

Antenna specification

model Name: BK3437

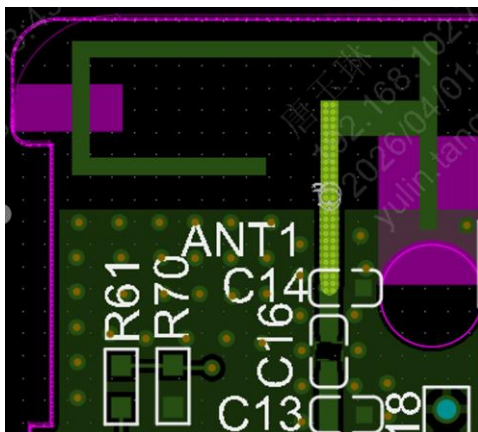
Manufacturer:Beken Corporation

Adress:Room 101 (Duplex) 2F-3F / 102, Building 41, No. 1387

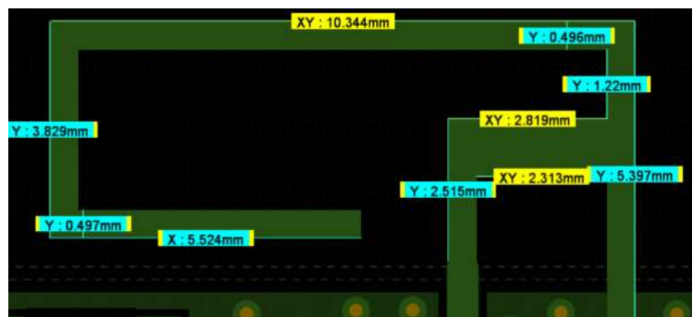
Zhangdong Road, China (Shanghai) Pilot Free Trade Zone,
Shanghai, China

1. Electrical Characteristics

NO.	Item	Specifications
1	Working Central Frequency	2404~2480MHz
2	Band Width	100MHz (2404~2480MHz)
3	Gain	-2.7dBi
4	Polarization	Linear
5	Azimuth Beam width	Omni-directional
6	Impedance	50Ω



BT PCB ANTENNA DIMENSIONS:



2. Return Loss and Smith Chart

Return Loss

Current



Smith Chart

3. Antenna Dimension

XW3437 A			
频率	效率 (db)	效率	增益
2400	-6.77	21.04	-3.0
2410	-6.57	22.03	-2.8
2420	-6.48	22.50	-2.7
2430	-6.47	22.53	-2.7
2440	-6.61	21.85	-2.8
2450	-6.81	20.84	-3.2
2460	-7.22	18.99	-3.7
2470	-7.70	16.99	-4.3
2480	-8.14	15.33	-4.8
2490	-8.72	13.42	-5.4
2500	-9.36	11.58	-6.0

4. Test 3D graphics

