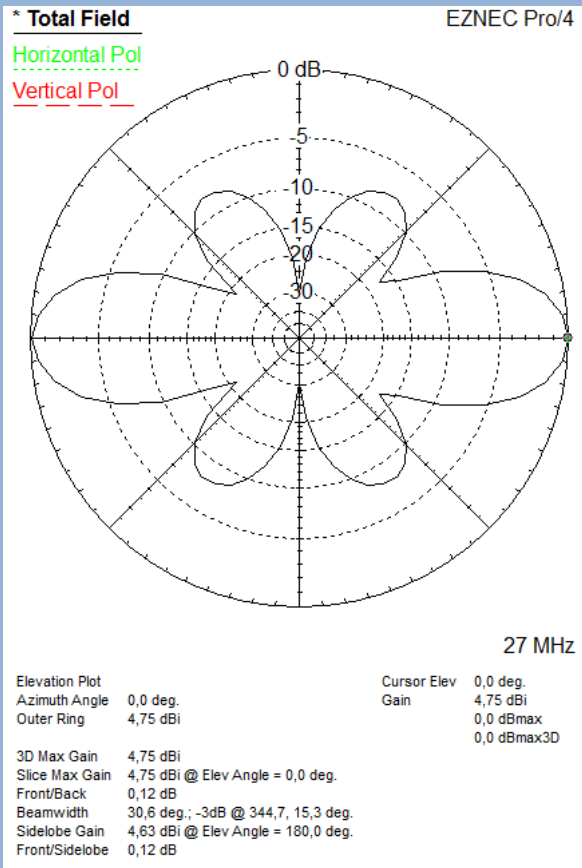
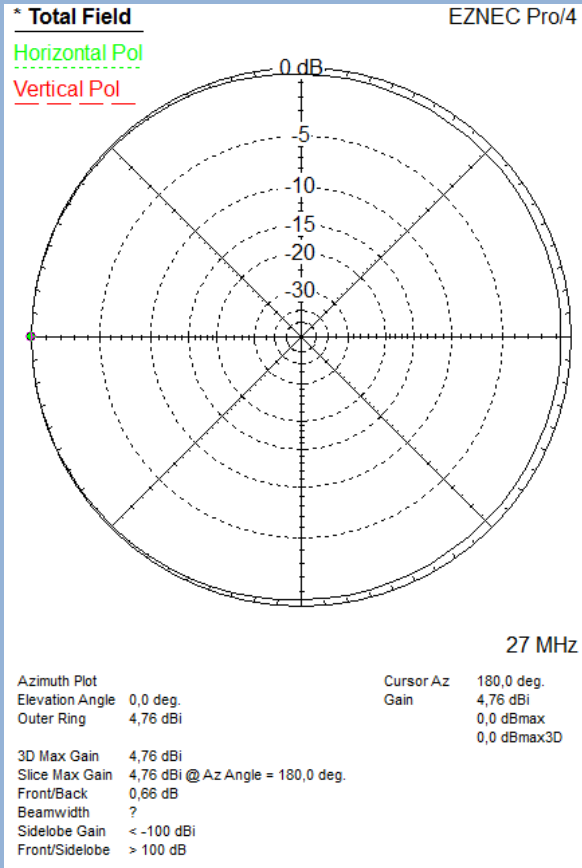


## Double zepp for 27 MHz

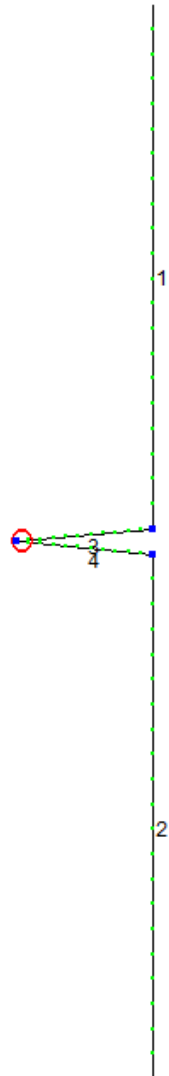
Henry 19DX348 PG0DX



Im using the mast as a reflector to illuminate local QRM.



About 4,75 dBI Gain



Dimension :

Wire DIAMETER 2 mm

NR 1,2 = 6,9 meter (both wires 6.9m)

NR 3,4 = 1,81 meter (both wires are 1,81m long).

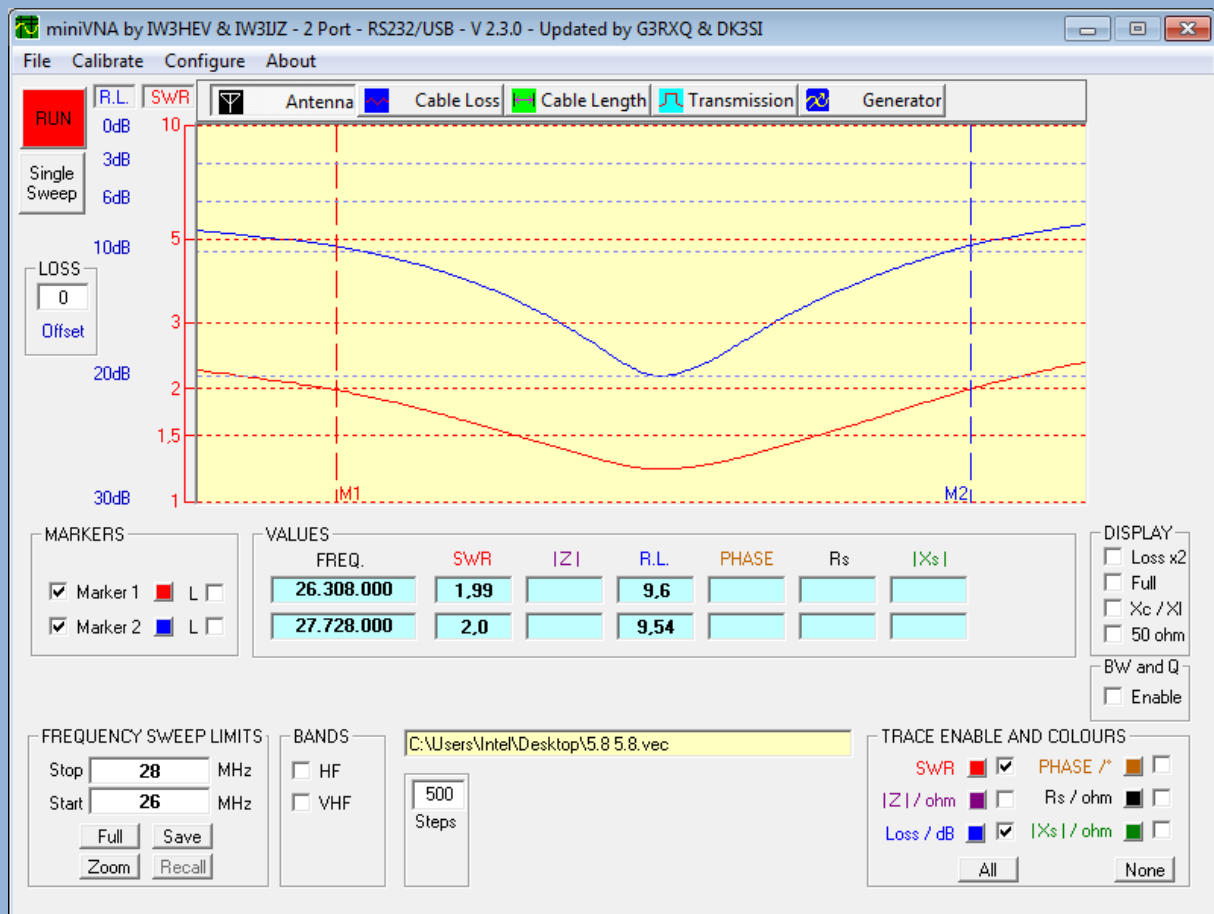
Distance between 1and 2 = 0,4 meter (40cm)

Total height...roughly 14 meters....

Impedance is roughly 50...60 Ohms.

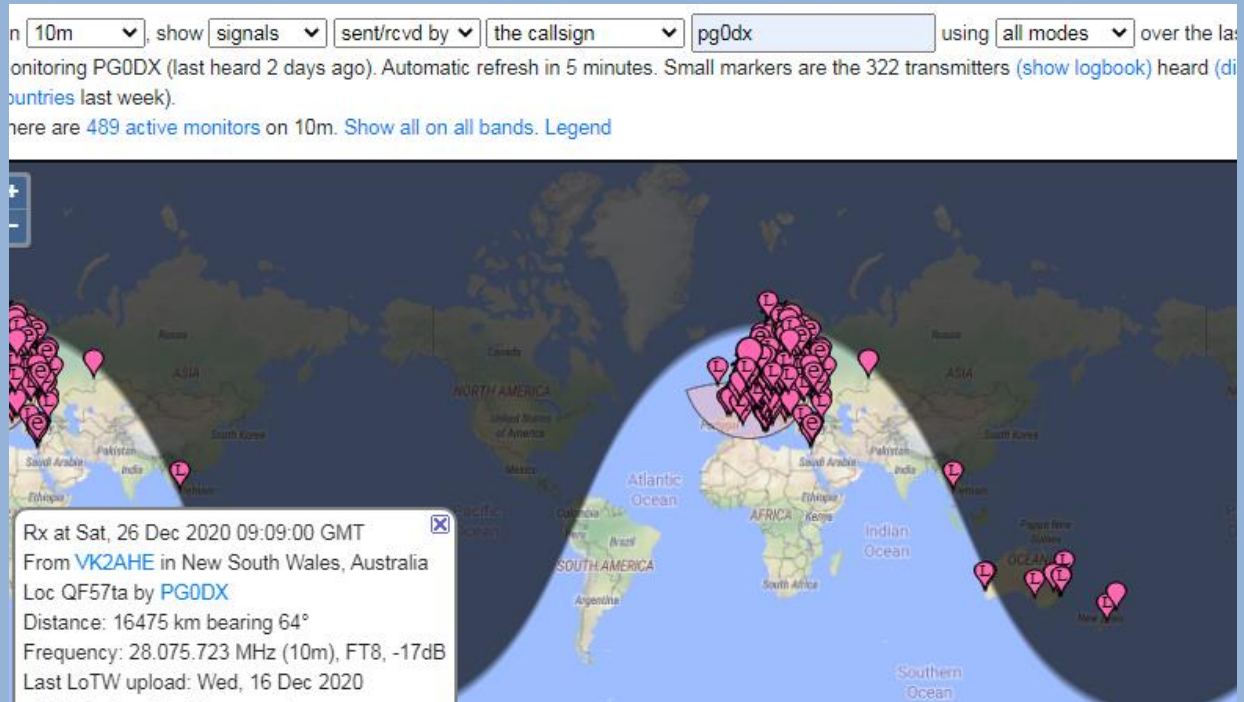
Feeding direct, please us an RF Choke (4...5 turns RG213 10cm diameter)

Do not use metal support poles for the antenna... I have used bamboo for example.



First test on FM gave reports from 70Km using 50W. I could hear “locals” up to about 100km..150Km though they must have used high power hi.

On 10m it gave me the following results a large improvement over the “end fed”.  
In short... an hour work... 20euro’s of total cost...and quite some fun !



Kind regards, Henry PG0DX.