

Shem zhen hongxin technology electronics Co.Ltd

SPECIFICATION FOR APPROVAL

Name of the company : _____

Name of an article : _____ 2.4G FPC antenna _____

Material code : _____ HX-FPC24-269-120B1 _____

Customer item number: _____

Specifications : _____ See the specification _____

Date : _____ 2025-09-17 _____

Customer countersignature:

Department of Engineering	Quality department	Approve

Shem zhen hongxin technology electronics Co.Ltd:

Department of Engineering	Quality department	Approve
Zhuang wei feng	Zhang huan	Liu lu

1. Antenna Parameters

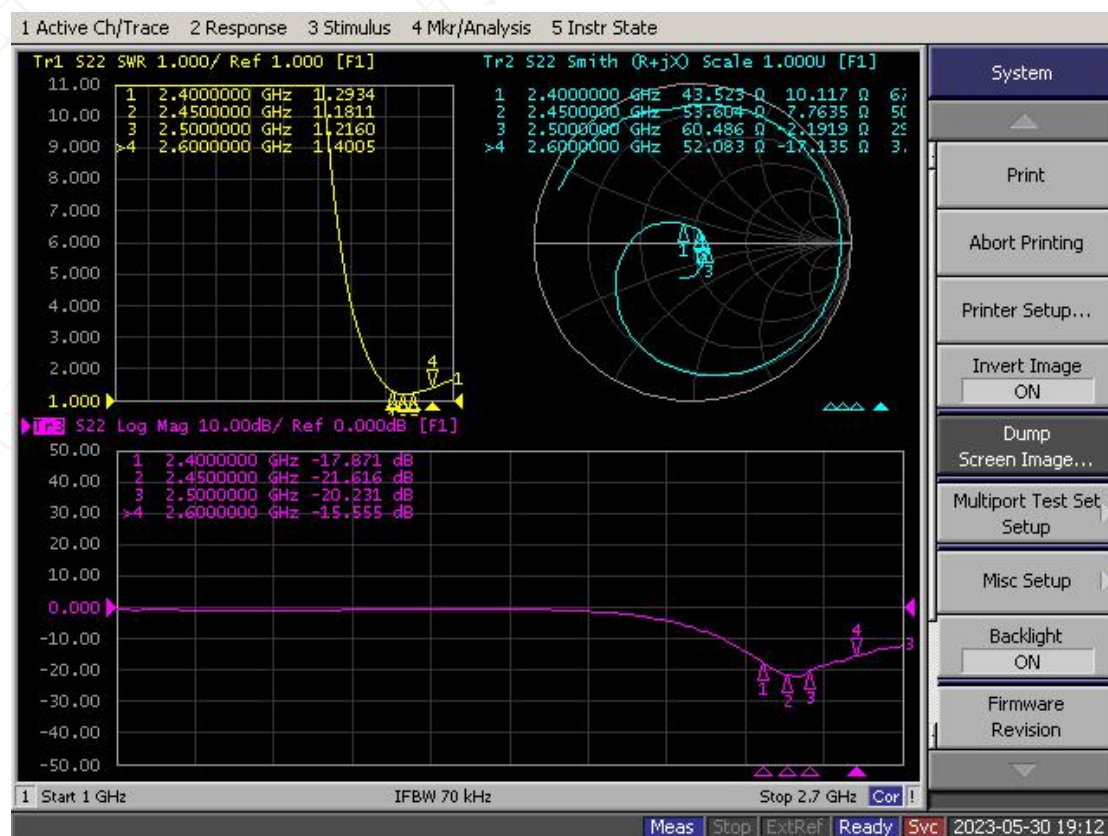
Design Specifications	Typical	Units
Antenna form	FPC antenna	
working Frequency	2400-2500	MHZ
Gain	3	DBi
Antenna efficiency	35~80	%
VSWR	<1.8	
Ploriaztion	vertical polarization	
Radiation pattern	omnidirection	
impedance	50	ohm
Power handling	33	dbm
Interface	IPEX 1	
Overall dimensions	26*9	mm
Weight	No requirement	
Operatin Temp	-30-70	°C
Storing Temp	-30-70	°C

2. Antenna physical diagram



- Fill:**
1. The antenna parameters are tested according to the simulated environment, and there will be performance deviations for different products.
 2. The function of the antenna is sensitive. Please inform us to evaluate if there is any change in the peripheral structure of the main body.

3. VSWR/Return Loss/Smith Chart



4.Storage environment

Working temperature: -30 to 70°C

reserve temperature: -30 to 70°C

5.Dimensions

