



----- 2019-1-29 12:38 ---- (nec2c) -----

Frequency 7.100 MHz

Frequency 14.100 MHz

Frequency 21.100 MHz

Frequency 28.100 MHz

Feedpoint(1) - Z: (17.514 + i 24.883) I: (0.0189 - i 0.0269) VSWR(Zo=50 Ω): 3.6:1

Feedpoint(1) - Z: (135.290 - i 402.510) I: (0.0008 + i 0.0022) VSWR(Zo=50 Ω): 27.0:1

Feedpoint(1) - Z: (76.562 + i 363.000) I: (0.0006 - i 0.0026) VSWR(Zo=50 Ω): 36.6:1

Feedpoint(1) - Z: (118.610 - i 359.460) I: (0.0008 + i 0.0025) VSWR(Zo=50 Ω): 24.5:1

Antenna is in free space.

Directivity: 1.98 dB

Max gain: 5.58 dBi (azimuth 0 deg., elevation 90 deg.)

Front-to-back ratio: 0.01 dB (elevation 89 deg)

Front-to-back ratio: 2.53 dB (elevation of front lobe)

Front-to-rear ratio: 0.01 dB

Average Gain: 1.2882 (1.100 dB)

Compute time: 0.17 sec