



----- 2017-02-05 00:28 ---- (nec2c) -----

Frequency 14.000 MHz

Frequency 14.175 MHz

Frequency 14.350 MHz

Feedpoint(1) - Z: (321.300 - i 877.950) I: (0.0004 + i 0.0010) VSWR(Zo=50 Ω): 54.5:1

Feedpoint(2) - Z: (320.550 - i 874.810) I: (0.0004 + i 0.0010) VSWR(Zo=50 Ω): 54.3:1

Feedpoint(1) - Z: (254.630 - i 721.570) I: (0.0004 + i 0.0012) VSWR(Zo=50 Ω): 46.2:1

Feedpoint(2) - Z: (254.980 - i 719.060) I: (0.0004 + i 0.0012) VSWR(Zo=50 Ω): 45.8:1

Feedpoint(1) - Z: (210.250 - i 580.150) I: (0.0006 + i 0.0015) VSWR(Zo=50 Ω): 36.4:1

Feedpoint(2) - Z: (211.220 - i 578.390) I: (0.0006 + i 0.0015) VSWR(Zo=50 Ω): 36.1:1

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

Directivity: 13.93 dB

Max gain: 12.90 dBi (azimuth 27 deg., elevation 8 deg.)

Front-to-back ratio: 0.00 dB (elevation 8 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.7959 (0.991 dB)

Compute time: 0.13 sec