

Black Widow Vertical Antenna

	Pole	No-Pole
20M		*
14.000	1.3:1	1.3:1
14.050	1.3:1	1.2:1
14.100	1.3:1	1.3:1
14.150	1.3:1	1.3:1
14.200	1.4:1	1.3:1
14.250	1.4:1	1.4:1
14.300	1.5:1	1.5:1
30M		
10.100	1.3:1	1.4:1
10.125	1.3:1	1.4:1
10.150	1.4:1	1.5:1
40M		
7.000	1.7:1	1.6:1
7.050	1.4:1	1.3:1
7.100	1.1:1	1.0:1
7.150	1.2:1	1.2:1
7.200	1.5:1	1.6:1
7.250	1.9:1	1.9:1
7.300	2.3:1	2.4:1

* Note 1- Coil hung from tree at a height of approximately four feet with no pole

Note 2- Checked with Icom 703 with tuner 17M works fine.