



----- 2017-02-05 00:24 ---- (nec2c) -----

Frequency 3.500 MHz

Frequency 3.700 MHz

Frequency 4.000 MHz

Feedpoint(1) - Z: (231.600 + i 330.160) I: (0.0014 - i 0.0020) VSWR(Zo=50 Ω): 14.2:1

Feedpoint(2) - Z: (227.650 + i 328.560) I: (0.0014 - i 0.0021) VSWR(Zo=50 Ω): 14.2:1

Feedpoint(1) - Z: (283.420 + i 459.500) I: (0.0010 - i 0.0016) VSWR(Zo=50 Ω): 20.7:1

Feedpoint(2) - Z: (278.310 + i 459.120) I: (0.0010 - i 0.0016) VSWR(Zo=50 Ω): 20.8:1

Feedpoint(1) - Z: (387.300 + i 661.750) I: (0.0007 - i 0.0011) VSWR(Zo=50 Ω): 30.5:1

Feedpoint(2) - Z: (380.970 + i 664.930) I: (0.0006 - i 0.0011) VSWR(Zo=50 Ω): 30.9:1

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

Directivity: 8.55 dB

Max gain: 7.98 dBi (azimuth 180 deg., elevation 26 deg.)

Front-to-back ratio: 0.00 dB (elevation 26 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.8347 (0.784 dB)

Compute time: 0.13 sec