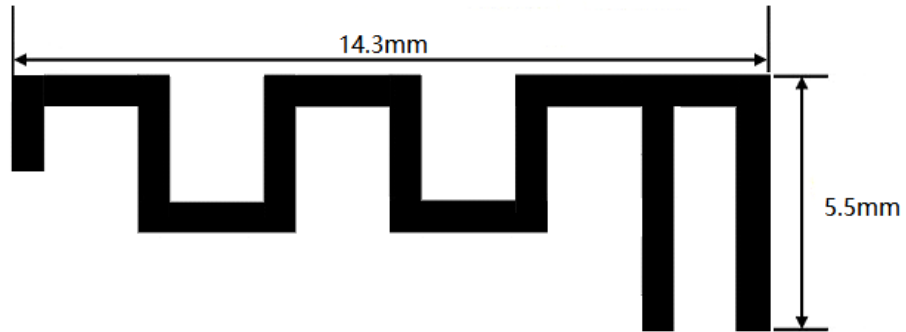


Antenna Specification

Summary

ITEM	ANT SPEC
Model Name	2.4G ANT
MAX. Gain	0.91dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
Antenna Length	14.3mm
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)



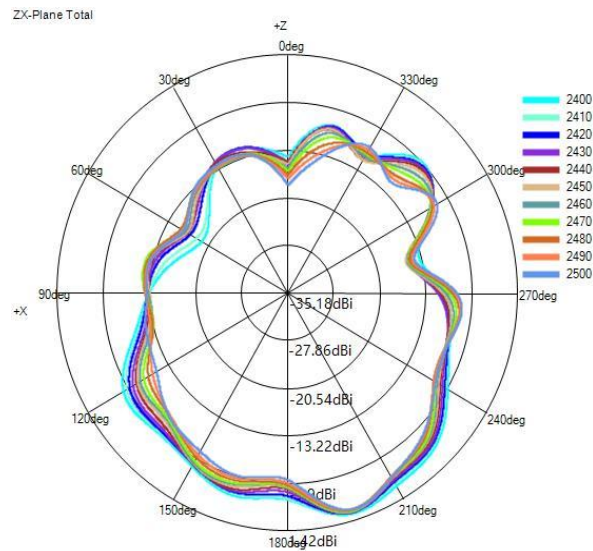
Test data

Typical free space efficiency and gain

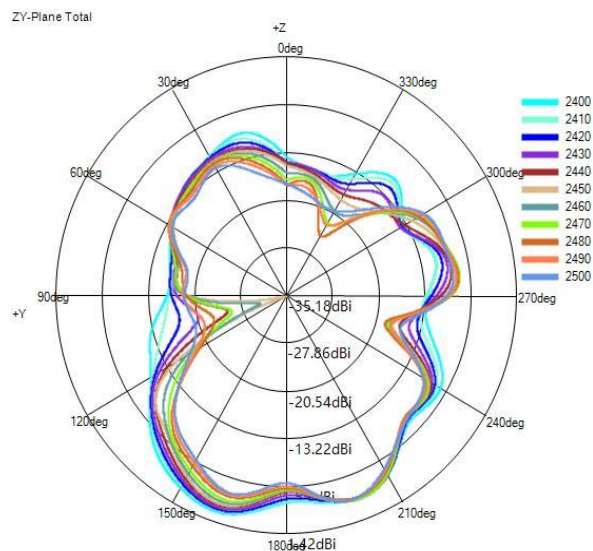
Frequency/MHz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain/dBi	0.91	0.81	0.81	0.73	0.63	0.60	0.67	0.67	0.45	0.46	0.38
Efficiency/%	20.73	19.31	18.51	17.50	16.62	16.13	16.03	15.80	14.89	14.63	14.51

Typical free space radiation pattern

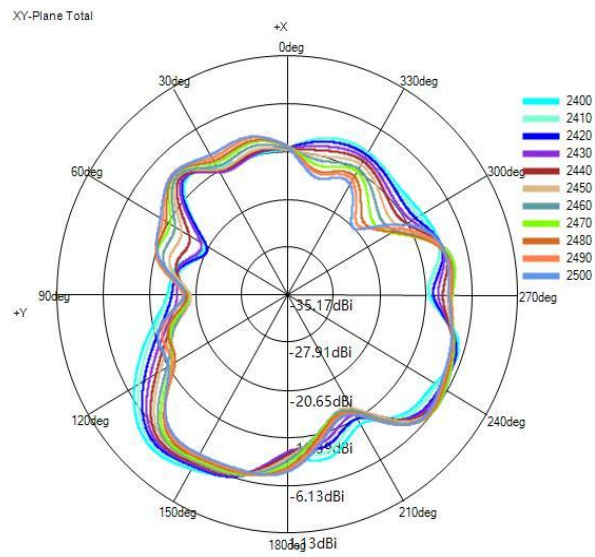
(1) X-Z Plane(unit:dBi):



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



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



(4)Typical Free Space 3D Radiation Pattern at 2400MHz(unit:dBi):

