

AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightCurve070.prn

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve070.prn' created on 24.09.2021 18:44:18

Column # 1 was processed

Data length N = 21600 points.

The mean Value of the processed data = 123.377

The Stanardr Deviation of the processed data = 1.96327

The number of removed outliers is 5

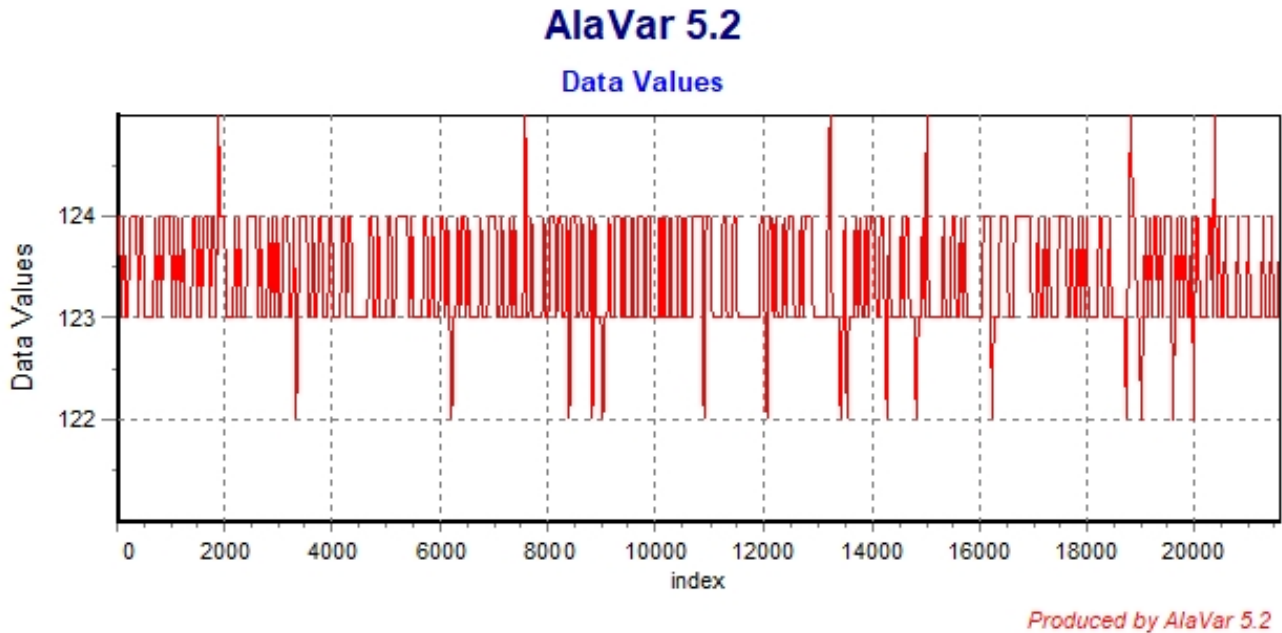


Figure 1 : Processed Data

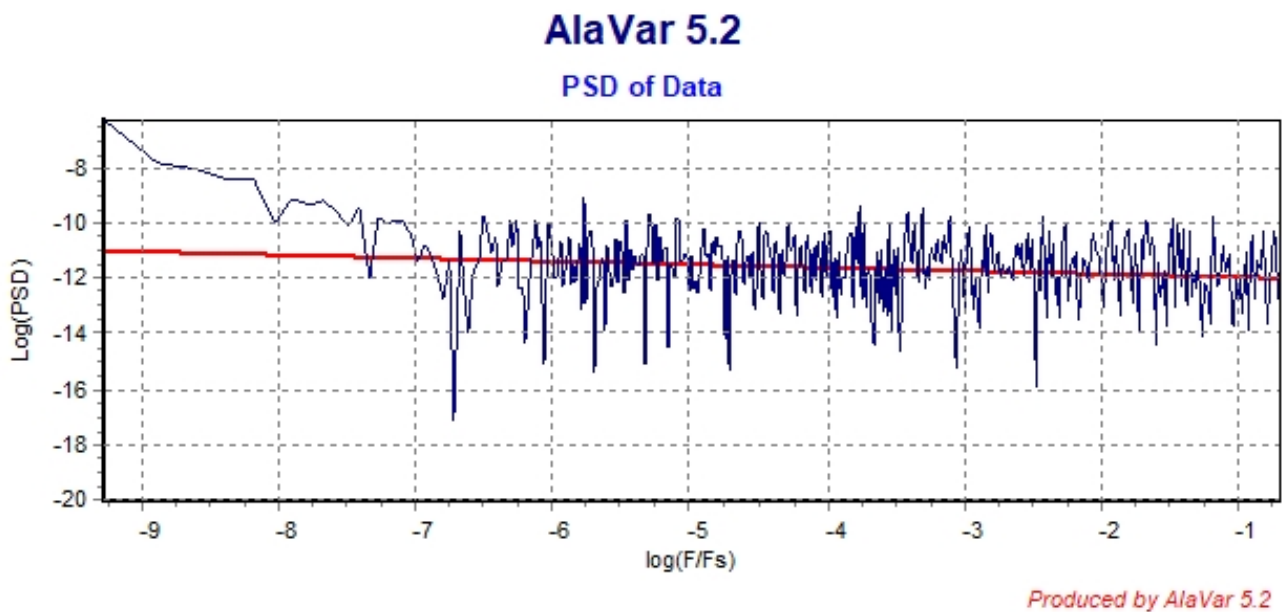


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVS lasted 0.208000 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 =-0.49728
 The fit result is ADEV(tau=1) = Stability =0.284409

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	0.56357	0.56028	0.56692	0.56357	0.081344	0.56182
0.5	0.40487	0.40232	0.40747	0.32141	0.092782	0.40475
1	0.28528	0.28297	0.28763	0.20727	0.11967	0.28563
2	0.20079	0.19857	0.20308	0.14302	0.16515	0.20045
4	0.14294	0.14073	0.14525	0.10141	0.2342	0.14312
8	0.10059	0.098422	0.10291	0.070935	0.32763	0.10071
16	0.071131	0.068991	0.073483	0.050656	0.46794	0.070773
32	0.051188	0.049047	0.053635	0.03661	0.67638	0.050732
64	0.037248	0.035094	0.039853	0.026908	0.99426	0.036067
128	0.03117	0.028696	0.034417	0.024455	1.8072	0.029357
256	0.027397	0.024435	0.031783	0.019848	2.9336	0.021837
512	0.029944	0.025567	0.037765	0.023749	7.0204	0.016285
1024	0.03929	0.031557	0.058449	0.031781	18.789	0.021043

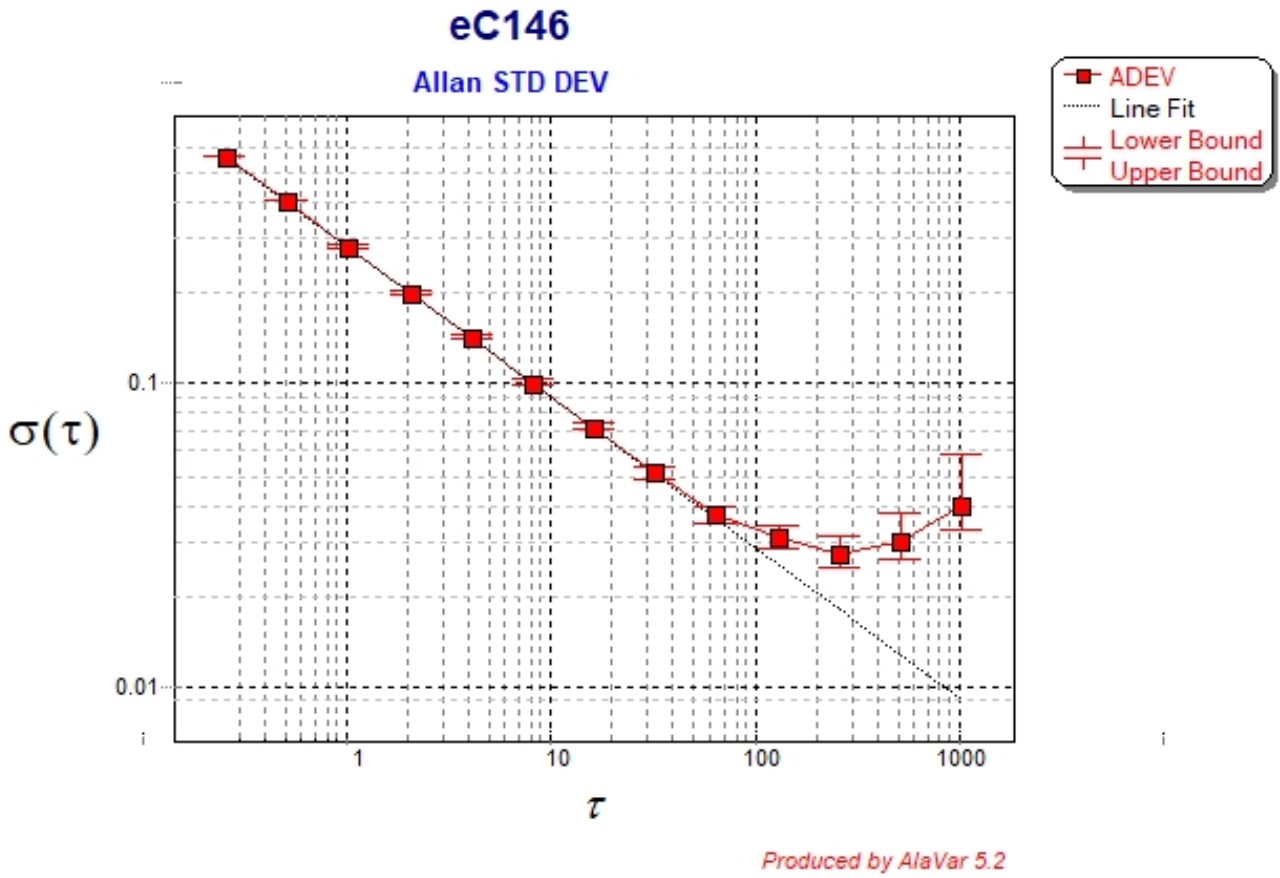


Figure 3 : Allan Standard Deviation