

1. Antenna Description

Frequency Range (MHz)	2400-2500
Market name/Model name	ACS270
Input Impedence (Ω)	50
V.S.W.R	≤ 2.0
Ant Gain (dBi)	1.66
Polarization Type	垂直Vertical
Maximum power(W)	10W
Vertical lobe Angle (E)	45~60°
Water plane lobe Angle (H)	360°
Ant Material	PCB
Connect Type	IPEX(1代)
Ant Size	47*7*0.7MM
Operating Temp	-20 ~ +80 °C
Storage Temp	-30 ~ +80°C

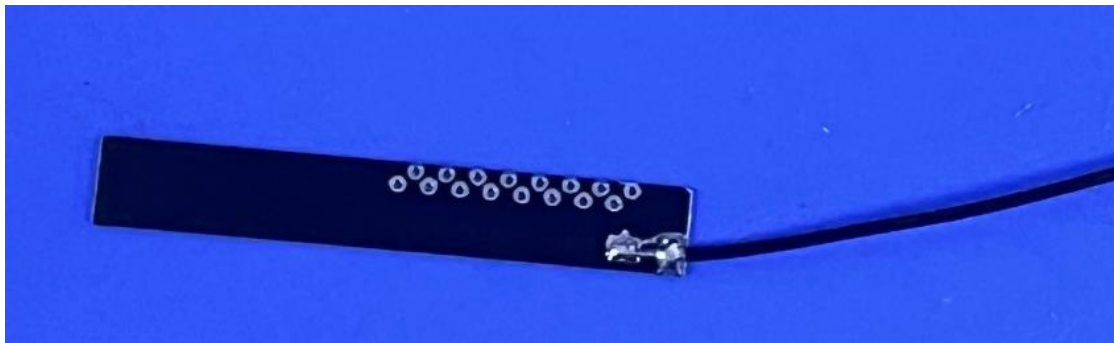
Manufacturer: Shenzhen Kexin Wireless Technology Co., Ltd

Address: Building H, Hongyingli Industrial Zone, Shabeili, Baolong Street, Longgang District, Shenzhen City

2. Picture of antenna

Width=7mm

Length=47mm

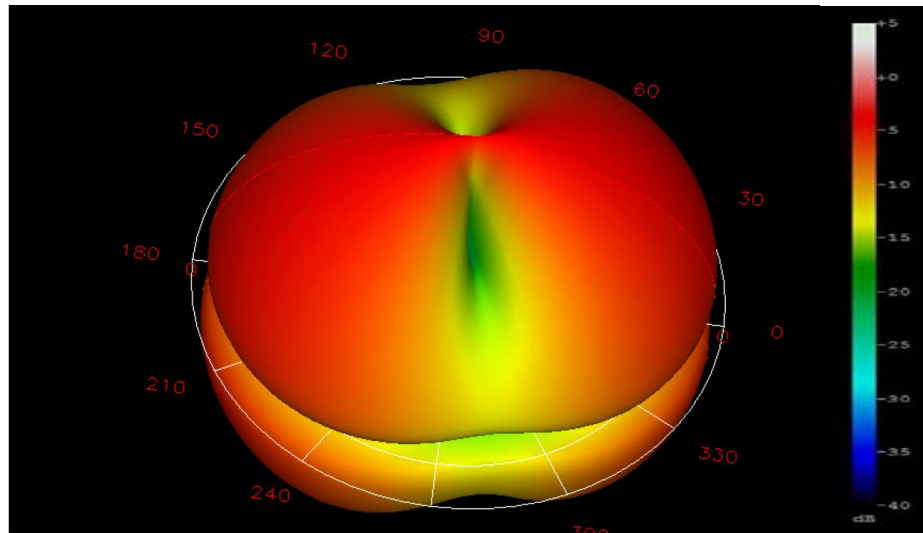


3. Antenna Radiation Pattern

Radiation pattern--2.402GHz

Total Average Gain: 1.20dBi

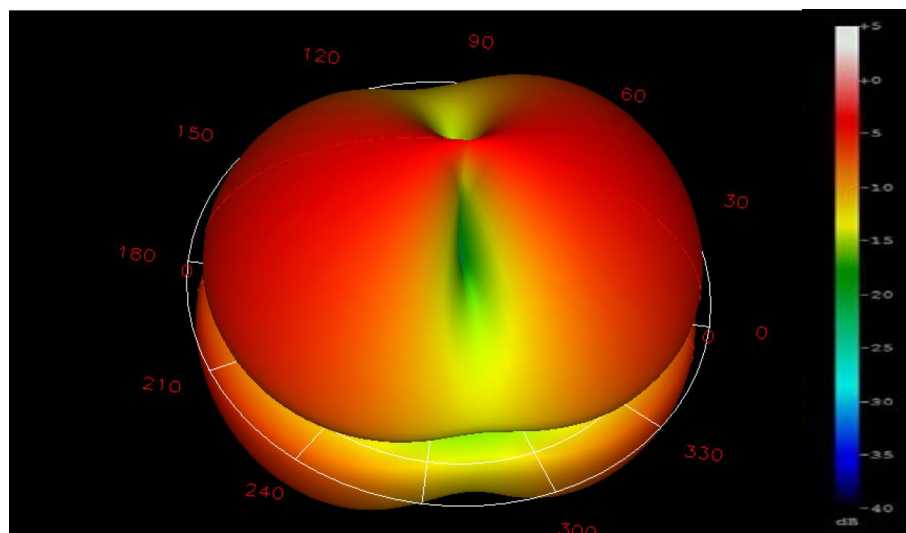
Phi	0	45	90	135	180	235	270	315
Gain	0.12	1.20	0.71	0.37	0.54	0.69	-0.14	0.34



Radiation pattern--2.441GHz

Total Average Gain: 1.42dBi

Phi	0	45	90	135	180	235	270	315
Gain	0.36	1.42	0.78	0.18	0.43	1.08	-0.05	0.36



Radiation pattern--2.480GHz

Total Average Gain: 1.66dBi

Phi	0	45	90	135	180	235	270	315
Gain	0.43	1.66	1.16	0.86	0.80	1.23	0.53	0.93

