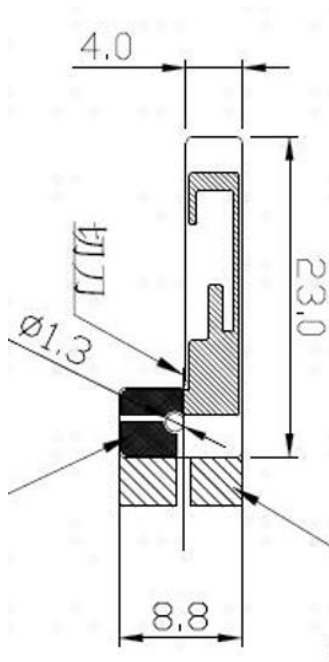


Shanghai Jiesheng Kang Communication Engineering Co., Ltd.

2H073C-37

(1) Datasheet	
Model name	2H073C-37
category	WIFI
frequency band	2400-2500M 5000-5880M
form	Built-in antenna in PCB
Polarization	linearly polarized
standing wave	$\leq 1.6@2400-2500M$ $\leq 4.8@5000-5880M$
efficiency	$\geq 60%@2400-2500M$ $\geq 22%@5000-5880M$
gain	$\leq 3.3dBi@2400-2500M$ $\leq 0dBi @5000-5880M$
Color and material	green /PI
Dimension	23*8.8 (mm)
operating temperature	-40~85°C
characteristic impedance	50Ω
radiation direction	Vertical and horizontal
manufacturer	Shanghai Jiesheng Kang Communication Engineering Co., Ltd.

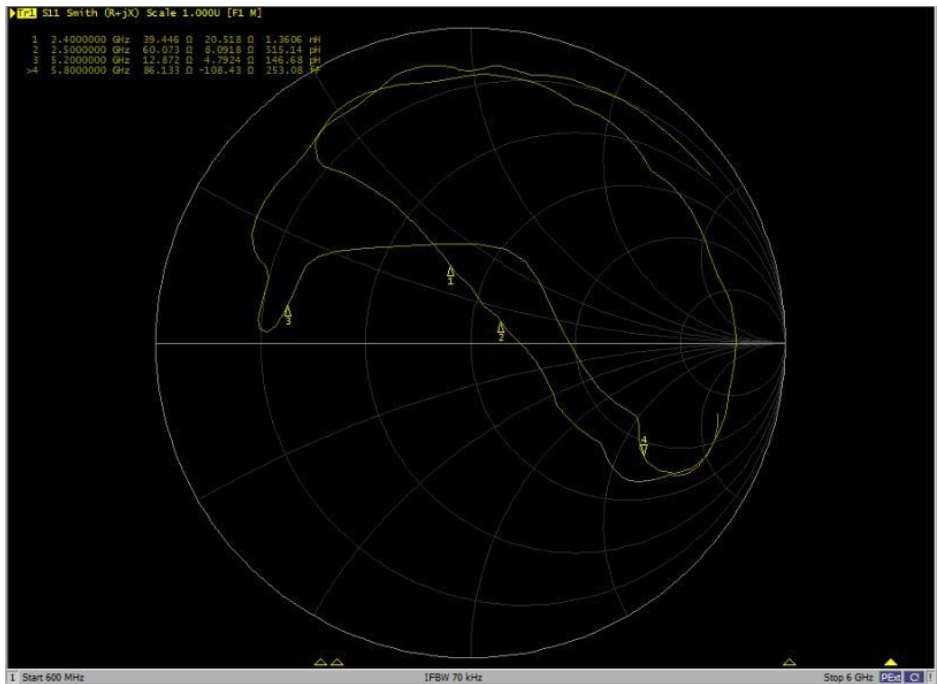
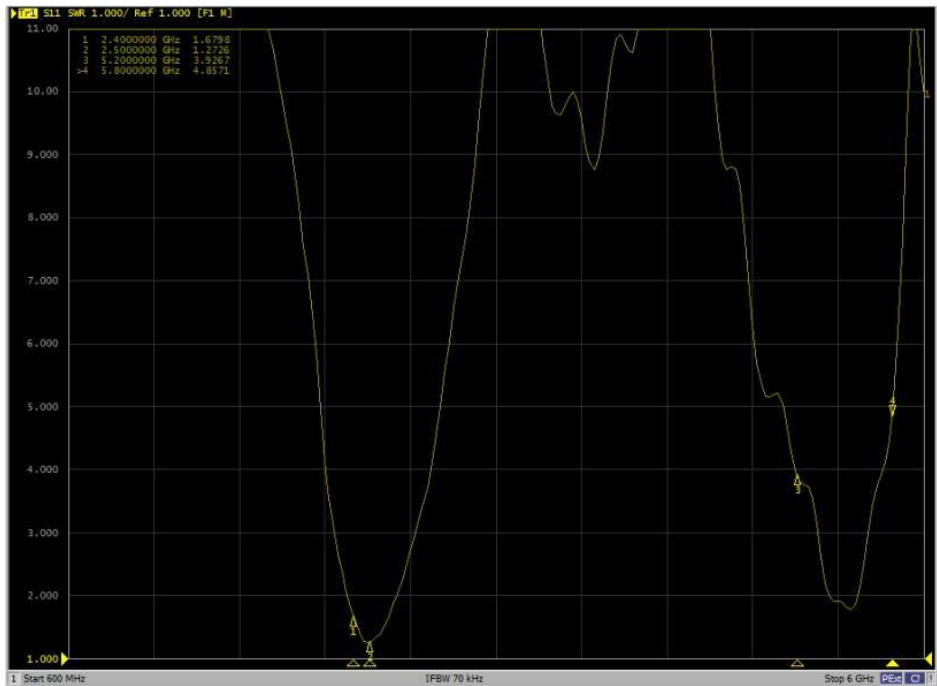
Photo and Dimensions 23*8.8 (mm)



Test environment

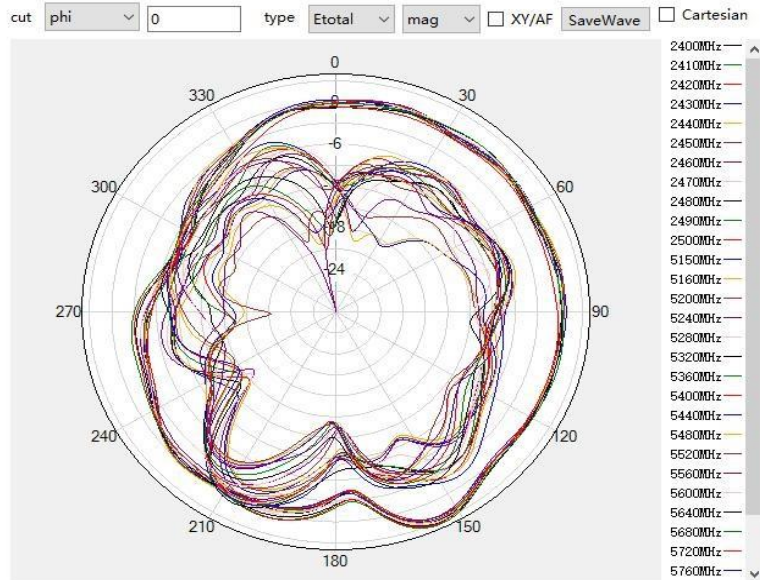


(2) **S11**

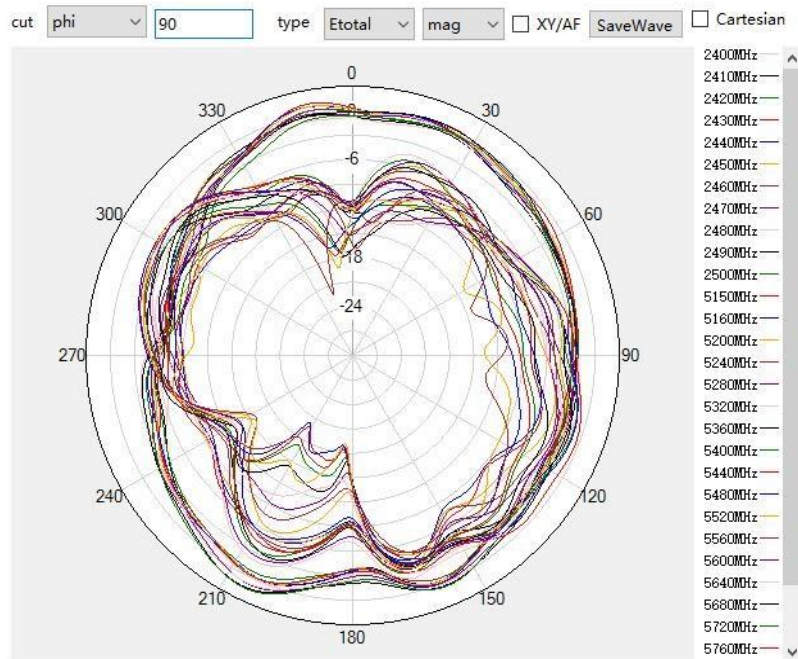


directional diagram: E&H Polar Plot:

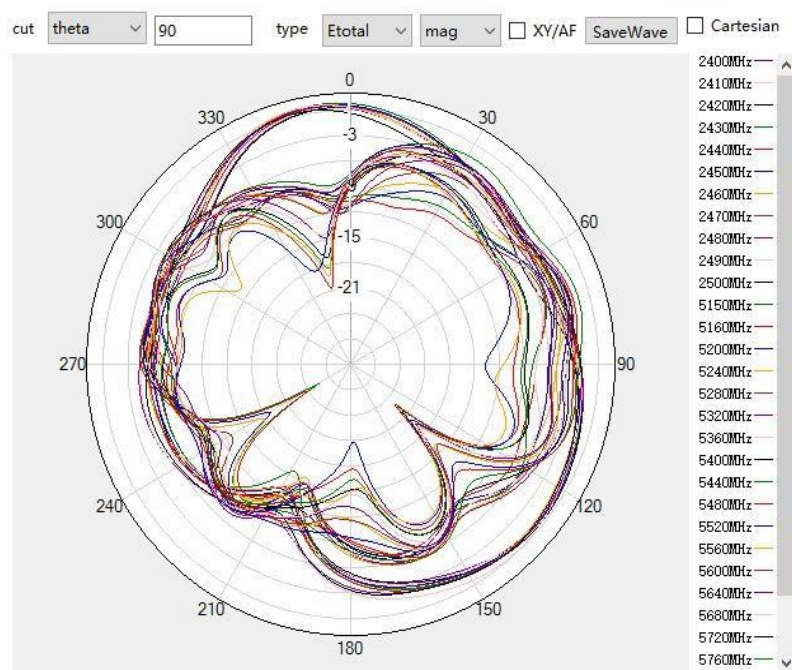
E1



E2



H



Passive efficiency test data

Gain&Efficiency		
frequency (MHz)	gain (dB)	efficiency
2400	2.85	60.43%
2420	2.58	61.21%
2440	2.99	63.75%
2450	2.62	62.68%
2470	3.3	65.65%

2480	3.42	66.87%
2500	3.37	64.25%
5150	1.21	22.36%
5200	1.41	22.89%
5280	2.63	26.81%
5360	2.83	30.24%
5440	2.33	37.59%
5520	-0.06	29.73%
5600	-0.71	25.46%
5680	-1.41	25.82%
5760	-1.67	23.87%
5800	-1.72	22.81%
5850	-1.97	22.14%