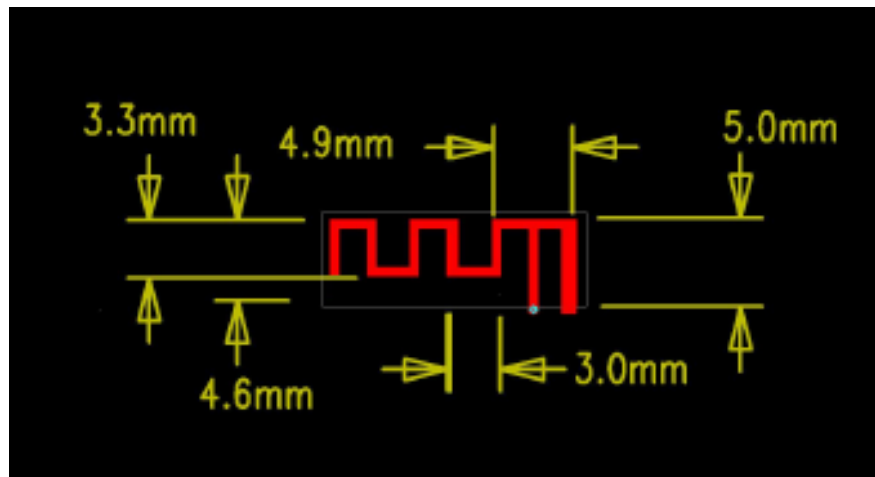


# Antenna Specification

## 1. Antenna Description:

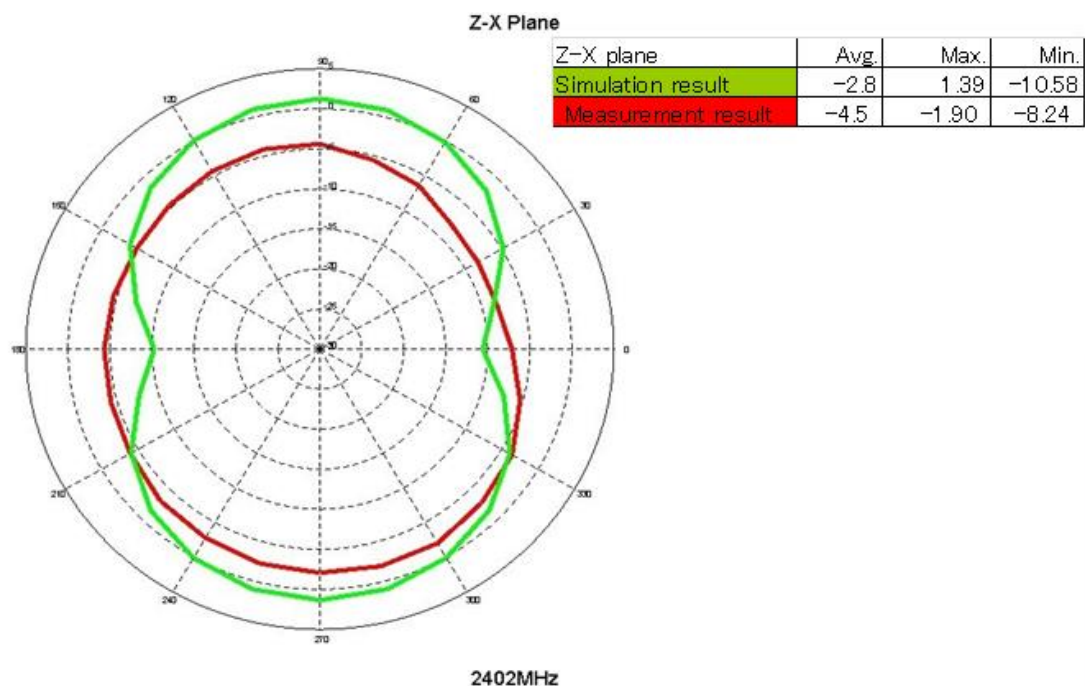
|                   |                         |
|-------------------|-------------------------|
| Antenna plate     | PCB Antenna             |
| Antenna peak gain | 2.3 dBi                 |
| Frequency range   | 2400MHz~2500MHz         |
| Model/Part No.    | PCB_DCPI_08             |
| Manufacturer      | ZHUHAI JIELI TECHNOLOGY |
| Test date         | 2022-11-26              |

## 2. Picture of antenna

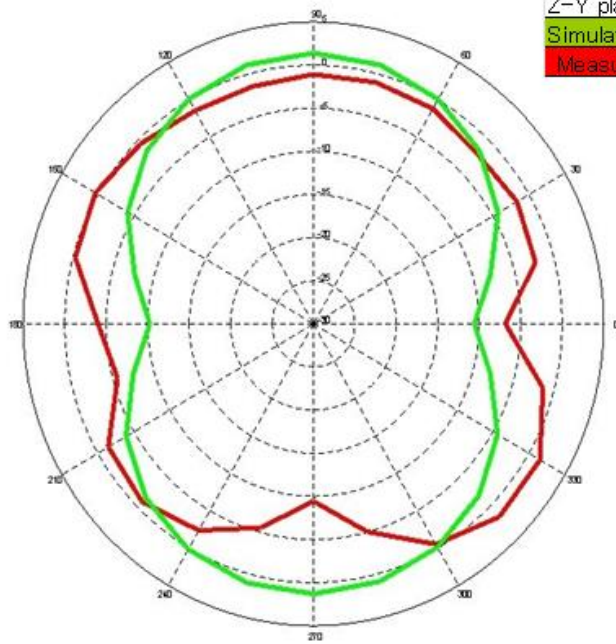


## 3. Antenna Radiation Pattern

Radiation pattern @2.402GHz



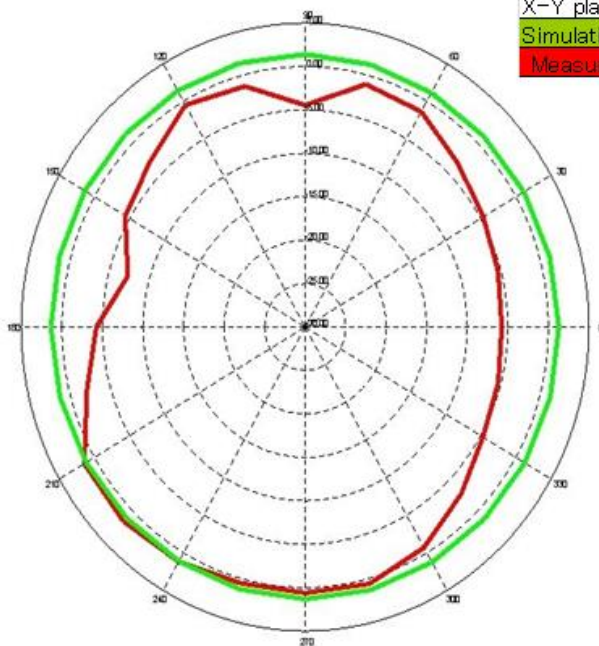
Z-Y Plane



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

2402MHz

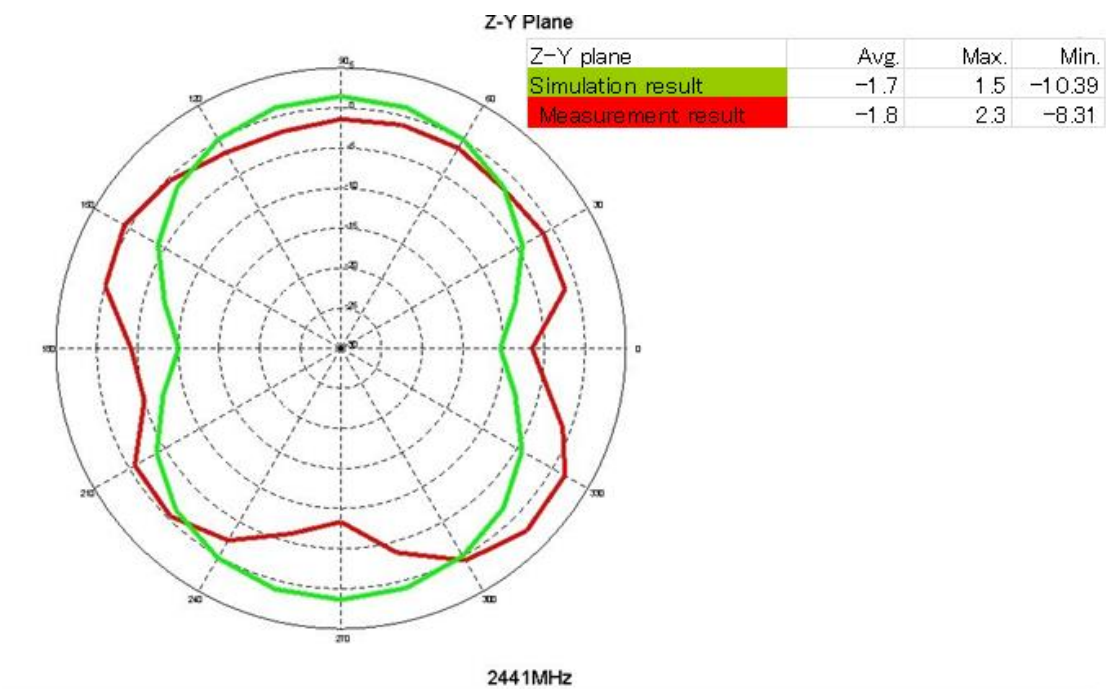
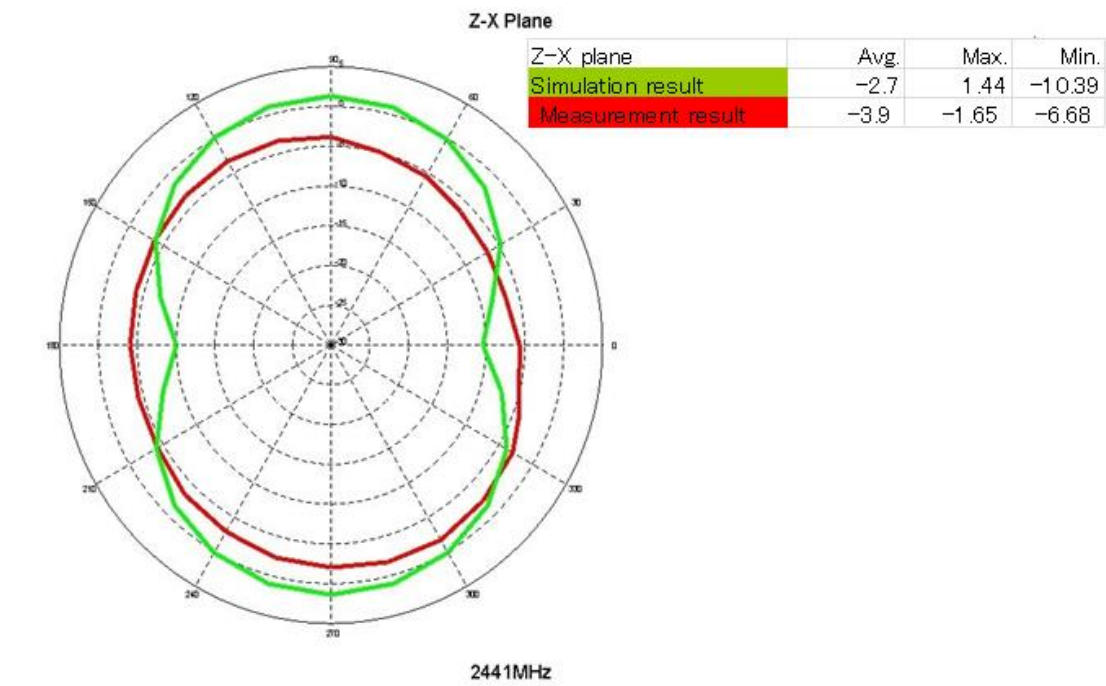
X-Y Plane

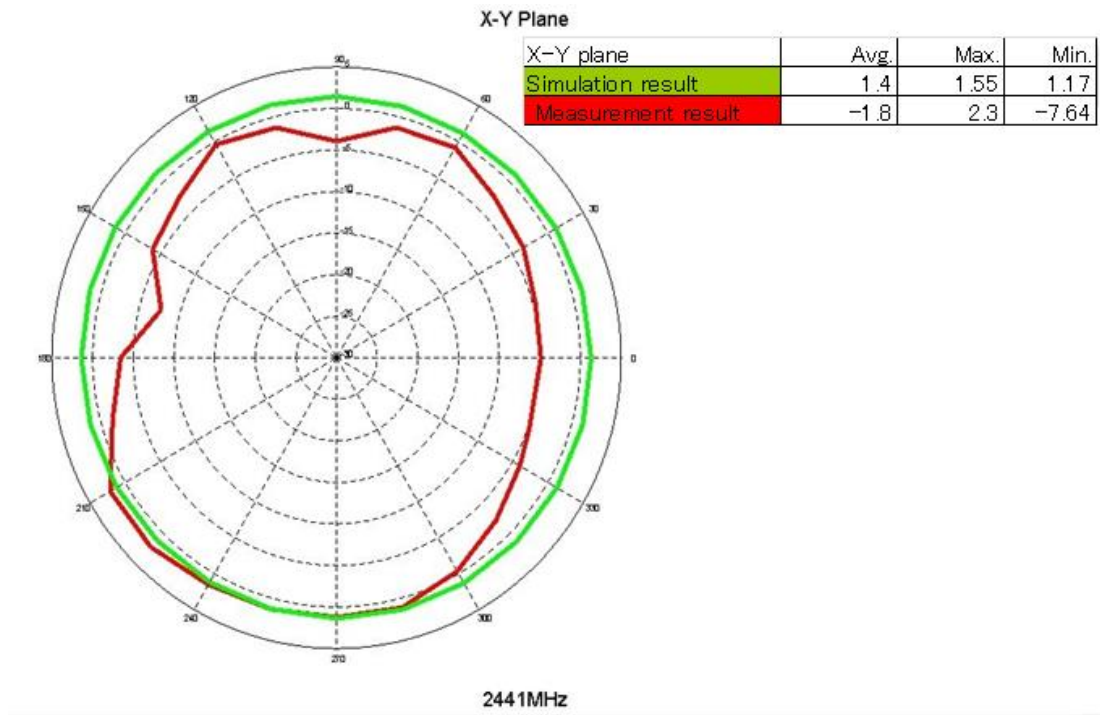


| X-Y plane          | Avg. | Max. | Min.  |
|--------------------|------|------|-------|
| Simulation result  | 1.3  | 1.5  | 1.15  |
| Measurement result | -2.3 | 1.7  | -7.34 |

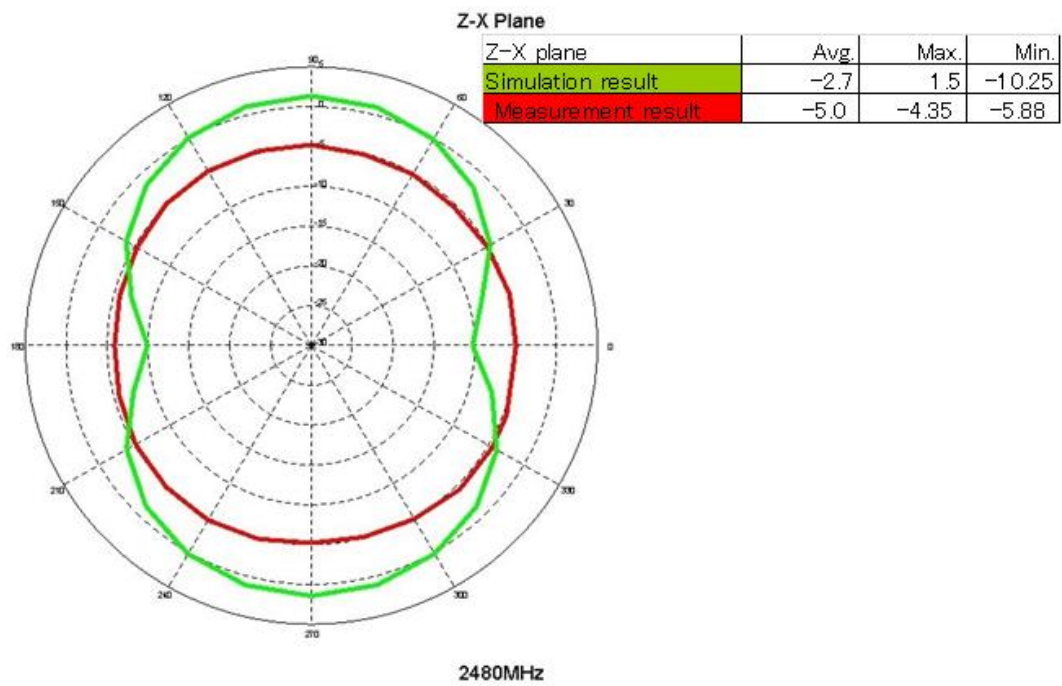
2402MHz

Radiation pattern @2.441GHz



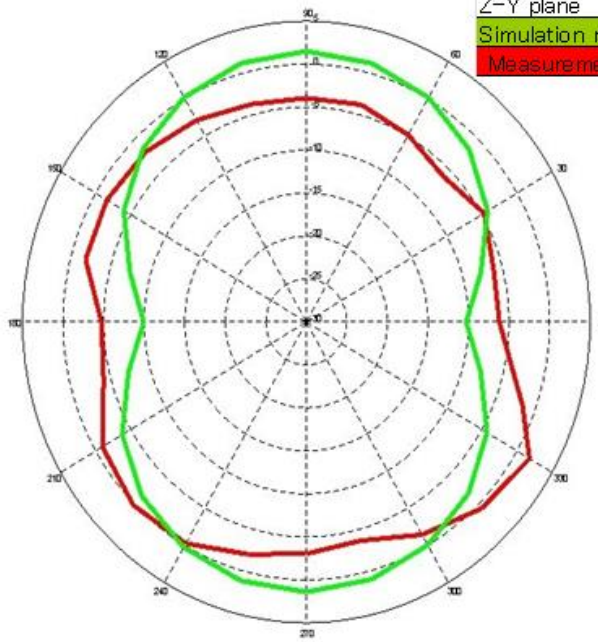


Radiation pattern @2.480GHz



Z-Y Plane

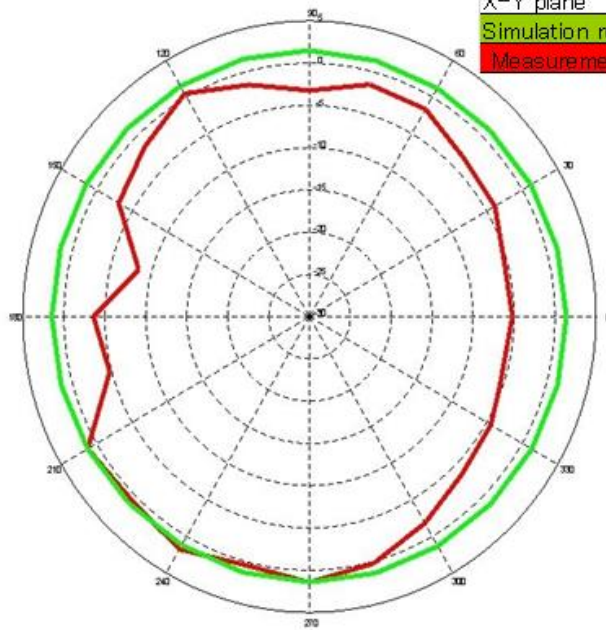
| Z-Y plane          | Avg. | Max. | Min.   |
|--------------------|------|------|--------|
| Simulation result  | -2.7 | 1.55 | -10.25 |
| Measurement result | -2.8 | 1.82 | -6.16  |



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