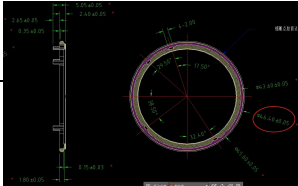


CWR07G Antenna Specifications

| | | |
|--|--|--|
| Manufacturer: Shenzhen Yusheng Communication Equipment Co., Ltd Antenna manufacturer address: 407-411, 4th Floor, Building 2, South Taiyun ChuangguPark, southeast of the intersection of Guangming Avenue and Dongchang Road, Guangming District, Shenzhen | | |
| Antenna type: Screen antenna Antenna material: Metal | | |
| 天线尺寸: | 圆直径: 46.4mm |  |
| Main content of the report | Preliminary debugging results: 1. Arm GPS antenna efficiency debugging around 7%, 2. Arm BT antenna efficiency debugging around 5% | |

GPS/BT passive diagram

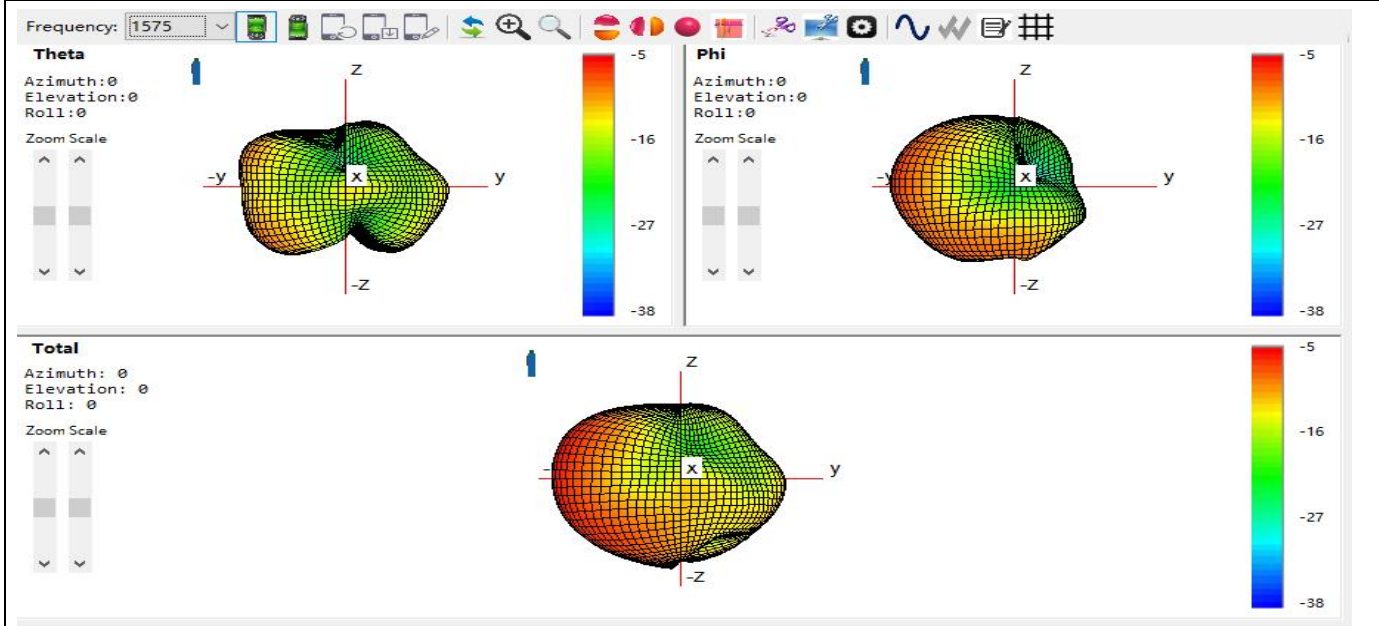


Test results of antenna efficiency parameters

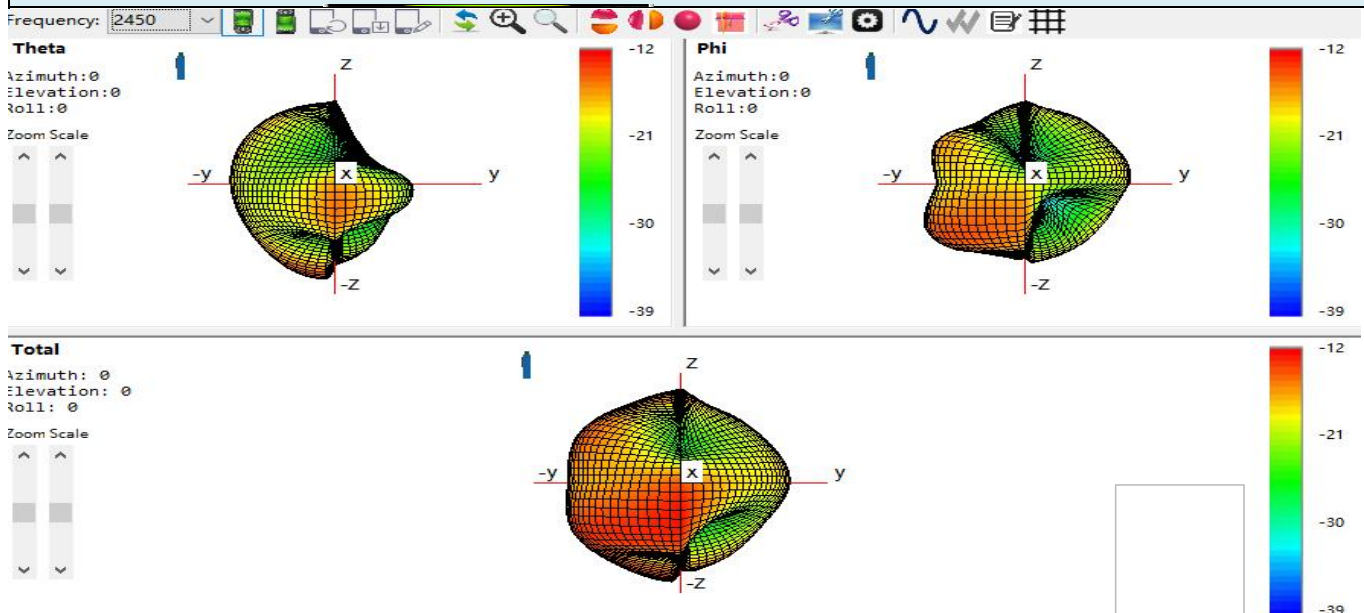
| | equency poi | Efficiency% | Efficiency db | gain | | equency poi | Efficiency% | Efficiency db | gain |
|--------|-------------|-------------|---------------|-------|---------|-------------|-------------|---------------|-------|
| | | | | | | | | | |
| BT Arm | 2400 | 3% | -14.9 | -11.9 | GPS Arm | 1550 | 4% | -14.4 | -11.3 |
| | 2410 | 4% | -13.9 | -11.4 | | 1555 | 4% | -13.8 | -11.1 |
| | 2420 | 4% | -13.7 | -11.2 | | 1560 | 4% | -13.6 | -10.9 |
| | 2430 | 4% | -13.6 | -10.8 | | 1565 | 5% | -12.8 | -10.7 |
| | 2440 | 5% | -12.9 | -10.4 | | 1570 | 6% | -12.4 | -10.4 |
| | 2450 | 5% | -12.7 | -10.2 | | 1575 | 7% | -11.9 | -9.7 |
| | 2460 | 5% | -12.9 | -10.5 | | 1580 | 6% | -12.1 | -9.9 |
| | 2470 | 4% | -13.6 | -10.9 | | 1585 | 5% | -12.7 | -10.5 |
| | 2480 | 4% | -13.9 | -11.2 | | 1590 | 4% | -13.6 | -10.8 |
| | 2490 | 3% | -14.7 | -11.5 | | | | | |
| | 2500 | 3% | -14.9 | -11.8 | | | | | |

1575MHz passive directional diagram/field pattern diagram

Antenna Report



2450MHz passive directional diagram/field pattern diagram



The metal coil is used as an antenna, as shown in the following figure:

