

hugen's Aug 2, 2019 firmware release notes from google drive firmware folder

<https://drive.google.com/drive/folders/1IRz6E1wlkRyV0u7sbqj0lhWST-GV1szY>

Aug 2, 2019

1. Wait for the ADC_CR_ADEN bit to clear before adc calibration.
2. Fixing the backspace key will not clear the display.

Jul 22, 2019

1. Synchronize the latest code of edy555;
2. After the SI5351 switches the frequency divider, it is delayed by 6ms to ensure normal locking.
3. Modify the PGA gain so that the curve using harmonics and no harmonics is smoother.
It should be possible to reduce the error of the harmonic switching point.
Please recalibrate after updating.

Jul 05, 2019

1. nanoVNA_800 firmware addresses 300 and 600MHz peaks because si5351 is working at the limit.

Jun 11, 2019

1. Fixed the problem that data retrieved by shell command (PC software) was incorrectly interpolated;
2. Passing (S21) calibration does not use source matching data
(NOTE: previously the original software used source matching data calibration always has errors, so it seems that there is no error, but it is not clear whether there will be other problems, please give me feedback after testing).

May 07, 2019

The black frame at the bottom of the large font version is reduced, and the occlusion portion of the curved picture is reduced from 6 pixels to 2 pixels, reducing the influence on the use.

May 05, 2019

A lot of feedback was received by Ham for antenna measurements, and a version optimized for antenna measurements was modified nanoVNA_900_AA

This version is mainly modified to increase the font size.

At most, only 2 scan lines (trace) are allowed.

The default trace 0 shows CH0 logmag, and trace 1 shows CH0 smith.

You can modify the port and type to be displayed as needed.

If you measure the antenna, you can change the logmag to SWR.

Since there are two traces less than the original, the saved data structure changes slightly.

The nanoVNA_900_AA_20190505.dfu file uploaded this time has already cleared the user data.

If you need to flash back to the normal FW version after saving the user data, you need to flash the nanoVNA_900_AA_20190505.

Dfu clears the user data and then updates the corresponding file.

The software is free time to change, if you encounter any problems in use, you can communicate with me through Taobao shop gen111.taobao.com.

I wish you all HAM, 55 happy!

Apr 25, 2019

1. The impedance of the mark point on the Smith chart shows the value of the resistance z_r , that is, the Resistance, and the anti-Reactance part is calculated to be the corresponding Capacitive or Inductive capacitance value or inductance value.
If you need to check the complex impedance, the specific value of Impedance can be viewed using the host computer. If there is something wrong, you can contact me.
2. Optimize the driver of 900M firmware above 300M frequency si5351.

Apr 24, 2019

To correct the problem of z_r calculation error, the impedance of the mark point on the Smith chart is now displayed as the value of $|Z|$.

Since the 900M firmware needs to dynamically adjust the power and gain during scanning, the command to manually set the power and gain under the shell is masked.

Apr 17, 2019

Optimized scan gain

Send feedback

History

Saved