

## 1. Run frequency offset calibration example in RTL-SDR toolbox

Firstly, the example was run from FrequencyCalibrationExample.m from MATLAB examples repository.

Below is the screenshot of the made when the result was as close as possible to 0 PPM, which is -1.21 that can be observed, the frequency correction value is -125.885010, this was the best PPM I could achieve at Alvaari, Otakaari 1.

### Maximum and Minimum Sampling rates the RTLSDR dongle can support:

Minimum Sampling Rate: 2x (Front End Sampling Rate)

**Maximum Sampling: 2.4Mhz**

Max/Min tuning range (carrier frequency): 103.7 and 88.5 (MHz)

