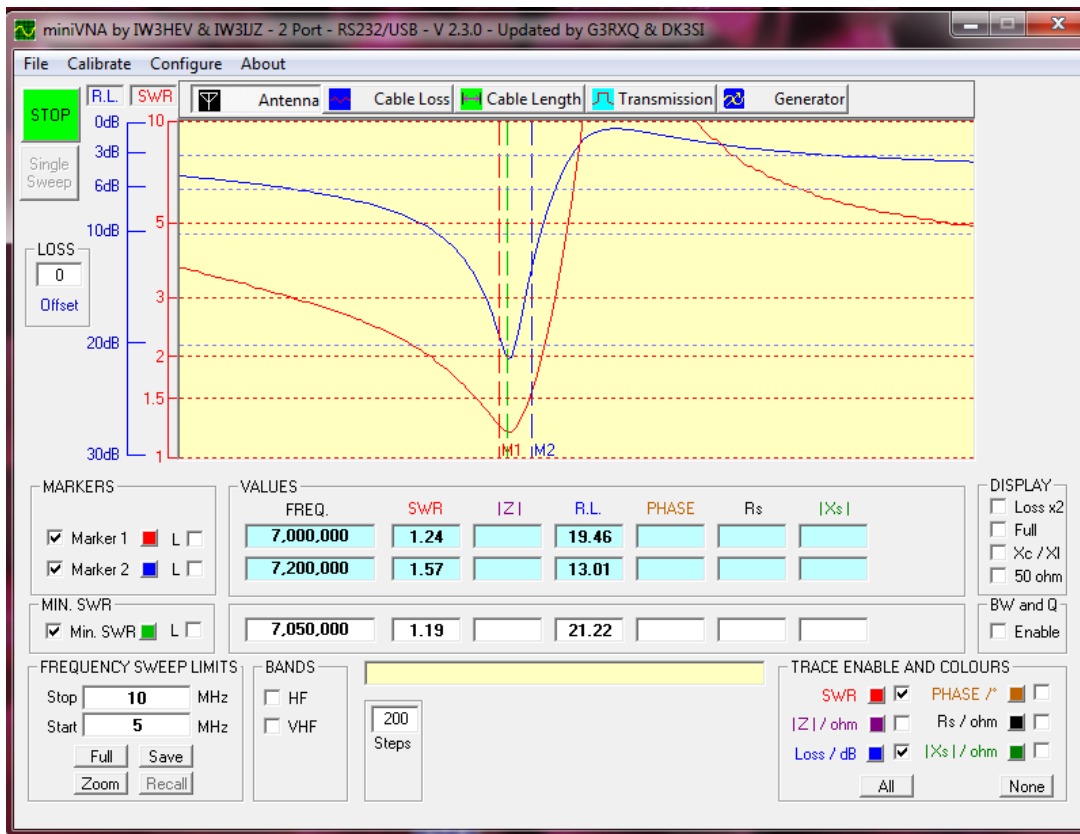
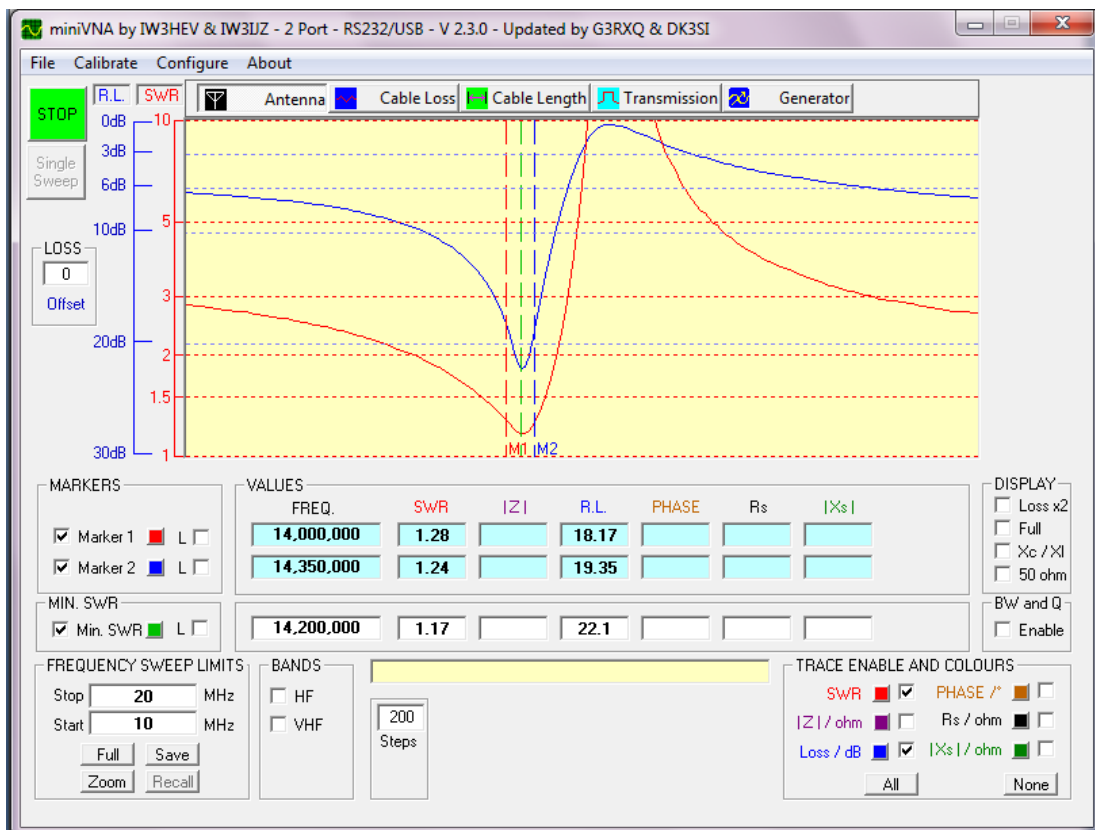


# G4TPH ML40 HP Mk2 Data Sheet

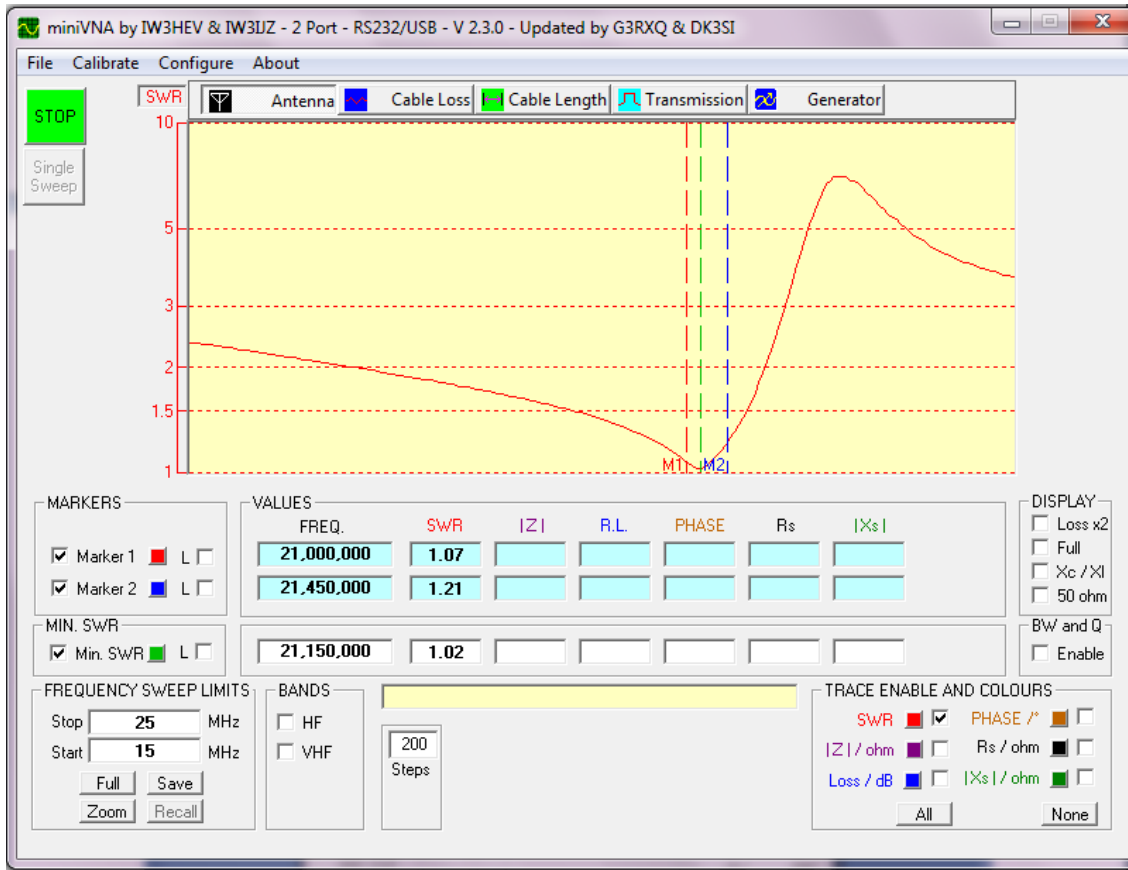
Actual SWR Charts for the ML40 HP Mk2 magloop antenna



MINIVNA Chart for 40M (7.00, 1.35, 7.125 1.28, 7.2, 1.18)



MINIVNA Chart for 20M (14.00, 1.28, 14.200, 1.17 14.350, 1.24)



MINIVNA Chart for 15M (21.00, 1.13, 21.300, 1.02, 21.450, 1.10)

## Computer Calculations for the G4TPH ML40 HP Mk2 Magloop

	40m	30m	20m	17m	15m
Description					
<b>Loop diameter (m)</b>	1.275	1.275	1.275	1.275	1.275
Conductor length (m)	4.006	4.006	4.006	4.006	4.006
Conductor diameter (mm)	16	16	16	16	16
<b>Frequency (MHz)</b>	7.05	12.20	14.20	18.10	21.20
Power (W)	100	100	100	100	100
<b>Efficiency%</b>	21.98	65.76	76.57	88.43	93.00
Efficiency dB	-6.58	-1.82	-1.16	-0.53	-0.32
<b>Tuning capacitor (PFd)</b>	143.37	47.88	35.34	21.75	15.86