

# Antenna Report

**Types of Ant.:** PCB Pattern Antenna

**Model:** CI-036S-ANT

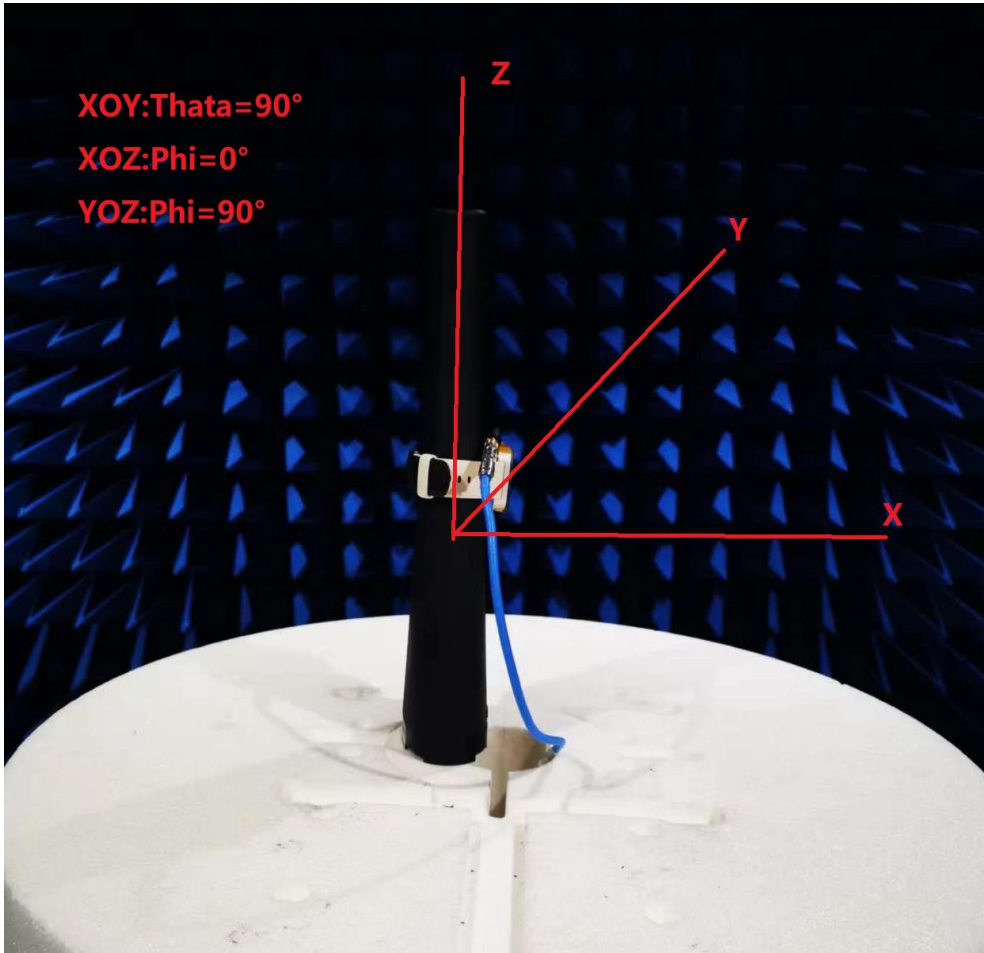
**Ant. directivity pattern/Diagram:** omni directional

**Ant. polarization characteristics:** circular polarization

**Manufacturer:** Shenzhen Jingxun Technology Co., Ltd.

**Test lab:** Shenzhen Jingxun Technology Co., Ltd.

# 1、 Testing Environment



## 2、 Test Data

### 1、 GPS Antenna

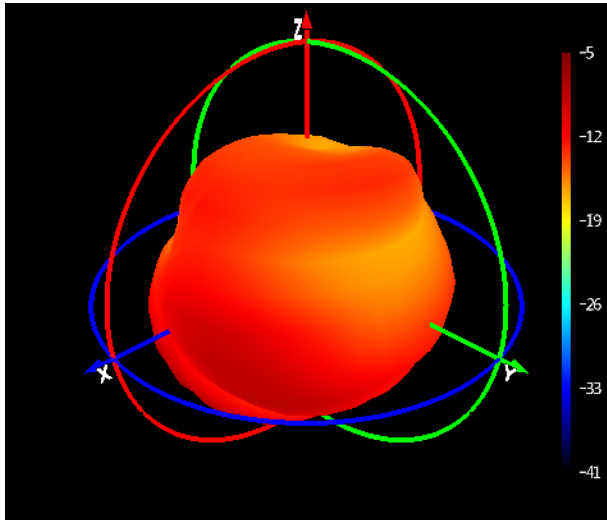
频率 (MHz) Frequency	增益 (dBi) Gain	效率 (dB) Efficiency	效率 (%) Efficiency
1510	-6.20	-13.28	4.70
1520	-6.32	-13.12	4.87
1530	-6.31	-12.96	5.06
1540	-6.26	-12.80	5.25
1550	-6.16	-12.66	5.42
1560	-6.00	-12.54	5.57
1570	-5.80	-12.42	5.73
1580	-5.69	-12.32	5.87
1590	-5.65	-12.22	5.99
1600	-5.63	-12.13	6.12

## BT Antenna

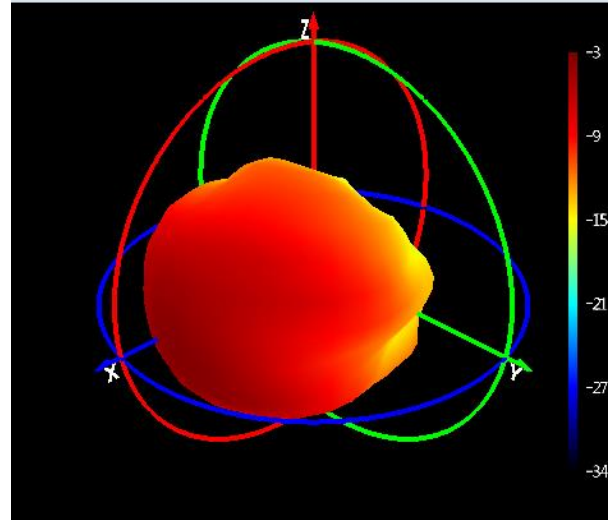
频率 (MHz) Frequency	增益 (dBi) Gain	效率 (dB) Efficiency	效率 (%) Efficiency
2350	-2.13	-9.29	11.77
2360	-2.30	-9.40	11.47
2370	-2.52	-9.52	11.18
2380	-2.73	-9.62	10.91
2390	-2.92	-9.71	10.69
2400	-3.11	-9.80	10.46
2410	-3.23	-9.89	10.27
2420	-3.28	-9.96	10.08
2430	-3.28	-10.05	9.88
2440	-3.21	-10.13	9.71
2450	-3.11	-10.15	9.65
2460	-3.03	-10.19	9.57
2470	-3.01	-10.24	9.45
2480	-3.08	-10.31	9.32
2490	-3.21	-10.39	9.14
2500	-3.42	-10.53	8.84

# 3D Radiation Pattern

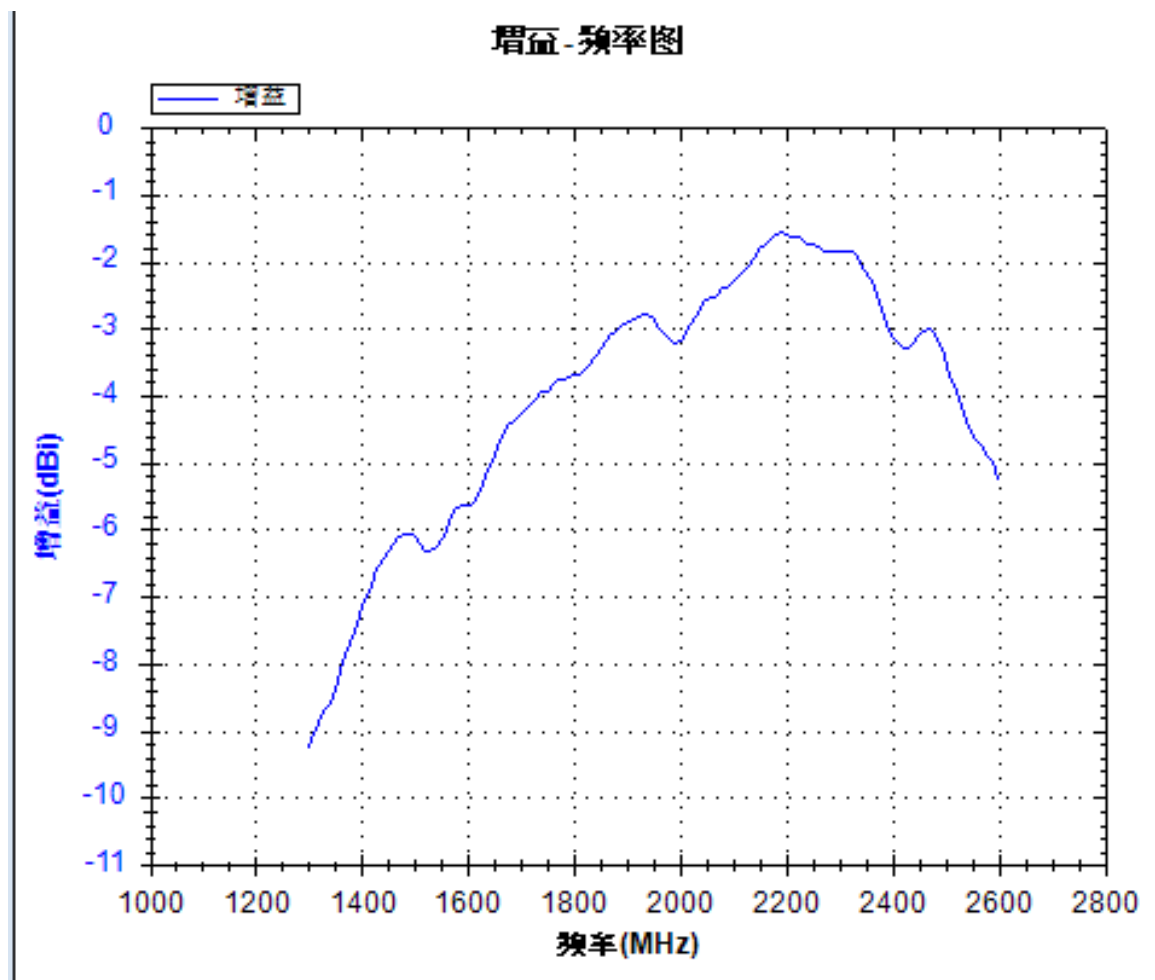
## GPS



## BT

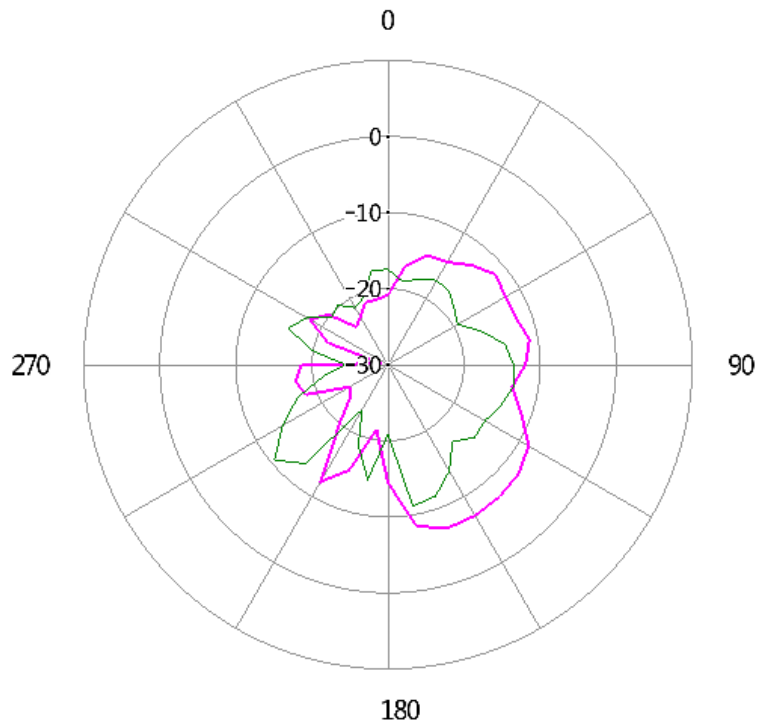


## Gain Map



Phi=0° Combine RC and LC, Purple is RC, Green is LC。

Angle: 204.22  
Power: 29.52





# Axial Ratio

GPS 3D Axial Ratio

