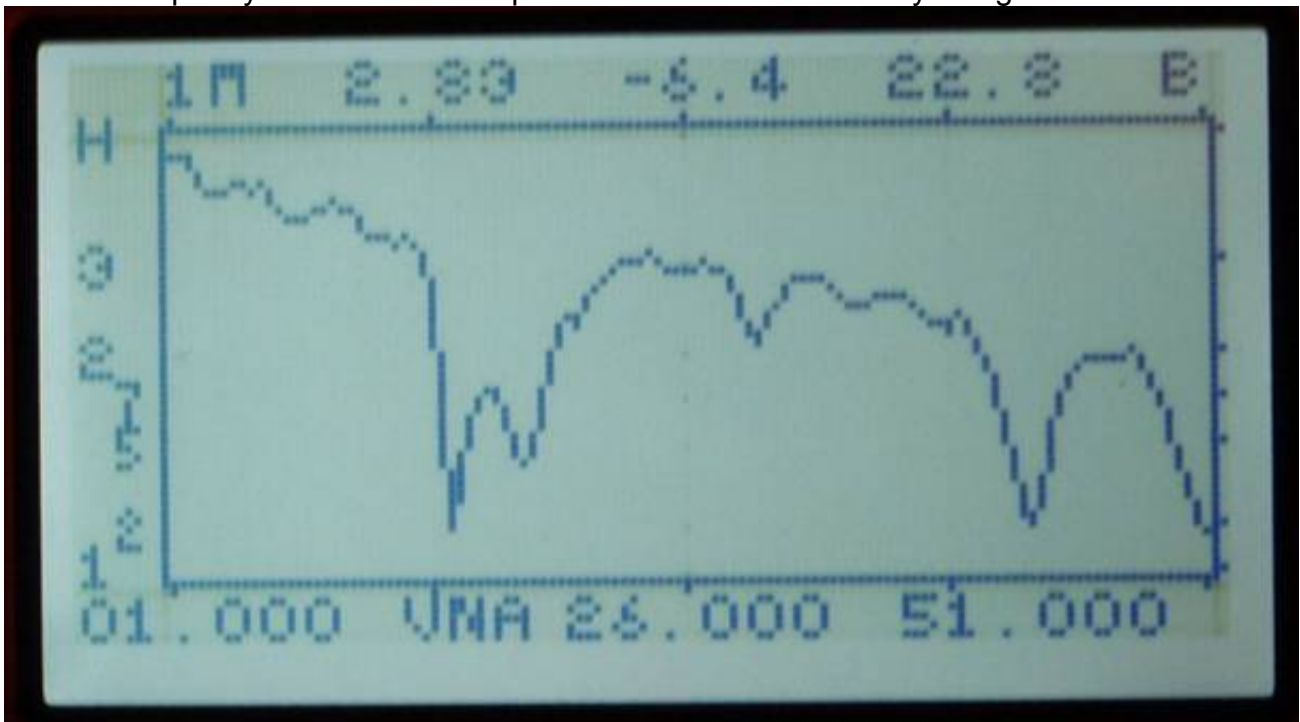


## Basic Operation analyzer MAX6

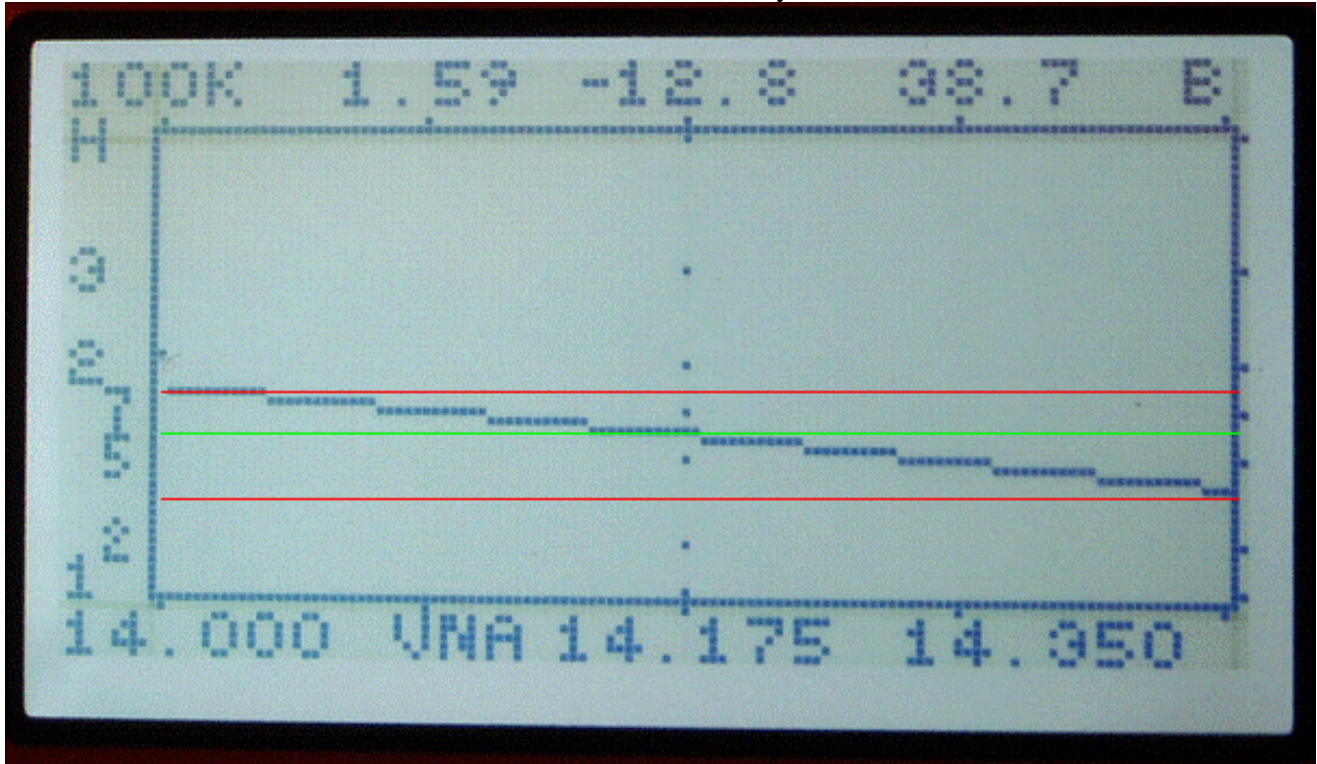
Basic operation of the meter MAX6 is achieved by four buttons. Switching is done by press and hold ON. then release. To turn off the meter should press and hold the **ON** button.

When MAX6 starting the default range from 2MHz to 52 MHz ( full range is from 1 to 180 MHz )

Active functions **BAND**. allows us to immediately see our antenna SWR across the HF, and then quickly select one of the predefined amateur bands by using the **UP** or **DOWN**.



This allows us to measure the SWR of the antenna in any of our amateur band in a few seconds.

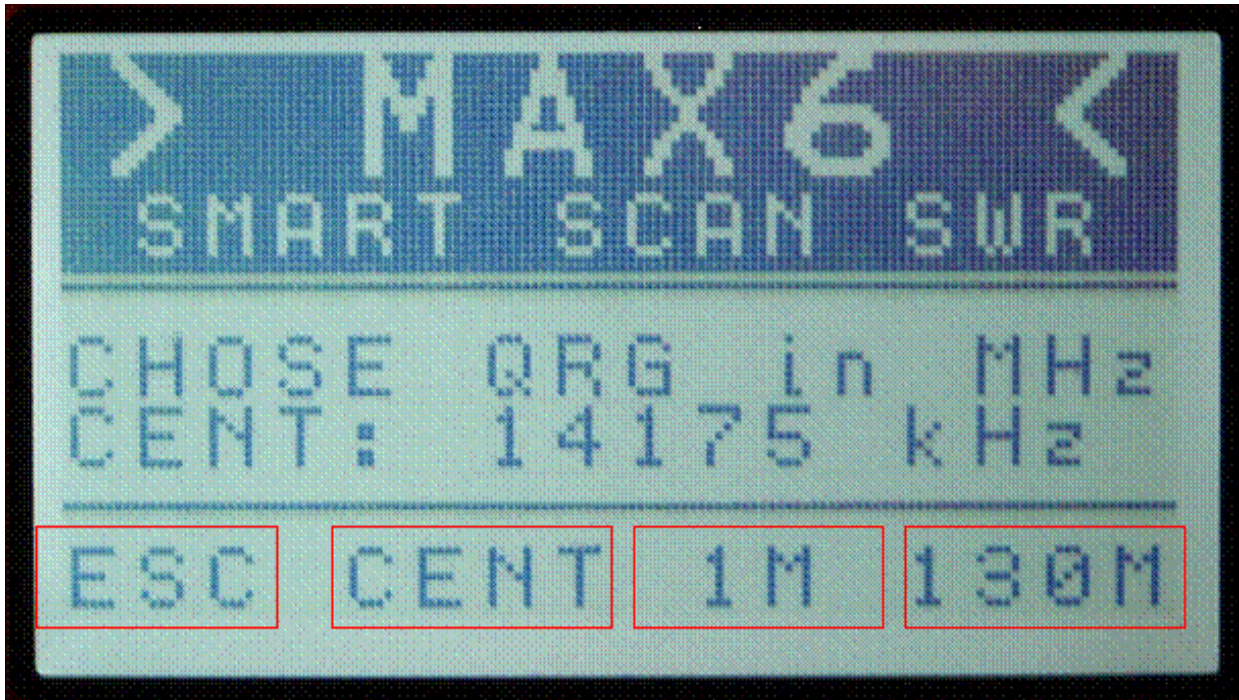


You can see that my GP antenna for 14 MHz band is in the middle of a SWR 1:1,59 38.7 ohm impedance. At the beginning of the band is about about the SWR 1:1.8 and end a band SWR 1:1.3

If you want the meter will **automatically found the minimum SWR** of our antennas should call the

function

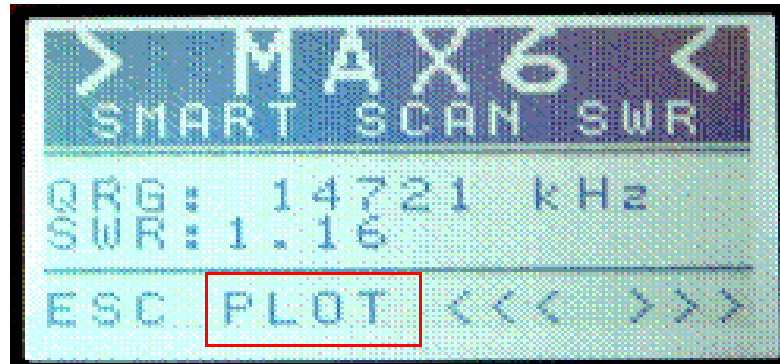
**Smart Scan SWR.** For this purpose press longer hold the **FUNC** key. Show us a screen like below



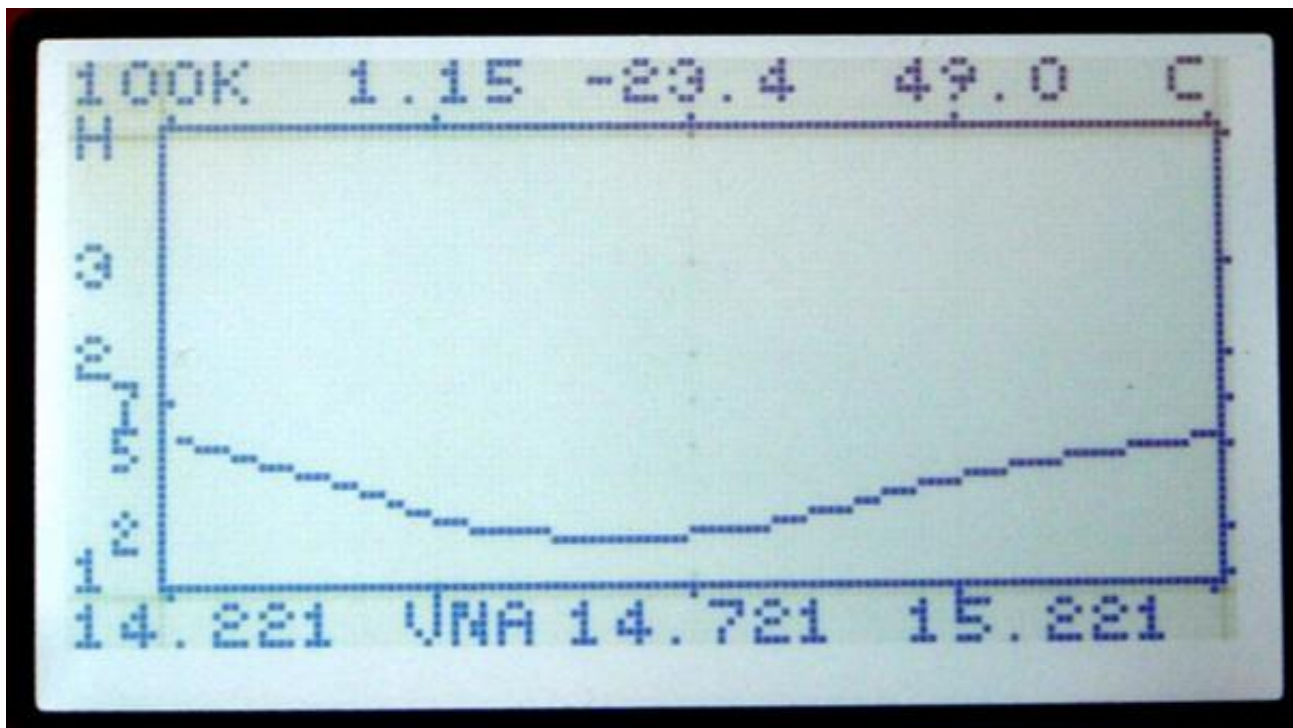
**MODE          FUNC          DOWN          UP**

The four keys below the screen are related to the features described on the LCD screen

Pressing **DOWN = 1 M** will activate the scanning of 1 MHz.  
When scanned is displayed on the current direction of the scan



After finding the minimum SWR meter stops himself and appears key **PLOT**



After pressing the **PLOT** graph appears SWR screen always displays measuring a width of 1 MHz and 100 kHz tuning step

**For a lazy user support usage of MAX6 LCD meter may be limited only to the FUNC :-)**

We can scan at any time stop, or change its direction

**Information about the features of the meter and keys**

**Short press**

- MODE** - **Change** the screen mode of measurement
- FUNC** - **change of function** UP / DOWN
- UP** - **"Increase"** the function
- DOWN** - **"Reducing"** the function

**The list of available function keys UP DOWN:**

- BAND** - **choice** one of the predefined bands amateur
- STEP** - **change the** tuning steps 1 kHz ... 10 MHz
- CENTER** - **shift** the current view of measuring the right or left
- ZOOM** - **change the** width of view
- LEFT** - **shift** left marker
- RIGHT** - Right **shift of** the marker

Information about the currently selected function is displayed in the upper right corner of the LCD screen.

**Long press**

- MODE** - **Change the** brightness of the screen - the icon bulbs
- FUNC** - SmartScan function **call** SWR - "Going guy"
- UP** - **"Increase"** the function
- DOWN** - **"Reducing"** the function

**The list of available modes MODE:**

- VNA** - SWR **measurement**
- IMP** - impedance **measurement**
- WOB** - **measurement** mode wobuloskopu
- PHA** - **measuring the** phase between the forward and reverse signals
- SAVE** - **save the** measurement on the memory card
- TABLE** - **view** measurements in table mode.

Information about the currently selected function is displayed at the bottom of the LCD screen - direct over the function button.

Description of the measured values presented in the table displayed while holding the **MODE** button

[www.max6.pl](http://www.max6.pl)

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