



----- 2017-02-04 23:53 ---- (nec2c) -----

Frequency 50.000 MHz

Frequency 52.000 MHz

Frequency 54.000 MHz

Feedpoint(1) - Z: (548.190 + i 900.860) I: (0.0005 - i 0.0008) VSWR(Zo=50 Ω): 40.6:1

Feedpoint(1) - Z: (270.930 + i 565.780) I: (0.0007 - i 0.0014) VSWR(Zo=50 Ω): 29.2:1

Feedpoint(1) - Z: (370.780 + i 405.730) I: (0.0012 - i 0.0013) VSWR(Zo=50 Ω): 16.4:1

Ground - Rel. dielectric constant 13.000, conductivity: 0.00400 mhos/meter. (Sommerfeld/Norton)

Directivity: 14.38 dB

Max gain: 14.19 dBi (azimuth 60 deg., elevation 2 deg.)

Front-to-back ratio: 0.00 dB (elevation 2 deg)

Front-to-back ratio: 0.00 dB (elevation of front lobe)

Front-to-rear ratio: 0.00 dB

Average Gain: 0.9647 (0.156 dB)

Compute time: 0.17 sec