



Product Model		Security Classification
SS-T23		Confidential
HW Version	/	Total 9 pages
SW Version	/	

Antenna Test Report

Prepared By:	Reviewed by	Approved By:	
Kieron Luo	Vic Cai	Flank Wang	



Revision History

Version	Revised Date	Change Description	Editor



Table of Contents

1. Basic information4

2. Test equipments4

3. Test conclusion4

4. Pass criteria4

5. Test method.....5

6. Test result6

7. Test picture7

8. Photographs of ANT8



1. Basic information

DUT Model	SS-T23
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
-------------	------

Note:

4. Pass criteria

1) Electrical Properties

Frequency Range:433.05MHz~434.79MHz

Gain : 4.20 dBi

2) Physical Properties

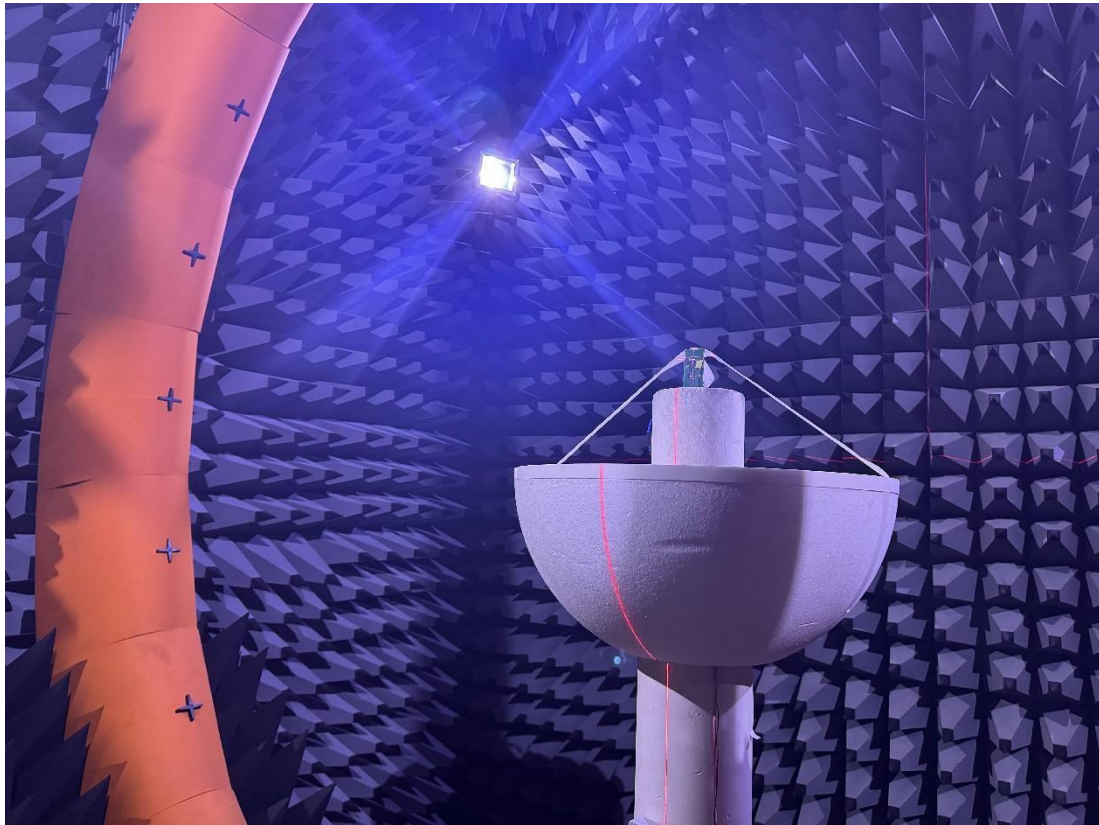
Operating Temp: -10℃~+60℃

Storage Temp: -10℃~+70℃



5. Test method

Test set-up as follow practicality pictures:





6. Test result

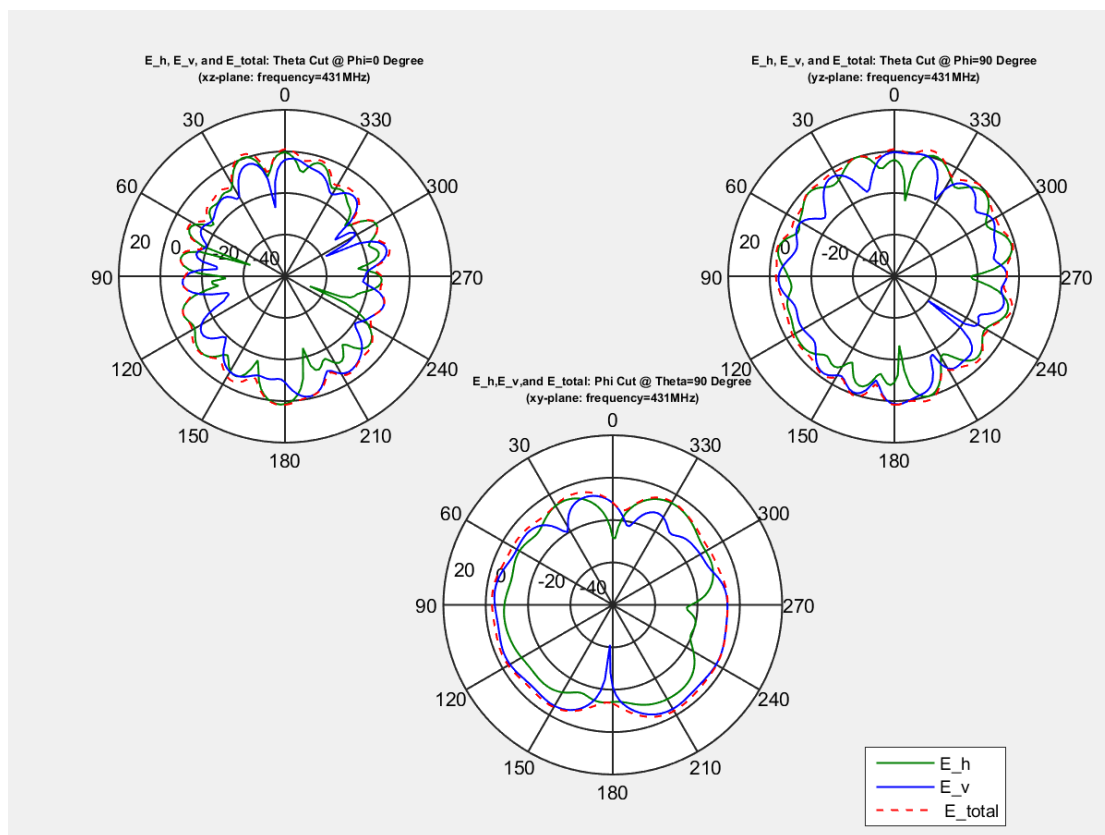
Frequency (GHz)	Gain (dBi)	Efficiency (%)	Result
433.05MHz~434.79MHz	4.20	43.91%	PASS

Frequency [MHz]	Gain [dBi]	Efficiency [%]
430	4.1939	43.4202
431	4.1994	43.9053
432	4.1897	44.2196
433	4.1336	44.1114
434	4.0323	43.5007
435	3.8903	42.4903
436	3.8085	41.4798
437	3.6961	40.5235
438	3.6233	39.826
439	3.5947	39.4905
440	3.6029	39.5303



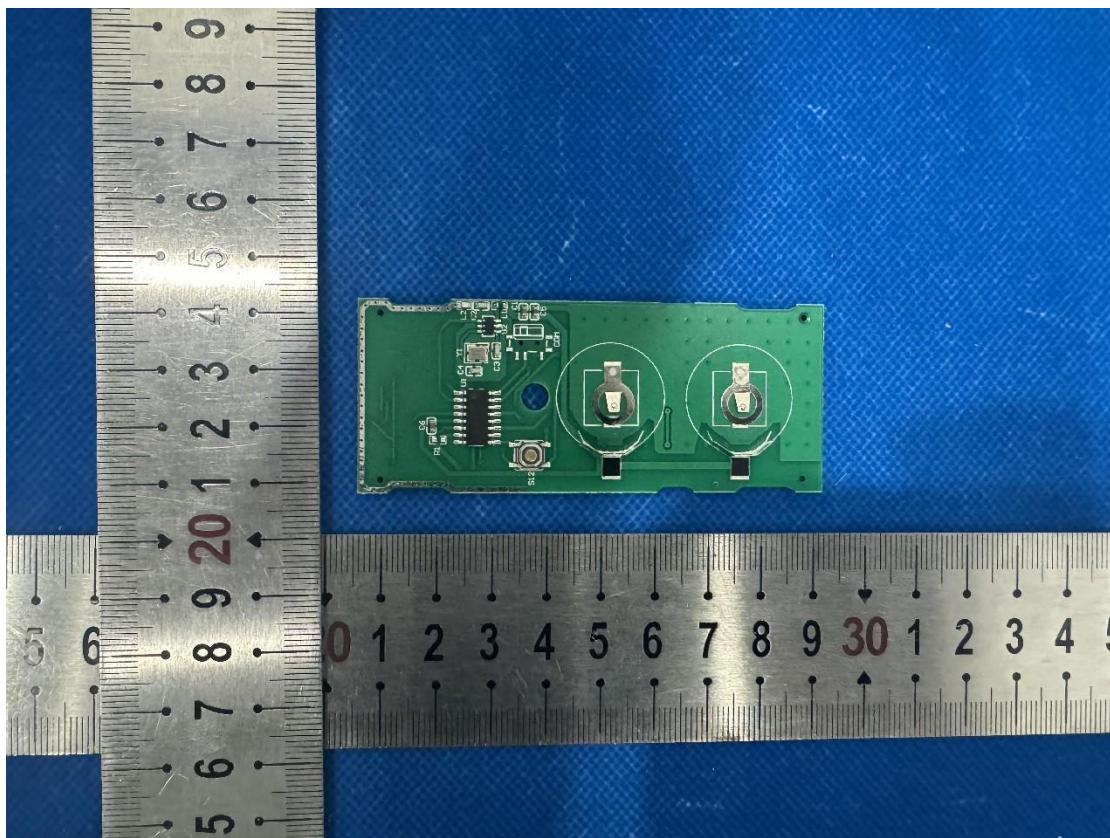
7. Test picture

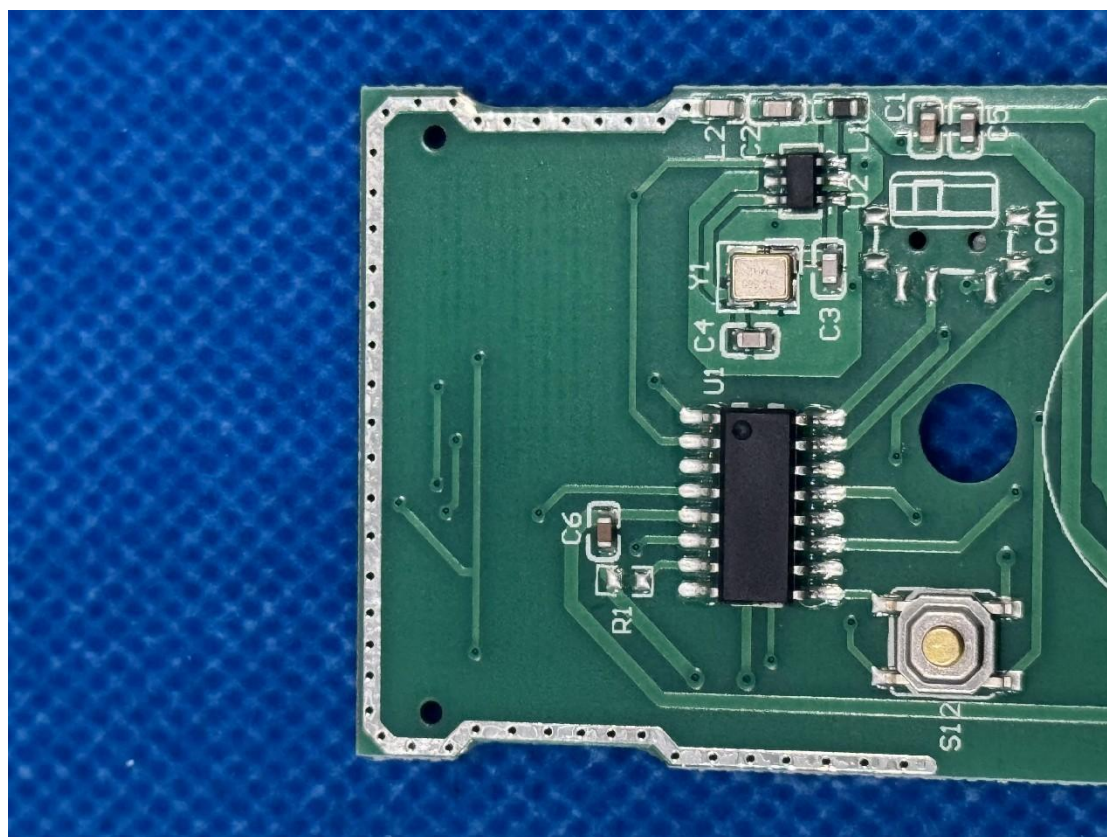
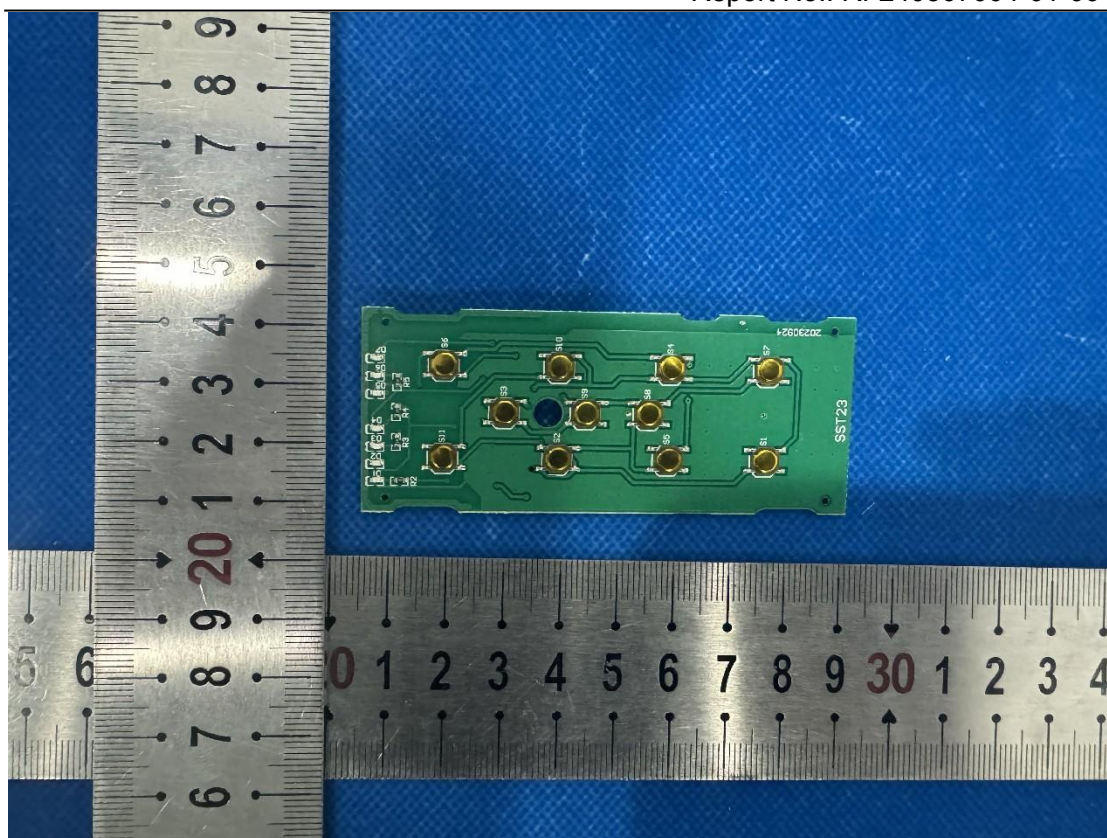
1) 2D Radiation Pattern:





8. Photographs of ANT





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