



----- 2017-02-04 23:46 ---- (nec2c) -----

Frequency 21.000 MHz

Frequency 21.225 MHz

Frequency 21.450 MHz

Feedpoint(1) - Z: (98.721 + i 158.570) I: (0.0028 - i 0.0045) VSWR(Zo=50 Ω): 7.4:1

Feedpoint(1) - Z: (152.570 + i 414.650) I: (0.0008 - i 0.0021) VSWR(Zo=50 Ω): 25.9:1

Feedpoint(1) - Z: (347.120 + i 813.690) I: (0.0004 - i 0.0010) VSWR(Zo=50 Ω): 45.2:1

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

Directivity: 11.99 dB

Max gain: 11.63 dBi (azimuth 66 deg., elevation 4 deg.)

Front-to-back ratio: 0.00 dB (elevation 4 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 0.9286 (0.322 dB)

Compute time: 0.19 sec