

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 20.12.2025 14:33:34

Column # 1 was processed

Data length N = 26059 points.

The mean Value of the processed data = 118.891

The Stanadrd Deviation of the processed data = 2.90475

The number of removed outliers is 15

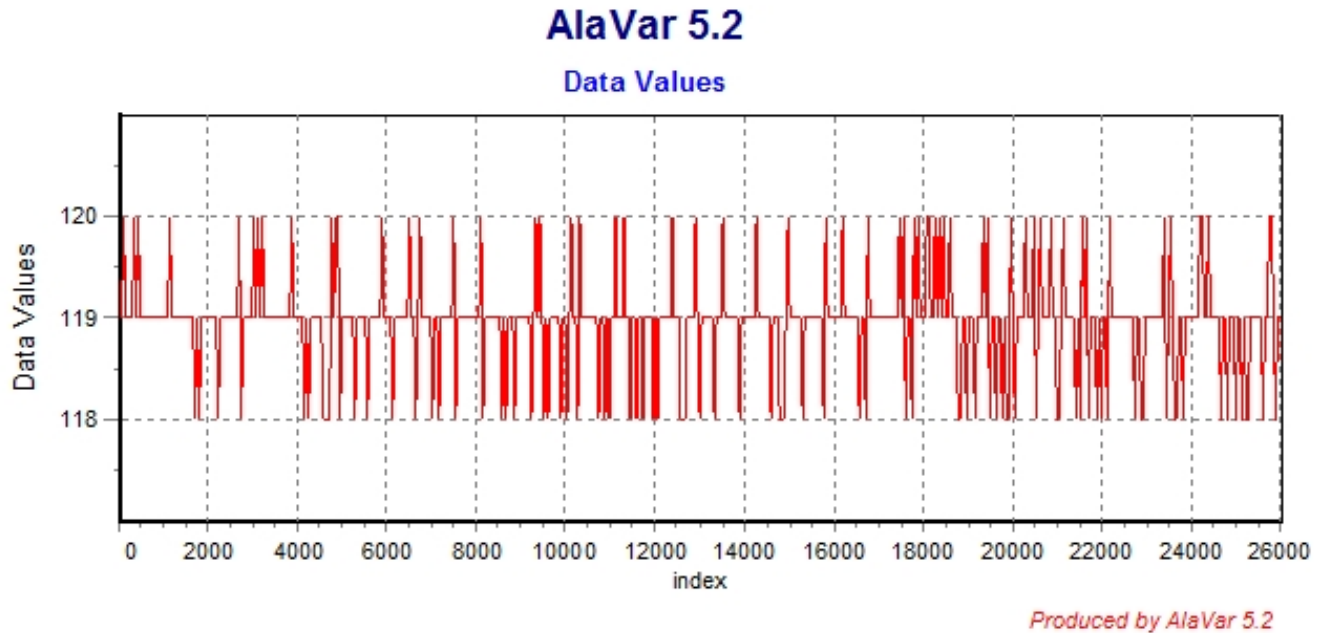


Figure 1 : Processed Data

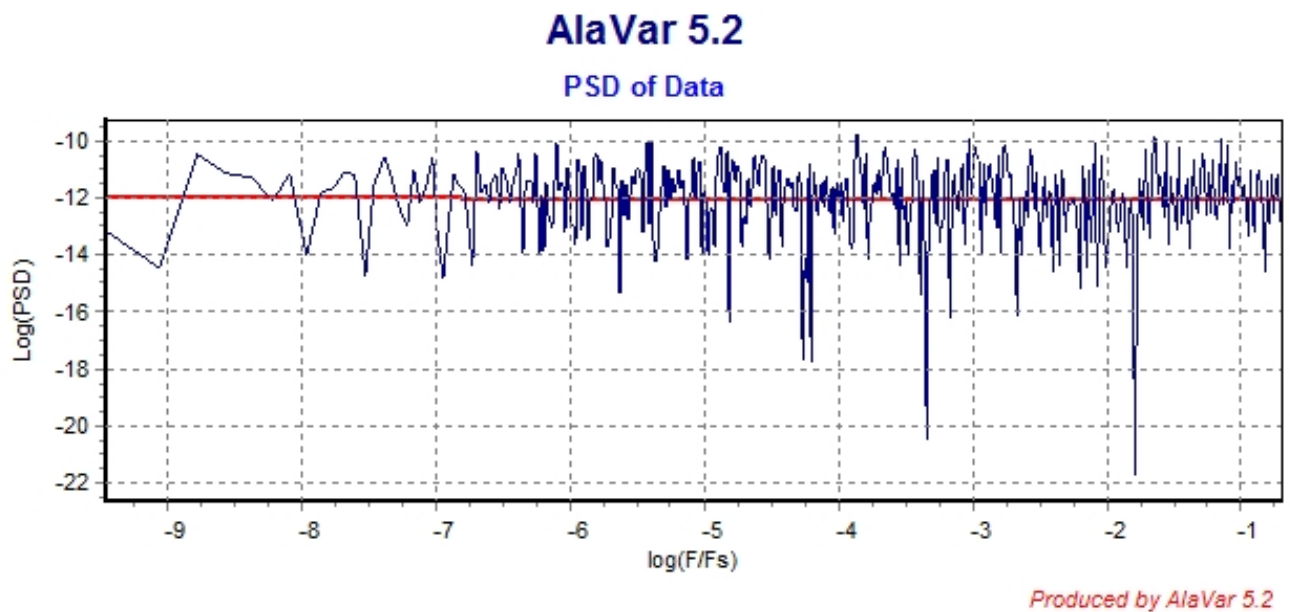


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.027000 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 Slope of the line is =-0.51382

The fit result is ADEV(tau=1) = Stability =0.273105

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	0.54553	0.54262	0.54848	0.54553	0.078741	0.54626
0.5	0.38402	0.38182	0.38627	0.30361	0.087646	0.3843
1	0.27072	0.26873	0.27275	0.19752	0.11404	0.27008
2	0.19313	0.19119	0.19514	0.13779	0.15911	0.19284
4	0.13732	0.13539	0.13934	0.097362	0.22485	0.13798
8	0.095275	0.0934	0.097267	0.067418	0.31139	0.094766
16	0.067986	0.066116	0.070023	0.047356	0.43746	0.06861
32	0.047019	0.045219	0.049052	0.032914	0.60809	0.047185
64	0.031945	0.030252	0.033958	0.0221	0.81662	0.032205
128	0.021793	0.020204	0.023827	0.015191	1.1226	0.02152
256	0.015105	0.013602	0.017249	0.01029	1.5208	0.015048
512	0.011397	0.0098606	0.013982	0.0080763	2.3874	0.011004
1024	0.007905	0.0064691	0.01109	0.004557	2.6941	0.00904
2048	0.0029436	0.0022239	0.0058128	0.0017681	2.0906	0.0025269

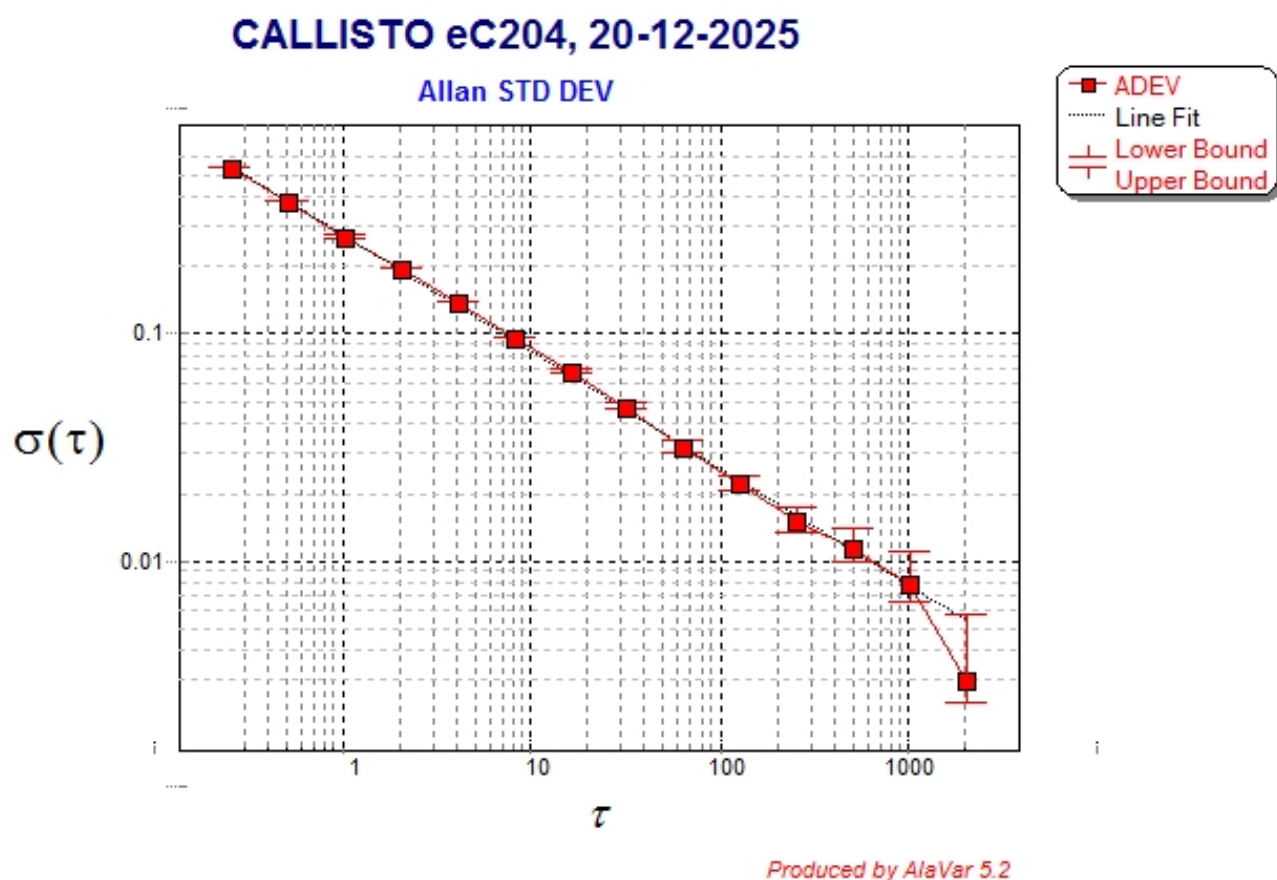


Figure 3 : Allan Standard Deviation