



armel /
uv-k5-firmware-custom



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Spectrum analyzer

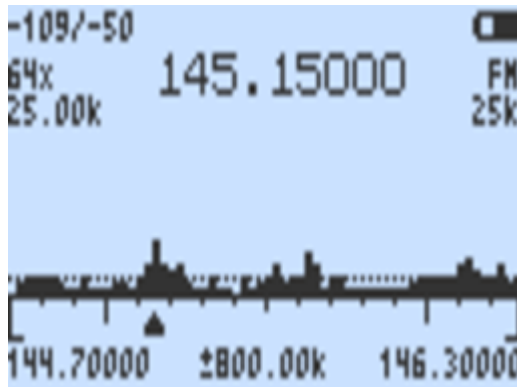
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Armel FAUVEAU edited this page on May 10 · 6 revisions

Spectrum Sweep screen

Press **F + 5 NOAA** to turn on the **Spectrum analyzer**.

The current VFO/Memory frequency will be the **center frequency** of the spectrum sweep



Spectrum analyzer can also be used with [ScnRng mode](#)

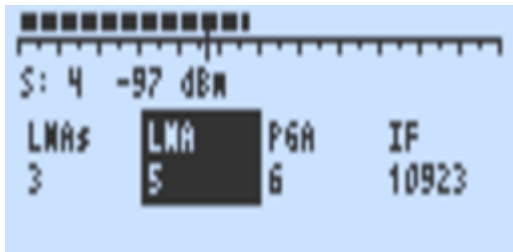
NOTE: in this mode blacklist is limited to 15 frequencies

Button functions

- 1 / 7 - increases/decreases frequency step between consecutive bars
- 4 - toggles the number of bars (channels) in the graph
- 2 / 8 - increases/decreases frequency step size by which the graph is scrolled with UP/DOWN buttons
- 5 - shows a frequency input box for lower sweep frequency (value in **MHz**, * - decimal point)
- 3 / 9 - increases/decreases maximum dB value (vertical scale)
- 6 - toggles receiver bandwidth
- * / F - increases/decreases squelch level
- 0 - toggles modulation type (FM / AM / USB)
- Side button  - excludes current frequency from the spectrum scan
- Side button  - toggles backlight
- EXIT - exits to a previous screen/function
- PTT - switches screen to **detail monitoring** of last received frequency (*see below*)

Detail Monitor screen





Button functions

- **M** - Scrolls through the parameters displayed at the bottom of the screen which can be adjusted with **UP** and **DOWN** buttons
 - LNAs - Short Low Noise Amplifier
 - LNA - Low Noise Amplifier
 - PGA - Programmable Gain Amplifier
 - IF - Intermediate Frequency
- **EXIT** - exits to the previous screen of the spectrum analyzer

Documentation

- Instruction for the Spectrum Analyzer [QuanSheng.UV.K5.Spectrum.analyzer.guide.EN.pdf](#)

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Documentation

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