

WIFI / BT single antenna Performance Test Report (TV)

1. Antenna supplier information

Antenna supplier name: South Star

Address: No.3, Chigang Nanfang First Road, Humen Town, Dongguan City, Guangdong Province.

Antenna Model: WIFI/BT Antenna

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

2. WIFI/BT Efficiency & gain

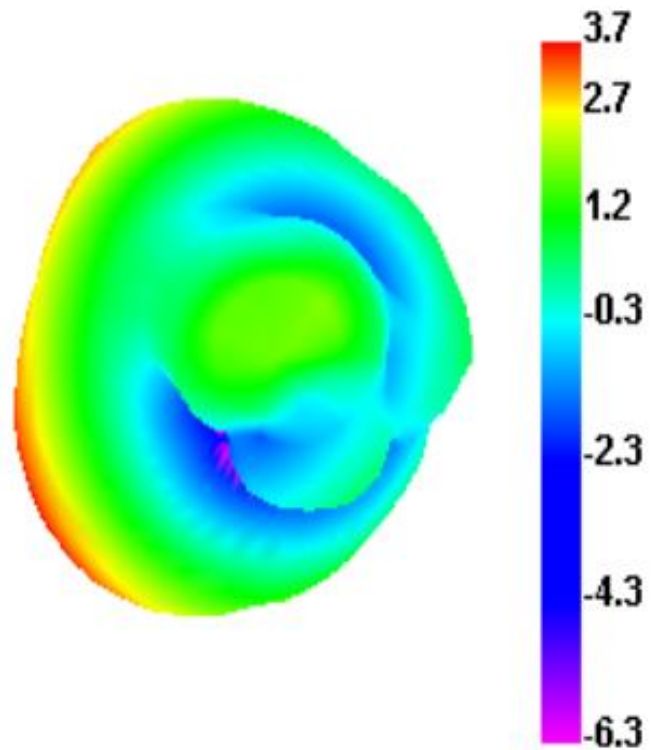
Single item antenna test passive efficiency & gain

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

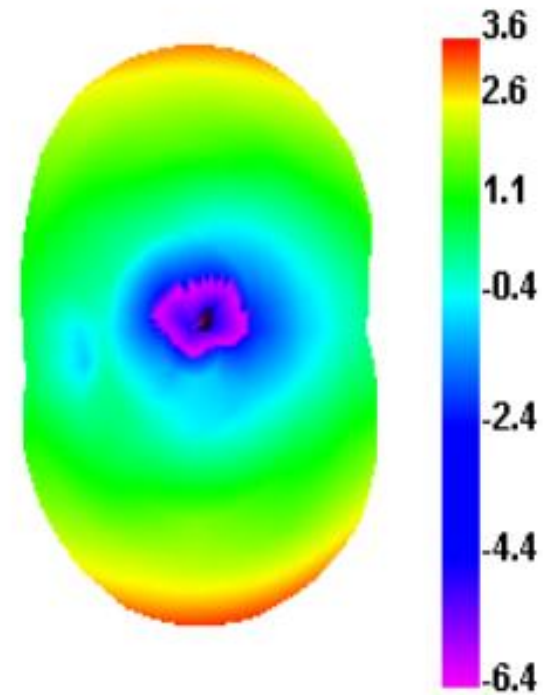
3. 3D/2D directional diagram

3D / 2D orientation diagram of the highest test antenna gain

2500.000MHz



5400.000MHz



4. Test sample

Antenna Drawing

