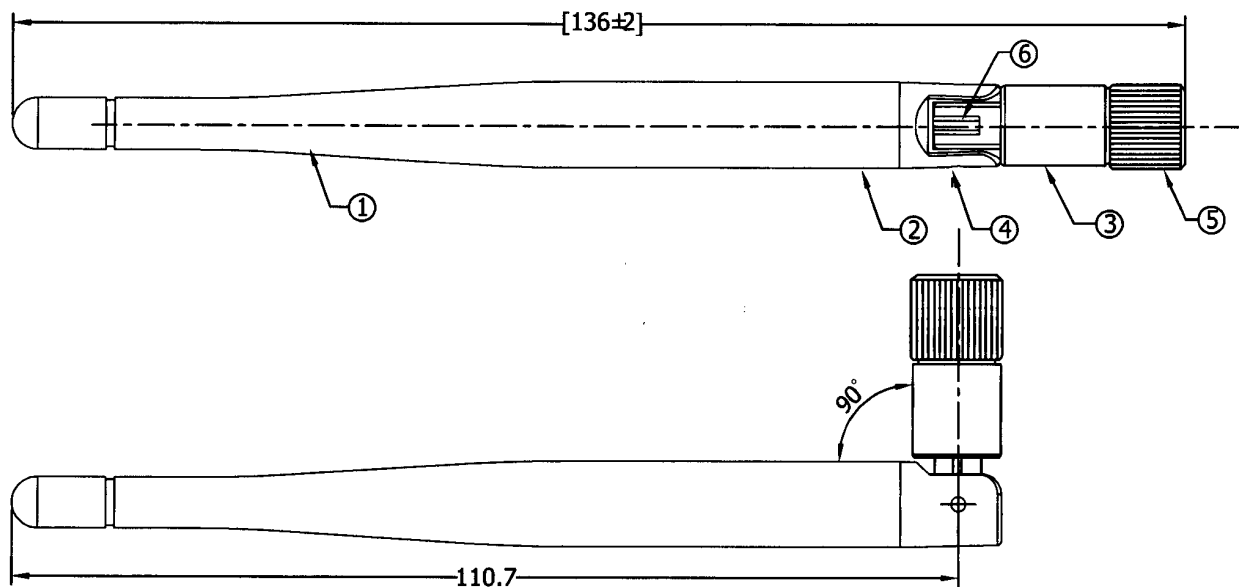


RF Antenna Assembly

Specification

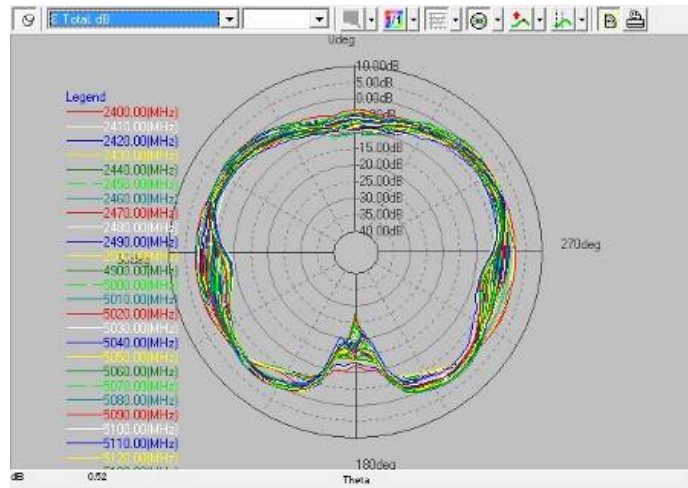
1. Electrical Properties :

- 1.1 Frequency Range.....2.4GHz ~ 2.5GHz ;4.9GHz~5.825GHz
- 1.2 Impedance50Ω Nominal
- 1.3 VSWR1.92 :1Max.
- 1.4 Return Loss.....-10 dB Max.
- 1.5 RadiationOmni-directional
- 1.6 Gain(peak).....1.8dBi @ 2.4GHz ~ 2.5GHz
1.8dBi @ 4.9GHz ~ 5.825GHz
- 1.7 Polarization.....Linear; Vertical
- 1.8 Admitted Power.....1W
- 1.9 Cable.....RG-178 Coaxial Cable
- 1.10 Connector.....SMA Plug Straight/Reverse

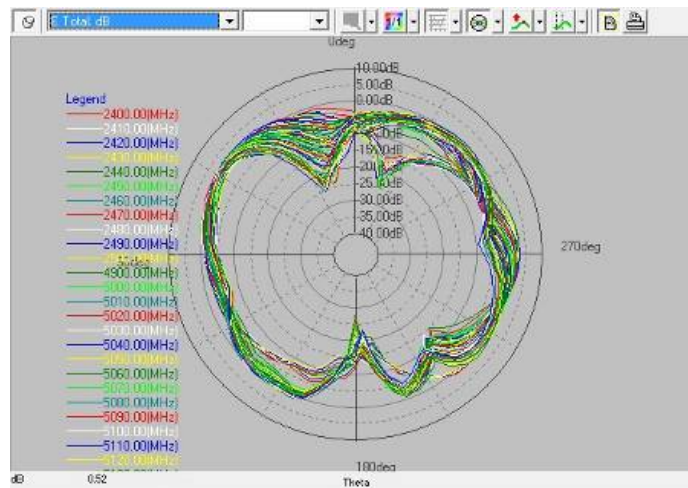


4.2 2D patterns

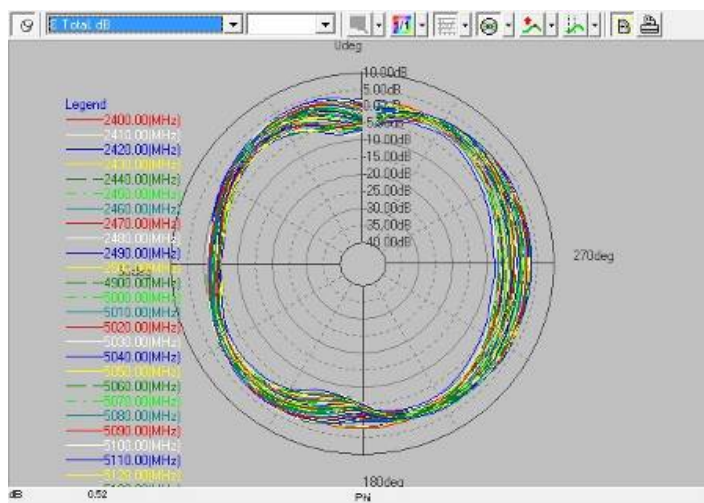
4.2.1 Ant 1



X-Z Plane



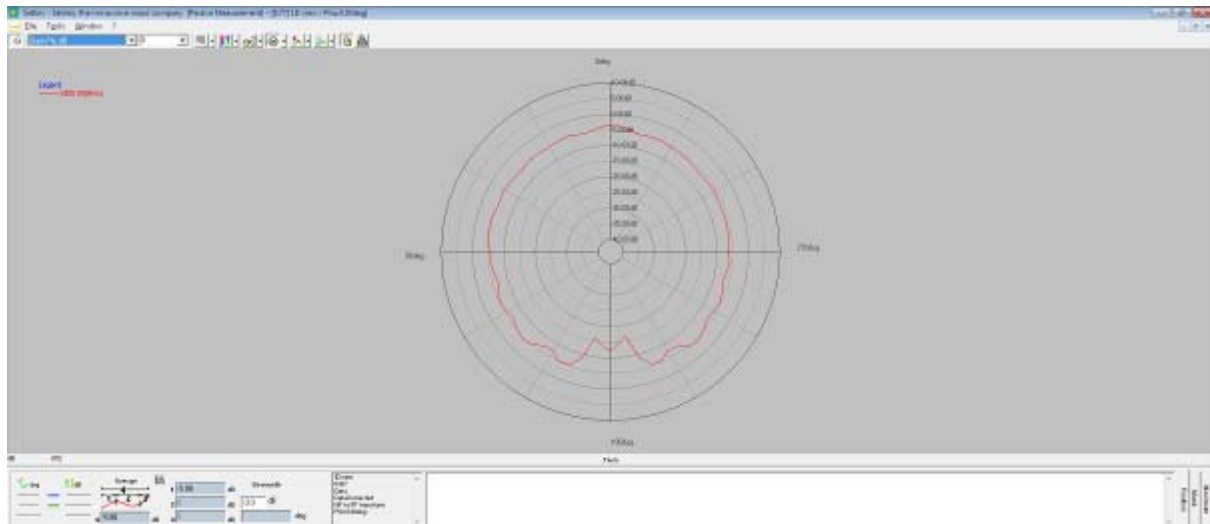
Y-Z Plane



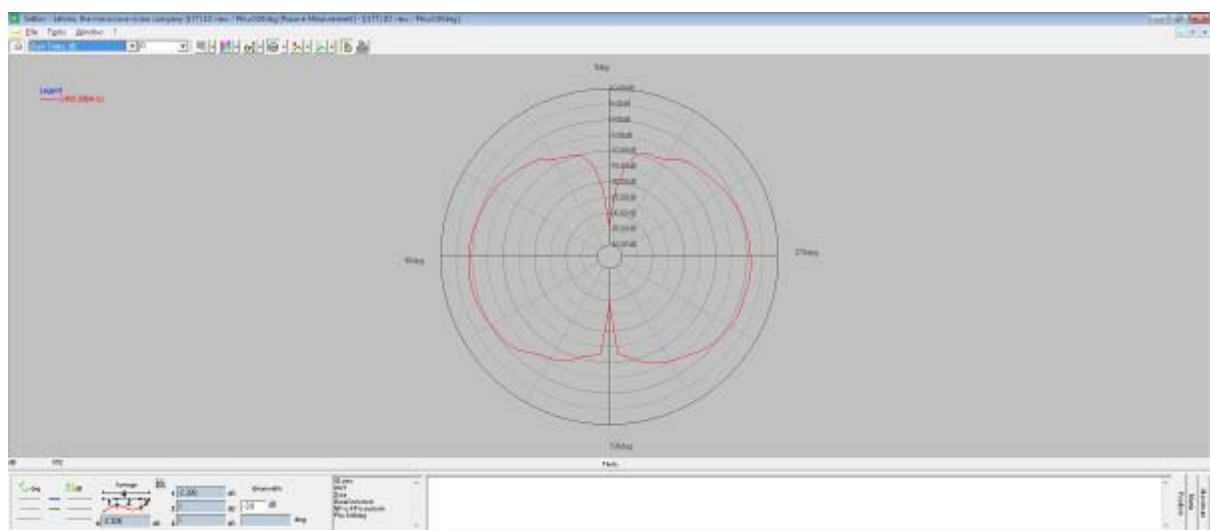
X-Y Plane

4.3 co port & cross port

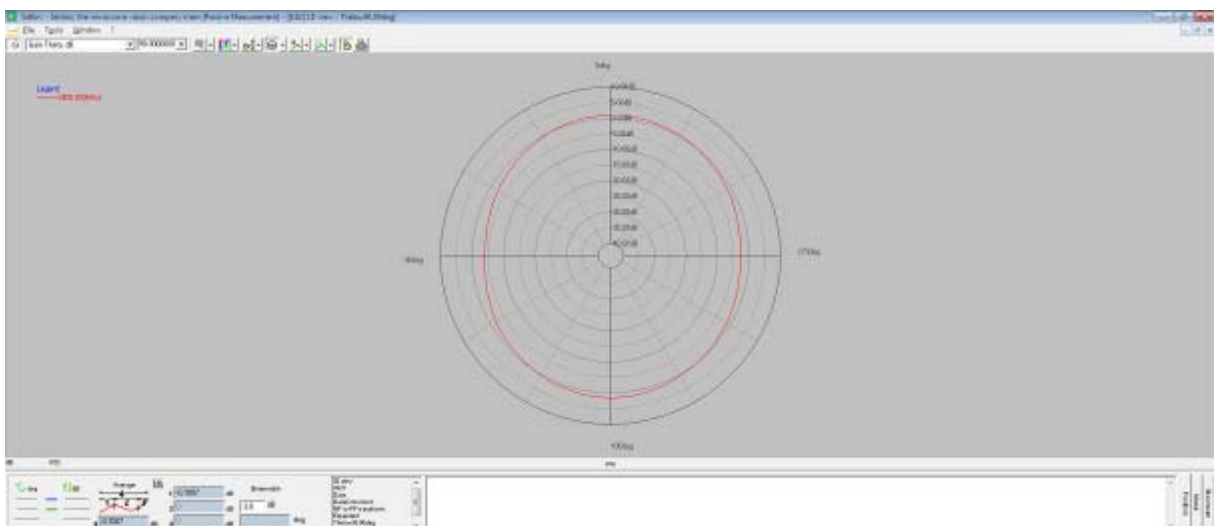
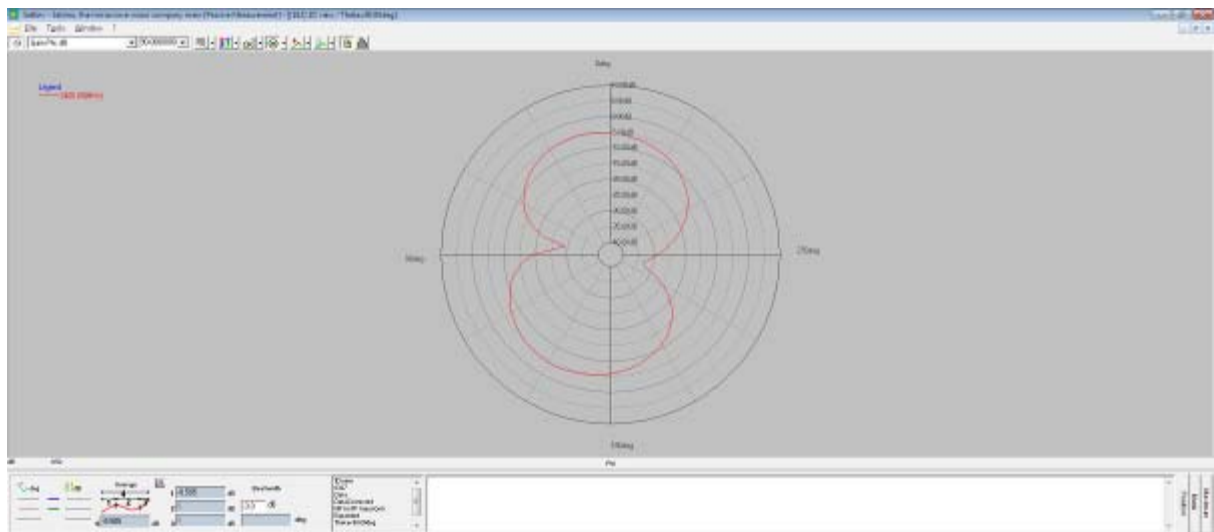
4.3.1 2400MHz



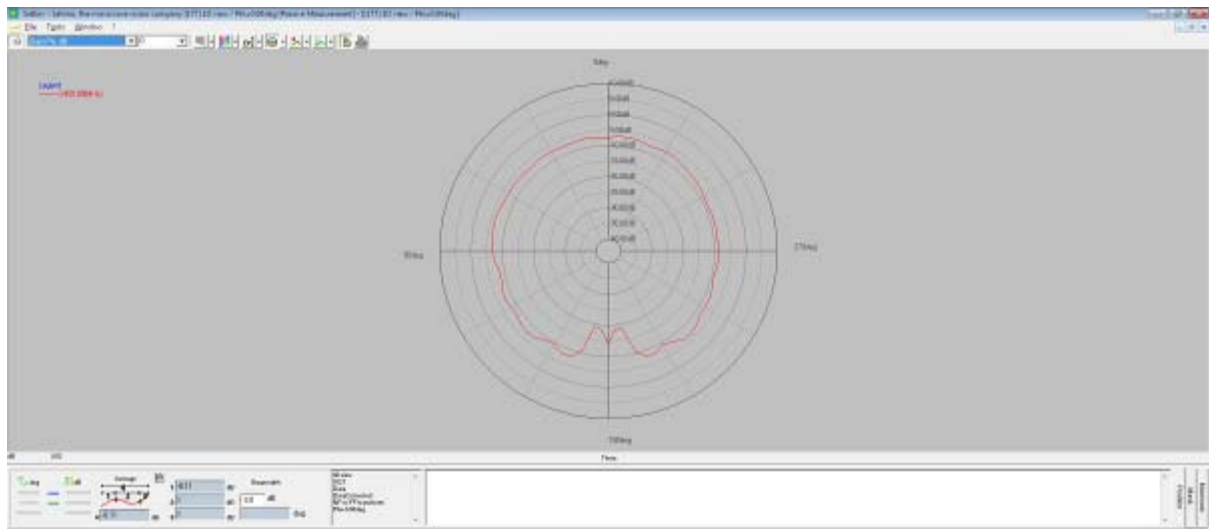
XZ-Phi



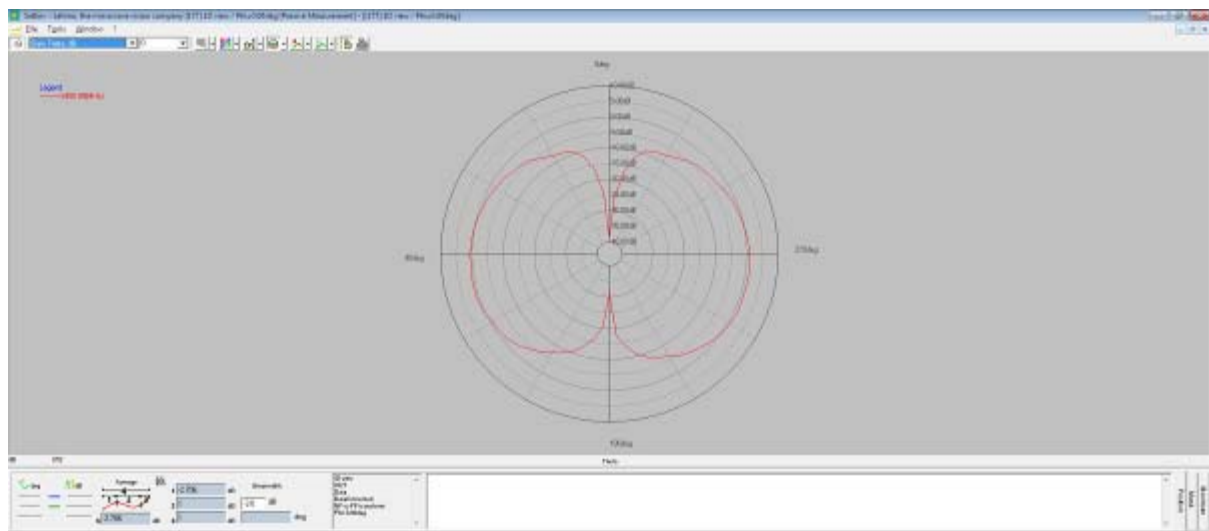
XZ-Theta



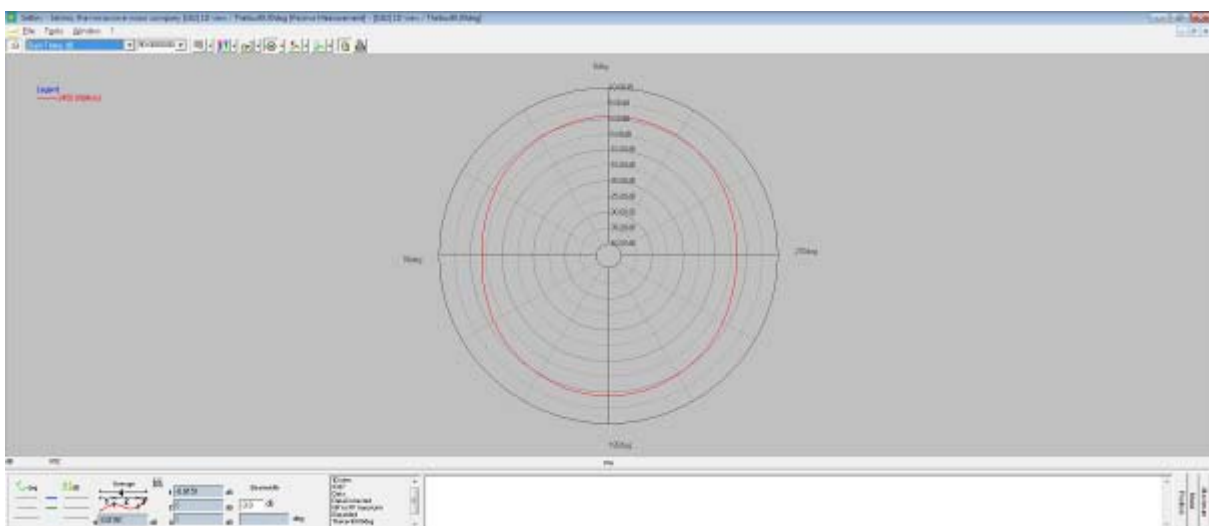
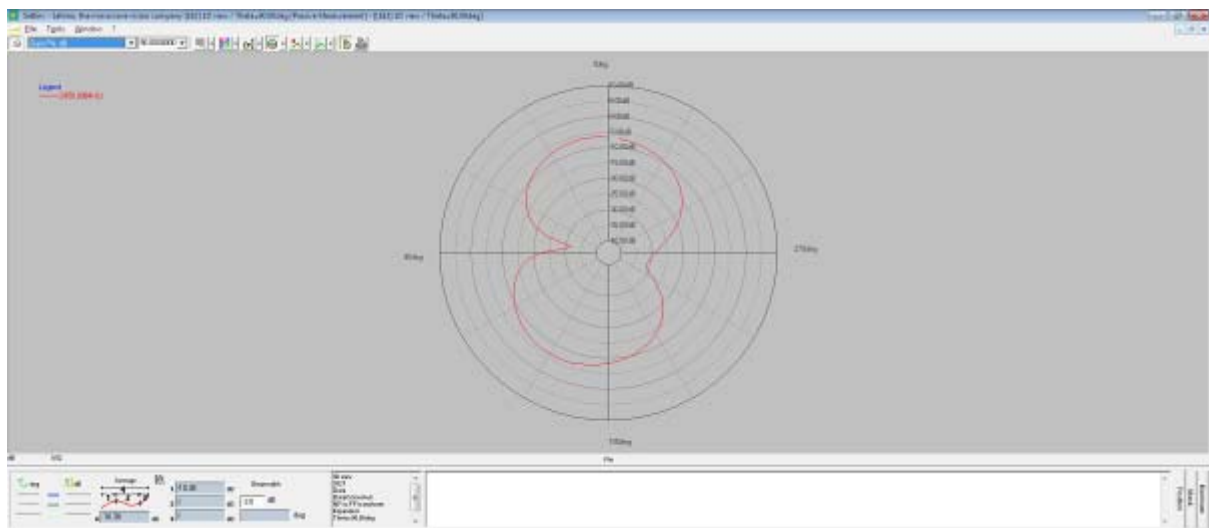
4.3.2 2450MHz



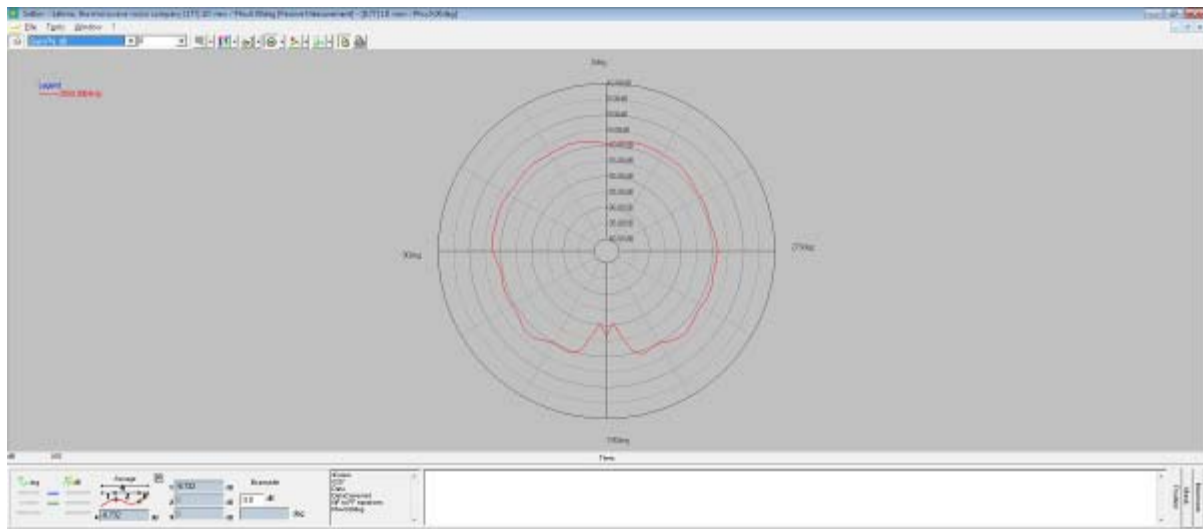
XZ-Phi



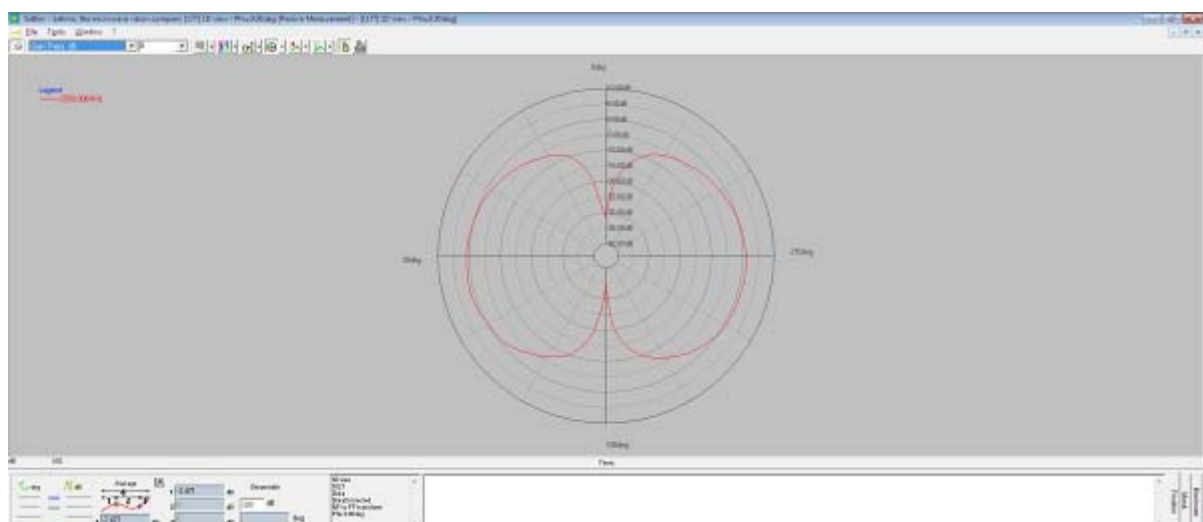
XZ-Theta



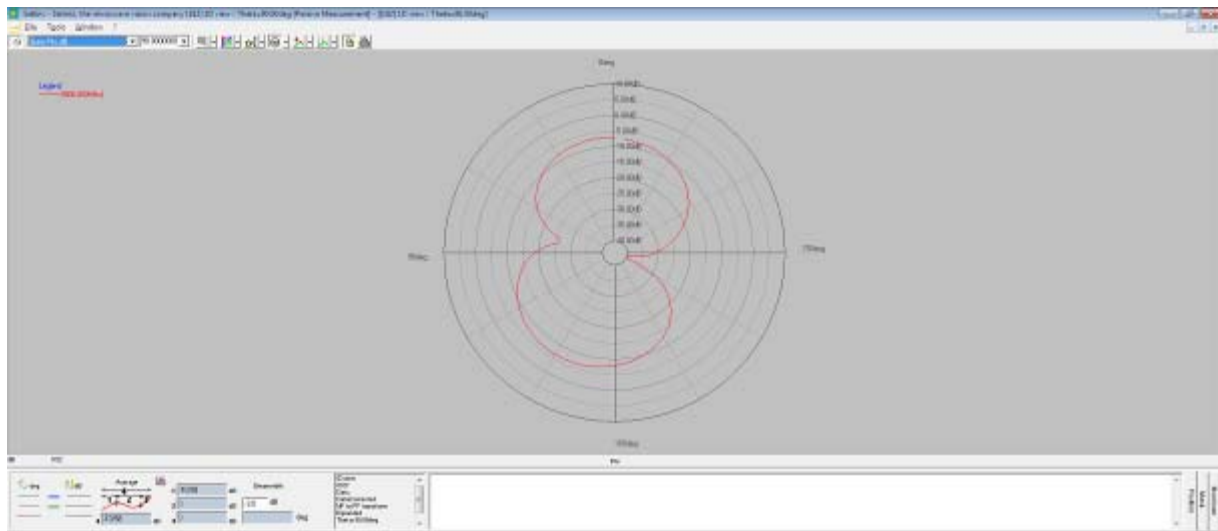
4.3.3 2500MHz



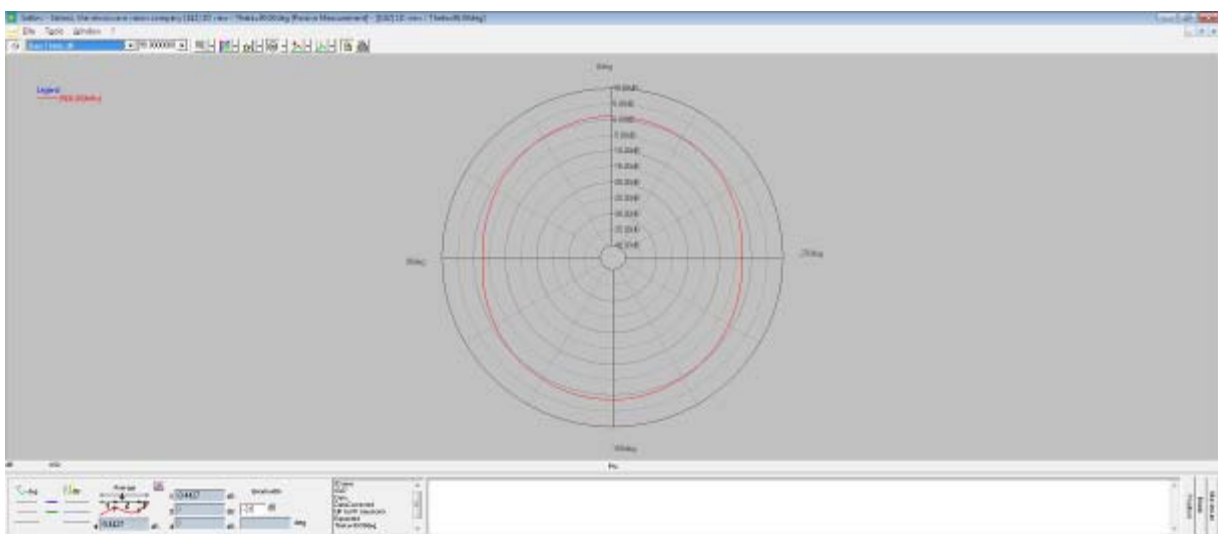
XZ-Phi



XZ-Theta

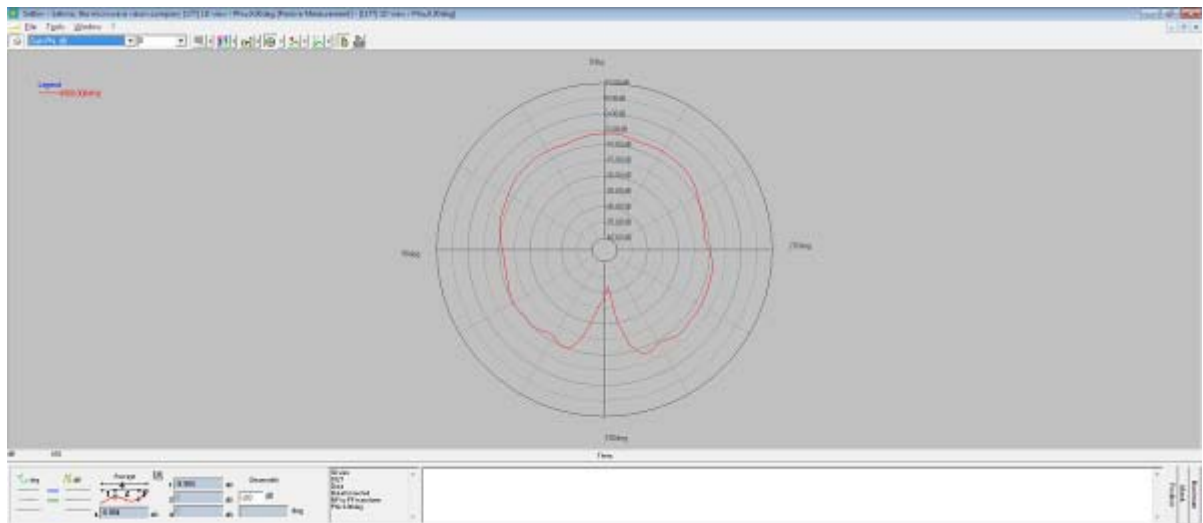


XY-Phi

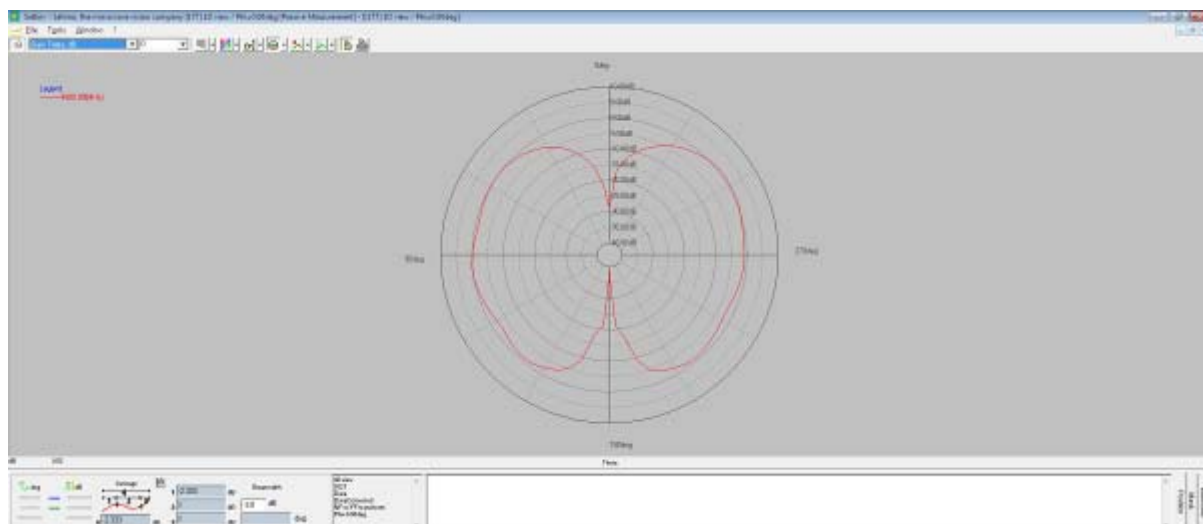


XY-Theta

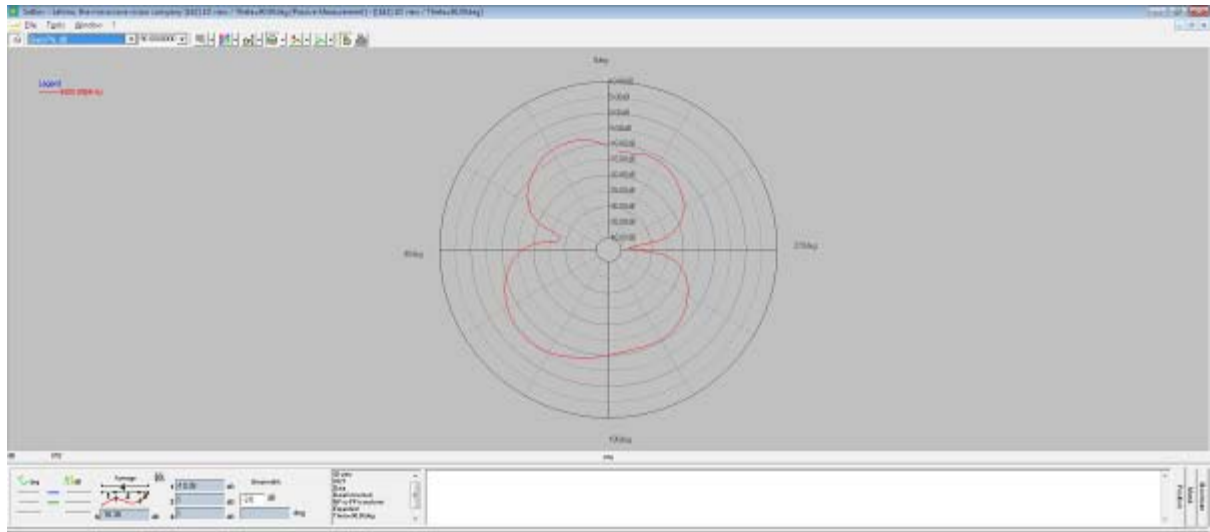
4.3.4 4900MHz



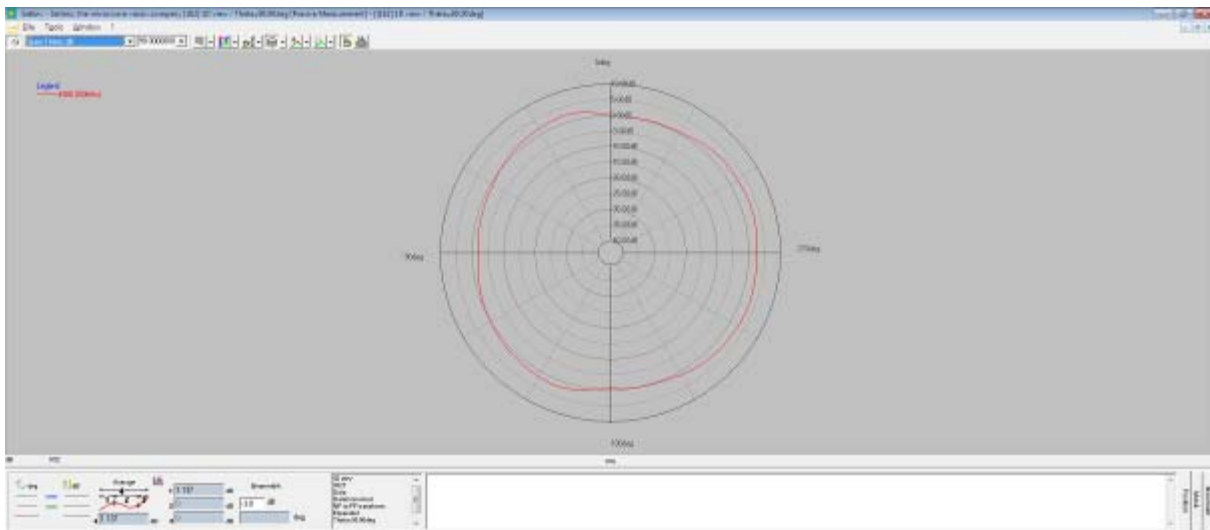
XZ-Phi



XZ-Theta

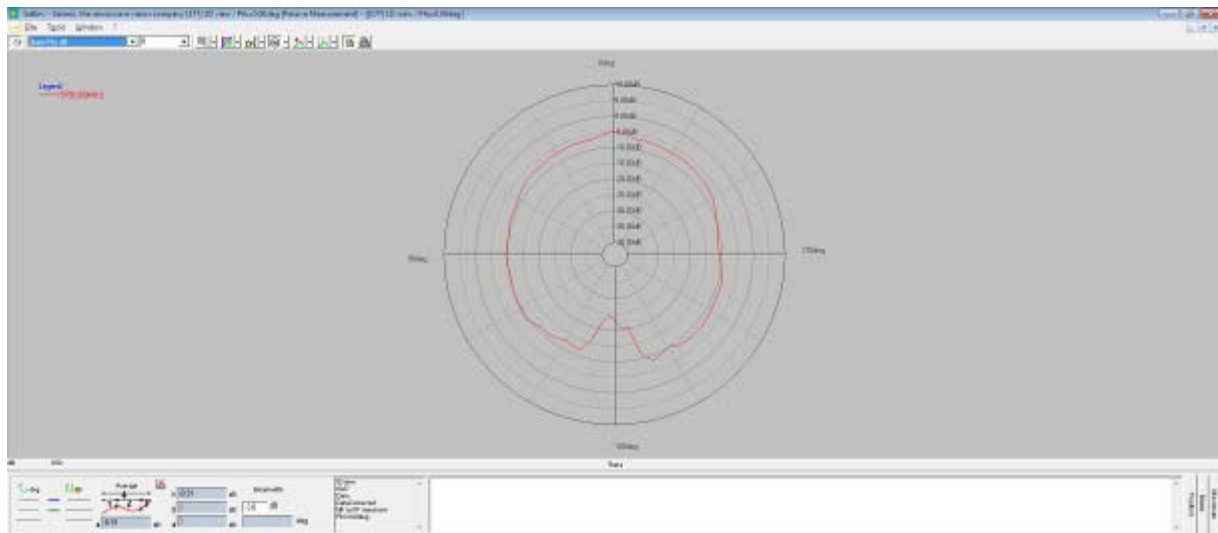


XY-Phi

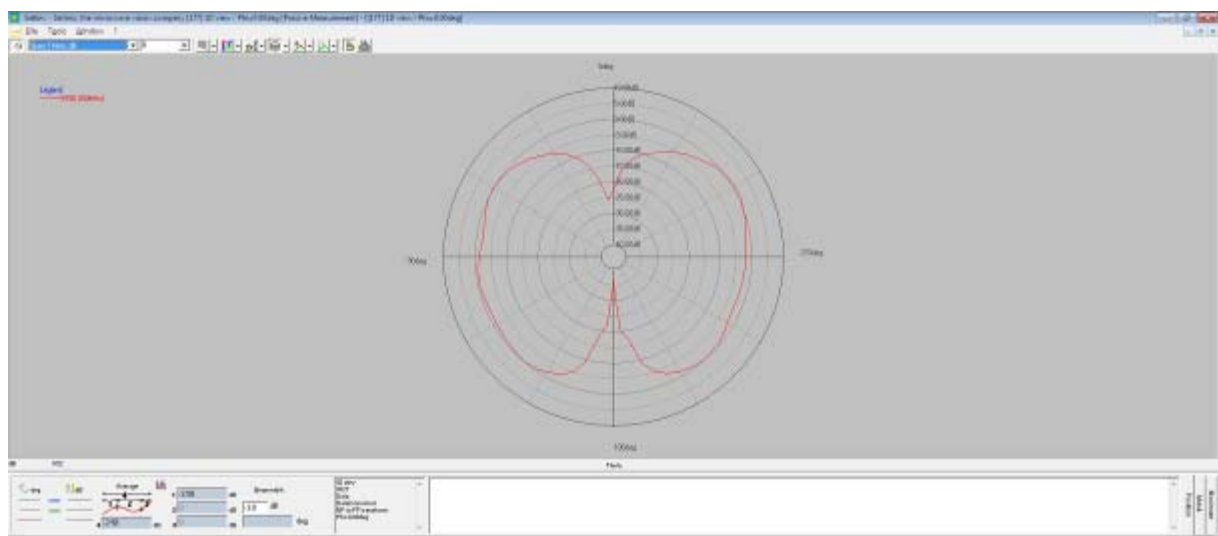


XY-Theta

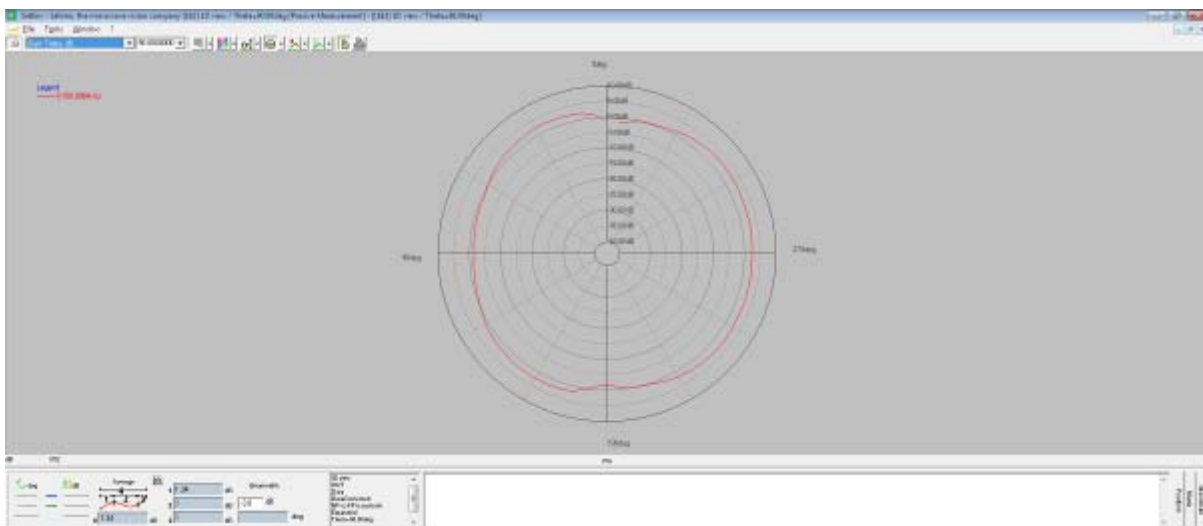
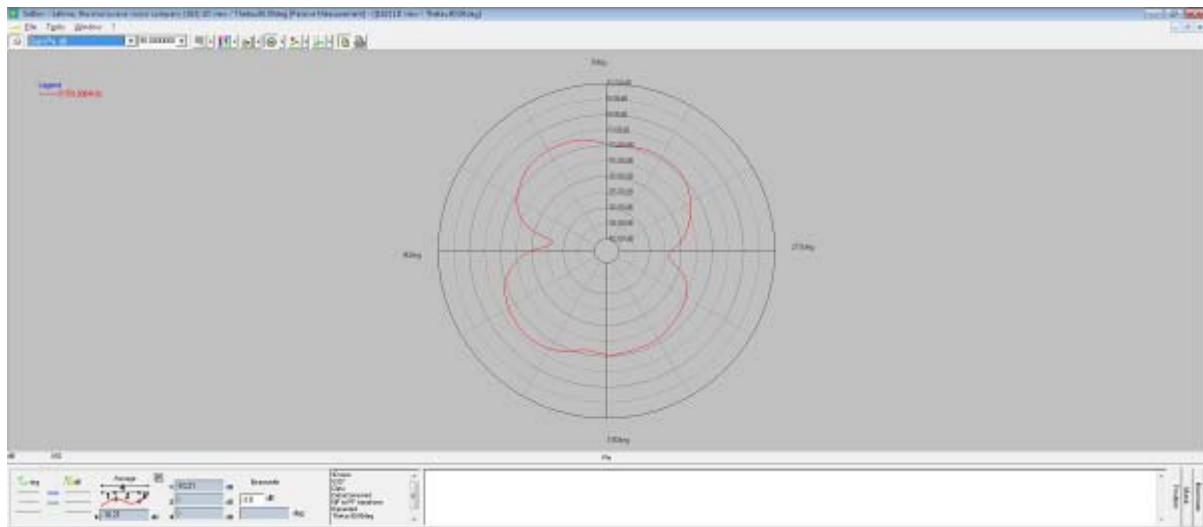
4.3.5 5150MHz



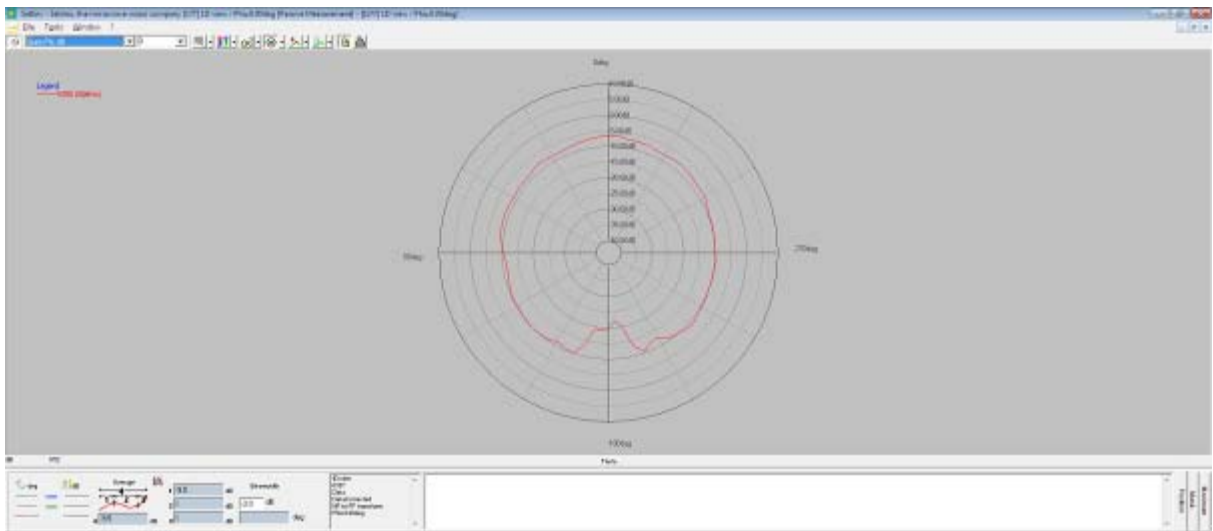
XZ-Phi



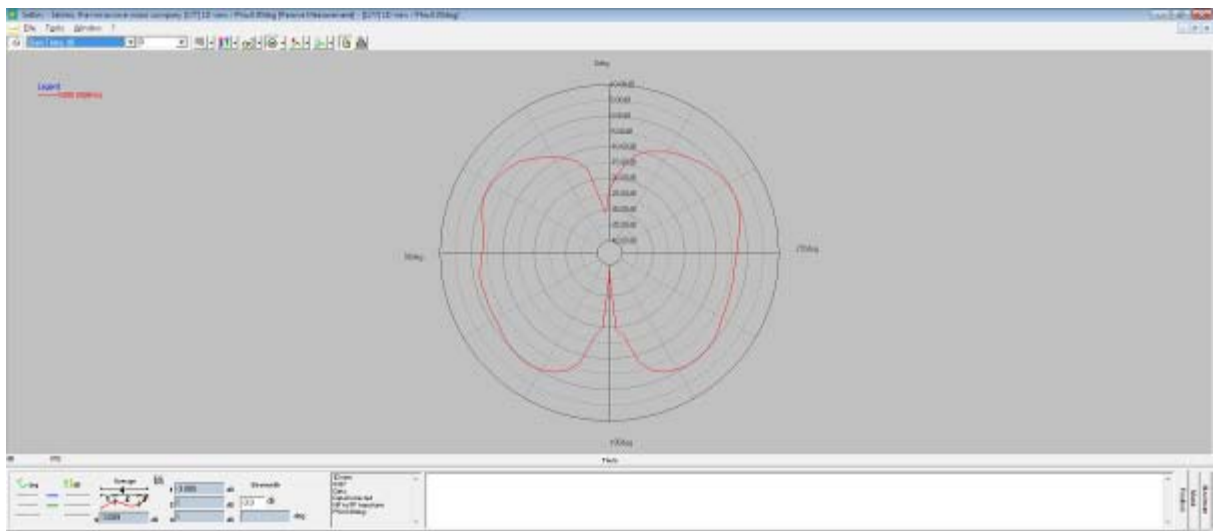
XZ-Theta



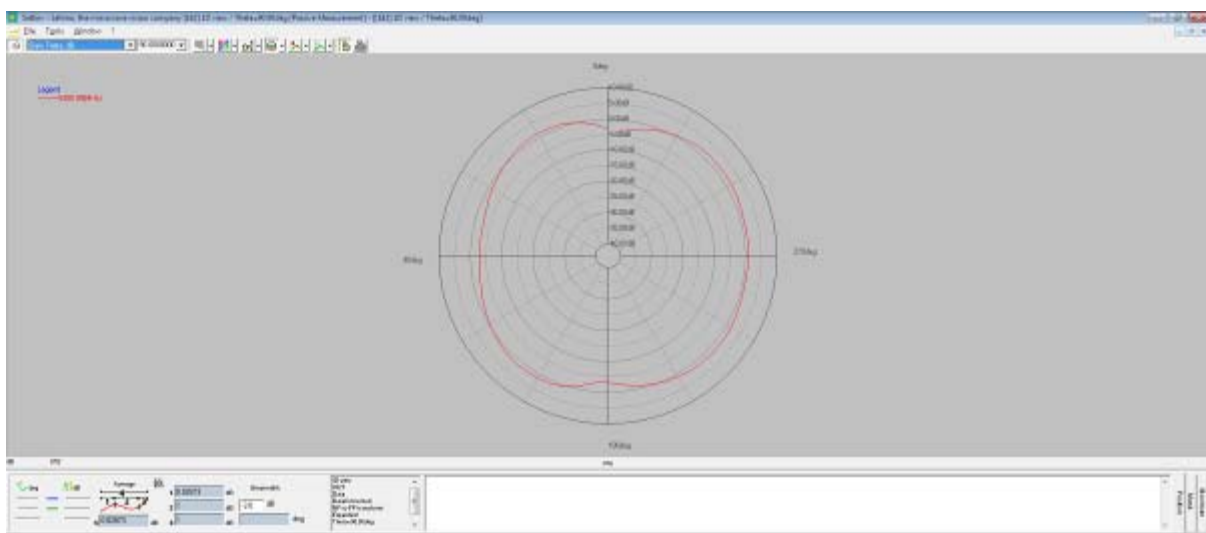
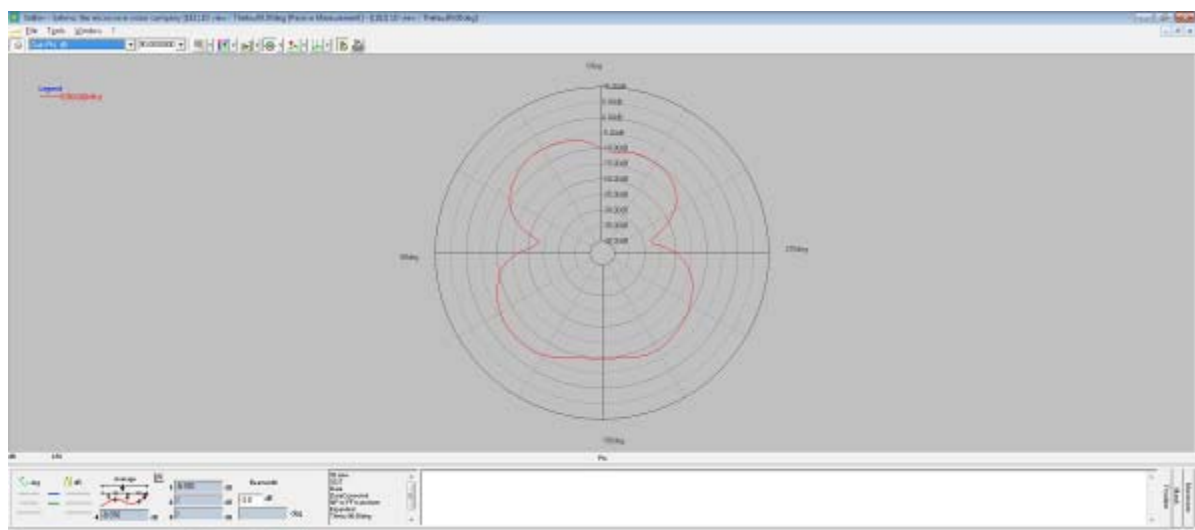
4.3.6 5350MHz



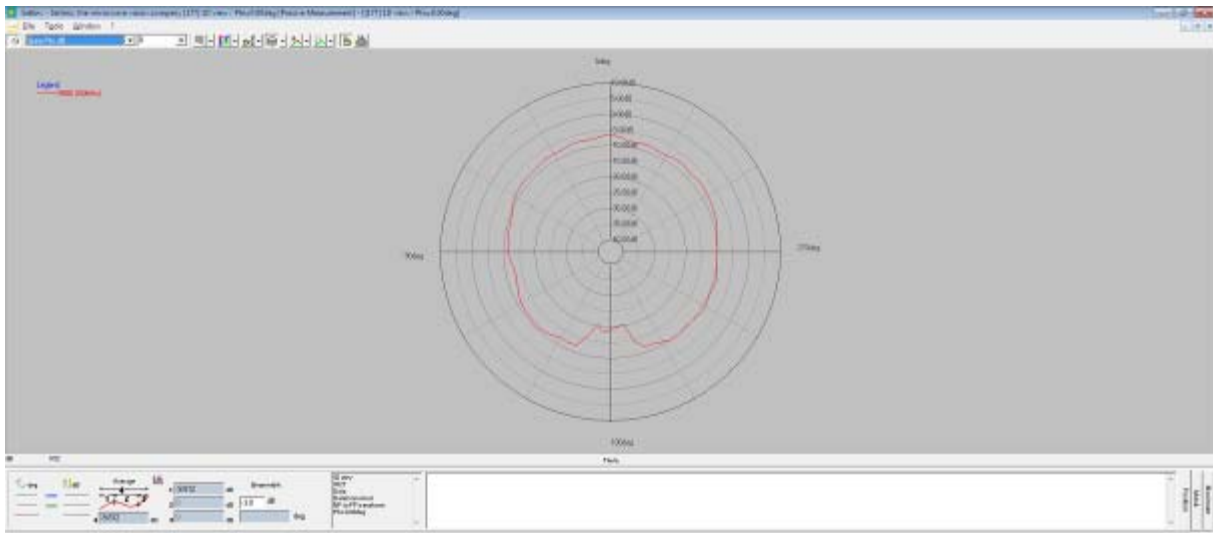
XZ-Phi



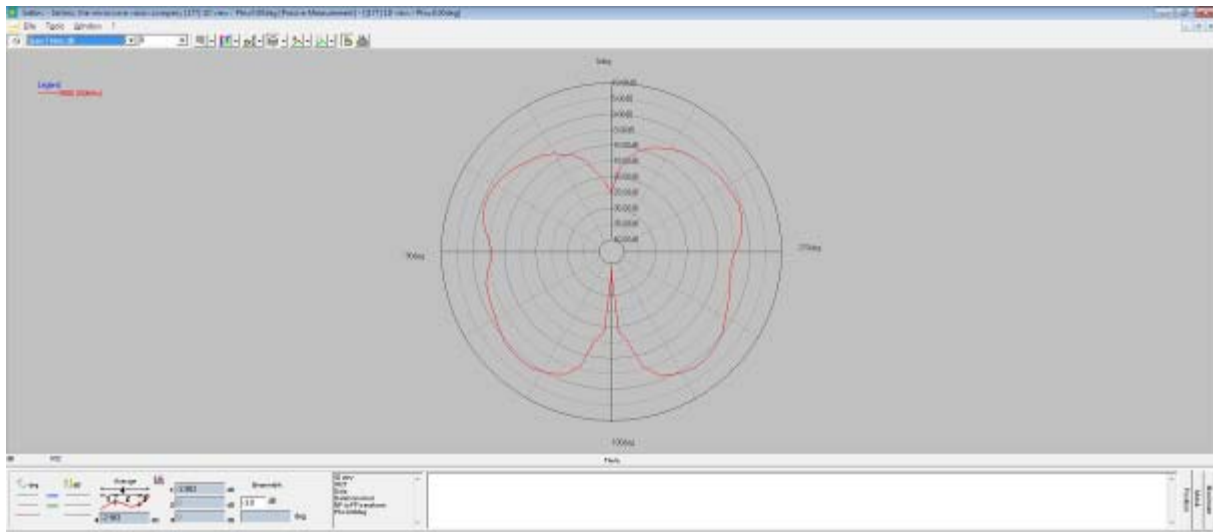
XZ-Theta



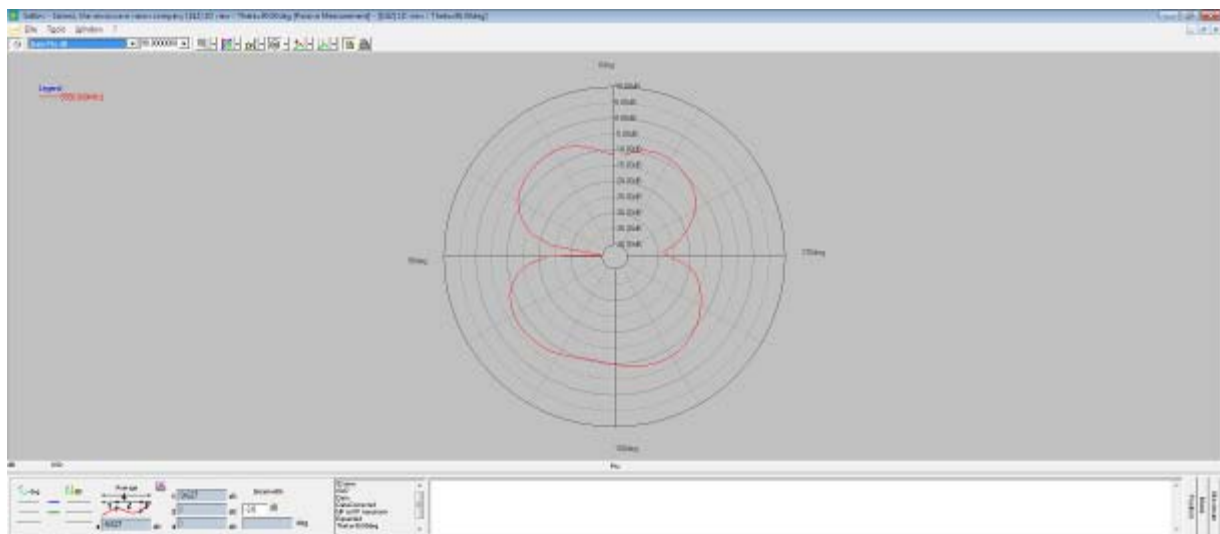
4.3.7 5550MHz



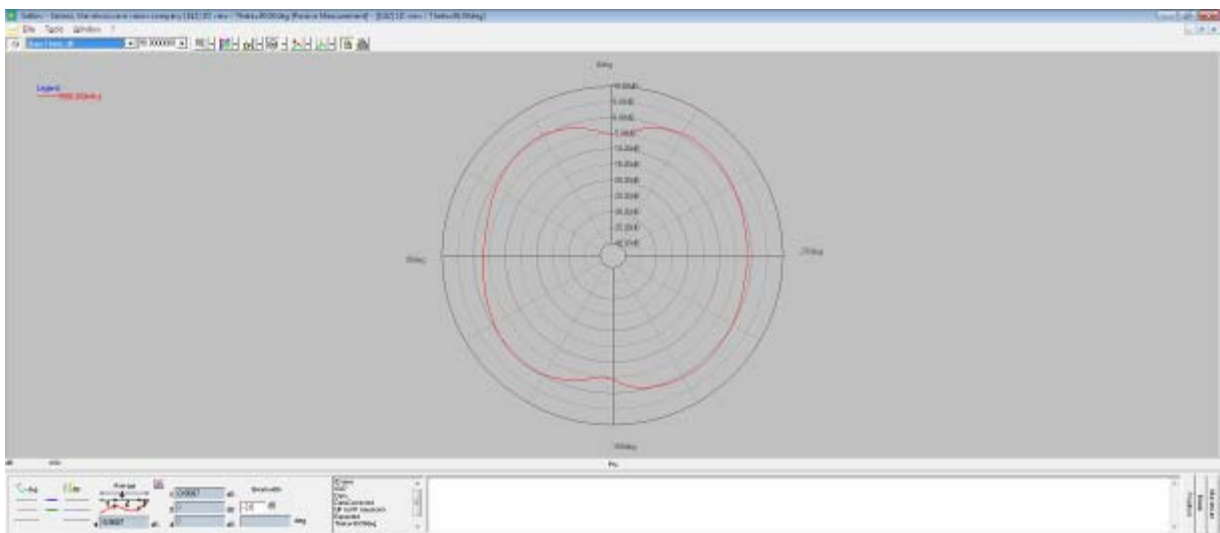
XZ-Phi



XZ-Theta

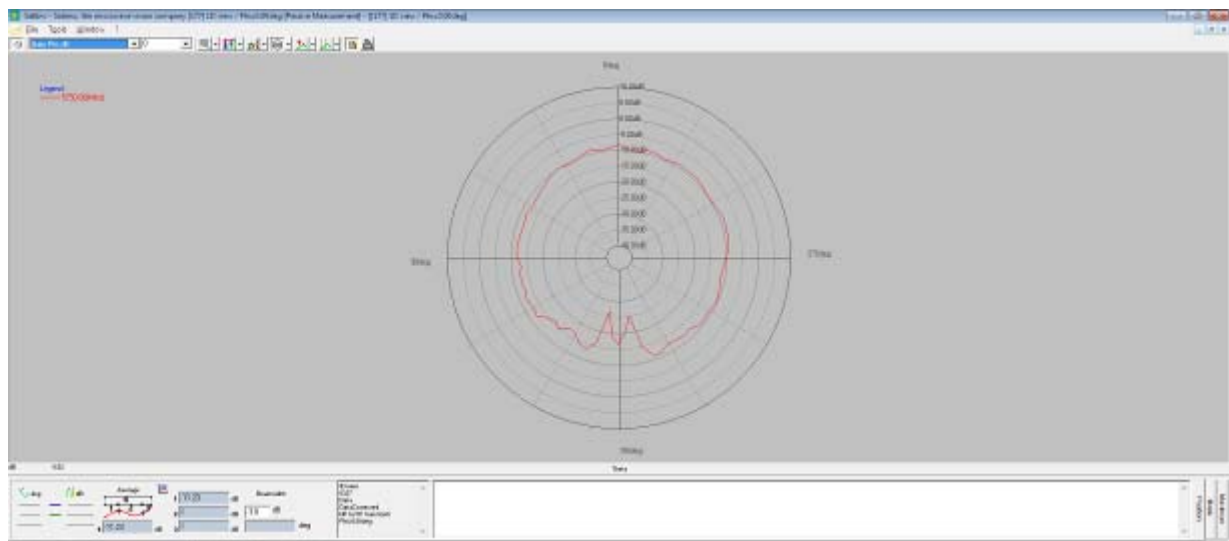


XY-Phi

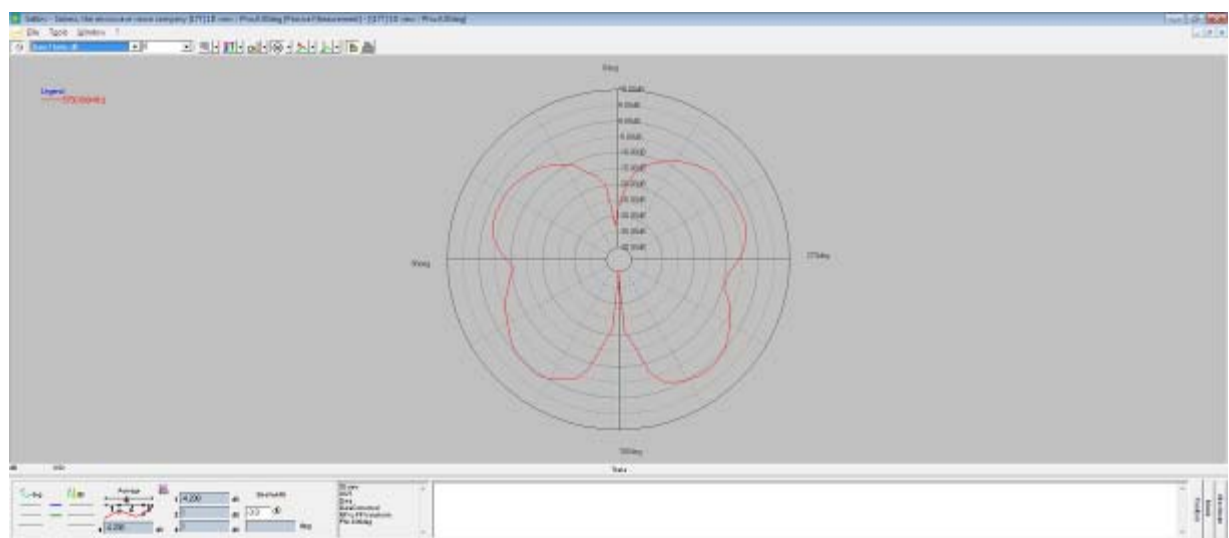


XY-Theta

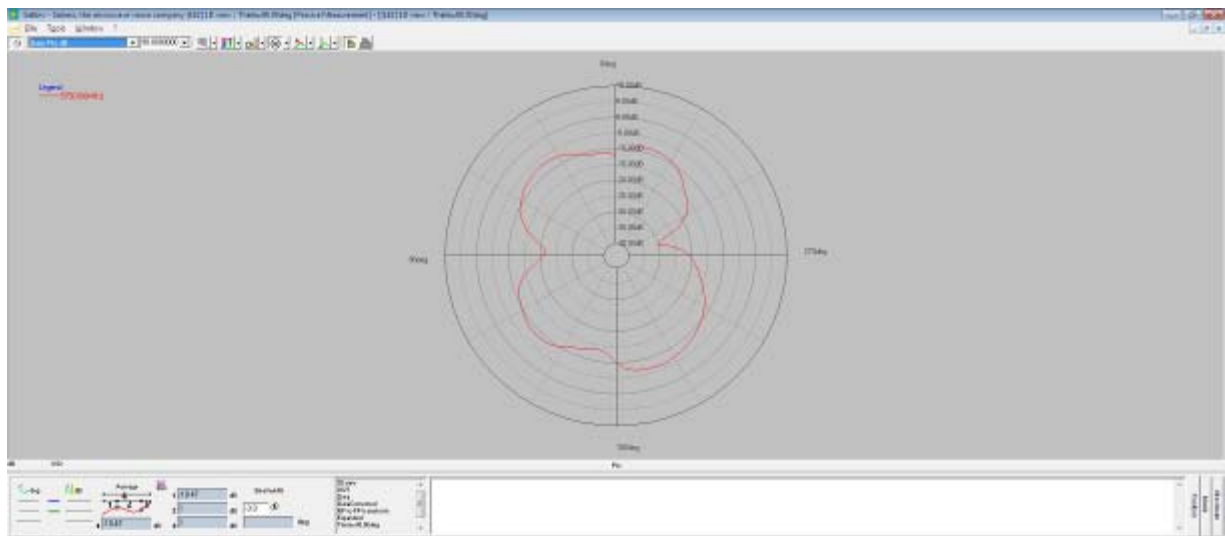
4.3.8 5750MHz



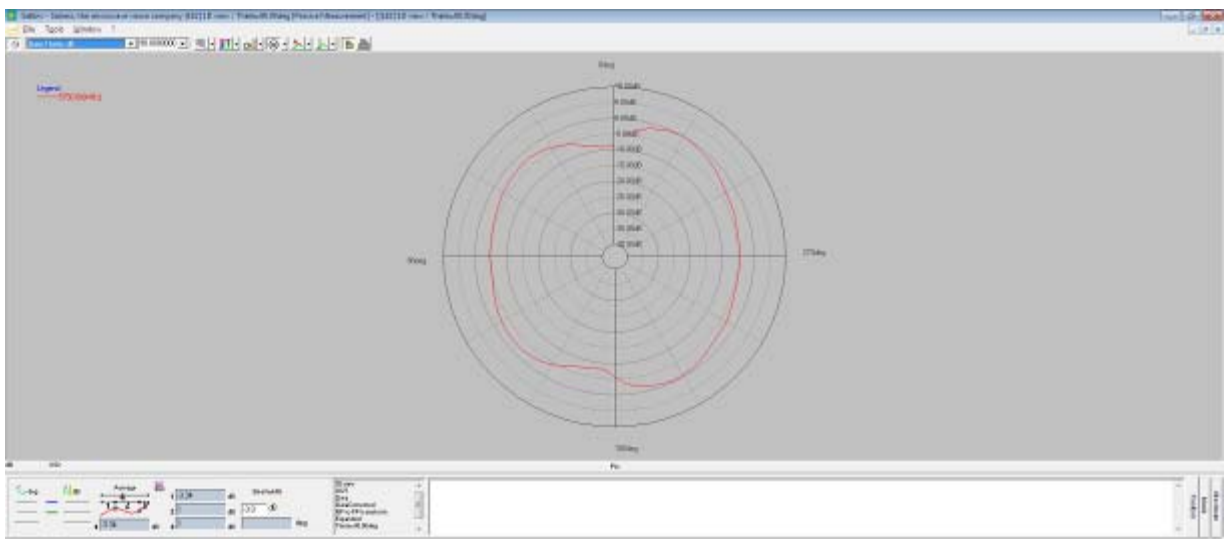
XZ-Phi



XZ-Theta

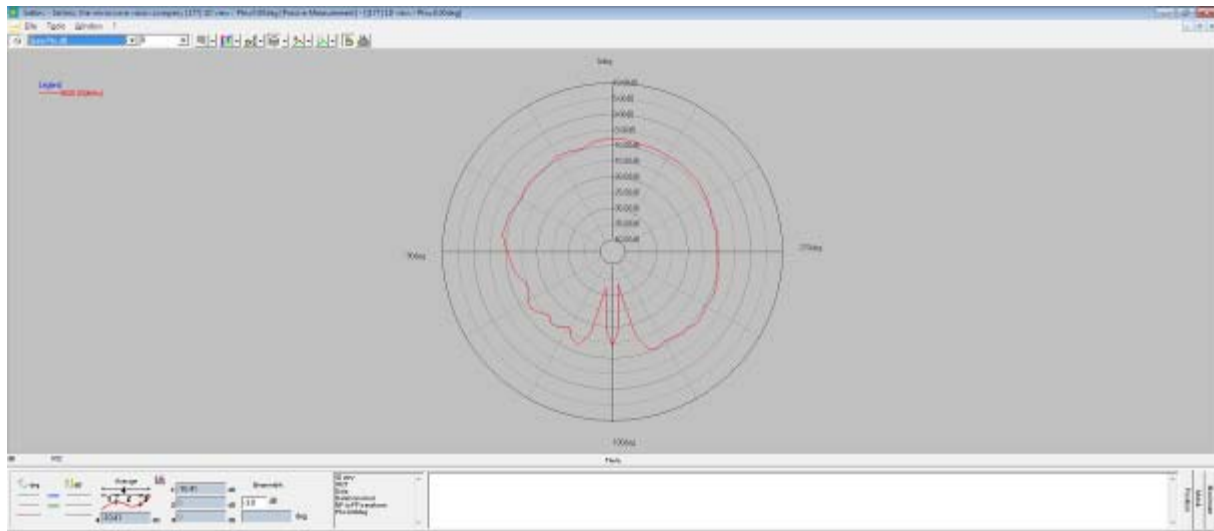


XY-Phi

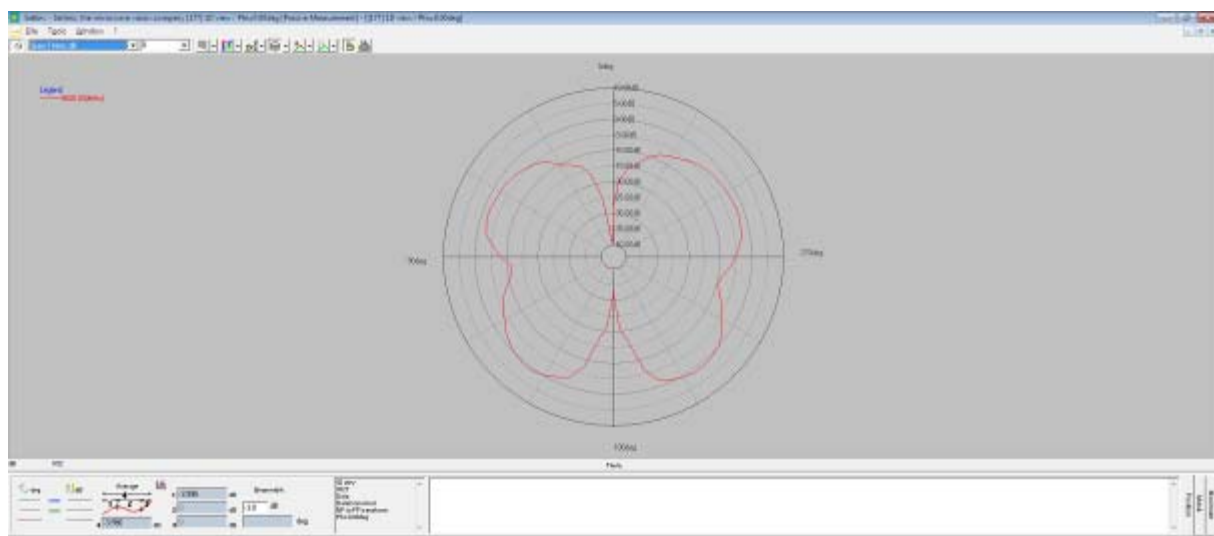


XY-Theta

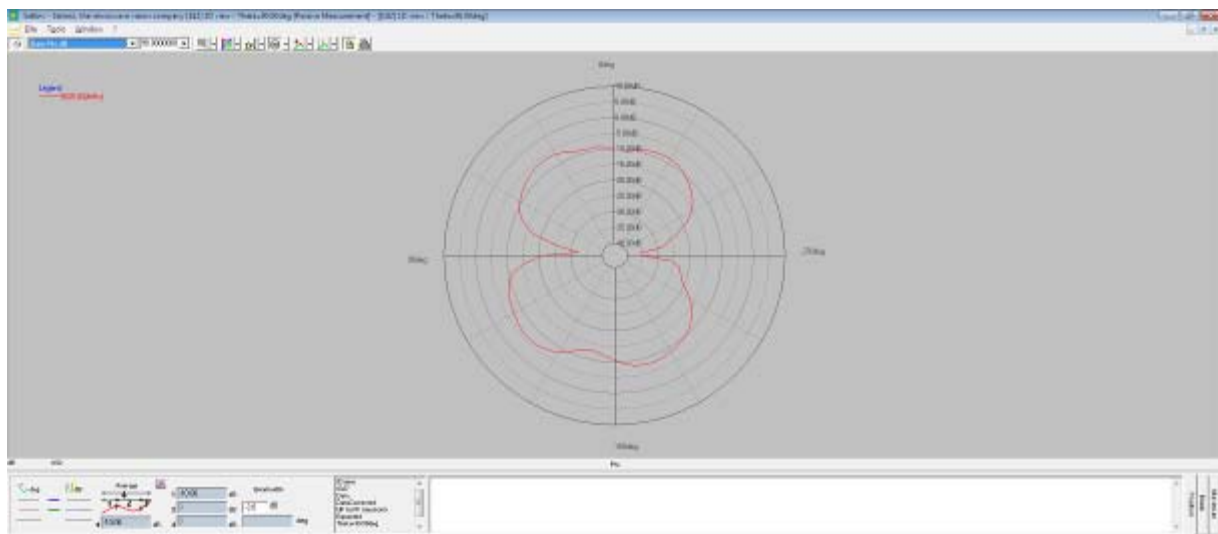
4.3.9 5825MHz



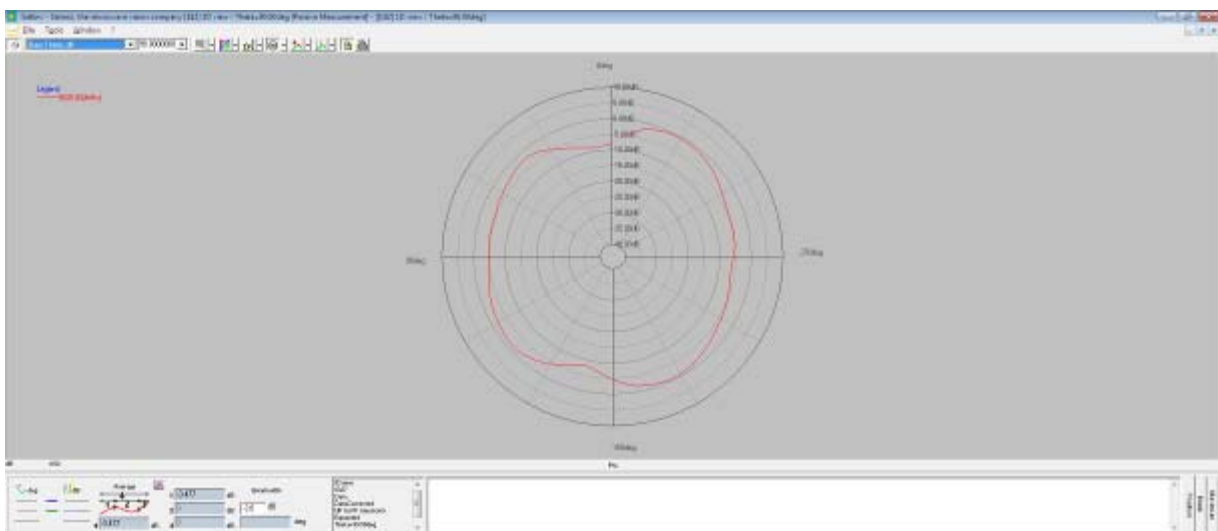
XZ-Phi



XZ-Theta



XY-Phi



XY-Theta