

# AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 13.03.2022 14:04:38

Column # 1 was processed

Data length N = 9000 points.

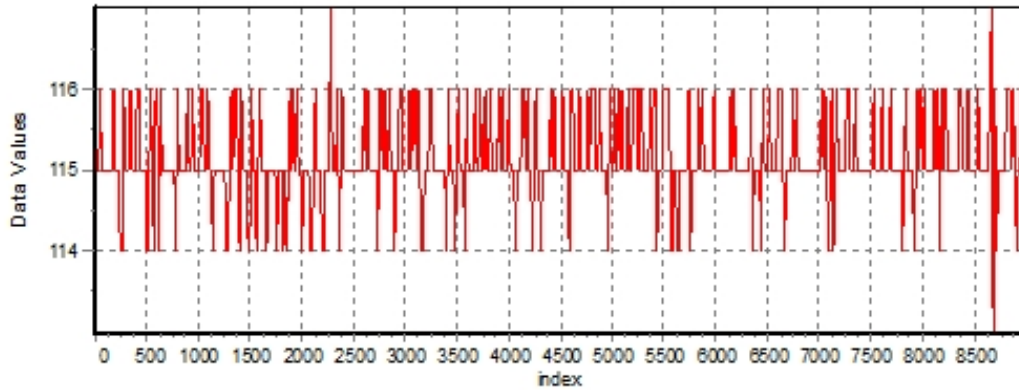
The mean Value of the processed data = 115.06

The Stanadr Deviation of the processed data = 2.77421

The number of removed outliers is 5

## AlaVar 5.2

Data Values

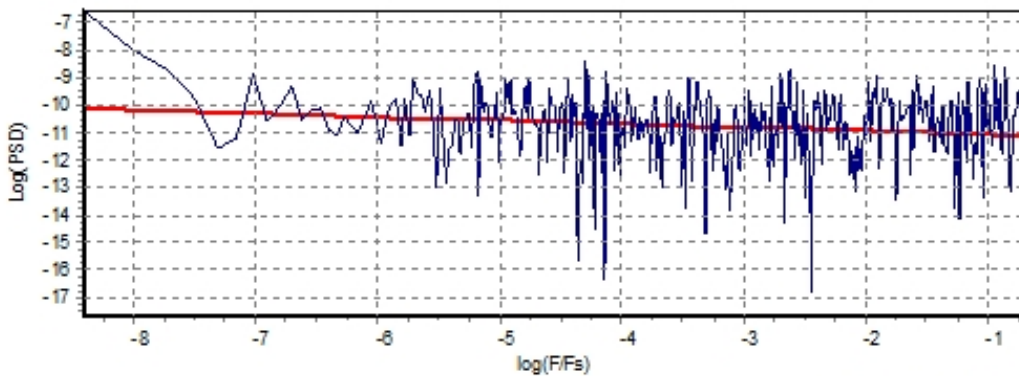


Produced by AlaVar 5.2

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 0.189000 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 =-0.491425  
 The fit result is ADEV(tau=1) = Stability =0.28884

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	0.58119	0.57595	0.58657	0.58119	0.083887	0.58366
0.5	0.40288	0.39896	0.40691	0.31742	0.091632	0.40341
1	0.28274	0.27923	0.28638	0.20562	0.11871	0.2807
2	0.20646	0.20296	0.21015	0.14803	0.17094	0.2069
4	0.14356	0.14017	0.1472	0.1022	0.23601	0.14178
8	0.10709	0.10357	0.11099	0.076471	0.35321	0.10718
16	0.074189	0.070808	0.078106	0.052303	0.48315	0.074419
32	0.052148	0.048869	0.056191	0.036844	0.68069	0.051245
64	0.037874	0.034611	0.042276	0.028158	1.0404	0.034839
128	0.036249	0.032003	0.042801	0.030619	2.2628	0.030962
256	0.04624	0.038928	0.060214	0.042805	6.3267	0.034293
512	0.068261	0.05373	0.1094	0.053152	15.712	0.065626

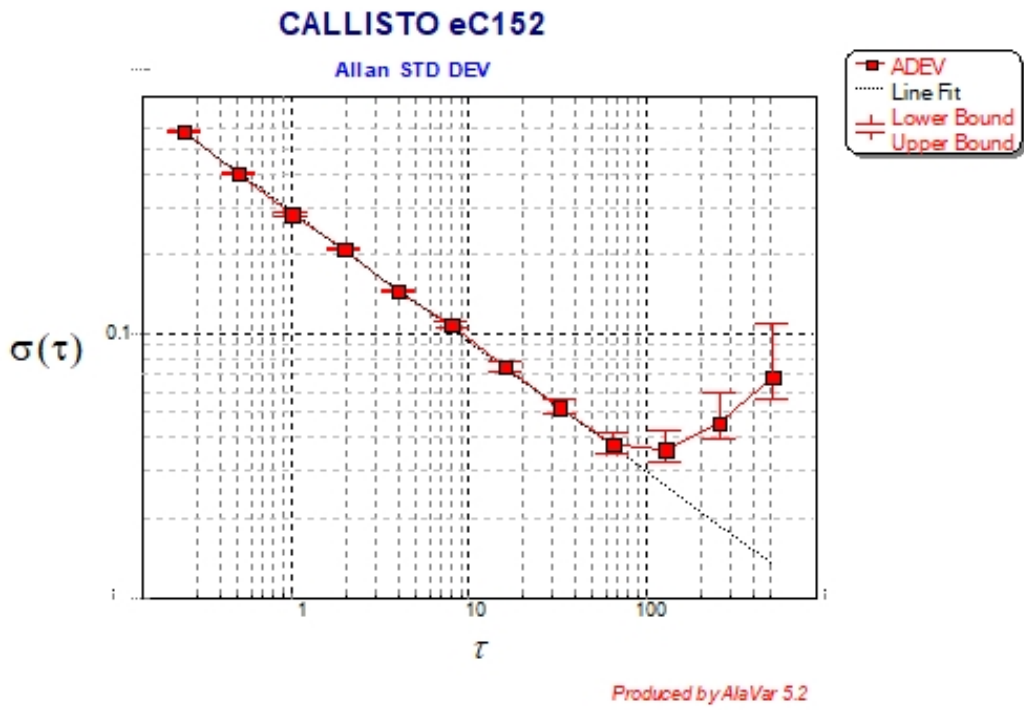


Figure 3 : Allan Standard Deviation