

BT&WIFI&GPS Antenna Specification

GPS&WIFI&BT Antenna

- Technical parameters

WLAN: GPS&WIFI&BT

Antenna manufacturer company: Sunnyway Technology

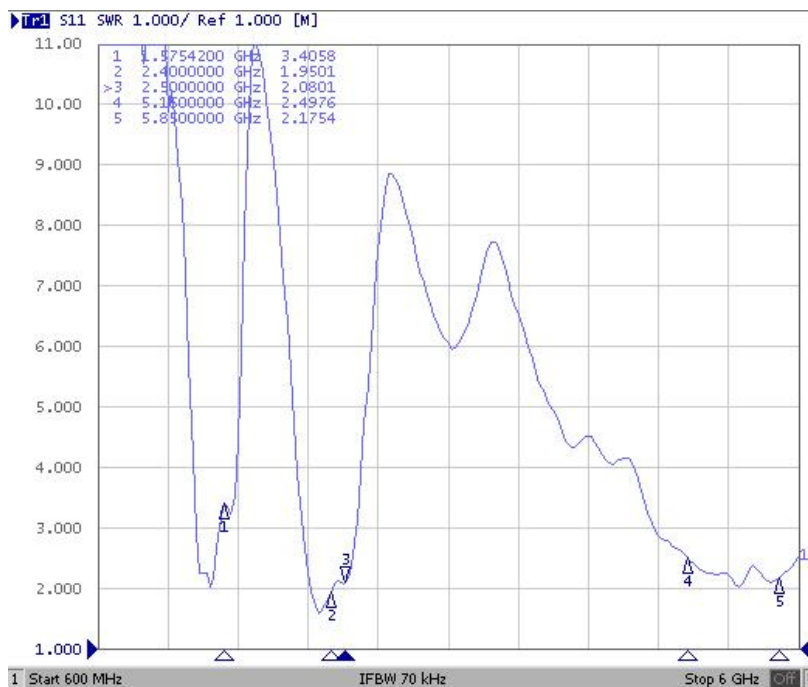
Antenna Type: PIFA Antenna

model: XR2

Frequency: 1575MHz, 2400MHz~2500MHz, 5150MHz~5850MHz

SWR: $\leq 4.0: 1$

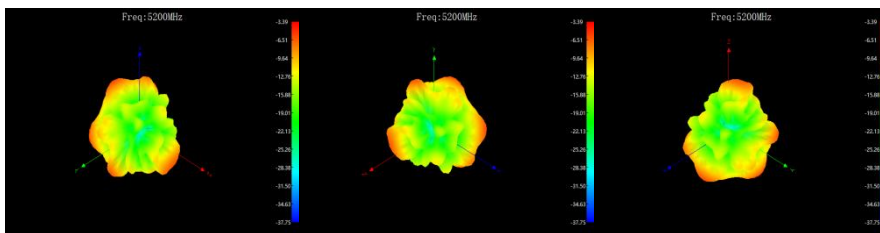
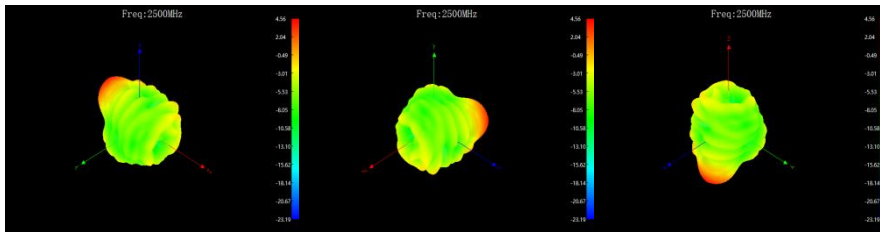
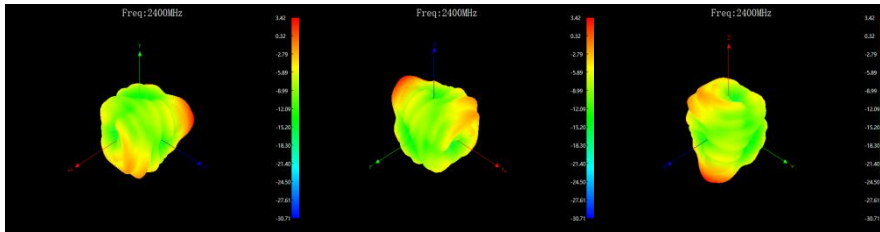
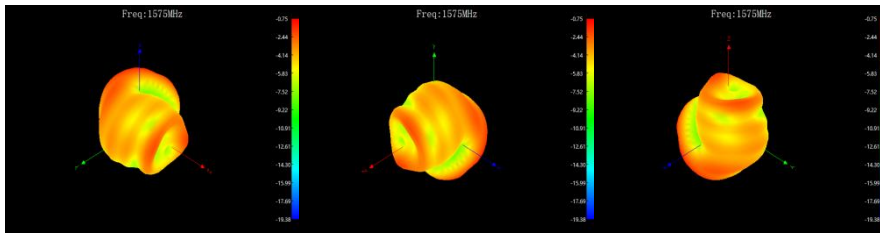
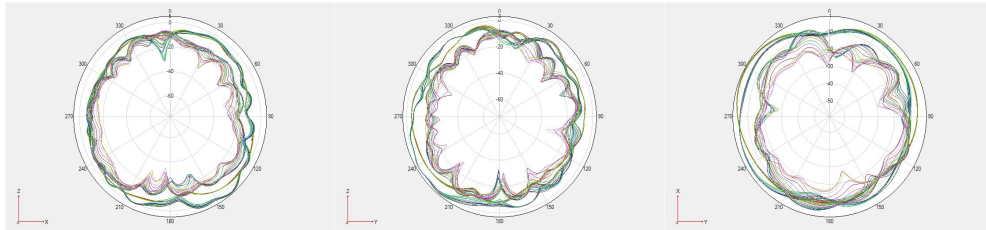
- S11



● Efficiency and gain

| Frequency/MHz | Max Gain/dBi | Efficiency / % | Frequency/MHz | Max Gain/dBi | Efficiency / % |
|---------------|--------------|----------------|---------------|--------------|----------------|
| 1560 | -0.96 | 29.12 | 5200 | -2.39 | 32.63 |
| 1565 | -0.83 | 29.71 | 5235 | -2.37 | 32.87 |
| 1570 | -0.99 | 28.7 | 5270 | -3.24 | 32.05 |
| 1575 | -0.75 | 29.71 | 5305 | -3.06 | 32.43 |
| 1580 | -0.55 | 30.72 | 5340 | -3.07 | 32.59 |
| 2400 | 2.42 | 35.73 | 5375 | -3.35 | 32.34 |
| 2410 | 2.68 | 36.22 | 5410 | -3.24 | 32.3 |
| 2420 | 2.44 | 35.81 | 5445 | -2.98 | 32.65 |
| 2430 | 2.57 | 35.97 | 5480 | -3.15 | 32.28 |
| 2440 | 2.63 | 37.33 | 5515 | -2.92 | 31.98 |
| 2450 | 2.94 | 38.28 | 5550 | -2.66 | 32.07 |
| 2460 | 3 | 38.02 | 5585 | -2.98 | 31.06 |
| 2470 | 3.33 | 39.17 | 5620 | -4.12 | 29.43 |
| 2480 | 3.52 | 39.72 | 5655 | -3.3 | 28.09 |
| 2490 | 3.6 | 39.72 | 5690 | -3.97 | 27.41 |
| 2500 | 3.56 | 39.63 | 5725 | -3.26 | 27.07 |
| | | | 5760 | -3.2 | 27.39 |
| | | | 5795 | -3.88 | 28 |

● Radiation pattern



● Structure size

