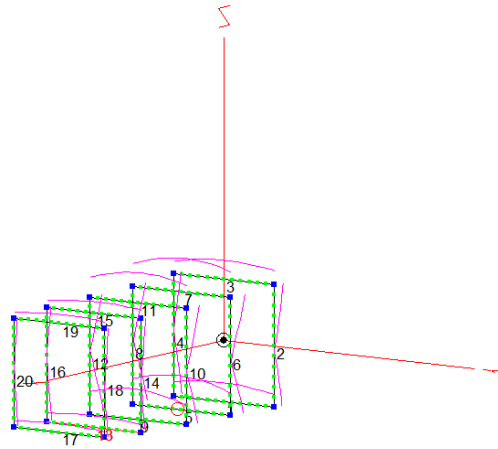


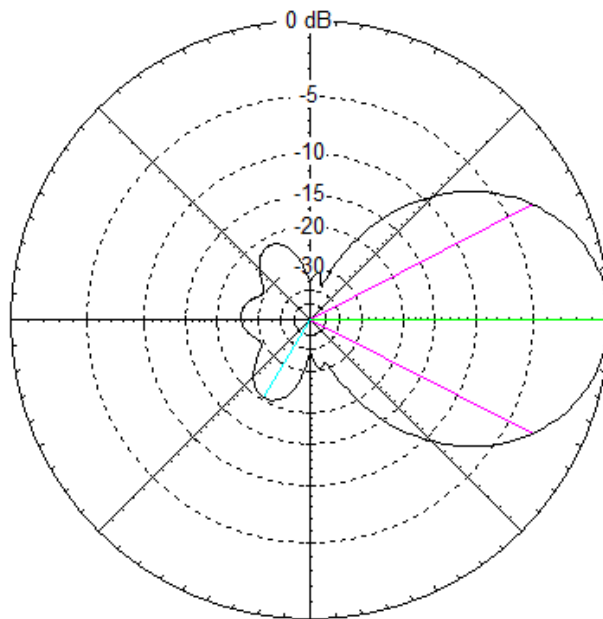
6,70 M 5el Cubical Quad 10,57 dBi

EZNEC Pro/4



Total Field

EZNEC Pro/4



27,555 MHz

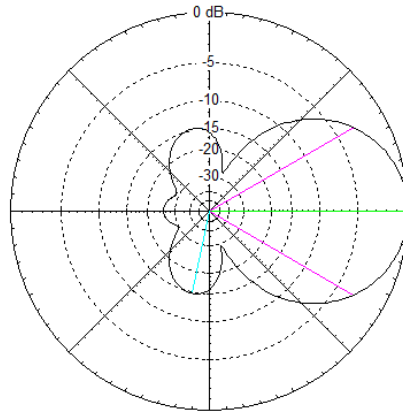
Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 10,57 dBi

Cursor Az 0,0 deg.
Gain 10,57 dBi
0,0 dBmax

Slice Max Gain 10,57 dBi @ Az Angle = 0,0 deg.
Front/Back 25,12 dB
Beamwidth 54,2 deg.; -3dB @ 333,1, 27,3 deg.
Sidelobe Gain -9,88 dBi @ Az Angle = 239,0 deg.
Front/Sidelobe 20,45 dB

Total Field

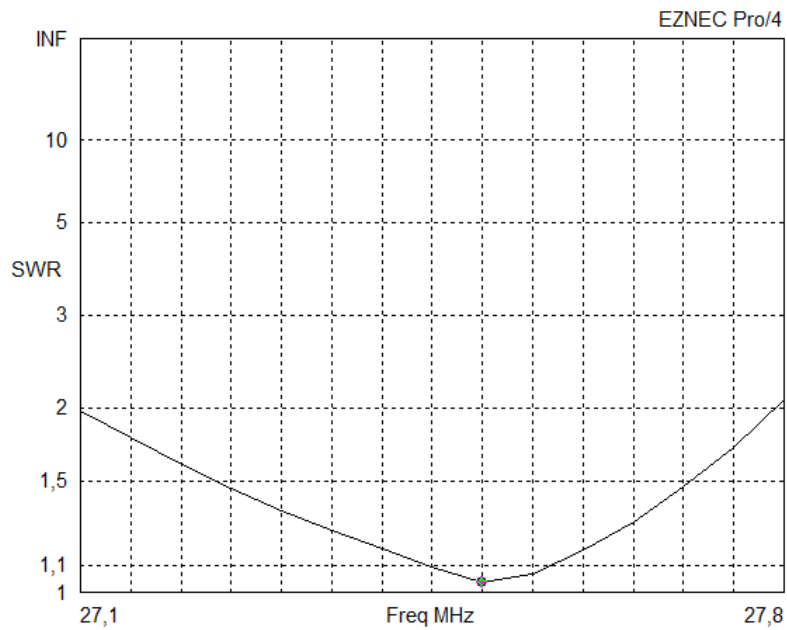
EZNEC Pro/4



Elevation Plot
Azimuth Angle 0,0 deg.
Outer Ring 10,57 dBi

Slice Max Gain 10,57 dBi @ Elev Angle = 0,0 deg.
Front/Back 25,12 dB
Beamwidth 60,1 deg.; -3dB @ 329,9, 30,0 deg.
Sidelobe Gain -4,19 dBi @ Elev Angle = 258,0 deg.
Front/Sidelobe 14,76 dB

27,555 MHz
Cursor Elev 0,0 deg.
Gain 10,57 dBi
0,0 dBmax



Freq 27,5 MHz
SWR 1,034
Z 48,86 at -1,41 deg.
= 48,84 - j 1,203 ohms
Refl Coeff 0,01689 at -133,18 deg.
= -0,01155 - j 0,01231
Ret Loss 35,4 dB

Source # 1
Z0 50 ohms

Element diameter is 4 mm.

Element	Distance	Side
Reflector	0 M	2,90 M
Radiator	1,80 M	2,80 M
Director 1	3,635 M	2,767 M
Director 2	5,30 M	2,70 M
Director 3	6,70 M	2,59 M