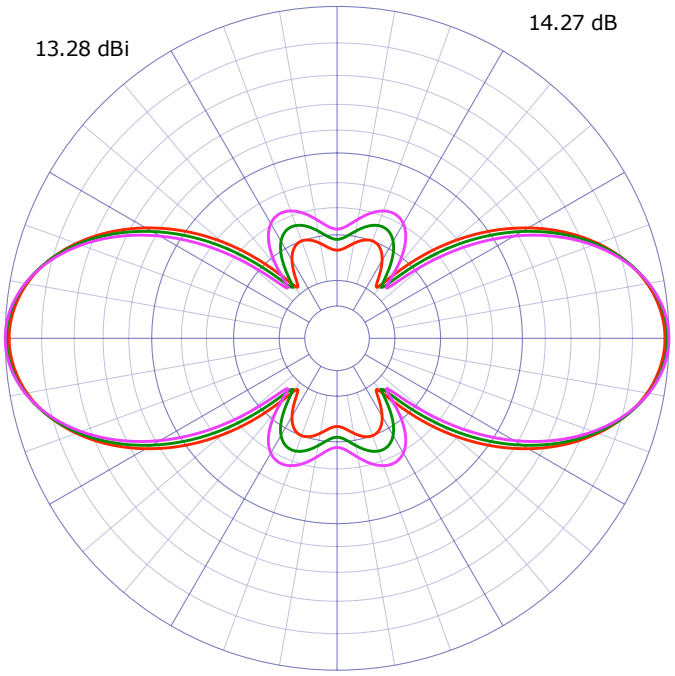

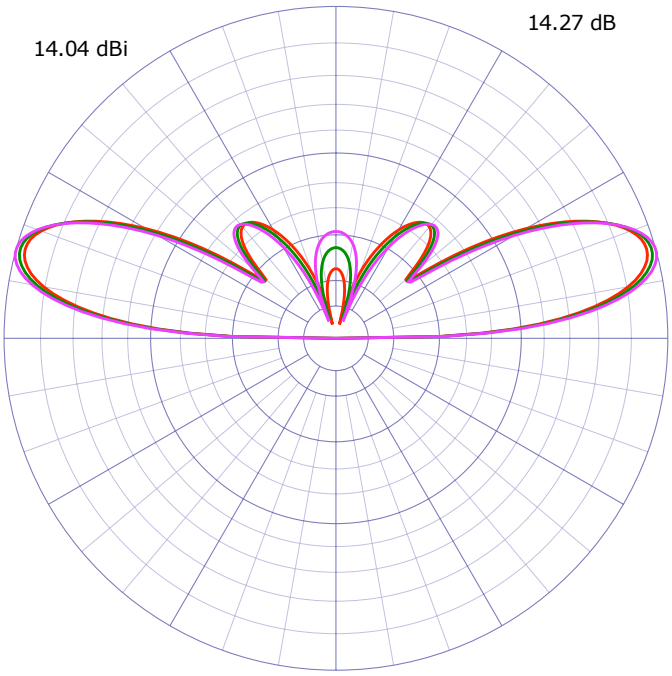

--------- 2017-02-05 00:04 ---- (nec2c) -----

Frequency 7.000 MHz
Frequency 7.150 MHz
Frequency 7.300 MHz
Feedpoint(1) - Z: (618.050 - i 2228.700) I: (0.0001 + i 0.0004) VSWR(Zo=50 Ω): 173.2:1
Feedpoint(2) - Z: (611.420 - i 2222.300) I: (0.0001 + i 0.0004) VSWR(Zo=50 Ω): 173.9:1
Feedpoint(1) - Z: (418.350 - i 1868.100) I: (0.0001 + i 0.0005) VSWR(Zo=50 Ω): 175.3:1
Feedpoint(2) - Z: (413.480 - i 1863.400) I: (0.0001 + i 0.0005) VSWR(Zo=50 Ω): 176.3:1
Feedpoint(1) - Z: (296.280 - i 1577.600) I: (0.0001 + i 0.0006) VSWR(Zo=50 Ω): 174.1:1
Feedpoint(2) - Z: (292.380 - i 1573.600) I: (0.0001 + i 0.0006) VSWR(Zo=50 Ω): 175.4:1
Ground - Rel. dielectric constant 13.000, conductivity: 0.00400 mhos/meter. (Sommerfeld/Norton)
Directivity: 14.27 dB
Max gain: 14.04 dBi (azimuth 180 deg., elevation 15 deg.)
Front-to-back ratio: 0.00 dB (elevation 15 deg)
Front-to-back ratio: 0.00 dB (elevation of front lobe)
Front-to-rear ratio: 0.00 dB
Average Gain: 0.8617 (0.646 dB)
Compute time: 0.13 sec