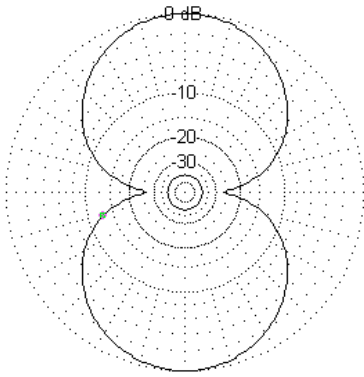
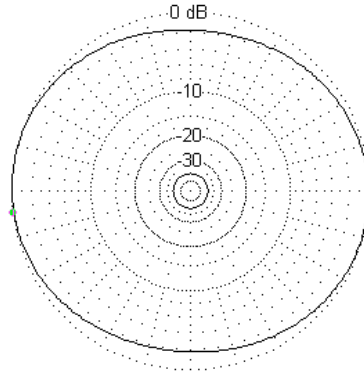


6M HALO VERNON II + OPTIONAL 2M GROUND PLANE

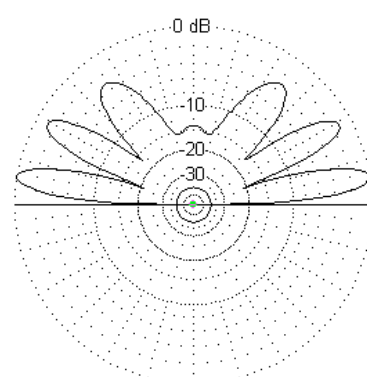
Graph / simulation data from EZNEC v4.0 w/ real, high accuracy ground.



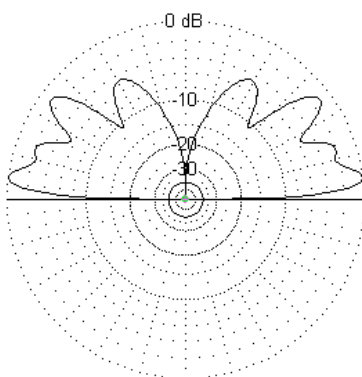
Dipole at 30', 9deg. elev. 50.2MHz
0dB = 7.9dBi



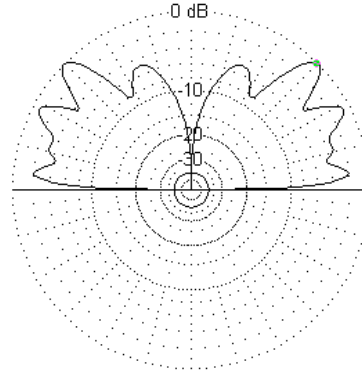
Halo at 30', 9deg. elev. 50.2MHz
0dB = 5.5dBi



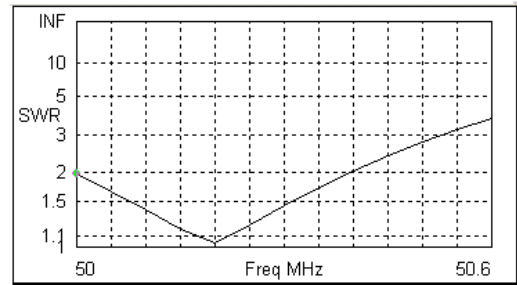
Typical dipole, halo, elevation
pattern at 30' (6M)



Typ. Ground plane at 30', 0dB = 3.45dBi



5/8 wave vert. 0dB = 4.45dBi

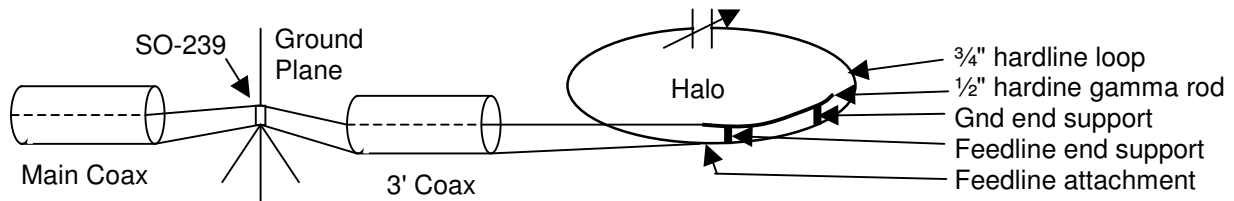


Halo typical SWR - 50-54MHz at 2:1

HALO 6M PATTERN COMPARISON TO OTHER ANTENNA TYPES

SWR MEASURED IN TEST STAND 6' OFF CONCRETE FLOOR

6M FREQ	50	50.1	50.1	50.3	50.4
SWR	1.4	1.2	1.2	1.4	1.7
2M FREQ	144	145	146	147	148
SWR	1.3	1.0	1.05	1.1	1.05



6M HALO VERNON II + OPTIONAL 2M GROUND PLANE

