

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 08.06.2025 18:57:48

Column # 1 was processed

Data length N = 10800 points.

The mean Value of the processed data = 398266

The Stanardr Deviation of the processed data = 4.13768×10^7

The number of removed outliers is 1

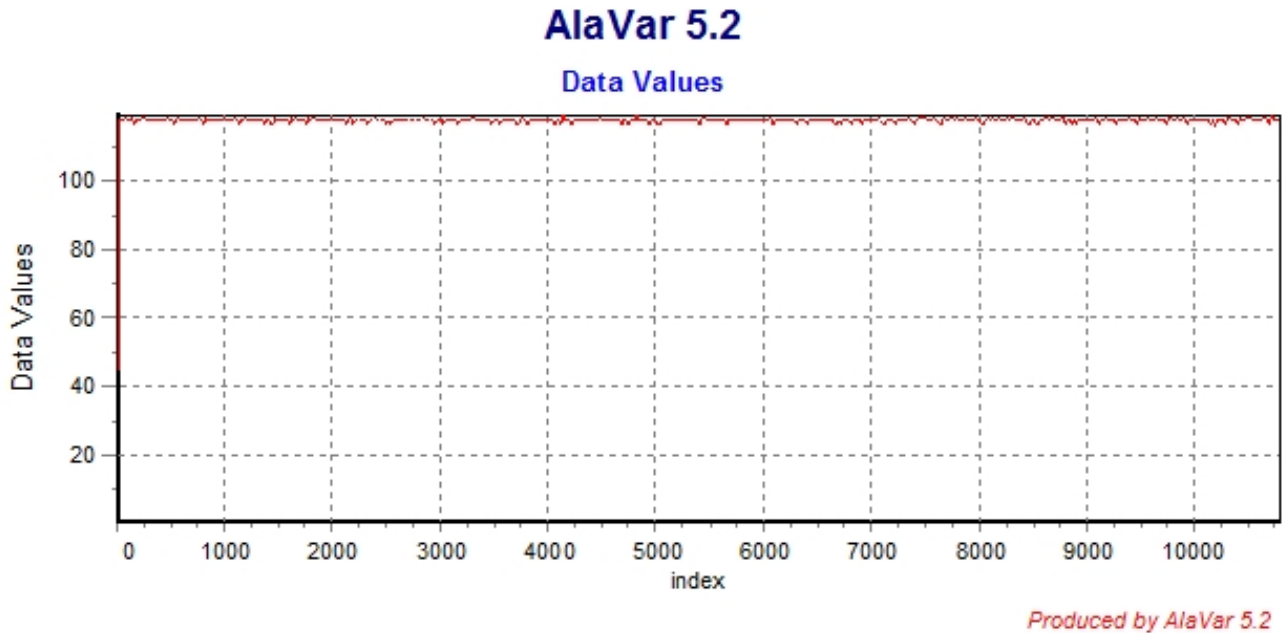


Figure 1 : Processed Data

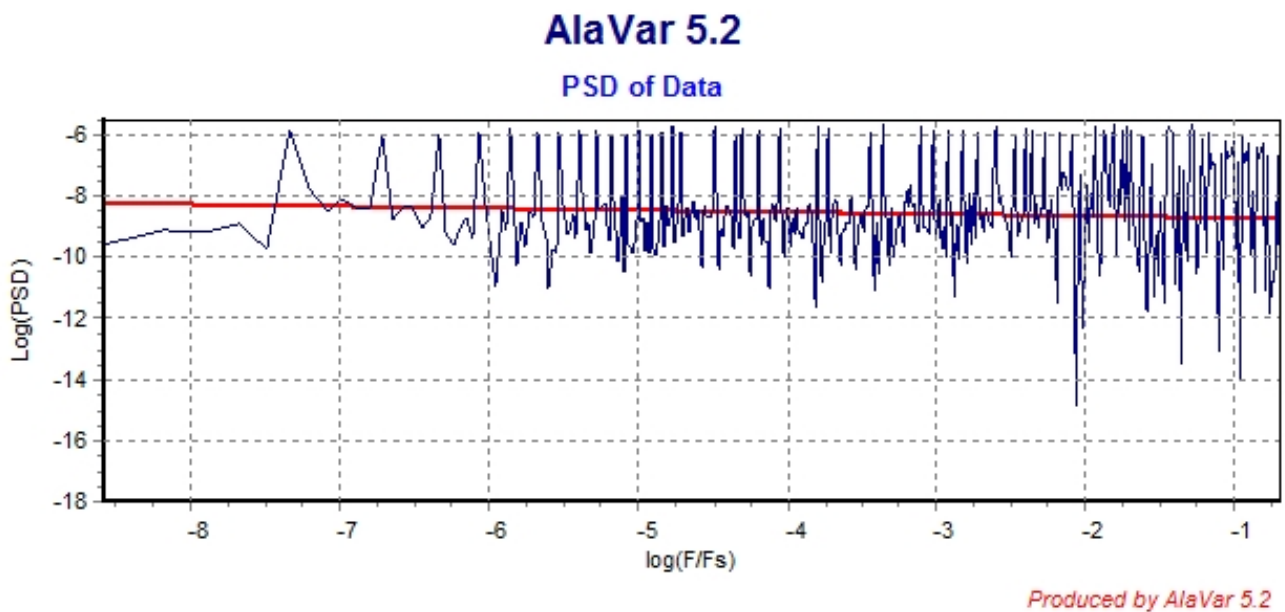


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVS lasted 0.094000 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 =-0.508945

The fit result is ADEV(tau=1) = Stability =1.07197

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
0.2	2.4755	2.4551	2.4964	2.4755	0.28585	2.3843
0.4	1.7077	1.6925	1.7233	1.3263	0.3063	1.6771
0.8	1.188	1.1745	1.2019	0.85337	0.39416	1.179
1.6	0.83021	0.81733	0.84372	0.58849	0.54362	0.82512
3.2	0.5902	0.57746	0.60382	0.41812	0.77249	0.5881
6.4	0.42048	0.40782	0.43438	0.29753	1.0994	0.42242
12.8	0.29162	0.27942	0.30556	0.20579	1.5208	0.29175
25.6	0.20794	0.19592	0.22248	0.14648	2.1651	0.21025
51.2	0.14519	0.13367	0.16031	0.10388	3.0707	0.14532
102.4	0.11088	0.098892	0.12863	0.081648	4.8271	0.11439
204.8	0.070883	0.060523	0.089393	0.037547	4.4396	0.07853
409.6	0.02768	0.022232	0.041174	0.010133	2.3963	0.024545

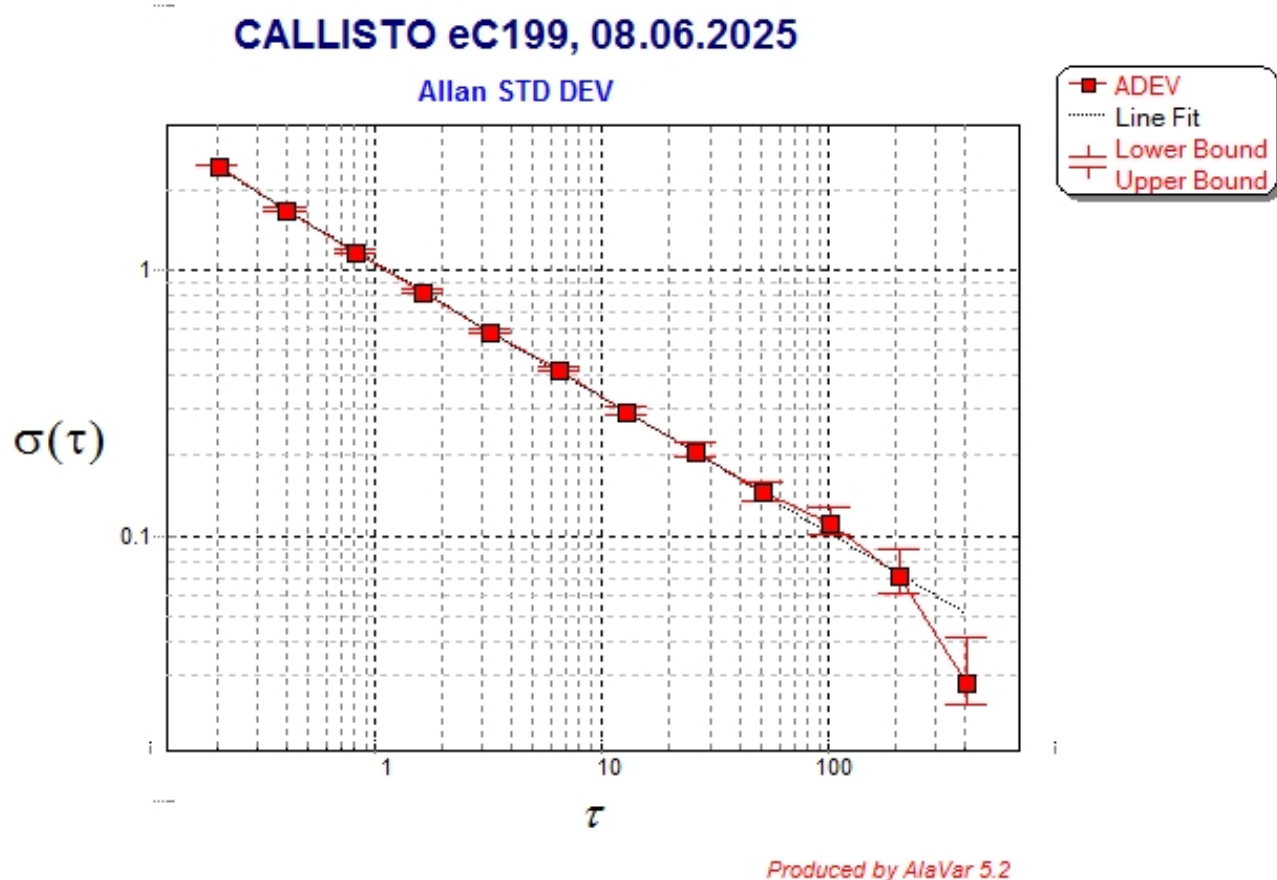


Figure 3 : Allan Standard Deviation