



----- 2017-02-05 00:29 ---- (nec2c) -----

Frequency 18.068 MHz

Frequency 18.168 MHz

Feedpoint(1) - Z: (1512.300 + i 1691.700) I: (0.0003 - i 0.0003) VSWR(Zo=50 Ω): 68.1:1

Feedpoint(2) - Z: (1515.500 + i 1689.700) I: (0.0003 - i 0.0003) VSWR(Zo=50 Ω): 68.0:1

Feedpoint(1) - Z: (1765.500 + i 1756.000) I: (0.0003 - i 0.0003) VSWR(Zo=50 Ω): 70.3:1

Feedpoint(2) - Z: (1768.800 + i 1752.500) I: (0.0003 - i 0.0003) VSWR(Zo=50 Ω): 70.1:1

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

Directivity: 14.43 dB

Max gain: 13.56 dBi (azimuth 45 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: 0.8247 (0.837 dB)

Compute time: 0.09 sec