

sample admission certificate

YX-CW200-R-V2.0 Acknowledgment Letter

Customer Name: Beijing Ansheng Technology

Customer model CW200

Brand: YX-CW200-R-V2.0, manufactured by Yaxin Communication

Xiaxin Communication Judgment Review Group

work out	examine and verify	ratify	Acknowledgment completion time
Jiang Yanan	Wu Shouping	Wu Shoulan	2025.12.13

Voice Actor (Customer) Review Team

Acknowledgement number_____time of submission of admission

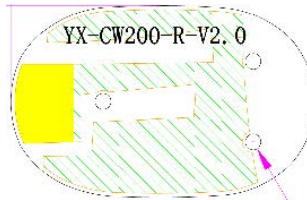
admit	examine and verify	ratify	Recognition date
Items for review: ☐ 3 copies of acceptance certificates ☐ Specifications/Drawings ☐ Inspection reports ☐ Samples (PCS) ☐ Safety regulations ☐ HSF			
Review result: ☐ Accept ☐ Accept with conditions ☐ Reject			

Confidential Information

Item	date	order of the edition	revision note	remarks
1	2025.12.13	A0	initial issue	

1. Antenna picture

Thereport mainly provides the test status oftheelectricalproperties parametersof YX-CW200-R-V2.0.The YX-CW200-R-V2.0 antenna is a BT Band . The antenna Picture and assembly are shown below.



FPC Antenna picture & assembly picture

2. Antenna Test Equipment Introduction

Test of antenna input characteristics using Agilent E5071C and Agilent 5062A vector network analyzer; The radiation pattern of the antenna are tested using the Satimo starlab 3D near field Anechoic Chamber , and the instrument is used to agilent8960 E5515 and Agilent E4438C. The test coordinates of the darkroom are as follows:

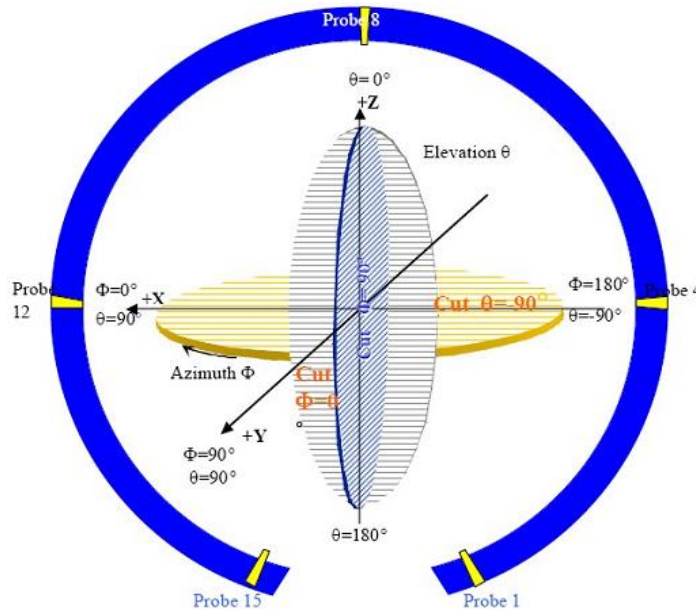
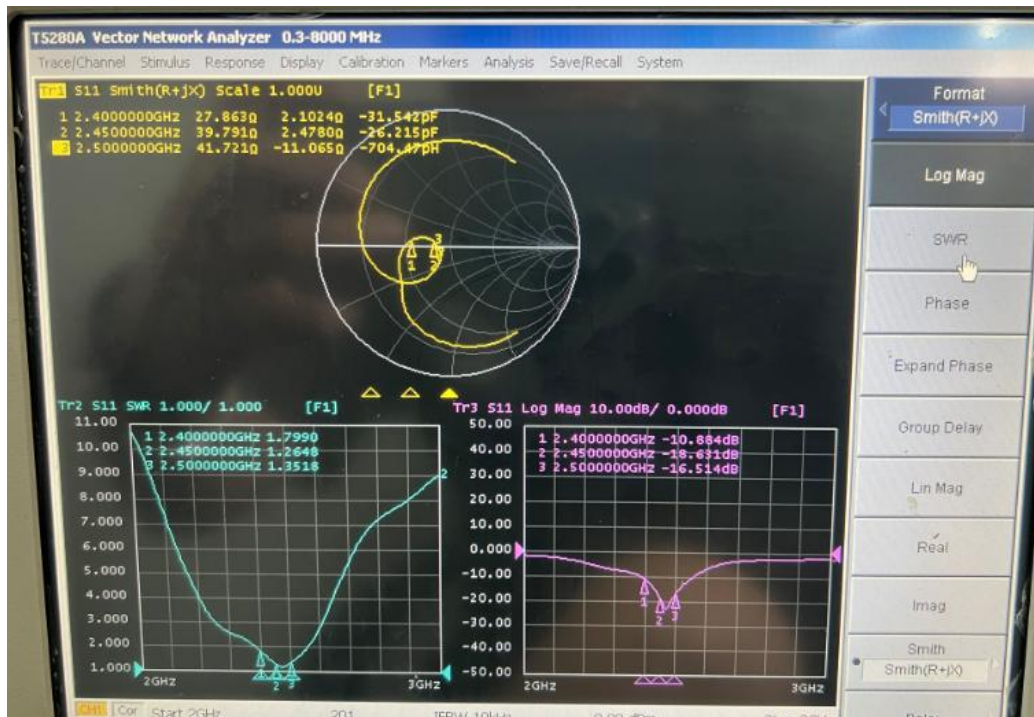


图4 3D微波暗室测试坐标系(back view)

3.Electrical Specification

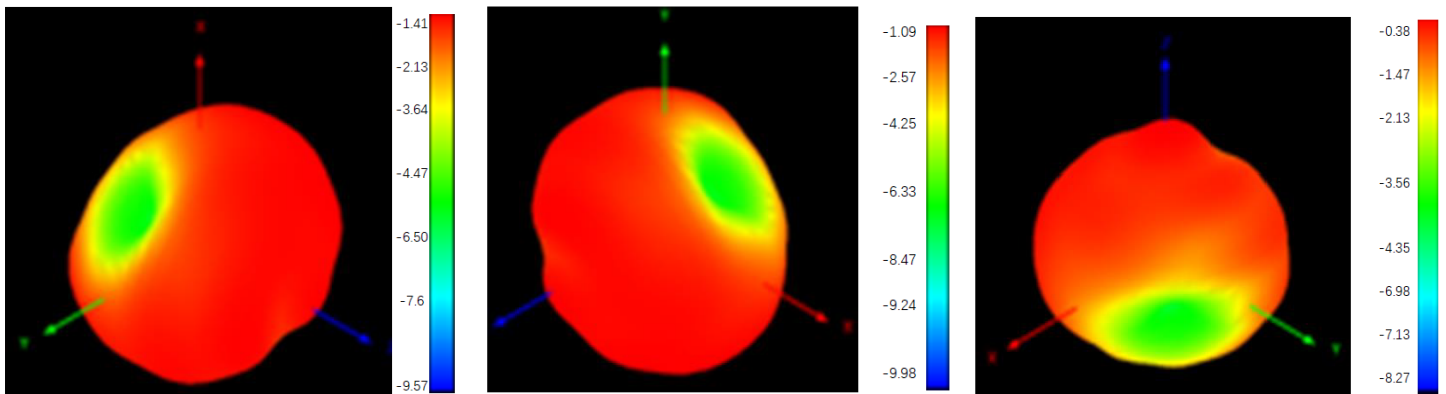
3-2 Passive S11 parameter

Measuring Method is a 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the S11 parameter, Keeping this fixture away from metal at least 20cm.



VSWR

3-3 2D/3D field pattern diagram

Unit: dBi**Frequency: 2400****2440****2480**

3-4 Passive efficiency & Gain

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	-1.41	37.59
2410	-1.39	36.93
2420	-1.39	36.38
2430	-1.38	35.85
2440	-1.09	35.29
2450	-0.73	34.62
2460	-0.45	33.68
2470	-0.4	32.27
2480	-0.38	30.85
2490	-0.49	29.43
2500	-0.73	27.9

3-5 OTA active

FS BT TEST R		
FS	BT TEST	R
CH	TRP	TIS
0	5.68	-89.55
39	5.33	-90.66
78	4.89	-89.54
BH BT TEST R		
BH	BT TEST	R
CH	TRP	TIS
0	2.45	-87.78
39	2.89	-88.32
78	3.24	-88.56

4. Mechanical Specification:

Mechanical Configuration (Unit: mm) the appearance of the antenna is according to drawing Figure 10

