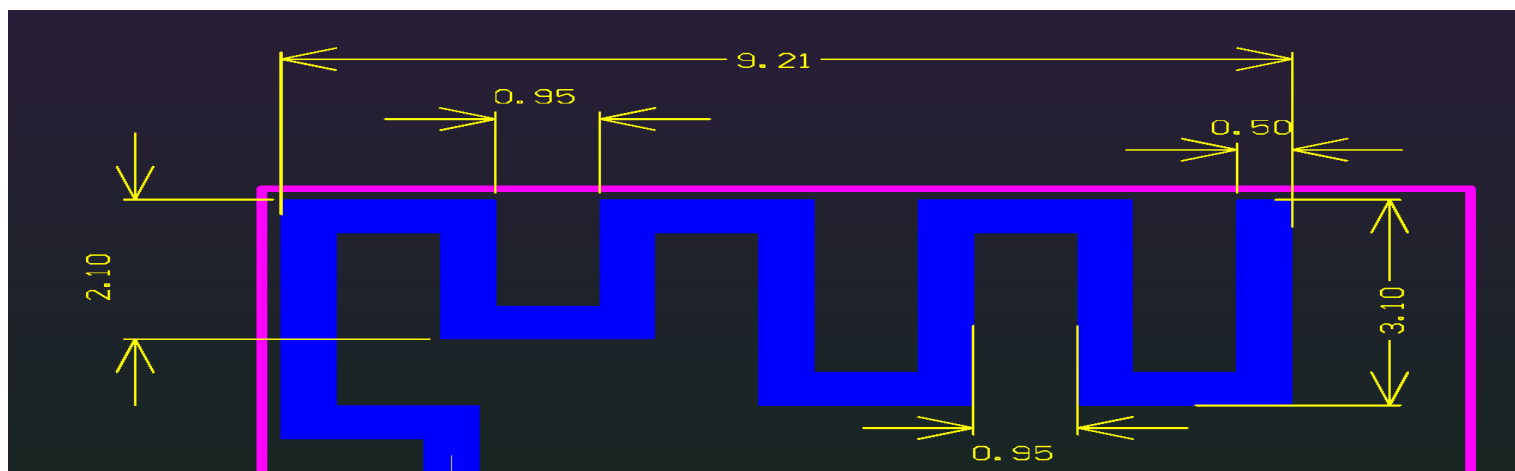


## Antenna Specification

### 1. Antenna Description:

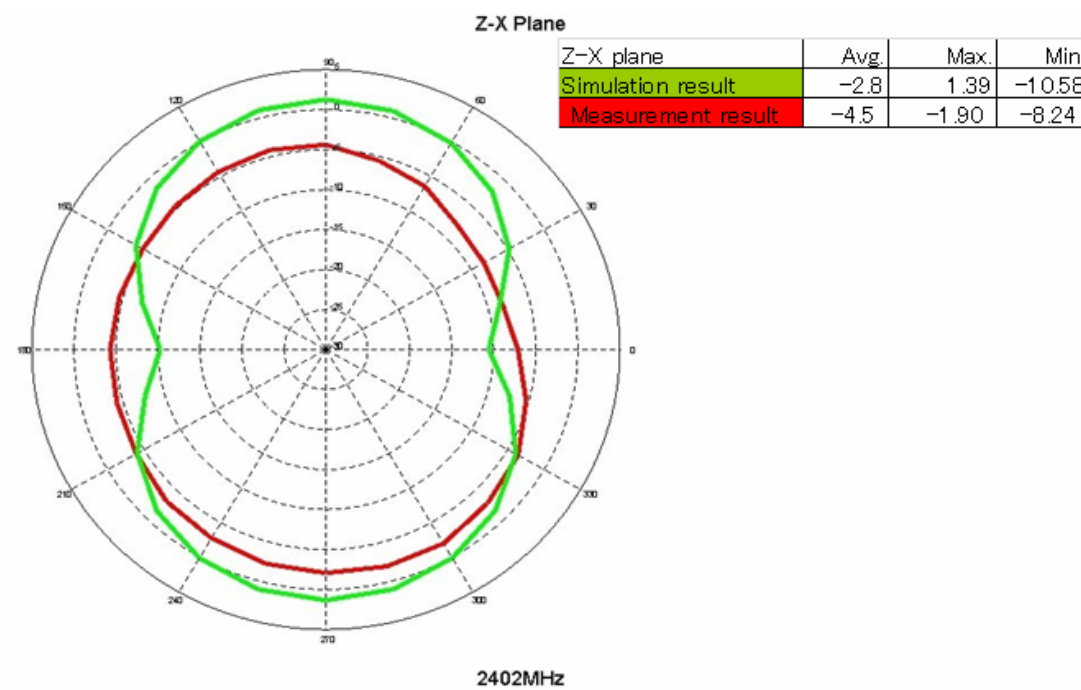
Antenna type	PCB Antenna
Antenna peak gain	2.3 dBi
Frequency range	2.402GHz~2.480GHz
Dimension	3.10mm*9.21mm

### 2. Picture of antenna



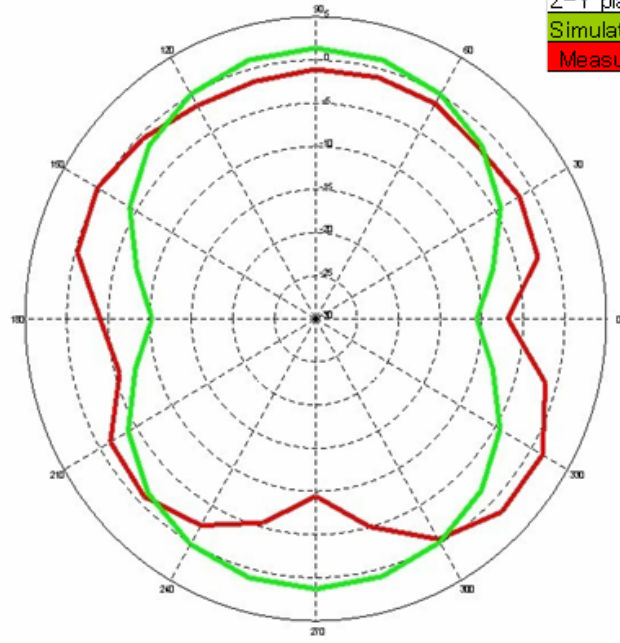
### 3. Antenna Radiation Pattern

Radiation pattern @2.402GHz



Z-Y Plane

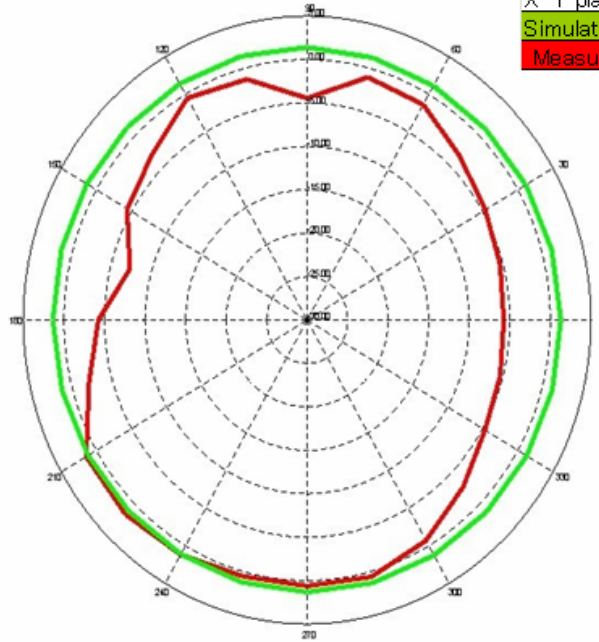
Z-Y plane	Avg.	Max.	Min.
Simulation result	-2.8	1.45	-10.58
Measurement result	-2.1	1.7	-9.42



2402MHz

X-Y Plane

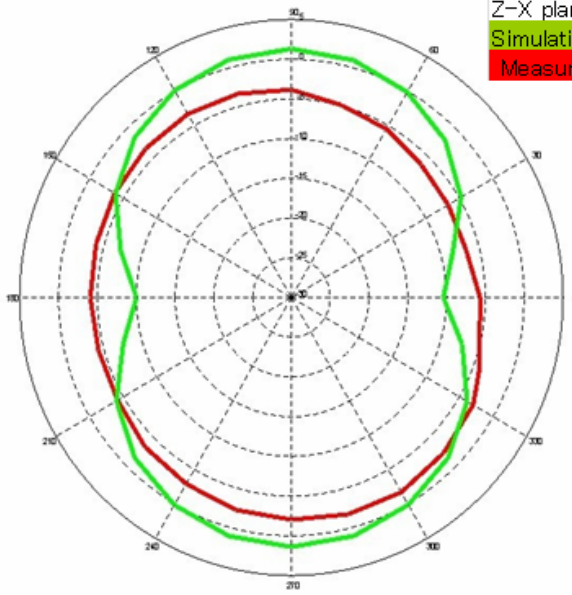
X-Y plane	Avg.	Max.	Min.
Simulation result	1.3	1.5	1.15
Measurement result	-2.3	1.7	-7.34



2402MHz

Radiation pattern @2.441GHz

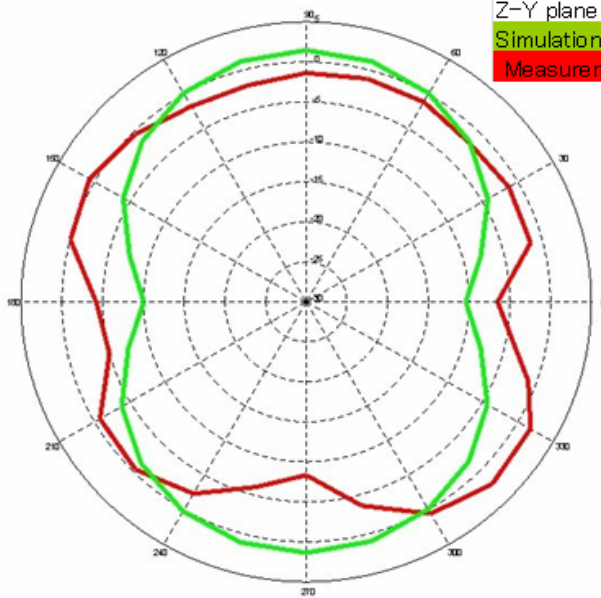
Z-X Plane



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

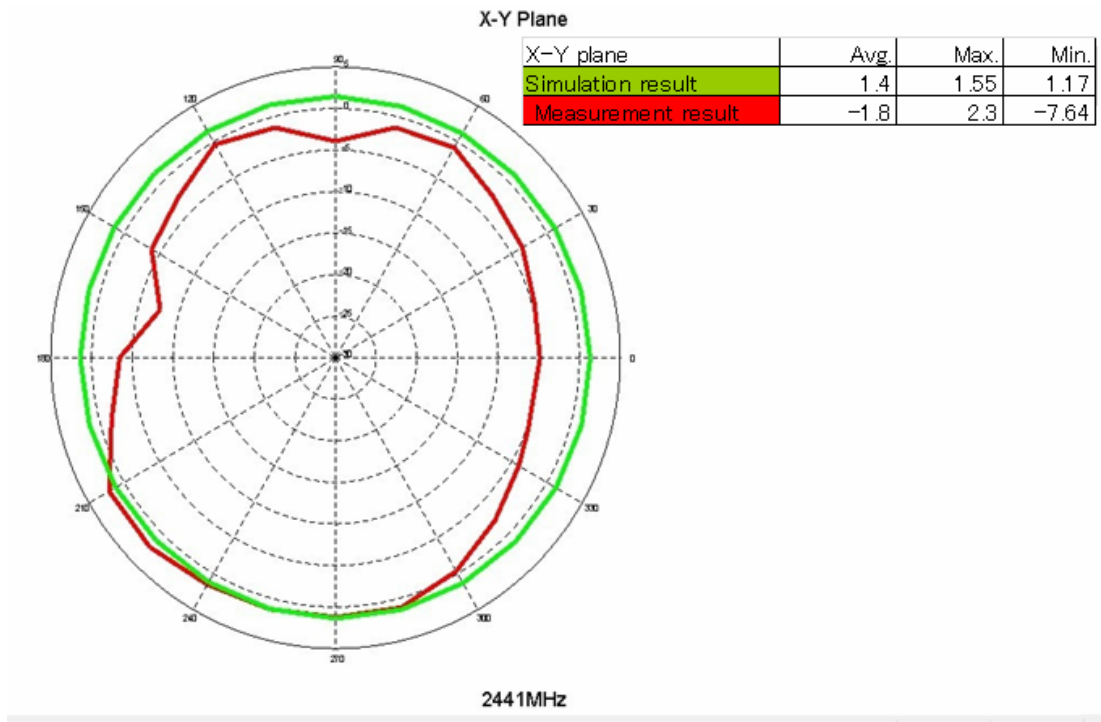
2441MHz

Z-Y Plane

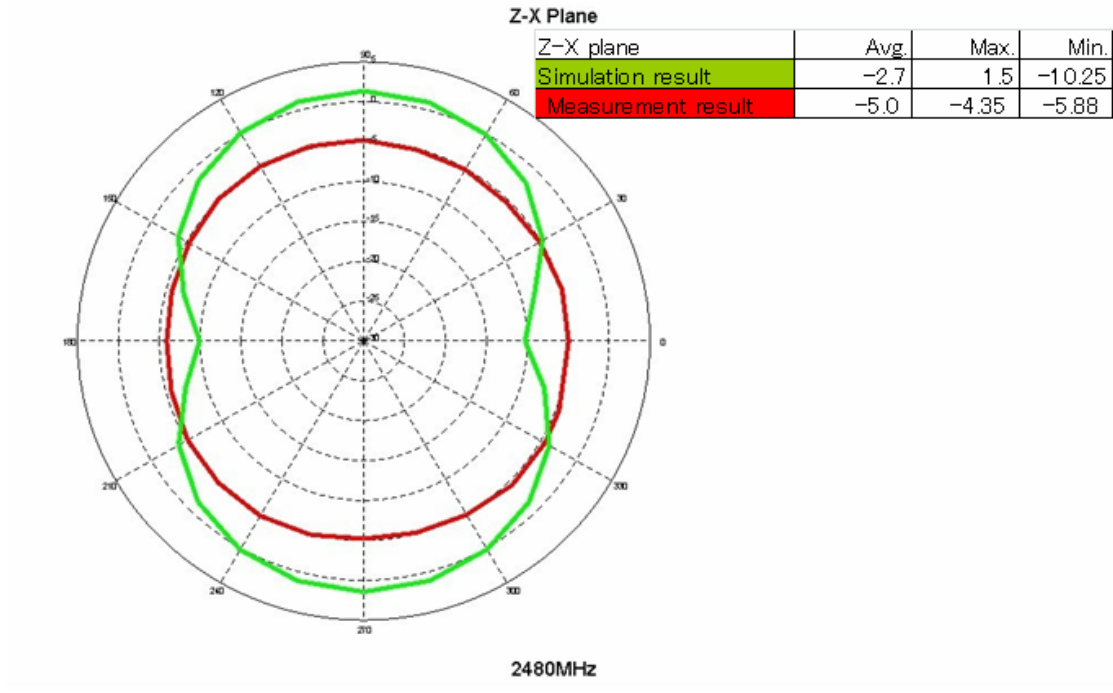


Z-Y plane	Avg.	Max.	Min.
Simulation result	-1.7	1.5	-10.39
Measurement result	-1.8	2.3	-8.31

2441MHz

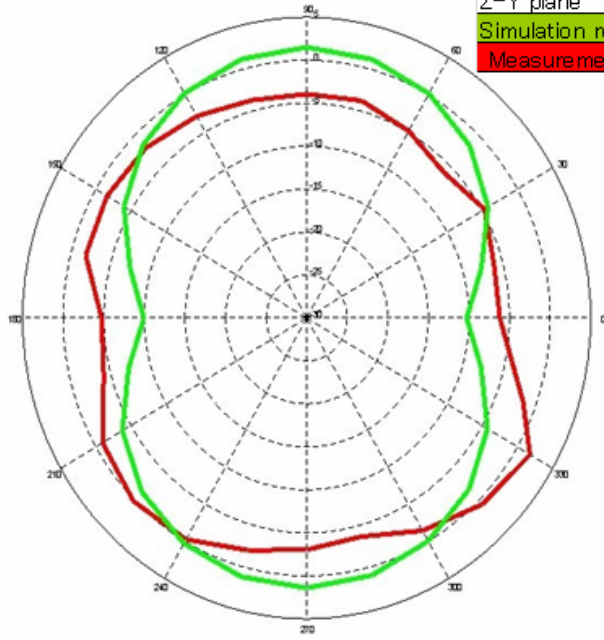


Radiation pattern @2.480GHz



Z-Y Plane

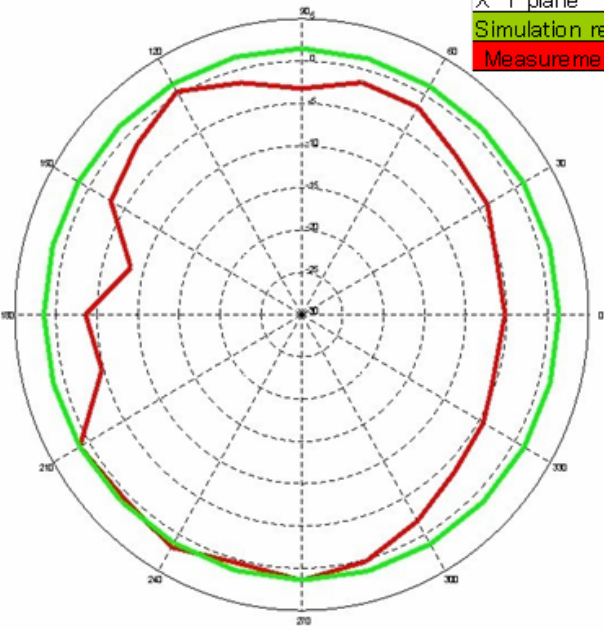
Z-Y plane	Avg.	Max.	Min.
Simulation result	-2.7	1.55	-10.25
Measurement result	-2.8	1.82	-6.16



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