

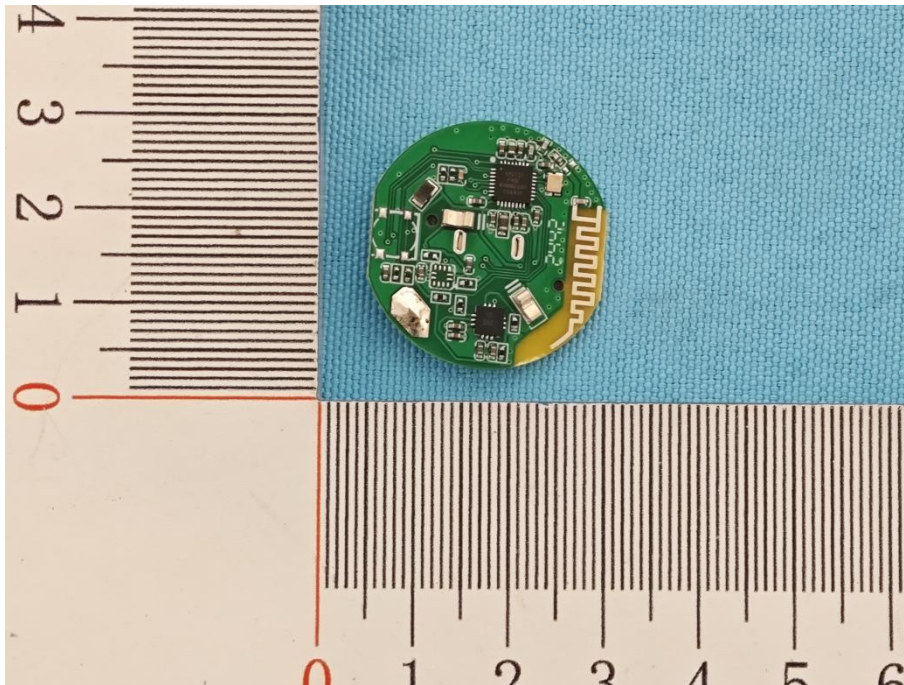


Shenzhen Reflying Electronic Co.,Ltd

RHK52 PCB Antenna Datasheet

Model: 2.4G PCB Antenna

1. PCB Antenna Appearance



Manufacturer: iMX Electronic (Shenzhen) Co.,LTD

Address: F/4,East Side Mech.Factory,EVOC Tech.Industrial Park,No.11,Gaoxin Rd,Gaoxin Area,Dongzhou Community,Guangming Street, Guangming District,Shenzhen City,Guangdong Province,P.R.China

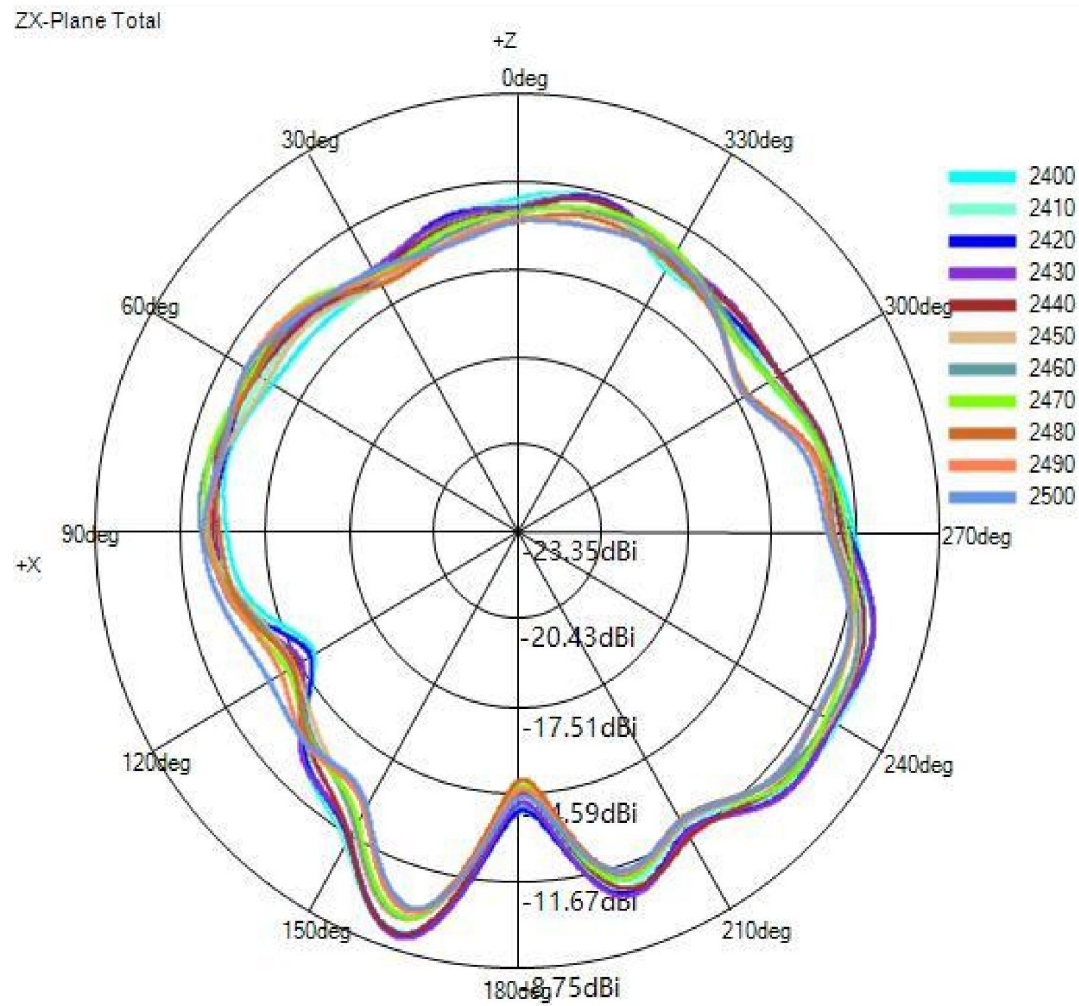
2. Antenna performance

2.1 Typical free space efficiency and gain

Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	-9.03	-8.97	-8.97	-8.94	-8.89	-9.15	-9.02	-9.25	-9.80	-9.44	-9.46
Efficiency/%	4.36	4.43	4.48	4.49	4.34	4.11	4.20	4.15	3.87	3.92	3.97

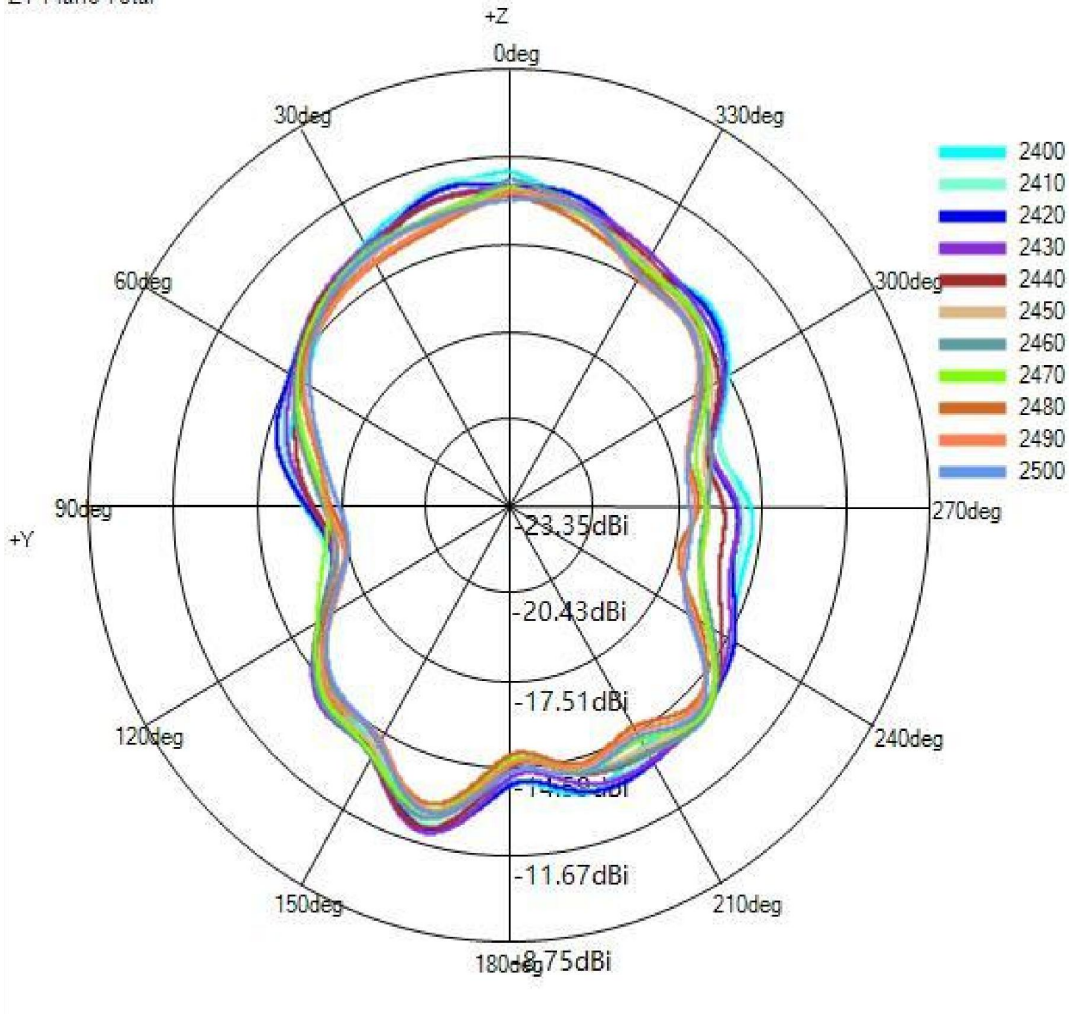
2.2 Typical free space radiation pattern

(1) X-Z Plane(unit:dBi):

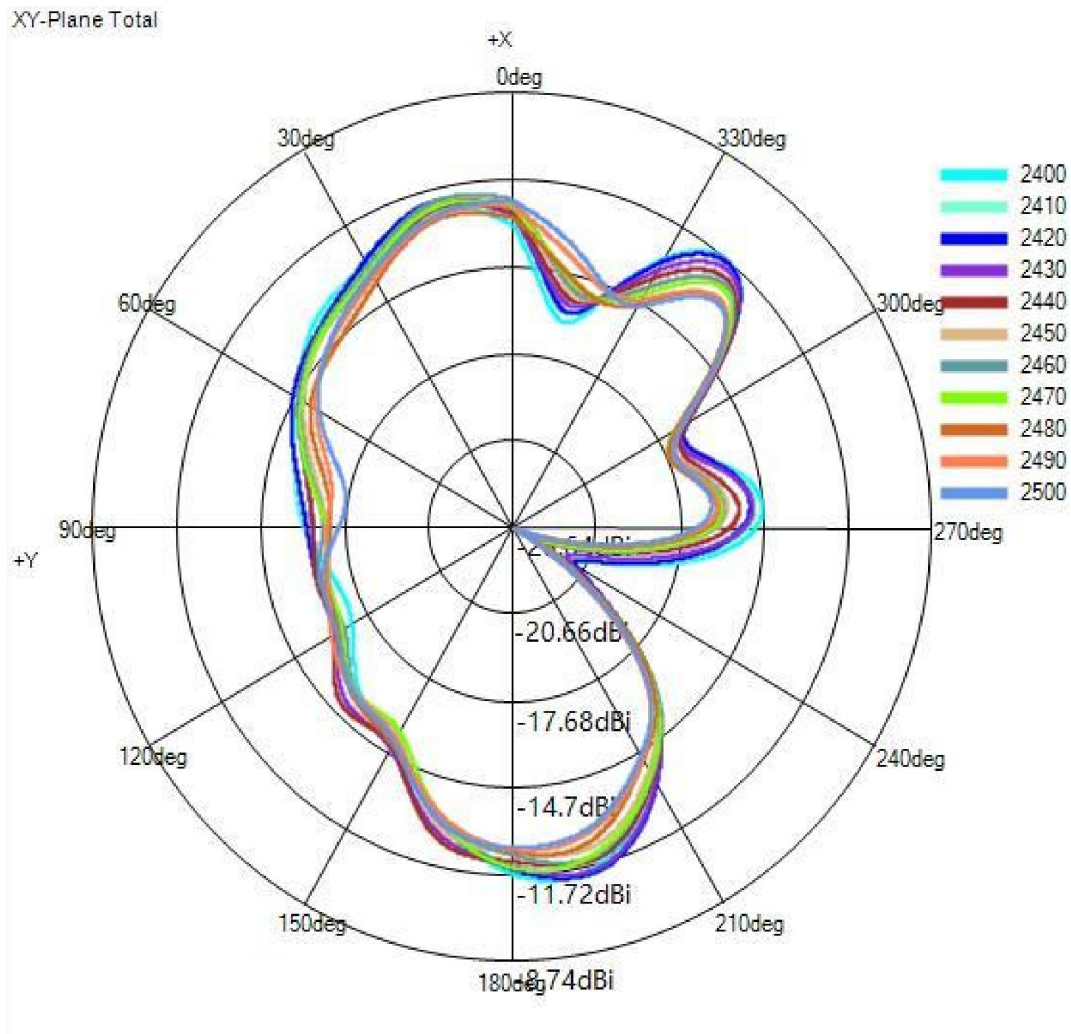


(2) Y-Z Plane(unit:dBi):

ZY-Plane Total



(3) X-Y Plane(unit:dBi):



(4) Typical Free Space 3D Radiation Pattern at 2.44GHz(unit:dBi):

