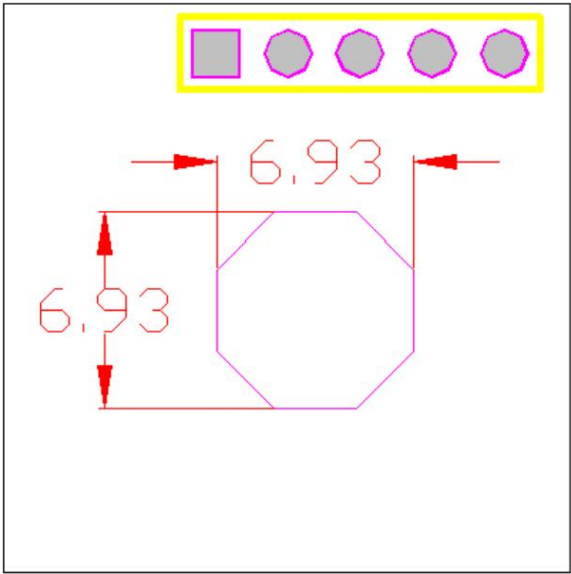


# Antenna Specifications

| Design Specifications       | Typical                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Antenna Type*               | Patch                                                                                                                 |
| Working Frequency           | 10GHz                                                                                                                 |
| Antenna Gain                | 4.76 dBi                                                                                                              |
| Antenna Efficiency          | ≥ 30%                                                                                                                 |
| VSWR                        | ≤ 2                                                                                                                   |
| Impedance                   | 50 ohm                                                                                                                |
| Overall Dimensions*         | 6.93mm * 6.93mm                                                                                                       |
| Manufacturer's company name | 深圳市科世佳电子有限公司<br>Shenzhen keshijia electronics co.,ltd                                                                 |
| Manufacturer Address        | 深圳市宝安区沙井街道中熙工业园D栋一楼<br>First floor, Building D, Zhongxi Industrial Park,<br>Shajing Street, Bao'an District, Shenzhen |

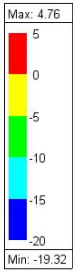
- Schematic

Bottom

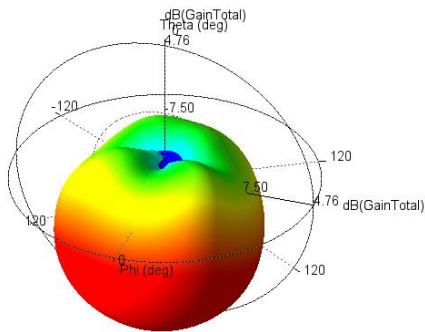


● 3D Antenna Gain

Ansys Inc.



Gain Plot 2



● 2D Antenna Gain

| Name | Theta [deg] | Ang       | Mag    |
|------|-------------|-----------|--------|
| m1   | -180        | -180.0000 | 4.5937 |
| m2   | 174         | 174.0000  | 4.7369 |

Gain Plot 1

