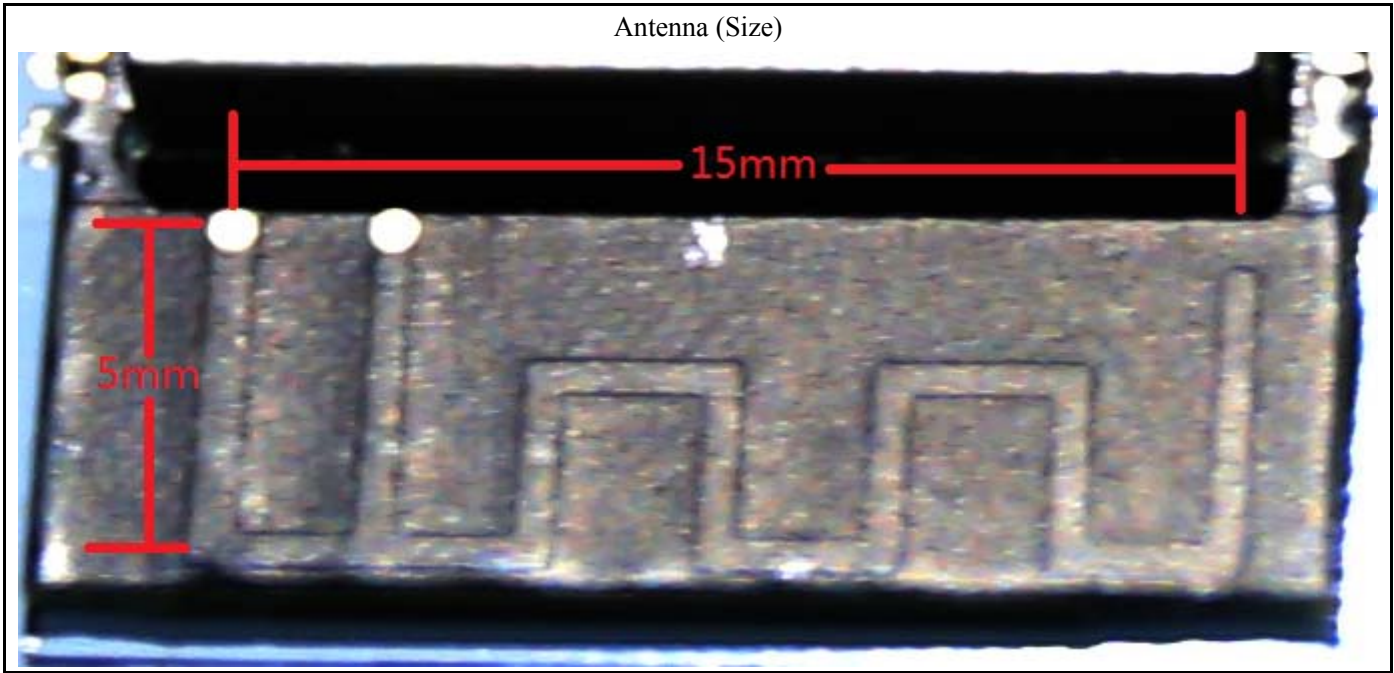


Antenna Report

Specification		
Dimensions	15* 5（mm）	L*Ø
Impedance	50Ω	
Test environment	Free space	
Spectrum	WIFI	
Freq. Range	2.4-2.5GHz	
Antenna type	PCB Antenna	
VSWR	2.4-2.5GHz < 2.0	
Gain	2.0dBi(Peak gain)	
Model	TS4.0	
Brand	N/A	
Manufacturer	PROSPACE PTE. LTD.	

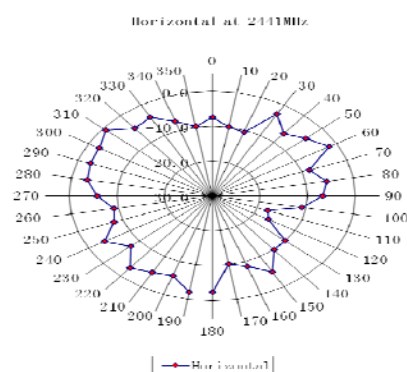
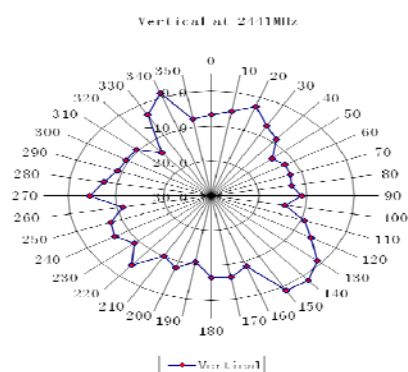
Antenna (Size)



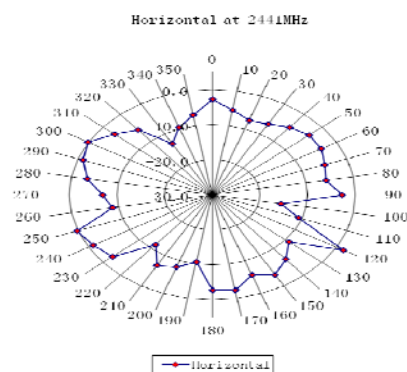
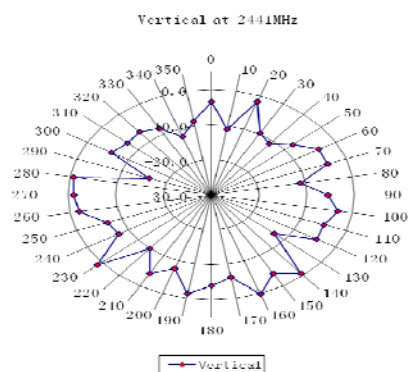
Frequency(MHz)	Efficiency(dB)	Efficiency(%)	Gain(dBi)
2400	-8.3165	4.69123	0.32006
2410	-3.1475	4.36149	-2.57013
2420	-10.4376	5.04317	-1.36970
2430	-10.1367	5.16930	0.39471
2440	-13.3641	5.01814	-3.30146
2450	-7.52634	4.18453	-2.36415
2460	-9.16987	3.96030	-2.03694
2470	-7.16425	3.16942	-3.64651
2480	-5.63610	5.29210	2.00313
2490	-10.00267	4.07661	-1.34823
2500	-10.36941	5.13654	-0.89160

POLAR RADIATION PATTERN

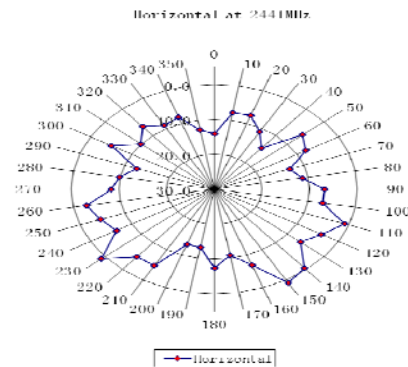
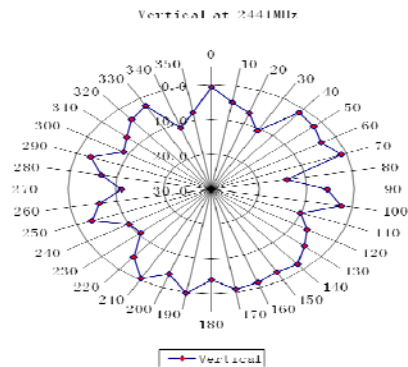
THETA=90



PHI=0



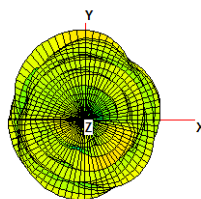
PHI=90



3D RADIATION PATTERN

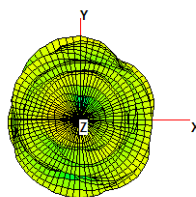
FREQUENCY=2400MHZ

Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



FREQUENCY=2450MHZ

Azimuth = 0.0
Elevation = 0.0
Roll = 0.0



FREQUENCY=2500MHZ

Azimuth = 0.0
Elevation = 0.0
Roll = 0.0

