

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 11.04.2026 10:39:06

Column # 1 was processed

Data length N = 23400 points.

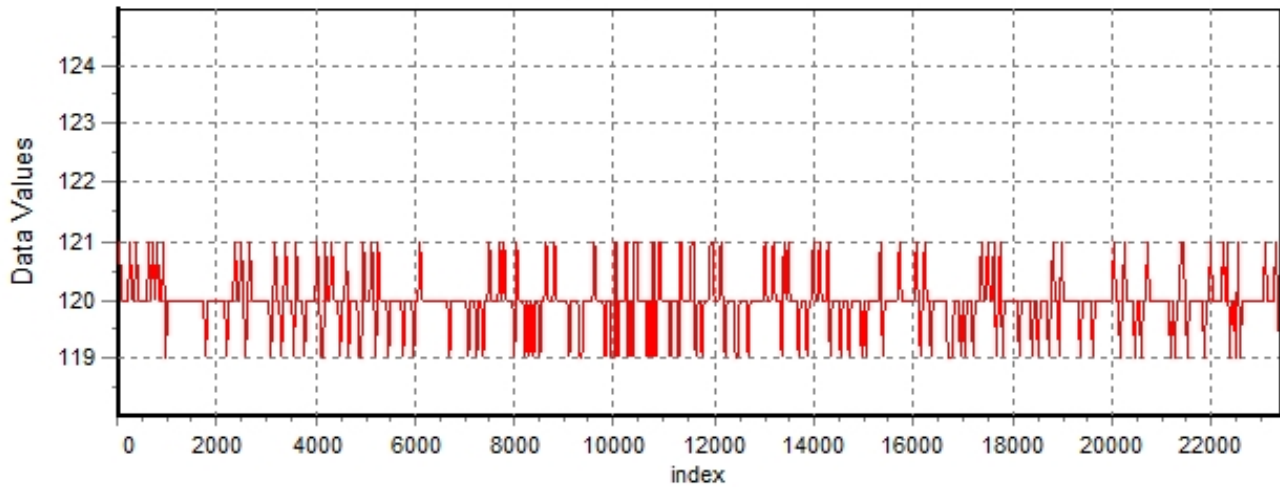
The mean Value of the processed data = 119.936

The Stanardr Deviation of the processed data = 2.14804

The number of removed outliers is 7

AlaVar 5.2

Data Values

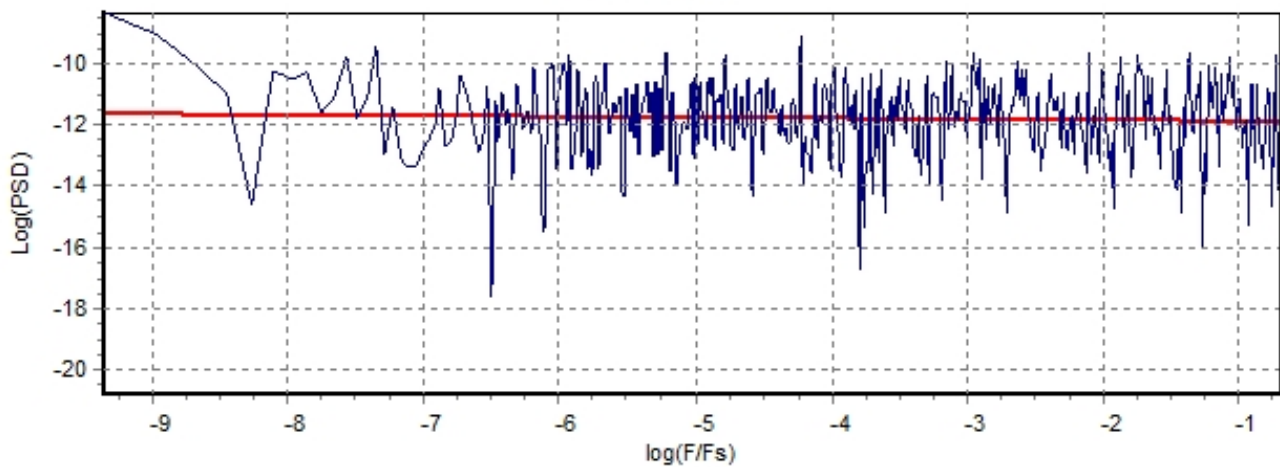


Produced by AlaVar 5.2

Figure 1 : Processed Data

AlaVar 5.2

PSD of Data



Produced by AlaVar 5.2

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.028000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0 seconds

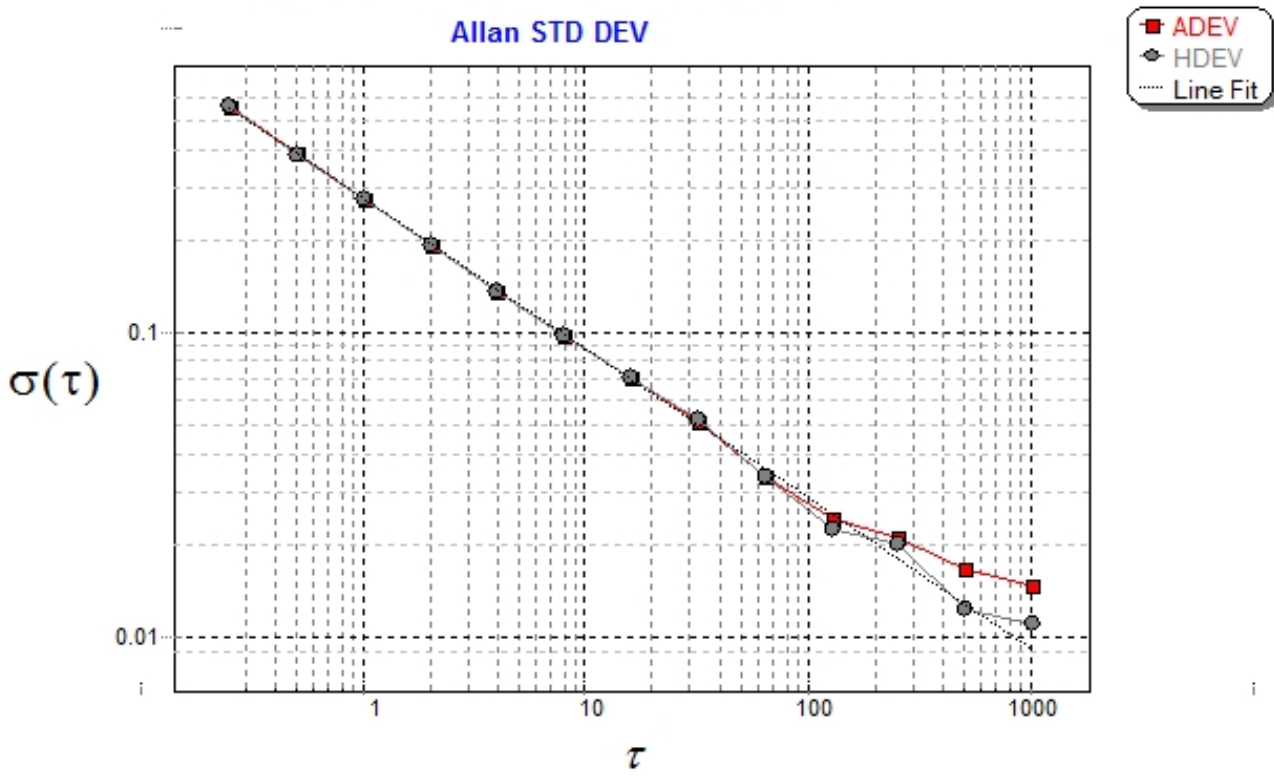
ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.492174
 The fit result is ADEV(tau=1) = Stability =0.277657

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	0.55695	0.55382	0.56013	0.55695	0.080389	0.55844
0.5	0.39084	0.38847	0.39325	0.30967	0.089395	0.38979
1	0.27795	0.2758	0.28016	0.20183	0.11653	0.27846
2	0.19573	0.19365	0.19787	0.13978	0.1614	0.19566
4	0.13815	0.13611	0.14029	0.097802	0.22586	0.13792
8	0.098161	0.096126	0.10033	0.069669	0.32179	0.097598
16	0.071477	0.069408	0.073744	0.051006	0.47117	0.071542
32	0.051317	0.049251	0.053668	0.036806	0.67999	0.051726
64	0.033916	0.032026	0.036184	0.023064	0.85222	0.033752
128	0.024629	0.022744	0.027077	0.018203	1.3452	0.022722
256	0.021376	0.019145	0.024625	0.015757	2.3289	0.020386
512	0.016651	0.014299	0.020741	0.011424	3.3769	0.012479
1024	0.014821	0.012002	0.021464	0.0061867	3.6576	0.011153

CALLISTO eC205, 11.04.2026

Allan STD DEV



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Figure 3 : Allan Standard Deviation