



----- 2019-1-29 12:13 ---- (nec2c) -----

Frequency 3.500 MHz

Frequency 7.100 MHz

Frequency 14.100 MHz

Frequency 21.100 MHz

Frequency 28.100 MHz

Feedpoint(1) - Z: (14.703 + i 20.686) I: (0.0228 - i 0.0321) VSWR(Zo=50 Ω): 4.0:1

Feedpoint(1) - Z: (129.550 - i 407.230) I: (0.0007 + i 0.0022) VSWR(Zo=50 Ω): 28.5:1

Feedpoint(1) - Z: (100.540 - i 333.240) I: (0.0008 + i 0.0028) VSWR(Zo=50 Ω): 24.6:1

Feedpoint(1) - Z: (62.915 - i 122.430) I: (0.0033 + i 0.0065) VSWR(Zo=50 Ω): 6.7:1

Feedpoint(1) - Z: (125.840 + i 216.950) I: (0.0020 - i 0.0034) VSWR(Zo=50 Ω): 10.3:1

Antenna is in free space.

Directivity: 1.96 dB

Max gain: 6.41 dBi (azimuth 180 deg., elevation 42 deg.)

Front-to-back ratio: 0.00 dB (elevation 42 deg)

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

Front-to-rear ratio: 0.00 dB

Average Gain: 1.4733 (1.683 dB)

Compute time: 0.18 sec