



----- 2017-02-05 00:32 ---- (nec2c) -----

Frequency 28.000 MHz

Frequency 28.850 MHz

Frequency 29.700 MHz

Feedpoint(1) - Z: (161.500 + i 277.970) I: (0.0016 - i 0.0027) VSWR(Zo=50 Ω): 13.0:1

Feedpoint(2) - Z: (161.210 + i 278.450) I: (0.0016 - i 0.0027) VSWR(Zo=50 Ω): 13.1:1

Feedpoint(1) - Z: (266.970 + i 687.860) I: (0.0005 - i 0.0013) VSWR(Zo=50 Ω): 40.9:1

Feedpoint(2) - Z: (267.900 + i 688.370) I: (0.0005 - i 0.0013) VSWR(Zo=50 Ω): 40.9:1

Feedpoint(1) - Z: (558.980 + i 1209.500) I: (0.0003 - i 0.0007) VSWR(Zo=50 Ω): 63.6:1

Feedpoint(2) - Z: (559.560 + i 1207.700) I: (0.0003 - i 0.0007) VSWR(Zo=50 Ω): 63.4:1

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

Directivity: 16.64 dB

Max gain: 15.72 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: 0.8168 (0.879 dB)

Compute time: 0.13 sec