



SHENZHEN DIBITONG TELECOMMUNICATION TECHNOLOGY CO.,LTD.

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	

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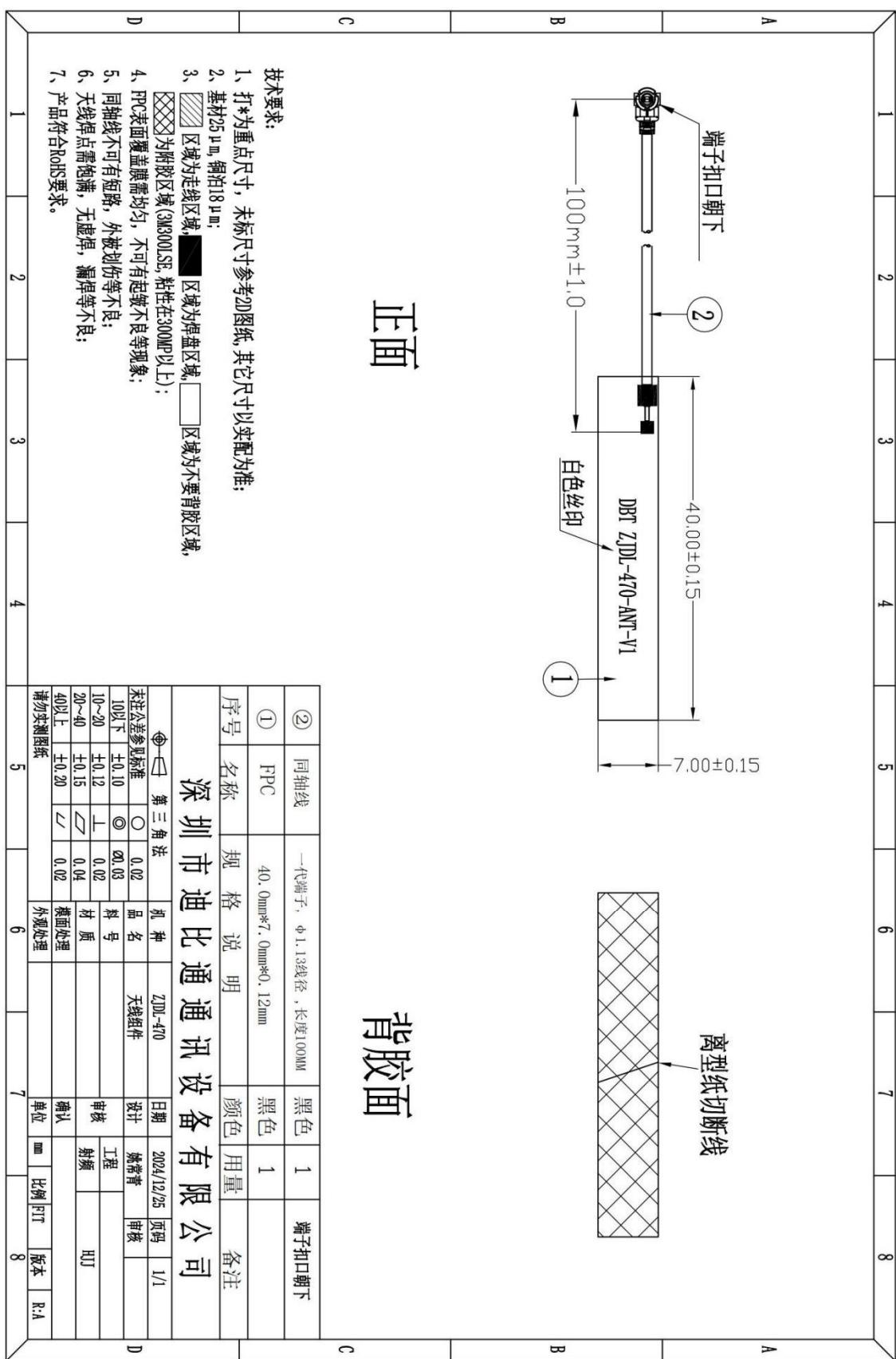
1. Product Physical Pictures



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	50 Ω
Material	Material	FPC+Cable
Operating temperature	Operation Temperature	-40° C ~ +80° C
Storage temperature	Storage Temperature	-40° C ~ +80° C

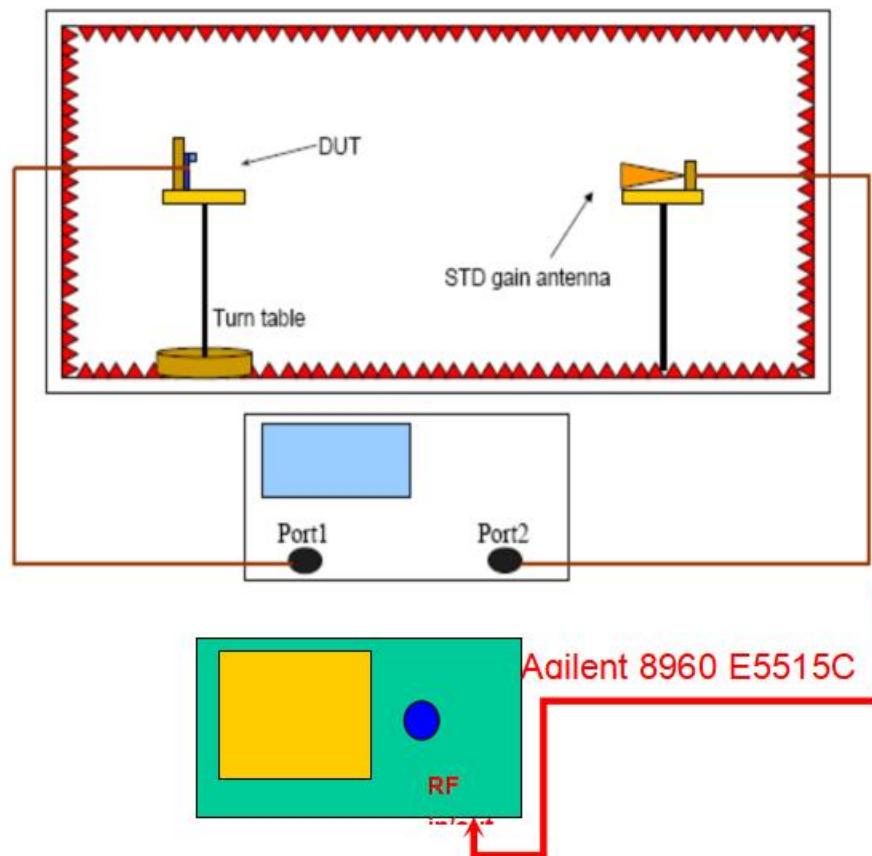
3. Antenna 2D diagram



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

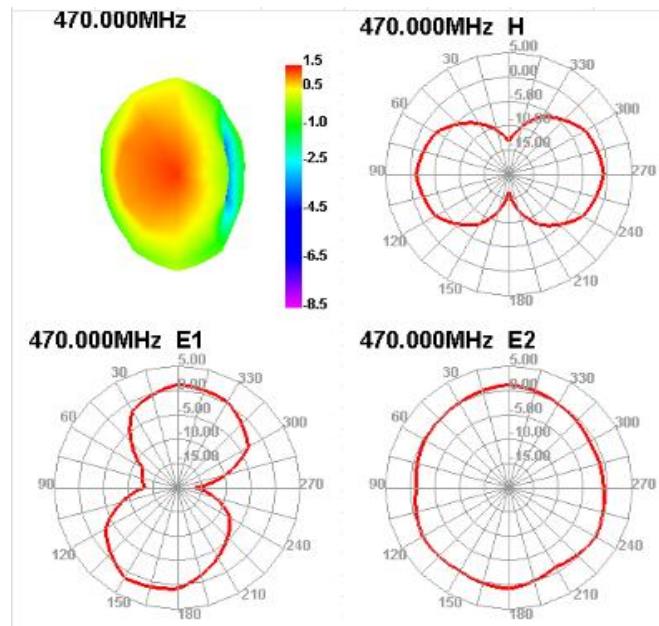
Testing instrument : **Anrits CMW500+ Anechoic Chamber**

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



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