

WIFI/BT Antenna report (TV)



1. Antenna manufacturer information

Antenna manufacturer Name: SHENGZHEN SOUTH STAR TECHNOLOGY LTD.

Antenna manufacturer address: No.3, Nanfang 1st Road, Chigang, Humen, Town Dongguan, China

Model number: WIFI/BT antenna

Antenna frequency: 2400-2500MHz; 5150-5850MHz.

2. WIFI/BT Efficiency&Gain

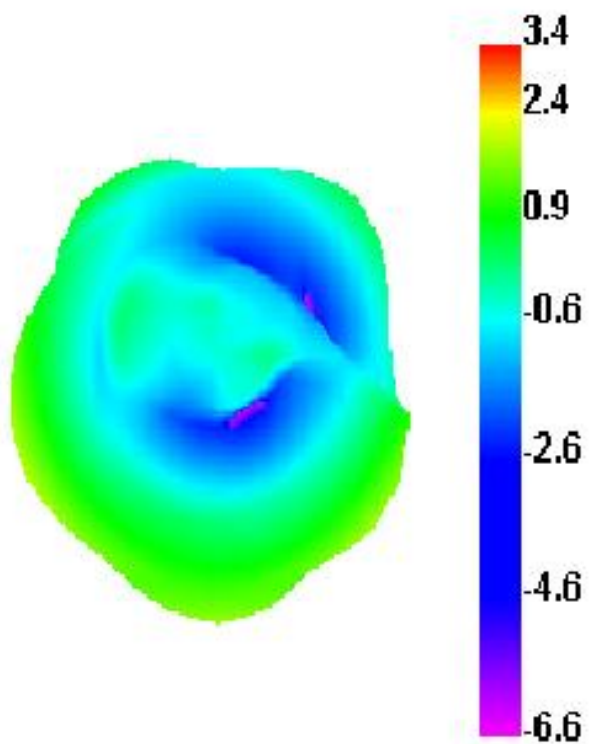
Efficiency&Gain

| Freq (MHz) | Effi (%) | Effi (dB) | Gain (dBi) | Freq (MHz) | Effi (%) | Effi (dB) | Gain (dBi) |
|---------------|-------------|--------------|---------------|---------------|-------------|--------------|---------------|
| 2400 | 68.80 | -1.62 | 3.27 | 5150 | 72.49 | -1.4 | 3.29 |
| 2410 | 61.26 | -2.13 | 3.07 | 5200 | 71.74 | -1.44 | 3.26 |
| 2420 | 62.87 | -2.02 | 3.18 | 5250 | 74.97 | -1.25 | 3.18 |
| 2430 | 64.35 | -1.91 | 2.97 | 5300 | 70.3 | -1.53 | 3.31 |
| 2440 | 64.19 | -1.93 | 2.92 | 5350 | 65.22 | -1.86 | 3.46 |
| 2450 | 73.49 | -1.34 | 3.58 | 5400 | 64.66 | -1.89 | 3.55 |
| 2460 | 65.45 | -1.84 | 3.21 | 5450 | 57.78 | -2.38 | 3.03 |
| 2470 | 66.19 | -1.79 | 3.46 | 5500 | 53.04 | -2.75 | 3.27 |
| 2480 | 66.77 | -1.75 | 3.55 | 5550 | 53.1 | -2.75 | 3.35 |
| 2490 | 66.97 | -1.74 | 3.56 | 5600 | 56.28 | -2.5 | 3.2 |
| 2500 | 69.97 | -1.55 | 3.66 | 5650 | 54.41 | -2.64 | 3.37 |
| | | | | 5700 | 51.04 | -2.92 | 3.34 |
| | | | | 5750 | 53.46 | -2.72 | 3.23 |
| | | | | 5800 | 60.16 | -2.21 | 3.27 |
| | | | | 5850 | 61.8 | -2.09 | 3.01 |

3. 3D/2D antenna patterns

Single antenna gain maximum test passive 3D/2D direction diagram

2500.000MHz



5700.000MHz

