



----- 2017-02-05 00:25 ---- (nec2c) -----

Frequency 7.000 MHz

Frequency 7.150 MHz

Frequency 7.300 MHz

Feedpoint(1) - Z: (900.480 - i 1713.400) I: (0.0002 + i 0.0005) VSWR(Zo=50 Ω): 83.3:1

Feedpoint(2) - Z: (918.720 - i 1731.100) I: (0.0002 + i 0.0005) VSWR(Zo=50 Ω): 83.7:1

Feedpoint(1) - Z: (694.270 - i 1531.100) I: (0.0002 + i 0.0005) VSWR(Zo=50 Ω): 81.5:1

Feedpoint(2) - Z: (701.870 - i 1549.300) I: (0.0002 + i 0.0005) VSWR(Zo=50 Ω): 82.5:1

Feedpoint(1) - Z: (544.410 - i 1357.200) I: (0.0003 + i 0.0006) VSWR(Zo=50 Ω): 78.6:1

Feedpoint(2) - Z: (544.670 - i 1372.600) I: (0.0002 + i 0.0006) VSWR(Zo=50 Ω): 80.2:1

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

Directivity: 11.68 dB

Max gain: 11.28 dBi (azimuth 180 deg., elevation 14 deg.)

Front-to-back ratio: 0.00 dB (elevation 14 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.8551 (0.680 dB)

Compute time: 0.11 sec