

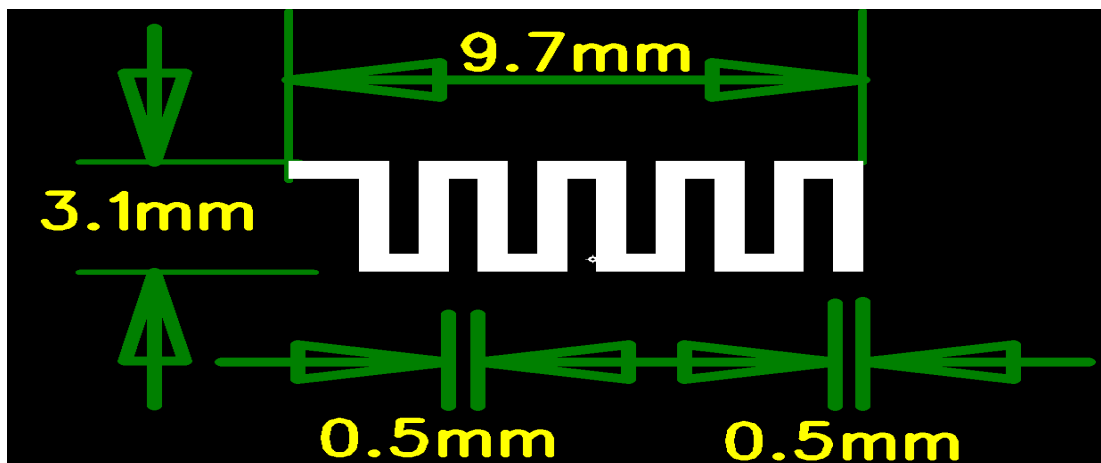
Applicant : Shenzhen Xi nfei yi Technology Co. , Ltd

Model : Y16 Address : One of B, Floor 3, Building A2, Zone A, Anle Industrial Zone, Hangcheng Avenue, Xi xi ang Street, Bao' an Di strict, Shenzhen Ci ty, Guangdong Provi nce, Chi na

1. Antenna Description:

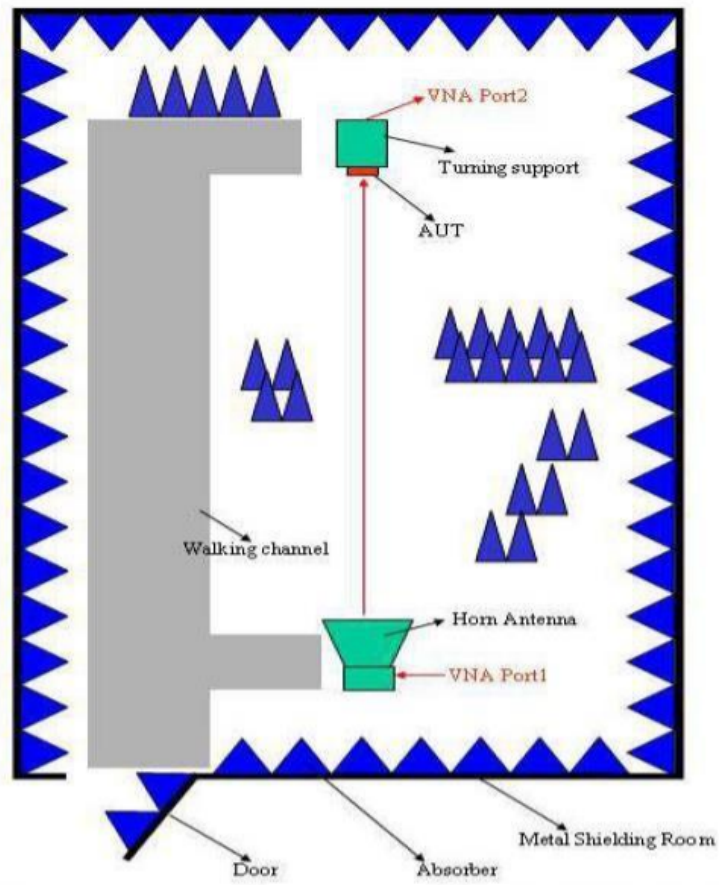
Antenna plate	Monopole Antenna
Antenna peak gain	2.3 dBi
Frequency range	2.402MHz~2.480MHz
Connect type	Direct Connect

2. Picture of antenna



3. Testset up

The Environment of Antenna Radiation Pattern

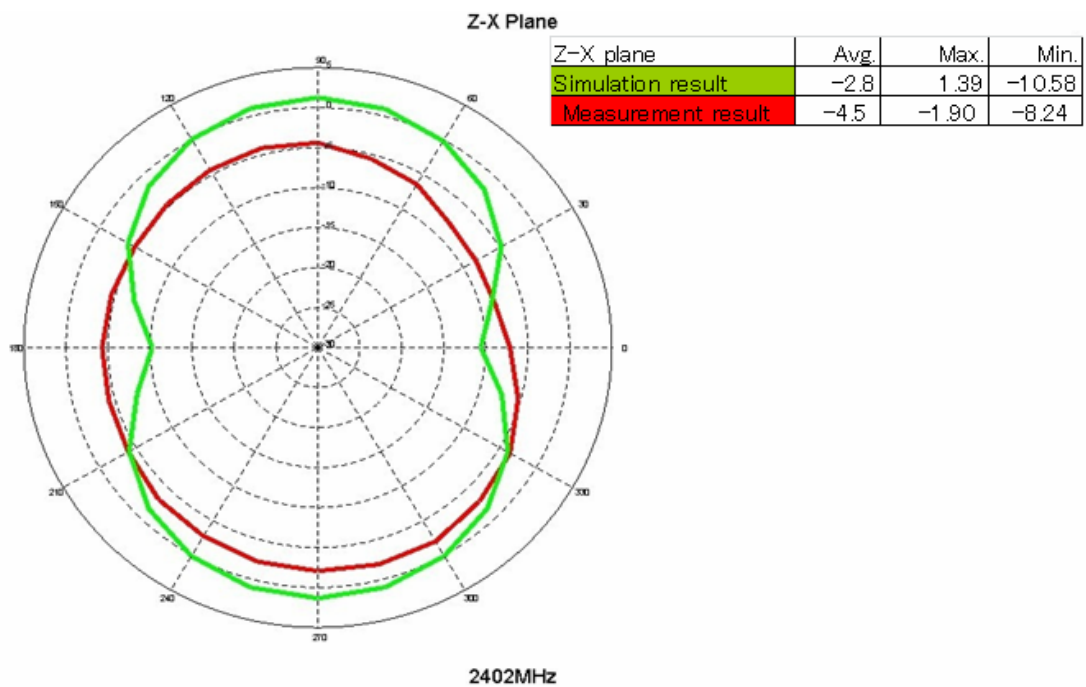


4. Return Loss

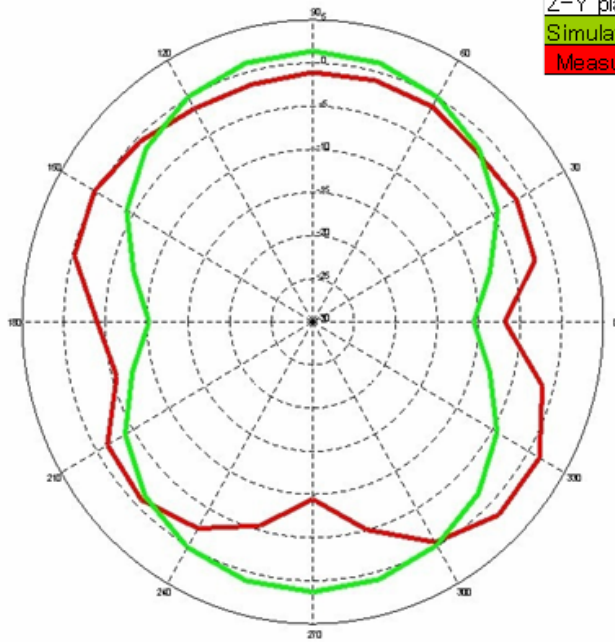


5 . Antenna Radiation Pattern

Radiation pattern @2.402GHz



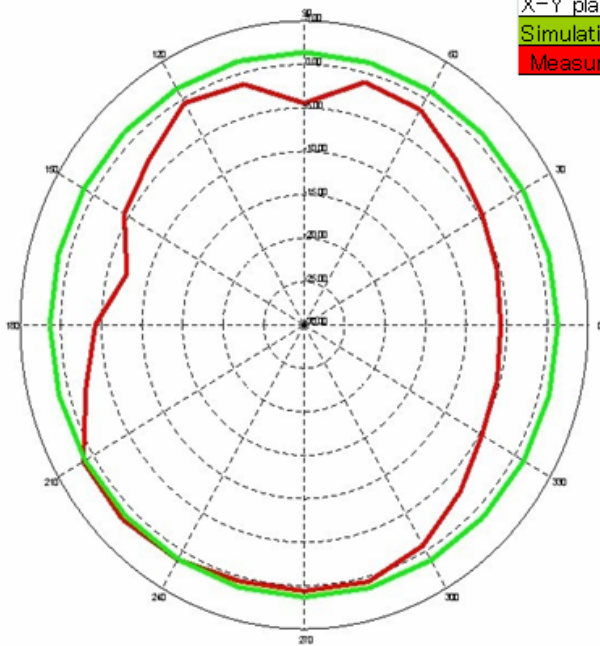
Z-Y Plane



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

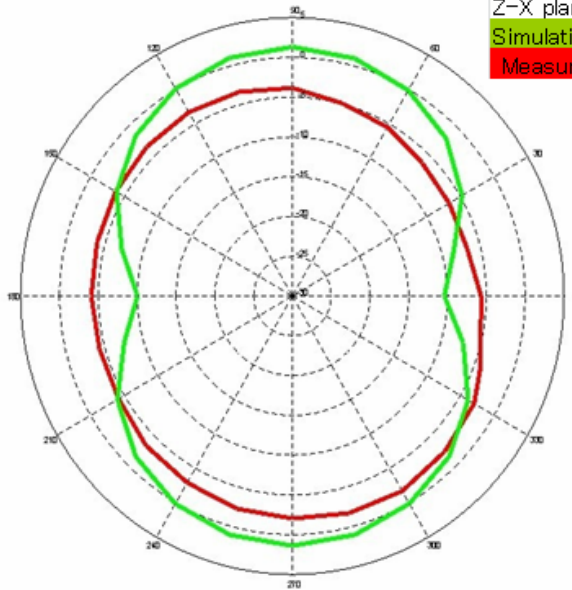


X-Y plane	Avg.	Max.	Min.
Simulation result	1.3	1.5	1.15
Measurement result	-2.3	1.7	-7.34

2402MHz

Radiation pattern @2.441GHz

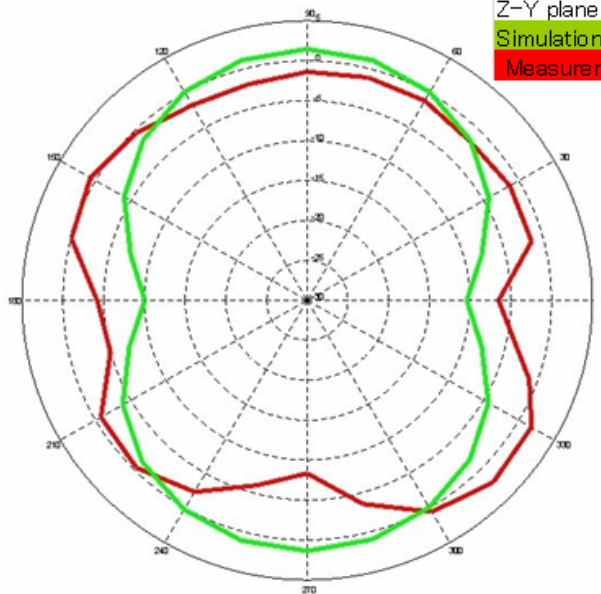
Z-X Plane



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

2441MHz

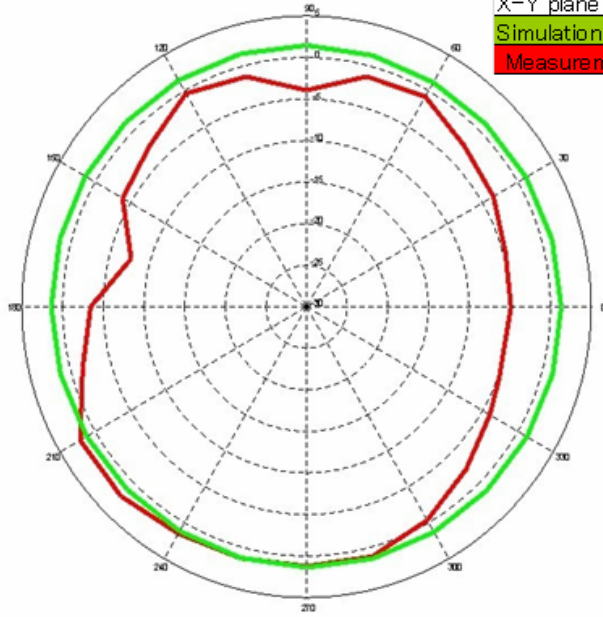
Z-Y Plane



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

2441MHz

X-Y Plane

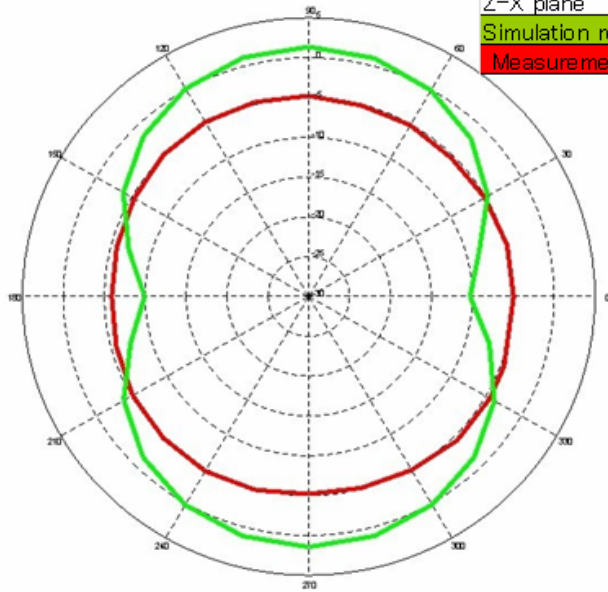


X-Y plane	Avg.	Max.	Min.
Simulation result	1.4	1.55	1.17
Measurement result	-1.8	2.3	-7.64

2441MHz

Radiation pattern @2.480GHz

Z-X Plane

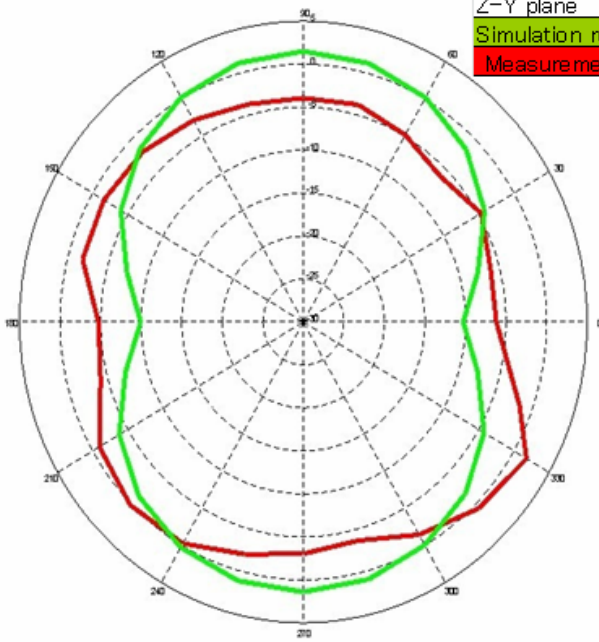


Z-X plane	Avg.	Max.	Min.
Simulation result	-2.7	1.5	-10.25
Measurement result	-5.0	-4.35	-5.88

2480MHz

Z-Y Plane

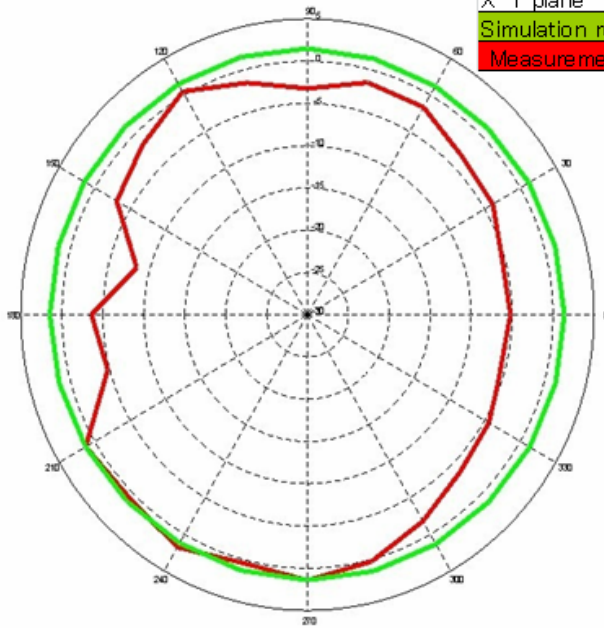
Z-Y plane	Avg.	Max.	Min.
Simulation result	-2.7	1.55	-10.25
Measurement result	-2.8	1.82	-6.16



2480MHz

X-Y Plane

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



2480MHz