



----- 2017-02-04 23:52 ---- (nec2c) -----

Frequency 28.000 MHz

Frequency 28.850 MHz

Frequency 29.700 MHz

Feedpoint(1) - Z: (479.620 + i 807.340) I: (0.0005 - i 0.0009) VSWR(Zo=50 Ω): 36.8:1

Feedpoint(1) - Z: (334.370 - i 505.470) I: (0.0009 + i 0.0014) VSWR(Zo=50 Ω): 22.1:1

Feedpoint(1) - Z: (214.450 + i 252.830) I: (0.0020 - i 0.0023) VSWR(Zo=50 Ω): 10.4:1

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

Directivity: 13.67 dB

Max gain: 13.38 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: 0.9425 (0.257 dB)

Compute time: 0.17 sec