



----- 2017-02-05 00:04 ---- (nec2c) -----

Frequency 3.500 MHz

Frequency 3.700 MHz

Frequency 4.000 MHz

Feedpoint(1) - Z: (175.670 + i 268.100) I: (0.0017 - i 0.0026) VSWR(Zo=50 Ω): 11.9:1

Feedpoint(2) - Z: (175.560 + i 262.560) I: (0.0018 - i 0.0026) VSWR(Zo=50 Ω): 11.6:1

Feedpoint(1) - Z: (206.390 + i 384.980) I: (0.0011 - i 0.0020) VSWR(Zo=50 Ω): 18.7:1

Feedpoint(2) - Z: (204.890 + i 378.530) I: (0.0011 - i 0.0020) VSWR(Zo=50 Ω): 18.3:1

Feedpoint(1) - Z: (264.860 + i 570.400) I: (0.0007 - i 0.0014) VSWR(Zo=50 Ω): 30.0:1

Feedpoint(2) - Z: (259.890 + i 563.300) I: (0.0007 - i 0.0015) VSWR(Zo=50 Ω): 29.8:1

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

Directivity: 7.88 dB

Max gain: 8.31 dBi (azimuth 180 deg., elevation 28 deg.)

Front-to-back ratio: 0.00 dB (elevation 28 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.9677 (0.142 dB)

Compute time: 0.18 sec