



----- 2017-02-05 00:07 ---- (nec2c) -----

Frequency 21.000 MHz

Frequency 21.225 MHz

Frequency 21.450 MHz

Feedpoint(1) - Z: (132.750 - i 162.430) I: (0.0030 + i 0.0037) VSWR(Zo=50 Ω): 6.9:1

Feedpoint(2) - Z: (132.550 - i 163.190) I: (0.0030 + i 0.0037) VSWR(Zo=50 Ω): 6.9:1

Feedpoint(1) - Z: (126.470 - i 32.808) I: (0.0074 + i 0.0019) VSWR(Zo=50 Ω): 2.7:1

Feedpoint(2) - Z: (126.130 - i 33.130) I: (0.0074 + i 0.0019) VSWR(Zo=50 Ω): 2.7:1

Feedpoint(1) - Z: (129.000 + i 91.626) I: (0.0052 - i 0.0037) VSWR(Zo=50 Ω): 4.0:1

Feedpoint(2) - Z: (128.640 + i 91.596) I: (0.0052 - i 0.0037) VSWR(Zo=50 Ω): 4.0:1

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

Directivity: 13.70 dB

Max gain: 12.47 dBi (azimuth 66 deg., elevation 6 deg.)

Front-to-back ratio: 0.00 dB (elevation 6 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.7600 (1.192 dB)

Compute time: 0.12 sec