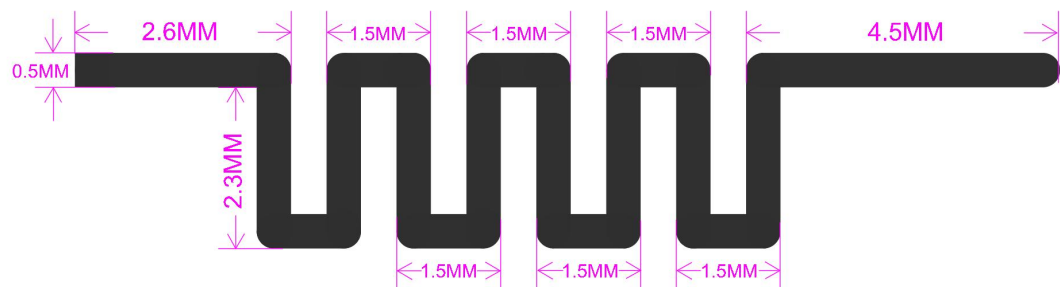


## Features

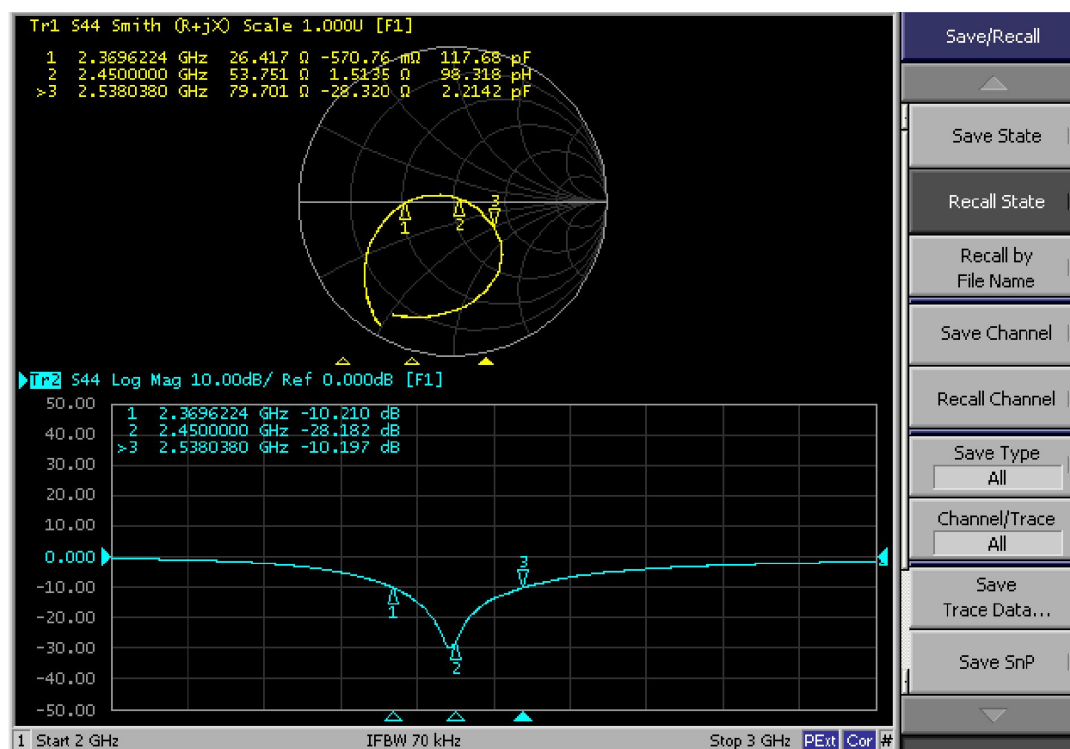
|                      |                    |
|----------------------|--------------------|
| (1)Installation mode | Onboard antenna    |
| (2)Antenna type      | Serpentine antenna |
| (3)Antenna length    | 34.5mm             |
| (4)Antenna width     | 0.5mm              |
| (5)Frequency         | 2.4G               |



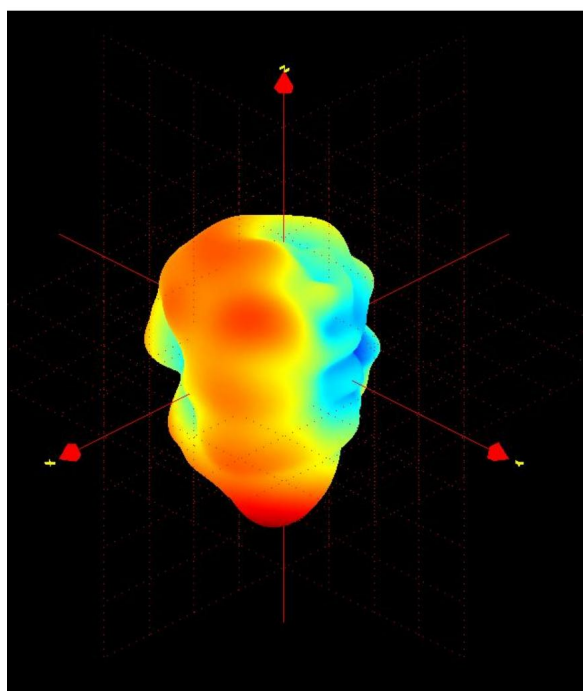
## Electrical Specification

|                            |                  |
|----------------------------|------------------|
| (1)Working Frequency Range | 2400~2500 MHz    |
| (2)Peak Gain               | 4.97dBi (Typ.)   |
| (3)Impedance               | 50 Ohm           |
| (4)VSWR                    | 2.5(Max)         |
| (5)Polarization            | Linear           |
| (6)Azimuth Beamwidth       | Omni-directional |

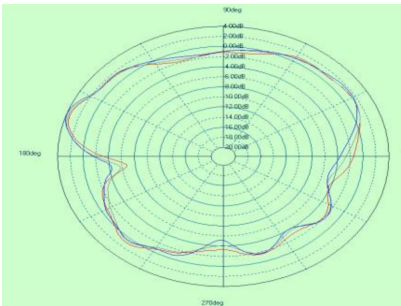
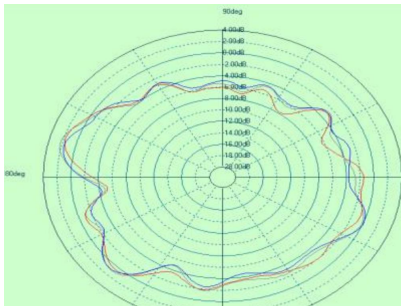
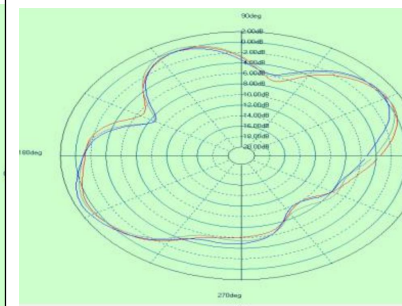
## S11 Figure



## Radiation Figure



Antenna Radiation Pattern

| Radiation Pattern XOZ                                                             | Radiation Pattern YOZ                                                              | Radiation Pattern XOY                                                               |       |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------|
|  |  |  |       |
| Frequency<br>(MHz)                                                                | 2400                                                                               | 2450                                                                                | 2500  |
| Avg. Gain<br>(dBi)                                                                | -0.75                                                                              | -0.79                                                                               | -0.88 |
| Peck Gain<br>(dBi)                                                                | 4.52                                                                               | 4.97                                                                                | 4.85  |
| Efficiency<br>(%)                                                                 | 70.2                                                                               | 71.1                                                                                | 71.2  |