

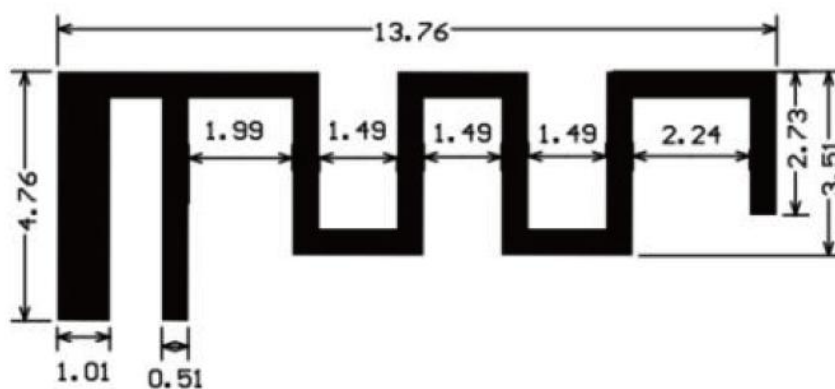
Antenna spec

1.Antenna Description:

Antenna type	PCB Antenna
Model	Z2254-S
Frequency range	2400MHz~2450MHz
Manufacturer	Hangzhou Tuya Information Technology Co.,Ltd
Address	Room 701,Building 3,More Center,No.87 GuDun Road.Hangzhou, Zhejiang,China

2. Antenna Photo:

Unit:mm

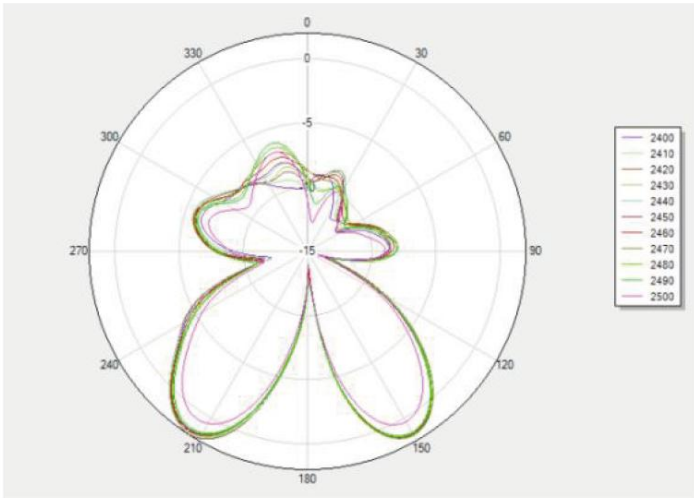


3. Antenna Efficiency and Gain:

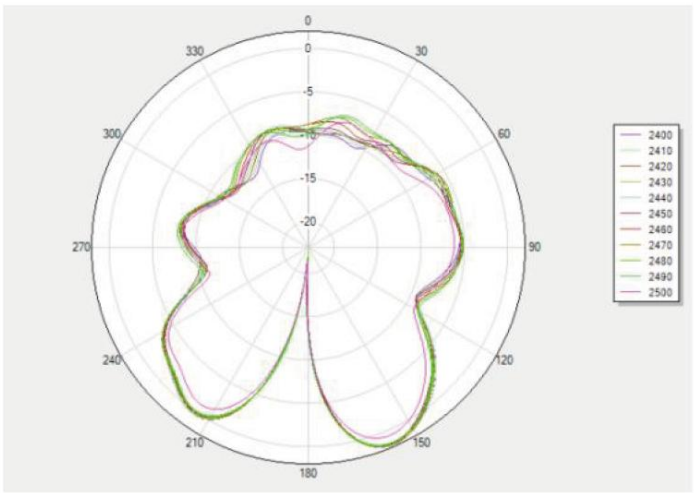
Frequency (MHz)	Peak Gain (dBi)	Efficiency (%)
2400	2.11	32.36
2410	2.18	32.3
2420	2.21	32.1
2430	2.06	32.4
2440	2.07	32.9
2450	1.91	30.9
2460	2.04	30.8
2470	2.09	30.7
2480	1.98	31.6
2490	1.91	30.6
2500	1.03	30.5

Radiation Pattern

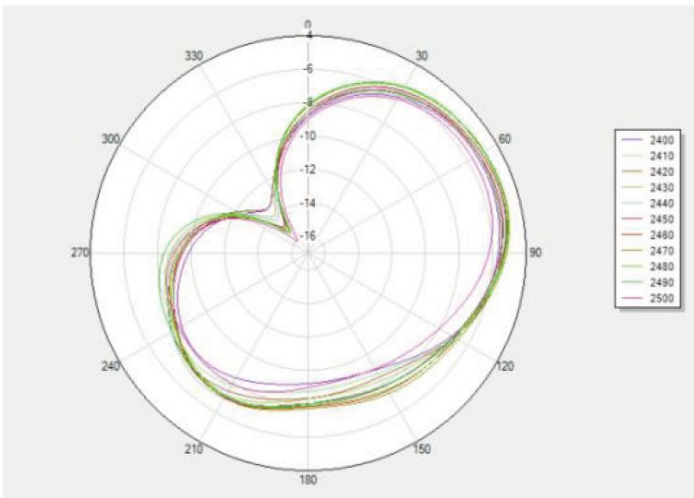
Phi 0 2D



Phi 90 2D



Theta 90 2D



2440MHz 3D

