AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 18.11.2021 17:22:52
Column # 1 was processed
Data length N = 18000 points.
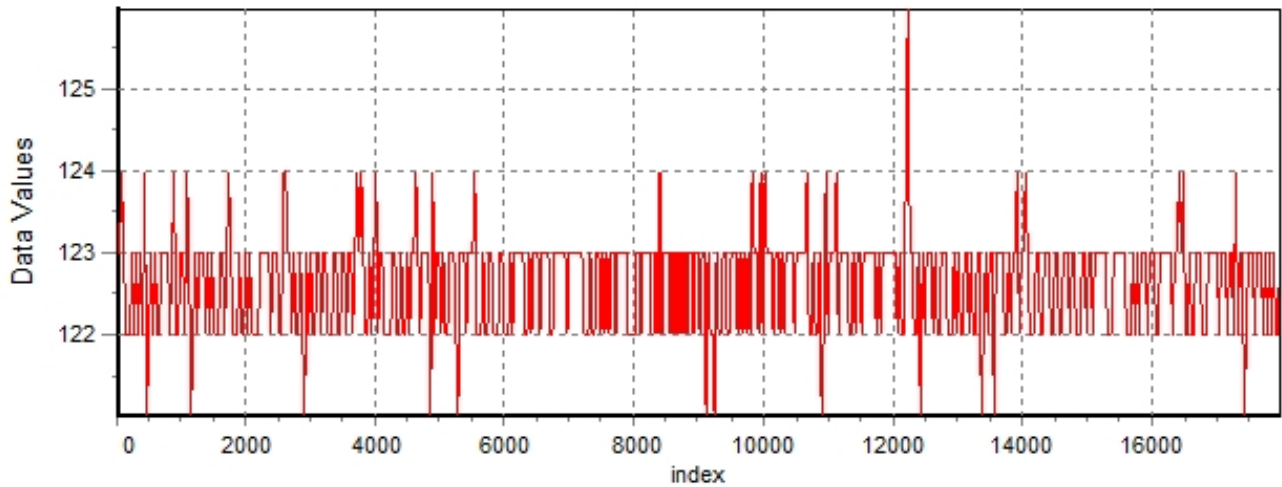   The mean Value of the processed data = 122.502
     The Stanadrd Deviation of the processed data = 2.95114
     The number of removed outliers is 10

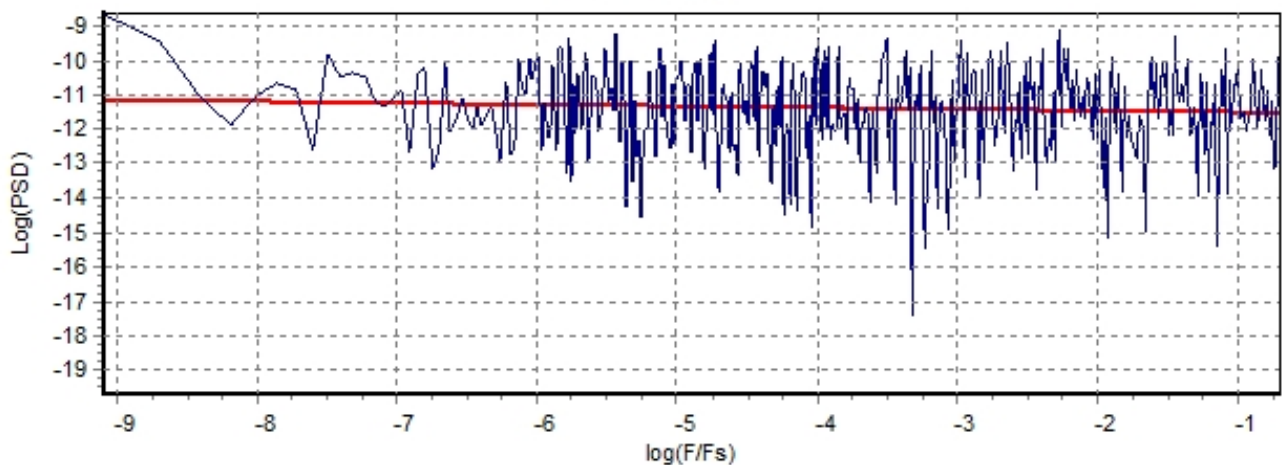**Figure 1 : Processed Data**

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.194000 seconds
    The error bars were computed for a : White FM
    The computation of the Error bars lasted 0.001 seconds

ADEV(tau) was fitted to a line :
    The Solpe of the line is =-0.495085
    The fit result is ADEV(tau=1) = Stability =0.301597

Tau = average Time
ADEV = Overlapping ALLAN STD DEV.
ADEV_Min = ADEV lower bound.
ADEV_Max = ADEV upper bound.
MDEV = Modified ALLAN STD DEV.
TDEV = Time ALLAN STD DEV.
HDEV = Overlapping HADAMARD STD DEV.

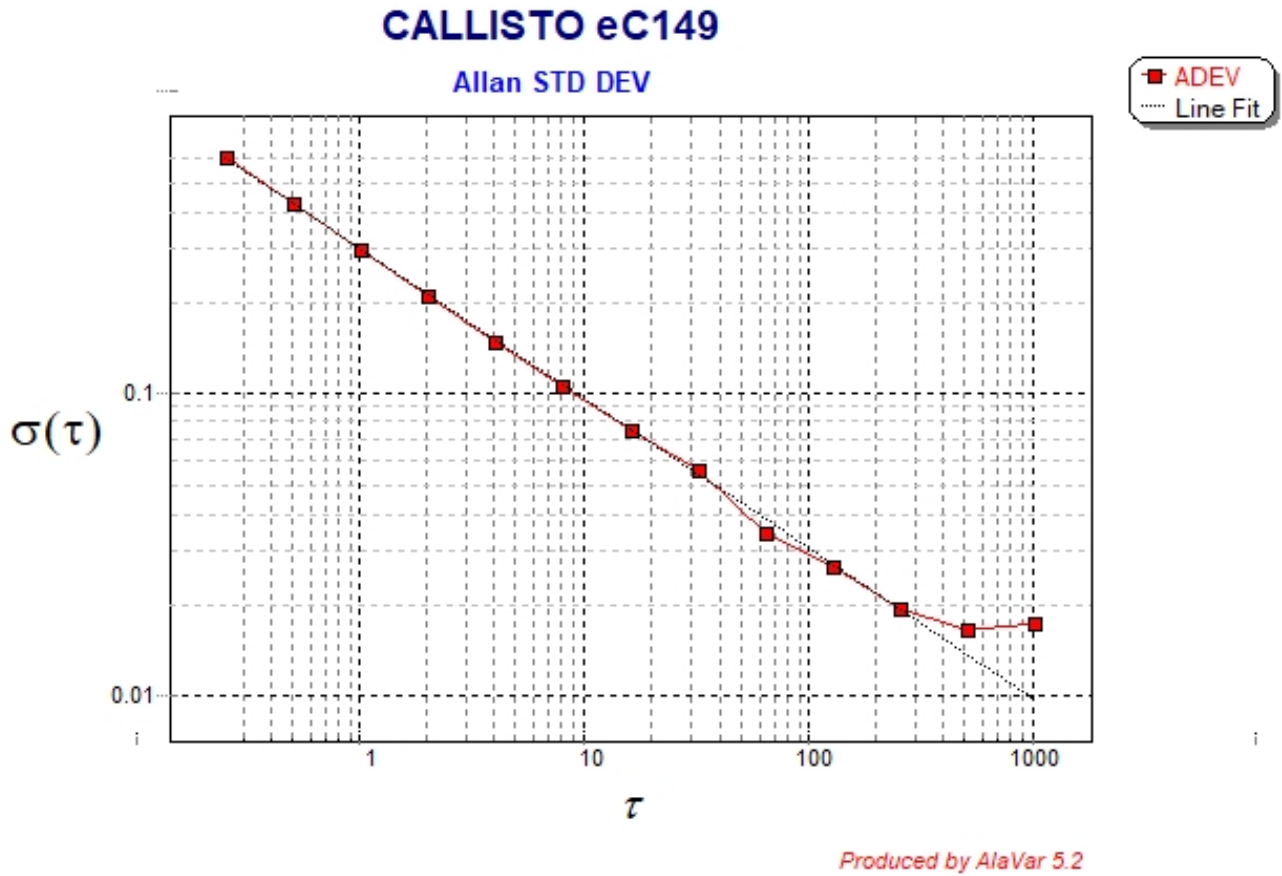| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.60928	0.60539	0.61326	0.60928	0.087943	0.6101
0.5	0.42727	0.42431	0.43028	0.33672	0.097202	0.42809
1	0.29969	0.29704	0.3024	0.21751	0.12558	0.29983
2	0.21223	0.20966	0.21489	0.15143	0.17486	0.21253
4	0.14923	0.14672	0.15188	0.10552	0.24369	0.14912
8	0.1063	0.1038	0.10899	0.07566	0.34946	0.10608
16	0.075999	0.073504	0.078766	0.054298	0.50159	0.075504
32	0.05582	0.053276	0.058767	0.039492	0.72963	0.056957
64	0.034831	0.032641	0.037531	0.024008	0.88711	0.034324
128	0.026665	0.024368	0.029764	0.019018	1.4055	0.026014
256	0.019529	0.017242	0.023059	0.014039	2.0751	0.01938
512	0.016515	0.013904	0.021506	0.01371	4.0528	0.015804
1024	0.017447	0.013733	0.027964	0.013687	8.0921	0.0098414

Figure 3 : Allan Standard Deviation