

Shenzhen Feixin Wireless

2.4G fpc Antenna

Product specification sheet

Customer	CHERRY	Frequency band	2400-2500MHz
Name	2.4G-FPC ANTENNA	Edition	A1
Material nember	FX-2.4G-0149A	Date	2024-05-17

Manufacture: Shenzhen Feixin Wireless Communication Co.,Ltd.

Address: Room 305, Building A, Changjing Robot Industrial Park, Guanhu Sub-district, Longhua District, Shenzhen City

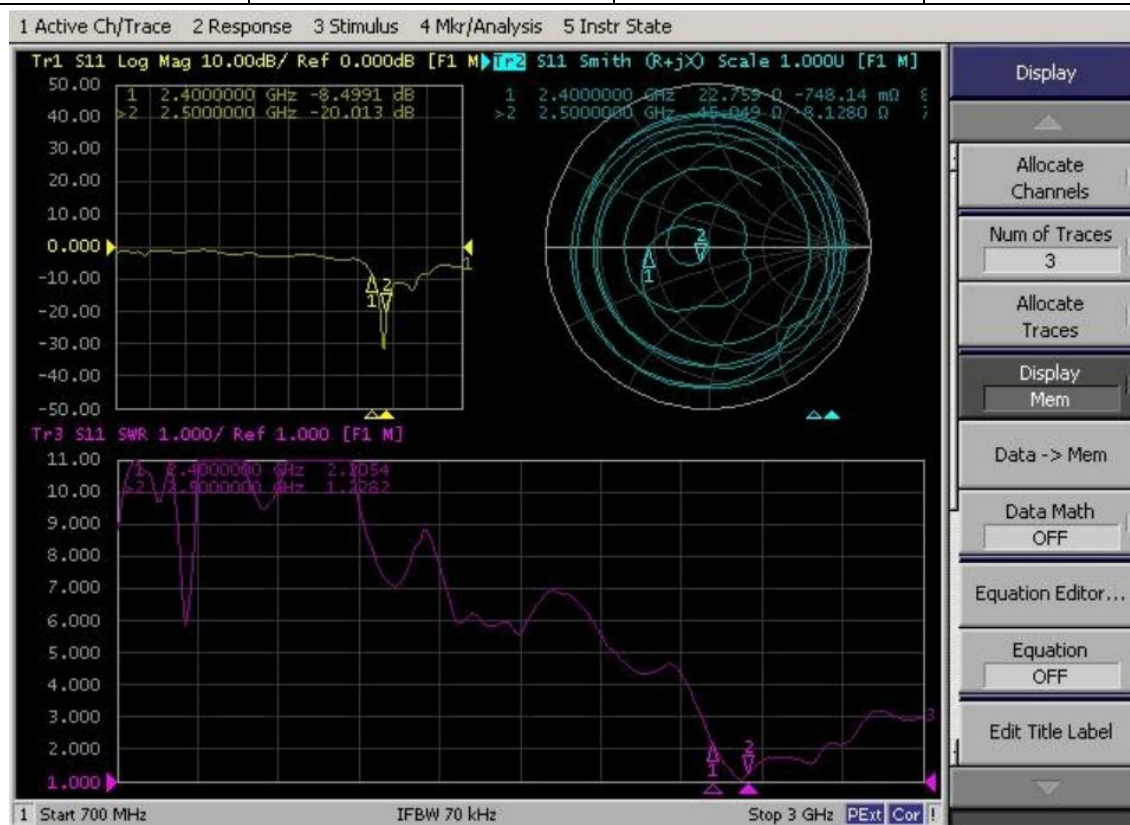
—, (Product Image)

Please refer to internal photos.

二, Product Parameter

Product Testing Parameter			
Name	2.4G-fPC Antenna	Model Type	FX-PZDF-P001-1.13B-130-1
Electrical Spectifications			
Frenquency	2400-2500MHz	Polarization	Vertical
Impedance	50(Ω)	Radiation direction	omnidirectional
Vswr	≤ 3.0	power	50W
Gain	2.62dbi	Bandwidth	100MHz

MECHANICAL Specifications			
Dimensions	50.8 $\pm$ 0.15mm	Radome color	Black
connector	IPEX 1	Cable length	90 $\pm$ 3
temperature	-40 $^{\circ}$ C $\pm$ 85 $^{\circ}$ C	Limit temperature	-40 $^{\circ}$ C $\pm$ 85 $^{\circ}$ C



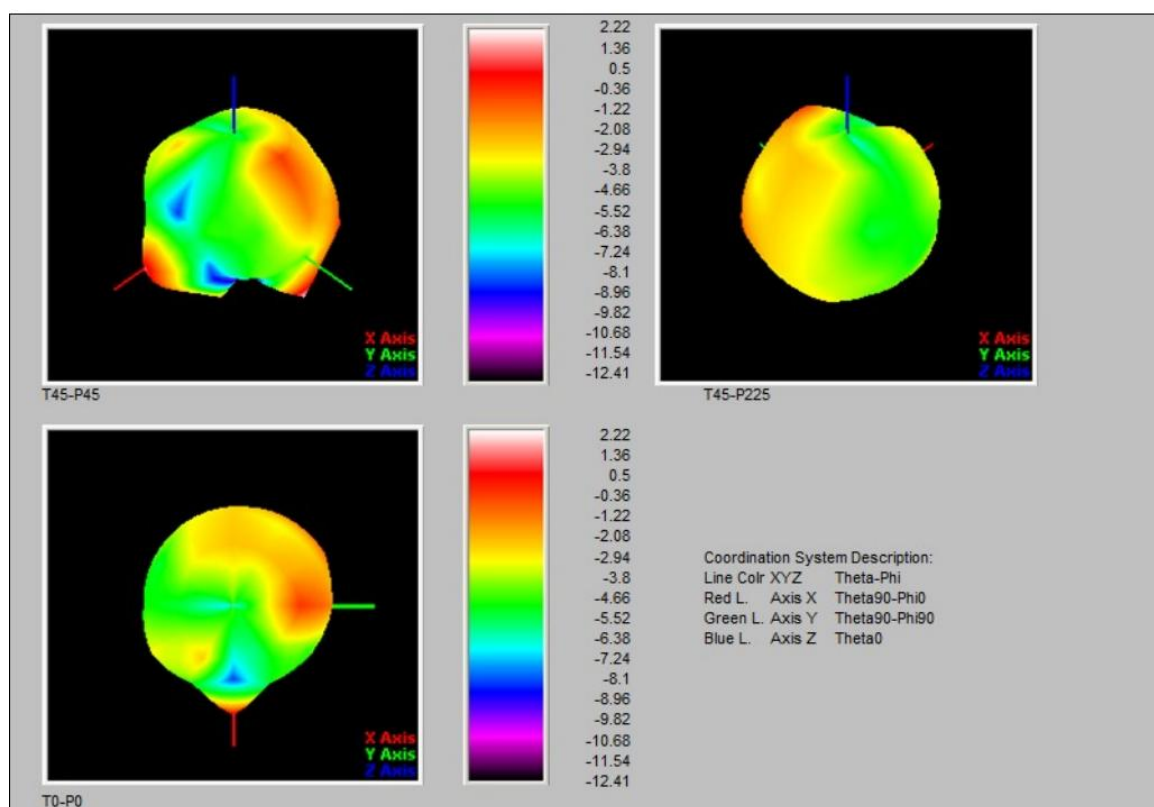
三, VSWR 、 Return loss 、 Smith

1, Antenna efficiency, frequency, and gain

OTA	Passive	Date
frequency	Efficiency (%)	Gain/ dbi
2400MHz	45.1%	2.22
2410MHz	37.3%	1.58
2420MHz	42.3%	2.3.3

2430MHz	38%	1.92
2440MHz	41.6%	2.58
2450MHz	42.2%	2.55
2460MHz	41.9%	2.62
2470MHz	43.3%	2.58
2480MHz	40.8%	2.34
2490MHz	44.7%	2.5
2500MHz	40.6%	2.1

2, Antenna app chart Passive -Freq2400.00MHZ



四,Structural drawings

