

Antenna SPECIFICATION

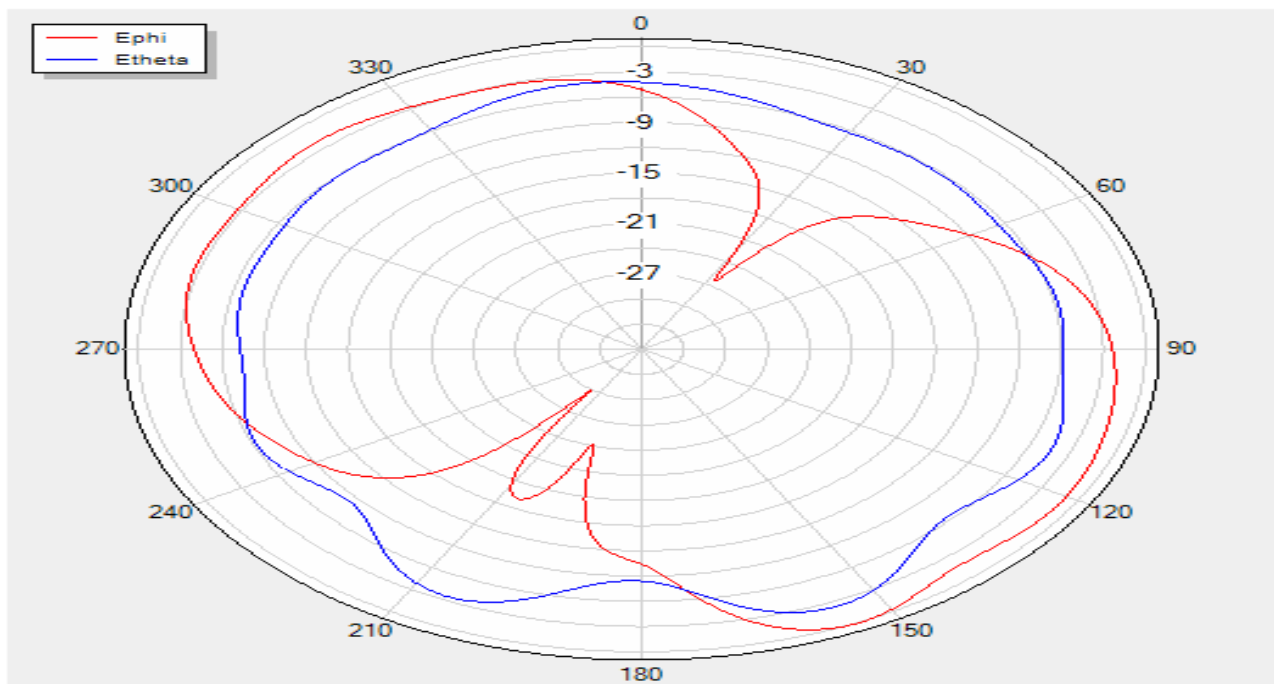
BT part

Specifications:

Item	Specification
type	PCB Antenna
Model	Bluetooth Antenna
Frequency Range	2400MHz~ 2500MHz
Gain	2dBi
Manufacturer	Guangdong Changhong Electronics Co., Ltd.
Address	1,North Xingye Road, Nantou, zhongshan, Guangdong, China

Technical parameter diagram for passive test:

Phi=0 freq=2400MHz



WiFi Part

Specifications:

Item	Specification
type	PIFA Antenna
Model	Chain 0
Frequency Range	2400MHz~ 2500MHz 5150MHz~ 5850MHz
Gain	1.20dBi 3.25dBi
Manufacturer	Guangdong Changhong Electronics Co., Ltd.

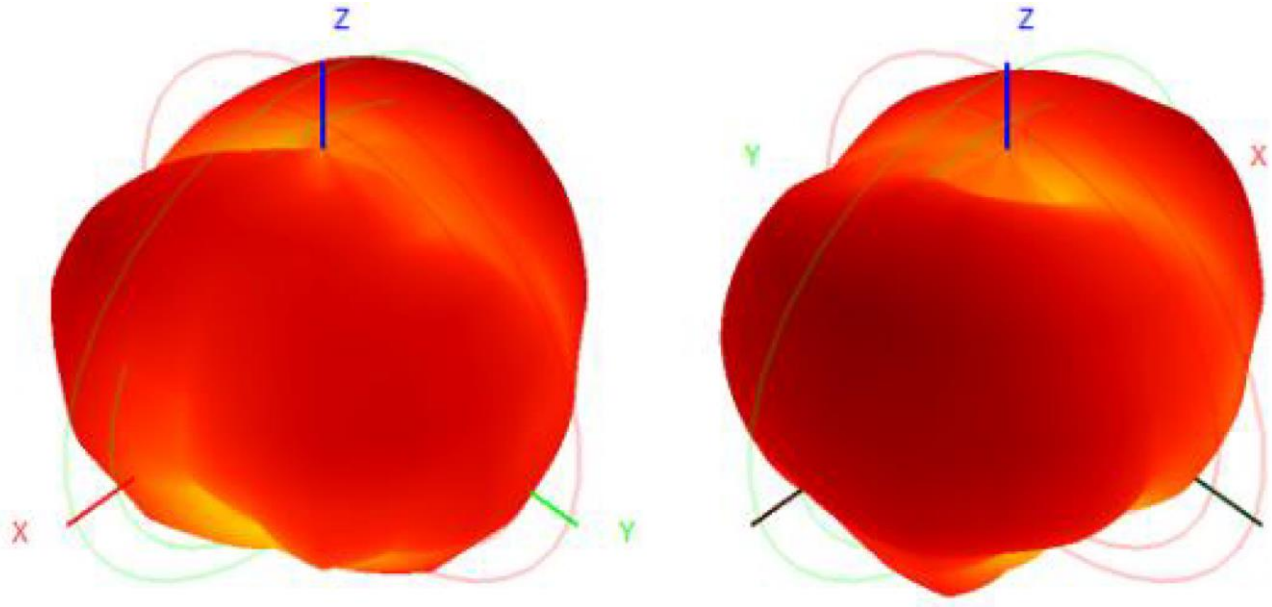
Address	1,North Xingye Road, Nantou, zhongshan, Guangdong, China
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Chain 0 Gain

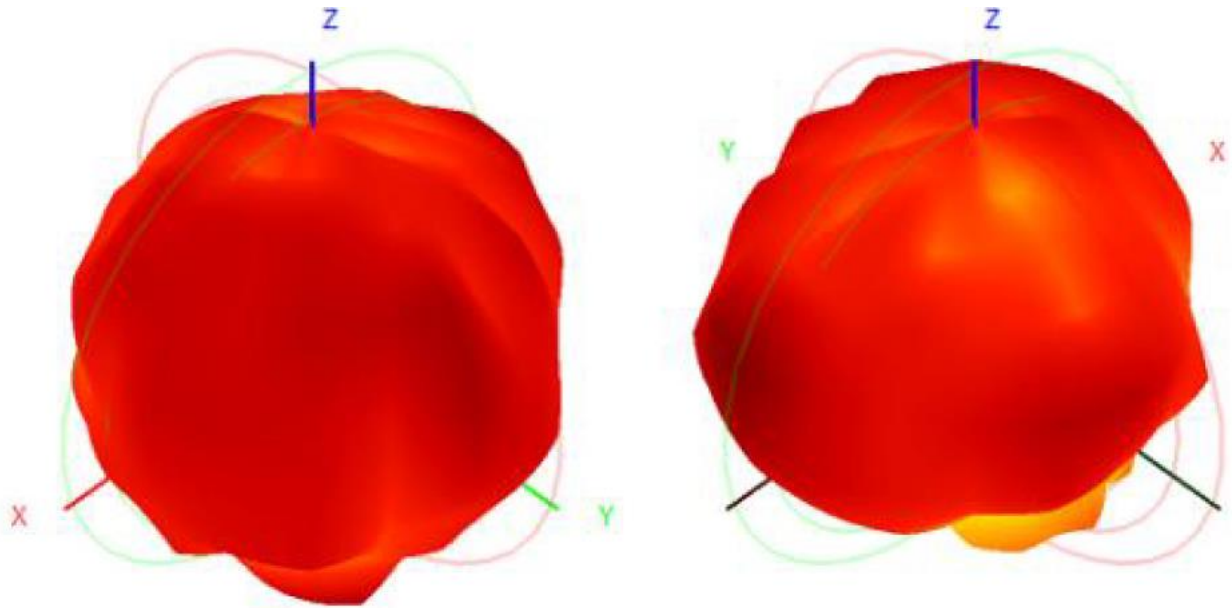
Frequency(MHz)	Gain(dBi)	Efficiency
2400	-0.83	37.51
2410	0.87	42.86
2420	1.20	53.12
2430	0.81	49.77
2440	0.71	48.62
2450	0.35	43.57
2460	0.11	42.18
2470	-0.09	41.06
2480	-0.21	40.31
2490	-0.48	39.68
2500	-0.51	39.76

Frequency(MHz)	Gain(dBi)	Efficiency
5150	1.58	28.76
5250	1.81	28.71
5350	2.43	27.59
5450	2.89	26.57
5550	3.25	25.68
5650	2.97	28.67
5750	2.68	29.18
5850	2.35	28.76

2420MHz



5550MHz



Specifications:

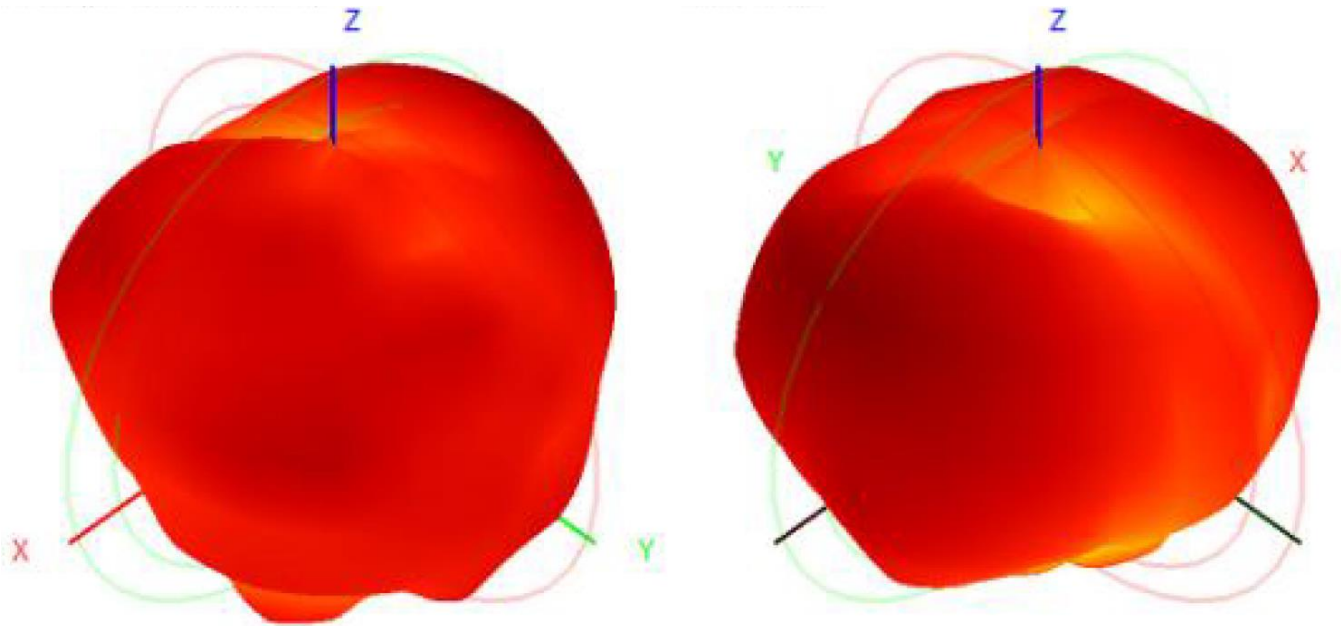
Item	Specification
type	PIFA Antenna
Model	Chain 1
Frequency Range	2400MHz~ 2500MHz 5150MHz~ 5850MHz
Gain	1.76dBi 3.55dBi
Manufacturer	Guangdong Changhong Electronics Co., Ltd.
Address	1,North Xingye Road, Nantou, zhongshan, Guangdong, China

Chain 1 Gain

Frequency(MHz)	Gain(dBi)	Efficiency
2400	-0.25	36.76
2410	0.93	39.43
2420	1.31	49.40
2430	1.76	46.29
2440	1.03	46.19
2450	0.89	40.96
2460	0.67	40.07
2470	-0.13	39.42
2480	-0.35	37.89
2490	-0.67	37.70
2500	-0.53	35.44

Frequency(MHz)	Gain(dBi)	Efficiency
5150	1.58	28.18
5250	1.81	28.14
5350	2.43	27.04
5450	2.89	26.04
5550	3.25	25.17
5650	2.97	28.10
5750	2.68	28.60
5850	2.35	28.18

2430MHz



5450MHz

