--------- 2017-02-04 23:42 ---- (nec2c) -----

Frequency 1.800 MHz
Frequency 1.900 MHz
Frequency 2.000 MHz
Feedpoint(1) - Z: (15.555 + i 663.780)   I: (0.0000 - i 0.0015)   VSWR(Zo=50 Ω): 99.0:1
Feedpoint(1) - Z: (28.801 + i 901.160)   I: (0.0000 - i 0.0011)   VSWR(Zo=50 Ω): 99.0:1
Feedpoint(1) - Z: (61.478 + i 1280.900)   I: (0.0000 - i 0.0008)   VSWR(Zo=50 Ω): 99.0:1
Ground - Rel. dielectric constant 13.000, conductivity: 0.00400 mhos/meter. (Sommerfeld/Norton)
Directivity: 6.83 dB
Max gain: 8.04 dBi (azimuth 180 deg., elevation 50 deg.)
Front-to-back ratio: 0.00 dB (elevation 52 deg)
Front-to-back ratio: 0.00 dB (elevation of front lobe)
Front-to-rear ratio: 0.00 dB
Average Gain: 1.3013 (1.144 dB)
Compute time: 0.43 sec