

K2CIB Antenna Details. JK Navassa-5 at 85' OAT. Only used 20m.

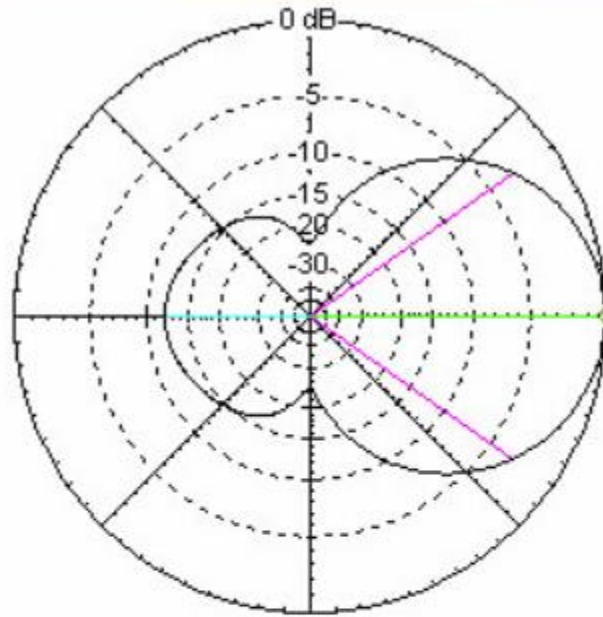
*** Gain above ground are NEC4 modeled numbers over Average/Flat ground

	10M	12M	15M	17M	20M	Optional 6M
Active Elements	2	2	2	2	2	2
Gain at 65ft above ground	12.56 dbi	12.4 dbi	11.79 dbi	11.82 dbi	11.39 dbi	12.44 dbi
Gain in Freespace	7.0 dBi	6.8 dBi	6.24 dBi	6.36 dBi	6.2 dBi	6.65 dBi
Peak F/B	12 dB	12 dB	12 dB	12 dB	12 dB	16 dB
Peak F/R	12 dB	12 dB	12 dB	12 dB	12 dB	16 dB
2:1 SWR Bandwidth	800 Khz	Less than 1.5:1	450KHz	Less than 1.5:1	Less than 1.5:1	800 KHz
1.5:1 SWR Bandwidth	600 KHz	100 KHz	350 KHz	100KHz	350KHz	600 KHz
Max Element Length	18.7 ft	19.8 ft	24 ft	28.2 ft	36.8 ft	9.4 ft

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Total Field

EZNEC Pro/4



14.175 MHz

Azimuth Plot

Elevation Angle 15.0 deg.

Outer Ring 11.39 dBi

Cursor Az

0.0 deg.

Gain

11.39 dBi

0.0 dBmax

Slice Max Gain 11.39 dBi @ Az Angle = 0.0 deg.

Front/Back 12.15 dB

Beamwidth 70.2 deg.; -3dB @ 324.9, 35.1 deg.

Sidelobe Gain -0.76 dBi @ Az Angle = 180.0 deg.

Front/Sidelobe 12.15 dB