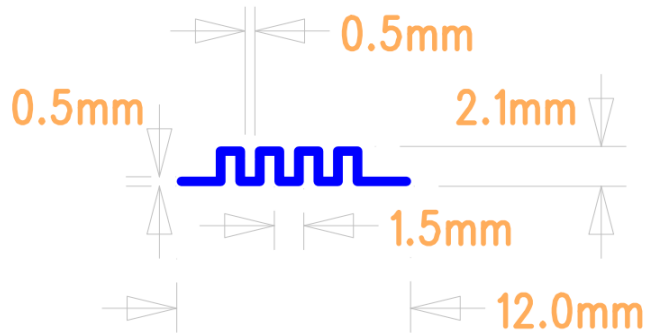


1. Antenna Description:

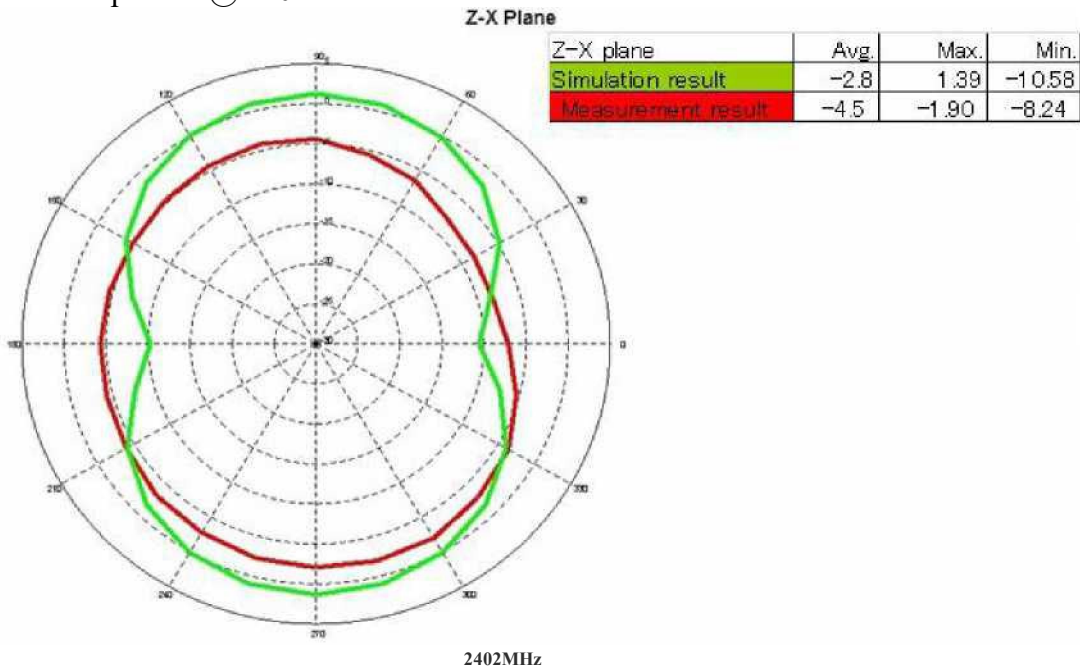
Antenna plate	PCB Antenna
Antenna peak gain	2.3 dBi
Frequency range	2.402MHz~2.480MHz
Connect type	Direct Connect

2. Picture of antenna



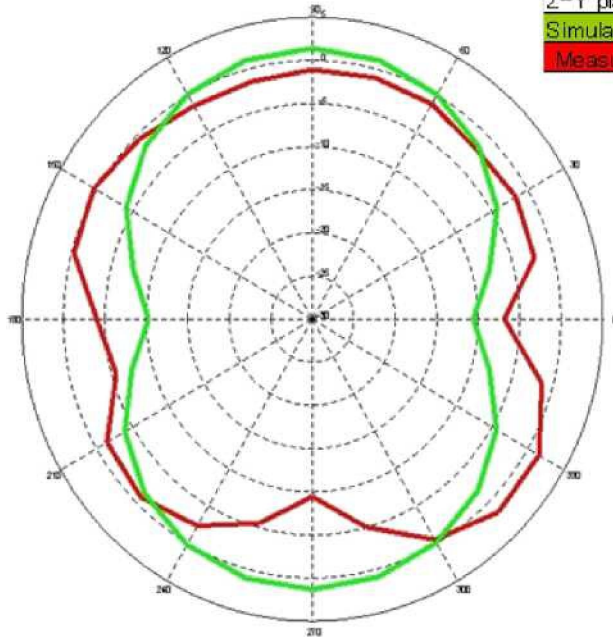
3. Antenna Radiation Pattern

Radiation pattern @2.402GHz



Z-Y Plane

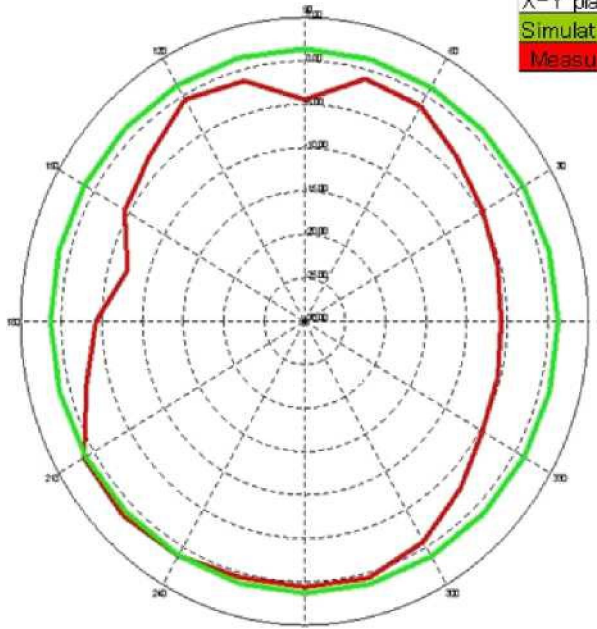
Z-Y plane	Avg	Max	Min
Simulation result	-2.8	1.45	-10.58
Measurement result	-2.1	1.7	-9.42



2402MHz

X-Y Plane

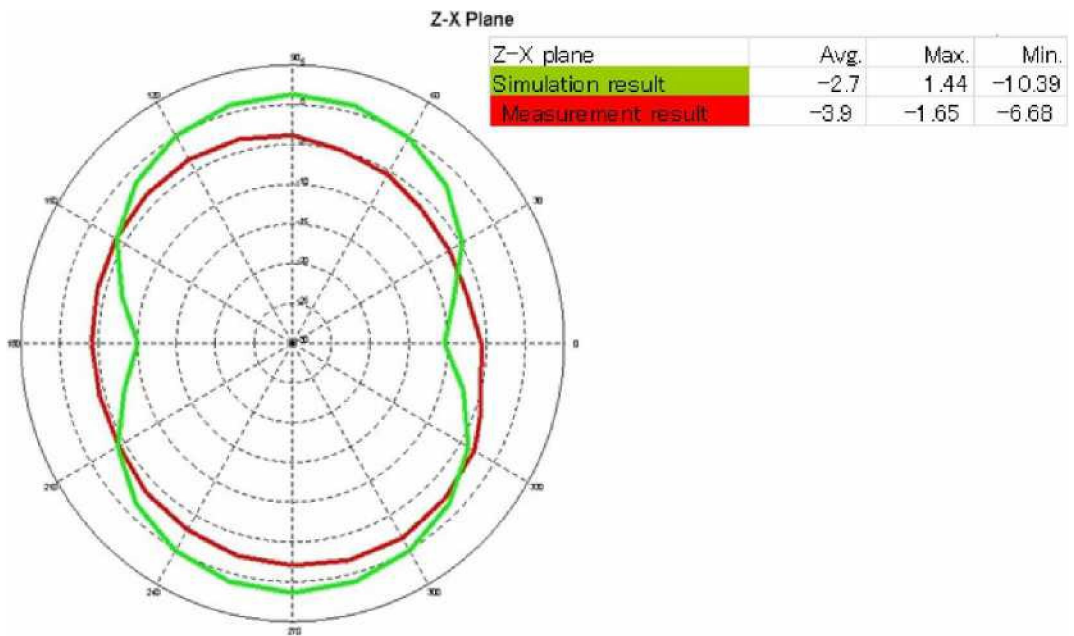
X-Y plane	Avg	Max	Min
Simulation result	1.3	1.5	1.15
Measurement result	-2.3	1.7	-7.34



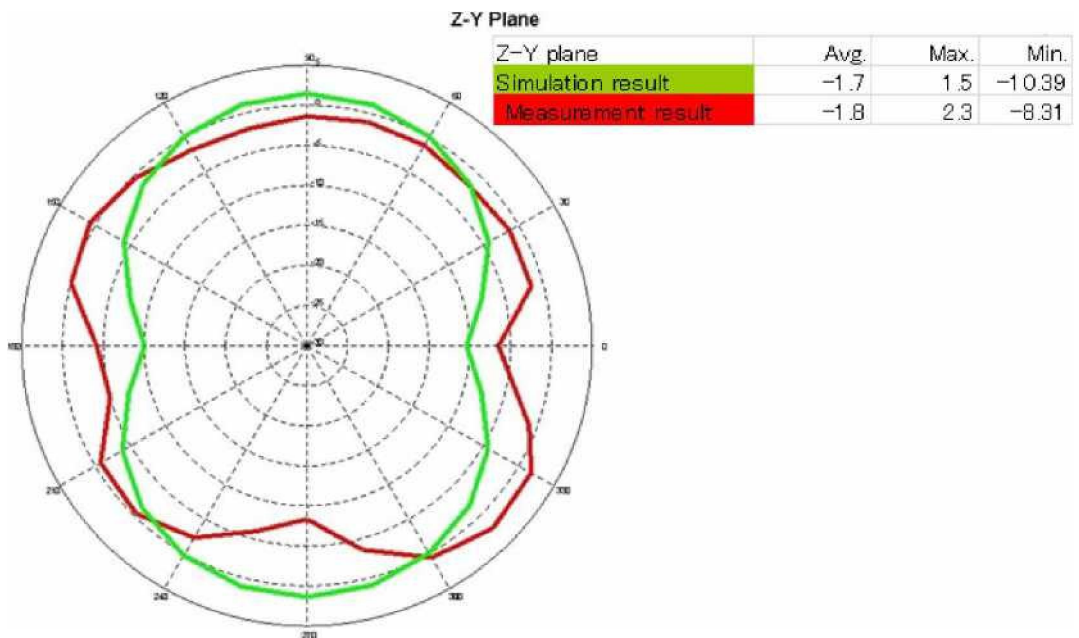
2402MHz

arg

Radiation pattern @2.441GHz

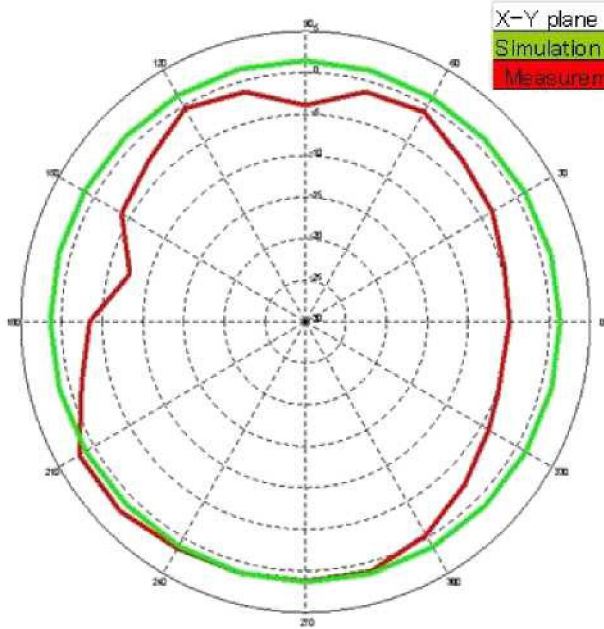


2441MHz



2441MHz

X-Y Plane

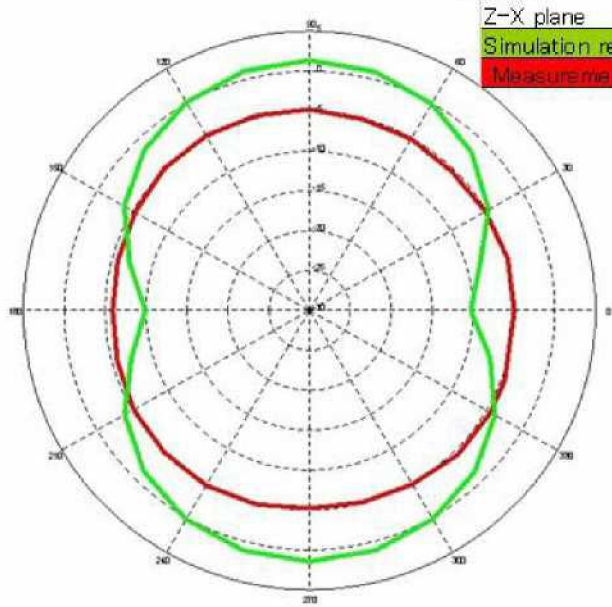


X-Y plane	Avg.	Max.	Min.
Simulation result	1.4	1.55	1.17
Measurement result	-1.8	2.3	-7.64

2441MHz

Radiation pattern @2.480GHz

Z-X Plane

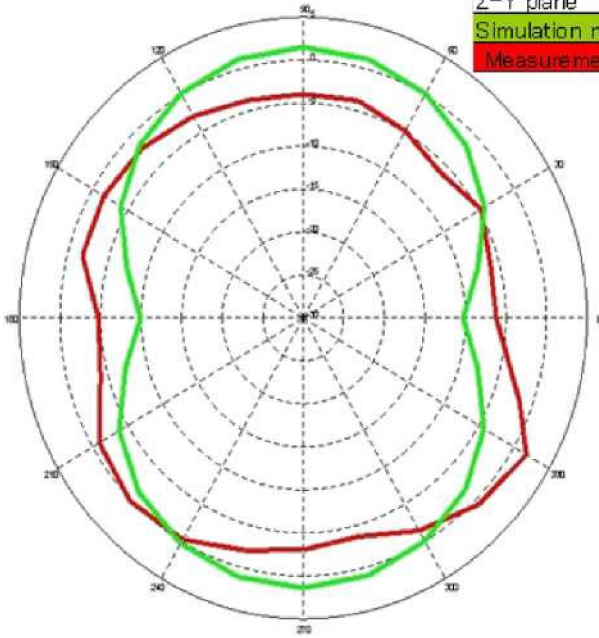


Z-X plane	Avg.	Max.	Min.
Simulation result	-2.7	1.5	-10.25
Measurement result	-5.0	-4.35	-5.88

2480MHz

Z-Y Plane

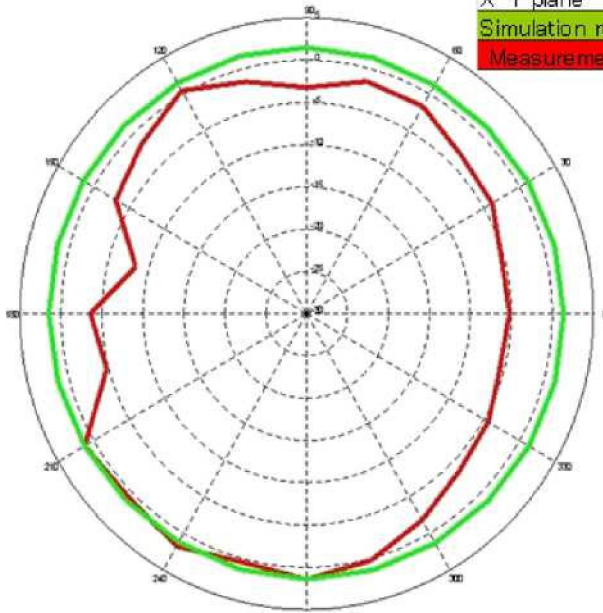
Z-Y plane	Avg.	Max.	Min.
Simulation result	-2.7	1.55	-10.25
Measurement result	-2.8	1.82	-6.16



2480 MHz

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

Shenzhen Xin Xin Zhi Lian Science and Technology Co. , Ltd.

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