

AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 13.03.2022 15:22:42

Column # 1 was processed

Data length N = 5400 points.

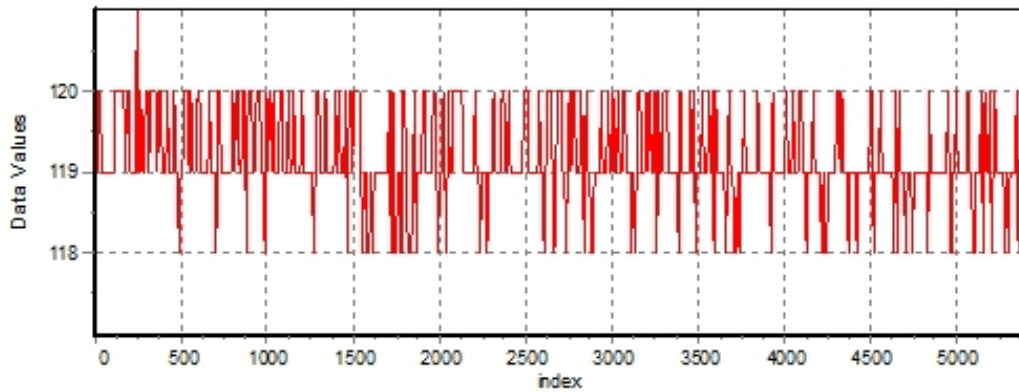
The mean Value of the processed data = 119.109

The Stanadrd Deviation of the processed data = 2.87256

The number of removed outliers is 3

AlaVar 5.2

Data Values

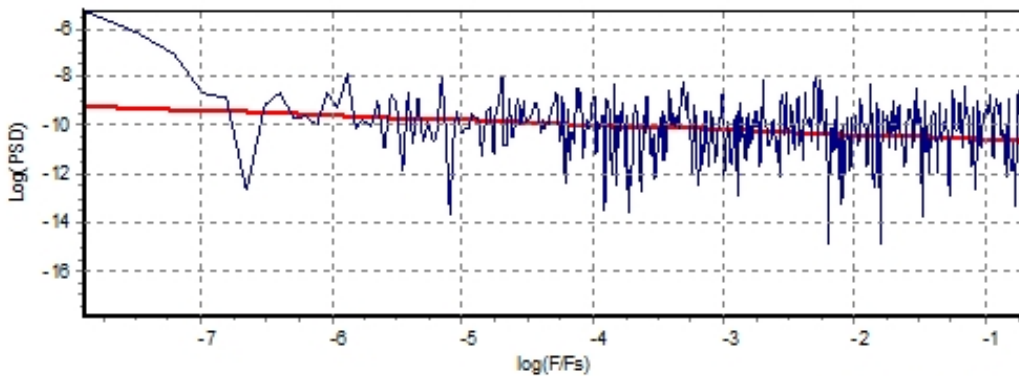


Produced by AlaVar 5.2

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 0.167000 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 =-0.48472
The fit result is ADEV(tau=1) = Stability =0.29463

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	0.59167	0.58481	0.59878	0.59167	0.0854	0.59162
0.5	0.41556	0.41037	0.42096	0.32671	0.094314	0.41651
1	0.2906	0.28597	0.29547	0.21137	0.12203	0.29069
2	0.20426	0.19982	0.20901	0.14462	0.16699	0.20427
4	0.14568	0.14129	0.15051	0.10464	0.24166	0.14281
8	0.10964	0.10506	0.11489	0.078713	0.36356	0.10949
16	0.078693	0.074142	0.084199	0.057259	0.52894	0.077055
32	0.061089	0.056241	0.067455	0.045366	0.83814	0.06109
64	0.045302	0.040404	0.052556	0.034472	1.2738	0.041976
128	0.048942	0.041787	0.061727	0.04497	3.3233	0.036172
256	0.069509	0.055826	0.10341	0.057275	8.4654	0.025418

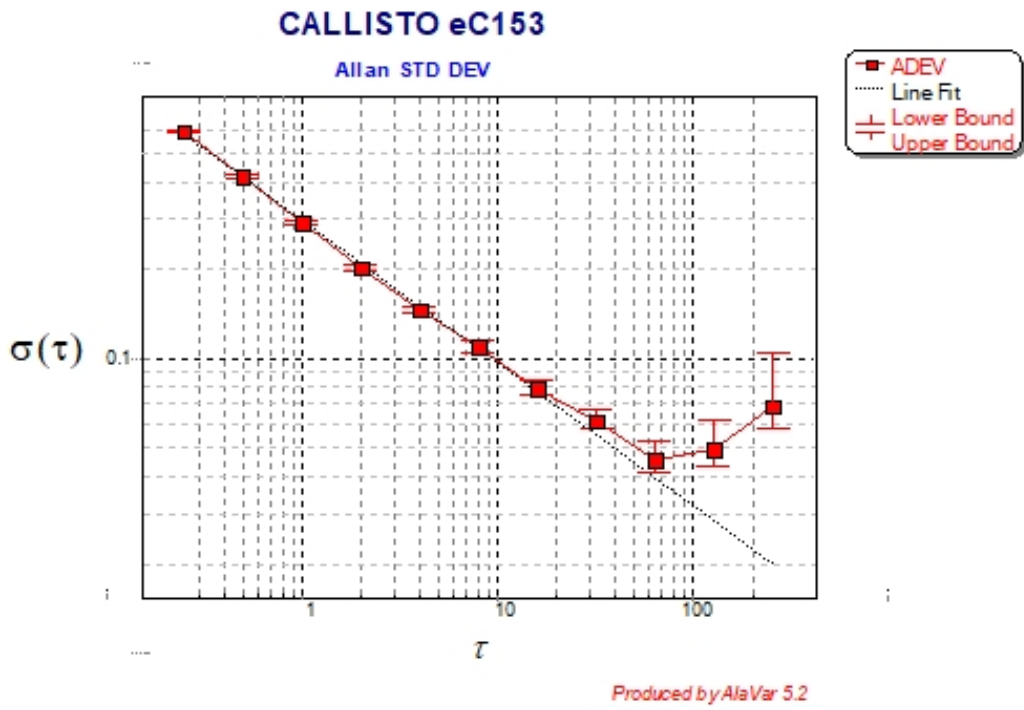


Figure 3 : Allan Standard Deviation