

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 20.12.2025 20:55:56

Column # 1 was processed

Data length N = 40793 points.

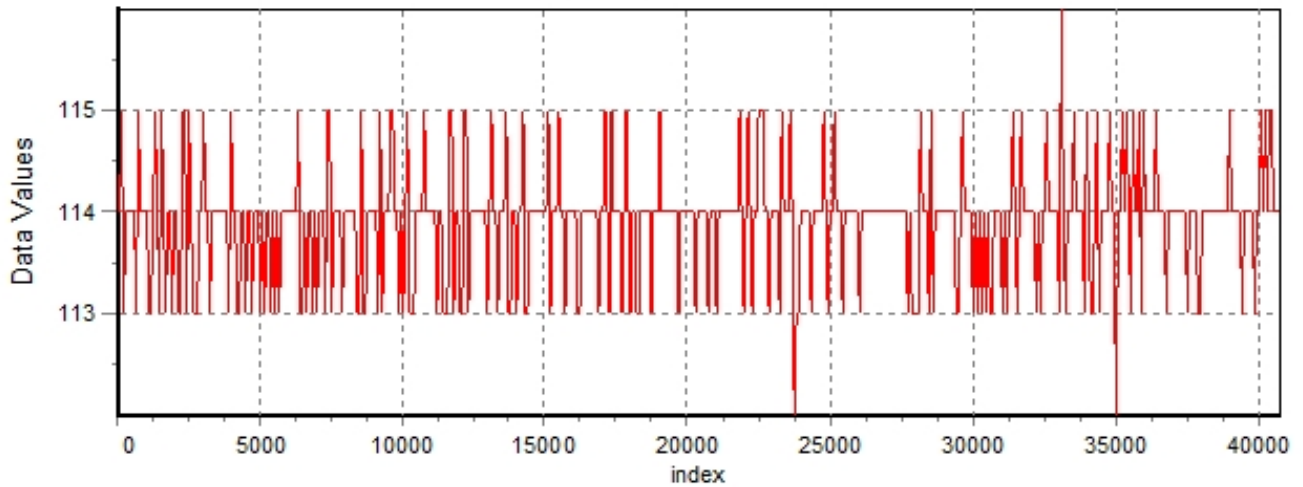
The mean Value of the processed data = 113.822

The Stanadrd Deviation of the processed data = 2.76216

The number of removed outliers is 23

AlaVar 5.2

Data Values

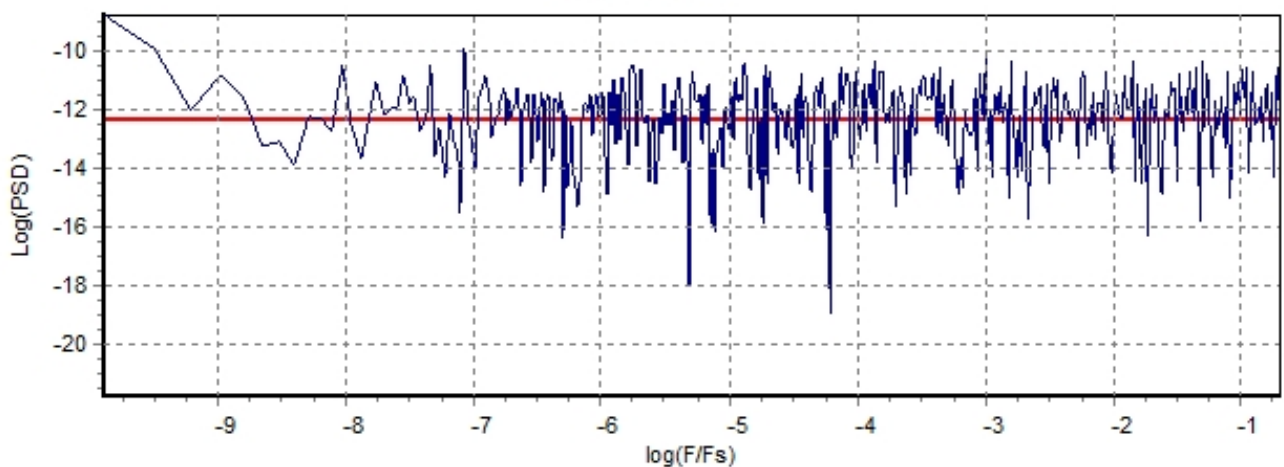


Produced by AlaVar 5.2

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 0.038000 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 =-0.506281

The fit result is ADEV(tau=1) = Stability =0.282536

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	0.56633	0.56392	0.56878	0.56633	0.081743	0.56597
0.5	0.40089	0.39904	0.40276	0.31648	0.091359	0.40131
1	0.28314	0.28147	0.28483	0.20679	0.11939	0.28306
2	0.19999	0.19837	0.20164	0.14237	0.16439	0.19994
4	0.1412	0.13961	0.14285	0.09986	0.23062	0.14109
8	0.099461	0.097887	0.10111	0.069965	0.32316	0.099585
16	0.069308	0.067773	0.070953	0.048225	0.44549	0.069711
32	0.047559	0.046089	0.04918	0.033016	0.60997	0.047932
64	0.032453	0.031058	0.034053	0.023471	0.86728	0.031323
128	0.026003	0.02446	0.027882	0.01858	1.3731	0.02608
256	0.018098	0.016624	0.020049	0.012616	1.8647	0.018512
512	0.011306	0.010052	0.013186	0.0074292	2.1961	0.010986
1024	0.0091056	0.0077411	0.011593	0.0077673	4.5921	0.0075139
2048	0.012633	0.010084	0.019199	0.012054	14.253	0.0042541

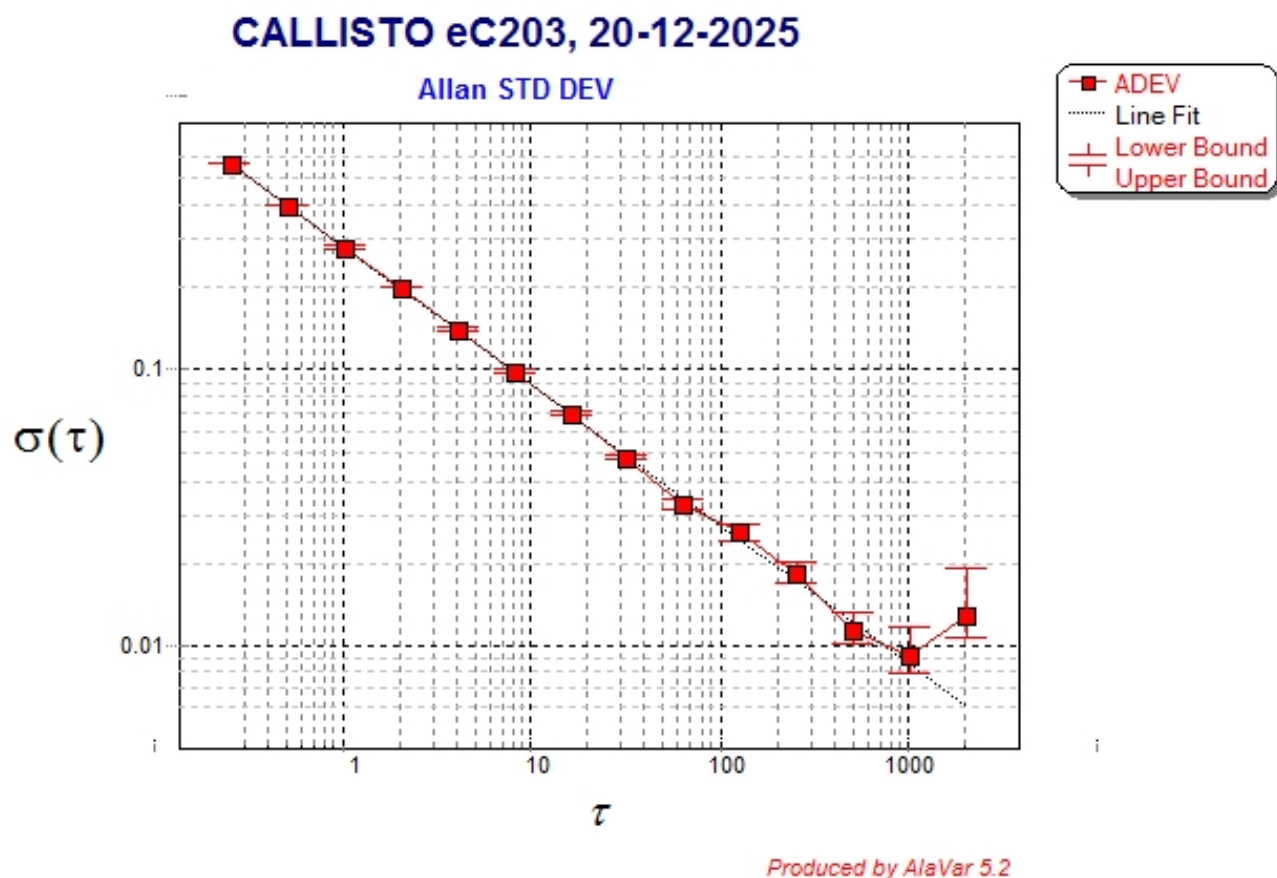


Figure 3 : Allan Standard Deviation