

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 07.06.2025 20:38:04

Column # 1 was processed

Data length N = 9155 points.

The mean Value of the processed data = 110.452

The Stanadr Deviation of the processed data = 2.88831

The number of removed outliers is 6

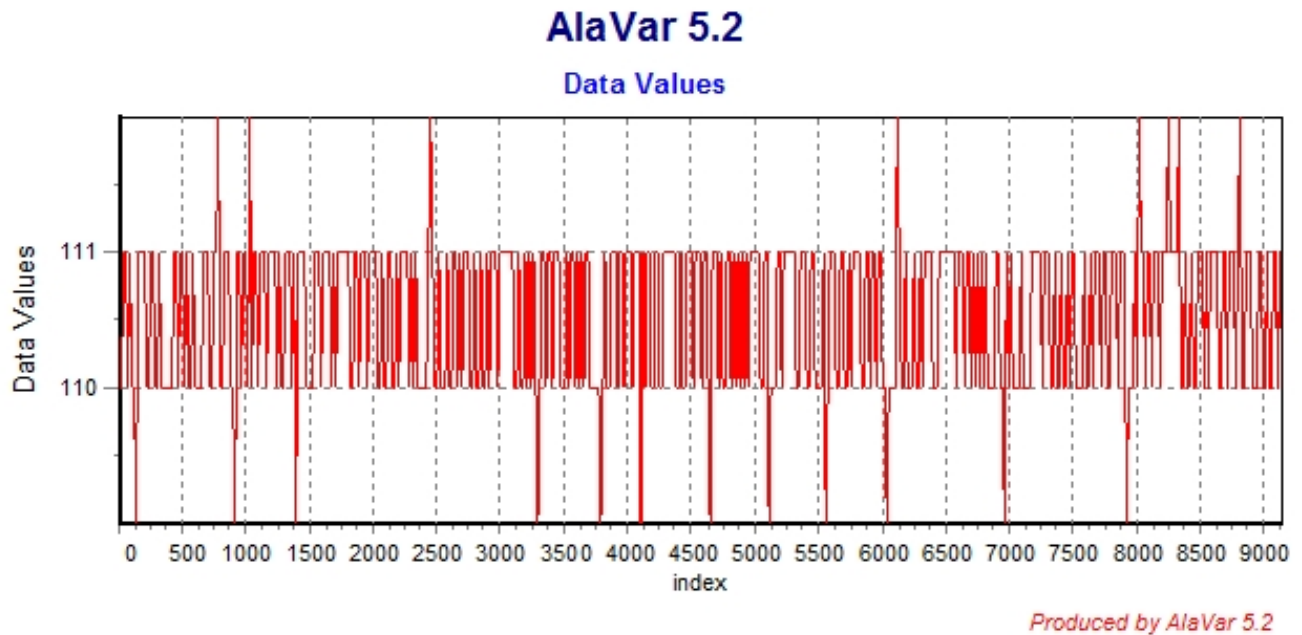


Figure 1 : Processed Data

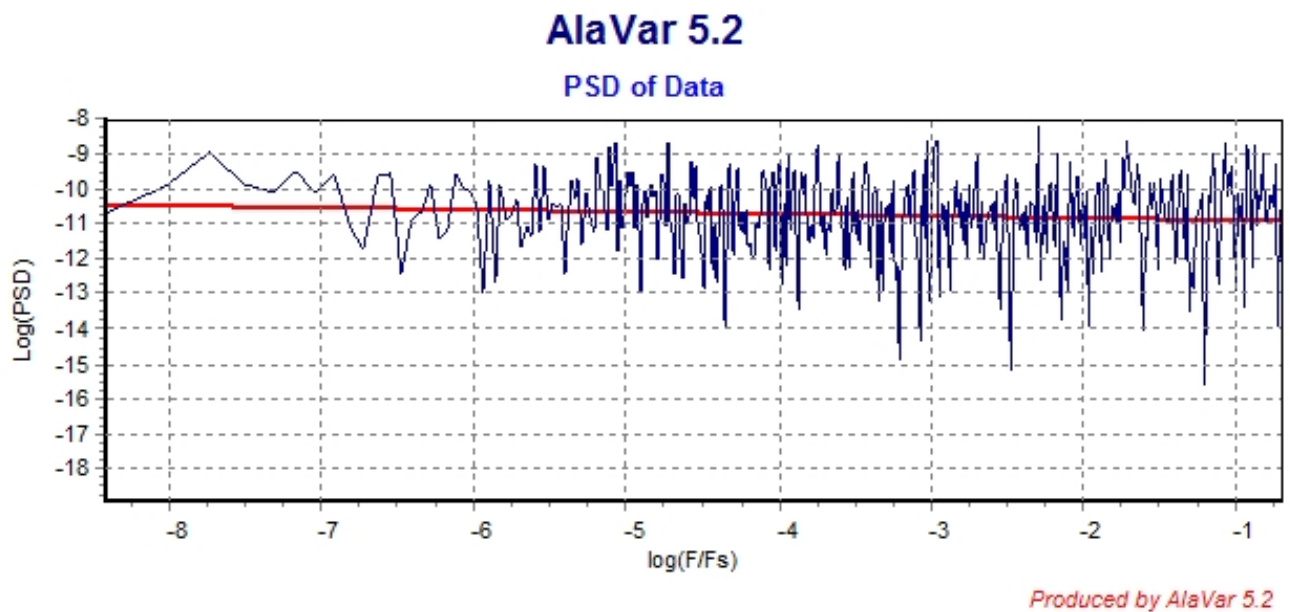


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.017000 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 =-0.498685

The fit result is ADEV(tau=1) = Stability =0.293049

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	0.58461	0.57938	0.58998	0.58461	0.084381	0.5859
0.5	0.40916	0.40521	0.41322	0.32315	0.093285	0.40855
1	0.29054	0.28696	0.29426	0.21176	0.12226	0.28928
2	0.20962	0.2061	0.21334	0.15033	0.17358	0.20961
4	0.14859	0.14511	0.15233	0.10581	0.24435	0.14907
8	0.10414	0.10075	0.1079	0.074	0.34179	0.10344
16	0.076193	0.072748	0.080179	0.054048	0.49928	0.077443
32	0.050022	0.046901	0.053862	0.034812	0.64316	0.04961
64	0.037873	0.034634	0.042229	0.027559	1.0183	0.036803
128	0.030825	0.027241	0.036333	0.02264	1.6731	0.029828
256	0.024514	0.020666	0.031819	0.015655	2.3138	0.022509
512	0.01309	0.010324	0.020816	0.0094833	2.8033	0.010864

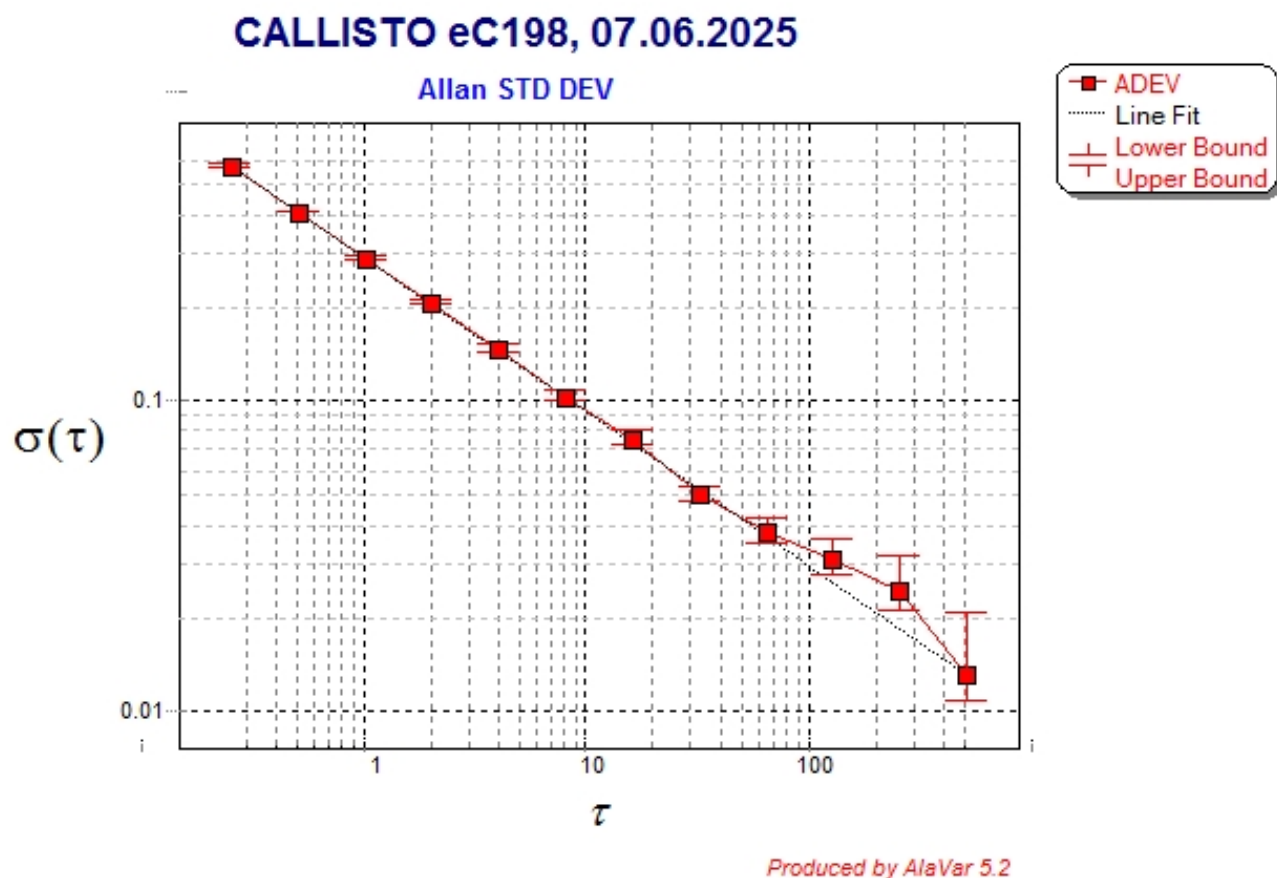


Figure 3 : Allan Standard Deviation