



----- 2017-02-16 00:29 ---- (nec2c) -----

Frequency 7.000 MHz

Frequency 7.150 MHz

Frequency 7.300 MHz

Feedpoint(1) - Z: (44.634 - i 62.648) I: (0.0075 + i 0.0106) VSWR($Z_0=50\ \Omega$): 3.5:1

Feedpoint(1) - Z: (46.146 + i 6.417) I: (0.0213 - i 0.0030) VSWR($Z_0=50\ \Omega$): 1.2:1

Feedpoint(1) - Z: (48.511 + i 76.013) I: (0.0060 - i 0.0093) VSWR($Z_0=50\ \Omega$): 4.1:1

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

Directivity: 7.00 dB

Max gain: 3.94 dBi (azimuth 180 deg., elevation 25 deg.)

Front-to-back ratio: 0.00 dB (elevation 25 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.4843 (3.149 dB)

Compute time: 0.63 sec