

1 Antenna specification

Antenna name	2.4G ANT
Antenna type	PCB Antenna
Manufacturer's name	Linking technology,Co.,Inc.
Address	2F, Building 5, Lihe Industrial Park, No. 1055 Songbai Road, Nanshan District, Shenzhen

Gain and Efficiency

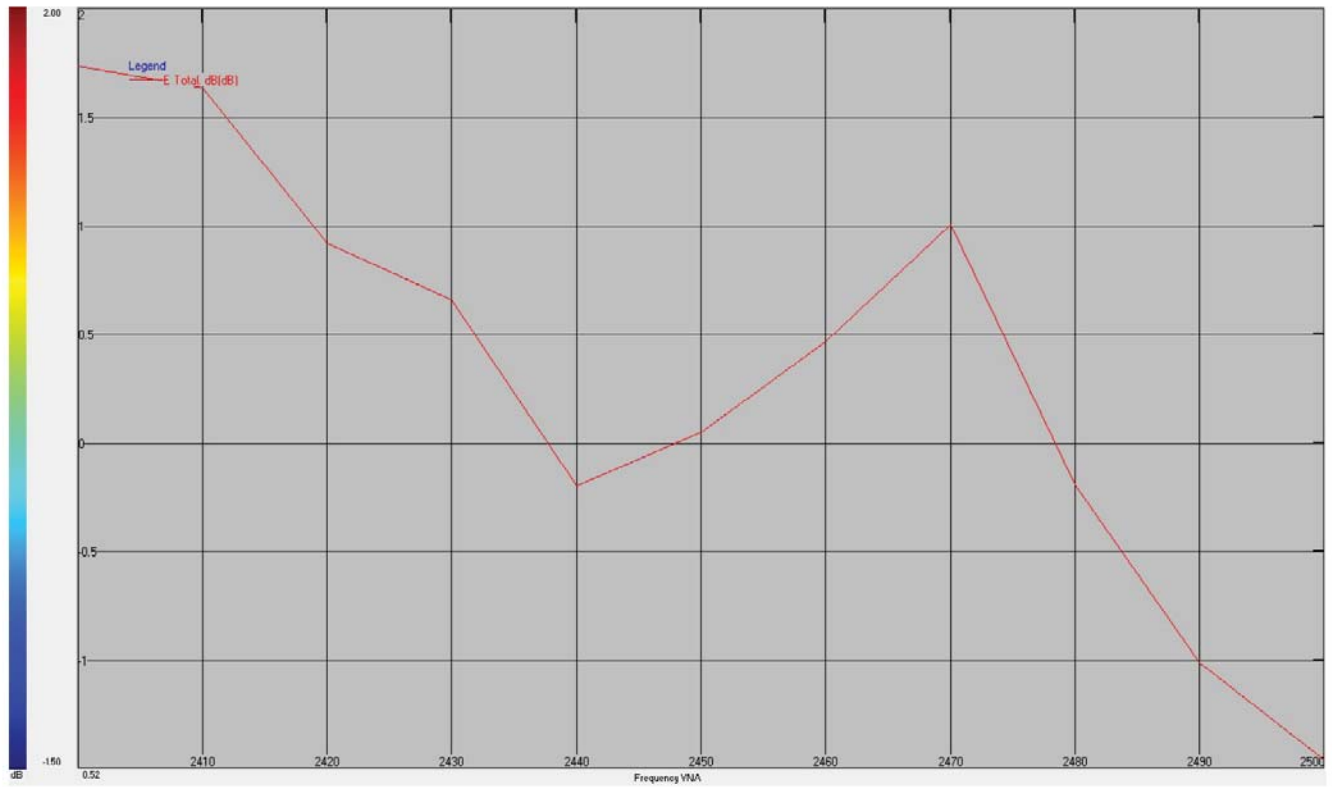
Frequency	Gain	Efficiency
2400	1.74	26.71%
2410	1.64	28.80%
2420	0.92	25.43%
2430	0.66	22.29%
2440	-0.19	18.31%
2450	0.05	20.58%
2460	0.47	24.64%
2470	1.01	25.20%
2480	-0.19	20.57%
2490	-1.01	19.25%
2500	-1.46	17.195

2 Return loss:

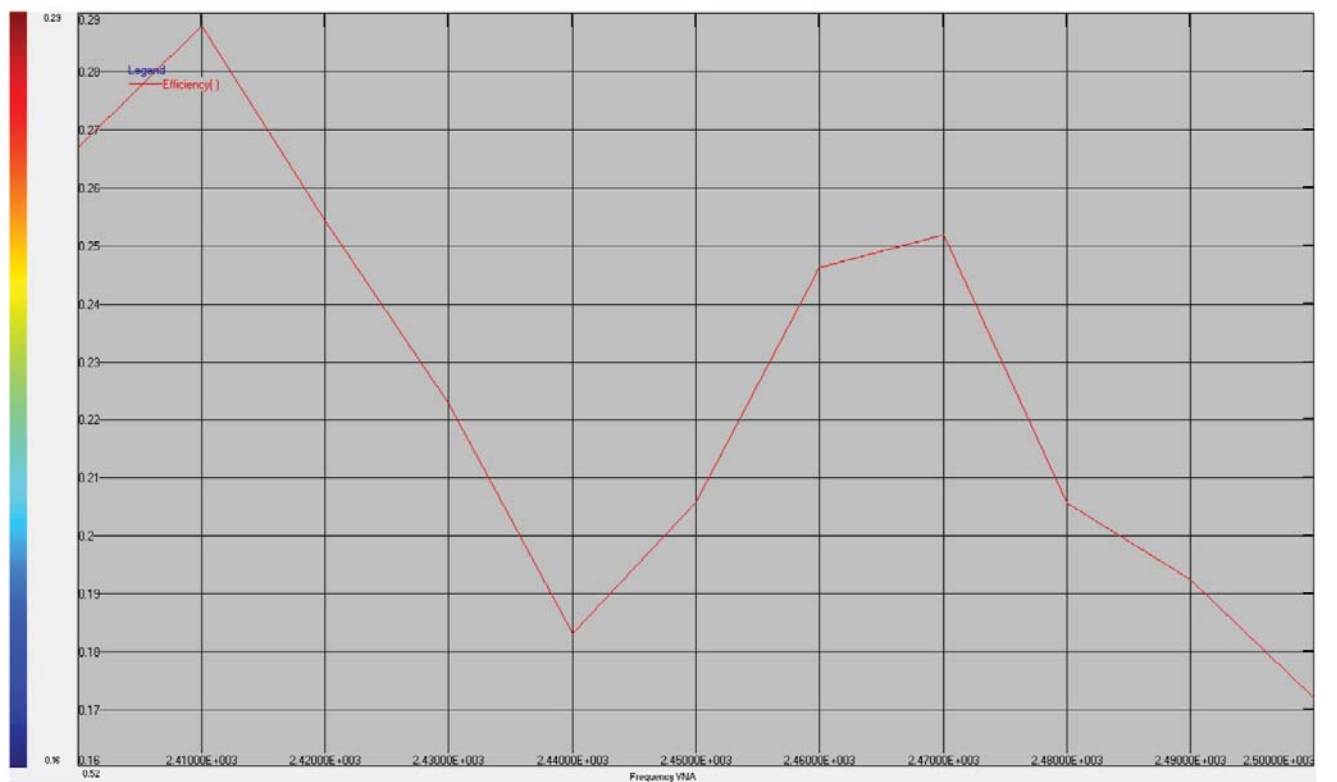
Frequency	Voltage standing wave ratio
2400MHz	-7.23
2450MHz	-5.67
2500MHz	-4.22

3 Antenna test radiation pattern:

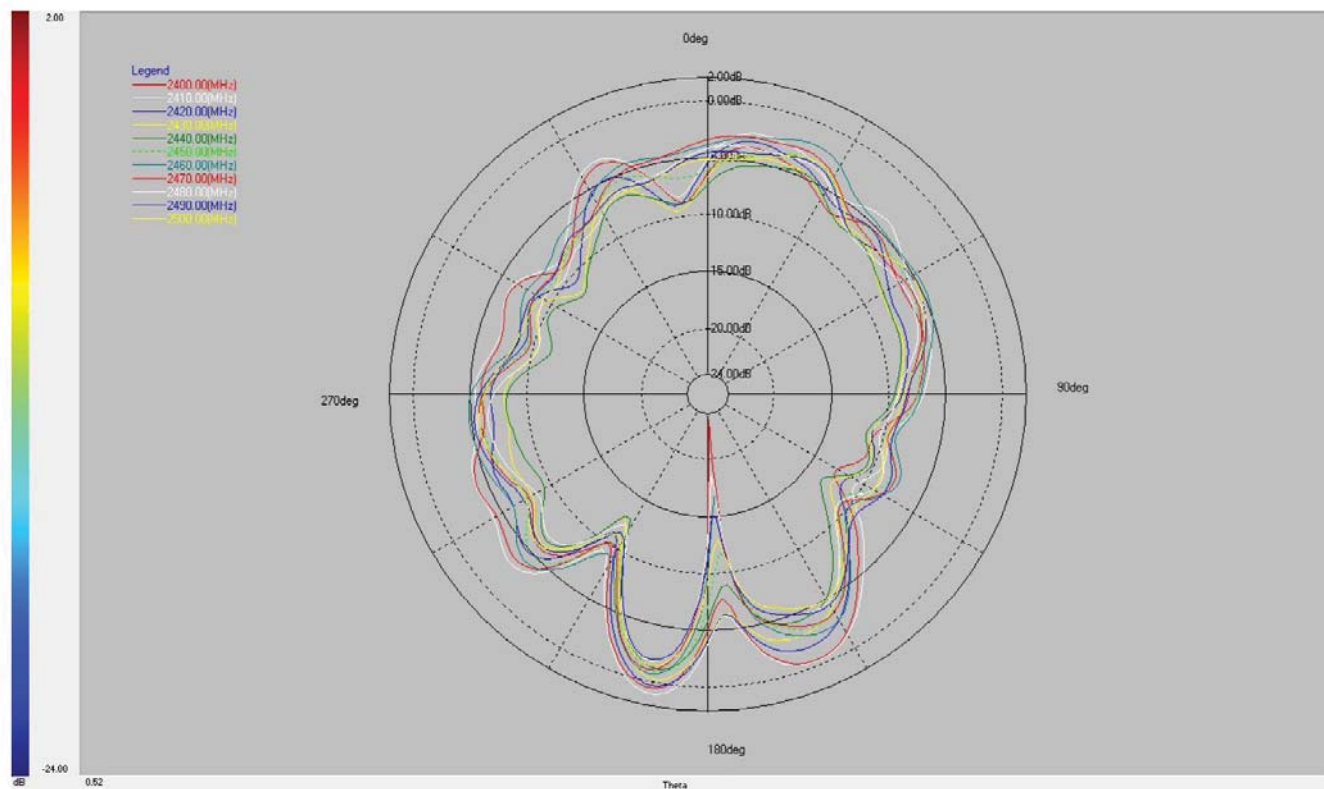
a) Gain



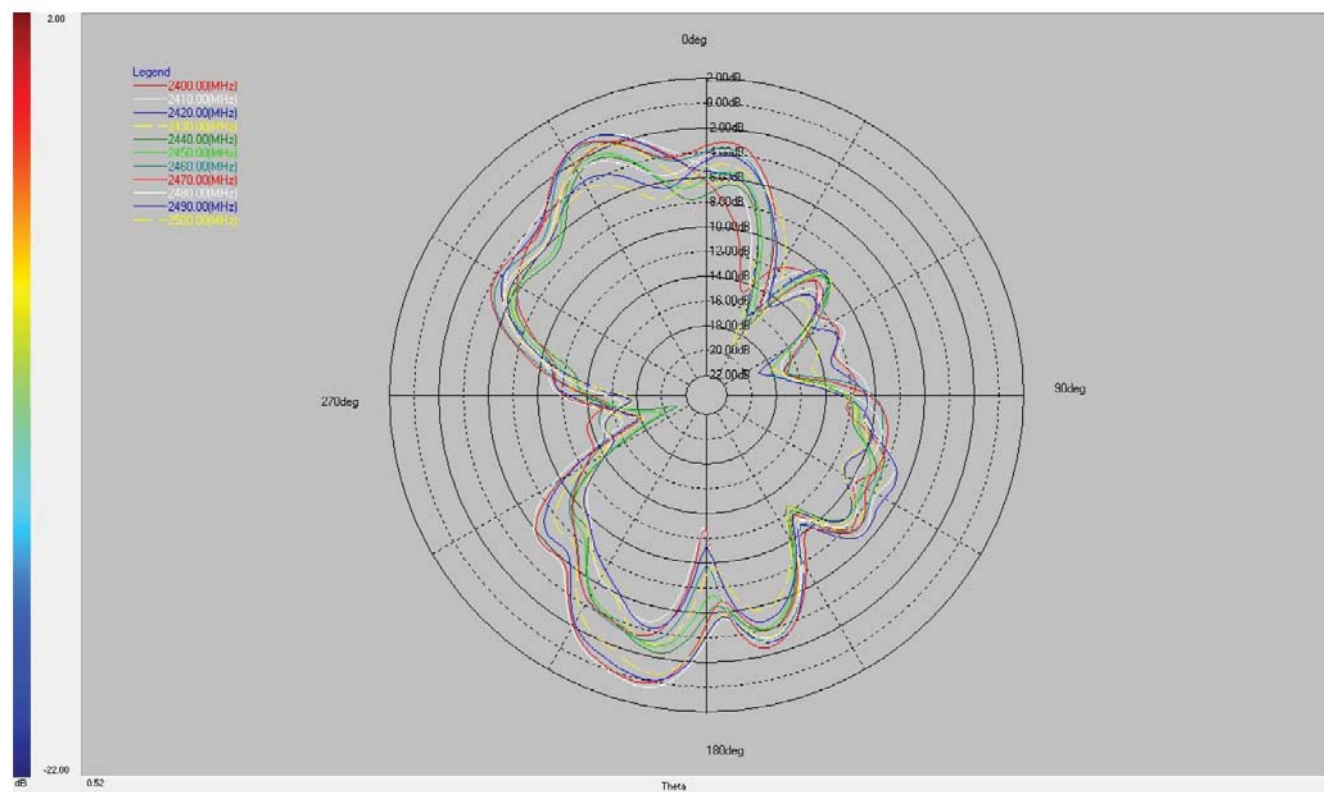
b) Efficiency



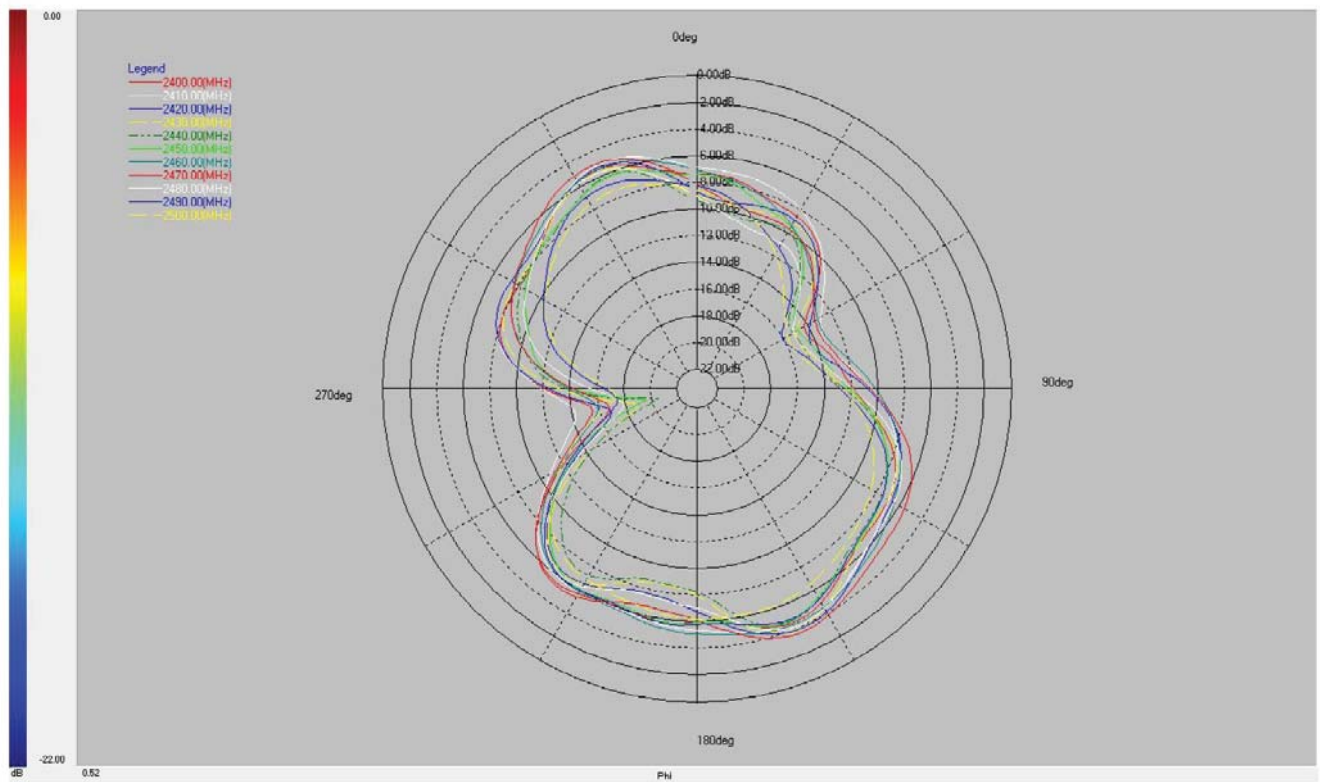
c) $\Phi=0$ 度



d) $\Phi=90$ 度



e) Theta=90 度



4 Antenna size diagram

