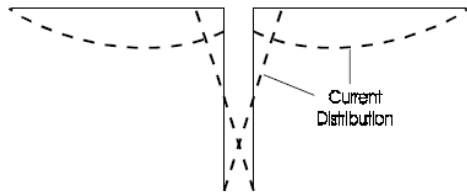
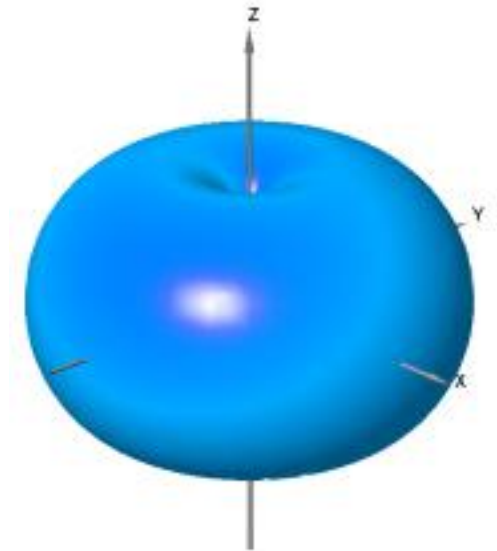


## 40 meter band:

On 40 meters the G5RV functions as "two halfwaves in-phase" fed with a quarter-wave impedance matching transformer. The current distribution of the antenna and transmission line impedance matching section is shown to the left. The horizontal radiation pattern is somewhat narrower than the pattern of a half-wave dipole and is broadside to the radiator on this band. The G5RV has a small amount of gain and radiates at medium wave angles on 40 meters.



*Current Distribution on 40 Meters*



**40**  
METER  
Best Days  
& Evenings