

## Coil type Antenna Specification

### Summary

| ITEM                 | ANT SPEC                                                                                                                                   |           |           |           |           |           |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|
| Model Name           | SST-2400-15-21                                                                                                                             |           |           |           |           |           |
| Center Frequency     | Horizontal                                                                                                                                 |           |           | Vertical  |           |           |
|                      | 2400MHz                                                                                                                                    | 2450MHz   | 2500MHz   | 2400MHz   | 2450MHz   | 2500MHz   |
|                      | -0.35 dBi                                                                                                                                  | -0.27 dBi | -0.11 dBi | -1.22 dBi | -0.79 dBi | -0.57 dBi |
| MAX. Gain            | -0.11 dBi                                                                                                                                  |           |           |           |           |           |
| Polarization         | Horizontal and Vertical                                                                                                                    |           |           |           |           |           |
| Azimuth Beam Pattern | Omni-directional                                                                                                                           |           |           |           |           |           |
| Impedance            | 50 Ohm                                                                                                                                     |           |           |           |           |           |
| Antenna Length       | 15.1cm                                                                                                                                     |           |           |           |           |           |
| Manufacture          | Boyi (Dongguan) Intelligent Technology Co. , Ltd<br>Room 201, No. 2 & 3 Fanguayuan Road, Houjie Town, Dongguan City,<br>Guangdong Province |           |           |           |           |           |

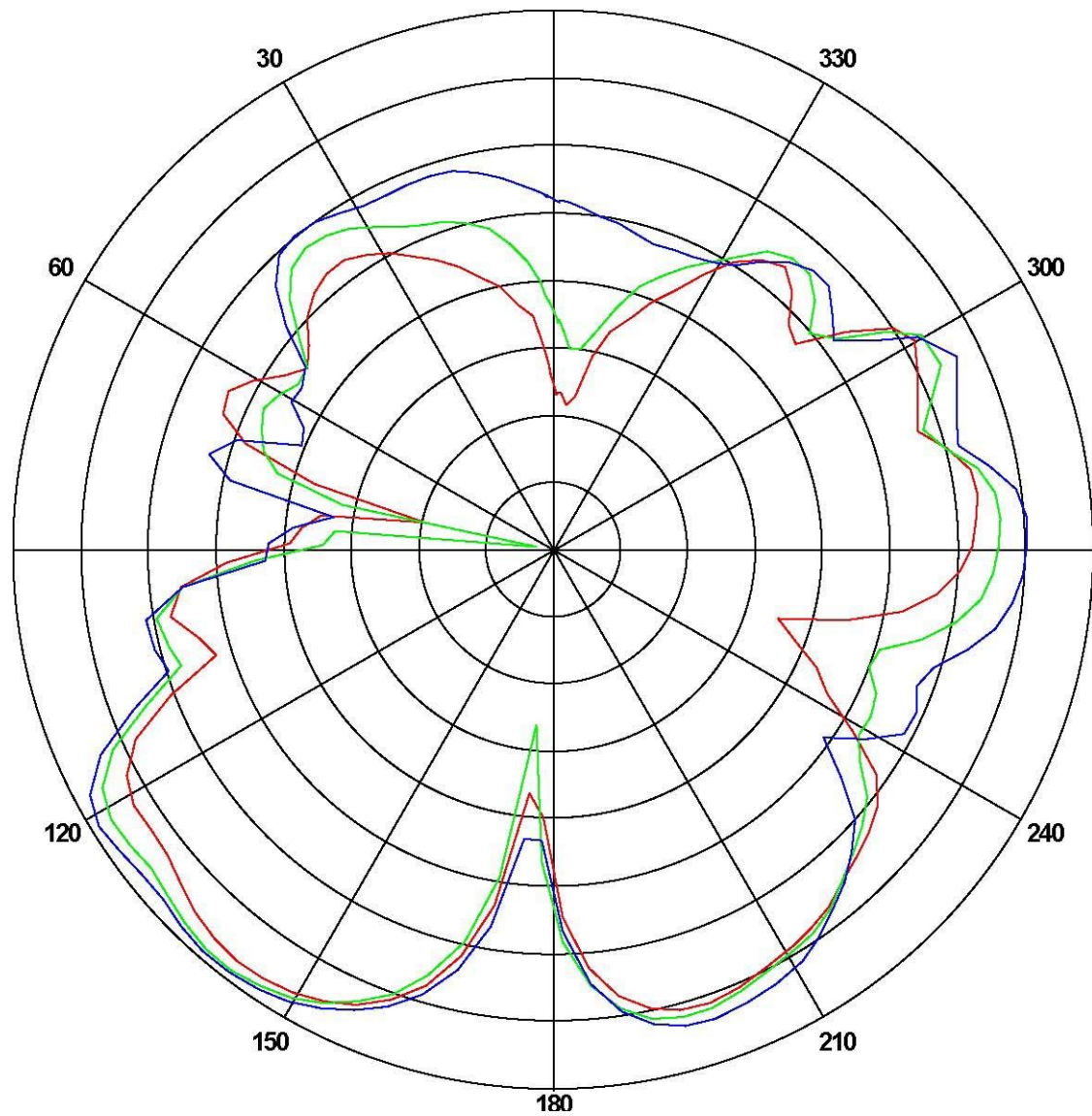
### Antenna Photo & Length (mm)



Horizontal: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -40 Scale: 5/div

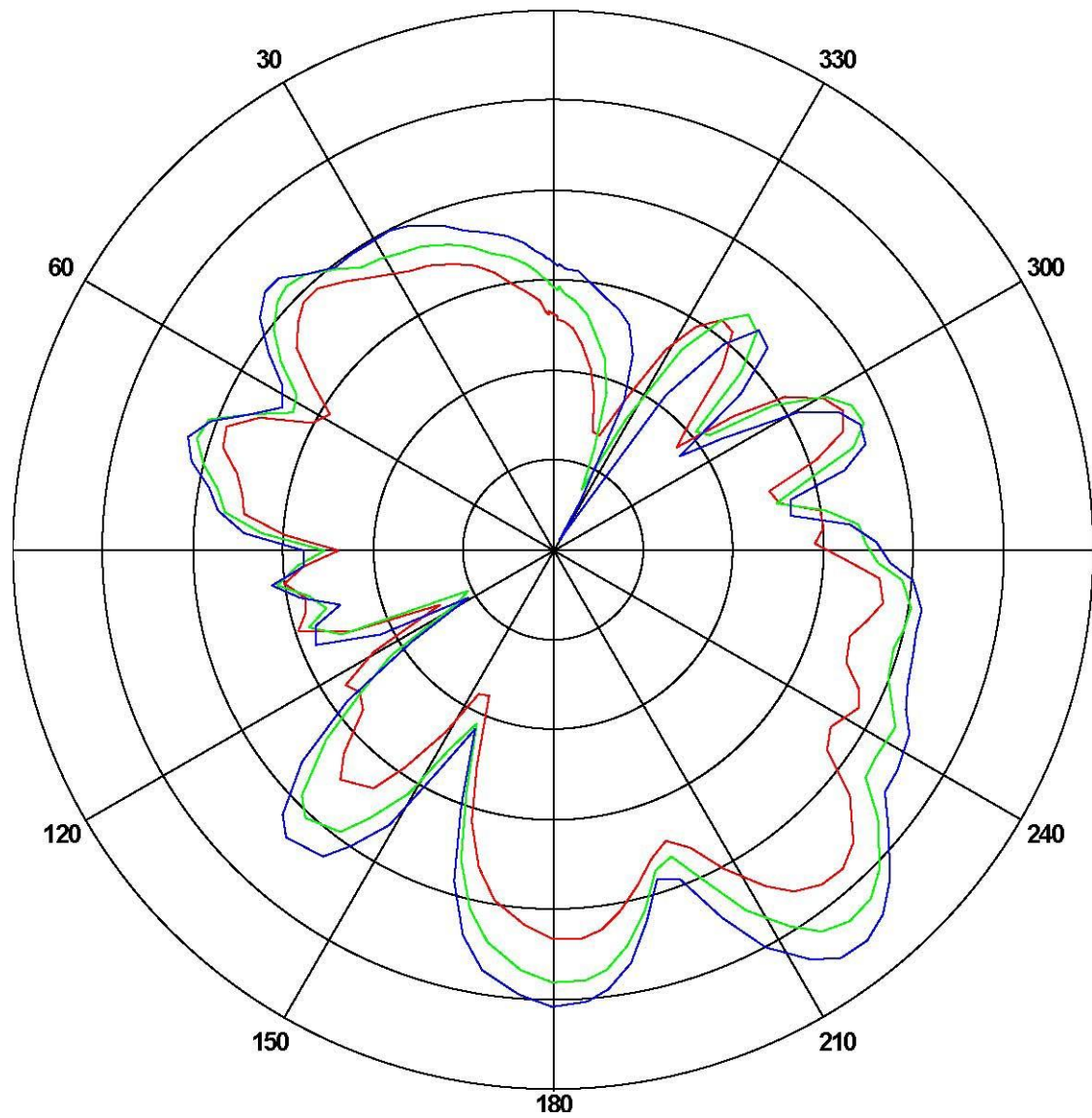


| Frequency<br>(MHz) | Gain(dBi) |        |       |
|--------------------|-----------|--------|-------|
|                    | Max       | Min    | Avg   |
| 2400               | -0.35     | -30.08 | -7.18 |
| 2450               | -0.27     | -36.56 | -7.48 |
| 2500               | -0.11     | -22.03 | -6.59 |

Vertical: 2400 MHz 2450 MHz 2500 MHz

Power (dBm)

Max: 0 Min: -30 Scale: 5/div



| Frequency<br>(MHz) | Gain(dBi) |        |        |
|--------------------|-----------|--------|--------|
|                    | Max       | Min    | Avg    |
| 2400               | -1.22     | -32.14 | -12.42 |
| 2450               | -0.79     | -26.58 | -10.47 |
| 2500               | -0.57     | -24.52 | -9.204 |