AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 14.12.2024 13:35:04
Column # 1 was processed
Data length N = 25200 points.
   The mean Value of the processed data = 123.33
   The Stanadrd Deviation of the processed data = 2.95915
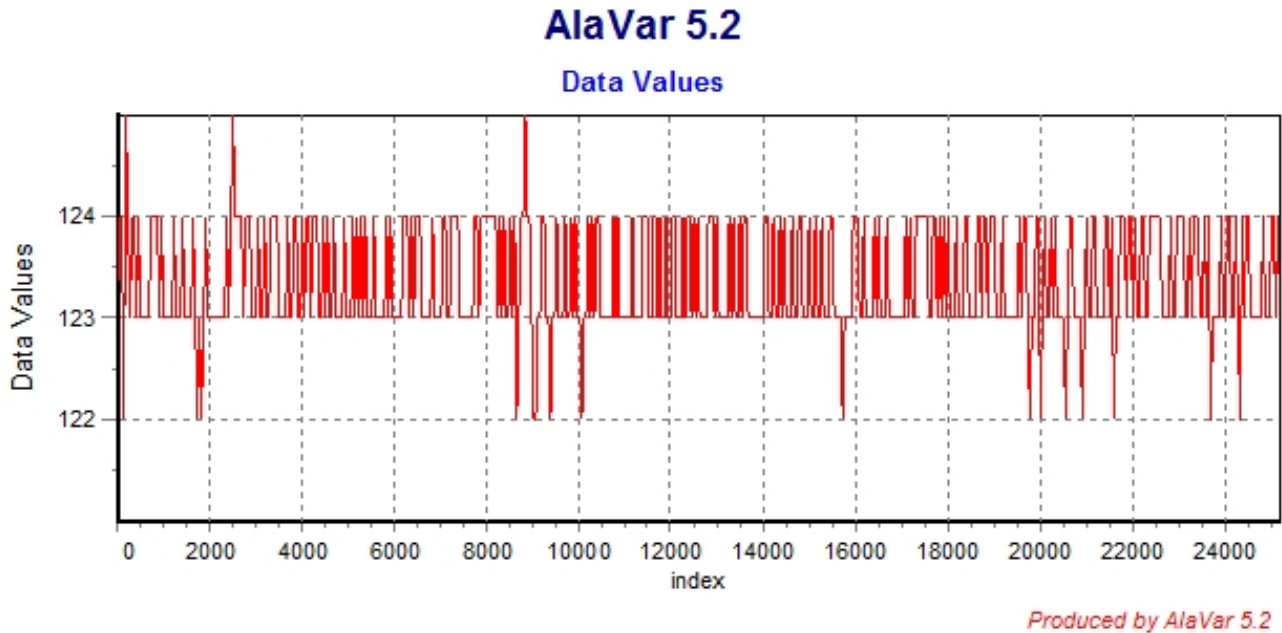   The number of removed outliers is 14
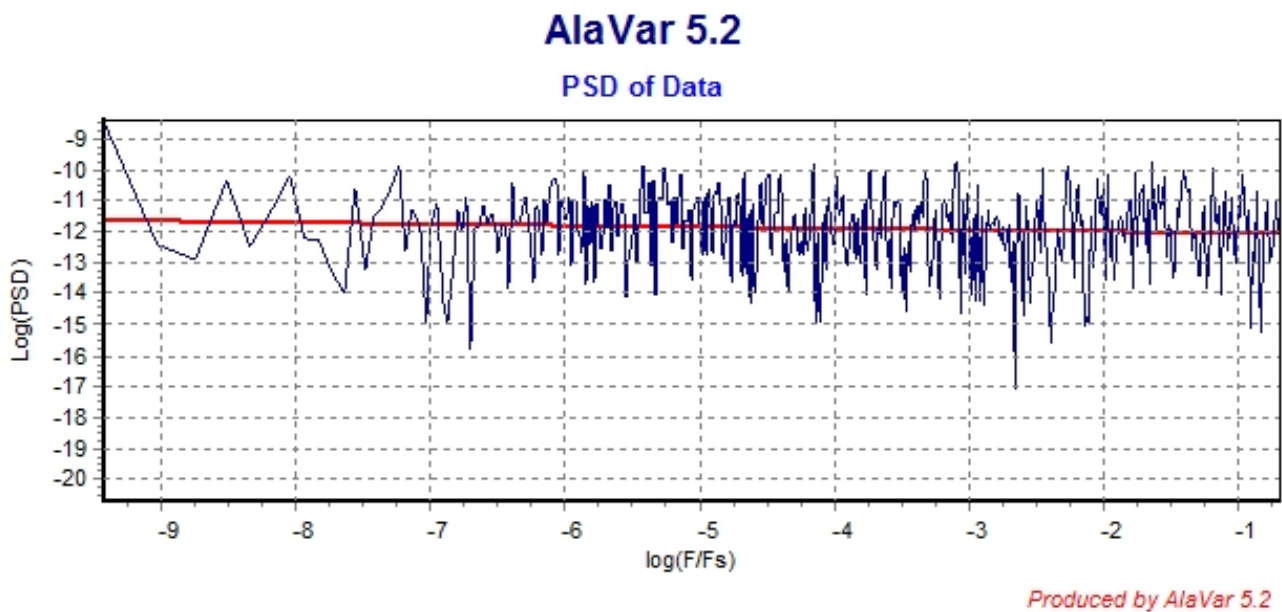

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.033000 seconds
    The error bars were computed for a : White FM
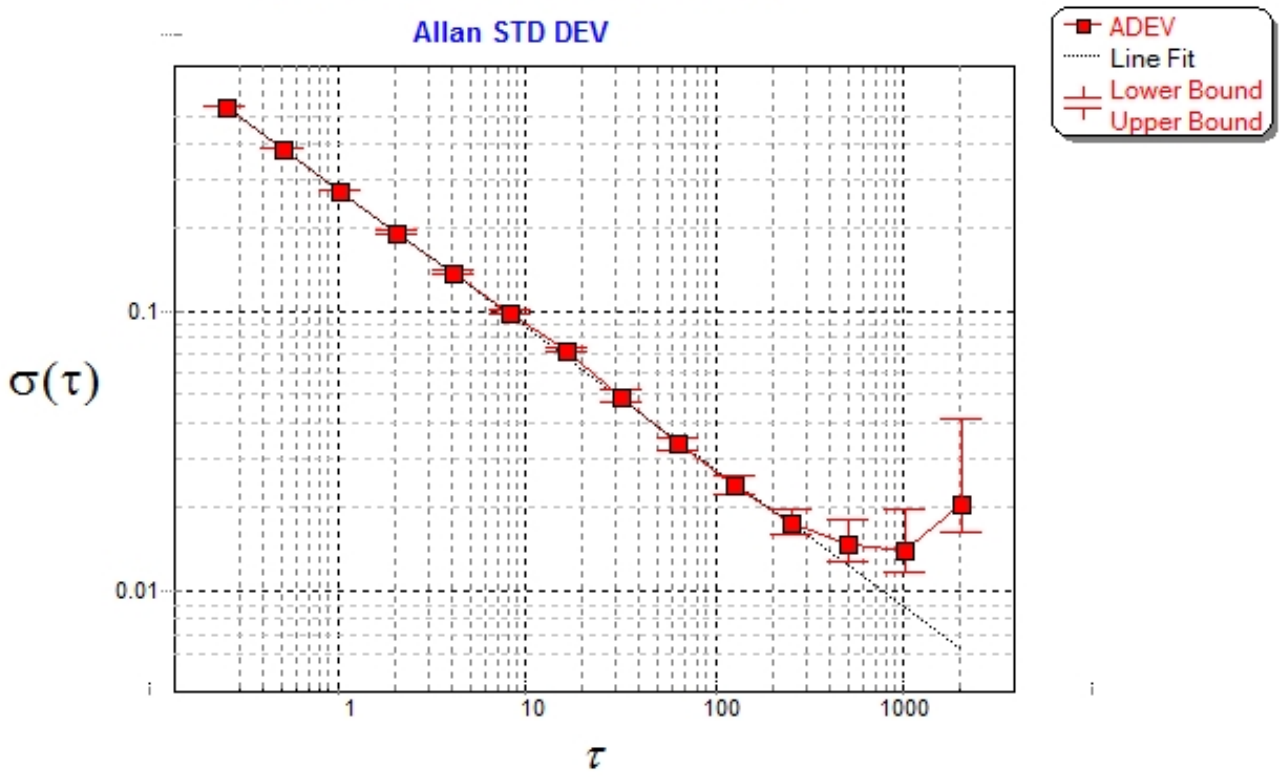   The computation of the Error bars lasted 0.001 seconds

ADEV(tau) was fitted to a line :
    The Solpe of the line is =-0.498093
    The fit result is ADEV(tau=1) = Stability =0.276385

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	0.54819	0.54522	0.55121	0.54819	0.079125	0.54915
0.5	0.38634	0.38408	0.38864	0.30595	0.08832	0.38603
1	0.27391	0.27186	0.27601	0.19957	0.11522	0.27394
2	0.19461	0.19261	0.19666	0.13958	0.16118	0.19401
4	0.13911	0.13712	0.14119	0.098983	0.22859	0.13896
8	0.099442	0.097453	0.10156	0.071132	0.32854	0.098767
16	0.072703	0.070671	0.07492	0.052157	0.4818	0.072865
32	0.050379	0.04842	0.052597	0.035039	0.64735	0.050657
64	0.033834	0.032013	0.036006	0.023071	0.85247	0.033889
128	0.023981	0.022206	0.026263	0.017408	1.2865	0.023663
256	0.0175	0.015733	0.020038	0.01233	1.8224	0.015676
512	0.014885	0.012849	0.018345	0.010335	3.0551	0.013322
1024	0.014133	0.011529	0.020015	0.013127	7.7608	0.0093368
2048	0.020507	0.015422	0.041773	0.016463	19.466	0.023665

Figure 3 : Allan Standard Deviation