

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 12.09.2022 19:20:22

Column # 1 was processed

Data length N = 25200 points.

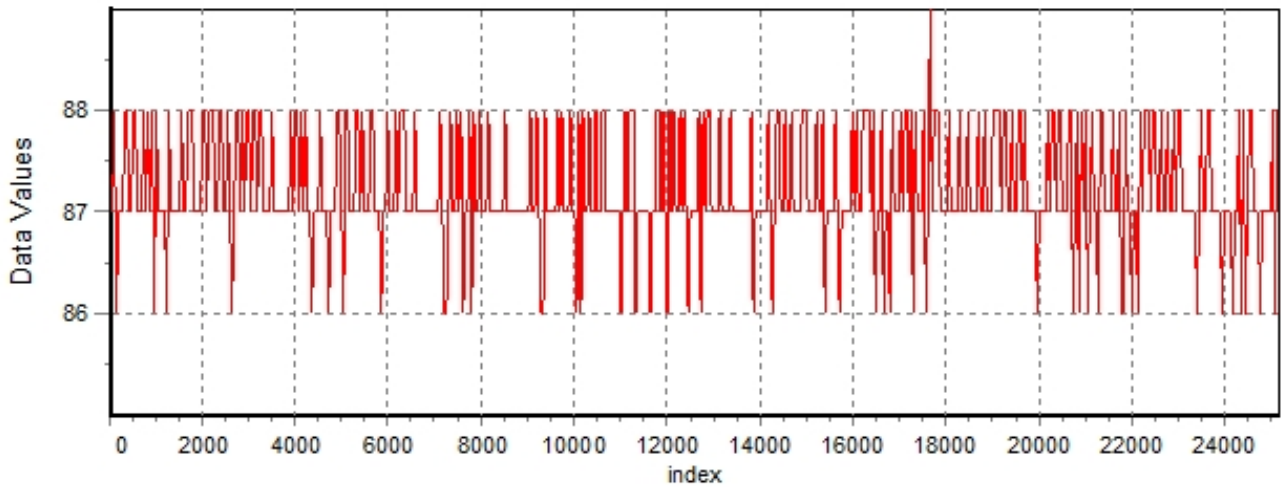
The mean Value of the processed data = 87.132

The Stanardr Deviation of the processed data = 1.91213

The number of removed outliers is 13

AlaVar 5.2

Data Values

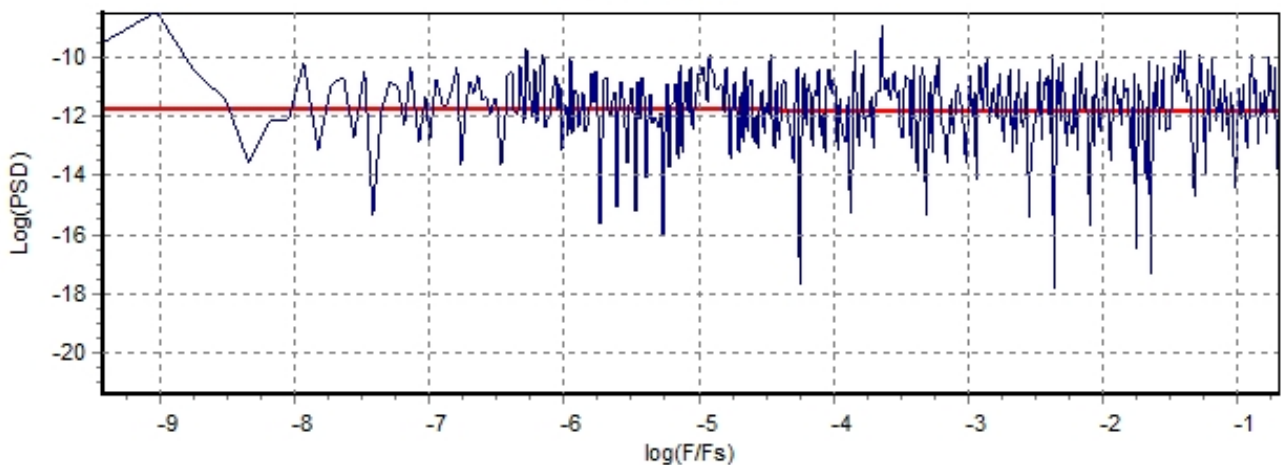


Produced by AlaVar 5.2

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 0.018000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.001 seconds

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	0.60114	0.59789	0.60445	0.60114	0.086767	0.60148
0.5	0.42334	0.42086	0.42586	0.33406	0.096435	0.42358
1	0.29886	0.29662	0.30114	0.21774	0.12571	0.29909
2	0.21049	0.20834	0.21271	0.14967	0.17282	0.2108
4	0.14838	0.14626	0.1506	0.10519	0.24294	0.14835
8	0.10497	0.10287	0.1072	0.074183	0.34264	0.1048
16	0.074588	0.072504	0.076863	0.052181	0.48203	0.075345
32	0.051256	0.049262	0.053512	0.037302	0.68917	0.050332
64	0.038878	0.036785	0.041374	0.026867	0.99276	0.039375
128	0.025523	0.023634	0.027952	0.018377	1.3581	0.025511
256	0.018983	0.017066	0.021736	0.013981	2.0664	0.018617
512	0.016173	0.013961	0.019933	0.014082	4.1628	0.012682
1024	0.020604	0.016808	0.029179	0.014191	8.3899	0.019175
2048	0.0095033	0.0071466	0.019358	0.0063549	7.5142	0.0019453

CALLISTO eC018x, 12.09.2022

Allan STD DEV

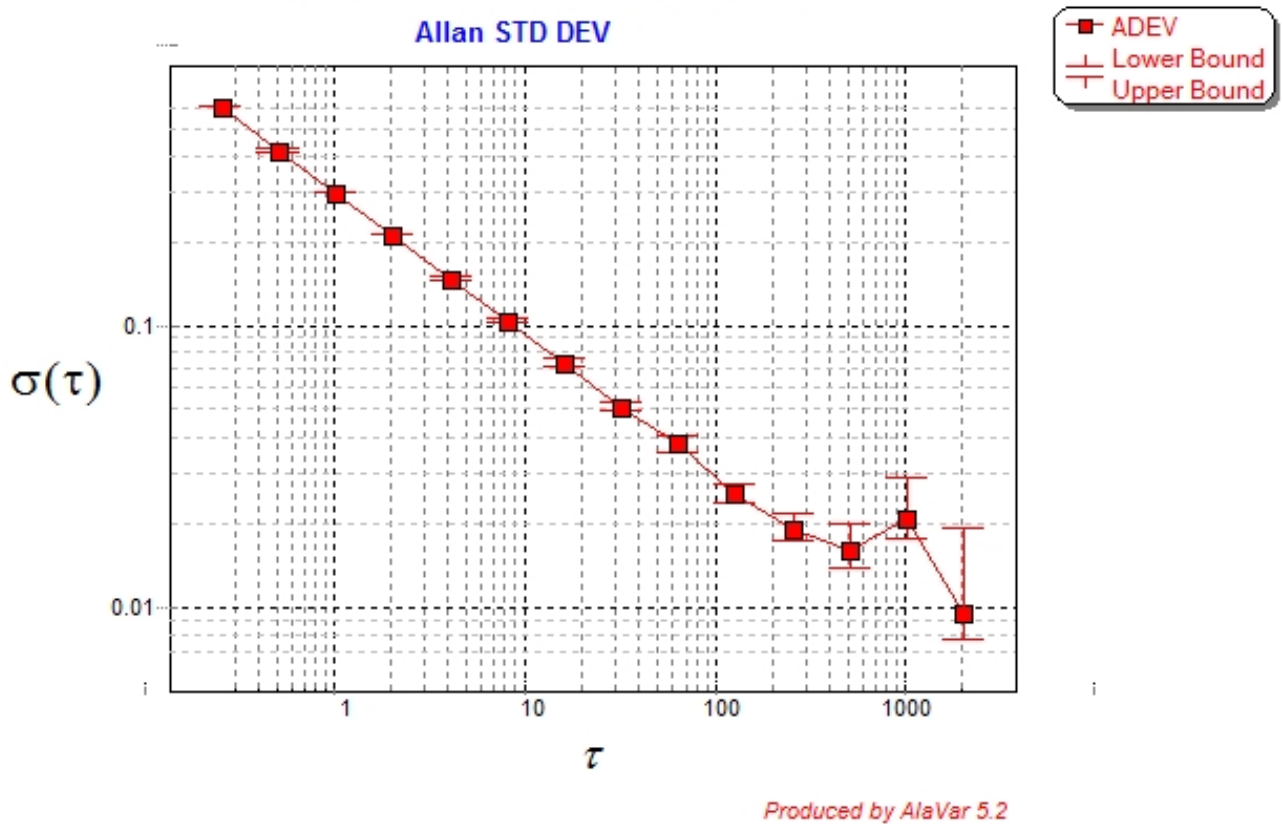


Figure 3 : Allan Standard Deviation