

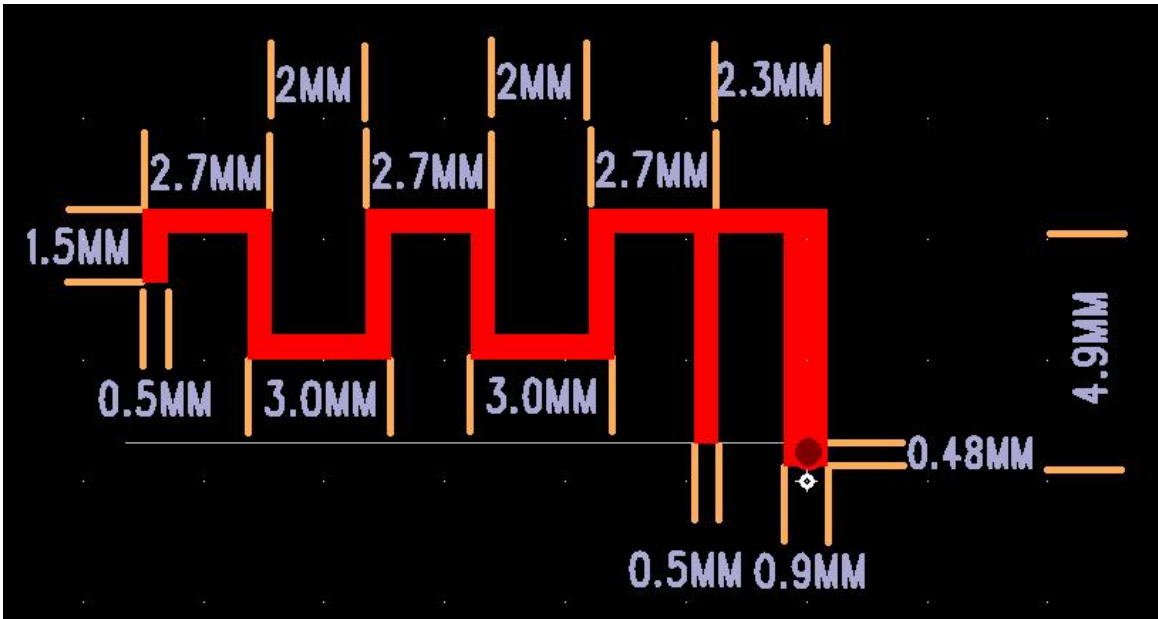
Antenna Describe

1: Antenna Describe

ITEM	ANT SPEC		
Model Name	2.4G ANT		
Antenna plate	PCB antenna		
Center Frequency	2400MHz	2450MHz	2500MHz
	6.97dBi	5.03dBi	3.91dBi
MAX. Gain	6.97dBi		
Polarization	Horizontal and Vertical		
Impedance	50Ohm		
Manufacture	Shenzhen Bluetrum Technology Co., Ltd.		
Address:	13th Floor, Unit 1, Building A, Wisdom Plaza, No. 4068, Qiaoxiang Road, Gaofa Community, Shahe Sub-district, Nanshan District, Shenzhen City		

2: External View Drawing

Picture of antenna

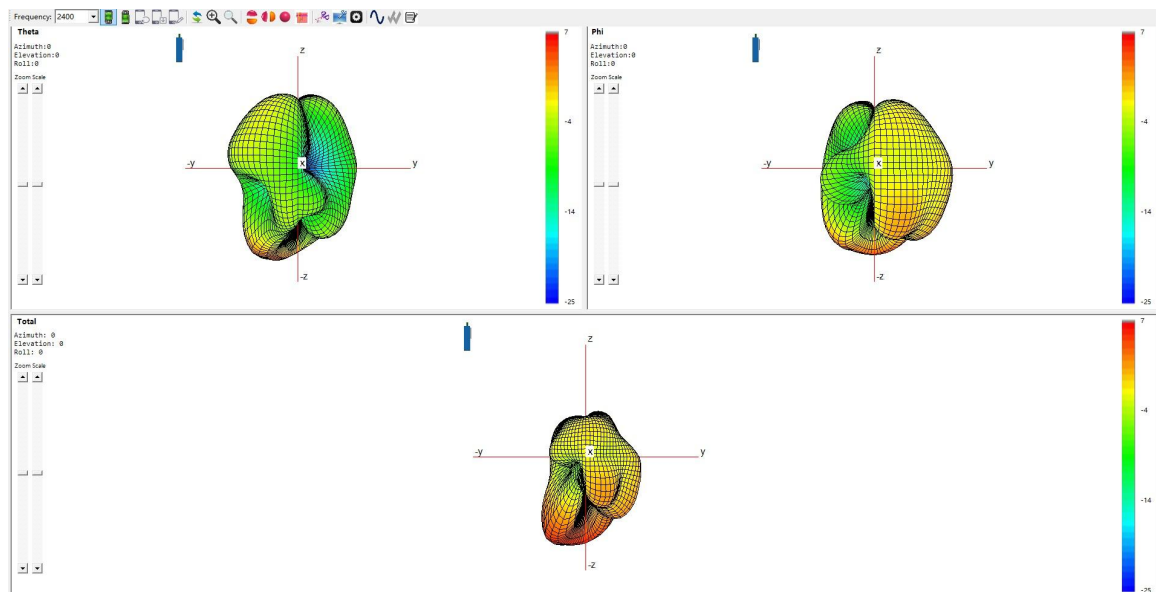


Frequency (MHz)	Gain(dBi)			
	Horizontal		Vertical	
	MAX	MIN	MAX	MIN
2400	6.97	-19.88	4.06	-24.48
2450	5.03	-19.11	2.05	-28.76
2500	3.91	-20.84	0.83	-24.09

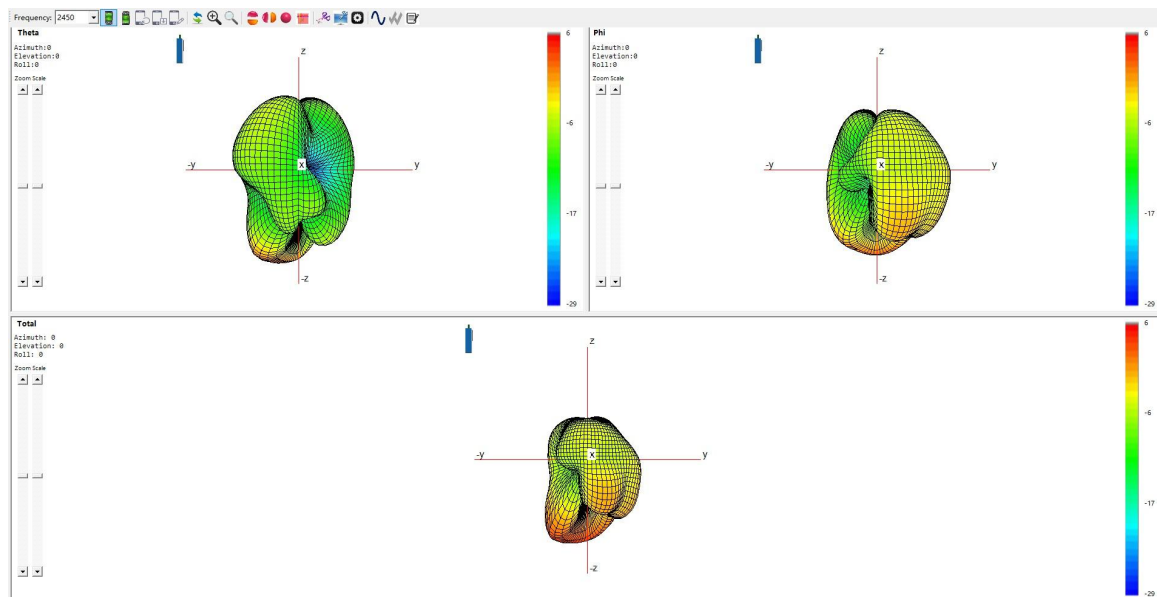
3: Measurement Result

Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	6.97	0.29	106.84
2410	6.64	-0.17	96.19
2420	5.99	-0.90	81.27
2430	5.30	-1.63	68.65
2440	5.32	-1.61	68.95
2450	5.03	-1.88	64.90
2460	4.42	-2.39	57.68
2470	4.09	-2.68	54.01
2480	3.76	-2.99	50.21
2490	3.63	-3.05	49.50
2500	3.91	-2.68	53.89

2400MHz:



2450MHz:



2500MHz

