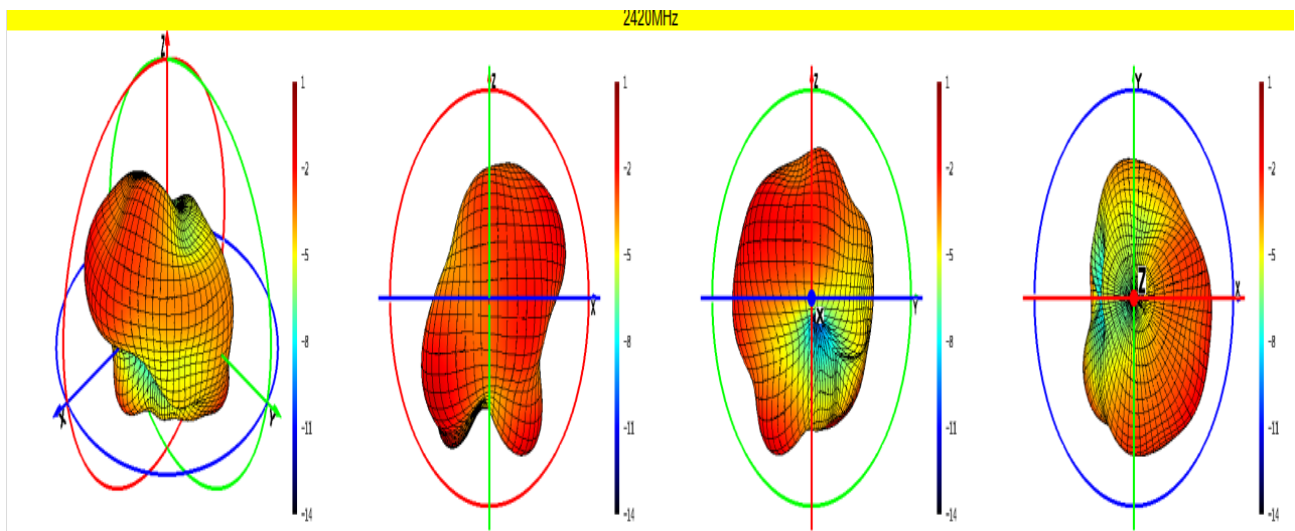


1. Antenna Describe

Antenna plate	Monopole antenna
Model Name	N-21
Antenna Gain	-0.65
Frequency Rang	2.402 ~ 2.480GHz
Connector Type	Fixed
Company Name	PINGOC NOW SL

2. Antenna Radiation Pattern



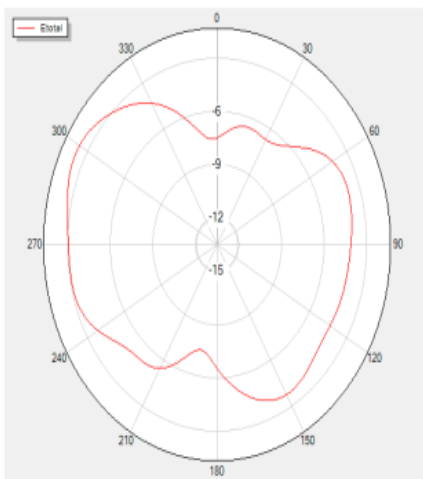
Freq(MHz)	Gain(dB)	Efficiency(dB)	Efficiency(%)
2400	-0.50	-7.78	16.66
2410	-0.65	-7.94	16.09
2420	-0.76	-8.06	15.64
2430	-0.73	-7.95	16.01
2440	-0.82	-7.92	16.14
2450	-0.97	-8.01	15.81
2460	-1.15	-8.19	15.18
2470	-1.25	-8.26	14.93
2480	-1.33	-8.21	15.09
2490	-1.39	-8.26	14.94
2500	-1.67	-8.49	14.17

Device : BT PCB Antenna 0.5 x 10.5mm.

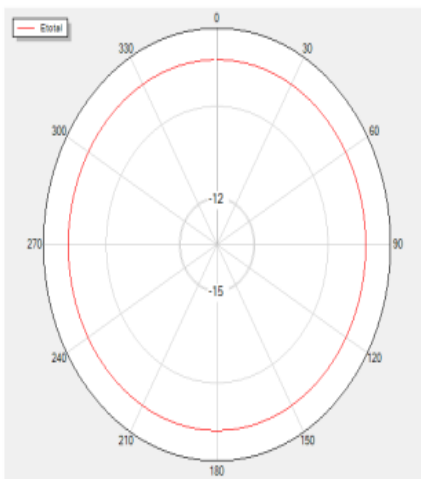
Antenna Pattern

Vertical:

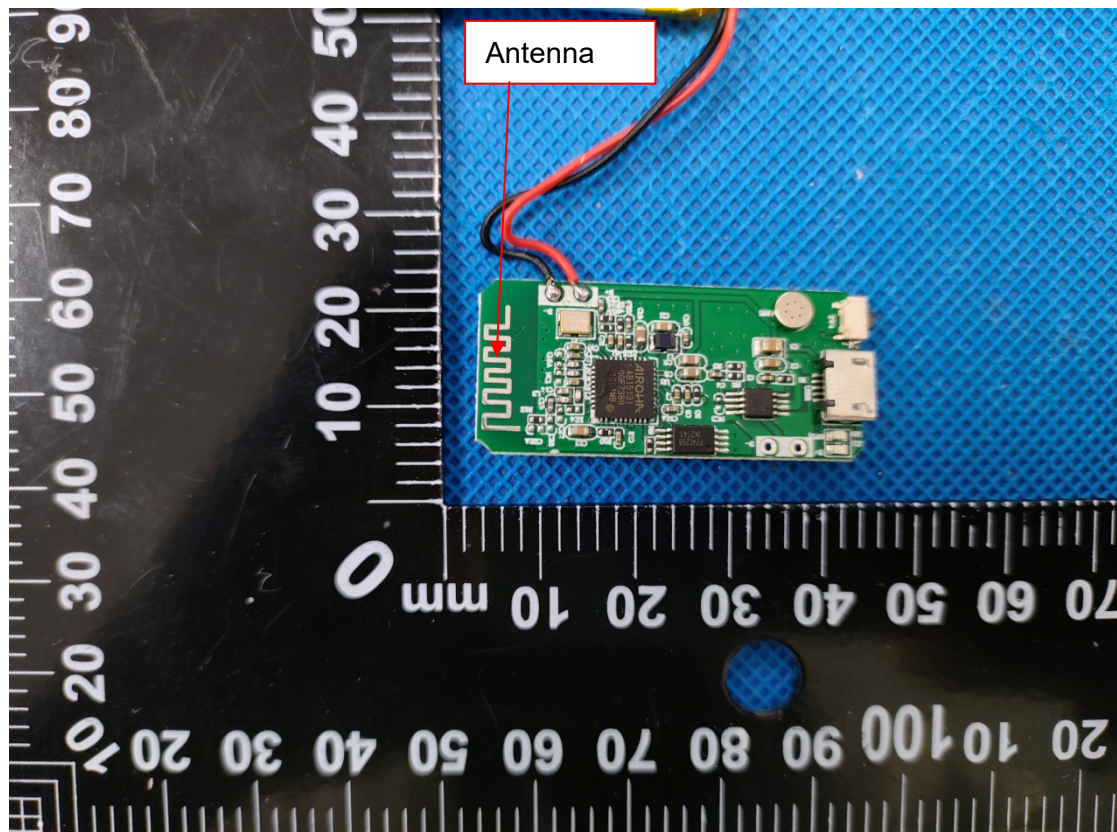
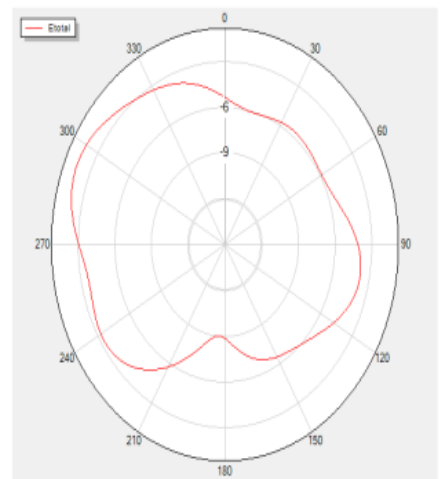
Phi=90 Freq=2420MHz



Theta=0 Freq=2420MHz

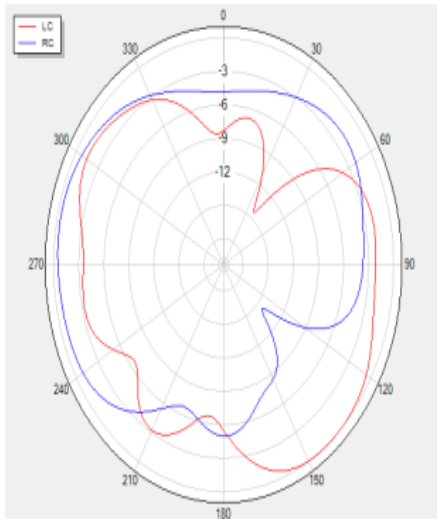


Theta=90 Freq=2420MHz

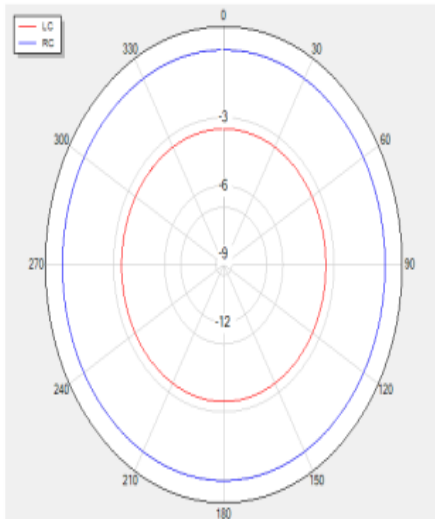


Horizontal:

Phi=90 freq=2420MHz



Theta=0 freq=2420MHz



Theta=90 freq=2420MHz

