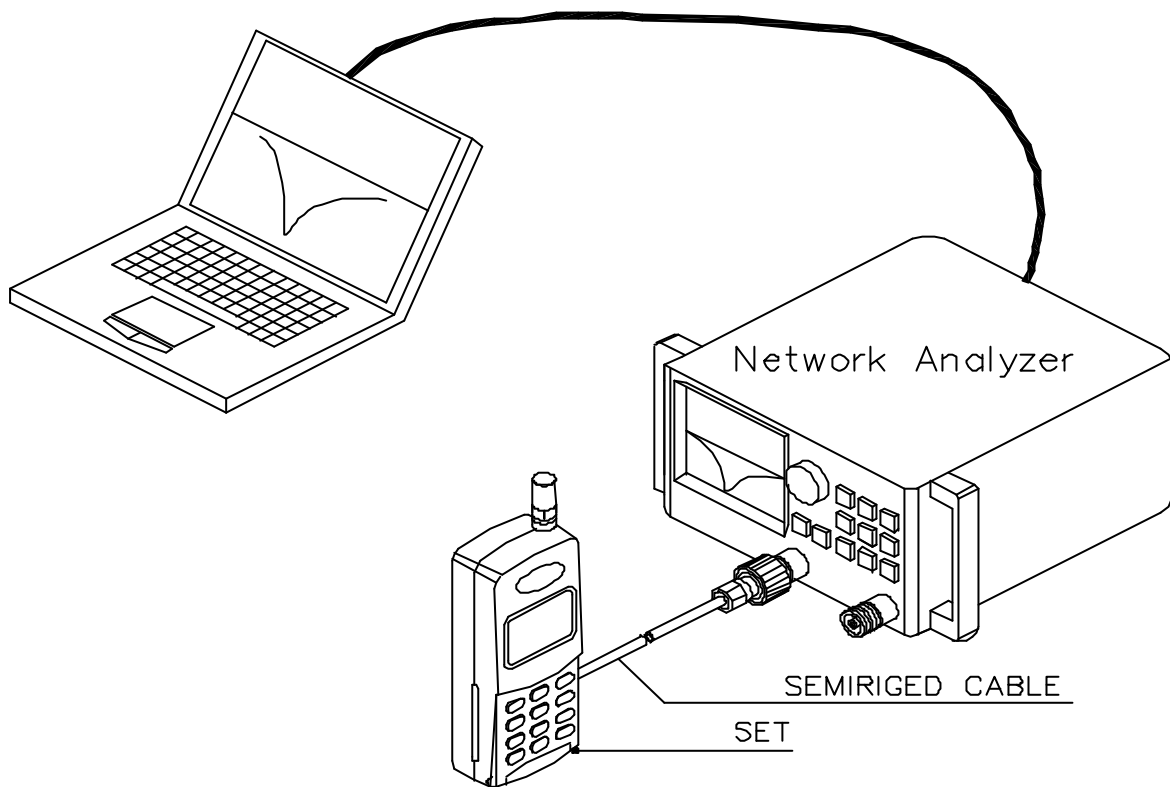
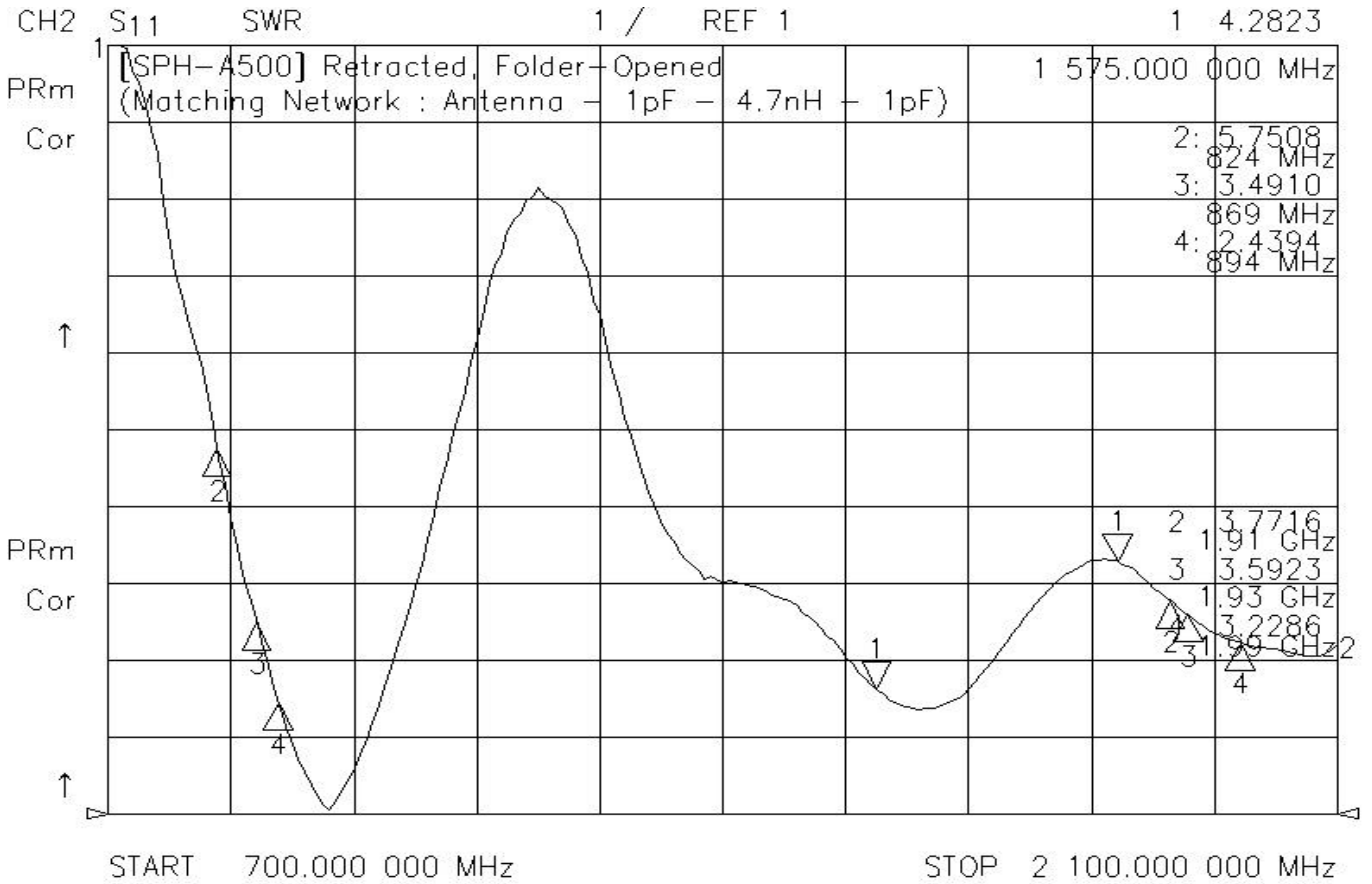


Antenna SWR

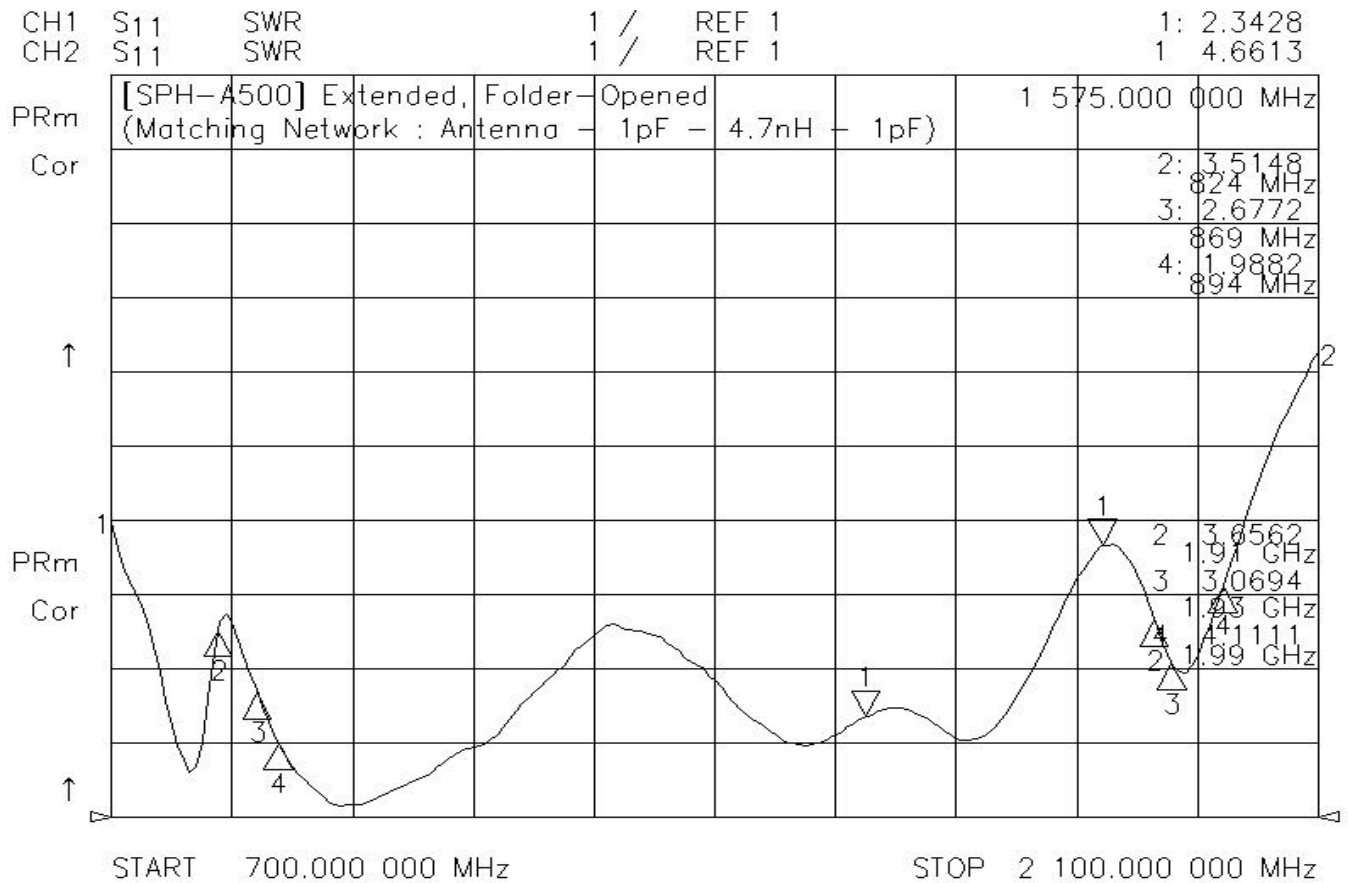
Test condition



Internal Antenna

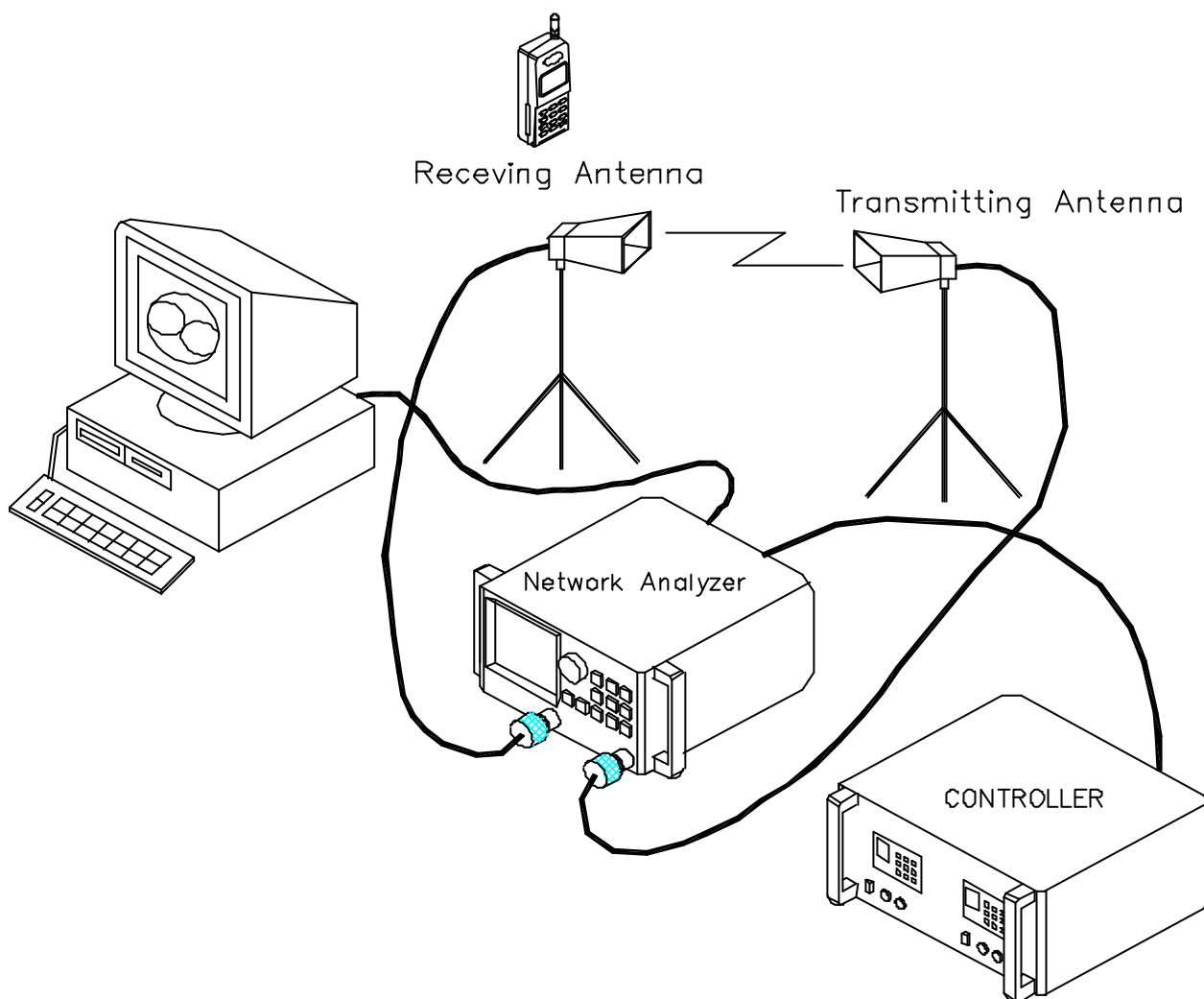


External Antenna



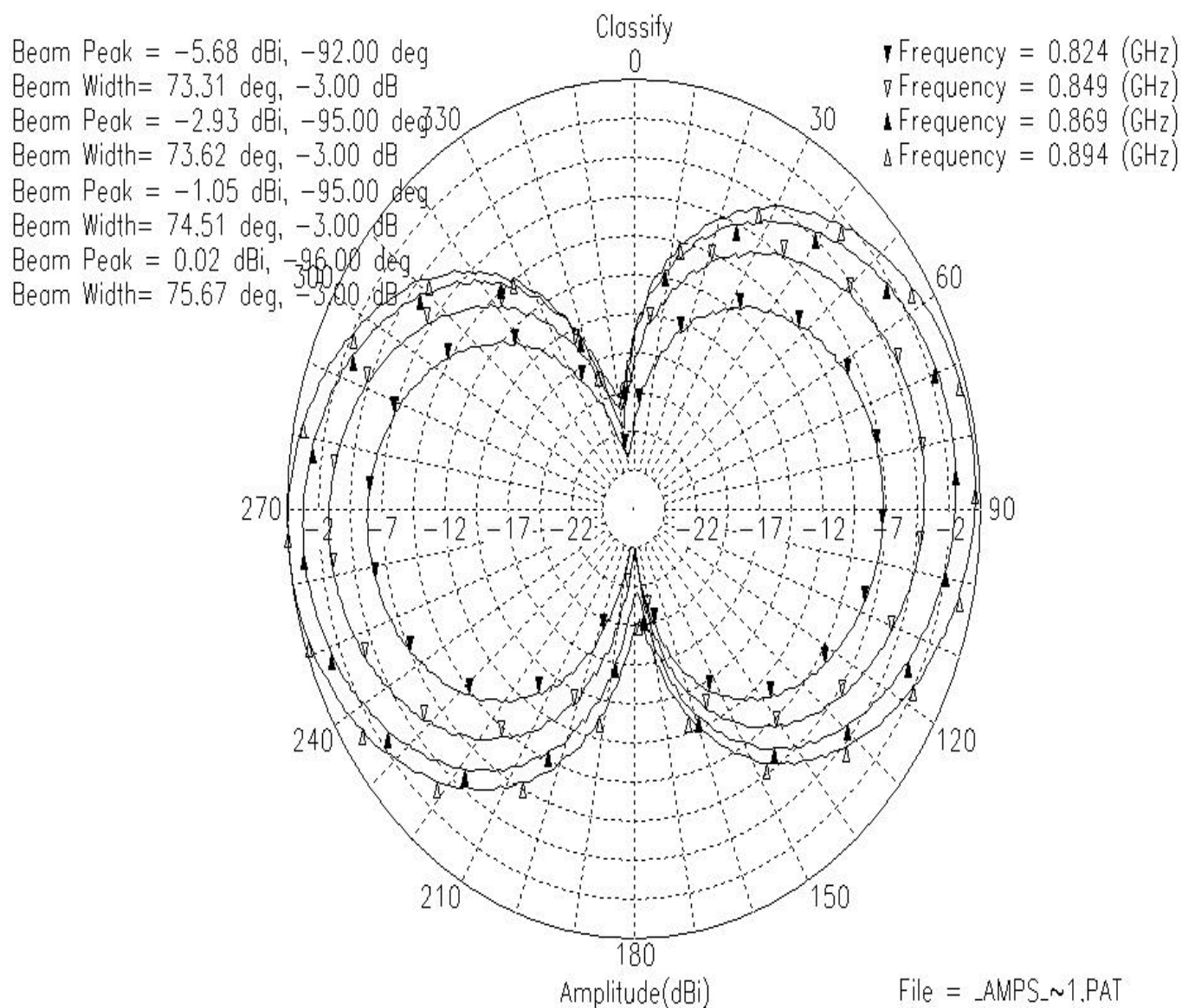
Antenna Radiation Pattern and Gain

Test condition



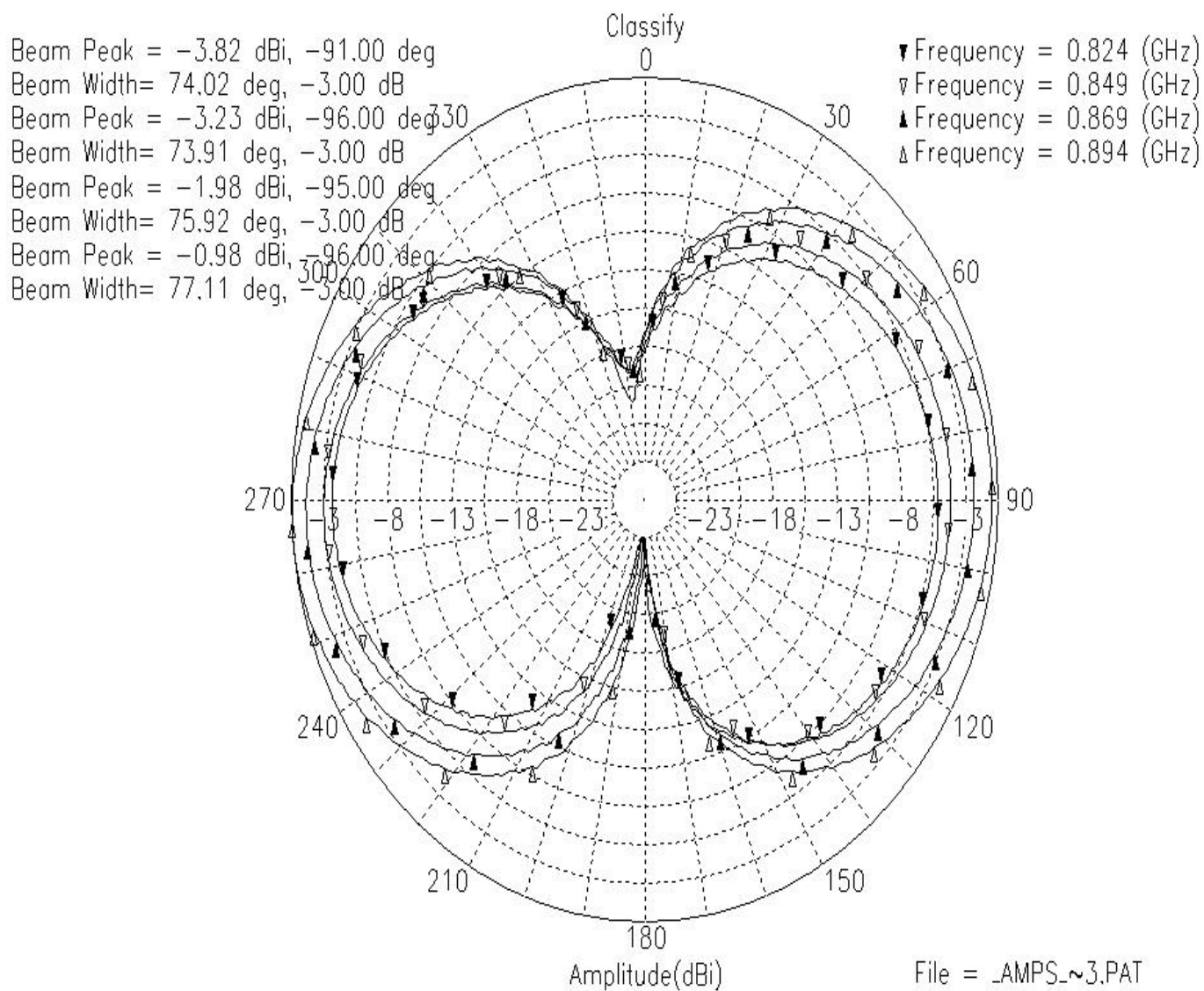
824MHz ~ 894MHz (AMPS & CDMA)

Extended Antenna (E2 Plane)



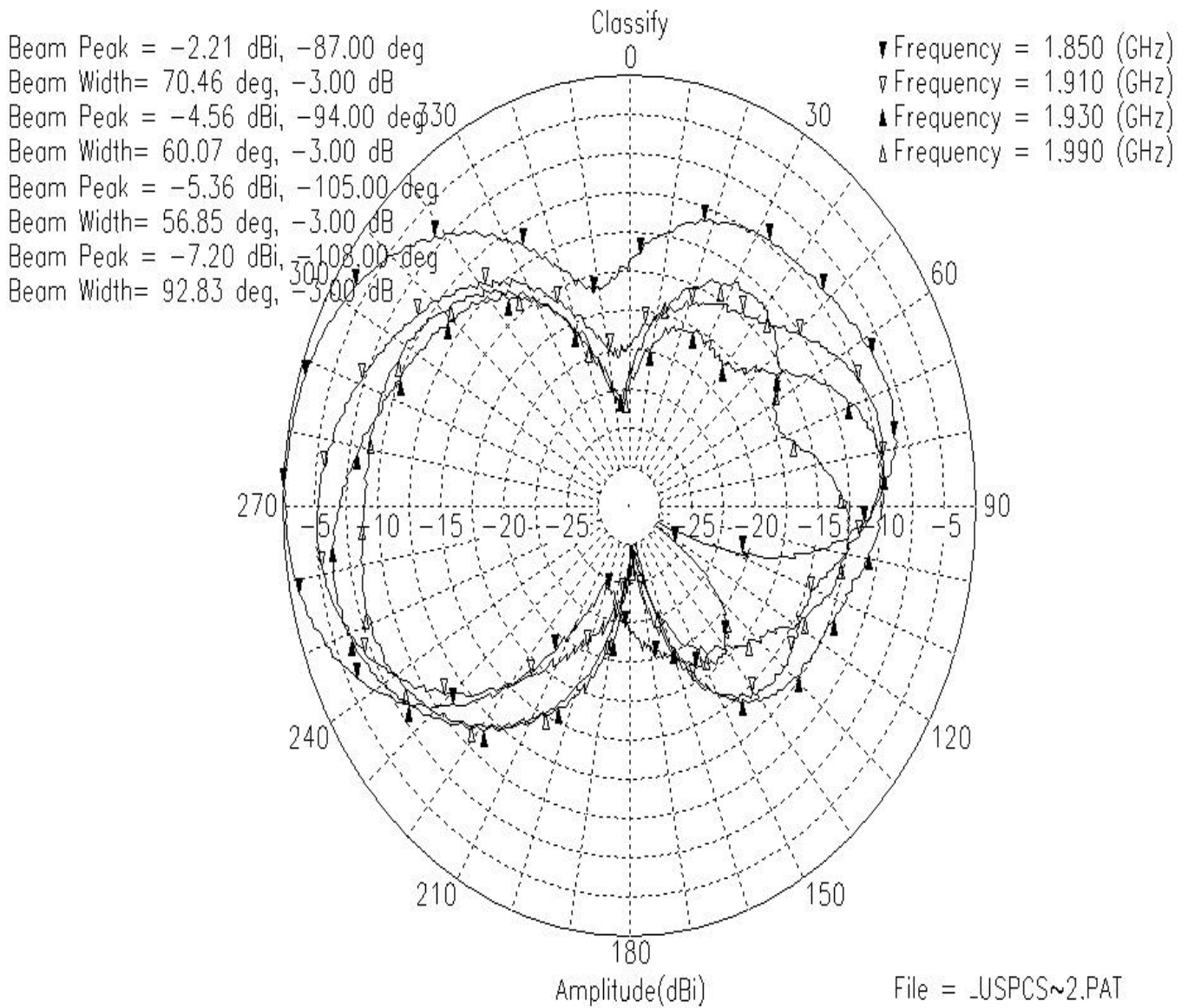
824MHz ~ 894MHz (AMPS & CDMA)

Retracted Antenna (E2 Plane)



1850MHz ~ 1990MHz (USPCS)

Extended Antenna (E2 Plane)

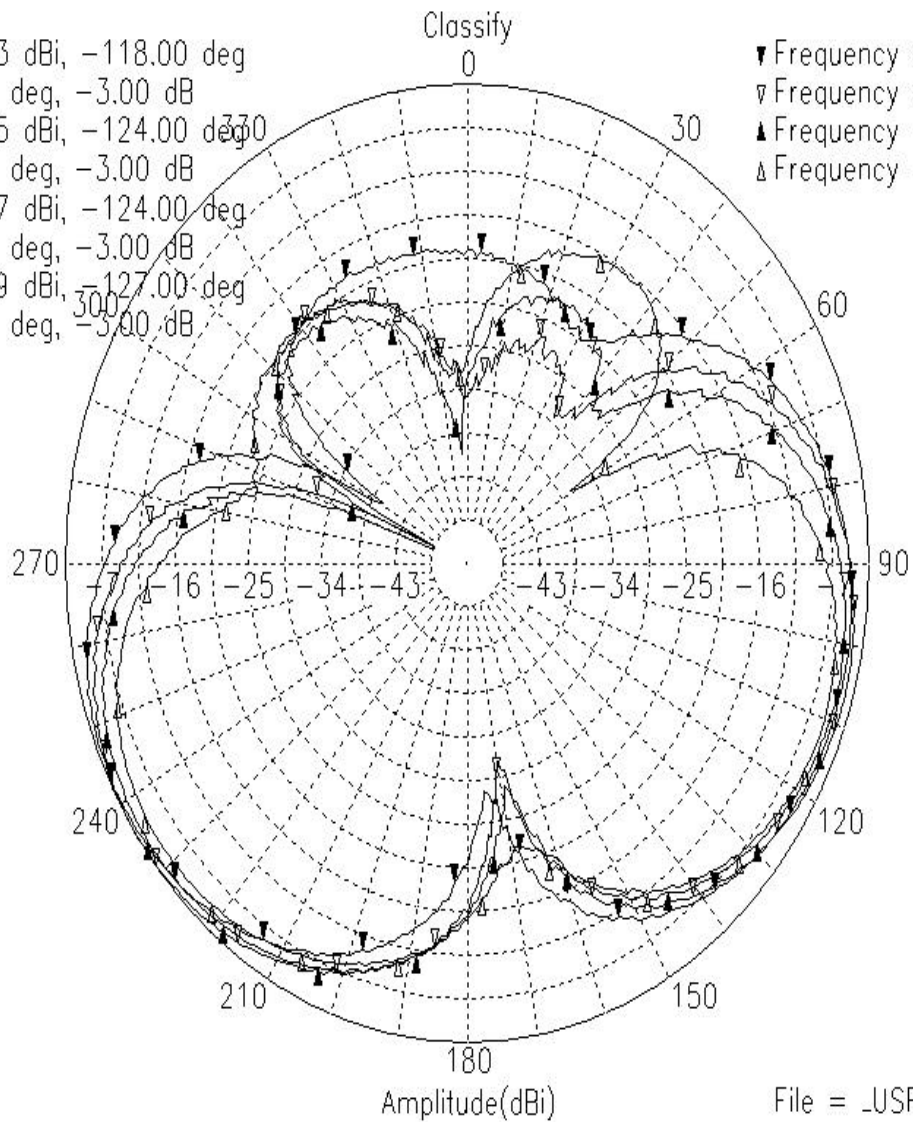


1850MHz ~ 1990MHz (USPCS)

Retracted Antenna (E2 Plane)

Beam Peak = -2.73 dBi, -118.00 deg
Beam Width= 53.79 deg, -3.00 dB
Beam Peak = -2.55 dBi, -124.00 deg
Beam Width= 55.91 deg, -3.00 dB
Beam Peak = -3.27 dBi, -124.00 deg
Beam Width= 55.28 deg, -3.00 dB
Beam Peak = -4.29 dBi, -127.00 deg
Beam Width= 53.99 deg, -3.00 dB

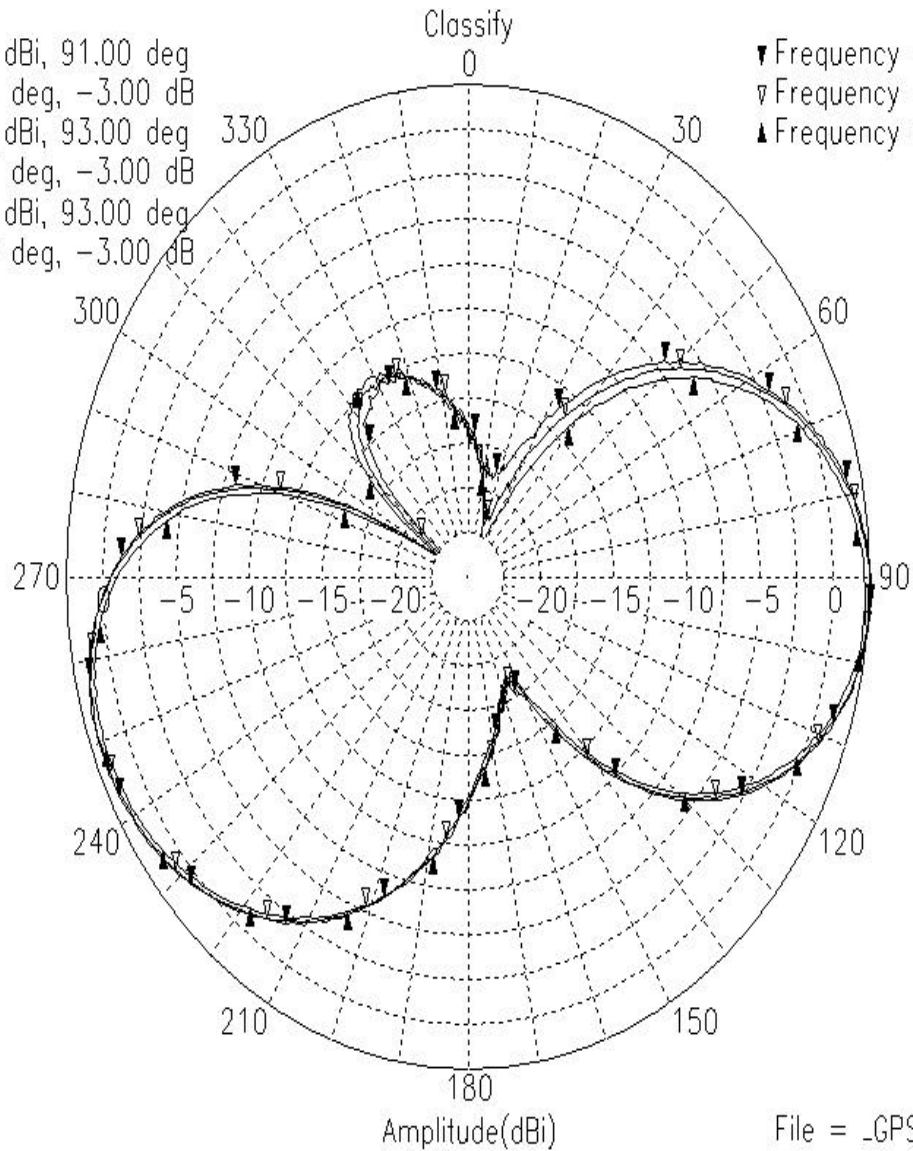
▼ Frequency = 1.850 (GHz)
▽ Frequency = 1.910 (GHz)
▲ Frequency = 1.930 (GHz)
△ Frequency = 1.990 (GHz)



1565MHz ~ 1585MHz (GPS)

Extended Antenna (E2 Plane)

Beam Peak = 2.86 dBi, 91.00 deg
Beam Width= 49.89 deg, -3.00 dB
Beam Peak = 2.78 dBi, 93.00 deg
Beam Width= 49.17 deg, -3.00 dB
Beam Peak = 2.52 dBi, 93.00 deg
Beam Width= 48.00 deg, -3.00 dB



1565MHz ~ 1585MHz (GPS)

Retracted Antenna (E2 Plane)

