

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 24.05.2026 14:22:42

Column # 1 was processed

Data length N = 9000 points.

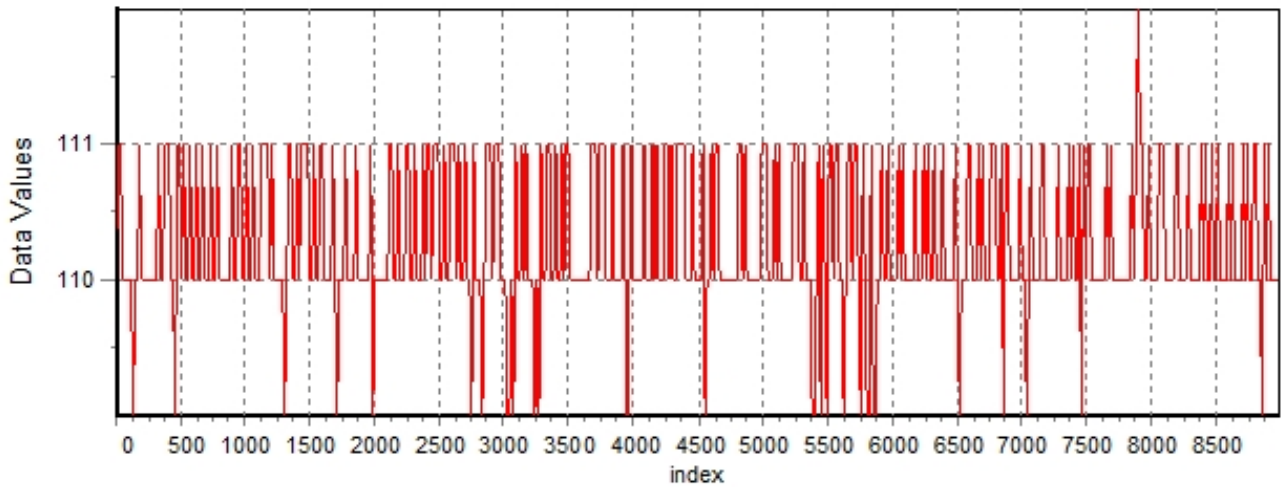
The mean Value of the processed data = 110.248

The Stanardr Deviation of the processed data = 2.65814

The number of removed outliers is 5

AlaVar 5.2

Data Values

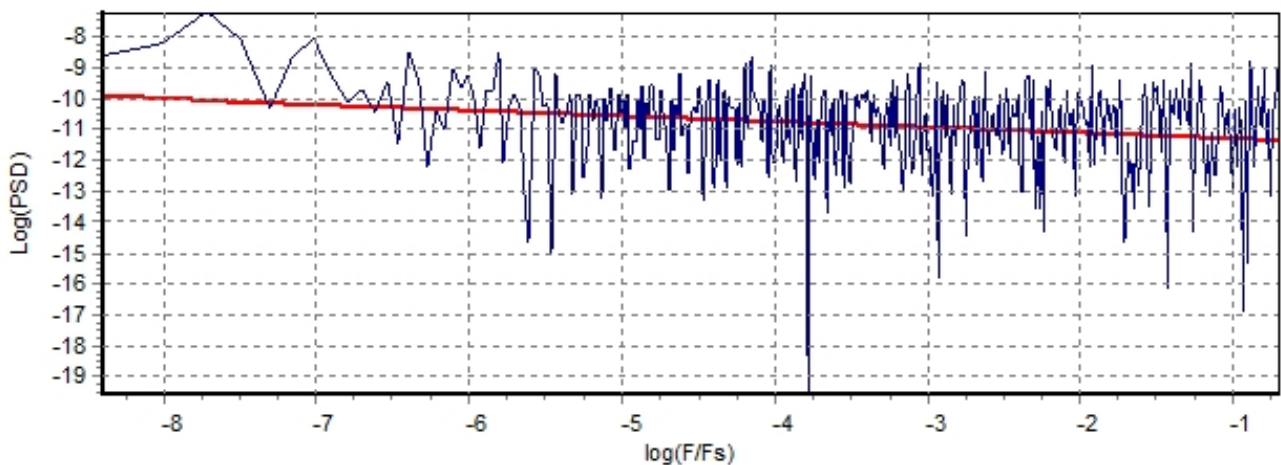


Produced by AlaVar 5.2

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 0.112000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0 seconds

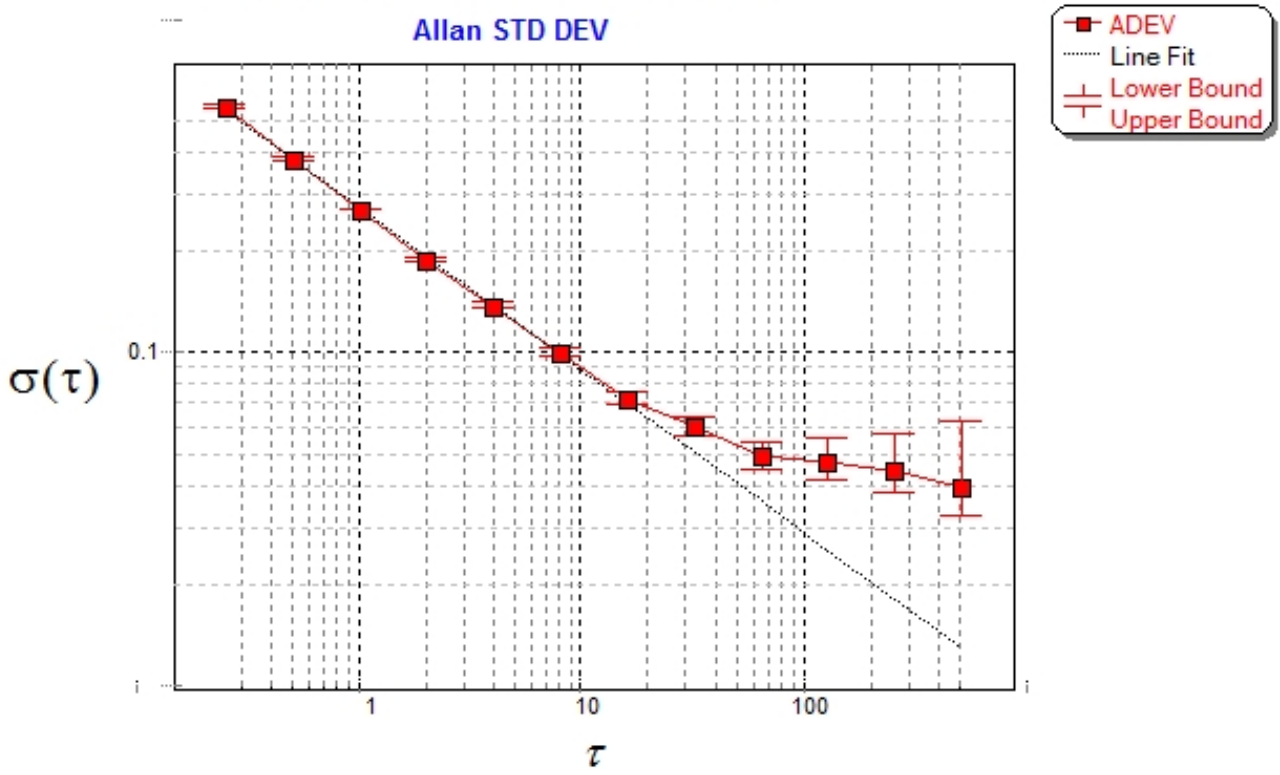
ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.488379
 The fit result is ADEV(tau=1) = Stability =0.275074

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	0.55631	0.5513	0.56147	0.55631	0.080297	0.55827
0.5	0.38668	0.38292	0.39055	0.3045	0.087902	0.38784
1	0.26938	0.26603	0.27285	0.19553	0.11289	0.26896
2	0.19139	0.18814	0.19481	0.13583	0.15684	0.19147
4	0.13835	0.13509	0.14186	0.10048	0.23204	0.13711
8	0.099925	0.096643	0.10357	0.070444	0.32537	0.099859
16	0.072679	0.069366	0.076516	0.053761	0.49662	0.070265
32	0.060211	0.056424	0.064878	0.045711	0.84452	0.058458
64	0.049129	0.044896	0.054839	0.0388	1.4337	0.045699
128	0.047406	0.041853	0.055975	0.03307	2.4439	0.036283
256	0.044443	0.037416	0.057875	0.035171	5.1983	0.042291
512	0.039617	0.031183	0.063495	0.025039	7.4017	0.037074

CALLISTO eC213, 2026-05-24

Allan STD DEV



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Figure 3 : Allan Standard Deviation