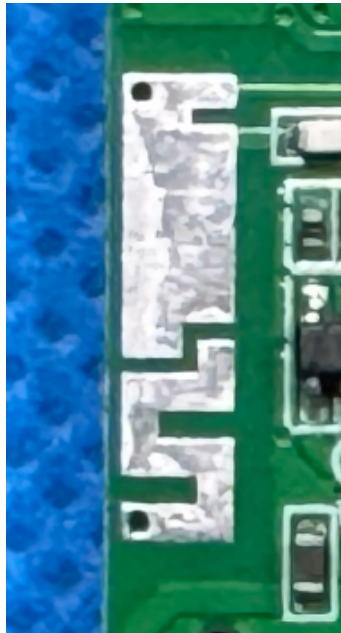


Antenna Specification

Summary

ITEM	ANT SPEC
Model Name	2.4G ANT
MAX. Gain	-18.06dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	12.7mm
Manufacture	Shenzhen Oukai Automotive Technology Co., Ltd
Address	216, Building B, Tea Tree Industrial Zone, Xiaweyuan New Village, Gushu Community, Xixiang Street, Bao'an District, Shenzhen
Antenna Type:	PCB Antenna

Antenna Photo & Length (mm)
L*W:12.7*2.8mm



Test data

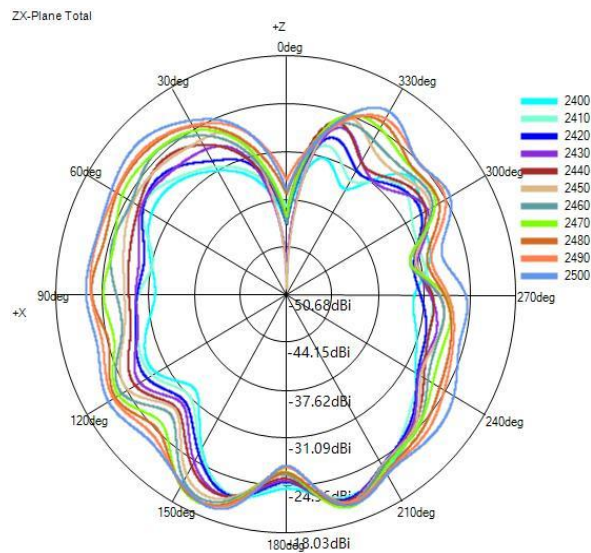
Typical free space efficiency and gain

Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	-19.75	-20.04	-20.07	-19.90	-19.91	-19.57	-19.22	-19.07	-18.55	-18.41	-18.06
Efficiency/%	0.17	0.17	0.18	0.20	0.23	0.25	0.30	0.35	0.39	0.44	0.49

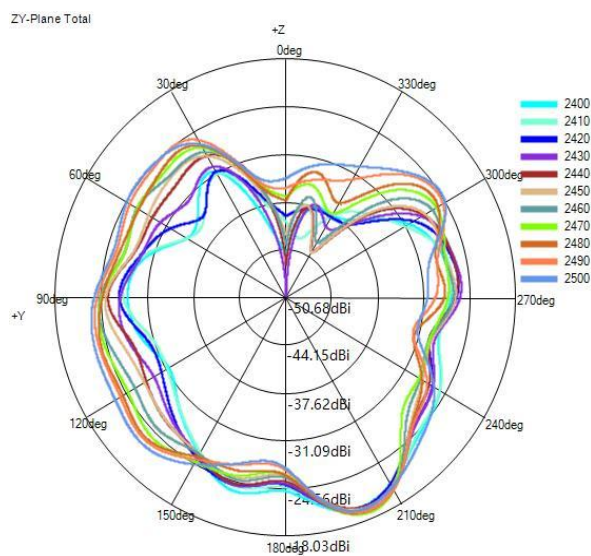
Typical free space radiation pattern

Wi-Fi Antenna 2.4GHz

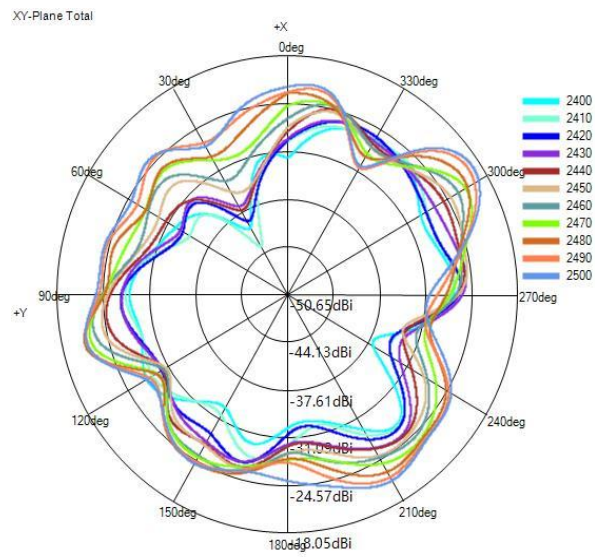
(1) X-Z Plane(unit:dBi):



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



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



(4) Typical Free Space 3D Radiation Pattern at 2500MHz (unit: dBi):

