Shenzhen YaxinCommunication Technology Co., Ltd.

Sample Acknowledgment Letter

Sample Approved Sheet

Yaxin Communications (YX-M26-R-V3) Statement of Admission

Customer Name: Guangzhou Actioner Technology Co., Ltd.

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Customer Model M26 **Customer Model M26**

Brand: Yaxin Communications – Self-produced model: YX-M26-R-V3

Yaxin Communications Assessment and Review Team

work out	examine and verify	ratify	Time of completion for the acknowledgment letter
Jiang Yanan	Wu Shouping	Wu Shoulan	2026.05.15

Actor (Customer) Identifies Review Team

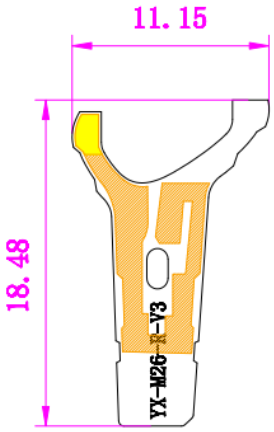
Admission Letter Number_____ Time for submitting the acknowledgment letter

admit	examine and verify	ratify	Recognition Date
Items to be reviewed: □ Three letters of recognition □ Specifications/drawings □ Test reports □ Sample parts (PCS) □ Safety compliance documents □ HSF documentation			
Review Result: □ Accepted □ Conditionally Accepted □Rejected			

Item Number	date	order of the edition	revision note	remarks
1	2026.05.15	A0	initial issue	

1. Antenna picture

Thereport mainly provides the test status oftheelectricalproperties parametersof YX-M26-V3.The YX-M26-R-V3antenna 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:

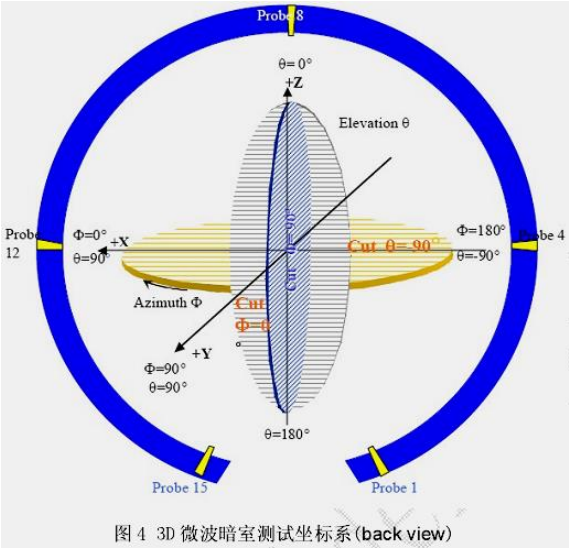


图 4 3D 微波暗室测试坐标系(back view)

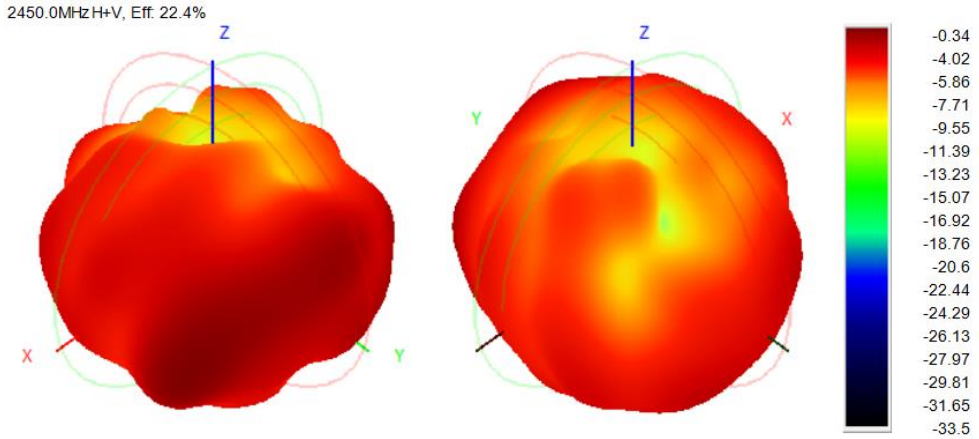
3.Electrical Specification

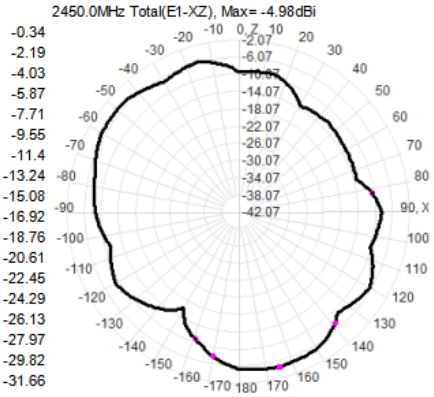
3-2 Passive S11 parameter

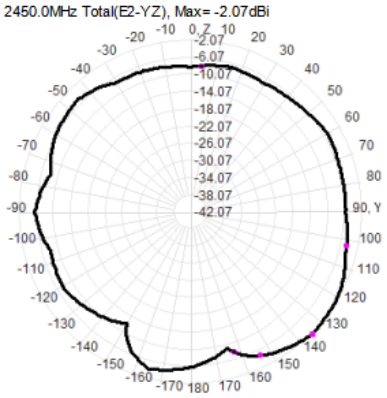
Measuring Method is a 50Ωcoaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the S11 parameter, Keeping this fixture away from metal at least 20cm.

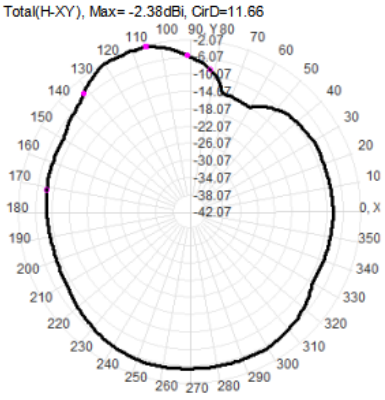
VSWR

3-3 2D/3D field pattern diagram Unit: dBi









3-4 Passive efficiency & Gain

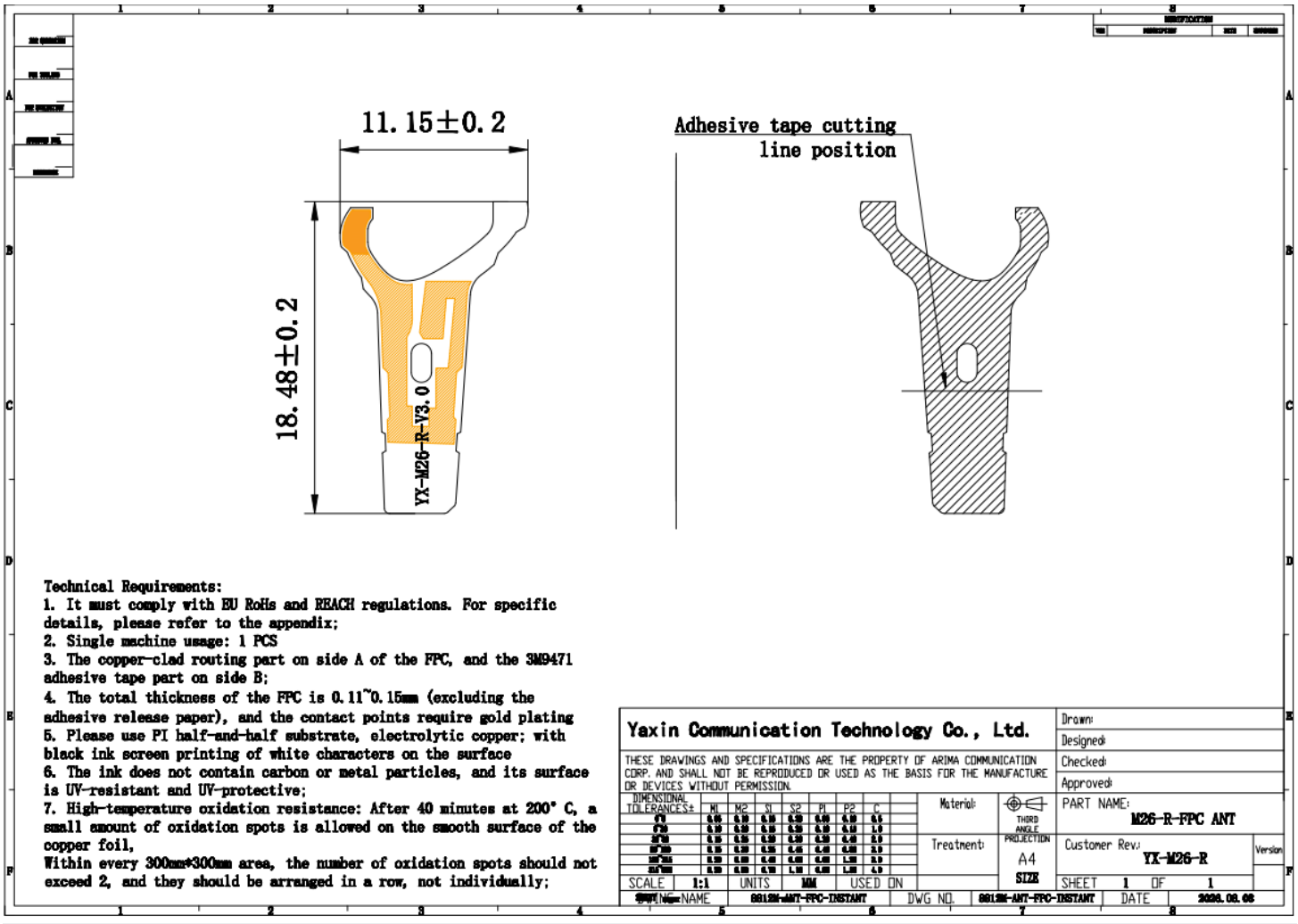
Frequency ID	1	2	3	4	5	6	7	8	9	10	11
Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-8.61	-8.33	-7.88	-7.47	-7.23	-6.89	-6.89	-6.67	-6.68	-6.63	-6.60
Gain (dBi)	-1.65	-1.21	-0.71	-0.42	-0.40	-0.34	-0.64	-0.68	-0.89	-1.01	-1.10
Efficiency (%)	13.78	14.69	16.30	17.92	18.93	20.47	20.47	21.53	21.48	21.74	21.88
Directivity (dB)	6.96	7.12	7.17	7.05	6.83	6.55	6.24	5.99	5.79	5.62	5.49
Peak Gain Position (Theta)	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00	120.00
Peak Gain Position (Phi)	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00
Efficiency ThetaPol (%)	7.34	8.02	9.03	9.98	10.51	11.32	11.31	11.91	11.89	12.03	12.09
Efficiency PhiPol (%)	6.44	6.67	7.27	7.94	8.43	9.15	9.17	9.62	9.60	9.71	9.79
Upper Hem. Efficiency (%)	6.00	6.38	7.07	7.78	8.32	9.09	9.14	9.60	9.50	9.56	9.63
Lower Hem. Efficiency (%)	7.78	8.31	9.23	10.14	10.61	11.37	11.33	11.93	11.98	12.18	12.25

3-5 OTA active

FS TEST R		FS BT TEST R
CH	TRP	TIS
0	5.12	-88.79
39	6.25	-89.69
78	6.89	-89.75
BH TEST R		BH BT TEST R
CH	TRP	TIS
0	2.38	-86.65
39	2.96	-88.35
78	3.75	-88.41

4. Mechanical Specification:

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



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