



----- 2017-02-05 00:09 ---- (nec2c) -----

Frequency 50.000 MHz

Frequency 52.000 MHz

Frequency 54.000 MHz

Feedpoint(1) - Z: (2780.500 - i 6.918) I: (0.0004 + i 0.0000) VSWR(Zo=50 Ω): 55.6:1

Feedpoint(2) - Z: (2773.300 - i 12.706) I: (0.0004 + i 0.0000) VSWR(Zo=50 Ω): 55.5:1

Feedpoint(1) - Z: (224.670 + i 133.100) I: (0.0033 - i 0.0020) VSWR(Zo=50 Ω): 6.1:1

Feedpoint(2) - Z: (224.420 + i 132.930) I: (0.0033 - i 0.0020) VSWR(Zo=50 Ω): 6.1:1

Feedpoint(1) - Z: (362.190 + i 919.110) I: (0.0004 - i 0.0009) VSWR(Zo=50 Ω): 54.0:1

Feedpoint(2) - Z: (362.730 + i 920.360) I: (0.0004 - i 0.0009) VSWR(Zo=50 Ω): 54.1:1

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

Directivity: 15.80 dB

Max gain: 13.81 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: 0.6383 (1.950 dB)

Compute time: 0.13 sec