

# **OpenTuner DL1RF's 0.C**

## **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

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## **Remarks Auto Tune Threshold Value**

- While testing the function I found that -6.0 dBb is a good starting point for the threshold
- The value is only used for tuning
- It is not used to detect „signal lost“
- This is something to experiment with