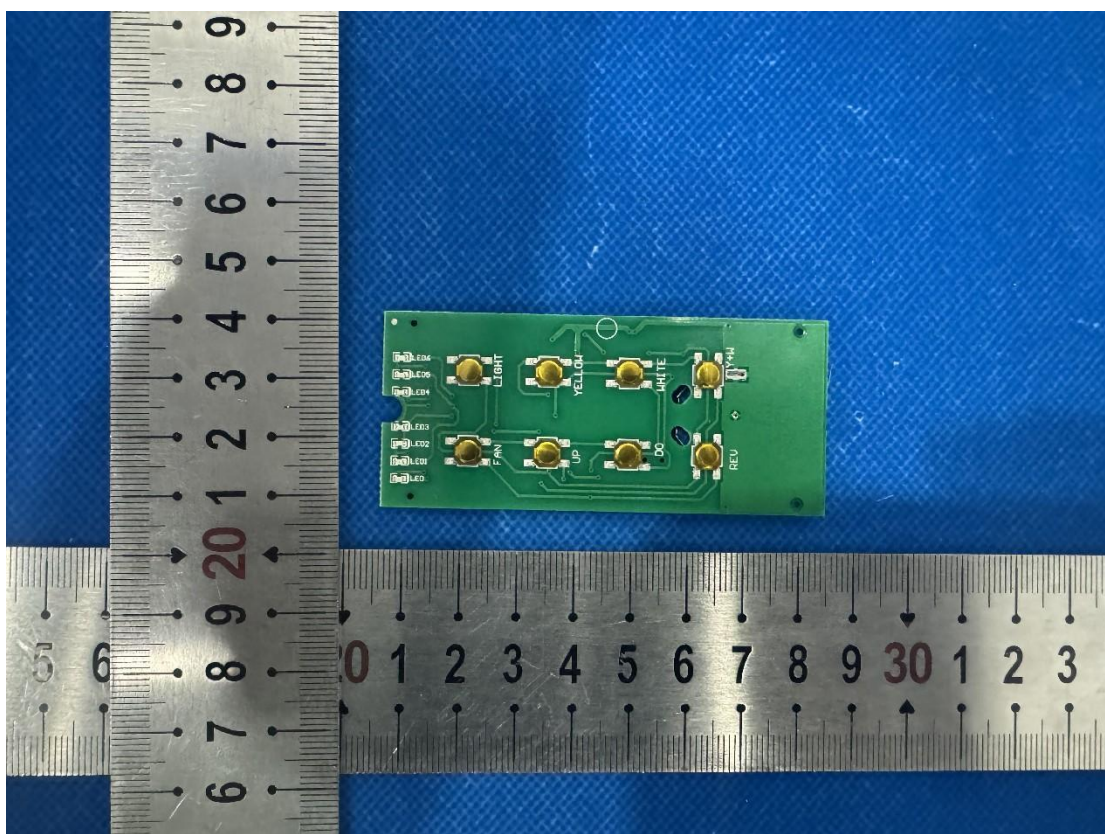
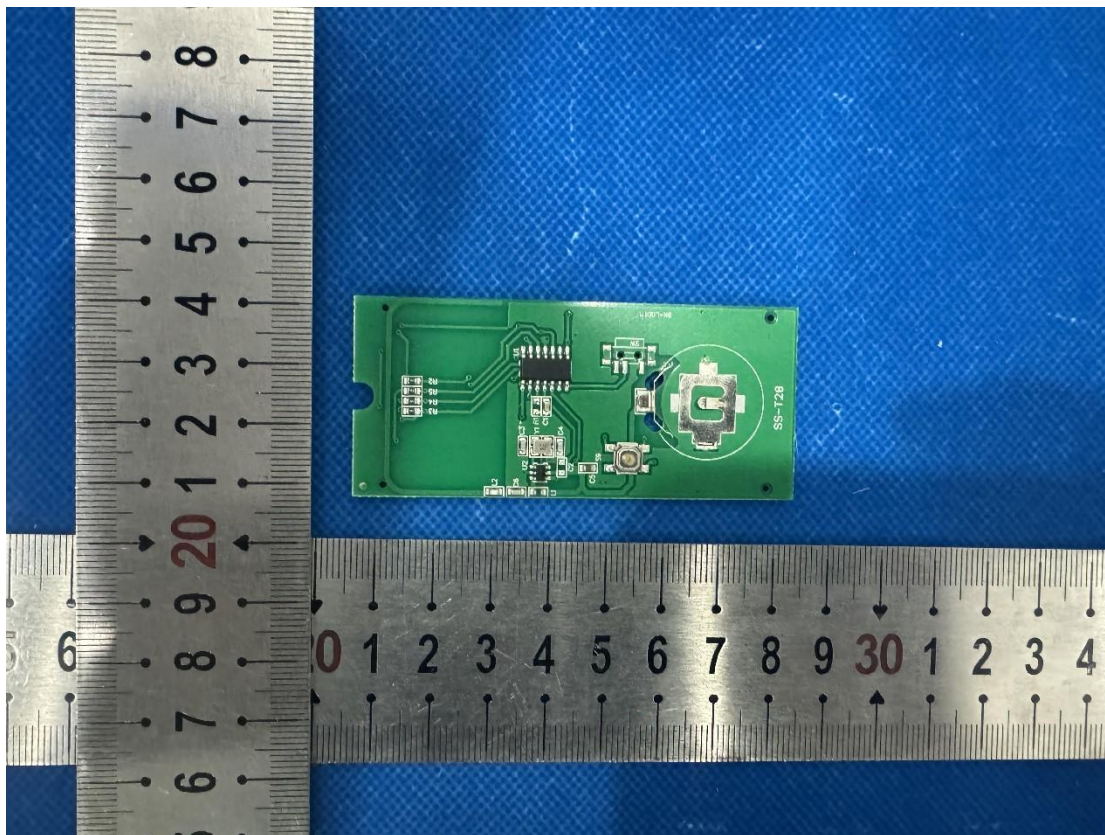
7. Test picture

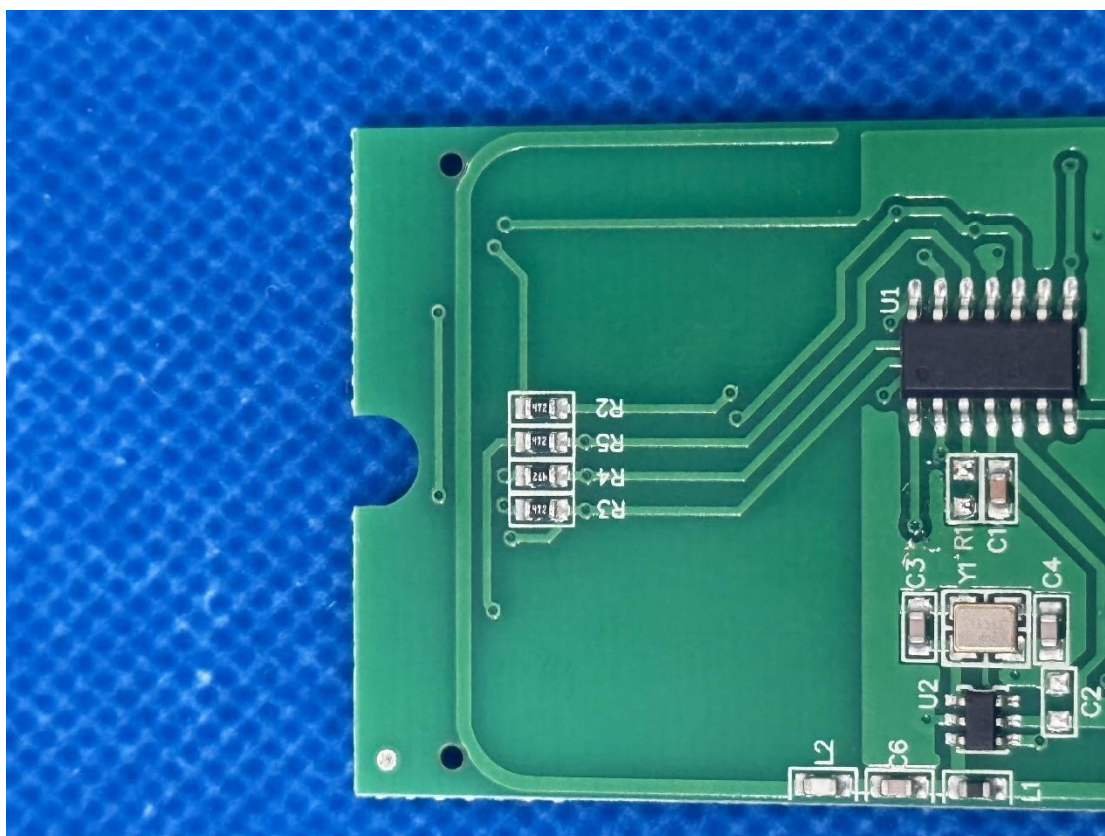
1) 2D Radiation Pattern:





8. Photographs of ANT





-----The end-----