

# AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightCurve110.prn

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve110.prn' created on 04.10.2024 18:55:30

Column # 1 was processed

Data length N = 16597 points.

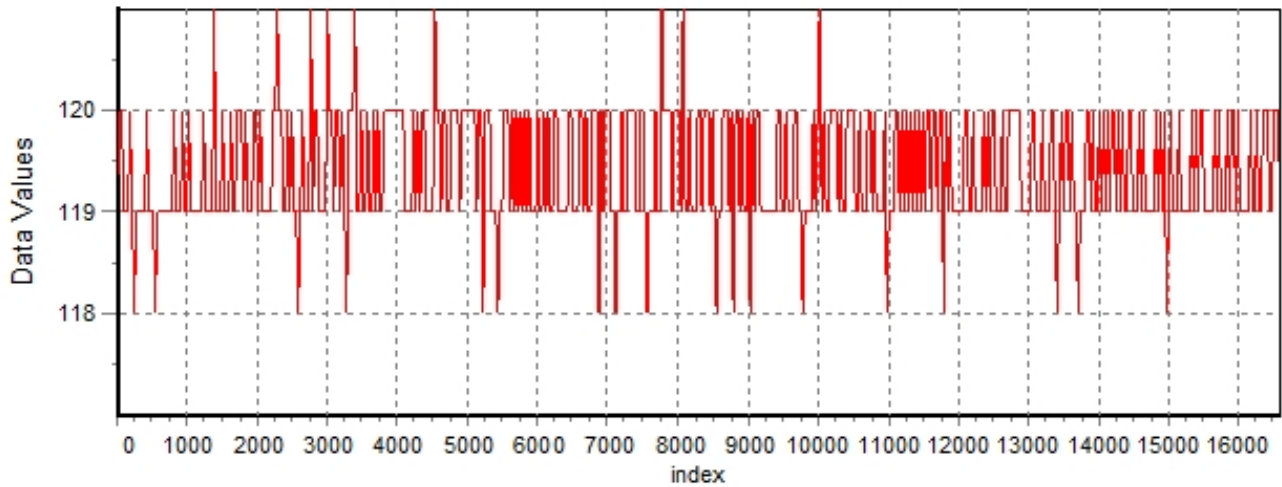
The mean Value of the processed data = 119.35

The Stanadrnd Deviation of the processed data = 2.987

The number of removed outliers is 10

## AlaVar 5.2

### Data Values

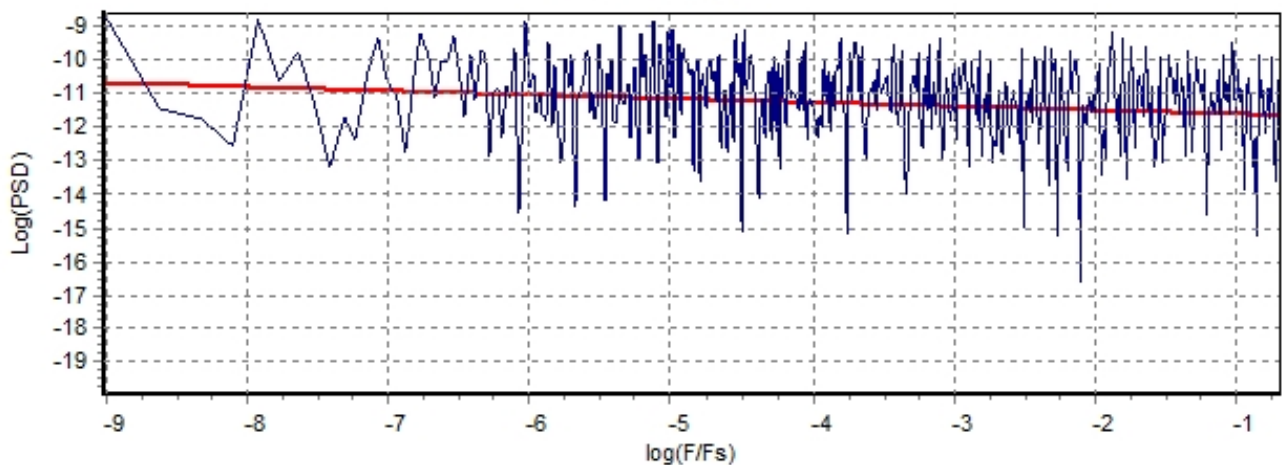


Produced by AlaVar 5.2

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 0.206000 seconds  
 The error bars were computed for a : White FM  
 The computation of the Error bars lasted 0 seconds

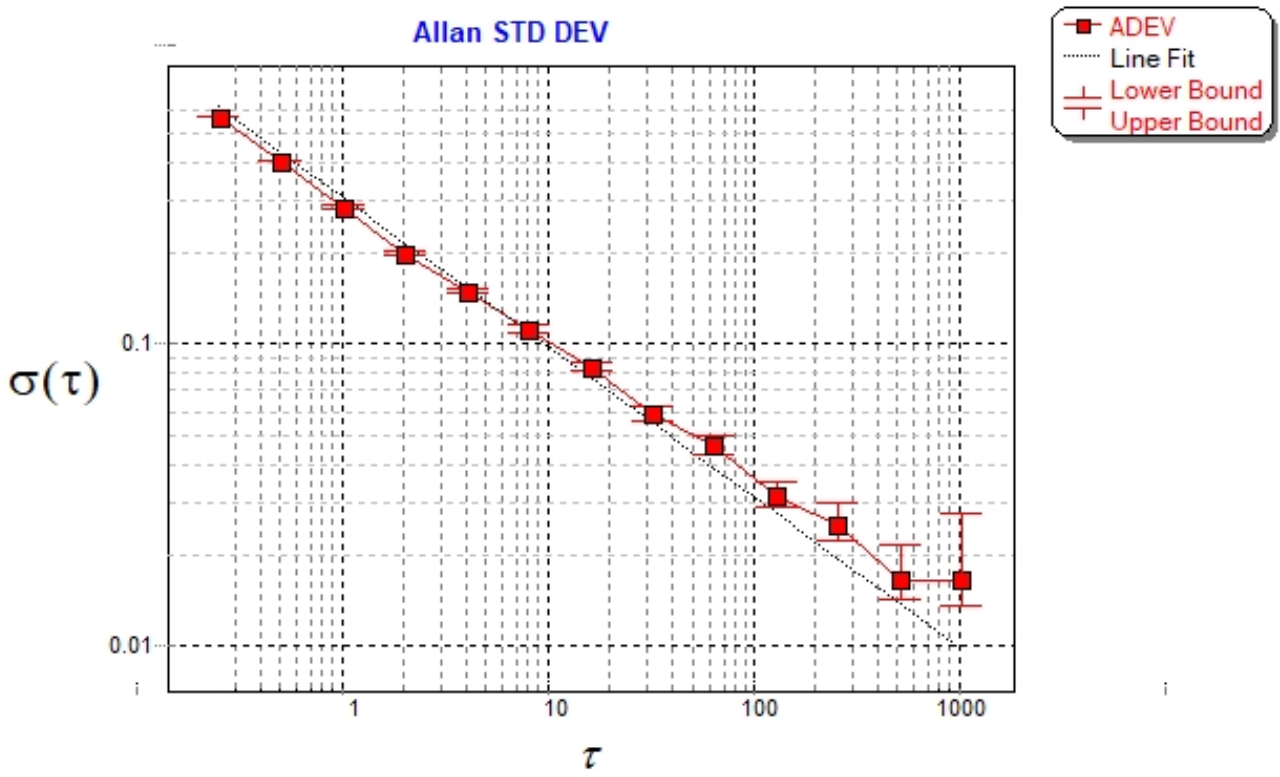
ADEV(tau) was fitted to a line :  
 The Solpe of the line is =-0.5  
 The fit result is ADEV(tau=1) = Stability =0.311366

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	0.57297	0.56915	0.57686	0.57297	0.0827	0.57221
0.5	0.4063	0.40337	0.40928	0.32093	0.092645	0.40621
1	0.28763	0.28498	0.29035	0.20981	0.12113	0.2878
2	0.20311	0.20056	0.20576	0.14537	0.16785	0.20143
4	0.15024	0.14761	0.15302	0.10924	0.25227	0.14832
8	0.11325	0.11048	0.11625	0.083189	0.38423	0.11184
16	0.084029	0.081162	0.087224	0.060483	0.55872	0.084366
32	0.059207	0.056404	0.062474	0.043122	0.79669	0.05788
64	0.046666	0.04362	0.050455	0.033835	1.2502	0.046604
128	0.031336	0.028536	0.035162	0.021802	1.6112	0.03053
256	0.025245	0.022182	0.030068	0.017661	2.6103	0.024128
512	0.01658	0.013865	0.021945	0.011447	3.3839	0.01513
1024	0.016559	0.012909	0.027649	0.0101	5.9715	0.01588

### Callisto eC183 04.10.2024

Allan STD DEV



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Figure 3 : Allan Standard Deviation