

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 13.07.2022 16:47:48

Column # 1 was processed

Data length N = 9000 points.

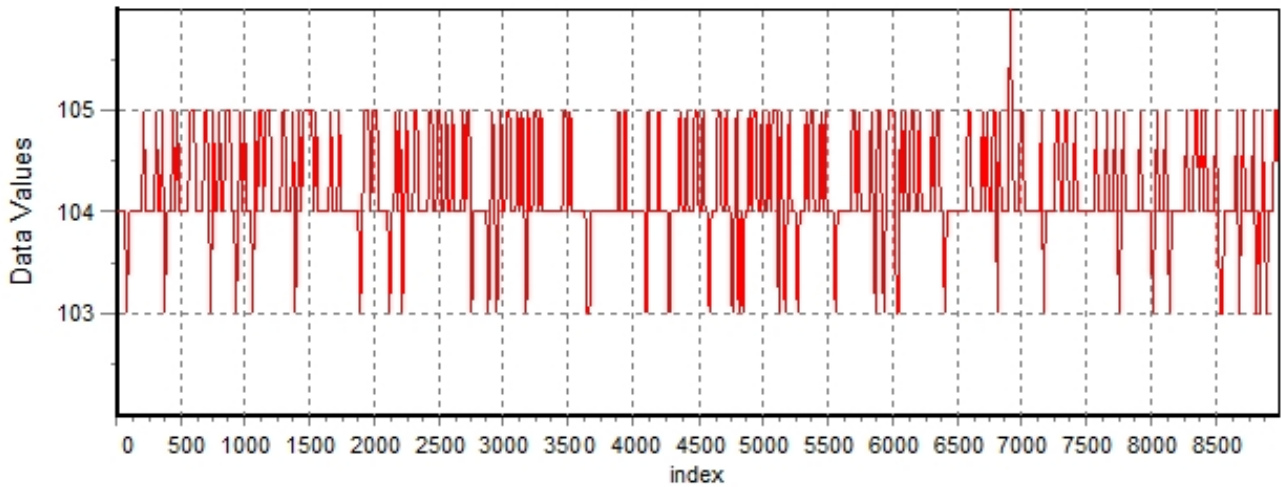
The mean Value of the processed data = 104.154

The Stanardr Deviation of the processed data = 2.52228

The number of removed outliers is 5

AlaVar 5.2

Data Values

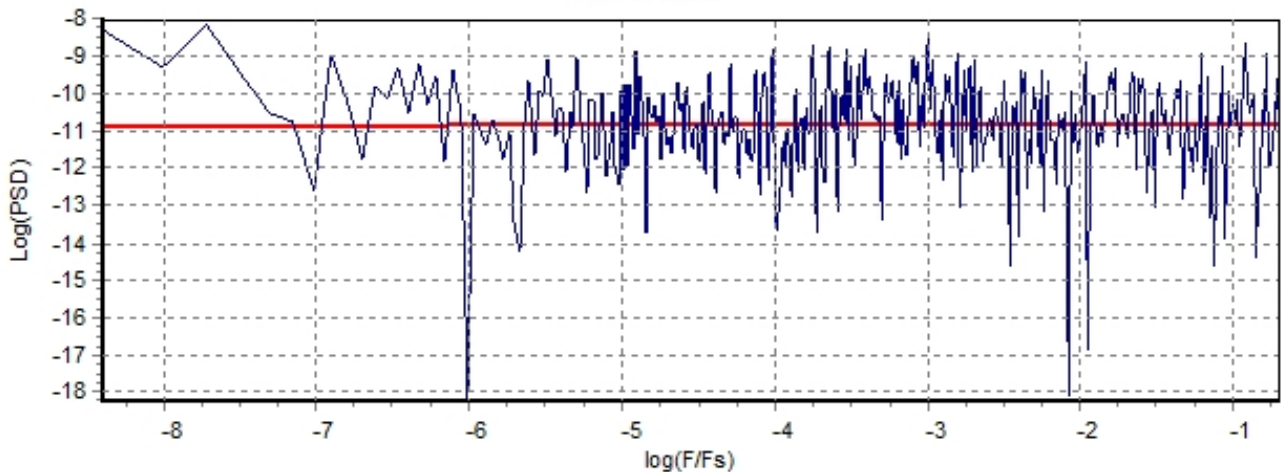


Produced by AlaVar 5.2

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 0.060000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.001 seconds

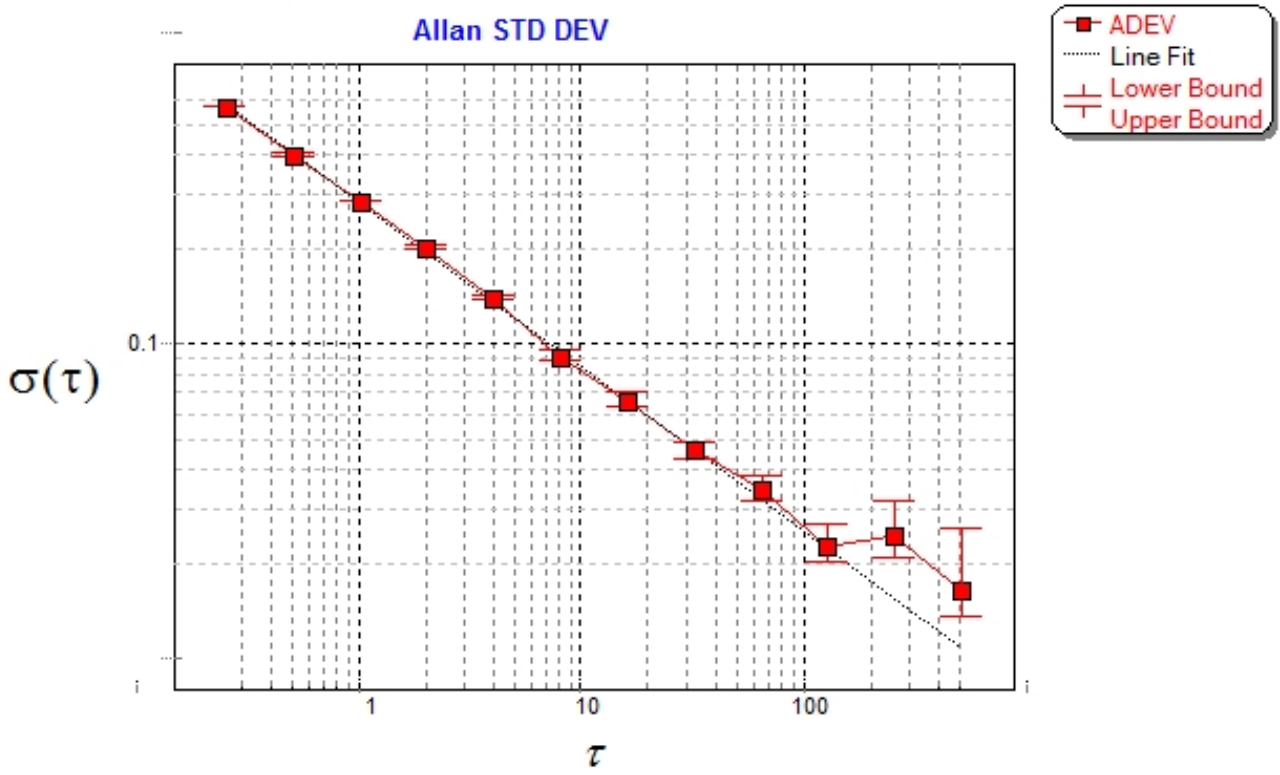
ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.523725
 The fit result is ADEV(tau=1) = Stability =0.284498

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	0.57735	0.57215	0.5827	0.57735	0.083333	0.57815
0.5	0.4066	0.40265	0.41068	0.32141	0.092783	0.40708
1	0.28647	0.28291	0.29016	0.20861	0.12044	0.28635
2	0.20436	0.20089	0.20801	0.14675	0.16945	0.20445
4	0.14112	0.13779	0.1447	0.096435	0.22271	0.14403
8	0.092159	0.089133	0.095517	0.064263	0.29682	0.091786
16	0.066725	0.063684	0.070248	0.04649	0.42946	0.066355
32	0.046158	0.043255	0.049736	0.03251	0.60062	0.045517
64	0.0347	0.03171	0.038733	0.024157	0.89261	0.035526
128	0.022761	0.020095	0.026875	0.017785	1.3144	0.02068
256	0.024646	0.020749	0.032094	0.017371	2.5674	0.022129
512	0.01647	0.012964	0.026397	0.014064	4.1572	0.0096338

CALLISTO eC161, 2022-07-13

Allan STD DEV



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Figure 3 : Allan Standard Deviation