



----- 2017-02-04 23:43 ---- (nec2c) -----

Frequency 7.000 MHz

Frequency 7.150 MHz

Frequency 7.300 MHz

Feedpoint(1) - Z: (183.730 - i 901.090) I: (0.0002 + i 0.0011) VSWR(Zo=50 Ω): 92.3:1

Feedpoint(1) - Z: (110.850 - i 609.070) I: (0.0003 + i 0.0016) VSWR(Zo=50 Ω): 69.6:1

Feedpoint(1) - Z: (77.982 - i 408.360) I: (0.0005 + i 0.0024) VSWR(Zo=50 Ω): 44.9:1

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

Directivity: 11.94 dB

Max gain: 11.48 dBi (azimuth 180 deg., elevation 13 deg.)

Front-to-back ratio: 0.00 dB (elevation 13 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.8627 (0.642 dB)

Compute time: 0.23 sec