

NANO VNA
by Glenn Brucks
KC3INP

- USB-C charger - 5 volts
- Blue light on charging internal battery
- On-off switch
- 3 adapters – open/short/load
- Open – nothing inside – looks like letter o
- Short – shiny with pin
- Load – plastic with pin – usually silver
- Two SMA connectors at top of NANO VNA – adapters will be required as per antenna cable
- CH 0 and CH 1 – channel zero and channel one
- Use Channel 0 only
- Screw adapters on channel 0 – hand tighten
- Display is touch sensitive – touch on right hand side
- Trace – keep clicking to turn off
- Only use one trace
- Calibrate over range you want to use (CAL)
- 100 MHz – 500 MHz
- Stimulus – start and stop
- CAL- reset
- CAL – start at top and work down – open, short, load
- Only measure SWR – don't need to worry about ISO or Thru – just click on button
- Save 0
- Display, format, SWR
- SWR good if low (1.0 best)
- Change SWR scale from 10 to .25 (Display, Scale)
- Middle line 2.0. – want below 2.0
- Display, stimulus 144. – 148. MHz (2 meter)
- Push/pull wheel on top or move marker with pointer - shows MHz and SWR