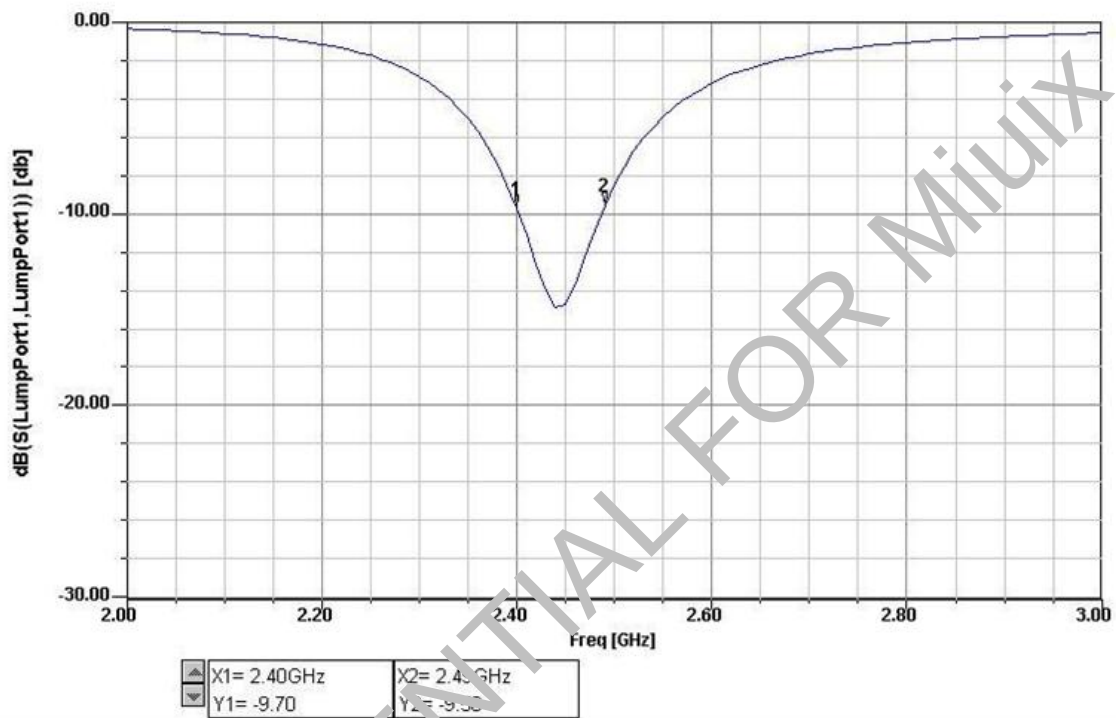


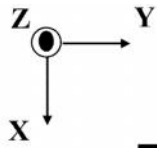
3.7 ANTENNA SPECIFICATION:

3.7.1 RETURN LOSS

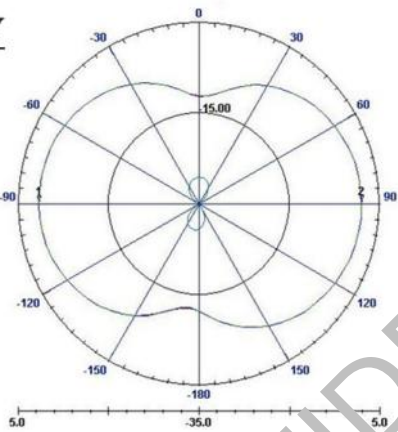
BW(RL<10dB) : 90 MHz



3.7.2 PCB ANTENNA RADIATION PATTERNS

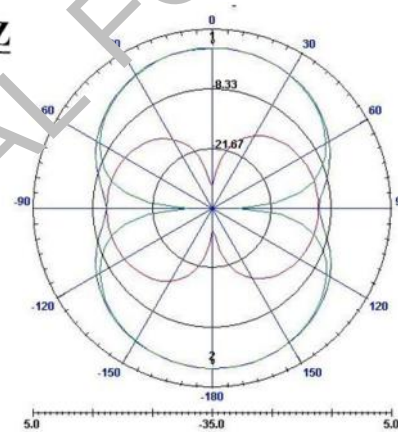


XY



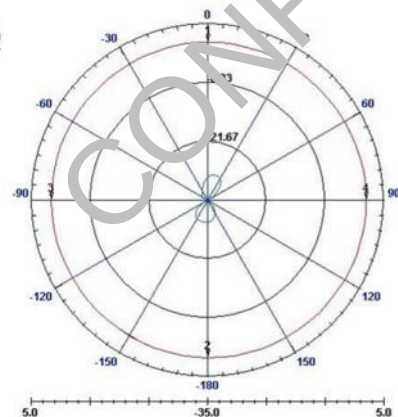
M1= 0.458
P1= 270.000
270.000deg
M2= 0.944
P2= 90.000
90.000deg

XZ



M1= 0.753
P1= 0.000
0.000deg
M2= 0.655
P2= 180.000
180.000deg

YZ



M1= 0.753
P1= 360.000
360.000deg
M2= 0.655
P2= 180.000
180.000deg
M3= 0.458
P3= 270.000
270.000deg
M4= 0.944
P4= 90.000
90.000deg

Gain unit in dBi

Efficiency : 76%

Peak Gain : 0.944 dBi

Avg. Gain : -1.2 dBi

