

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 21.12.2025 10:04:50

Column # 1 was processed

Data length N = 86400 points.

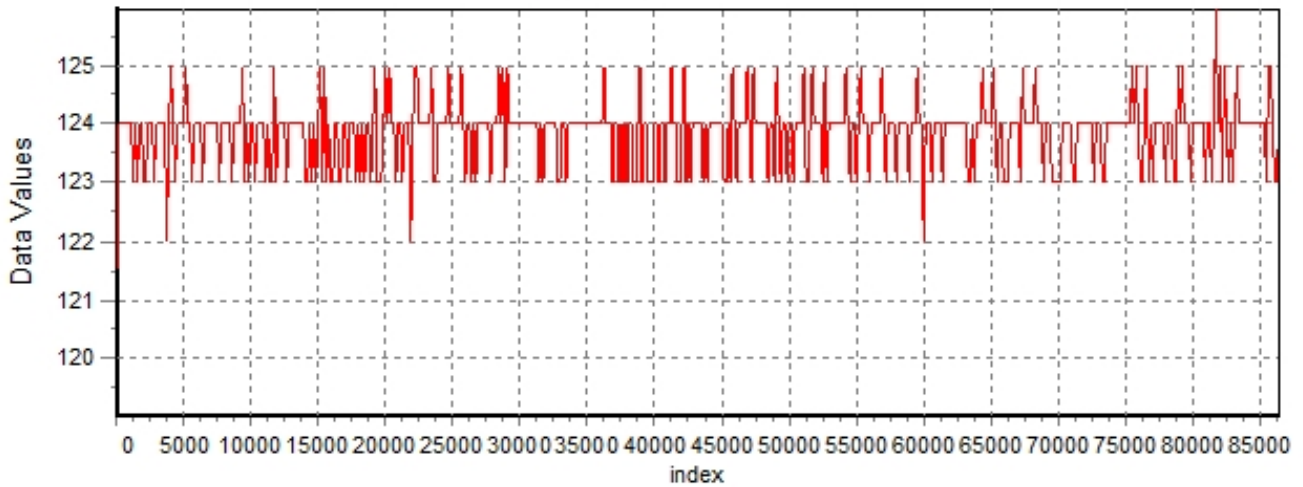
The mean Value of the processed data = 123.799

The Stanadrd Deviation of the processed data = 2.75577

The number of removed outliers is 41

AlaVar 5.2

Data Values

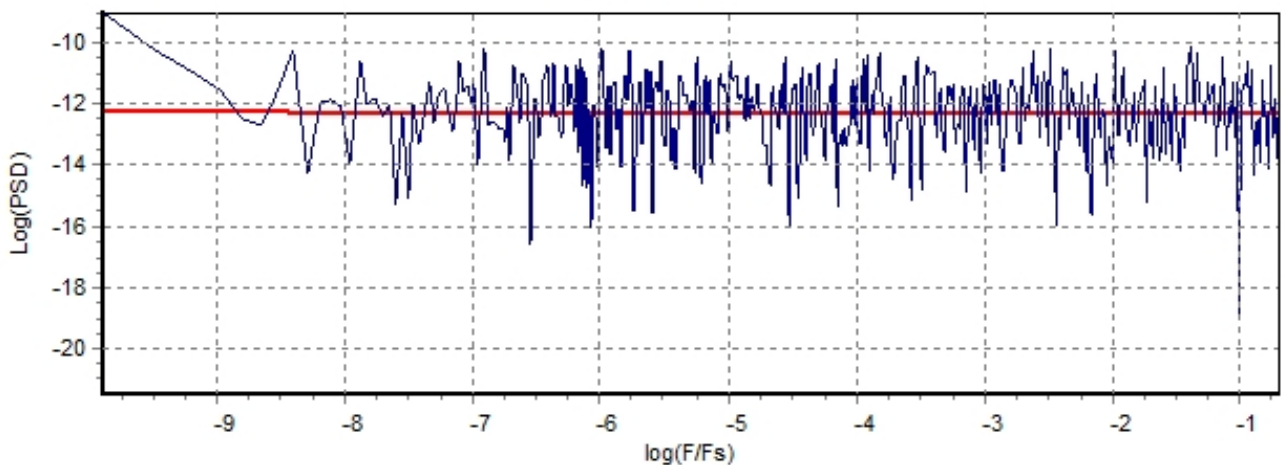


Produced by AlaVar 5.2

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 0.047000 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 =-0.498358

The fit result is ADEV(tau=1) = Stability =0.281934

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	0.5639	0.56224	0.56557	0.5639	0.081391	0.5647
0.5	0.396	0.39475	0.39727	0.31287	0.090318	0.3957
1	0.28121	0.28006	0.28236	0.2052	0.11847	0.28096
2	0.19951	0.1984	0.20064	0.14222	0.16422	0.19974
4	0.1407	0.13961	0.14183	0.099618	0.23006	0.14082
8	0.099469	0.09838	0.10059	0.0707	0.32655	0.099013
16	0.071401	0.070304	0.072552	0.050809	0.46935	0.071149
32	0.051373	0.050267	0.052556	0.036412	0.67271	0.051591
64	0.035667	0.034594	0.036846	0.025204	0.93128	0.035729
128	0.025308	0.024249	0.026518	0.017795	1.3151	0.02575
256	0.016892	0.015916	0.018074	0.011959	1.7676	0.016637
512	0.012863	0.011843	0.014204	0.0093348	2.7594	0.012999
1024	0.0090504	0.0080719	0.0105	0.0071327	4.2169	0.0080175
2048	0.010726	0.0091583	0.013528	0.0099822	11.803	0.0059133
4096	0.017976	0.014437	0.026743	0.018601	43.987	0.0092066

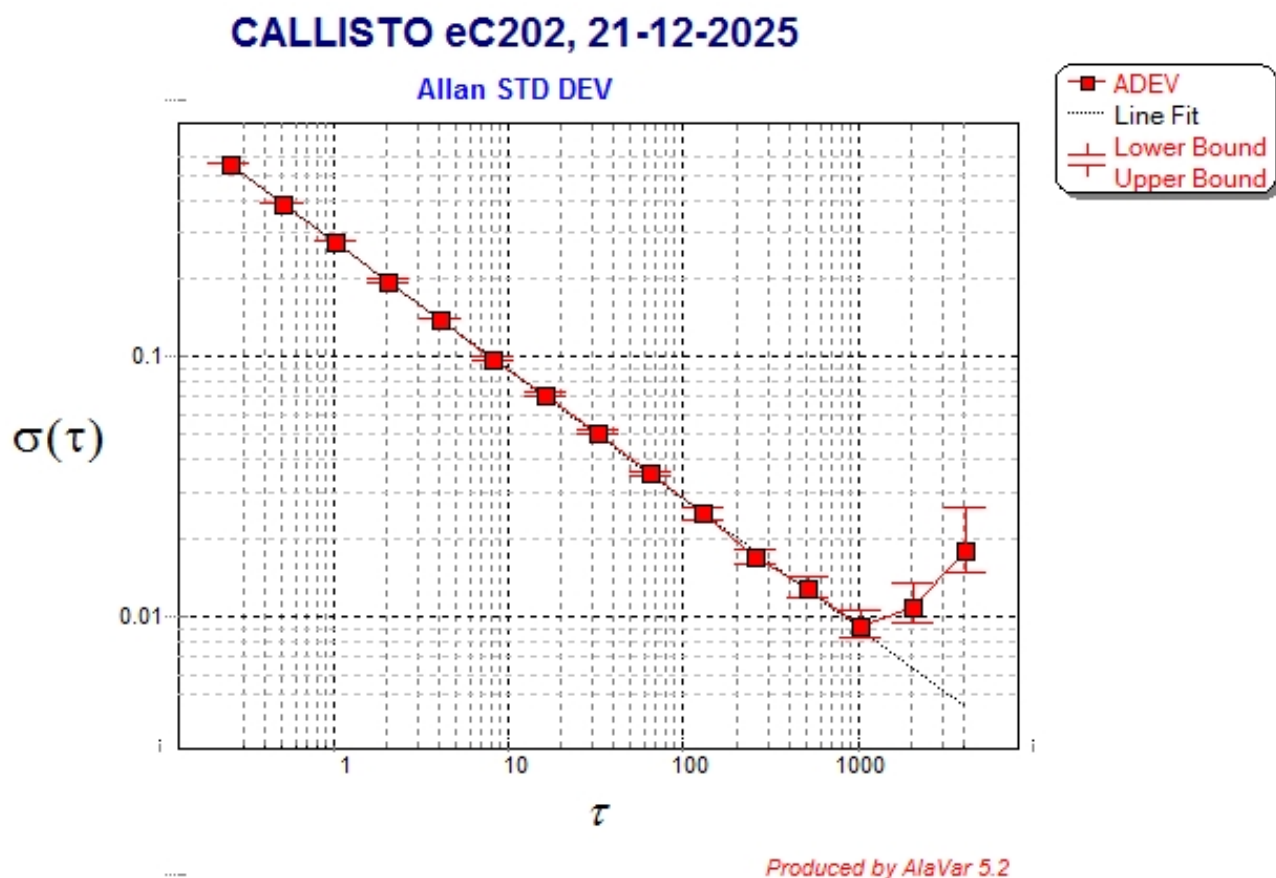


Figure 3 : Allan Standard Deviation