

Mouse Antenna Specification

Mouse PCB Antenna

The Mouse antenna adopts the ultra-small PCB antenna, and because of the limited area of PCB, the gain of antenna will be smaller than that of the other antennas. The communication distance can reach about 15 ~ 20 meters. The size of the Keyboard Module PCB antenna is 15.25 * 3.0mm, and the thickness of PCB is 1.6mm. The specific size of the antenna is shown in figure 1

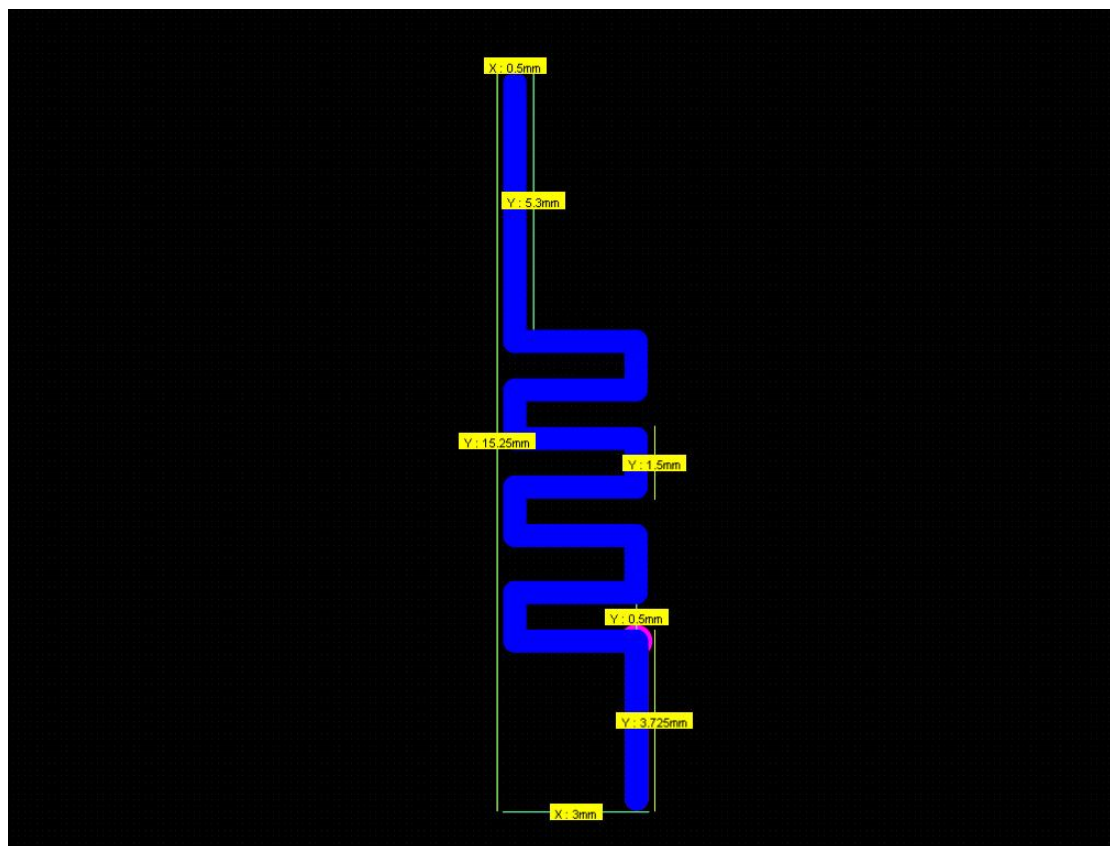
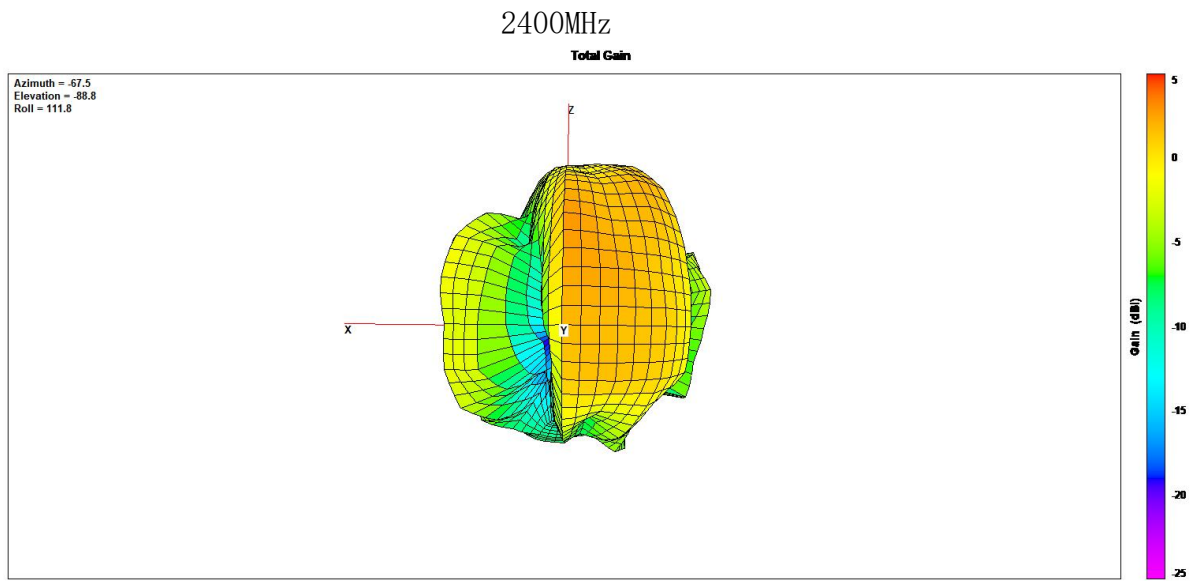


Figure1 Keyboard Antenna size

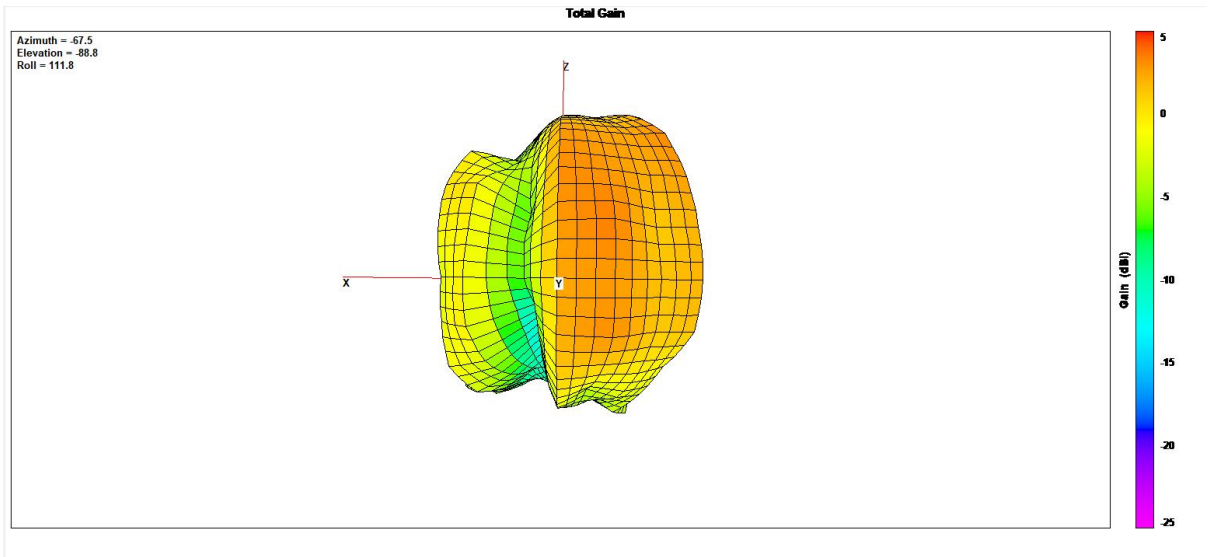
Gain and Efficiency

Frequenc y	Gain (dBi)	Efficiency (%)
2400MHz	2.05	38
2410MHz	2.44	45
2420MHz	2.37	44
2430MHz	2.56	47
2440MHz	3.01	48
2450MHz	3.05	45
2460MHz	2.49	43
2470MHz	2.38	41
2480MHz	2.25	44
2490MHz	2.33	38
2500MHz	2.19	39

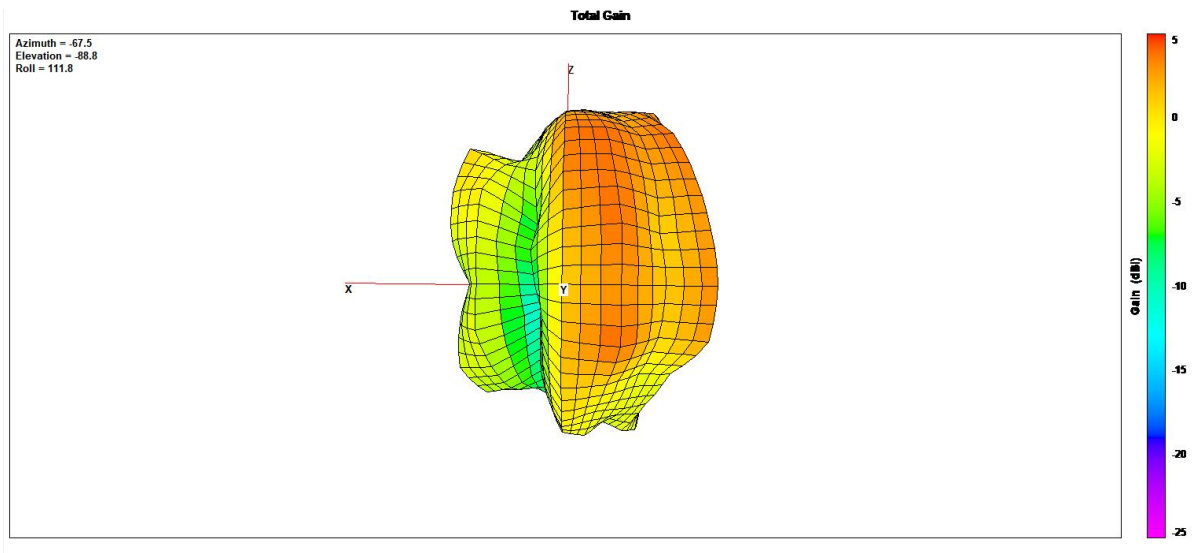
3D Pattern



2450MHz

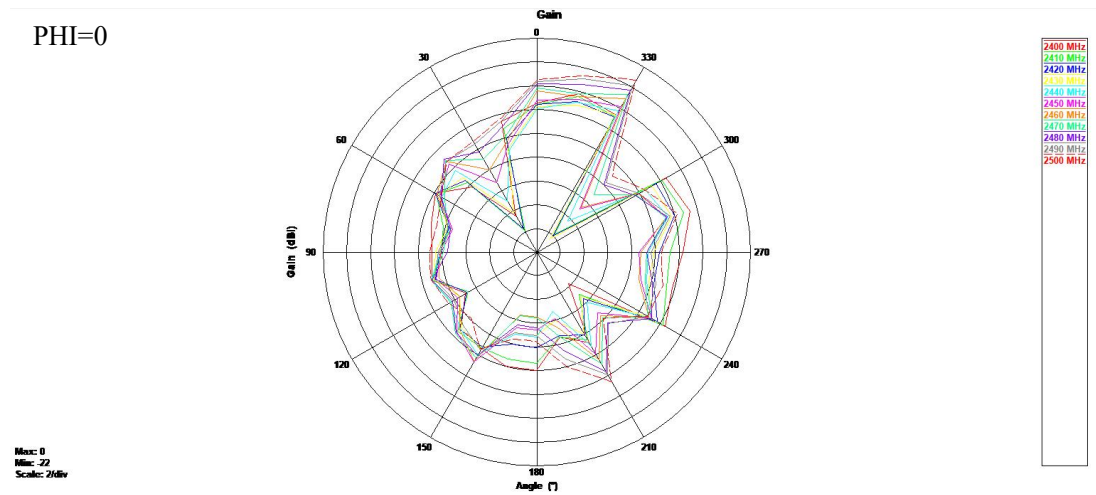


2500MHz

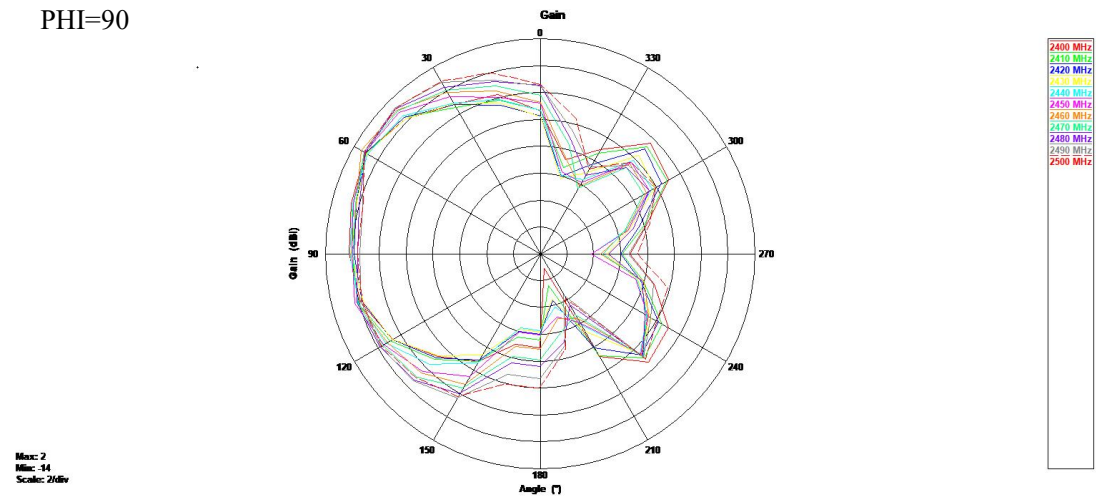


1D Radiation Pattern

PHI=0



PHI=90



THETA=90

