

# OpenTuner DL1RF's 0.C

## Auto Tuner: Auto (Timed)

- A tuned signal will be hold till the „Timed“ timer has expired or the signal is lost
- If no other signal is available and the „Avoid Beacon“ flag is set the tuner will stay tuned to the actual signal till the signal is lost
- If the only signal in spectrum is the „Beacon“ the „Beacon“ will be tuned even if „Avoid Beacon“ flag is set
- Signals below „Threshold“ value will not be tuned

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## Remarks Auto Tune Threshold Value

- The intention for the threshold is to prevent auto tuning to signals that can't be decoded
- The selectable range for the threshold is -6.9 ... -0.1 dB below beacon
- The BATC Spectrum signal detection algorithm detects a signal as it reaches a strength of approximately -6.9 ... -6.5 dB below beacon
- Setting the threshold below -6.5 dBb will deactivate the intended function