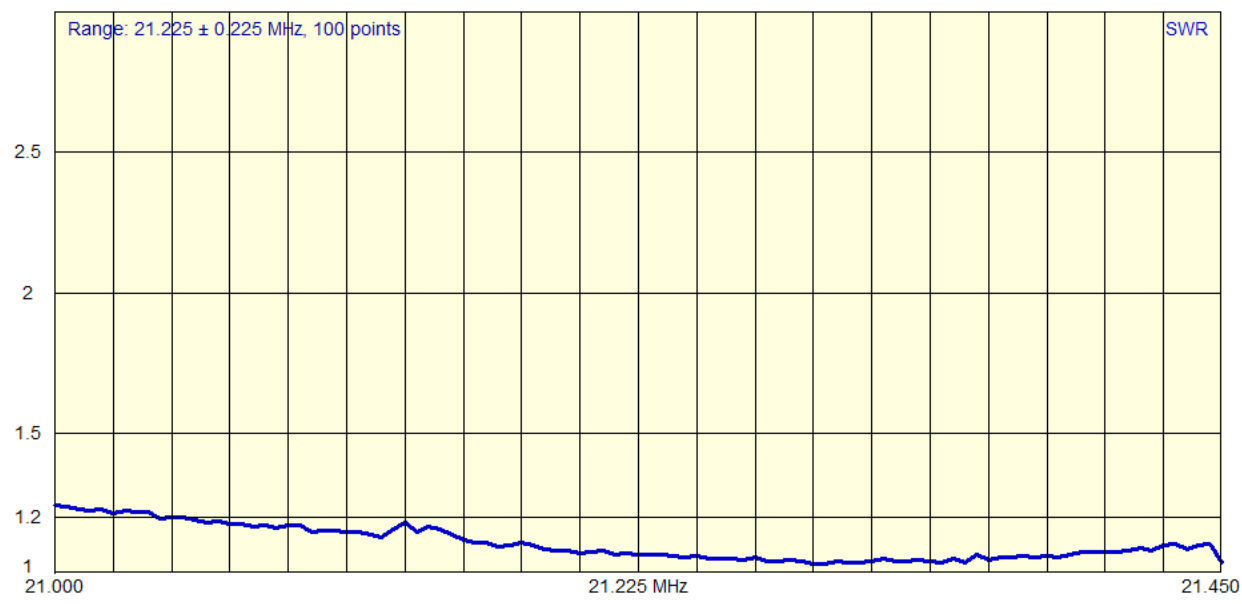


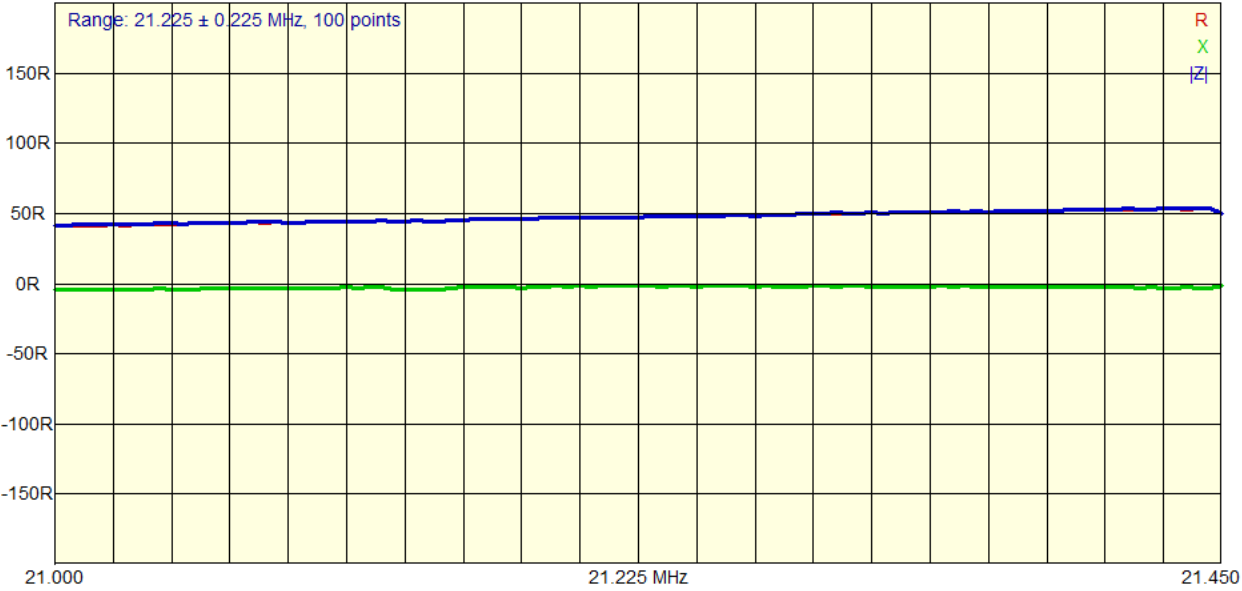
Table 1.

Band	0.5λ (m)	Vertical Length (m)	Horizontal Length (m)	Configuration	Antenna Analyzer Data
80m /3.5 MHz	40			[low band coil, 2 x 33" arms, 2 x 11" arms, 9.5' whip] x 2 TRSB Ratio = Vertical low band coil =y taps Horizontal low band coil = x taps ,	SWR = @ 3.750 MHz
40m /7.0 MHz	20	5.2558 (full)	5.2558 (full)	[coil, 2 x 33" arms, 2 x 11" arms, 9.5' whip] x 2 Vertical red coil = 19 taps Horizontal black coil = 7 taps ,	Z=58.4Ω, R=55.5Ω, X= -18.2Ω, C= 1219pF SWR=1.43 @ 7.150 MHz
30m/ 10.1 MHz	15	5.2558 (full)	5.2558 (full)	[coil, 2 x 33" arms, 2 x 11" arms, 9.5' whip] x 2 Vertical red coil = 1 tap Horizontal black coil = 14 taps ,	Z=30.8Ω, R= 30.8Ω, X= -2.2Ω, C=7019 pF SWR =1.6 @ 10.125 MHz
20m /14 MHz	10	5.1308 (full)	5.0802 (Whip=2.845)	[2 x 33" arms, 2 x 11" arms, 9.5' whip] x 2	Z= 30.6Ω, R= 27.8Ω, X= -12.8Ω, C=876 pF SWR =2.0 @ 14.175 MHz
17m /18 MHz	8.5	4.2926 (full)	4.122 (Whip=2.725 m)	[1 x 33" arm, 2 x 11" arms, 9.5' whip] x 2	Z=46.8 Ω, R=46.2 Ω, X=-7.1 Ω, C= 1234 pF, SWR=1.18 @ 18.118 MHz
15m /21 MHz	7.5	4.0132 (full)	3.0326 (Whip=1.915 m)	[1 x33" arm, 1 x 11" arm, 9.5' whip] x 2	Z=47.5 Ω, R=47.5 Ω, X= -2.0 Ω, C=3738 pF, SWR= 1.07 @ 21.225 MHz
12m /24 MHz	6	3.175 (full)	2.8344 (Whip=2.555 m)	[1 x 11" arm, 9.5' whip] x 2	Z=53.7 Ω, R=53.4 Ω, X=5.6 Ω, L= 36 nH, SWR =1.13 @ 24.940 MHz
10m /28 MHz	5	2.8956 (full)	2.2300	[9.5' whip] x 2	Z= 50.2 Ω, R= 50.2 Ω, X= 2.0 Ω, L= 11 nH, SWR=1.04 @ 28.850 MHz
6m / 50 MHz	3	1.5	1.19	[9.5' whip] x 2	Z= 44.7 Ω, R= 44.7 Ω, X= 2.1 Ω, L= 6 nH, SWR=1.13 @ 52.000 MHz

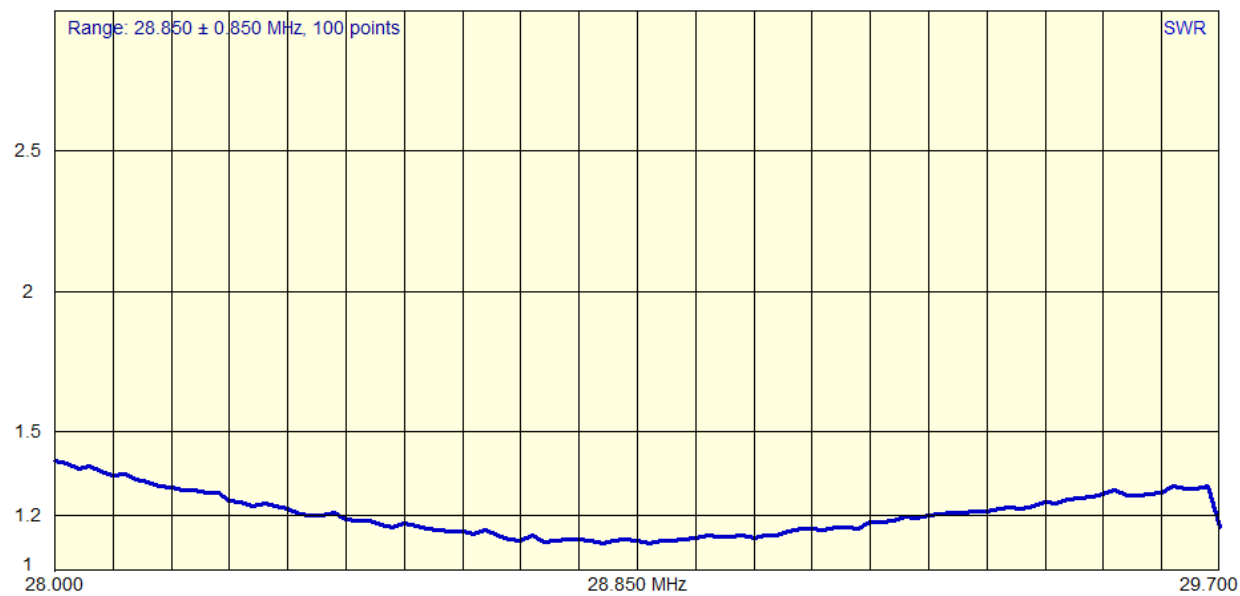
15 m SWR



15 m R + X



10 m SWR



10 m R + X

