

Antenna data sheet

Product No.

YX-ALK-TX05(PA)camera-V1.0

Antenna type: FPC antenna

Peak gain: 0.32dBi

Manufacturer: ShenZhen yixin Electronic Technology Co.,Ltd

Address: Room 201, Building 2, Nantaiyun Chuanggu, Fenghuang Street,
Guangming District, Shenzhen, China

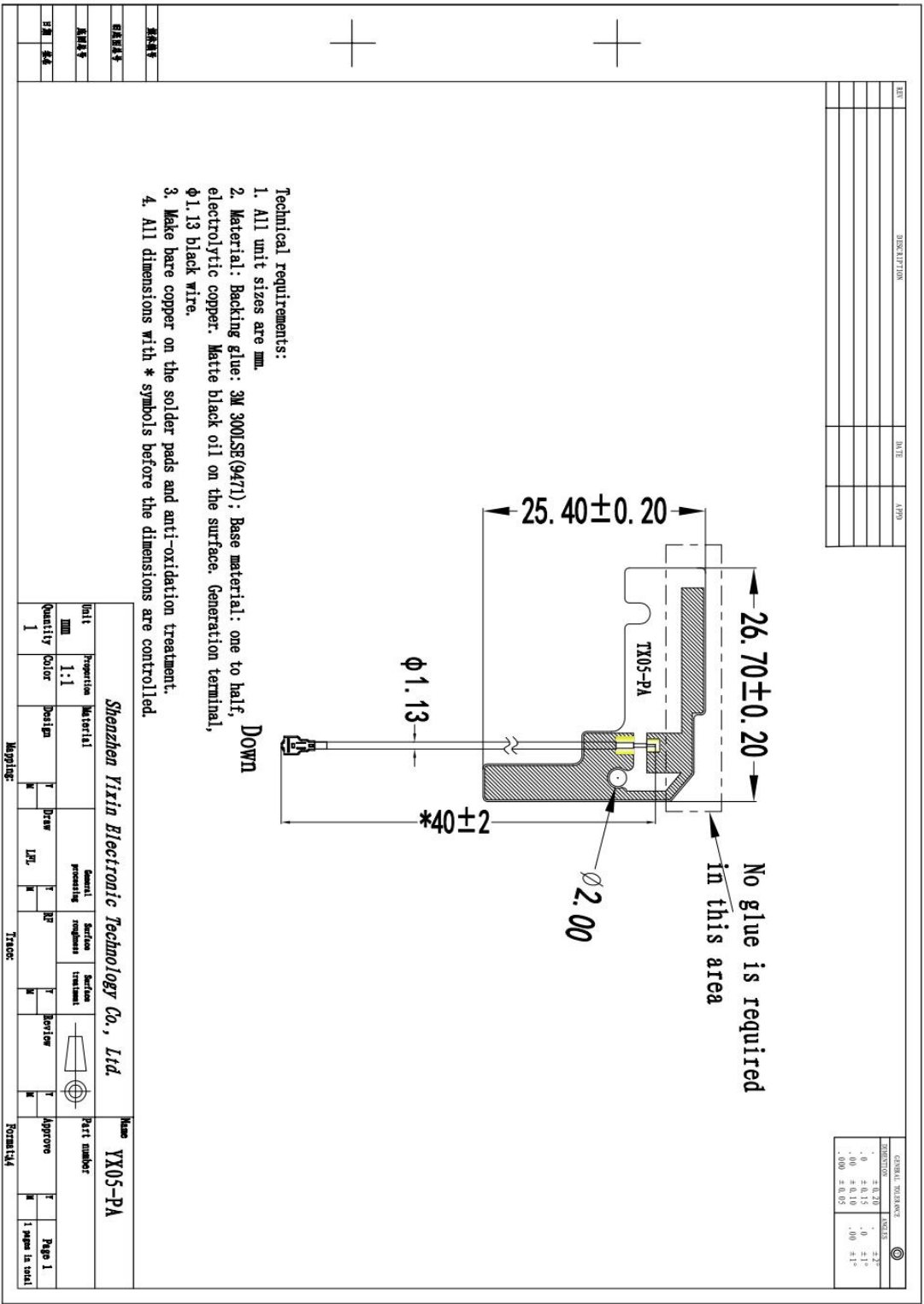
1. General product specifications

NO.	ITEMS	DETAILS
1	Type	TX05(PA)camera
2	Operating Frequency Band	2400-2500MHz
3	VSWR	≤ 2.0
4	Impedance	50 Ω
5	Antenna Type	FPC
6	Entity Picture	

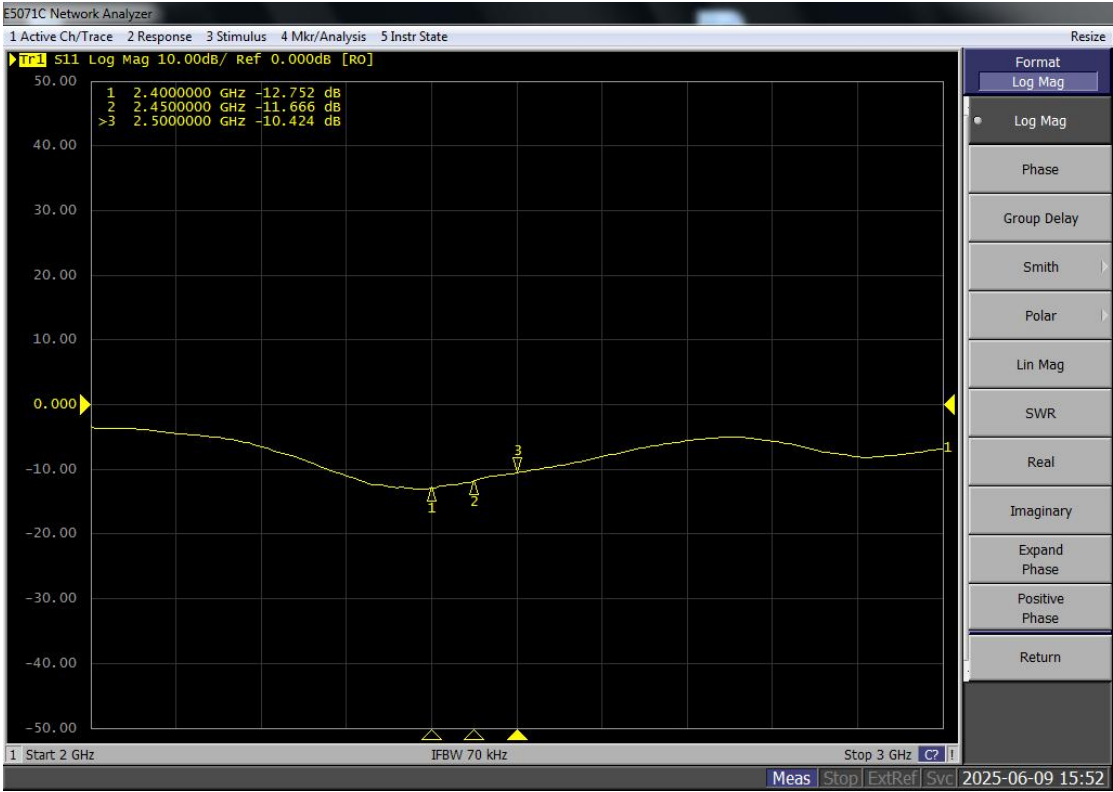
2. Specification Detials

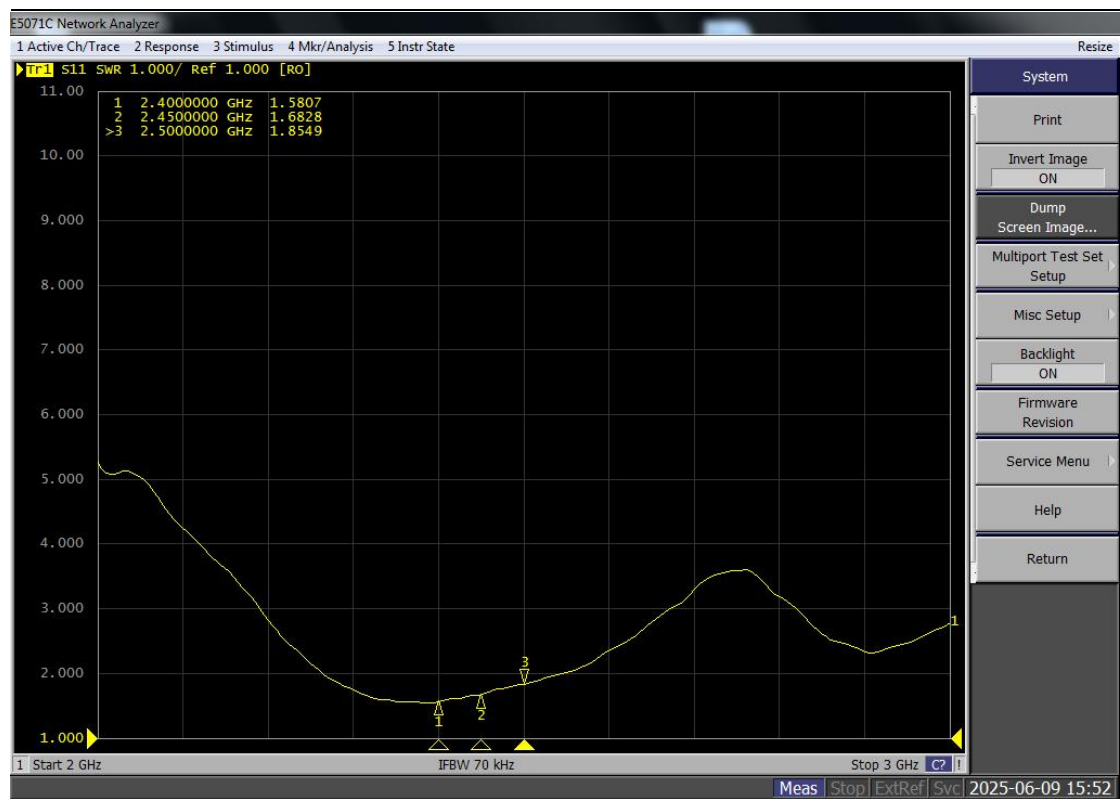
serial number	material	specifications (MM)
1	FPC	26.7MM*25.4MM black
2	coaxial-line	First-generation terminal, with total length of 40mm and Φ 1.13 black wire.

3.Product drawings:



Marker	2400MHz	2450MHz	2500MHz
Returnloss	1.58	1.68	1.85
VSWR	-12.75	-11.66	-10.42

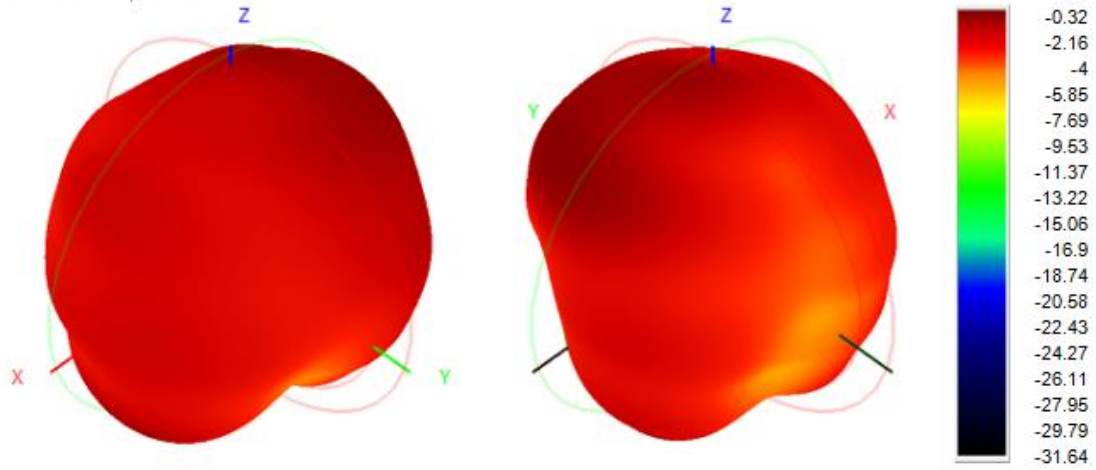




frequency (MHz)	Gain (dBi)	Efficiency (%)
2400	-0.32	38.86
2450	0.32	40.44
2500	0.04	39.79

2400.0MHz H+V, Eff: 38.9%

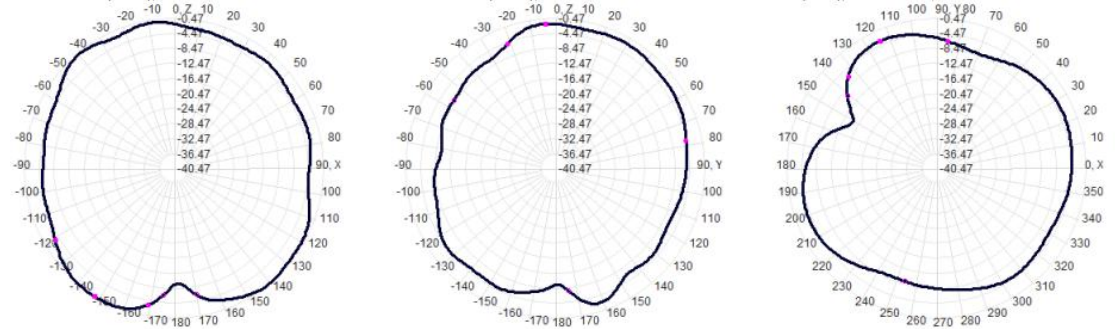
Back View



2400.0MHz Total(E1-XZ), Max=-0.47dBi

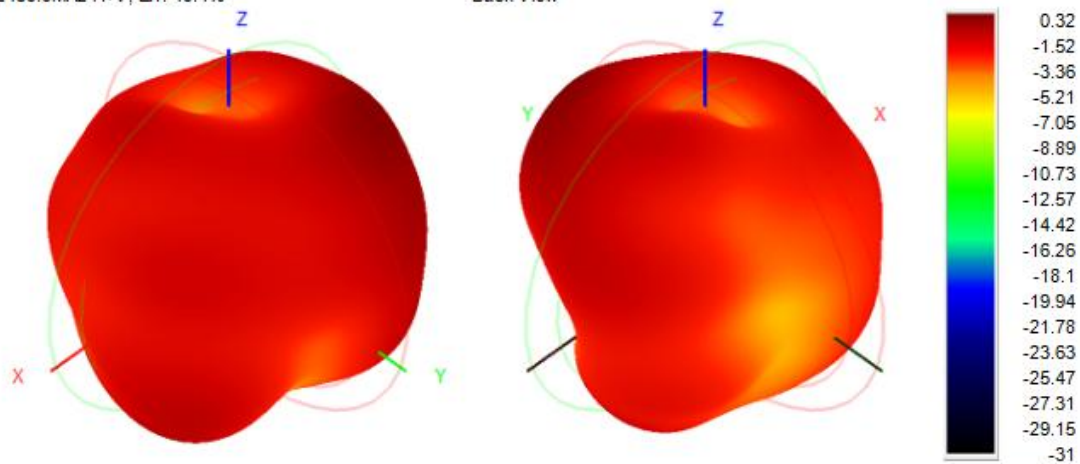
2400.0MHz Total(E2-YZ), Max=-1.89dBi

Total(H-XY), Max=-3.37dBi, CirD=11.51

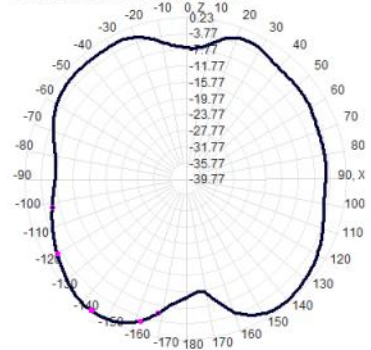


2450.0MHz H+V, Eff: 40.4%

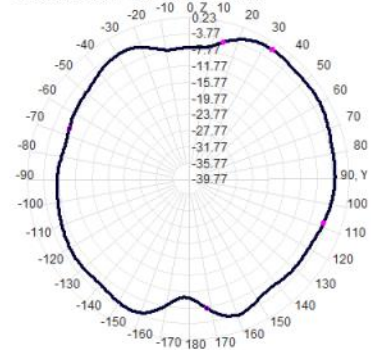
Back View



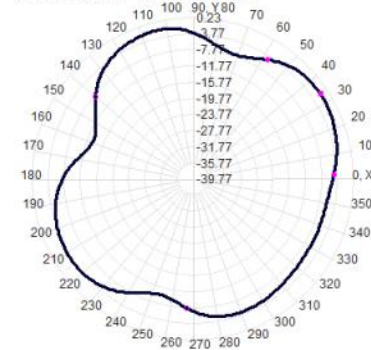
2450.0MHz Total(E1-XZ), Max= 0.23dBi



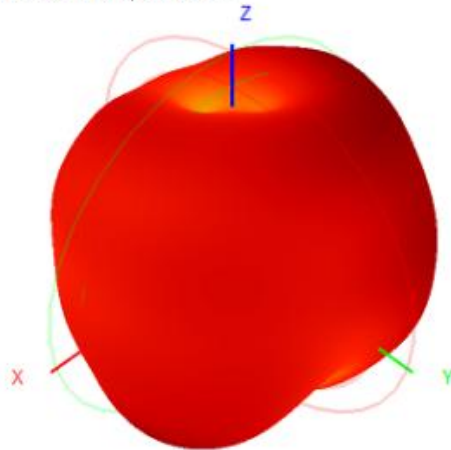
2450.0MHz Total(E2-YZ), Max= -1.61dBi



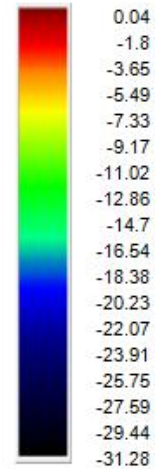
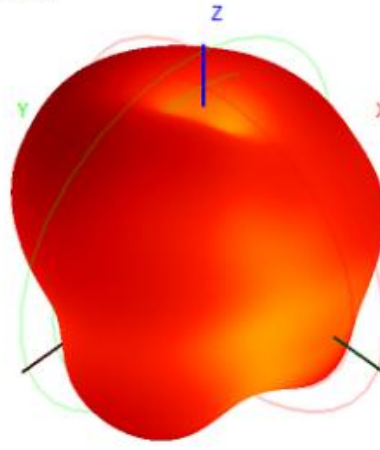
Total(H-XY), Max= -1.82dBi, CirD=11.47



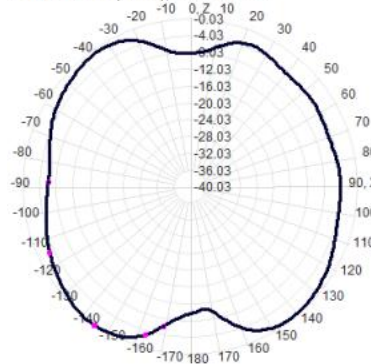
2500.0MHz H+V, Eff: 39.8%



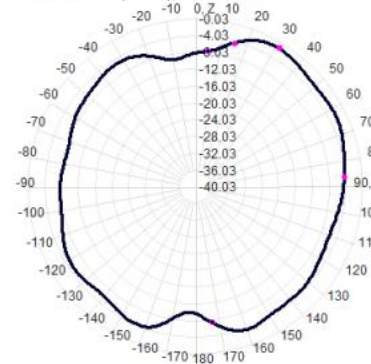
Back View



2500.0MHz Total(E1-XZ), Max= -0.03dBi



2500.0MHz Total(E2-YZ), Max= -1.56dBi



Total(H-XY), Max= -2.12dBi, CirD=7.71

