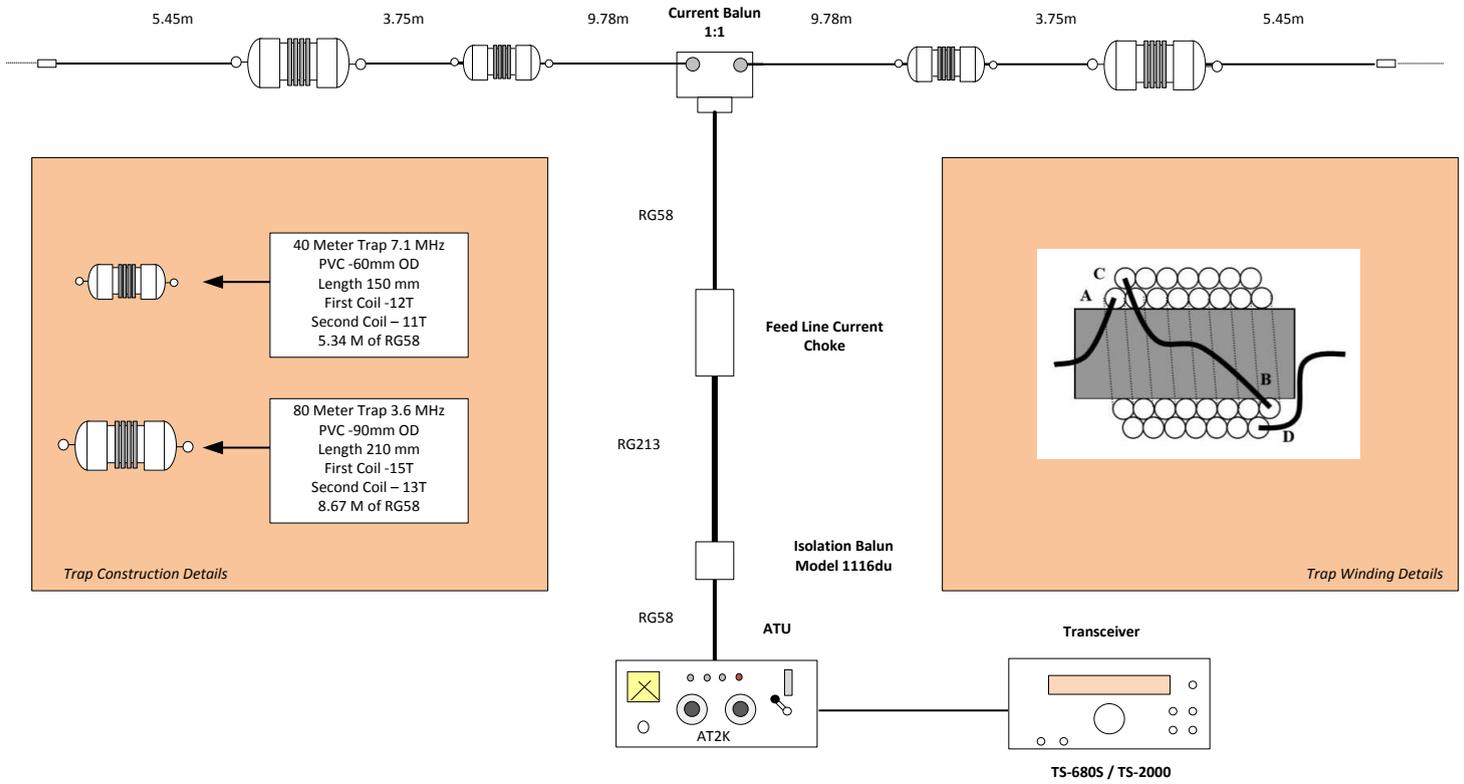
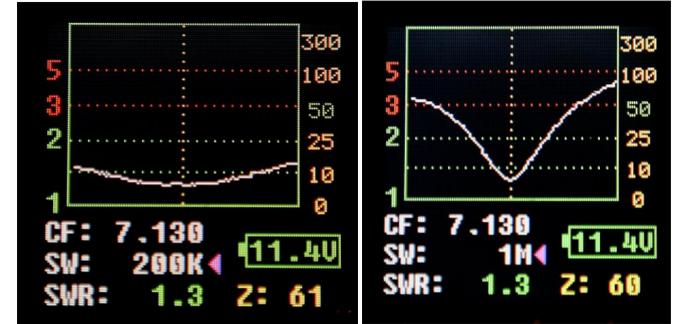
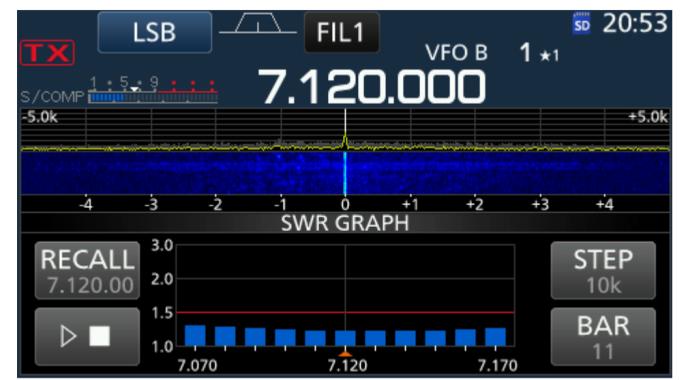
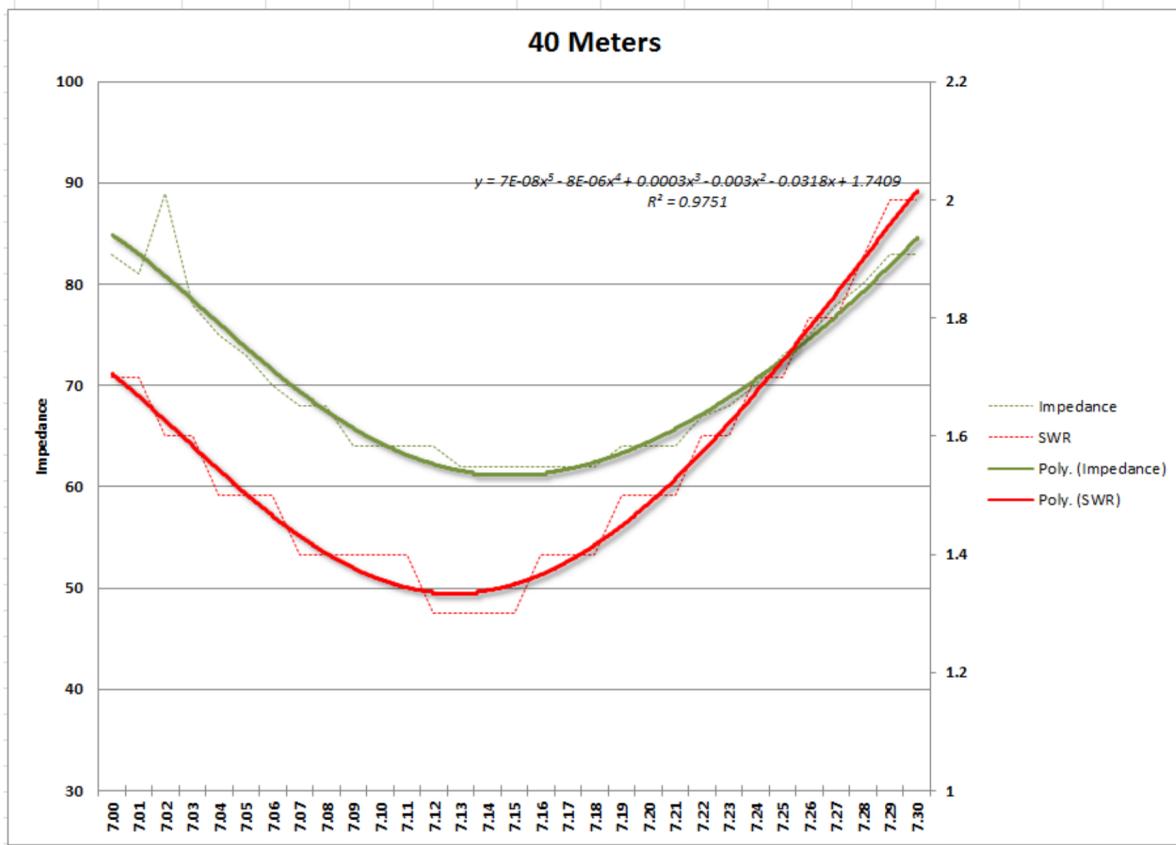


**160-80-40 Meters
VK6JI – 17-07-2017**

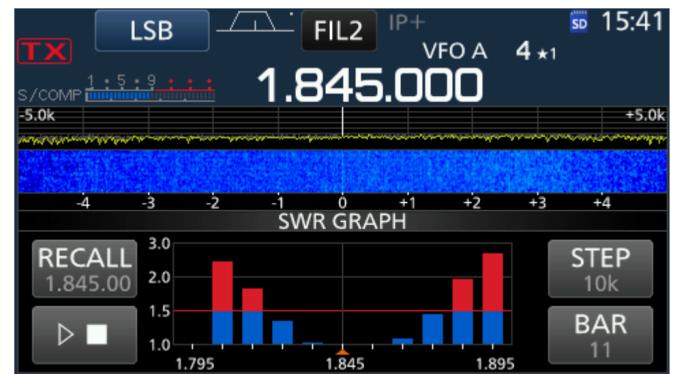
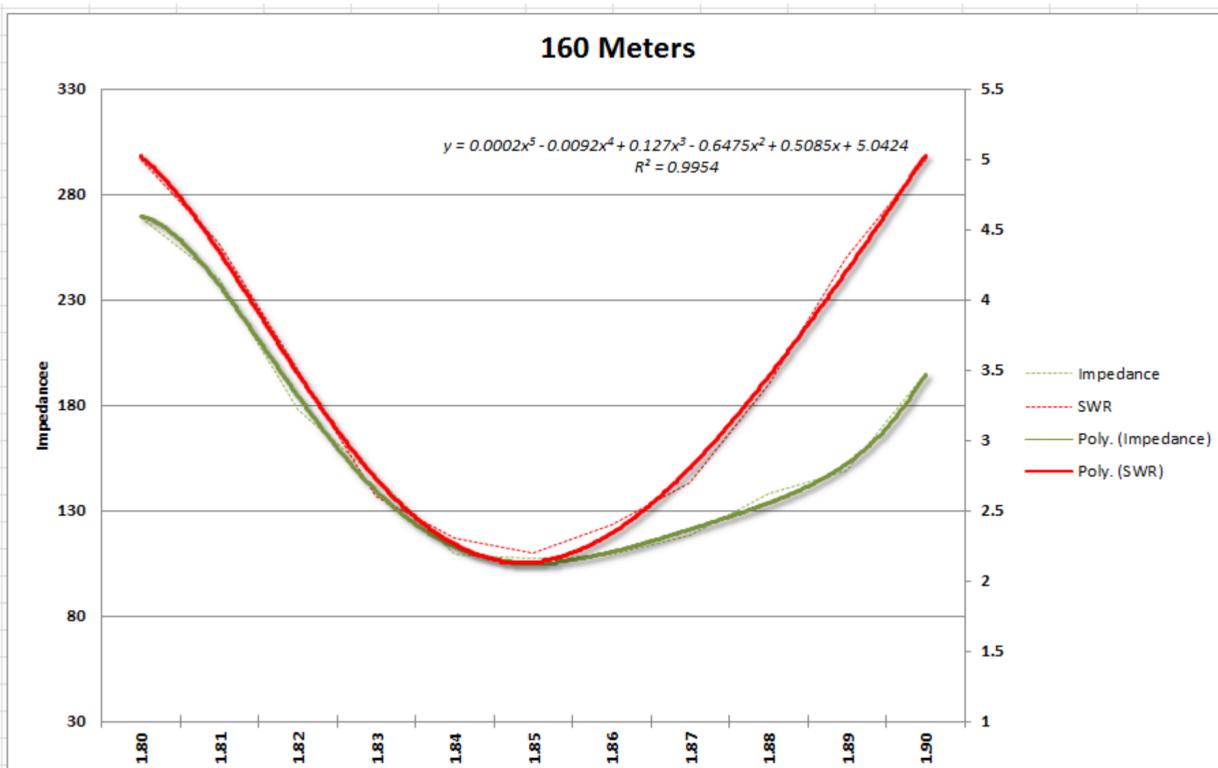
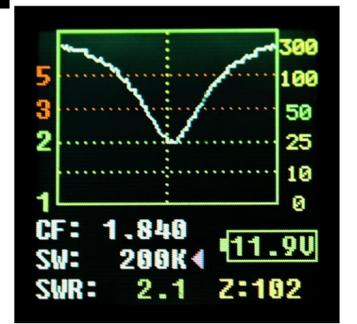
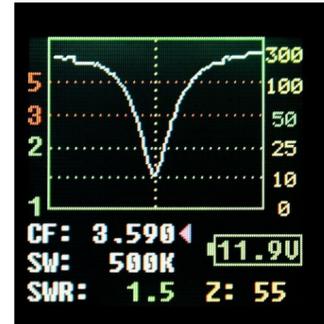
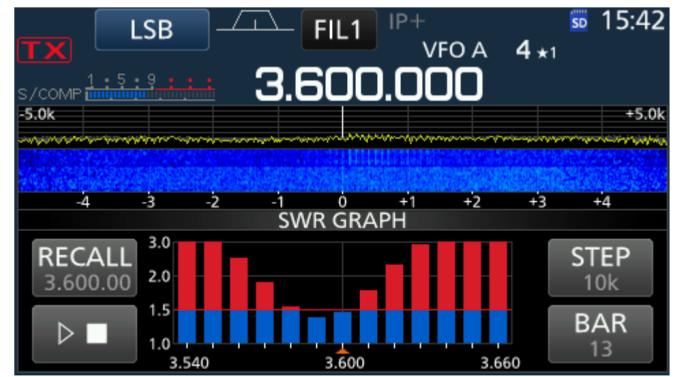
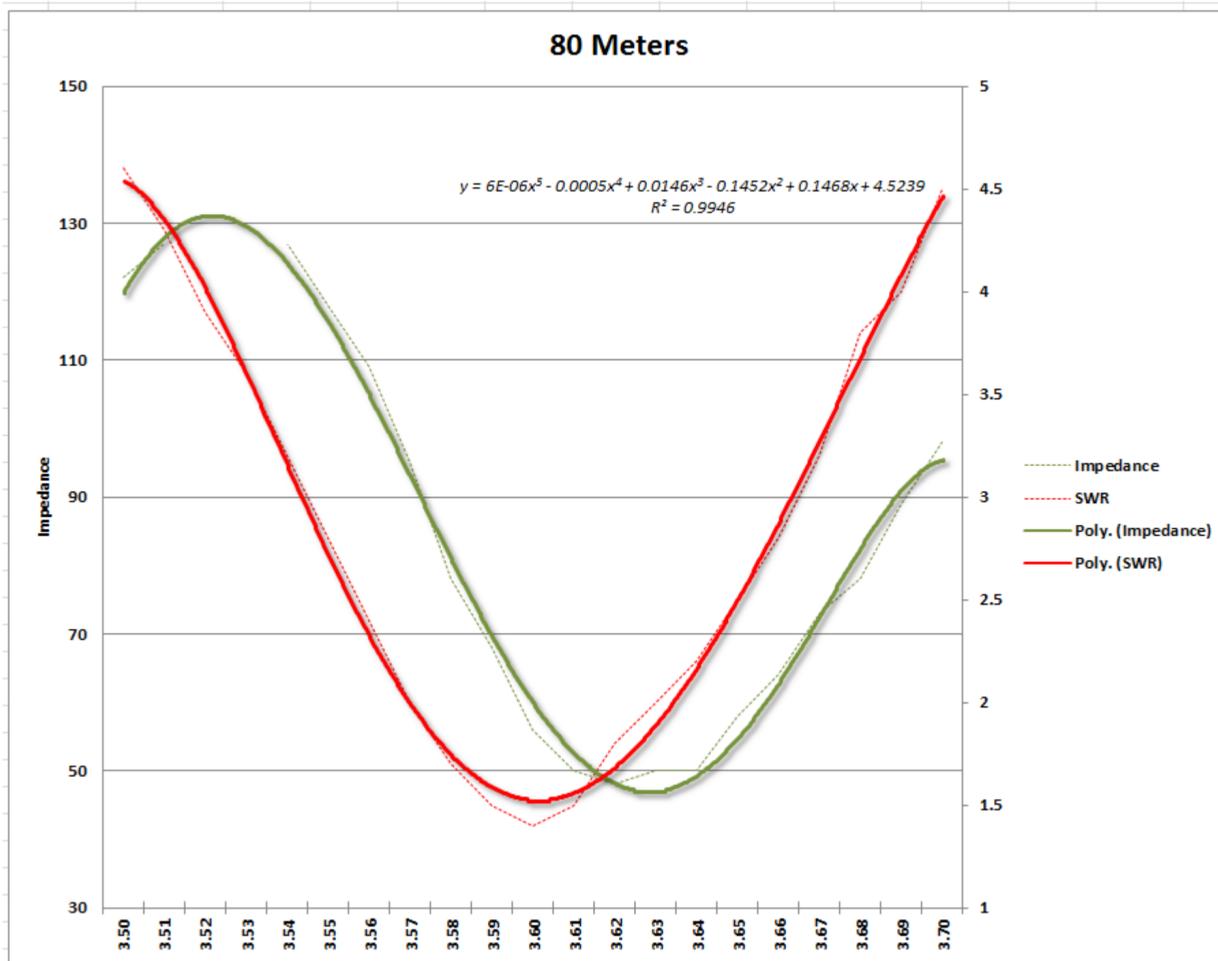


Feed Line Current Choke





SWR & Impedance Plots For Each Band At End Of Transmission Line – No ATU



Notes

- SWR and Impedance measurements above for each band taken without the ATU in circuit.
- Feedline Choke added to reduce common mode noise pickup by the feedline.
- All traps are constructed first and tuned to the nominated frequency then the wire between the traps are adjusted to bring each band to resonates.

SWR & Impedance Plots With ATU In Line

CF: 7.088
SW: 500K
SWR: 1.0 Z: 50

40M	ATU			Amp	
	242.5	59	54	5.8	10

CF: 3.600
SW: 500K
SWR: 1.1 Z: 47

CF: 3.600
SW: 100K
SWR: 1.1 Z: 47

80M	ATU			Amp	
	195	51	64	2.4	10

CF: 1.854
SW: 100K
SWR: 1.1 Z: 55

CF: 1.854
SW: 50K
SWR: 1.1 Z: 55

160M	ATU			Amp	
	68	52	64	6.3	10

Reflection Losses for 160 to 40 Meters

