AlaVar generated report

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 31.05.2022 16:34:16
Column # 1 was processed
Data length N = 16200 points.
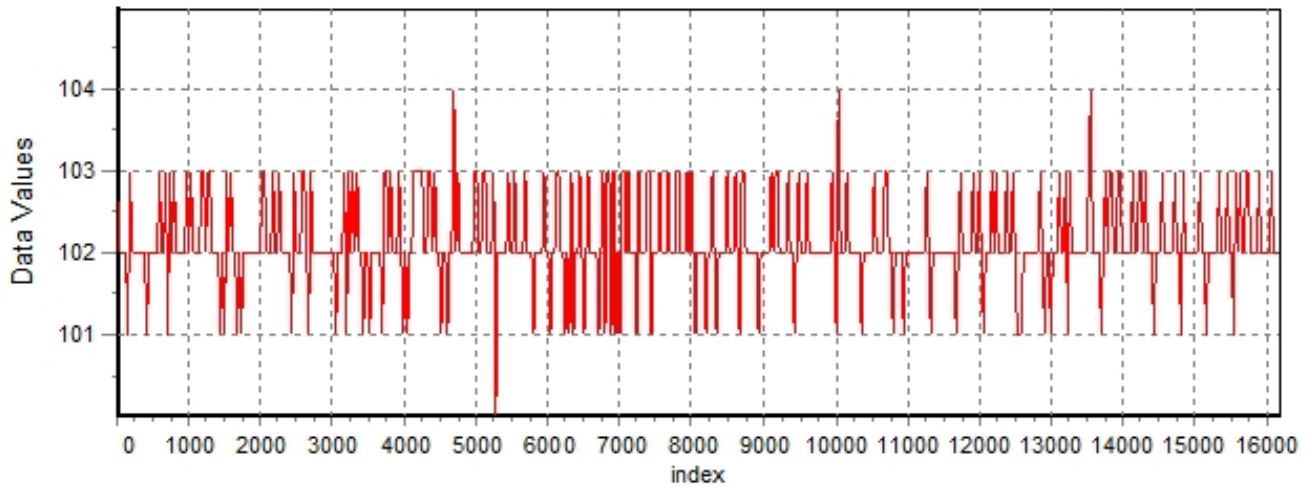 The mean Value of the processed data = 102.079
  The Stanadrd Deviation of the processed data = 2.47551
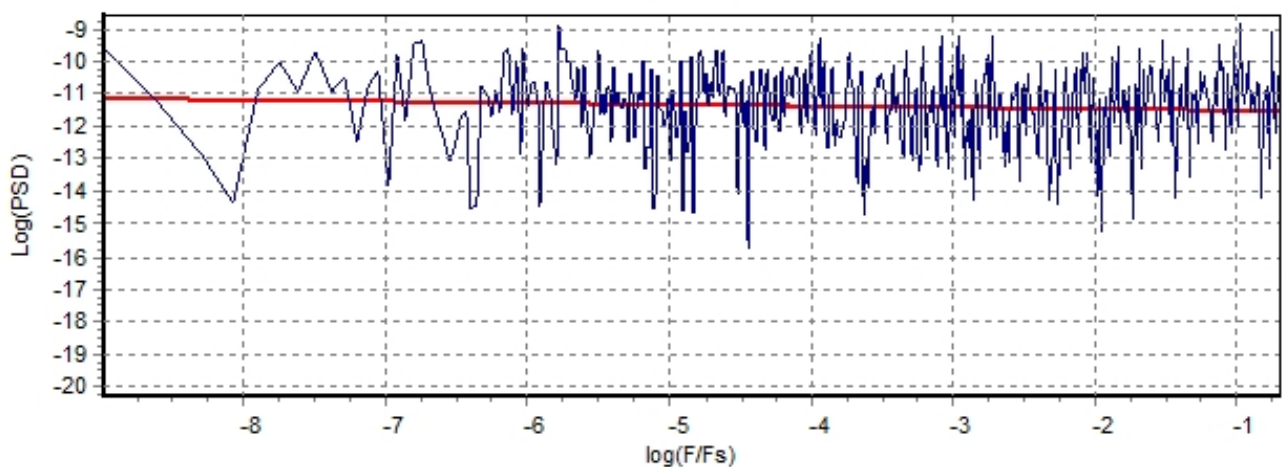 The number of removed outliers is 9

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.199000 seconds
The error bars were computed for a : White FM
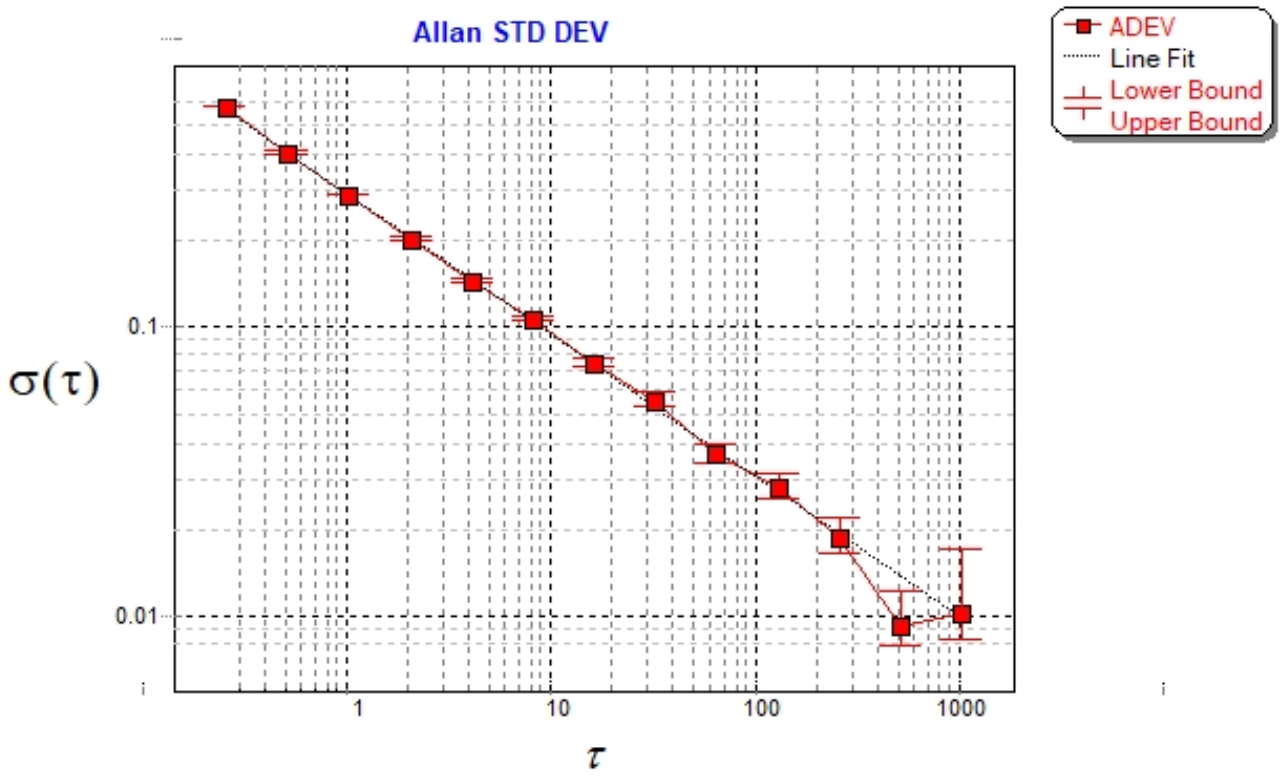The computation of the Error bars lasted 0 seconds

ADEV(tau) was fitted to a line :
The Solpe of the line is =-0.489617
The fit result is ADEV(tau=1) = Stability =0.290235

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	0.58168	0.57776	0.58569	0.58168	0.083959	0.58378
0.5	0.40642	0.40346	0.40944	0.3213	0.092752	0.40668
1	0.28656	0.28389	0.2893	0.20889	0.1206	0.28584
2	0.20419	0.20159	0.20689	0.14513	0.16758	0.20426
4	0.14455	0.14198	0.14725	0.10341	0.23882	0.14307
8	0.10626	0.10363	0.10911	0.076099	0.35149	0.10613
16	0.075003	0.072414	0.077891	0.053013	0.48971	0.07459
32	0.05588	0.053204	0.059004	0.040393	0.74627	0.056457
64	0.036485	0.034077	0.039488	0.025295	0.93464	0.035579
128	0.027886	0.025368	0.031342	0.018952	1.4005	0.026495
256	0.018564	0.016287	0.022171	0.012285	1.8157	0.018991
512	0.0091499	0.0076361	0.012173	0.004987	1.4742	0.0064217
1024	0.010187	0.0079179	0.017238	0.0097422	5.7597	0.0059286

Figure 3 : Allan Standard Deviation