specifications

470/433MHz-ANTENNA

PART NAME	Remote control antenna_Soft 470MHz
ECT P/N	YCPB00075
APPROVAL REV.	V1.0
DELIVERY DATE	2024.12.26
PREPARED BY	姚常青
APPROVED	

Rm505, 8th building, Yungu 2nd period, pingshan No.1 Road, Xili Town,Nanshan District, ShenZhen , China

Tel: 86-755-83763273/13927478525

Fax: 86-755-83763348

Email: dbt_yang@163.com

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1. **Product Physical Pictures**

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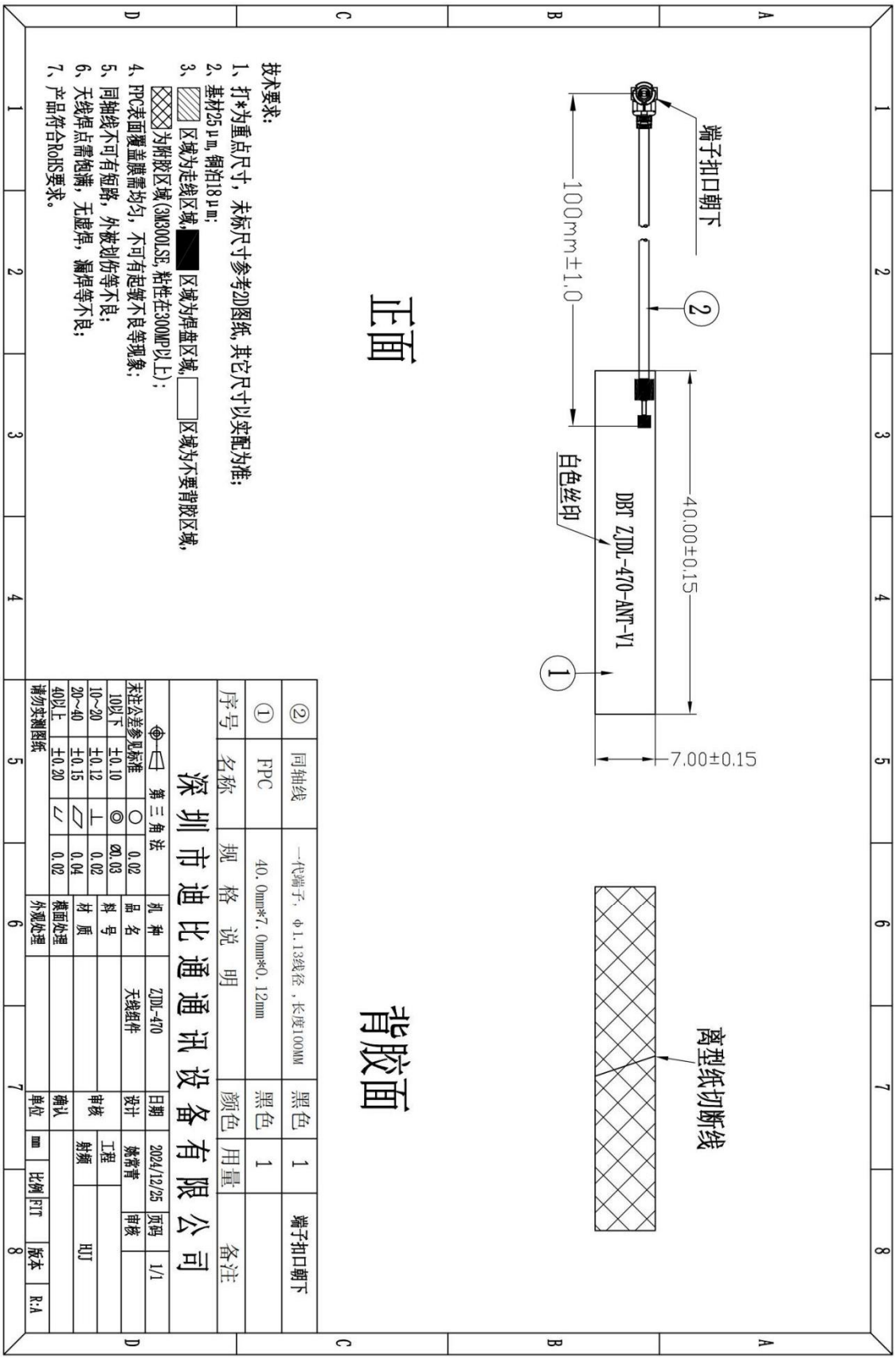
1. Product Physical Pictures

2. Technical target

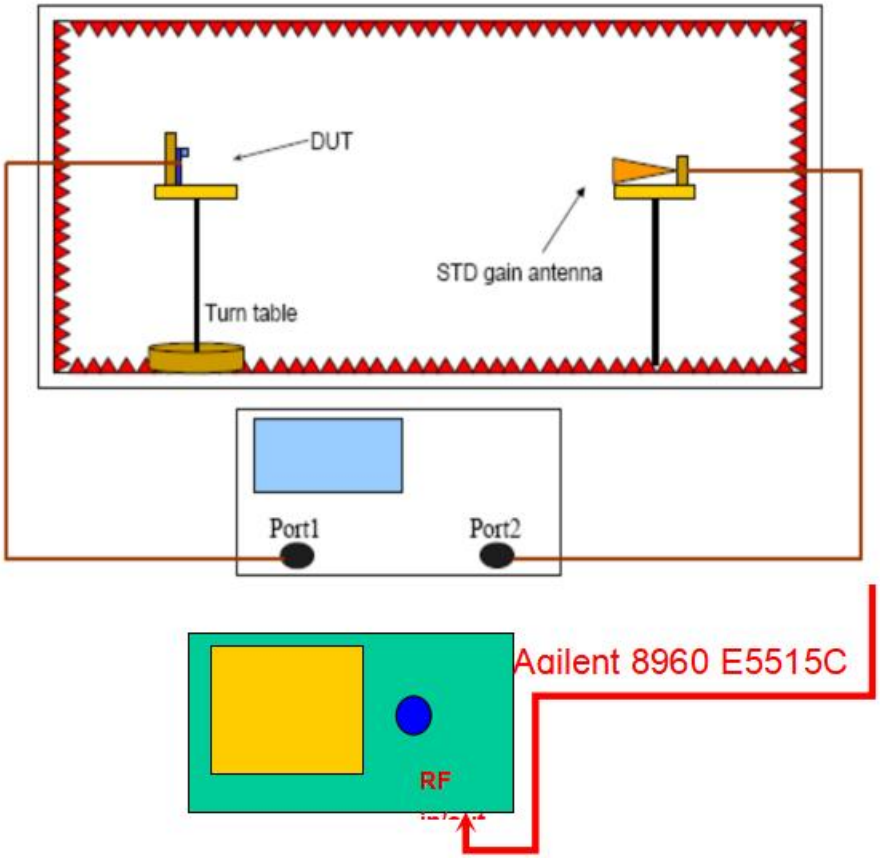
Frequency range(MHz)	Frequency Range (MHz)	400-500
Peak Gain	PEAK Gain(dBi)	1.69
Average efficiency	Average Efficiency (%)	45.4%
Antenna Type	Antenna Type	470 Antenna Type (Monopole)/ 433 Antenna Type (Monopole)
Input Impedance	Input Impedance	50Ω
Material	Material	FPC+Cable
Operating temperature	Operation Temperature	-40° C ~ +80° C
Storage temperature	Storage Temperature	-40° C ~ +80° C

3. Antenna 2D diagram



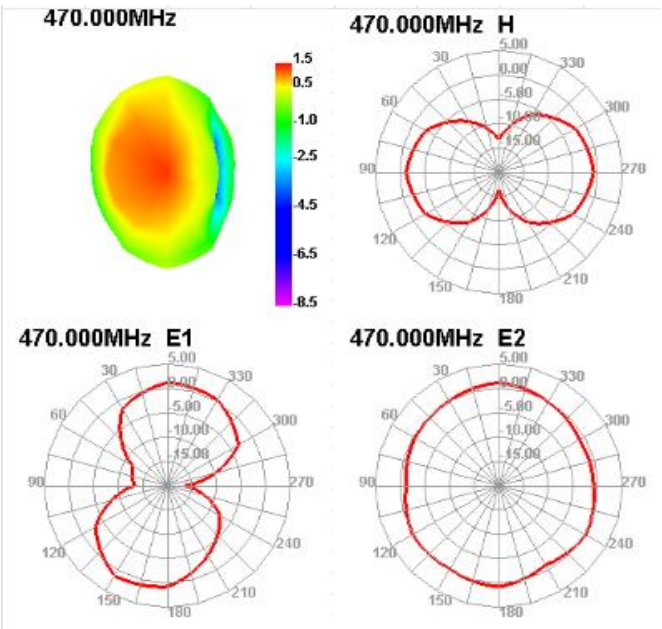
4. Dynamic test data --- Antenna placed in the equipment/ynamic test instruction

Testing instrument **: Anrits CMW500+ Anechoic Chamber 6X4X3m(3D-OTA)**



5. Antenna test report

Freq (MHz)	Effi (%)	Gain (dBi)
400	22.68	-0.92
410	30.76	-0.75
420	38.5	0.05
430	41.3	0.56
440	44.85	0.84
450	54.2	0.61
460	62.61	1.06
470	60.56	1.47
480	55.16	1.69
490	47.8	1.66
500	41.05	1.33



Solemnly declare:

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