

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

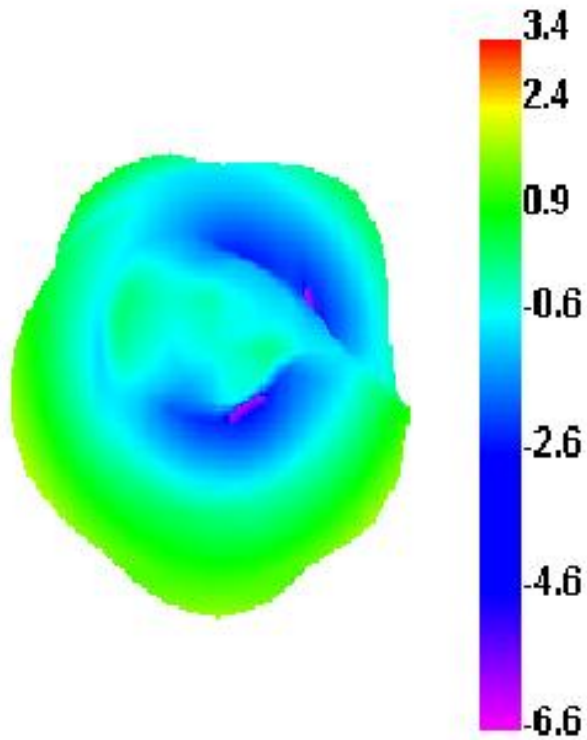
Efficiency&Gain

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	68.80	-1.62	3.00	5150	72.49	-1.4	3.00
2410	61.26	-2.13	3.00	5200	71.74	-1.44	3.00
2420	62.87	-2.02	3.00	5250	74.97	-1.25	3.00
2430	64.35	-1.91	2.97	5300	70.3	-1.53	3.00
2440	64.19	-1.93	2.92	5350	65.22	-1.86	3.00
2450	73.49	-1.34	3.00	5400	64.66	-1.89	3.00
2460	65.45	-1.84	3.00	5450	57.78	-2.38	3.00
2470	66.19	-1.79	3.00	5500	53.04	-2.75	3.00
2480	66.77	-1.75	3.00	5550	53.1	-2.75	2.99
2490	66.97	-1.74	3.00	5600	56.28	-2.5	2.2
2500	69.97	-1.55	3.00	5650	54.41	-2.64	2.37
				5700	51.04	-2.92	2.34
				5750	53.46	-2.72	2.98
				5800	60.16	-2.21	3.00
				5850	61.8	-2.09	3.00

3. 3D/2D antenna patterns

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

2500.000MHz



5700.000MHz

