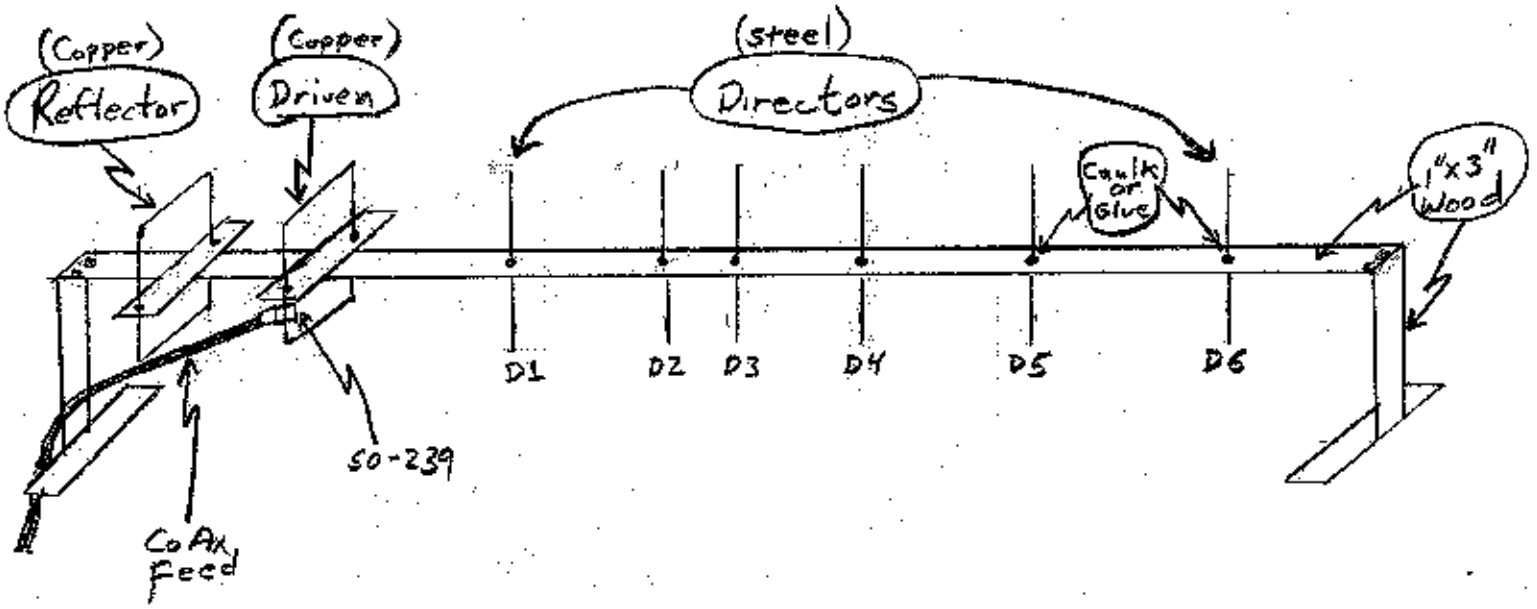
Scan 40

OPARC 444.5 MHz Quagi Antenna

as designed by N6NB

Gain = 13 dBi



Material:

Wood 1"x3" (pine)
Caulk or Glue
1/8" Alum/Steel (metal cloths hangers)
#12 or #14 Wire, 5 feet
SO-239 Connector

Element Sizes

Reflector = 27 1/8" ⊛
Driven = 25 7/8" ⊛
Directors = 11 1/16" for D1
Balance = 1/16" less each director

⊛ Form into closed loop & solder
"Driven" [illegible]

Element Spacing

R - DE = 6.8"
DE - D1 = 5.1"
D1 - D2 = 10.7"
D2 - D3 = 5.68"
D3 - D4 = 8.46"
D4 - D5 = 8.46"
D5 - D6 = 8.46" / 53.66

RJB
2/15/06