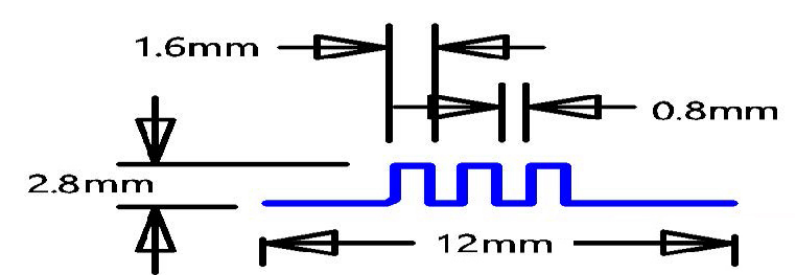


1. Antenna Description:

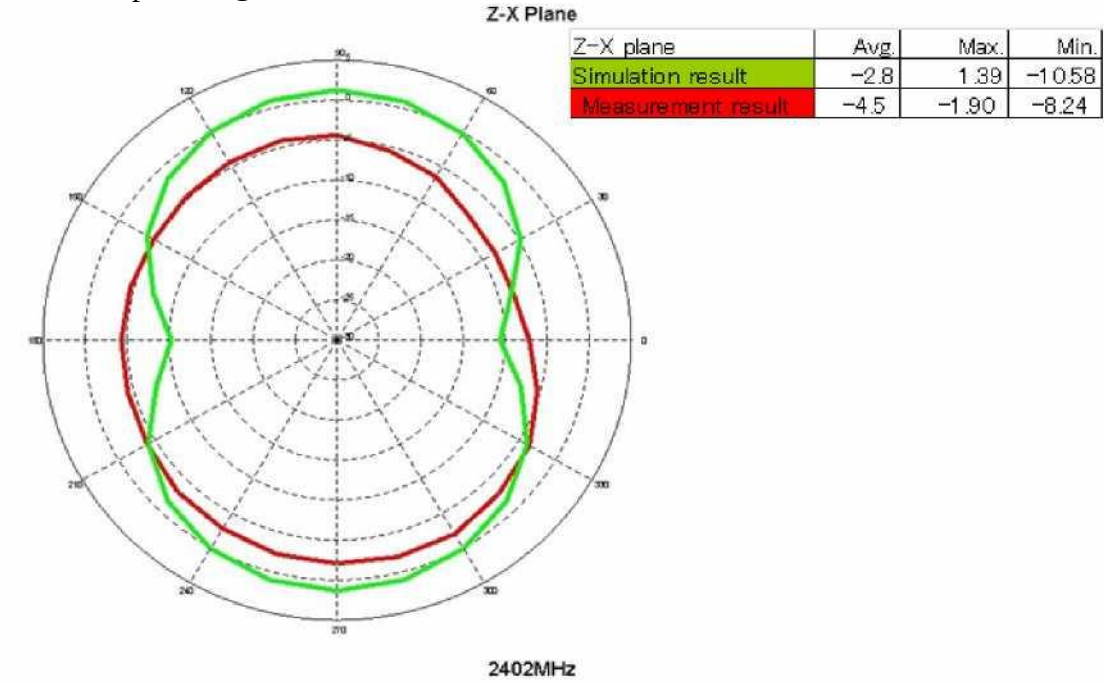
|                   |                   |
|-------------------|-------------------|
| Antenna plate     | Monopole Antenna  |
| Antenna peak gain | 2.3 dBi           |
| Frequency range   | 2.402MHz~2.480MHz |
| Connect type      | Direct Connect    |

2. Picture of antenna

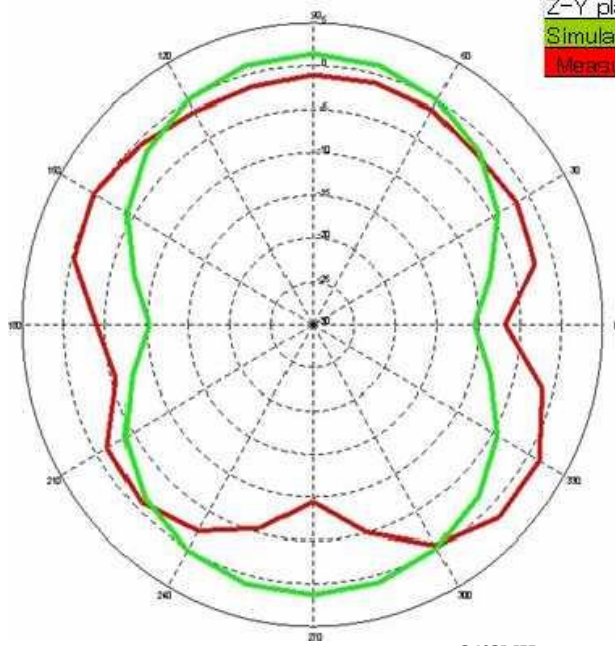


3.

Radiation pattern @2.402GHz



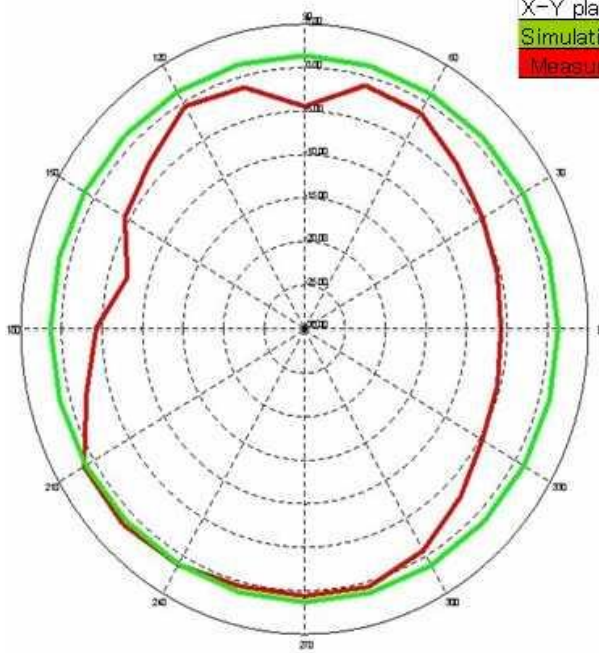
Z-Y Plane



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

2402MHz

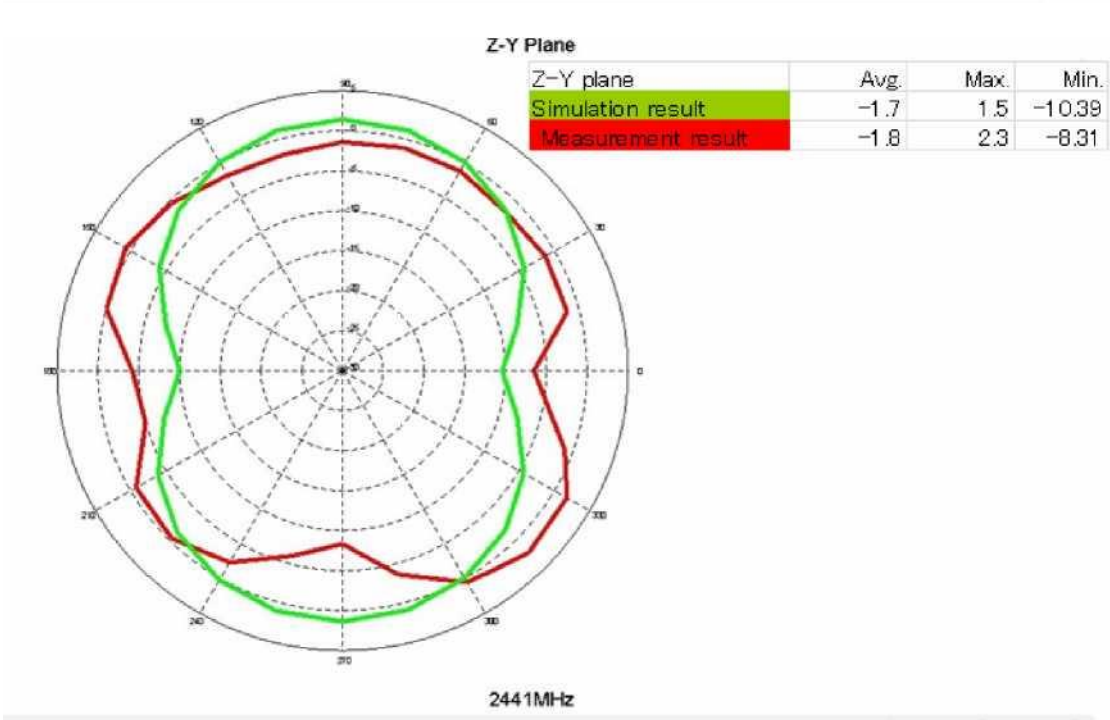
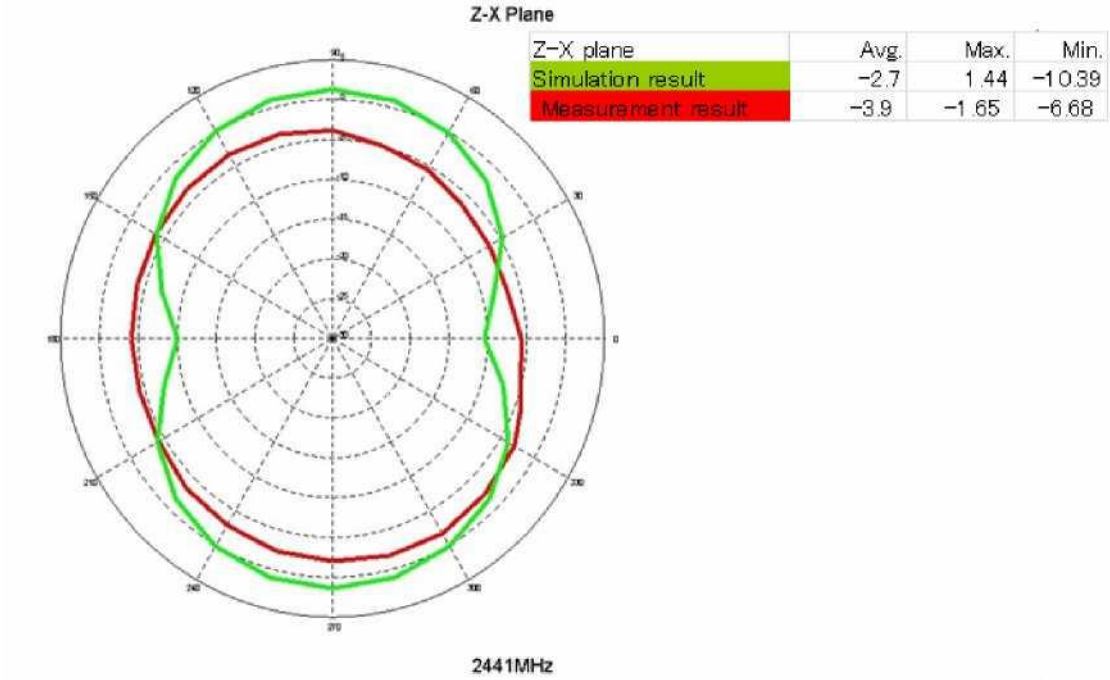
X-Y Plane

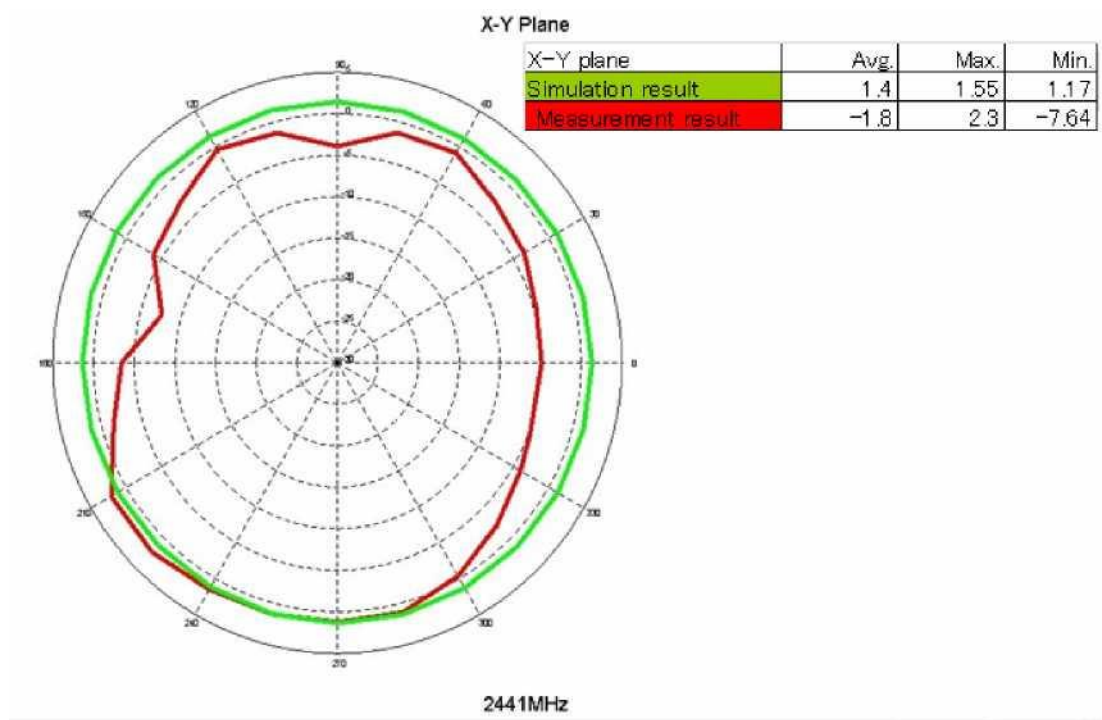


| X-Y plane          | Avg. | Max. | Min.  |
|--------------------|------|------|-------|
| Simulation result  | 1.3  | 1.5  | 1.15  |
| Measurement result | -2.3 | 1.7  | -7.34 |

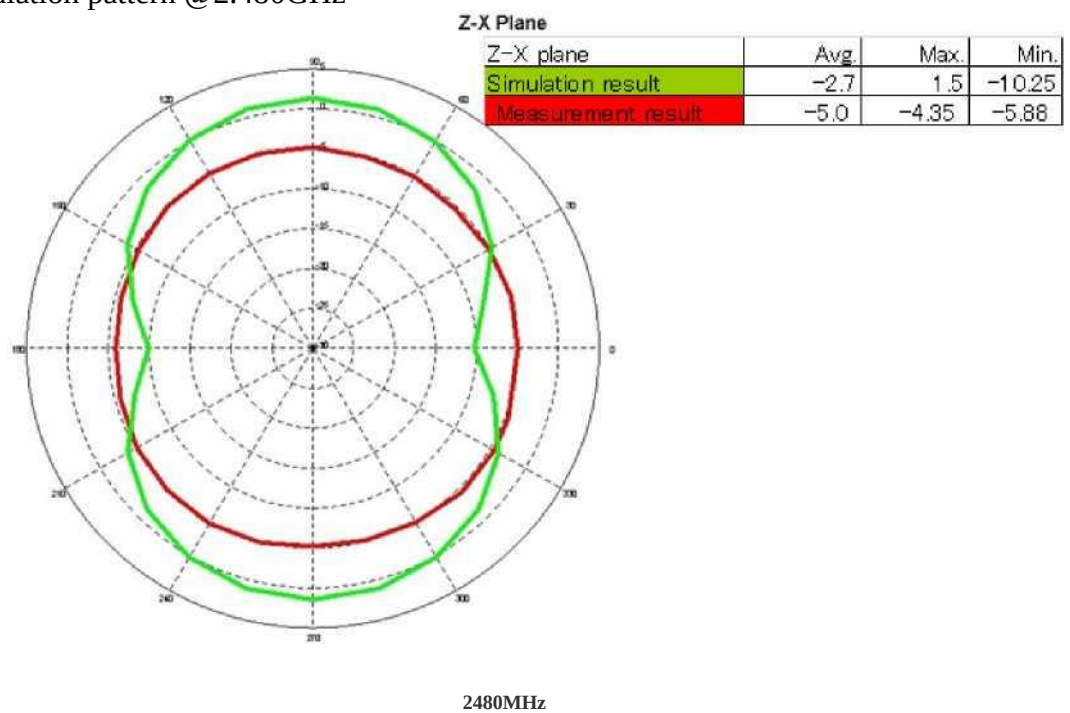
2402MHz

Radiation pattern @2.441GHz



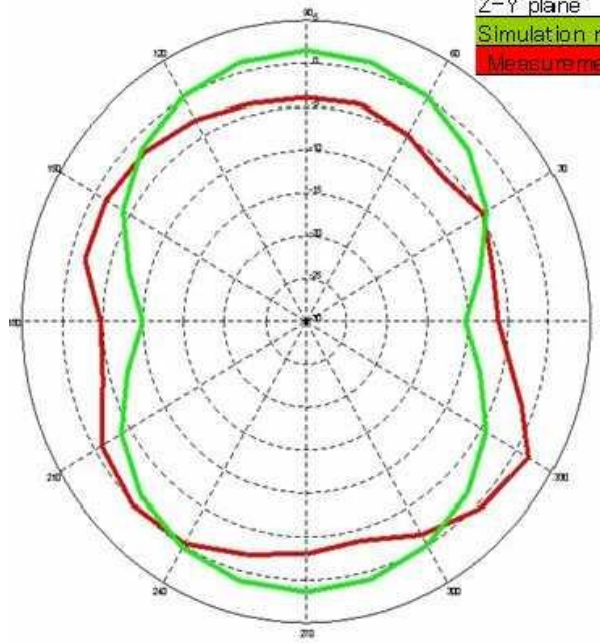


Radiation pattern @2.480GHz



# Z-Y Plane

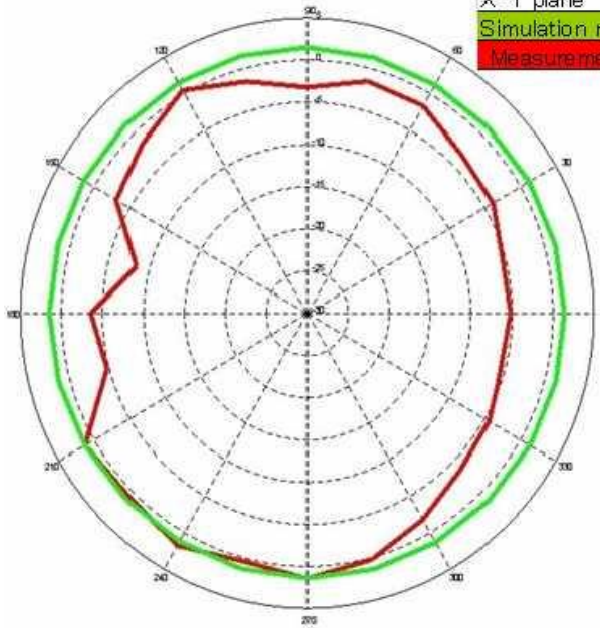
| Z-Y plane          | Avg. | Max. | Min.   |
|--------------------|------|------|--------|
| Simulation result  | -2.7 | 1.55 | -10.25 |
| Measurement result | -2.8 | 1.82 | -6.16  |



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