

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 29.07.2022 18:52:26

Column # 1 was processed

Data length N = 4418 points.

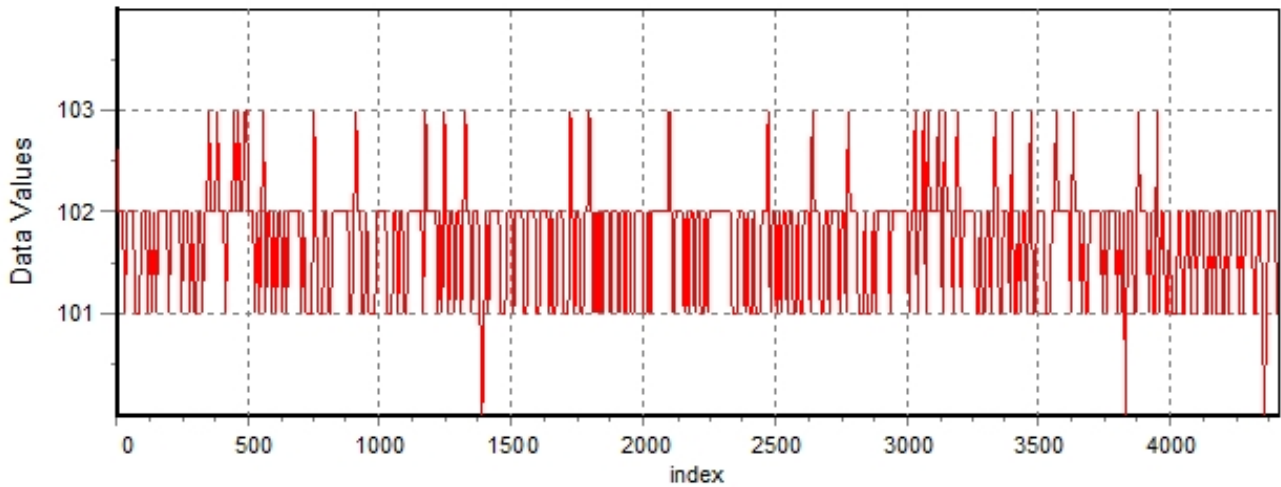
The mean Value of the processed data = 101.613

The Stanardr Deviation of the processed data = 2.71022

The number of removed outliers is 3

AlaVar 5.2

Data Values

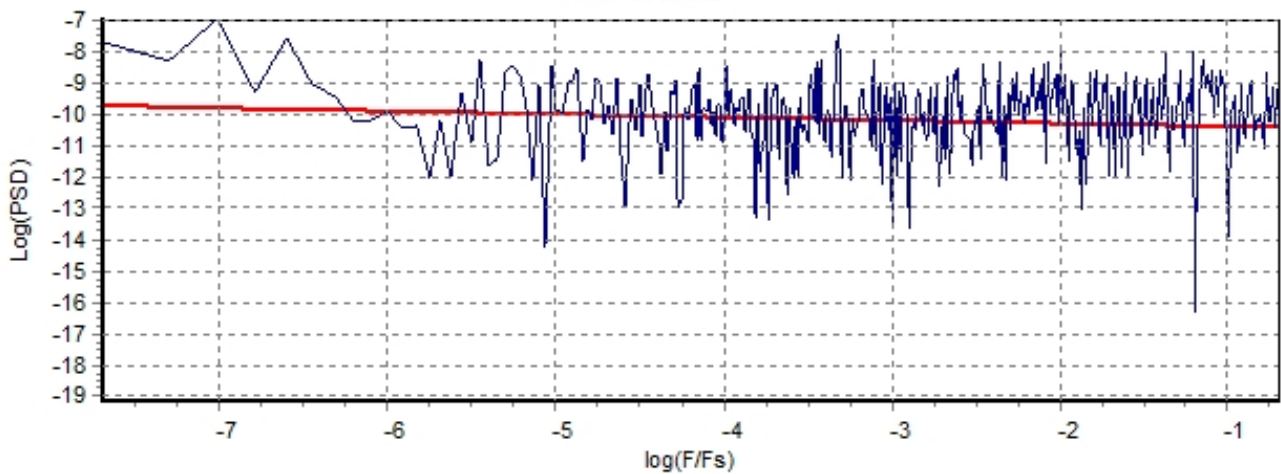


Produced by AlaVar 5.2

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 0.014000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.001 seconds

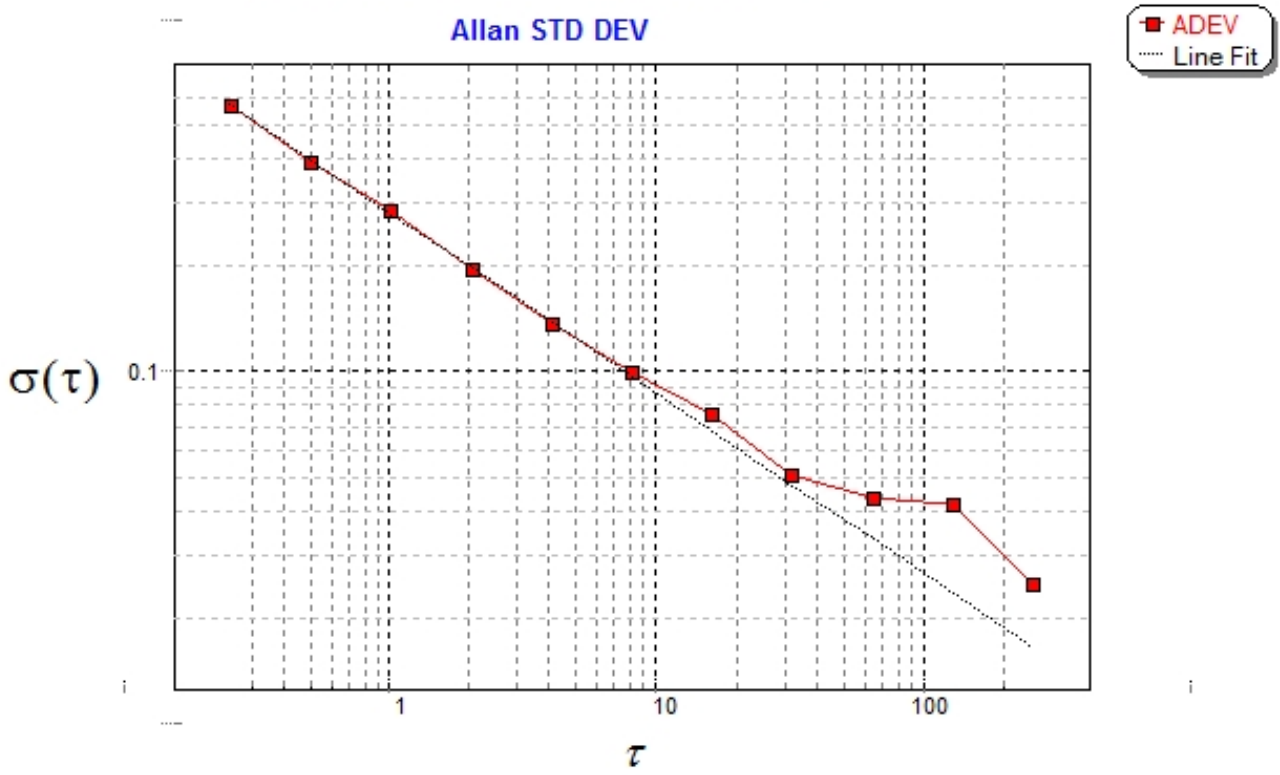
ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.512755
 The fit result is ADEV(tau=1) = Stability =0.281818

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	0.57335	0.56601	0.58097	0.57335	0.082756	0.57653
0.5	0.39704	0.39156	0.40275	0.3147	0.090846	0.39361
1	0.28821	0.28314	0.29356	0.20825	0.12023	0.29045
2	0.19663	0.19192	0.20171	0.14001	0.16168	0.19633
4	0.1378	0.13322	0.14288	0.095762	0.22115	0.13802
8	0.099175	0.094614	0.10447	0.071996	0.33254	0.097556
16	0.075685	0.070884	0.081614	0.054937	0.50749	0.076952
32	0.05083	0.046414	0.056804	0.035265	0.65153	0.048118
64	0.04349	0.038355	0.05145	0.036121	1.3347	0.036723
128	0.041612	0.034979	0.054382	0.028466	2.1037	0.037449
256	0.024847	0.019516	0.040175	0.020092	2.9697	0.010938

CALLISTO eC165, 2022-07-29

Allan STD DEV



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Figure 3 : Allan Standard Deviation