

Shenzhen Hongxin Technology Electronics Co., LTD

Product recognition SPECIFICATION FOR APPROVAL

corporate name: _____

name of a part: Rubber

P / N: HX -AP 25- 16018-D 1

Customer No.: _____

specifications: See specification for details

date: 2022-07-01

Customer return:

engineering department	quality department	ratify

Shenzhen Hongxin

engineering department	quality department	ratify
Zhuang Weifeng	Zhang Huan	Liu Lu

One: day, line parameters

Design Specifications	Typical	Units
Antenna form	Rubber rod antenna	
Operating Frequency (working Frequency)	2500-5800	MH Z
Gain (Gain)	3	DBi
Antenna efficiency (Antenna efficiency)	35~80	%
Voltage standing-wave ratio (VSWR)	<1.8	
Polarization mode (Polarization)	vertical polarization	
Radiation direction (Radiation pattern)	omnidirectional	
Feeding impedance (impedance)	50	ohm
Power capacity (Power handling)	33	dBm
Antenna interface (Interface)	SMA, internal screw internal needle	
Antenna dimensions (Overall dimensions)	160*18	mm
Weight (Weight)	no requirement	
Operating temperature (Operating Temp)	-30-70	°C
Storage temperature (Storing Temp)	-30-70	°C

Two: the antenna real picture



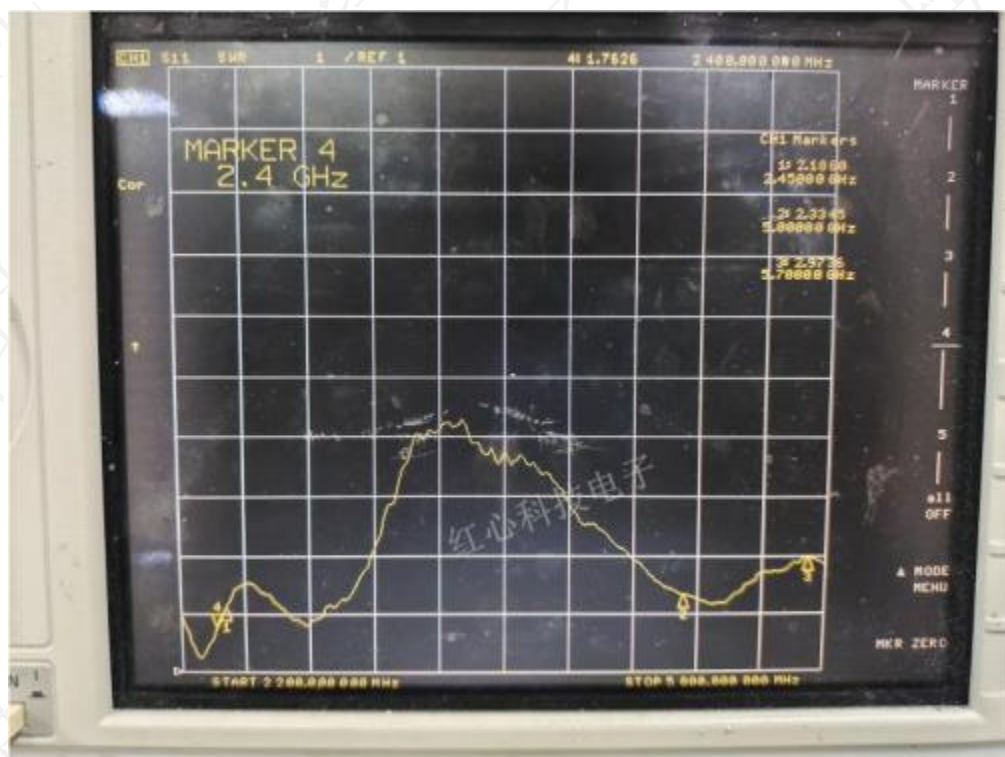
Note: 1. Antenna parameters are tested according to the simulated environment, and there will be performance deviations for different products

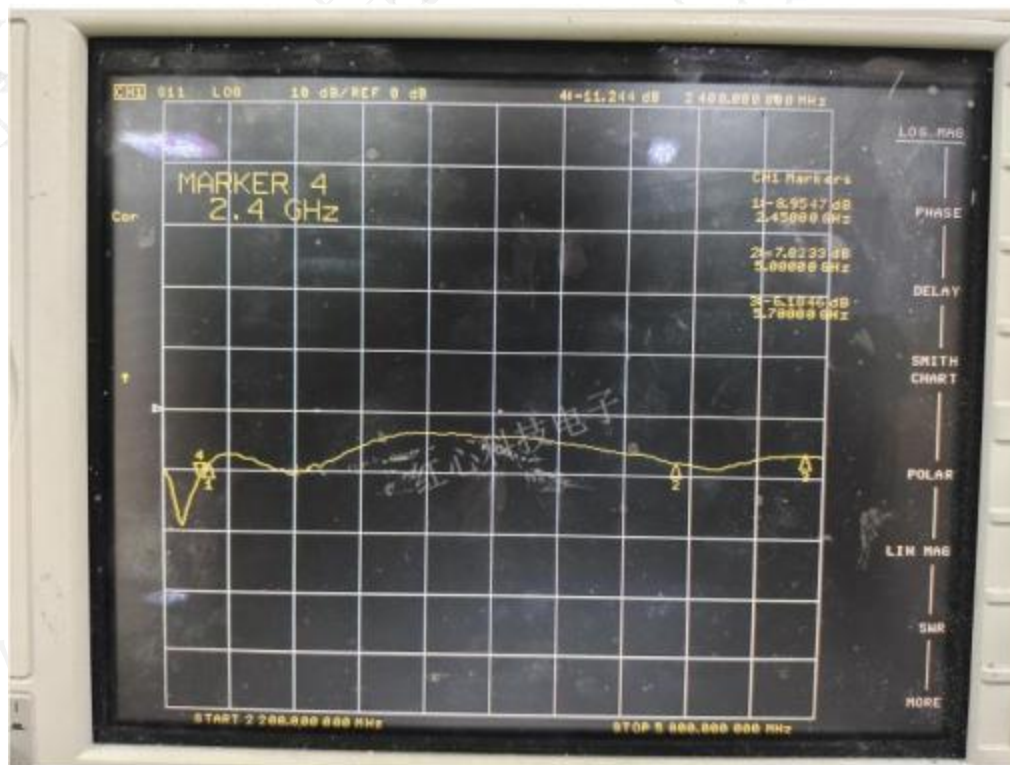
2. The antenna function is relatively sensitive. If there is any change in the main body surrounding structure, please inform us for evaluation

3. VSWR (voltage standing-wave ratio) / Return Loss (echo loss) / Smith Chart

(Smith chart)

VSWR (voltage wave ratio)



Return Loss (echo loss)**Smith Chart (Smith circle chart)**

Four: storage environment

Operating temperature: -30 to
70° C

Storage temperature: -30 to 70°
C

