

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 13.03.2022 17:40:22

Column # 1 was processed

Data length N = 10798 points.

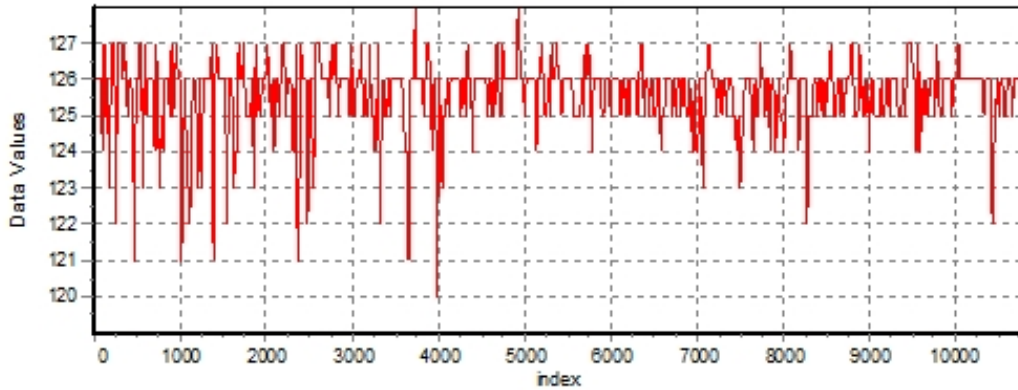
The mean Value of the processed data = 125.537

The Stanadr Deviation of the processed data = 2.61855

The number of removed outliers is 4

AlaVar 5.2

Data Values

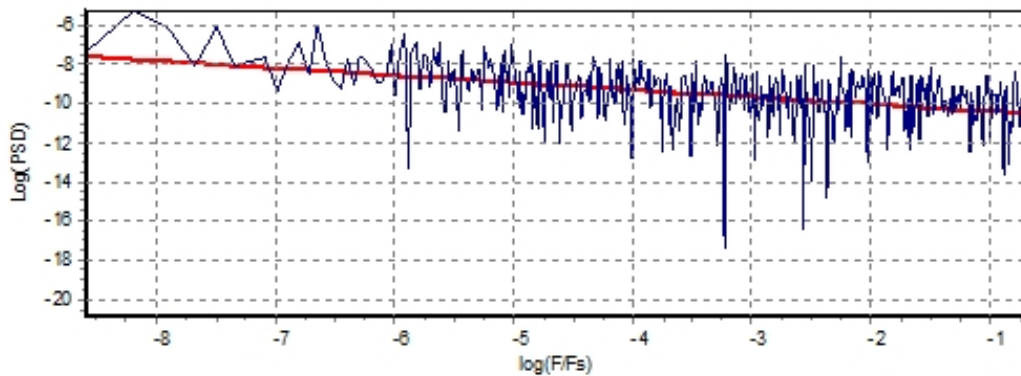


Produced by AlaVar 5.2

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 0.192000 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 Slope of the line is =-0.417249
 The fit result is ADEV(tau=1) = Stability =0.514262

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	0.93274	0.92506	0.94062	0.93274	0.13463	0.92497
0.5	0.68619	0.68009	0.69246	0.54821	0.15826	0.68033
1	0.50568	0.49994	0.51162	0.37547	0.21678	0.5012
2	0.37305	0.36726	0.37912	0.27671	0.31951	0.36293
4	0.29791	0.29147	0.30478	0.22486	0.51929	0.28574
8	0.2447	0.23733	0.2528	0.18501	0.85454	0.23615
16	0.20415	0.19561	0.21391	0.1583	1.4623	0.19196
32	0.17645	0.16625	0.1888	0.13788	2.5474	0.16879
64	0.14273	0.1314	0.15761	0.11231	4.15	0.13319
128	0.12972	0.11569	0.15049	0.1037	7.6634	0.11909
256	0.1294	0.11048	0.1632	0.11082	16.379	0.11618
512	0.12337	0.099083	0.18354	0.093819	27.733	0.12286

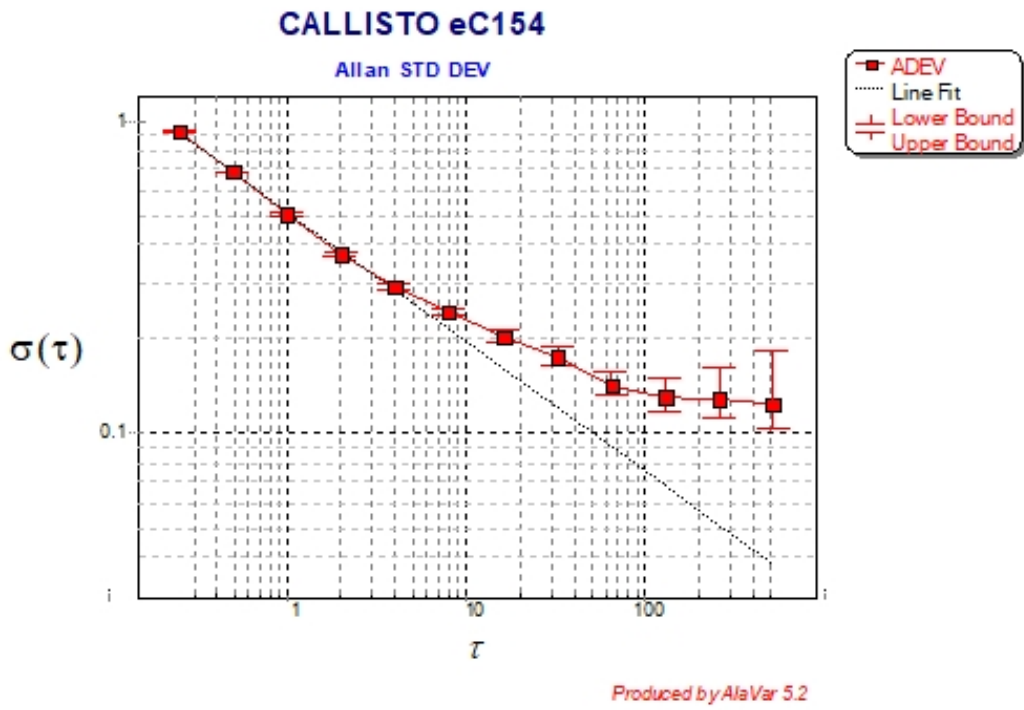


Figure 3 : Allan Standard Deviation