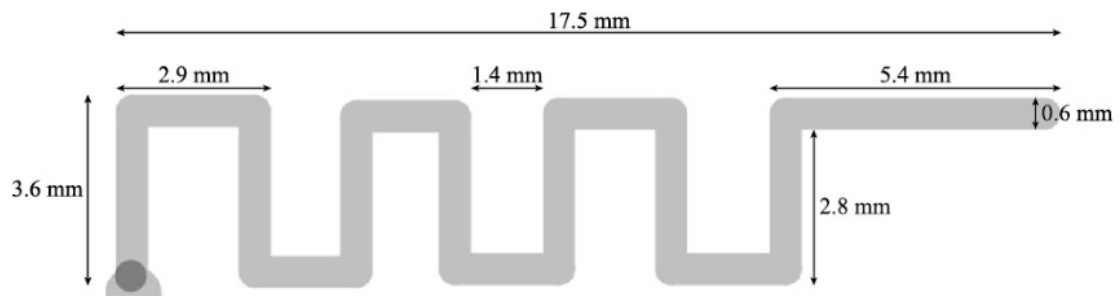


Antenna Specification

Product Name	PCB Antenna
Manufacturer	ZhongShan City Li Tai Electronic Industrial Co., Ltd.
Frequency	e.g.2402~2480MHz
Antenna Type	PCB Antenna
Antenna peak gain	2.3dBi
V.S.W.R	e.g. ≤ 2.0
Impedance	e.g. 50 Ohm
Operating Temp. Range	0 °C ~ 85 °C
Size	17.5mm X 3.6mm X 0.6mm
Can the antennas be transmitted simultaneously?	N0

Outside view drawing for Antenna:



Manufacturer:

Address of Manufacturer:

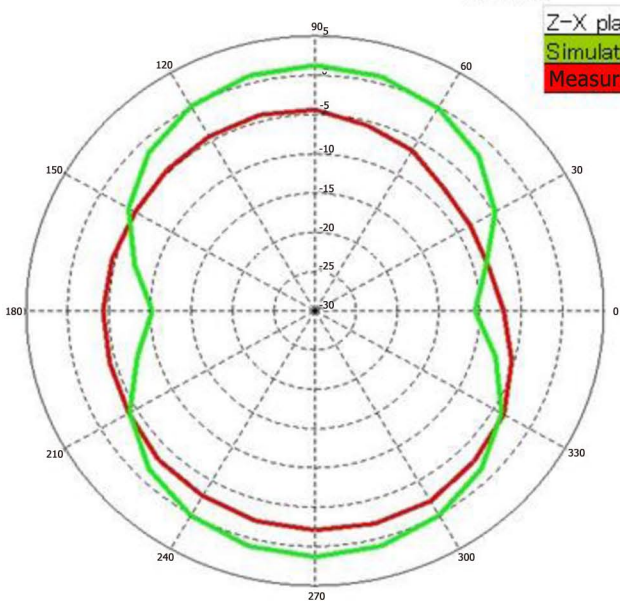
Shenzhen hanke Technology Co., Ltd

Meipeng SKY311, Zhongxing Road, Longgang District, Shenzhen, China 518116

Radiation Pattern

Radiation pattern @2.402GHz

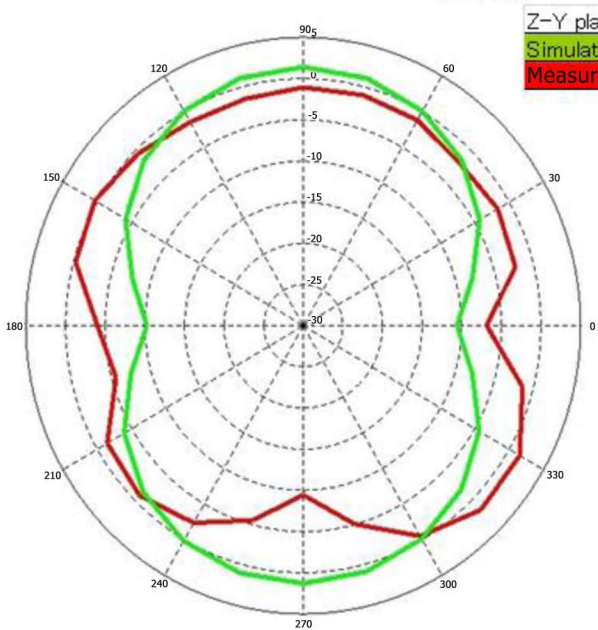
Z-X Plane



Z-X plane	Avg.	Max.	Min.
Simulation result	-2.8	1.39	-10.58
Measurement result	-4.5	-1.90	-8.24

2402MHz

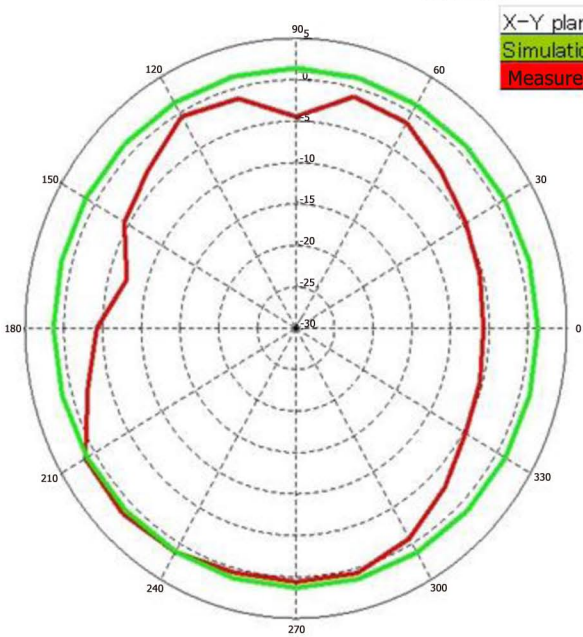
Z-Y Plane



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

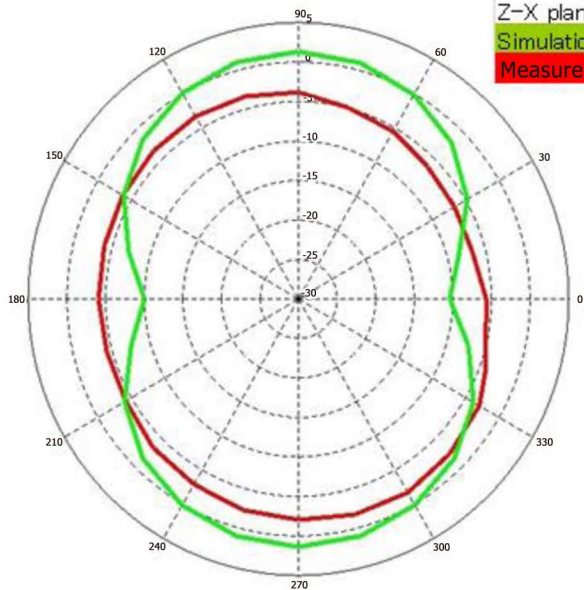


X-Y plane	Avg.	Max.	Min.
Simulation result	1.3	1.5	1.15
Measurement result	-2.3	1.7	-7.34

2402MHz

Radiation pattern @2.441GHz

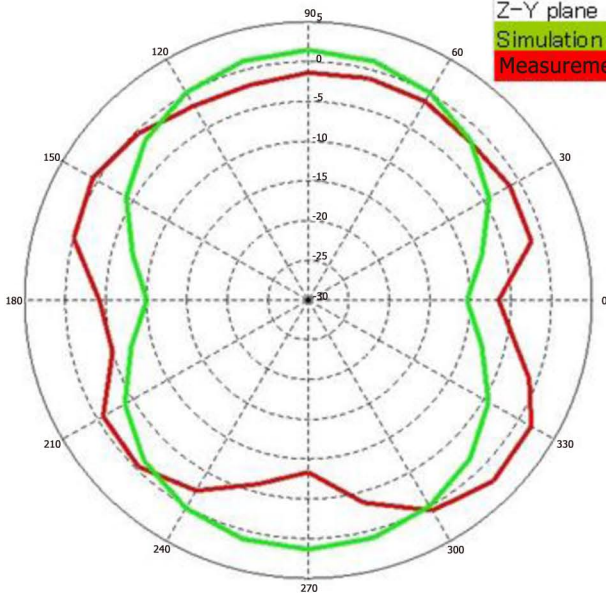
Z-X Plane



2441MHz

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

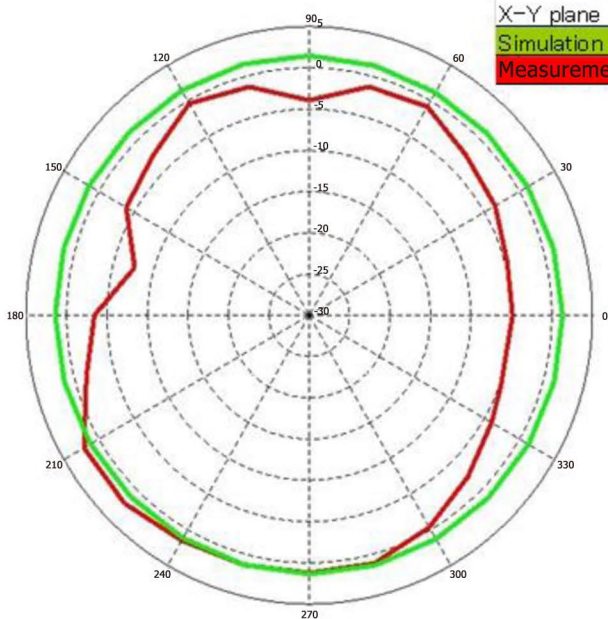
Z-Y Plane



2441MHz

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

X-Y Plane

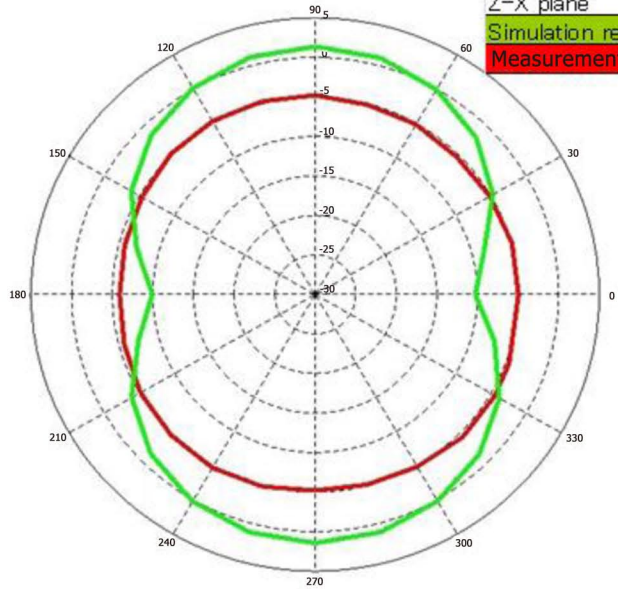


2441MHz

X-Y plane	Avg.	Max.	Min.
Simulation result	1.4	1.55	1.17
Measurement result	-1.8	2.3	-7.64

Radiation pattern @2.480GHz

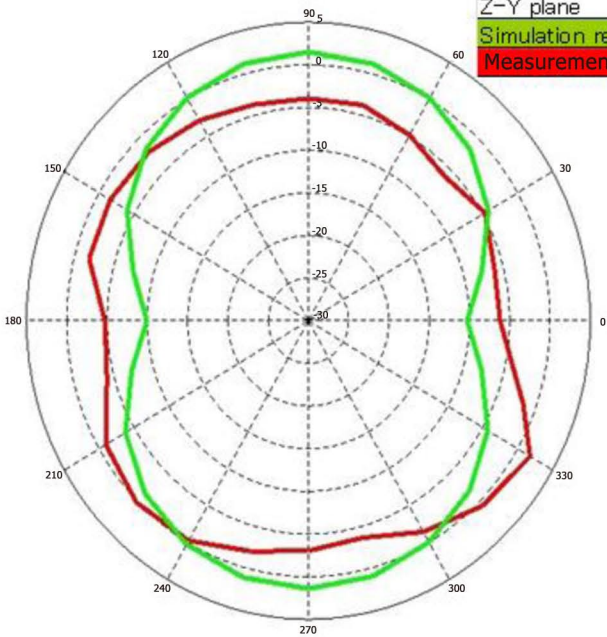
Z-X Plane



2480MHz

Z-X plane	Avg.	Max.	Min.
Simulation result	-2.7	1.5	-10.25
Measurement result	-5.0	-4.35	-5.88

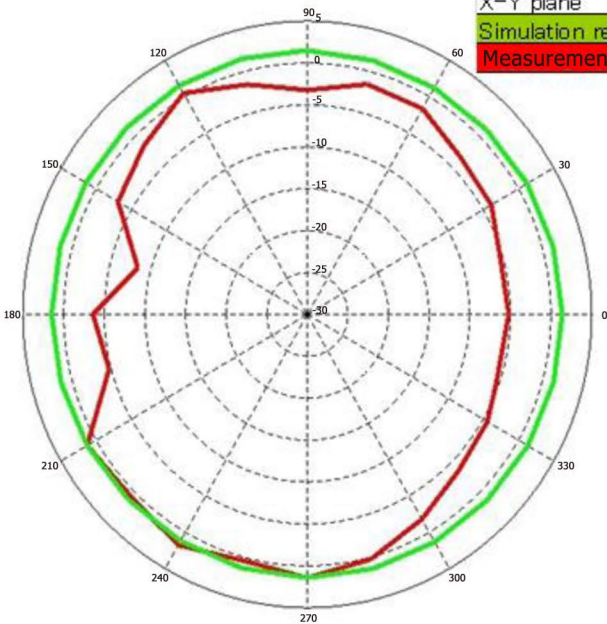
Z-Y Plane



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



2480MHz

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