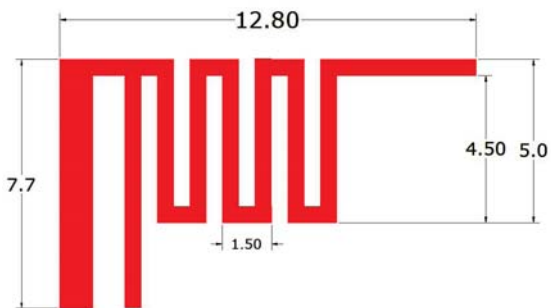


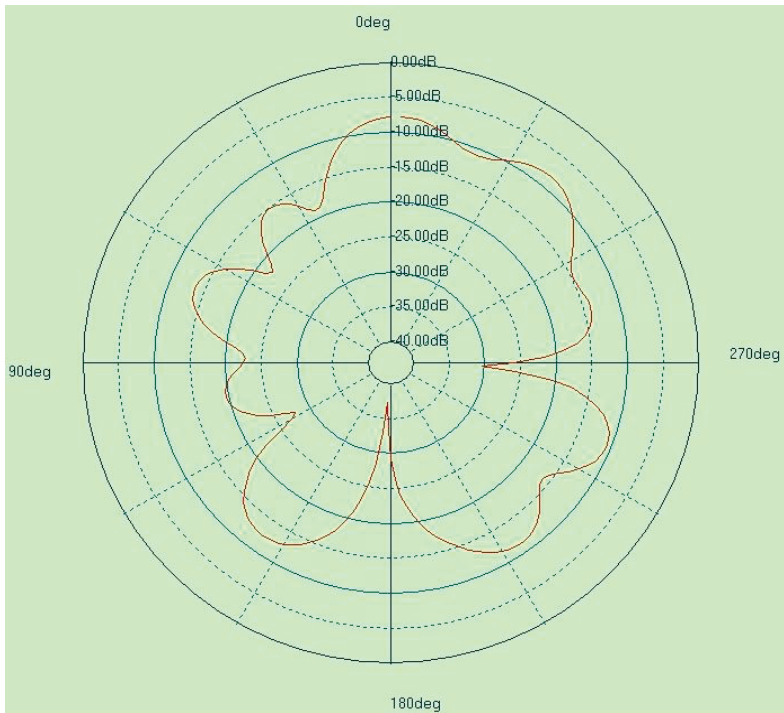
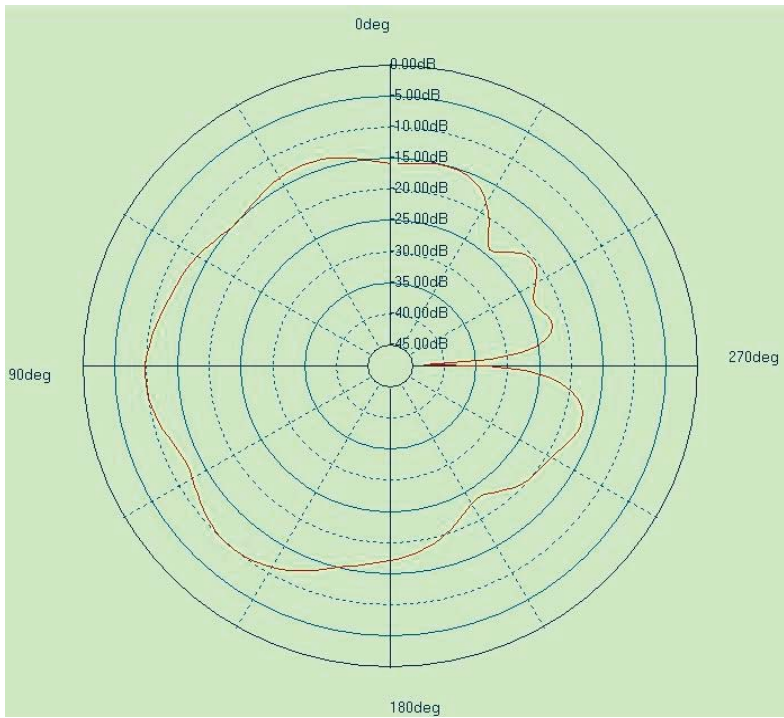
Antenna Specification

Item	Spec		
Model Name	IBM 2.4GHz		
Frequency	Maximum ant gain (dBi)	Minimum ant gain (dBi)	
2402MHz	Horizontal	-7.30	-19.54
	Vertical	-7.85	-22.21
2440MHz	Horizontal	-7.52	-28.65
	Vertical	-7.55	-20.36
2480MHz	Horizontal	-7.53	-29.69
	Vertical	-7.80	-20.50
Impedance	50 Ohm		
Antenna Length	36.0 mm		

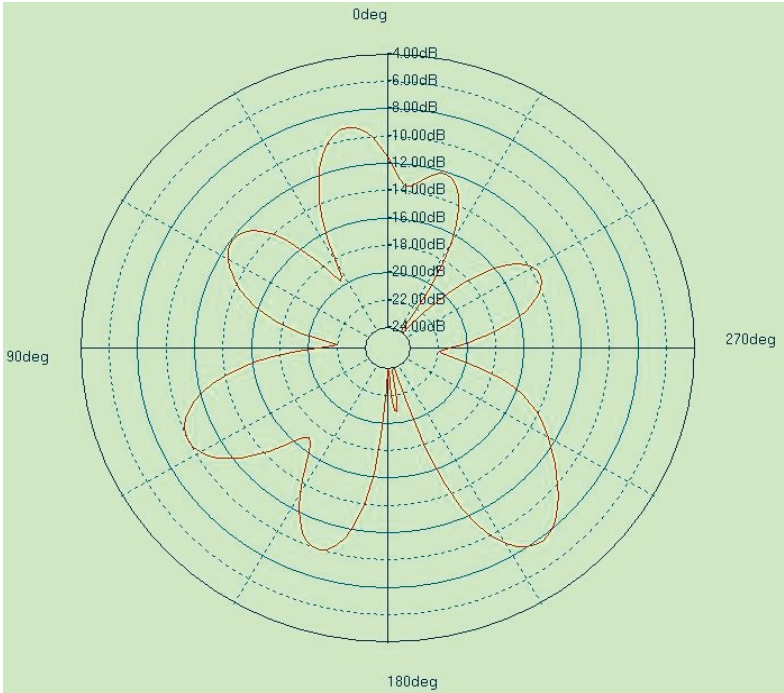
Antenna Photo & Length (mm)



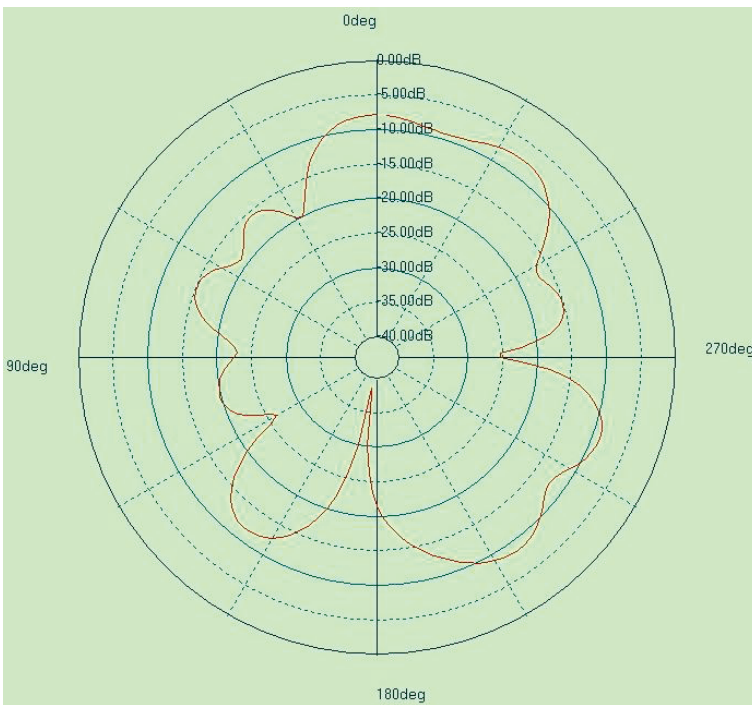
Theta=90 XY	
2402MHz	Peak gain(dBi)
H cut	-9.81
V cut	-7.85
Total	-5.23



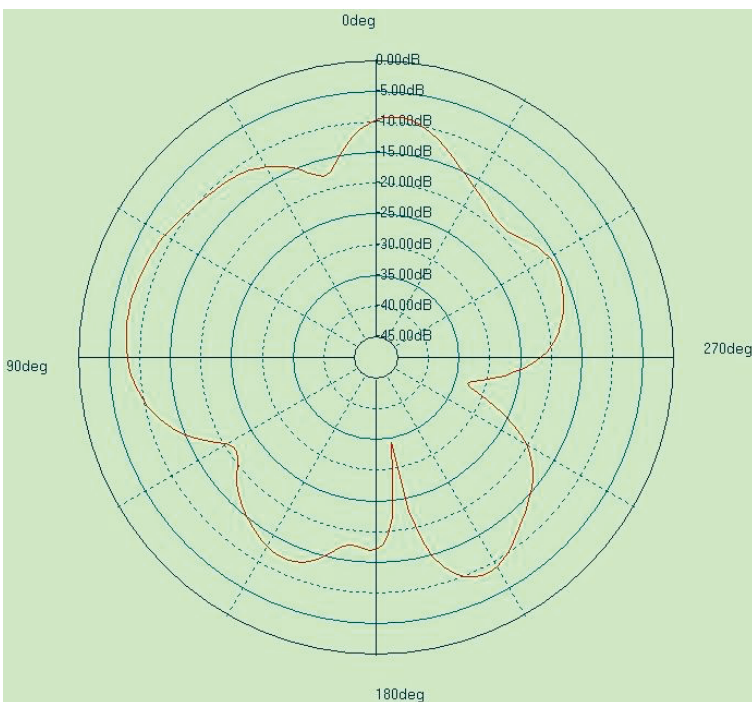
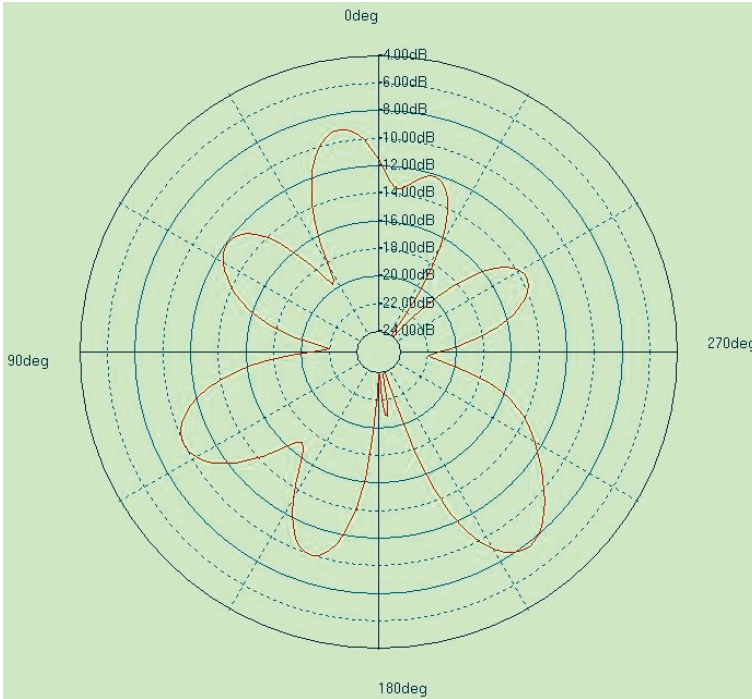
Phi=0 XZ	
2402MHz	Peak gain(dBi)
H cut	-7.30
V cut	-7.90
Total	-5.32



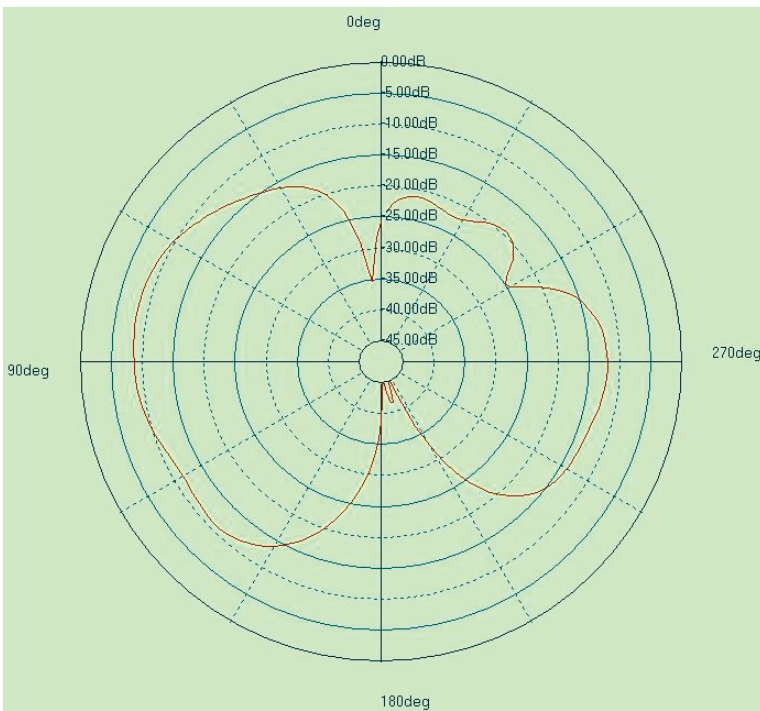
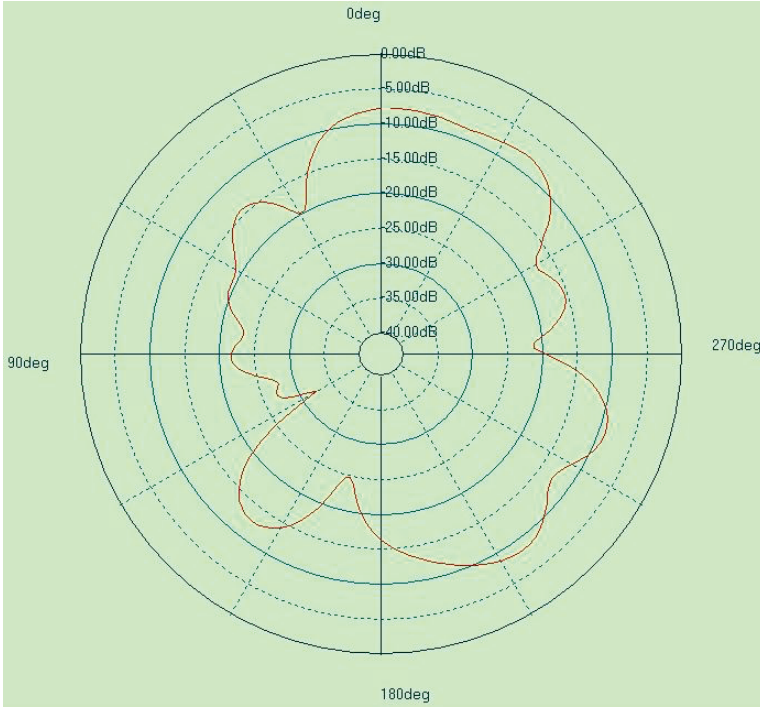
Theta=90 XY	
2440MHz	Peak gain(dBi)
H cut	-8.70
V cut	-7.55
Total	-7.20



Phi=0 XZ	
2440MHz	Peak gain(dBi)
H cut	-7.52
V cut	-7.78
Total	-5.91



Theta=90 XY	
2480MHz	Peak gain(dBi)
H cut	-8.37
V cut	-7.80
Total	-5.58



Phi=0 XZ	
2480MHz	Peak gain(dBi)
H cut	-7.53
V cut	-9.44
Total	-6.71

