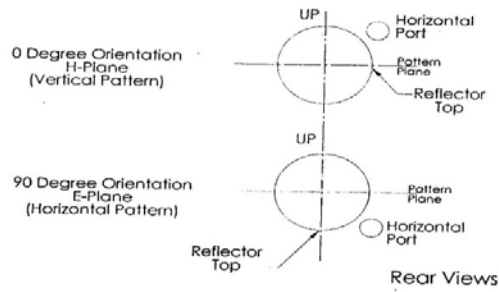
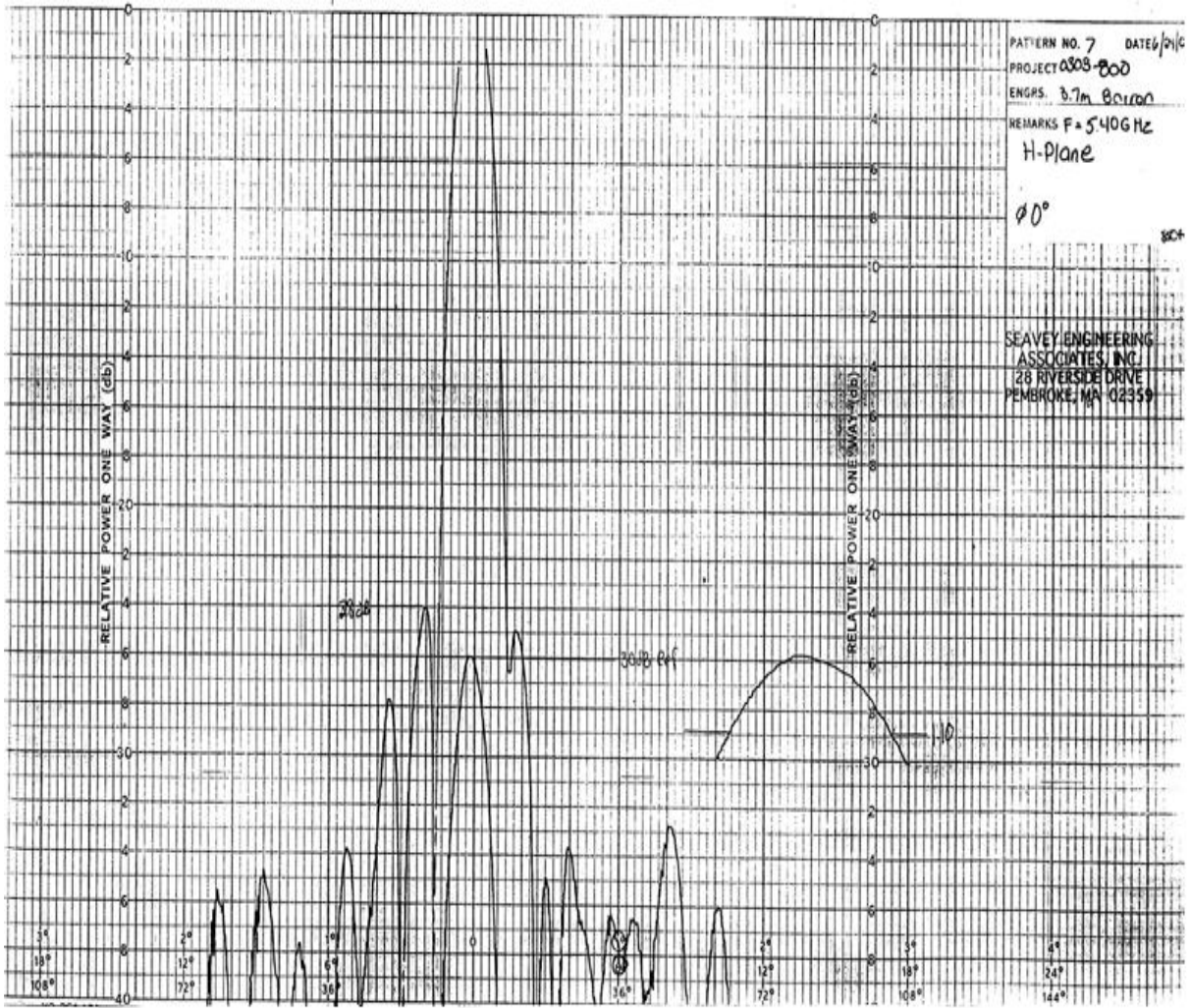


Table 1

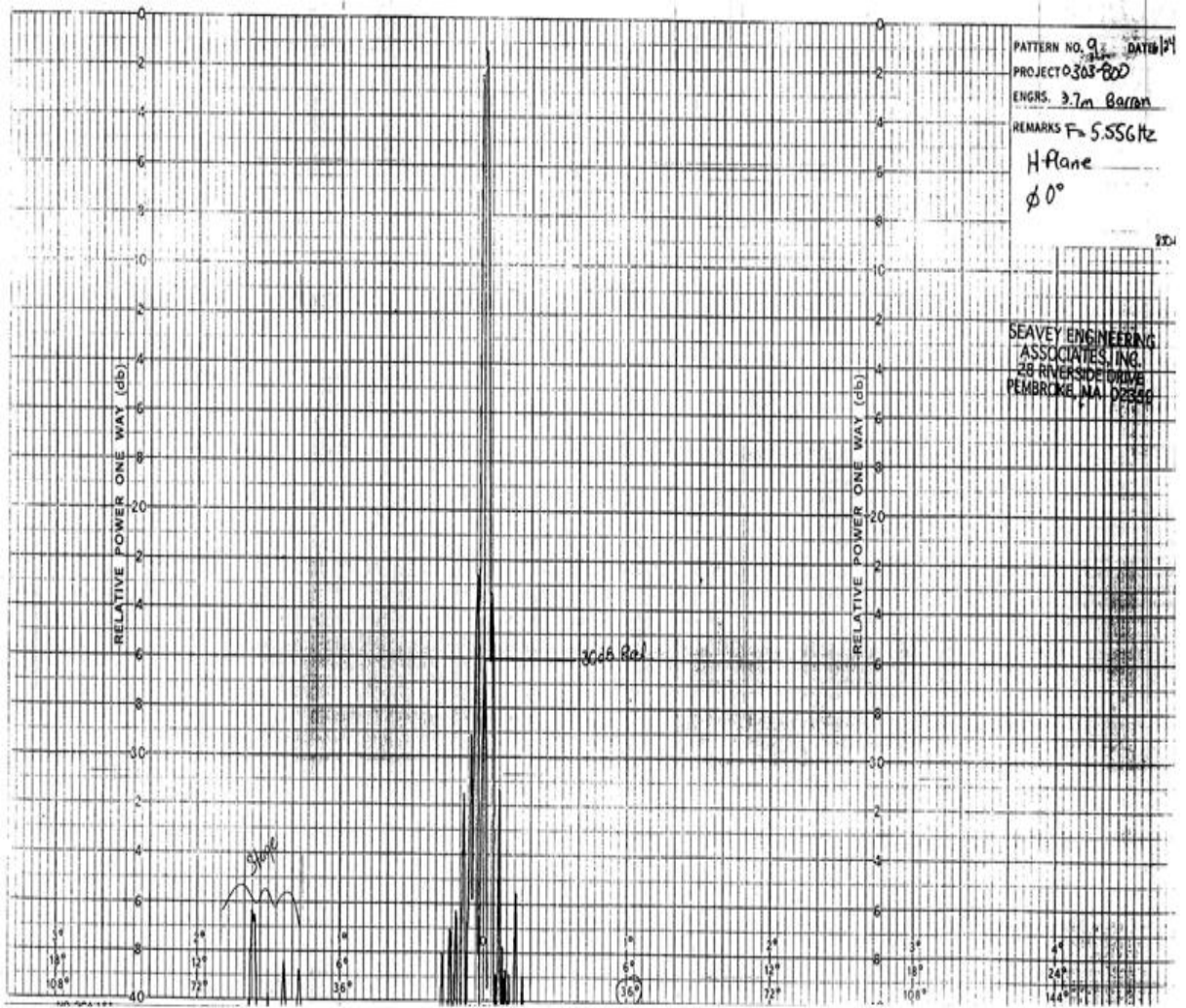
FINAL TEST DATA 3.7 M C-BAND RADAR ANTENNA				
Frequency	5.400 GHz	5.550 GHz	5.700 GHz	Spec'n
Gain	44.0 dBil	44.6 dBil	44.55 dBil	43.0 dBi Nom
3 dB Beamwidth				
Vertical, H-Plane ($\phi=0^\circ$)	1.1 °	1.0 °	1.0 °	1.10 ° Nom
Horizontal, E-Plane ($\phi=90^\circ$)	1.1 °	1.0 °	1.0 °	1.10 ° Nom
Sidelobes				
Vertical, H-Plane ($\phi=0^\circ$)	28.0 dB	27.0 dB	28.4 dB	25.0 dB \pm .5 dB
Horizontal, E-Plane ($\phi=90^\circ$)	27.4 dB	28.3 dB	26.8 dB	25.0 dB \pm .5 dB



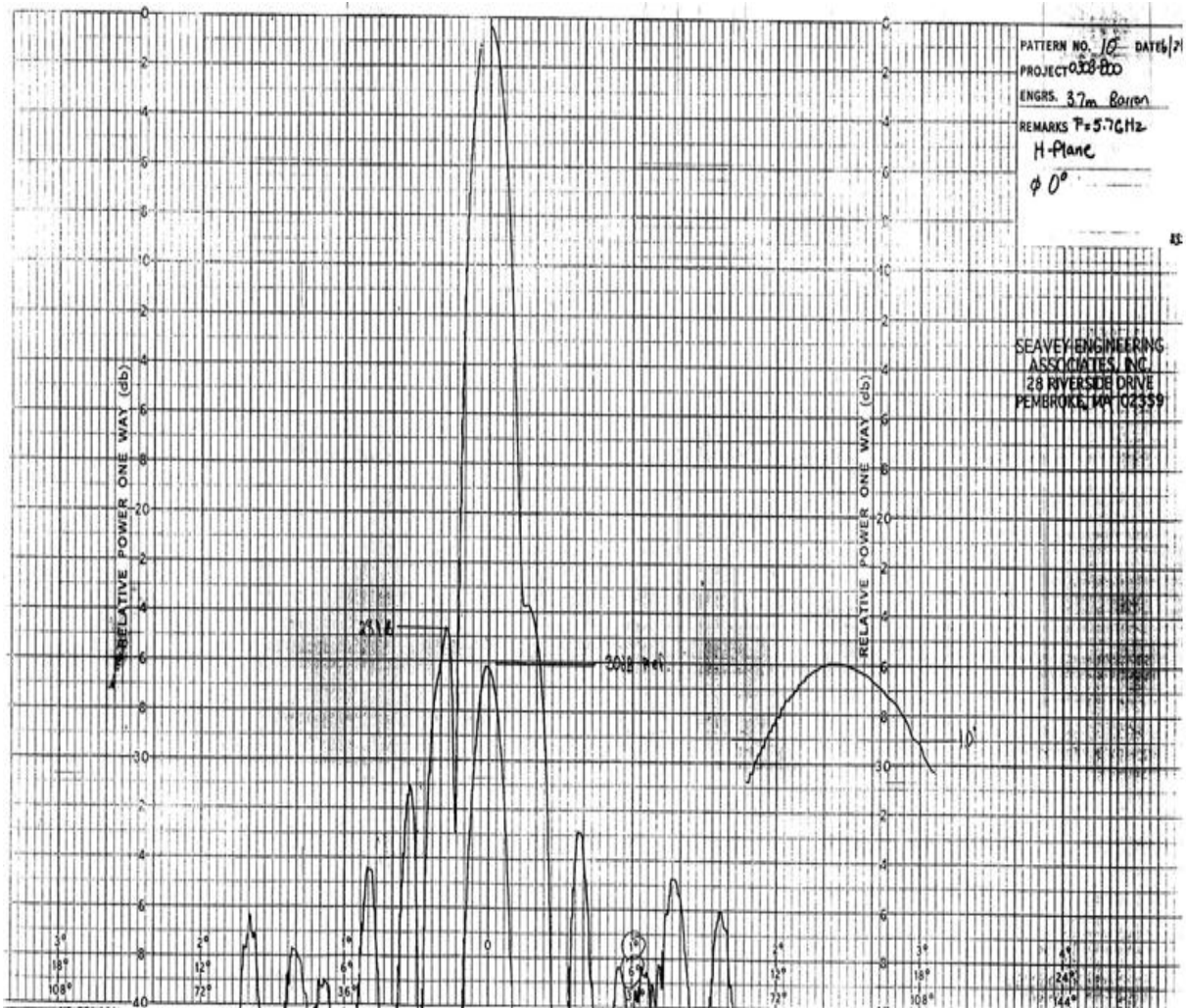
Plot #34: Table containing side lobe information for multiple frequencies



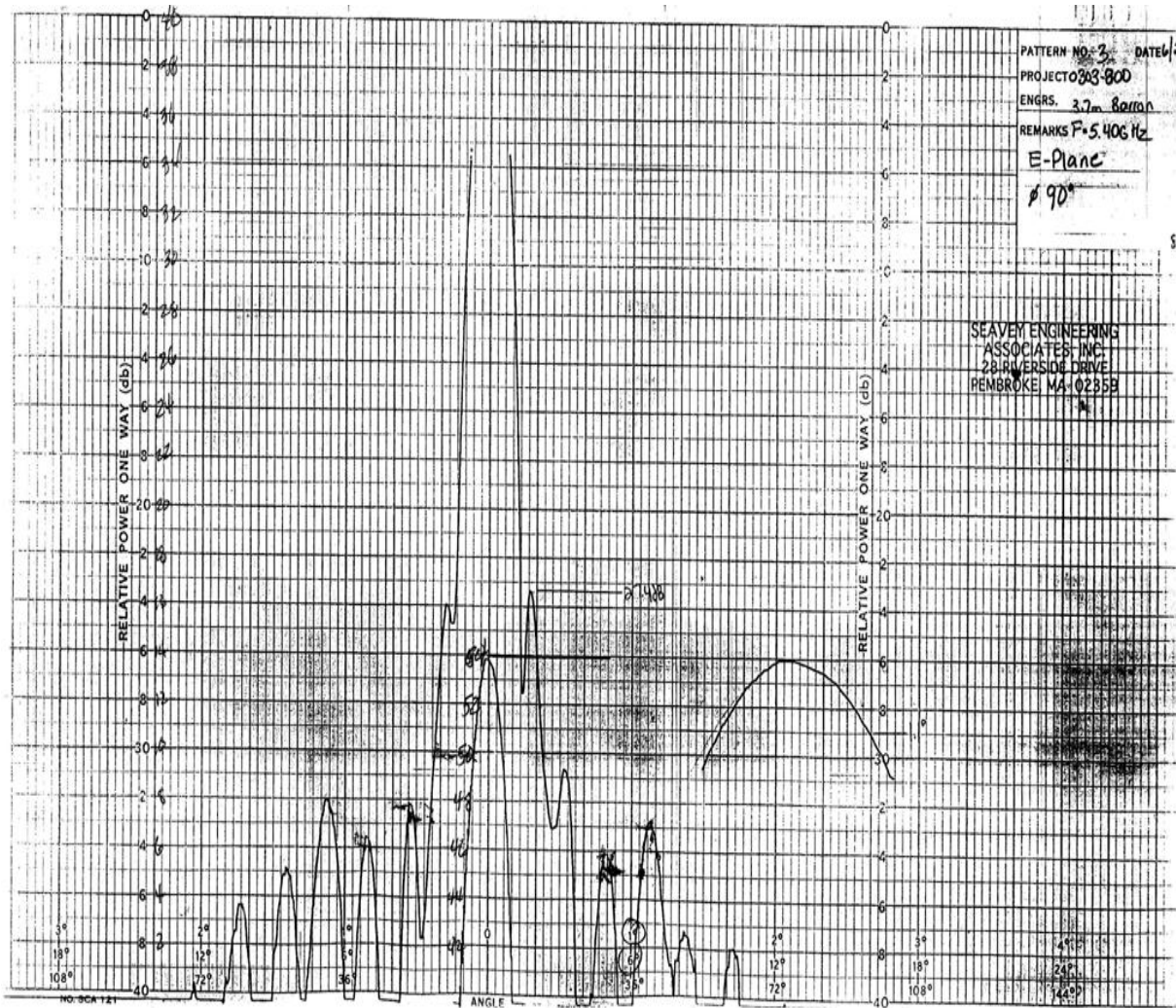
Plot #35: 5400MHz, H-Plane



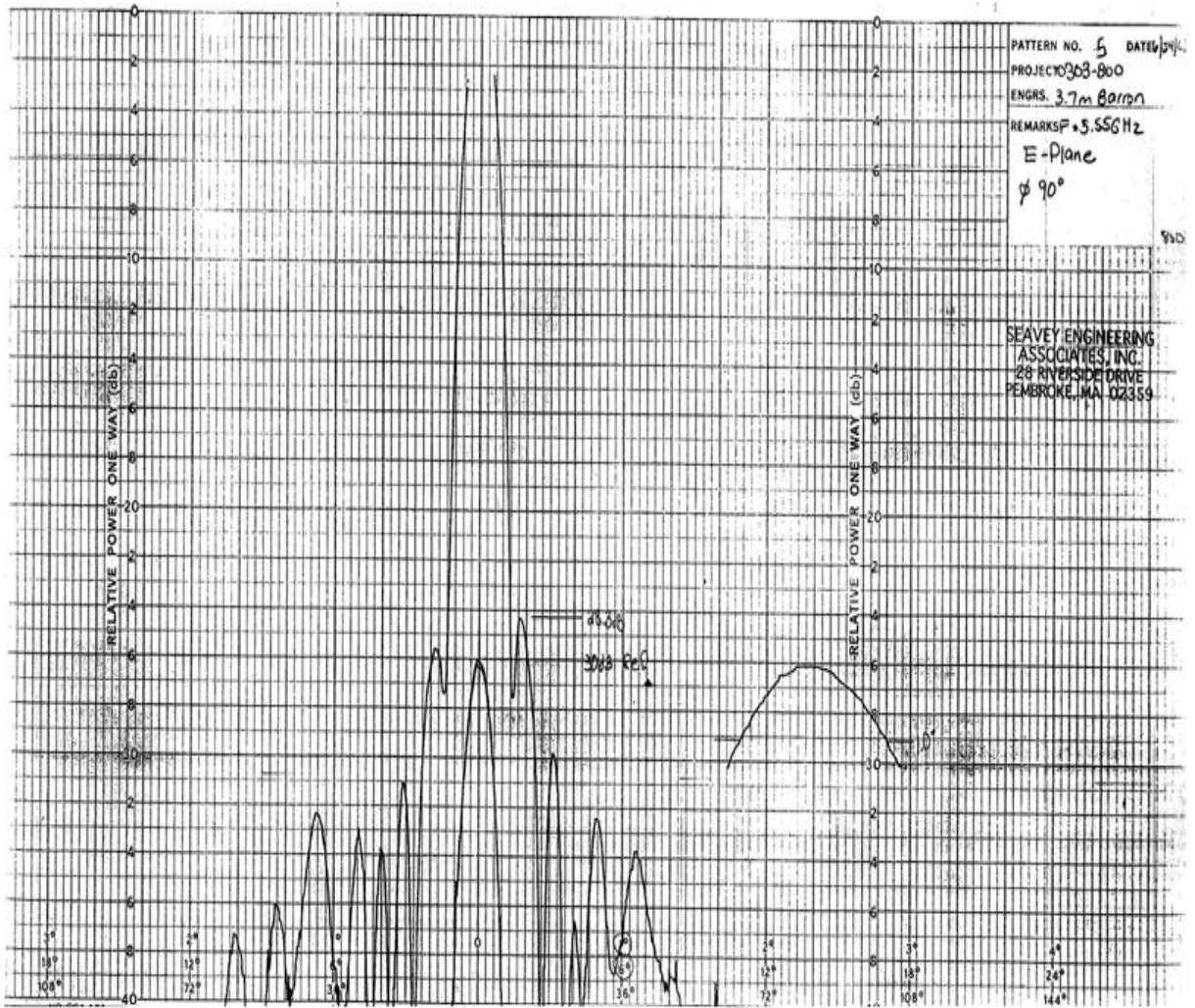
Plot #36: 5550MHz, H-Plane



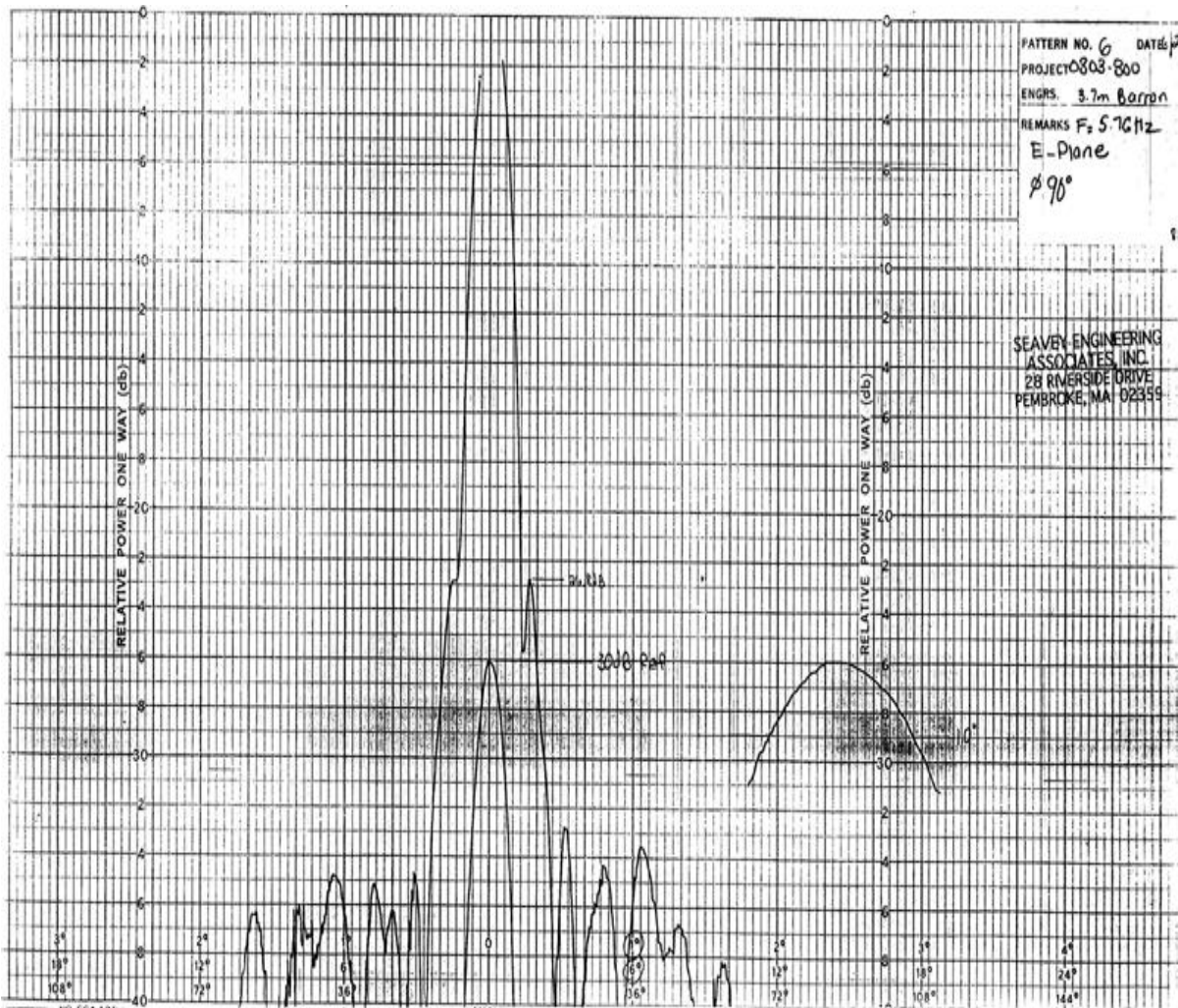
Plot #37: 5700MHz, H-Plane



Plot #38: 5400MHz, V-Plane



Plot #39: 5550MHz, V-Plane



Plot #40: 5700MHz, V-Plane