



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

Frequency 28.000 MHz

Frequency 28.850 MHz

Frequency 29.700 MHz

Feedpoint(1) - Z: (188.630 + i 325.870) I: (0.0013 - i 0.0023) VSWR(Zo=50 Ω): 15.2:1

Feedpoint(2) - Z: (188.490 + i 326.810) I: (0.0013 - i 0.0023) VSWR(Zo=50 Ω): 15.3:1

Feedpoint(1) - Z: (351.710 + i 724.250) I: (0.0005 - i 0.0011) VSWR(Zo=50 Ω): 37.0:1

Feedpoint(2) - Z: (352.870 + i 724.730) I: (0.0005 - i 0.0011) VSWR(Zo=50 Ω): 36.9:1

Feedpoint(1) - Z: (736.320 + i 1145.100) I: (0.0004 - i 0.0006) VSWR(Zo=50 Ω): 50.4:1

Feedpoint(2) - Z: (737.130 + i 1143.600) I: (0.0004 - i 0.0006) VSWR(Zo=50 Ω): 50.3:1

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

Directivity: 15.71 dB

Max gain: 14.14 dBi (azimuth 63 deg., elevation 4 deg.)

Front-to-back ratio: 0.00 dB (elevation 4 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.7018 (1.538 dB)

Compute time: 0.12 sec