



----- 2017-02-05 00:32 ---- (nec2c) -----

Frequency 50.000 MHz

Frequency 52.000 MHz

Frequency 54.000 MHz

Feedpoint(1) - Z: (2805.300 + i 186.310) I: (0.0004 - i 0.0000) VSWR(Zo=50 Ω): 56.4:1

Feedpoint(2) - Z: (2803.700 + i 185.460) I: (0.0004 - i 0.0000) VSWR(Zo=50 Ω): 56.3:1

Feedpoint(1) - Z: (216.370 + i 110.270) I: (0.0037 - i 0.0019) VSWR(Zo=50 Ω): 5.5:1

Feedpoint(2) - Z: (216.230 + i 110.500) I: (0.0037 - i 0.0019) VSWR(Zo=50 Ω): 5.5:1

Feedpoint(1) - Z: (321.800 + i 901.350) I: (0.0004 - i 0.0010) VSWR(Zo=50 Ω): 57.1:1

Feedpoint(2) - Z: (321.920 + i 900.770) I: (0.0004 - i 0.0010) VSWR(Zo=50 Ω): 57.0:1

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

Directivity: 16.79 dB

Max gain: 14.87 dBi (azimuth 60 deg., elevation 2 deg.)

Front-to-back ratio: 0.00 dB (elevation 2 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.6483 (1.882 dB)

Compute time: 0.13 sec