

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 11.04.2026 16:46:06

Column # 1 was processed

Data length N = 10800 points.

The mean Value of the processed data = 123.989

The Stanardr Deviation of the processed data = 2.97322

The number of removed outliers is 6

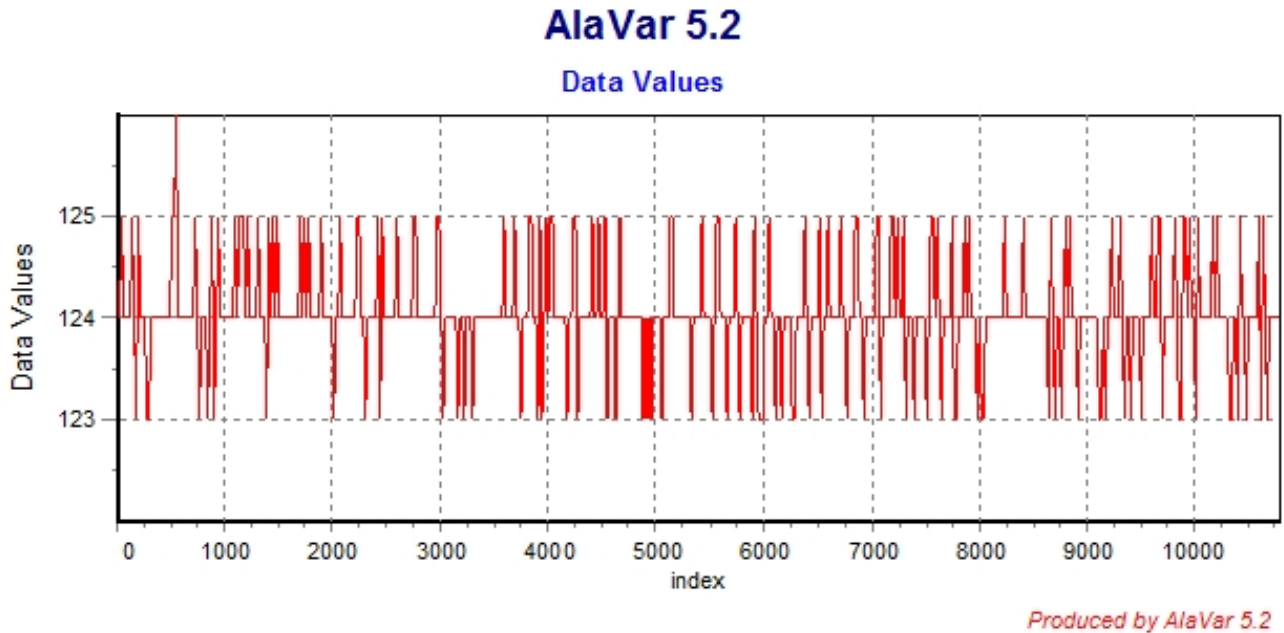


Figure 1 : Processed Data

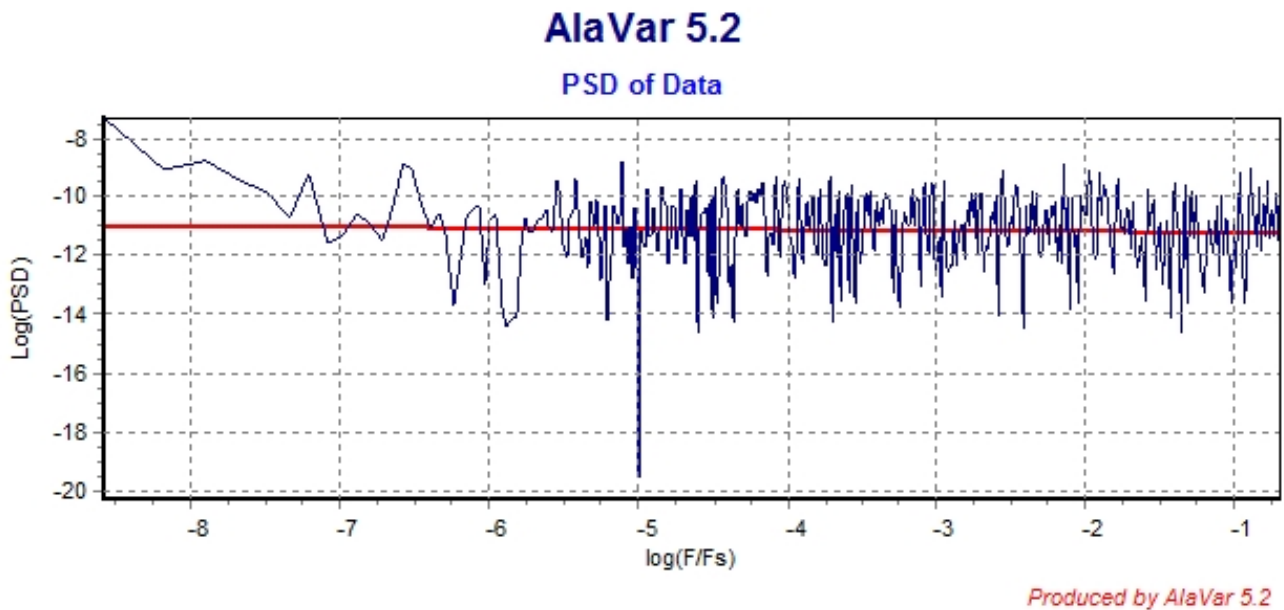


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.019000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0 seconds

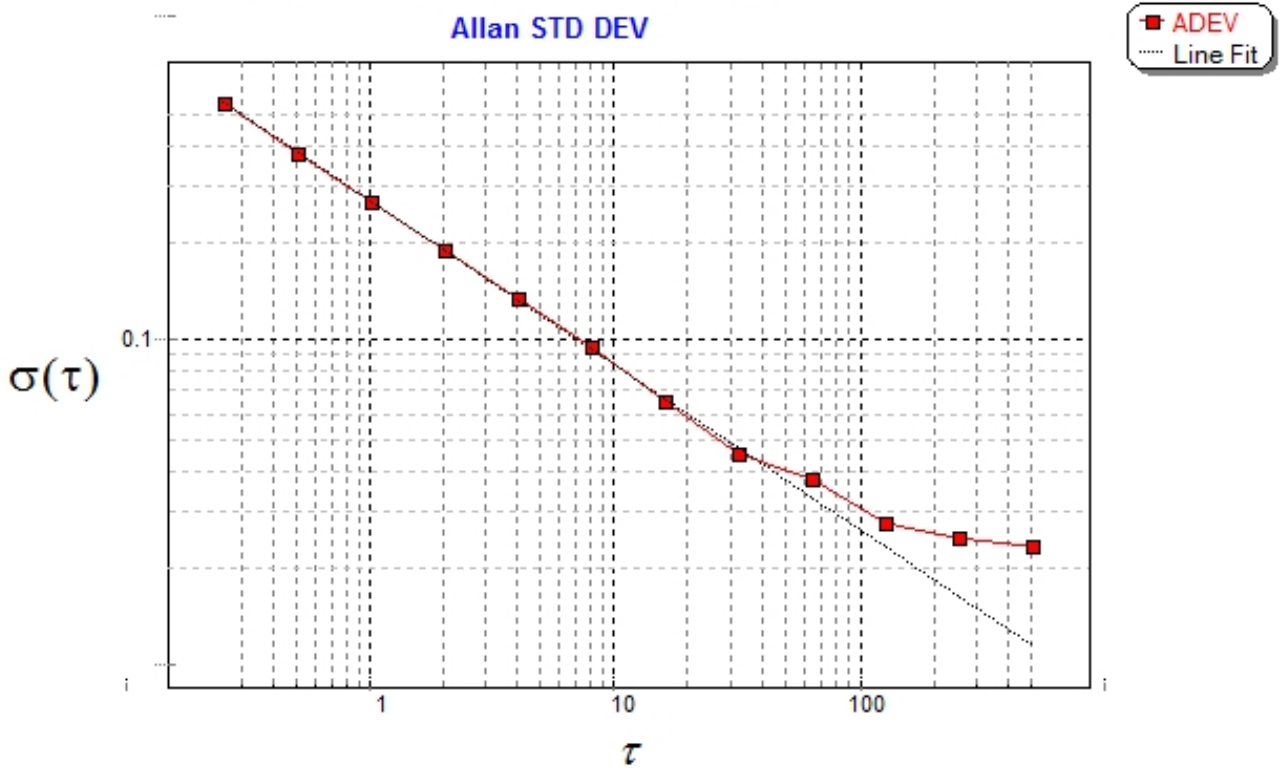
ADEV(tau) was fitted to a line :
 The Slope of the line is =-0.507378
 The fit result is ADEV(tau=1) = Stability =0.269308

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	0.54208	0.53761	0.54666	0.54208	0.078242	0.54193
0.5	0.38193	0.37854	0.38542	0.30077	0.086825	0.38292
1	0.26761	0.26458	0.27076	0.19513	0.11266	0.26726
2	0.19015	0.1872	0.19325	0.13546	0.15642	0.1901
4	0.13542	0.1325	0.13855	0.096258	0.2223	0.13553
8	0.095356	0.092486	0.098511	0.066834	0.30869	0.096362
16	0.064401	0.061707	0.067481	0.04494	0.41514	0.064833
32	0.044634	0.042053	0.047756	0.031622	0.58423	0.043865
64	0.036985	0.03405	0.040839	0.028435	1.0507	0.036661
128	0.027228	0.024284	0.031588	0.020574	1.5205	0.025669
256	0.024586	0.020991	0.031008	0.018685	2.7617	0.022273
512	0.023001	0.018473	0.03422	0.020654	6.1054	0.01186

CALLISTO eC207, 11.04.2026

Allan STD DEV



Produced by AlaVar 5.2

Figure 3 : Allan Standard Deviation