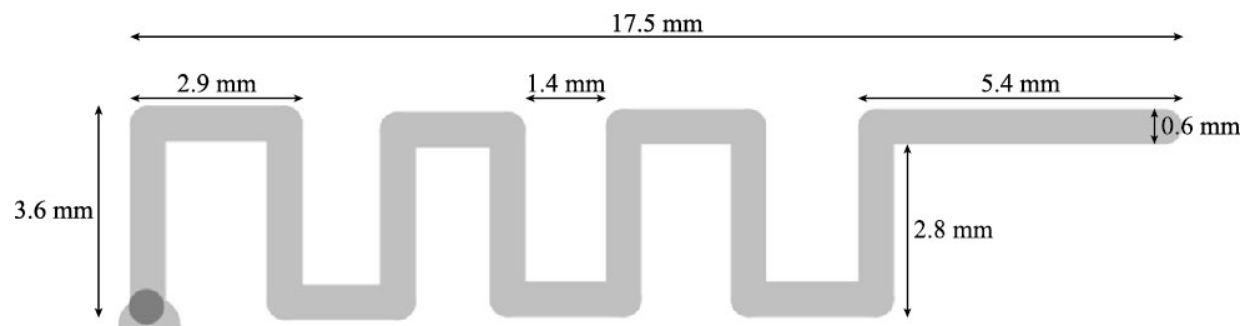


## Antenna Specification

|                                                 |                                                       |
|-------------------------------------------------|-------------------------------------------------------|
| 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                               | 2.3 dBi                                               |
| V.S.W.R                                         | e.g. $\leq 2.0$                                       |
| Impedance                                       | e.g. 50Ohm                                            |
| Operating Temp. Range                           | 0 °C ~ 85 °C                                          |
| Size                                            | 17.5mm X 3.6mm X 1mm                                  |
| Can the antennas be transmitted simultaneously? | N0                                                    |

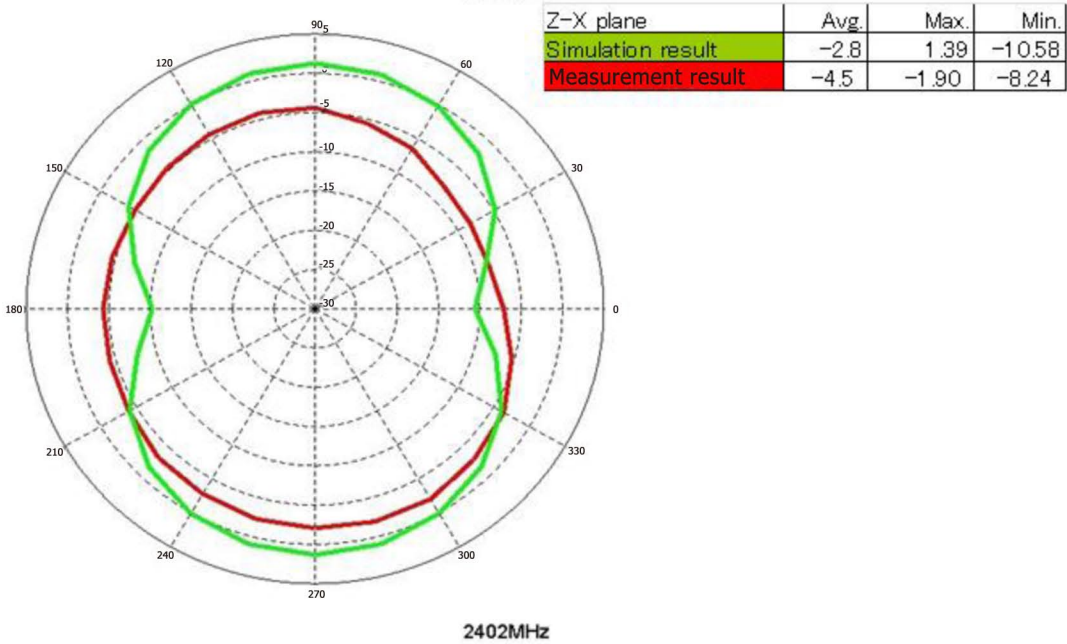
Outside view drawing for Antenna:



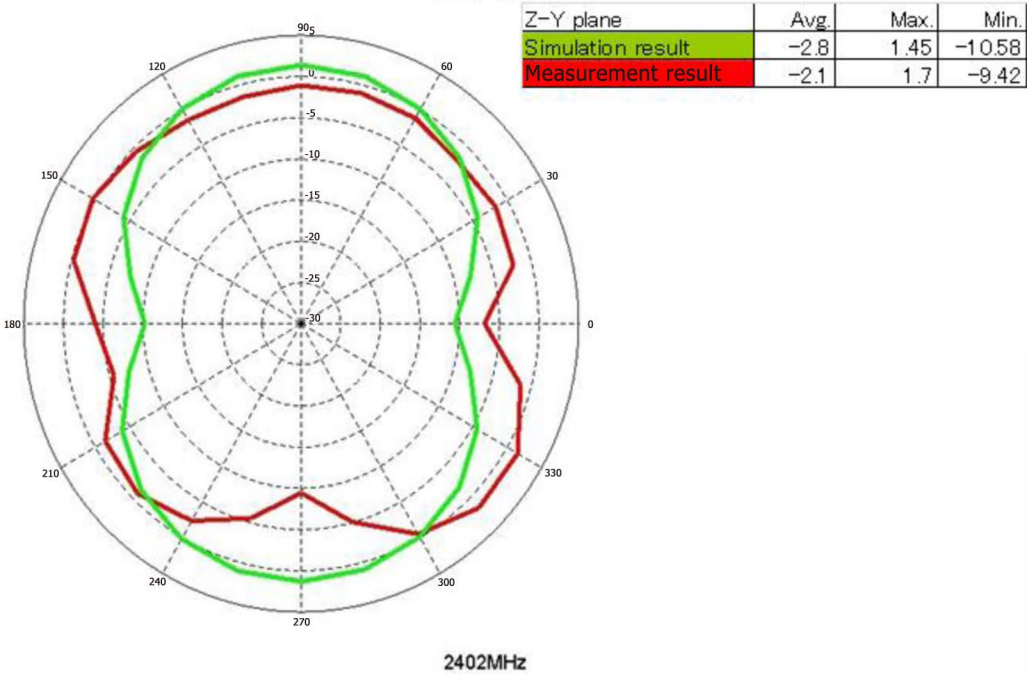
# Radiation Pattern

Radiation pattern @2.402GHz

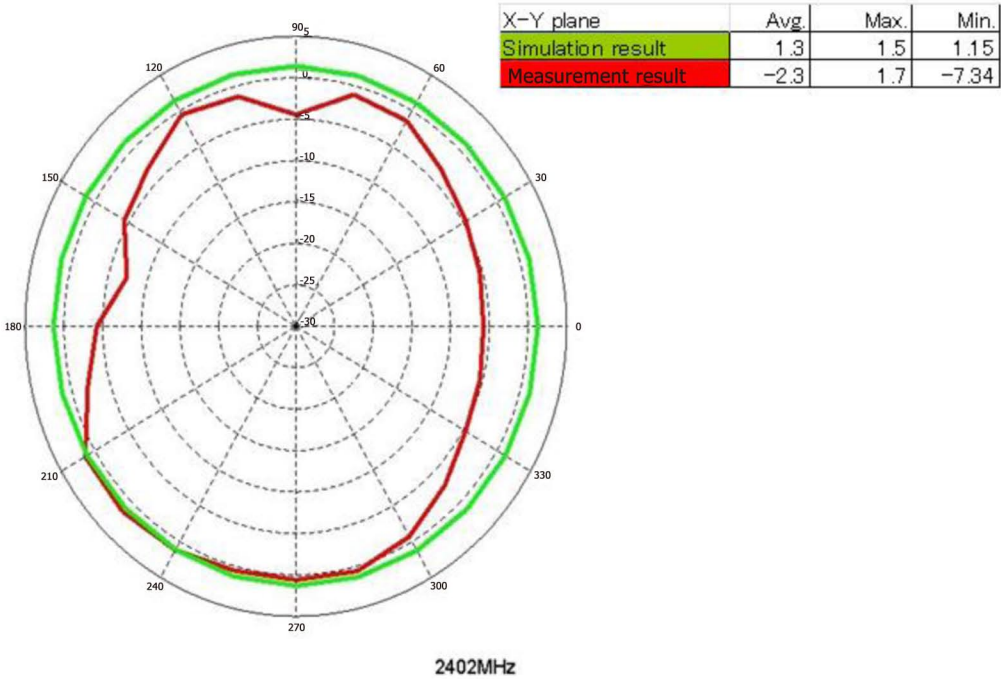
Z-X Plane



Z-Y Plane

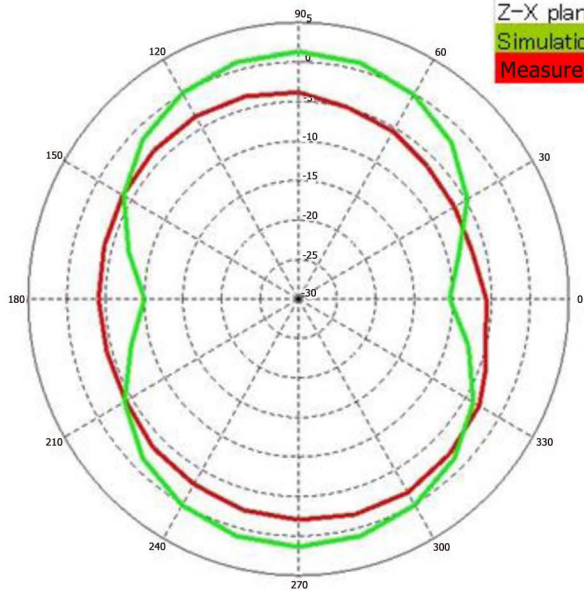


X-Y Plane



Radiation pattern @2.441GHz

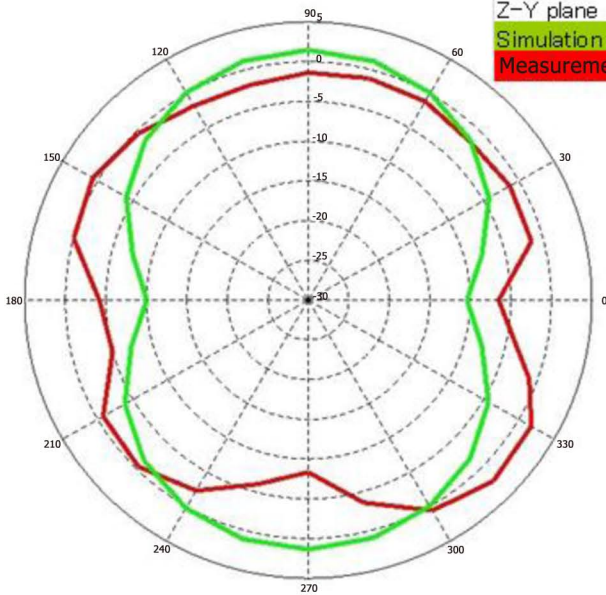
Z-X Plane



2441MHz

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

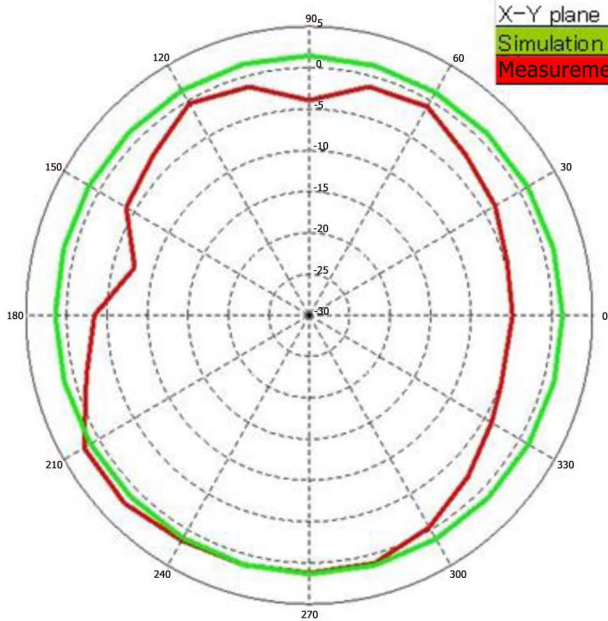
Z-Y Plane



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

