

	XKC2362 天线	
Date of Issue: 2026-06-04		 ESD Sensitive
Page (1) of (9)	iTD Drawing # 20260604	Revision #: Initial Release

样品承认书

Sample Approved Sheet

产品描述说明: Product Description:	XKC2362-天线
客 户 料 号: Customer part number	3.626.11.0060 3.626.11.0061
客户规格描述: Customer specification description:	XKC2362_L 天线触摸一体 FPC XKC2362_R 天线触摸一体 FPC
公司内部编码: Internal company code:	D7.TX236201
版本: Software version:	V1.4
规格描述: Hardware description:	FPC 天线-XKC2362-V1.4（左右共用）-亚鑫

物料满足如下环保要求: The materials meet the following environmental requirements: ☒ 禁用及监控物质控制标准(最新版本) Banned and Monitored Substances Control Standard(Latest Edition) ☒ 无卤素技术标准 Halogen-free technical standard
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供应商确认 Vender Confirm (盖章) (Stamp)	制 作 Prepared by	审 核 Checked by	批 准 Approved by

客户确认 Customer Approved (盖章) (Stamp)	采 购 Sourcing	品质管理部 DQ	研发 RD	批 准 Approved by

	XKC2362 天线	 RoHS Compliant
Date of Issue: 2026-06-04		 ESD Sensitive
Page (2) of (9)	iTD Drawing # 20260604	Revision #: Initial Release

Revision History							
Revision	ECO	Description	Date	Prep'd By	Ck'd By	Ck'd By	Appr'd By
V1.0		初始版本	2026-6-04	李良			

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顶设科技 i-Top Design	XKC2362 天线	Pb RoHS Compliant
Date of Issue: 2026-06-04		ESD Sensitive
Page (3) of (9)	iTD Drawing # 20260604	Revision #: Initial Release

1. Antenna picture

Thereport mainly provides the test status oftheelectricalproperties parametersof **YX-XKC2362-V1.4**.The **YX-XKC2362-V1.4** 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:

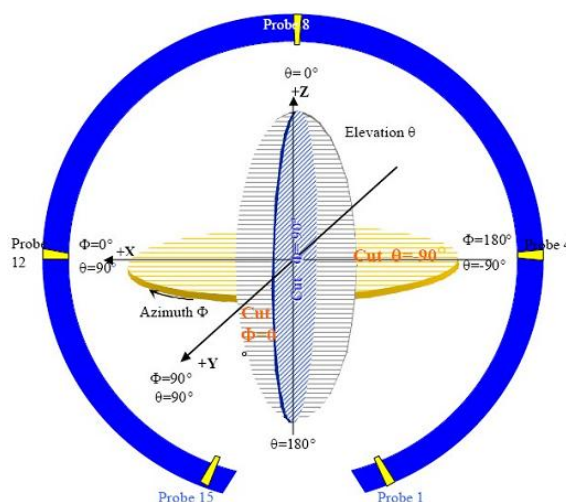


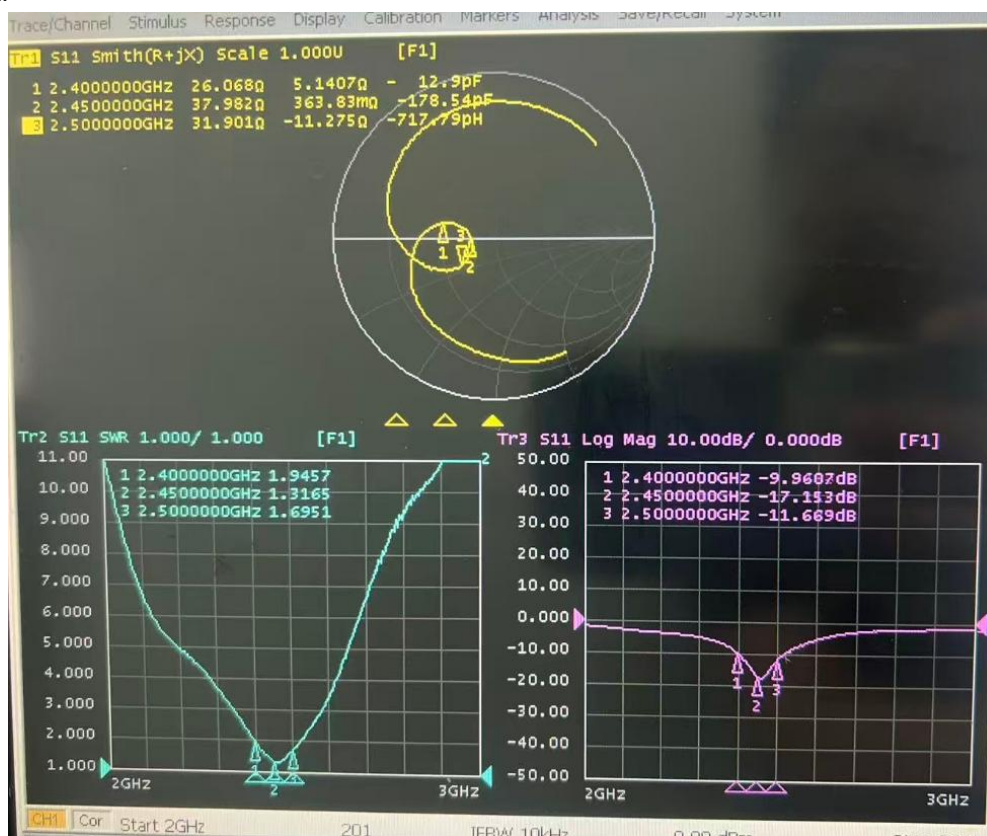
图 4 3D 微波暗室测试坐标系(back view)

顶设科技 i-Top Design	XKC2362 天线	Pb RoHS Compliant
Date of Issue: 2026-06-04		ESD Sensitive
Page (4) of (9)	iTD Drawing # 20260604	Revision #: Initial Release

3. Electrical Specification

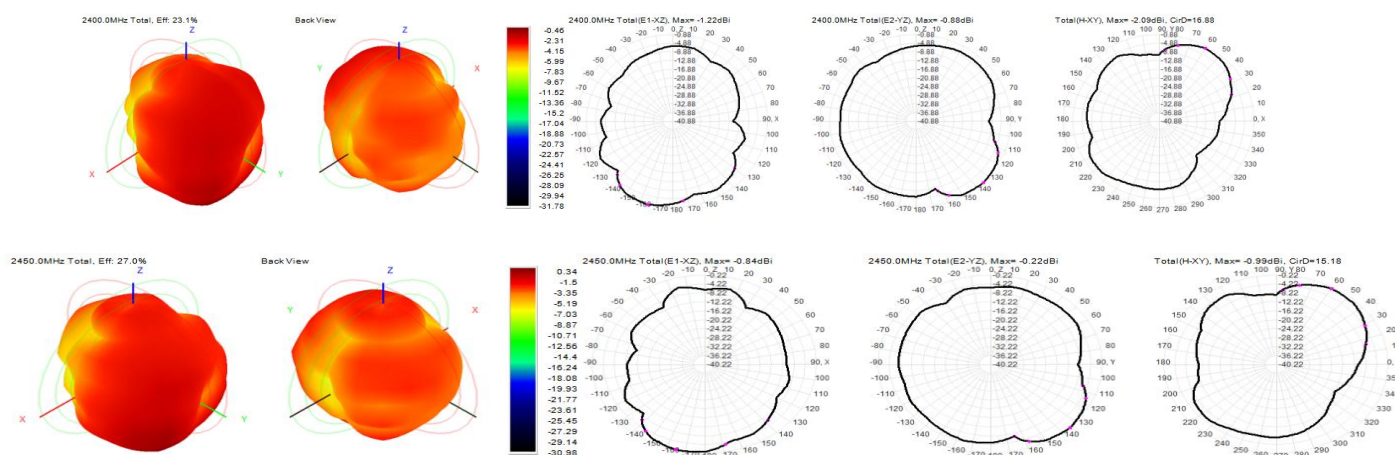
3-2 Passive S11 parameter L 边

Measuring Method is a 50 Ω 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.

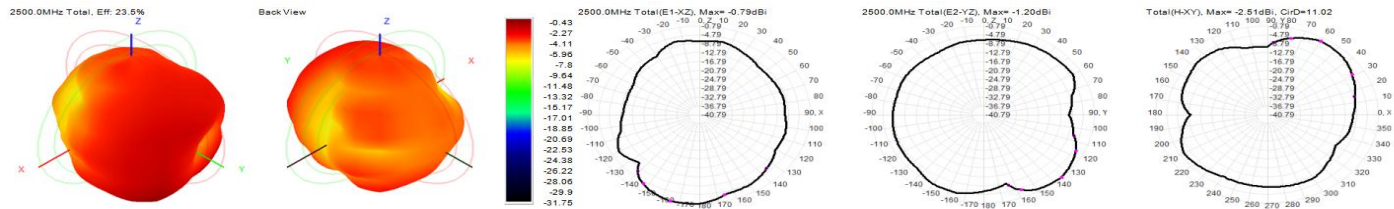


VSWR

3-3 2D/3D field pattern diagram L 边



顶设科技 <i>i-Top Design</i>	XKC2362 天线	 RoHS Compliant
Date of Issue: 2026-06-04		 ESD Sensitive
Page (5) of (9)	iTD Drawing # 20260604	Revision #: Initial Release



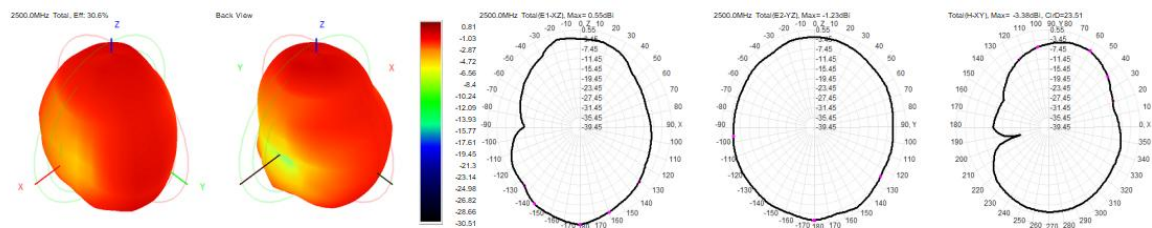
3-4 Passive efficiency & Gain

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)	-6.36	-6.37	-6.12	-5.95	-5.87	-5.69	-5.95	-5.90	-6.13	-6.10	-6.29
Gain (dBi)	-0.46	-0.29	0.00	0.14	0.19	0.34	0.05	0.12	-0.11	-0.13	-0.43
Efficiency (%)	23.15	23.08	24.42	25.42	25.85	26.95	25.39	25.72	24.35	24.53	23.50
Directivity (dB)	5.89	6.07	6.12	6.09	6.06	6.03	6.01	6.01	6.03	5.97	5.86
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)	120.00	120.00	120.00	120.00	60.00	60.00	60.00	60.00	60.00	60.00	60.00
Efficiency ThetaPol (%)	10.19	10.33	10.81	11.00	10.77	10.77	9.81	9.83	9.37	9.64	9.39
Efficiency PhiPol (%)	12.96	12.74	13.61	14.42	15.08	16.18	15.58	15.89	14.98	14.90	14.10
Upper Hem. Efficiency (%)	9.72	9.83	10.42	10.74	10.76	10.98	10.12	10.05	9.36	9.38	9.02
Lower Hem. Efficiency (%)	13.42	13.24	14.01	14.68	15.09	15.98	15.27	15.66	14.99	15.15	14.48

3-5 OTA active

FS BT TEST		
CH	TRP	TIS
0	4.48	-88.41
39	5.73	-89.25
78	6.35	-89.78
BH BT TEST		
CH	TRP	TIS
0	-1.52	-83.36
39	-0.28	-84.38
78	0.35	-84.75

顶设科技 <i>i-Top Design</i>	XKC2362 天线	Pb RoHS Compliant
Date of Issue: 2026-06-04		ESD Sensitive
Page (7) of (9)	iTD Drawing # 20260604	Revision #: Initial Release



3-8 Passive efficiency & Gain R边

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)	-6.23	-5.79	-5.49	-4.98	-4.93	-4.75	-4.77	-4.72	-4.83	-5.07	-5.14
Gain (dBi)	-1.92	-1.47	-1.36	-0.63	-0.41	0.09	0.38	0.63	0.72	0.71	0.81
Efficiency (%)	23.83	26.36	28.22	31.78	32.11	33.48	33.32	33.71	32.91	31.09	30.61
Directivity (dB)	4.31	4.32	4.14	4.35	4.52	4.84	5.15	5.35	5.55	5.78	5.95
Peak Gain Position (Theta)	0.00	0.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00	180.00
Peak Gain Position (Phi)	135.00	135.00	15.00	15.00	0.00	0.00	0.00	15.00	30.00	30.00	15.00
Efficiency ThetaPol (%)	7.62	8.52	8.99	9.95	9.76	9.90	9.66	9.79	9.75	9.58	9.81
Efficiency PhiPol (%)	16.21	17.84	19.23	21.83	22.34	23.59	23.66	23.92	23.16	21.51	20.81
Upper Hem. Efficiency (%)	11.64	13.11	14.03	15.57	15.42	15.69	15.23	15.02	14.29	13.31	13.09
Lower Hem. Efficiency (%)	12.19	13.24	14.19	16.20	16.68	17.79	18.09	18.70	18.62	17.78	17.52

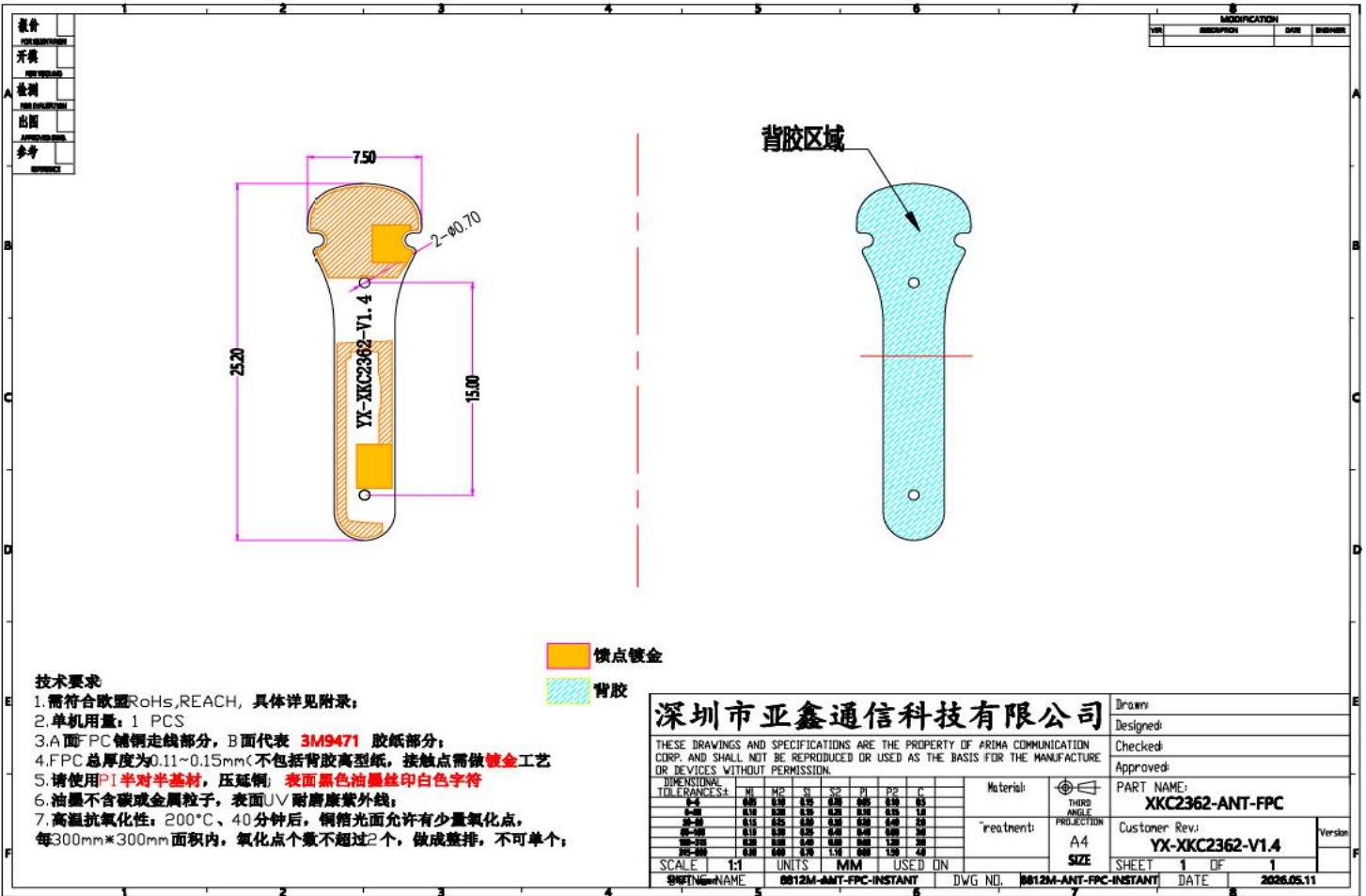
3-9 OTA active

FS BT TEST		
R		
CH	TRP	TIS
0	5.05	-88.95
39	6.32	-89.88
78	6.89	-90.03
BH BT TEST		
R		
CH	TRP	TIS
0	-0.95	-83.92
39	0.32	-84.86
78	0.89	-85.12

顶设科技 i-Top Design	XKC2362 天线	Pb RoHS Compliant
Date of Issue: 2026-06-04		ESD Sensitive
Page (8) of (9)	iTD Drawing # 20260604	Revision #: Initial Release

4. Mechanical Specification:

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



	XKC2362 天线	 RoHS Compliant
Date of Issue: 2026-06-04		 ESD Sensitive
Page (9) of (9)	iTD Drawing # 20260604	Revision #: Initial Release

