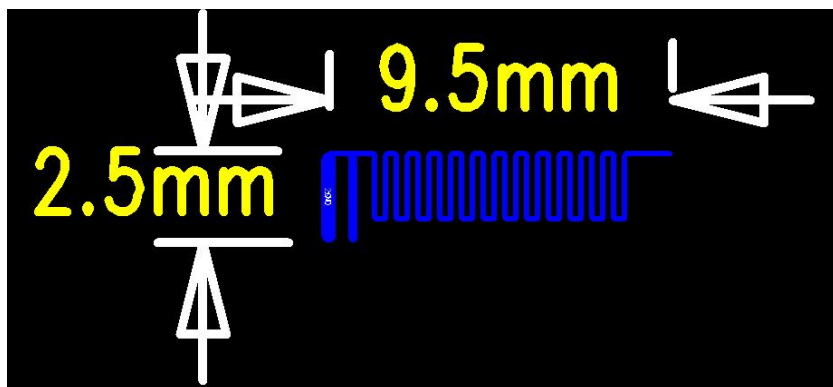


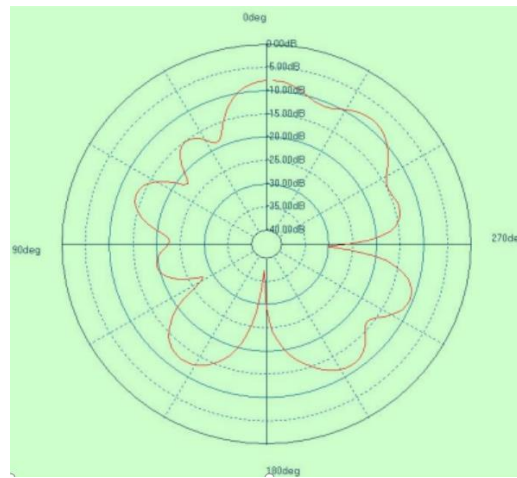
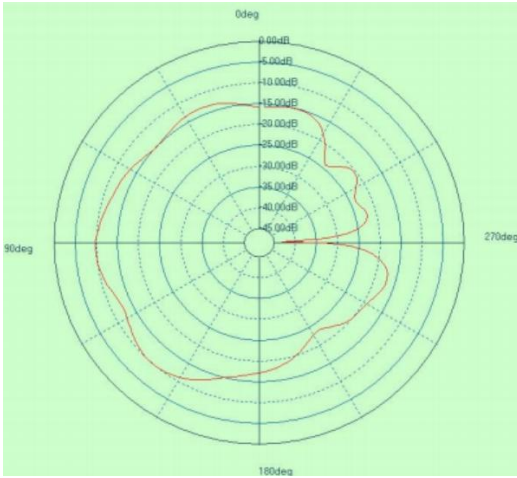
Antenna Specification

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	60.0 mm		

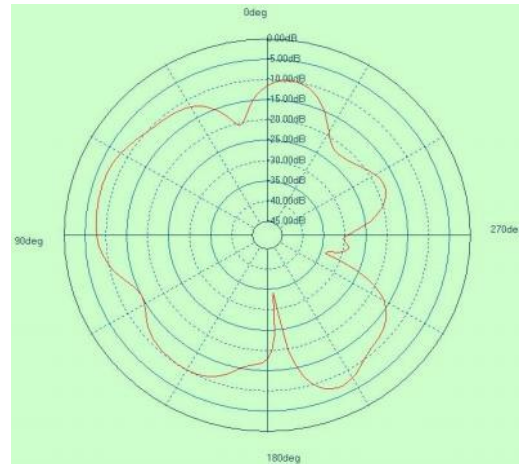
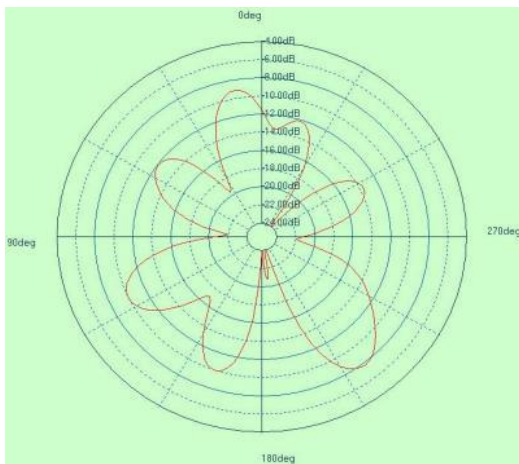
Antenna Photo & Length



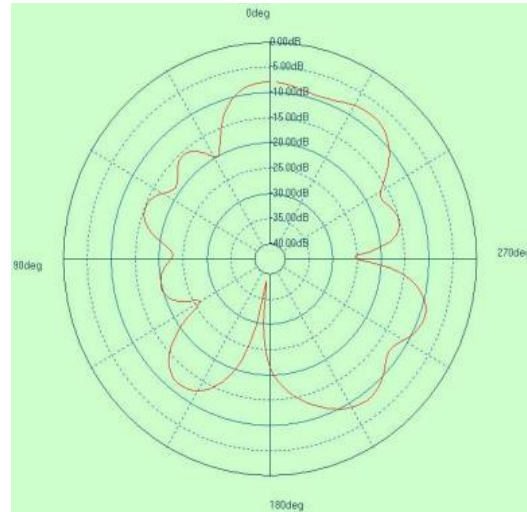
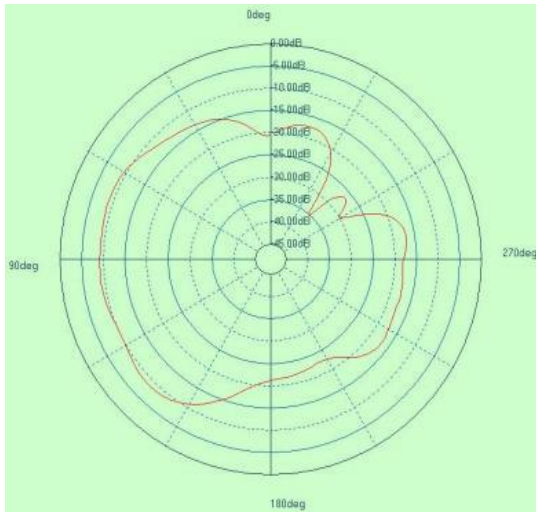
Theta=90 XY			
2402MHz	H cut	V cut	Total
Peak gain(dBi)	-9.81	-7.85	-5.23



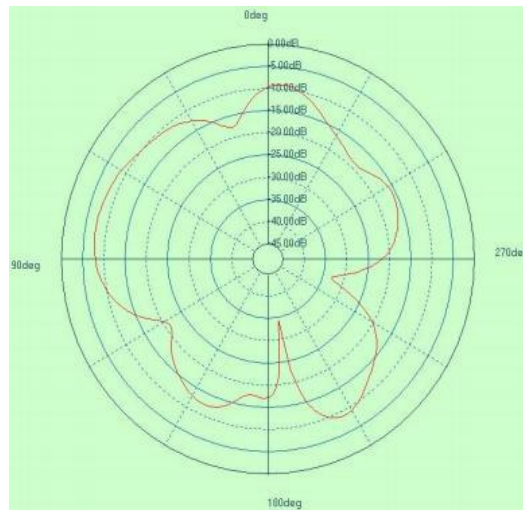
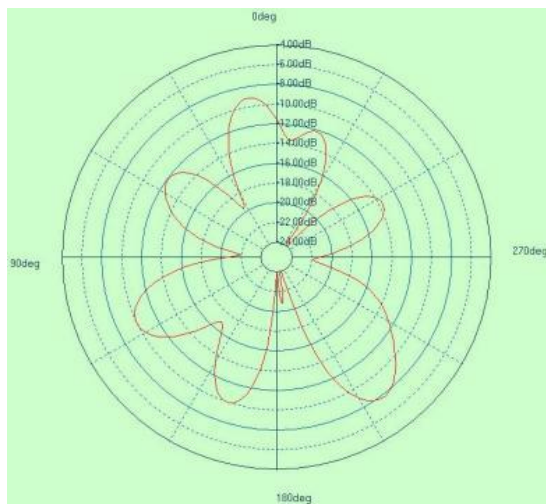
Phi=0 XZ			
2402MHz	H cut	V cut	Total
Peak gain(dBi)	-7.30	-7.90	-5.32



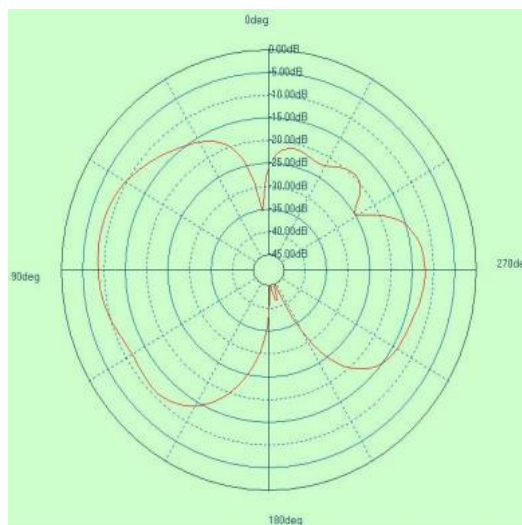
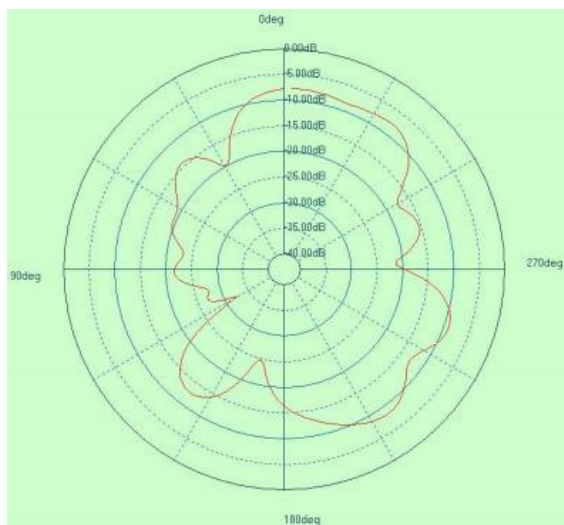
Theta=90 XY			
2440MHz	H cut	V cut	Total
Peak gain(dBi)	-8.70	-7.55	-7.20



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



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



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

