

1. Antenna Description:

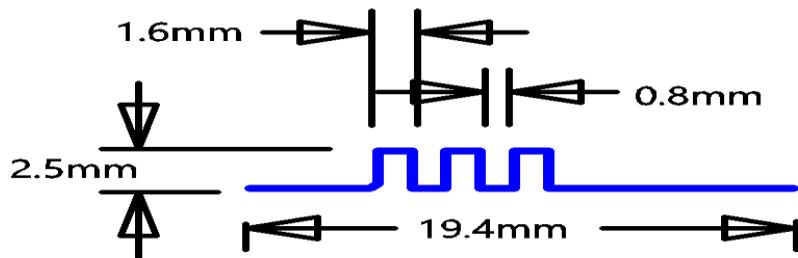
Antenna plate	Monopole Antenna
Antenna peak gain	2.3 dBi
Frequency range	2.402MHz~2.480MHz
Connect type	Direct Connect

Model name : 2.4G ANT

Manufacturer : Shenzhen Xinxin Zhilian Technology Co., Ltd.

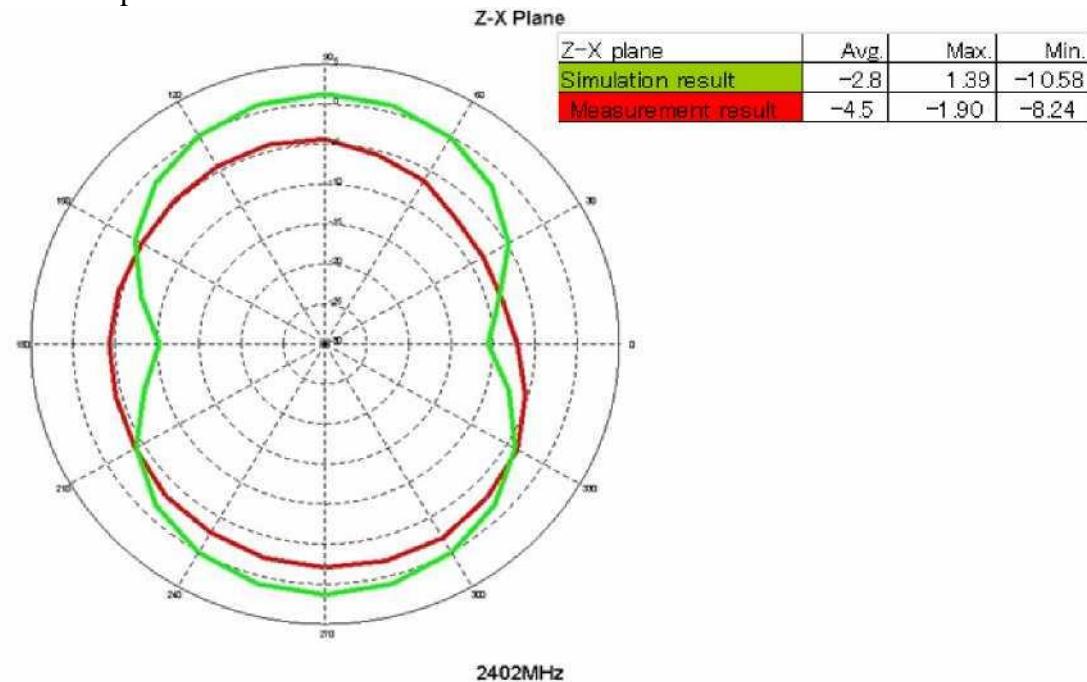
Manufacturer's Address: 3rd Floor, Building 4-2, Tongfu Industrial Zone, Aiqun Road, Shangwu Community, Shiyan Street, Bao'an District, Shenzhen City

2. Picture of antenna



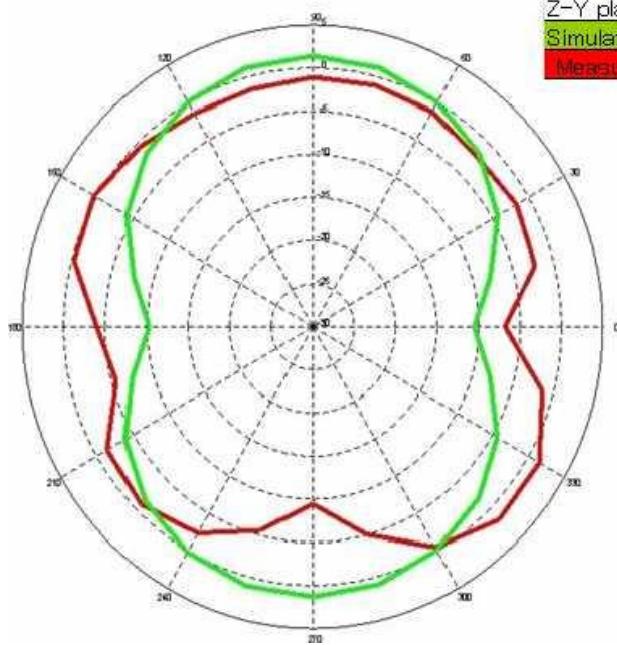
3.

Radiation pattern @2.402GHz



Z-Y Plane

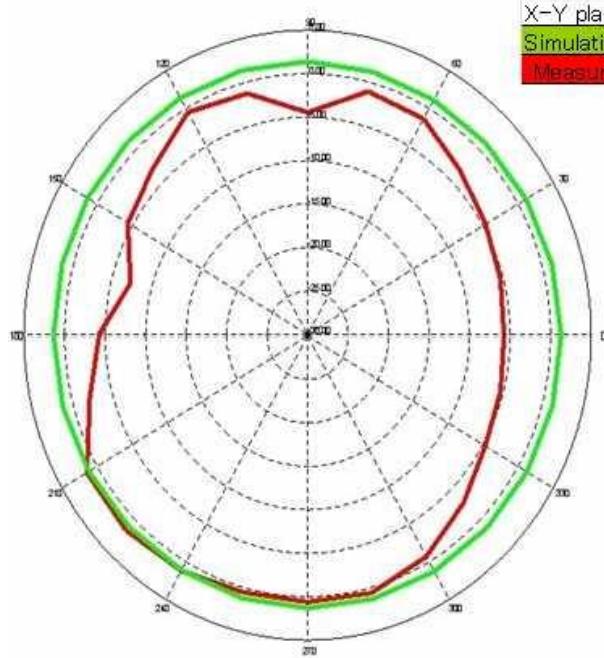
Z-Y plane	Avg.	Max.	Min.
Simulation result	-2.8	1.45	-10.58
Measurement result	-2.1	1.7	-9.42



2402MHz

X-Y Plane

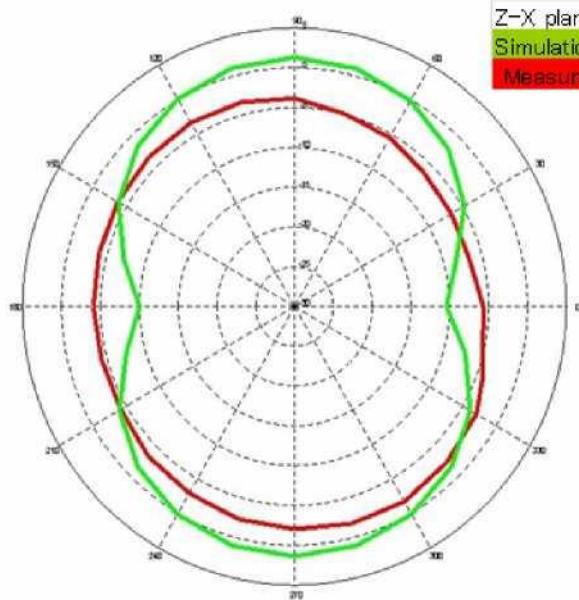
X-Y plane	Avg.	Max.	Min.
Simulation result	1.3	1.5	1.15
Measurement result	-2.3	1.7	-7.34



2402MHz

Radiation pattern @2.441GHz

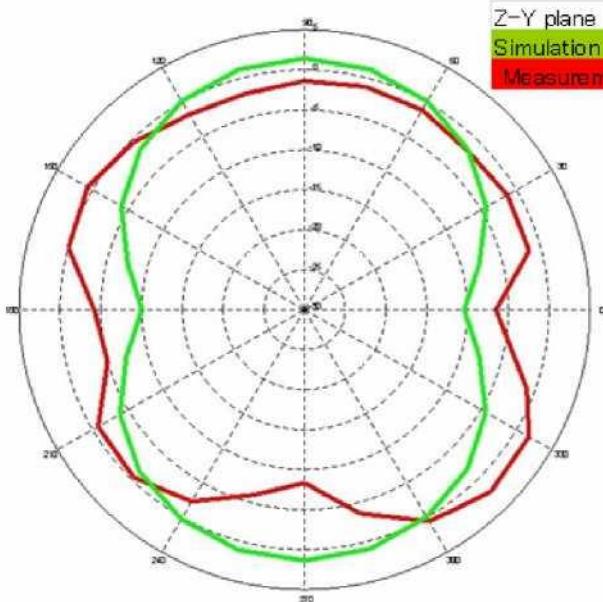
Z-X Plane



Z-X plane	Avg.	Max.	Min.
Simulation result	-2.7	1.44	-10.39
Measurement result	-3.9	-1.65	-6.68

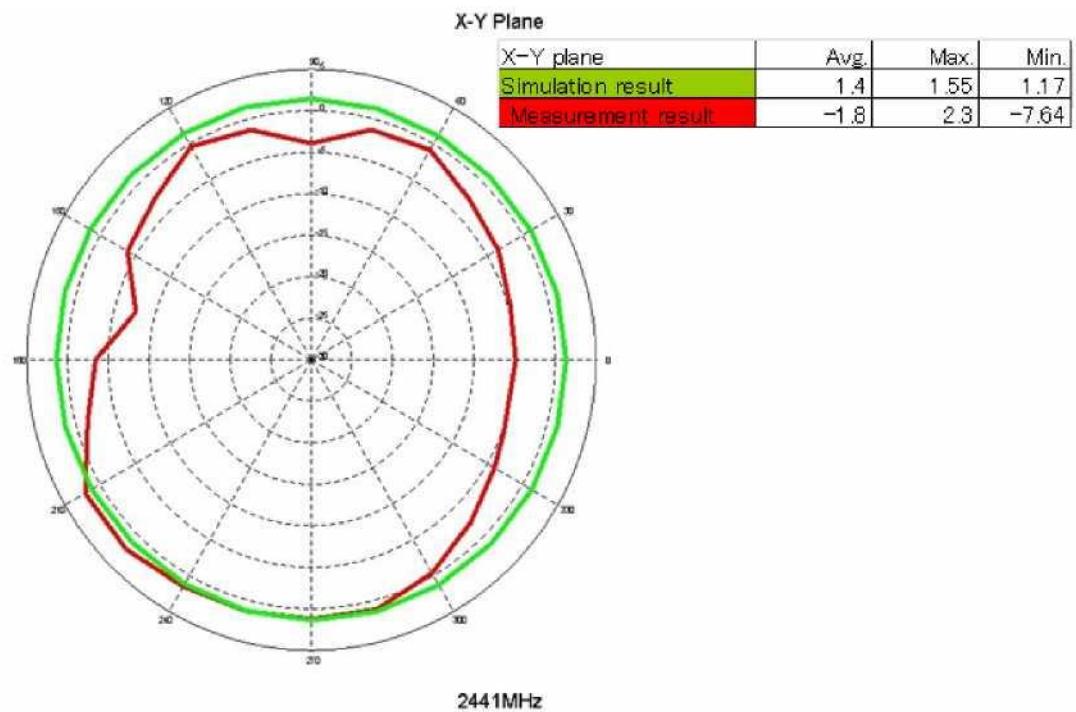
2441MHz

Z-Y Plane

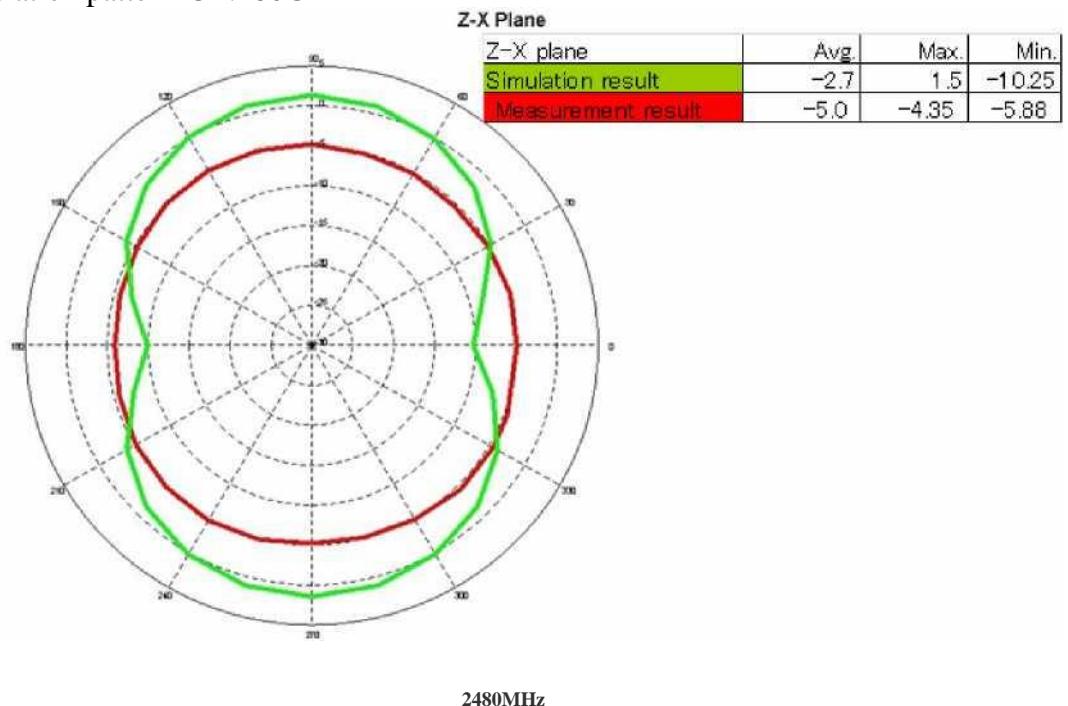


Z-Y plane	Avg.	Max.	Min.
Simulation result	-1.7	1.5	-10.39
Measurement result	-1.8	2.3	-8.31

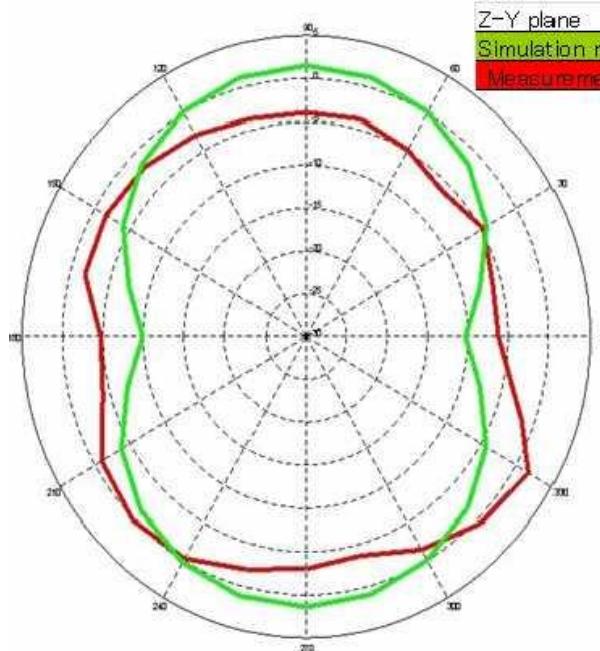
2441MHz



Radiation pattern @2.480GHz

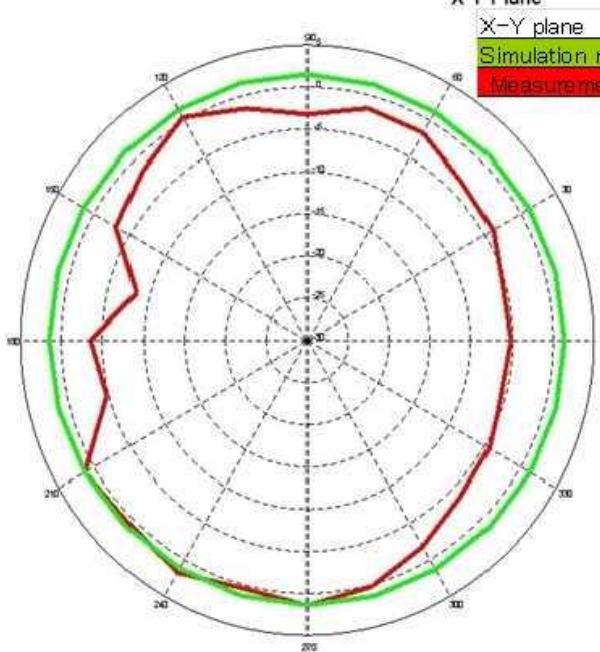


Z-Y Plane



2480MHz

X-Y Plane



2480MHz

Z-Y plane	Avg.	Max.	Min.
Simulation result	-2.7	1.55	-10.25
Measurement result	-2.8	1.82	-6.16

X-Y plane	Avg.	Max.	Min.
Simulation result	1.4	1.61	1.22
Measurement result	-2.3	1.82	-8.38