



----- 2017-02-05 00:06 ---- (nec2c) -----

Frequency 14.000 MHz

Frequency 14.175 MHz

Frequency 14.350 MHz

Feedpoint(1) - Z: (186.610 - i 740.900) I: (0.0003 + i 0.0013) VSWR(Zo=50 Ω): 62.8:1

Feedpoint(2) - Z: (184.210 - i 738.950) I: (0.0003 + i 0.0013) VSWR(Zo=50 Ω): 63.2:1

Feedpoint(1) - Z: (157.590 - i 605.390) I: (0.0004 + i 0.0015) VSWR(Zo=50 Ω): 50.0:1

Feedpoint(2) - Z: (156.240 - i 603.530) I: (0.0004 + i 0.0016) VSWR(Zo=50 Ω): 50.1:1

Feedpoint(1) - Z: (137.130 - i 482.220) I: (0.0005 + i 0.0019) VSWR(Zo=50 Ω): 37.0:1

Feedpoint(2) - Z: (136.540 - i 480.600) I: (0.0005 + i 0.0019) VSWR(Zo=50 Ω): 36.9:1

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

Directivity: 13.07 dB

Max gain: 12.13 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: 0.8127 (0.901 dB)

Compute time: 0.12 sec