AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 04.10.2024 20:19:22
Column # 1 was processed
Data length N = 7200 points.
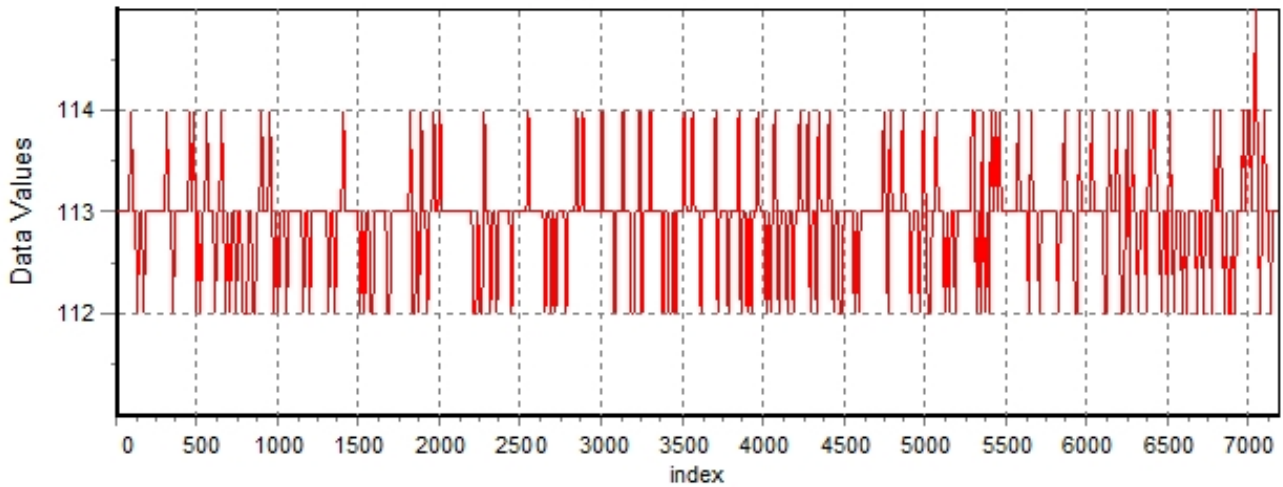   The mean Value of the processed data = 112.879
    The Stanadrd Deviation of the processed data = 2.71695
    The number of removed outliers is 4

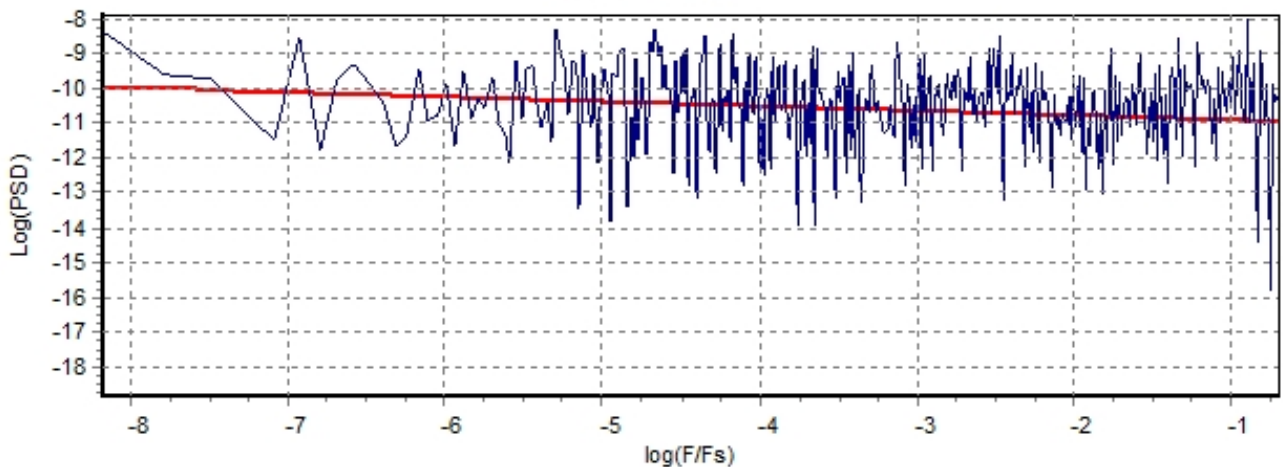**Figure 1 : Processed Data**

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.195000 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 =-0.468567
   The fit result is ADEV(tau=1) = Stability =0.277809

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.

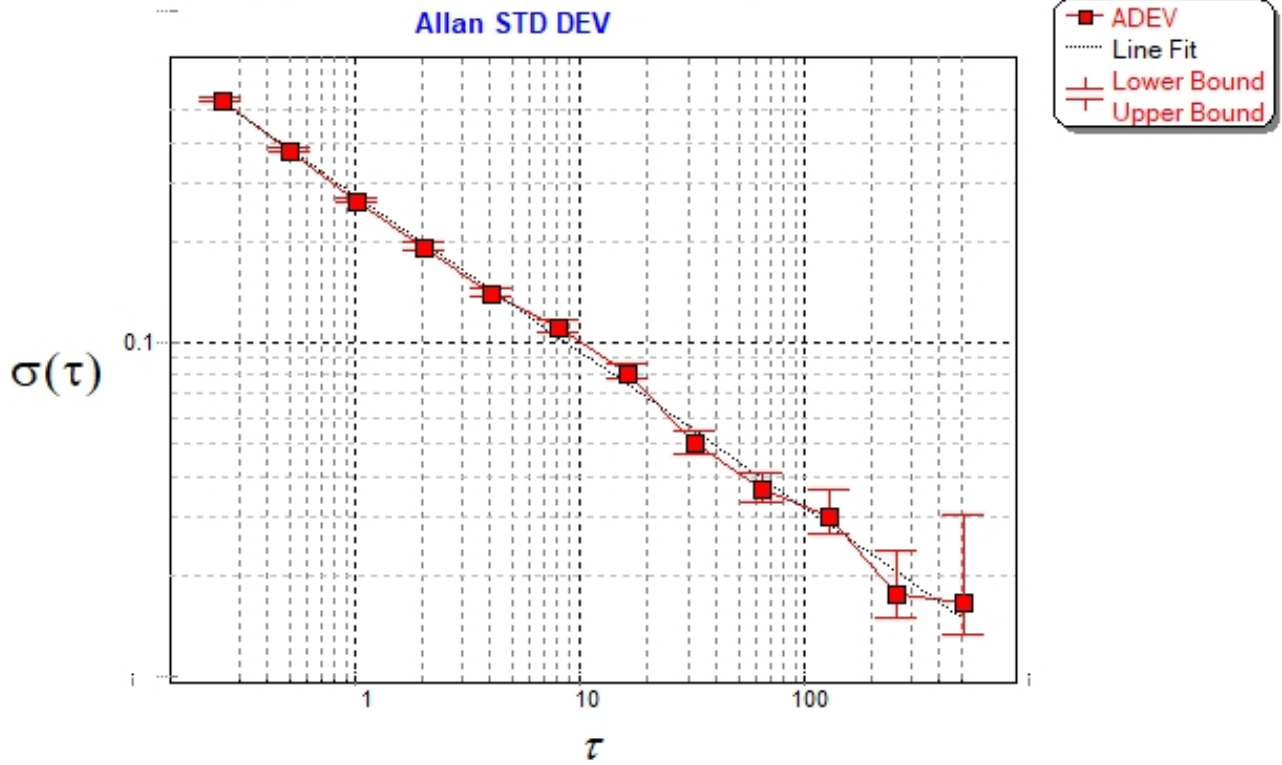| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
0.25	0.54282	0.53735	0.54845	0.54282	0.078349	0.54415
0.5	0.38056	0.37643	0.38483	0.30101	0.086895	0.3804
1	0.27029	0.26655	0.2742	0.19796	0.11429	0.2687
2	0.19608	0.19237	0.20001	0.14062	0.16238	0.19589
4	0.14213	0.1384	0.14618	0.10444	0.24119	0.13847
8	0.11258	0.10847	0.1172	0.083491	0.38563	0.1114
16	0.081266	0.077154	0.086113	0.057154	0.52797	0.082595
32	0.050576	0.047053	0.05503	0.033503	0.61897	0.050262
64	0.036545	0.033067	0.041417	0.026969	0.99653	0.035176
128	0.0302	0.026302	0.036573	0.021938	1.6212	0.030136
256	0.017682	0.014605	0.024167	0.010884	1.6087	0.015949
512	0.016794	0.01286	0.030622	0.014613	4.3197	0.010514

Figure 3 : Allan Standard Deviation