



egzumer /
uv-k5-firmware-custom



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Spectrum analyzer

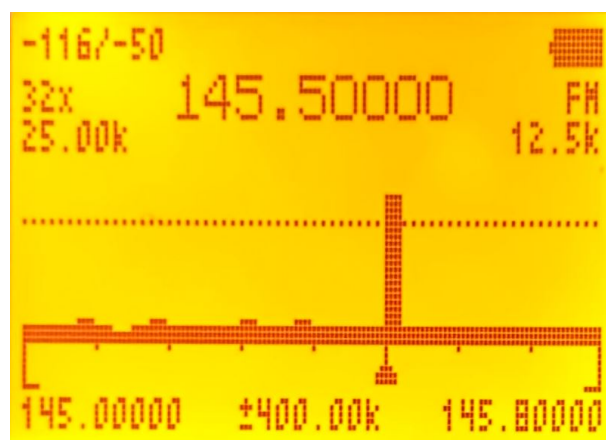
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Spectrum Sweep screen

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

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



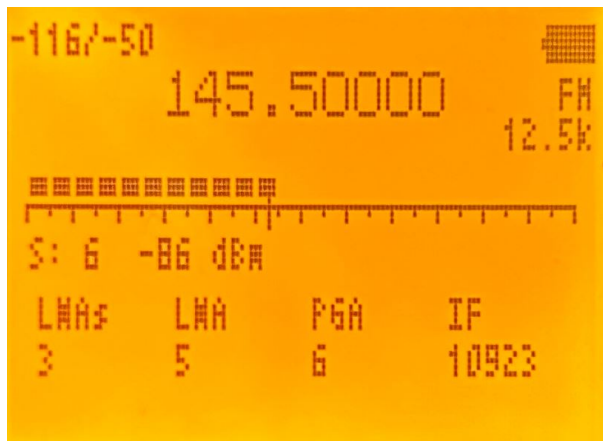
Spectrum analyzer can also be used with [ScnRng mode](#)

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 I** - excludes current frequency from the spectrum scan
- **Side Button II** - 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/DOWN
 - 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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`https://github.com/egzumer/uv-k5-firmware-custom.wiki.git`

