

AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightCurve099.prn

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve099.prn' created on 23.09.2021 14:33:08

Column # 1 was processed

Data length N = 21600 points.

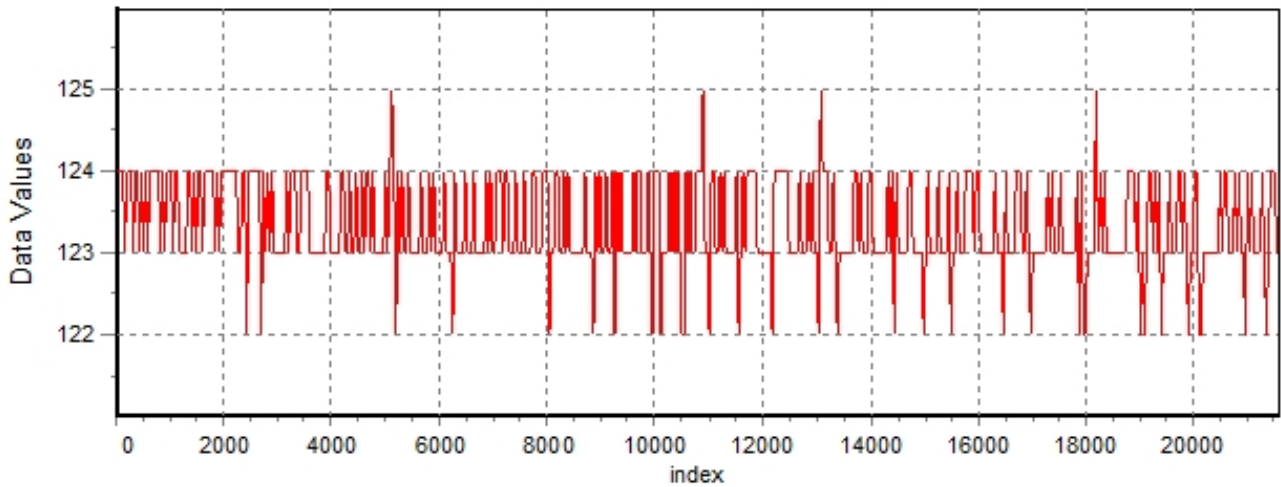
The mean Value of the processed data = 123.337

The Stanadr Deviation of the processed data = 2.13584

The number of removed outliers is 6

AlaVar 5.2

Data Values

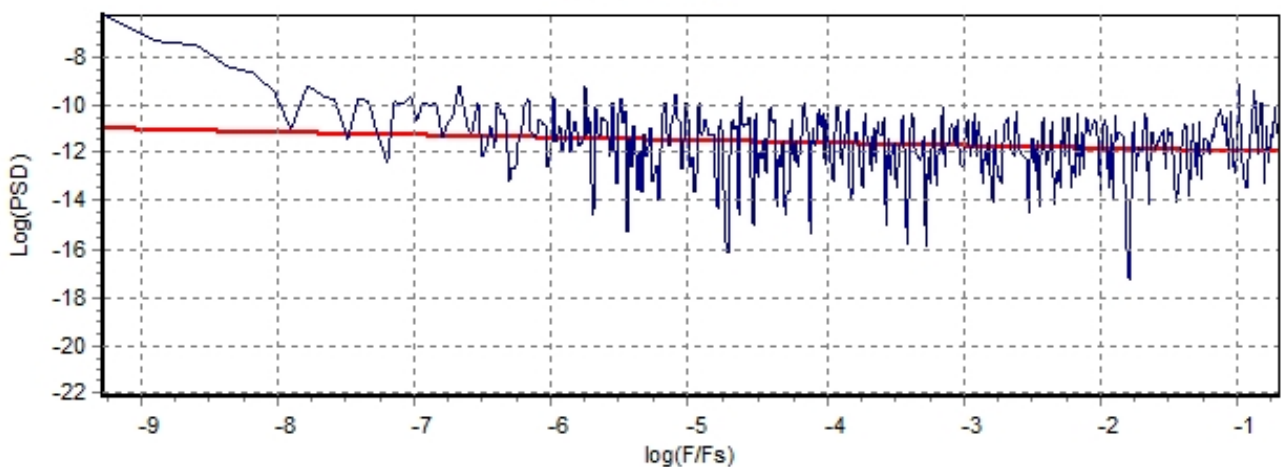


Produced by AlaVar 5.2

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 0.199000 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 Slope of the line is =-0.473921
 The fit result is ADEV(tau=1) = Stability =0.284918

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	0.56951	0.56618	0.5729	0.56951	0.082202	0.56912
0.5	0.40456	0.40201	0.40716	0.32036	0.092481	0.40437
1	0.2865	0.28419	0.28887	0.20849	0.12037	0.28734
2	0.20091	0.19869	0.20321	0.14367	0.1659	0.20035
4	0.14295	0.14075	0.14526	0.10048	0.23205	0.14388
8	0.098823	0.096693	0.1011	0.070195	0.32422	0.097594
16	0.074846	0.072595	0.077321	0.054761	0.50586	0.073735
32	0.056709	0.054337	0.059421	0.041692	0.77026	0.056211
64	0.042077	0.039644	0.04502	0.030612	1.1311	0.041572
128	0.030094	0.027706	0.033229	0.021152	1.5631	0.029053
256	0.025073	0.022362	0.029087	0.01972	2.9146	0.019358
512	0.031321	0.026743	0.039501	0.025738	7.6082	0.015986
1024	0.041573	0.03339	0.061846	0.031389	18.558	0.019208

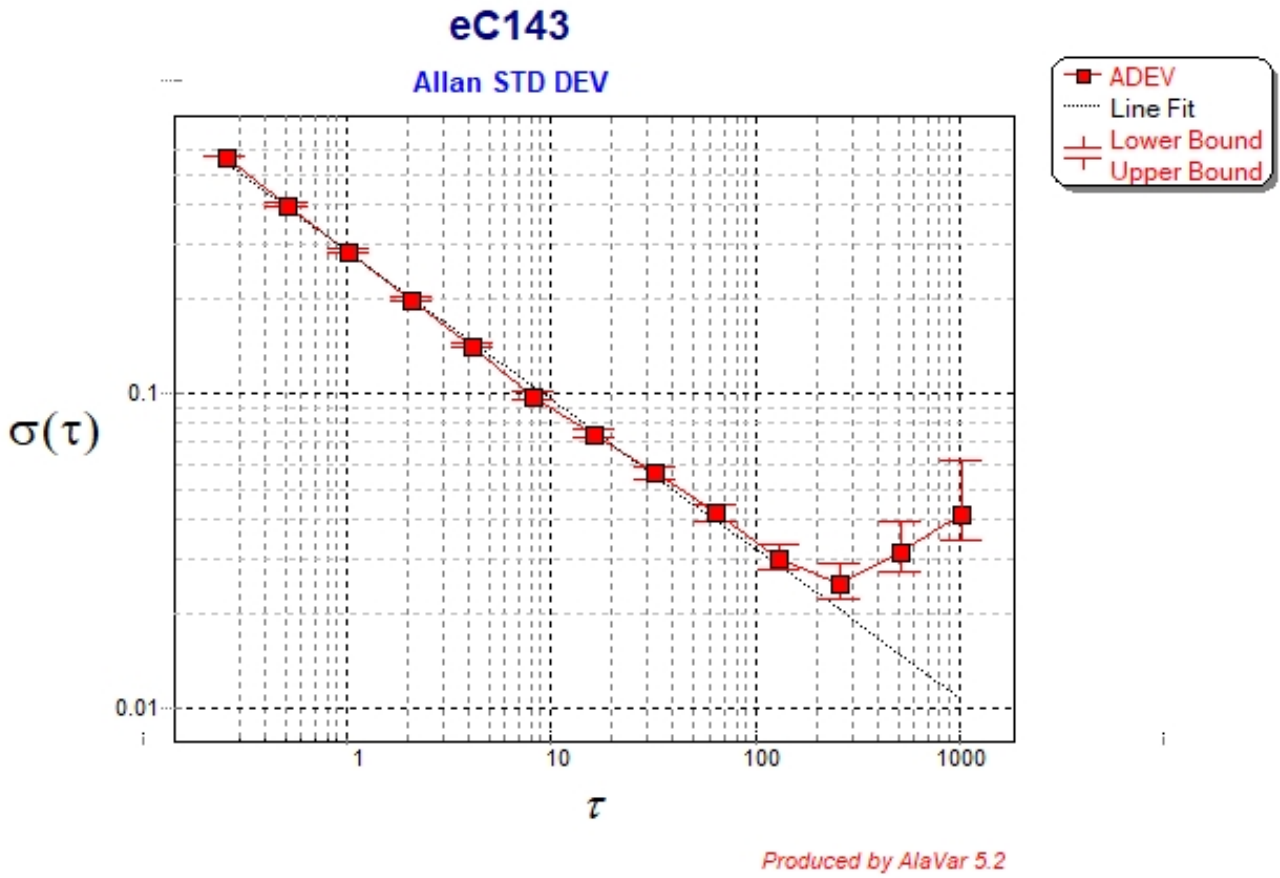


Figure 3 : Allan Standard Deviation