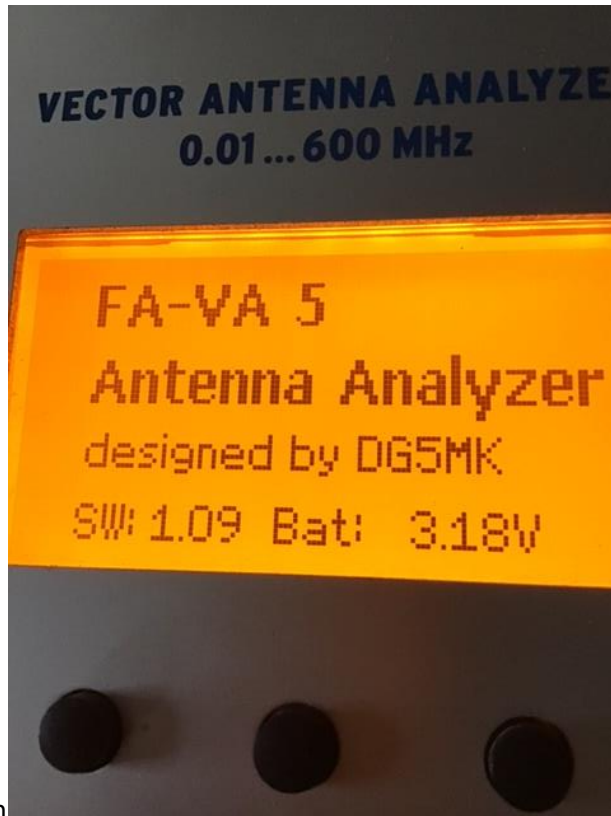


## SDR kits FA-VA5 review and Operation

Built a FA-VA4 antenna analyzer in 2018 and it works great. for \$130 it is a good buy. it is highly recommended. I built a VA5 (9/19).works really nice. Here is a picture with the dummy load at 137 MHZ, 1.24 SWR with all the adapters. Pencil there for size

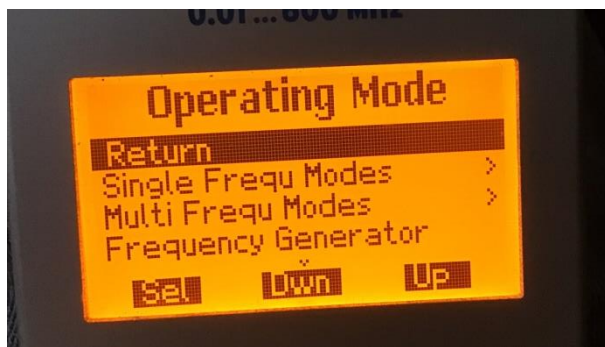


Turn unit on, Press an hold left most button.(VA4) VA5 slide switch to center of unit.



Va5 power on screen

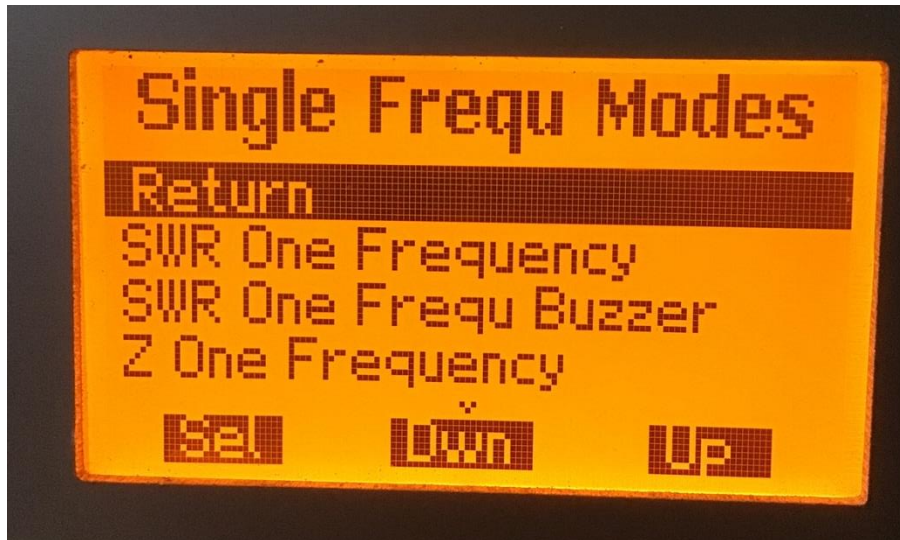
Get Operating menu.



Here you can choose to see SWR at a single frequency or a Sweep chart if Multiple Frequencies.

I will start with single frequency first.

Press the **Dwn** button to move **highlite** to Single Freq Modes. then press the **Sel** button.



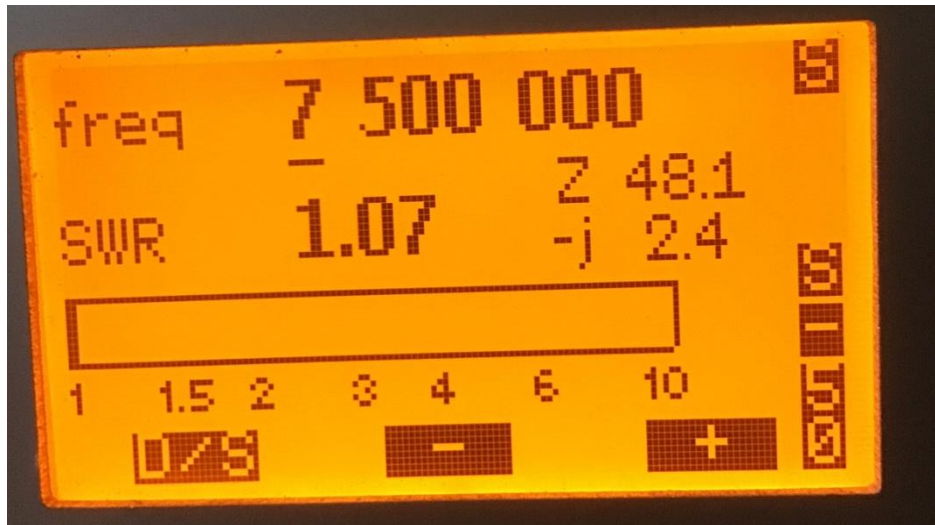
Press the **Dwn** button to **highkite** SWR One Frequency, then press the **Sel** button.



I have a 50ohm dummy load on the analyzer so the SWR is close to 1:1 everywhere.

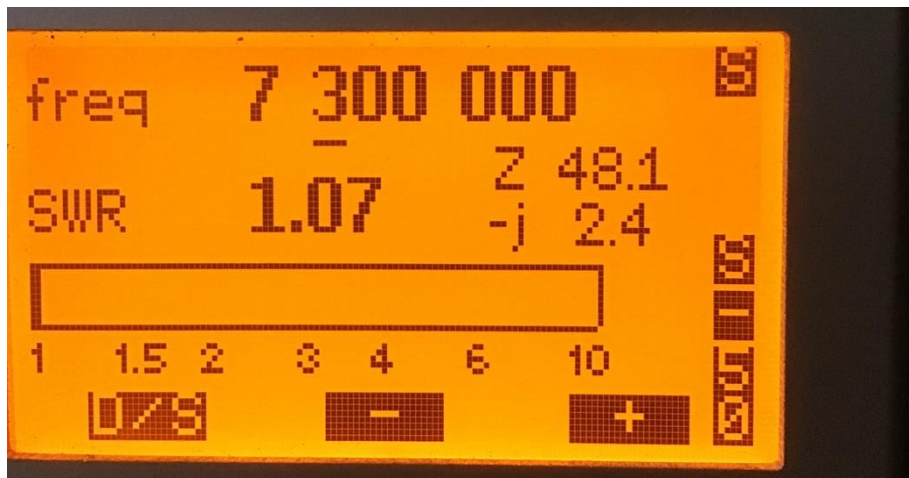
The cursor is under the 100's Mhz so I can change that using + and - buttons.

pushing D/S moves the cursor to the right so I can gor right 2 places, put it under the 3 and press the + button 4 times to get 7.

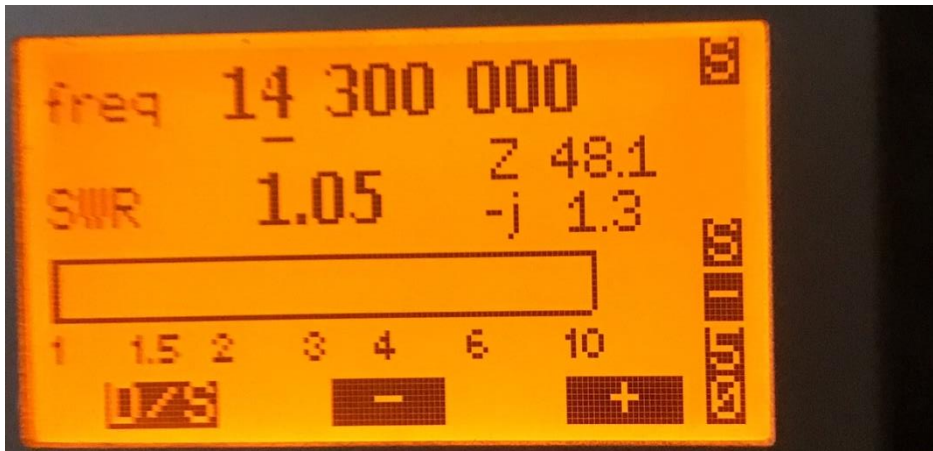


Cursor is under the 7 so I can change that digit using the + and – buttons.

If I want to change to 7300 Khz, I press D/S to move cursor under the 5 and then press the – button twice.

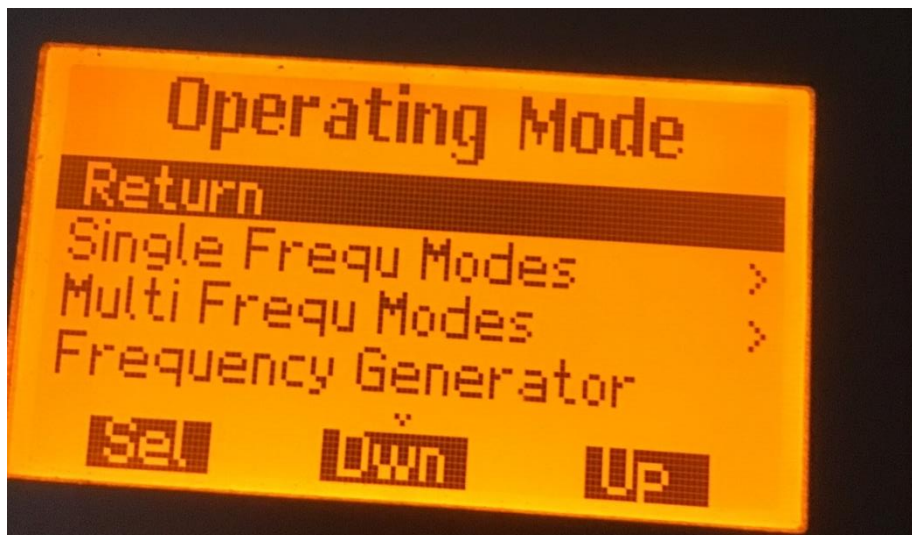


to change to 14300, press D/S until cursor is ahead of the 7, press + once, putting a 1 in that position, then D/S again, moving cursor under the 7 and press - three times.

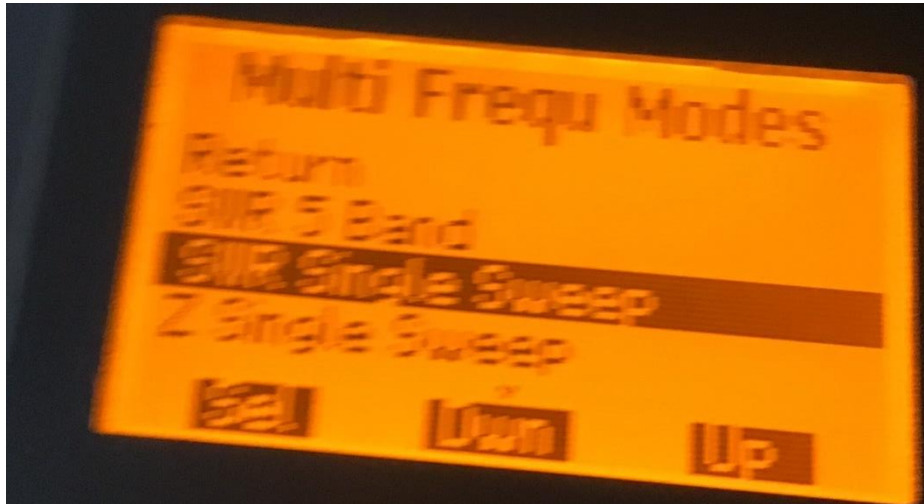


Now lets see a frequency plot.

Press and hold D/S go to go main menu:



Now select Multi Frequ Mode:



Now select SWR Single Sweep



The Frequency is same as last set. which you can now change::

Remember the center button was – and rightmost +. Pressing the center button drops the frequency and the rightmost one raises it. Press and Hold for faster changes. To change the spread, press the leftmost (D/S) once and then the + and or – buttons. Here I changed the center to 3800 and the spread to 1Mhz.



Want to see what SWR 5 Band looks like?

