

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 14.03.2019 17:16:48

Column # 1 was processed

Data length N = 18634 points.

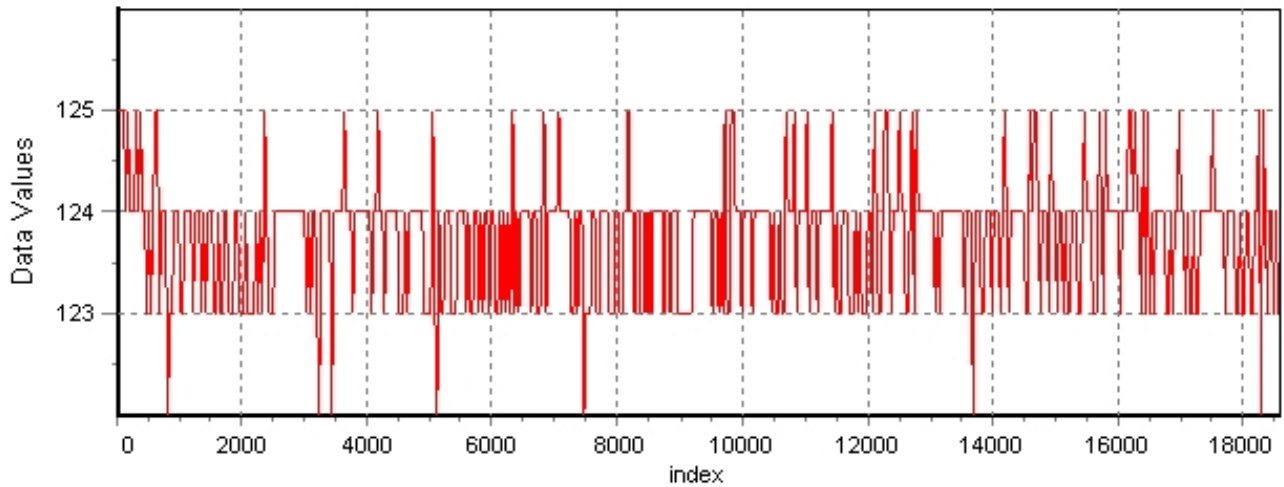
The mean Value of the processed data = 123.495

The Stanardr Deviation of the processed data = 5.90221

The number of removed outliers is 42

AlaVar 5.2

Data Values

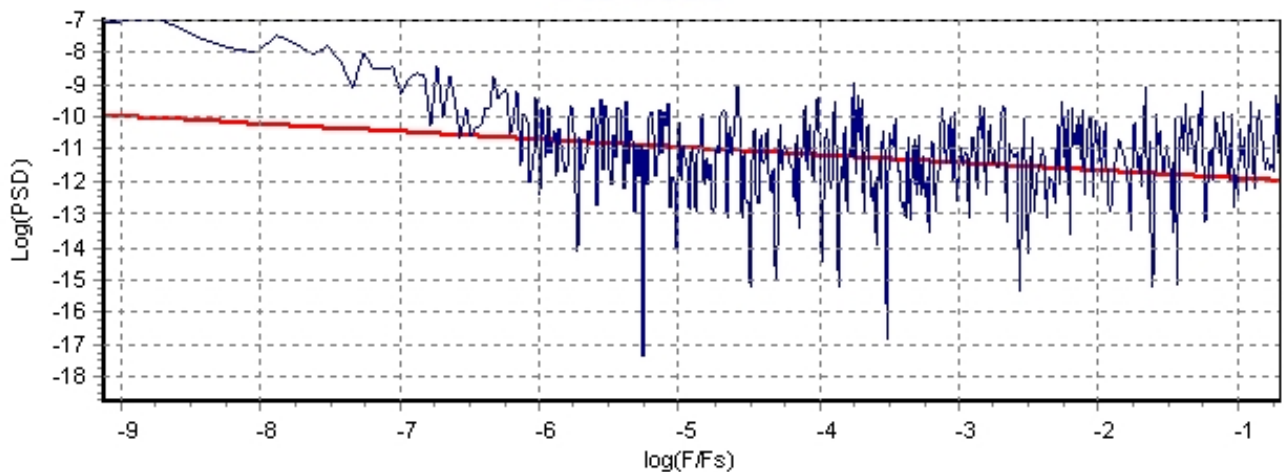


Produced by AlaVar 5.2

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 0.130000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.02 seconds

ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.483883
 The fit result is ADEV(tau=1) = Stability =0.596345

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
1	0.59869	0.59492	0.60253	0.59869	0.34565	0.59669
2	0.42991	0.42699	0.43289	0.34094	0.39369	0.42906
4	0.30565	0.30299	0.30837	0.22245	0.51372	0.30678
8	0.2132	0.21067	0.21583	0.1527	0.70528	0.21158
16	0.1557	0.15312	0.15842	0.11134	1.0285	0.15537
32	0.11099	0.10842	0.11376	0.079002	1.4596	0.11036
64	0.080793	0.078182	0.083684	0.058585	2.1648	0.078568
128	0.063079	0.060248	0.06635	0.044809	3.3114	0.057812
256	0.053121	0.04983	0.057162	0.038461	5.6845	0.041442
512	0.052317	0.047876	0.058278	0.038941	11.511	0.033284
1024	0.055252	0.048873	0.06502	0.033543	19.831	0.044724
2048	0.031921	0.026944	0.041311	0.019952	23.592	0.022714
4096	0.026763	0.021146	0.042253	0.024568	58.099	0.018785

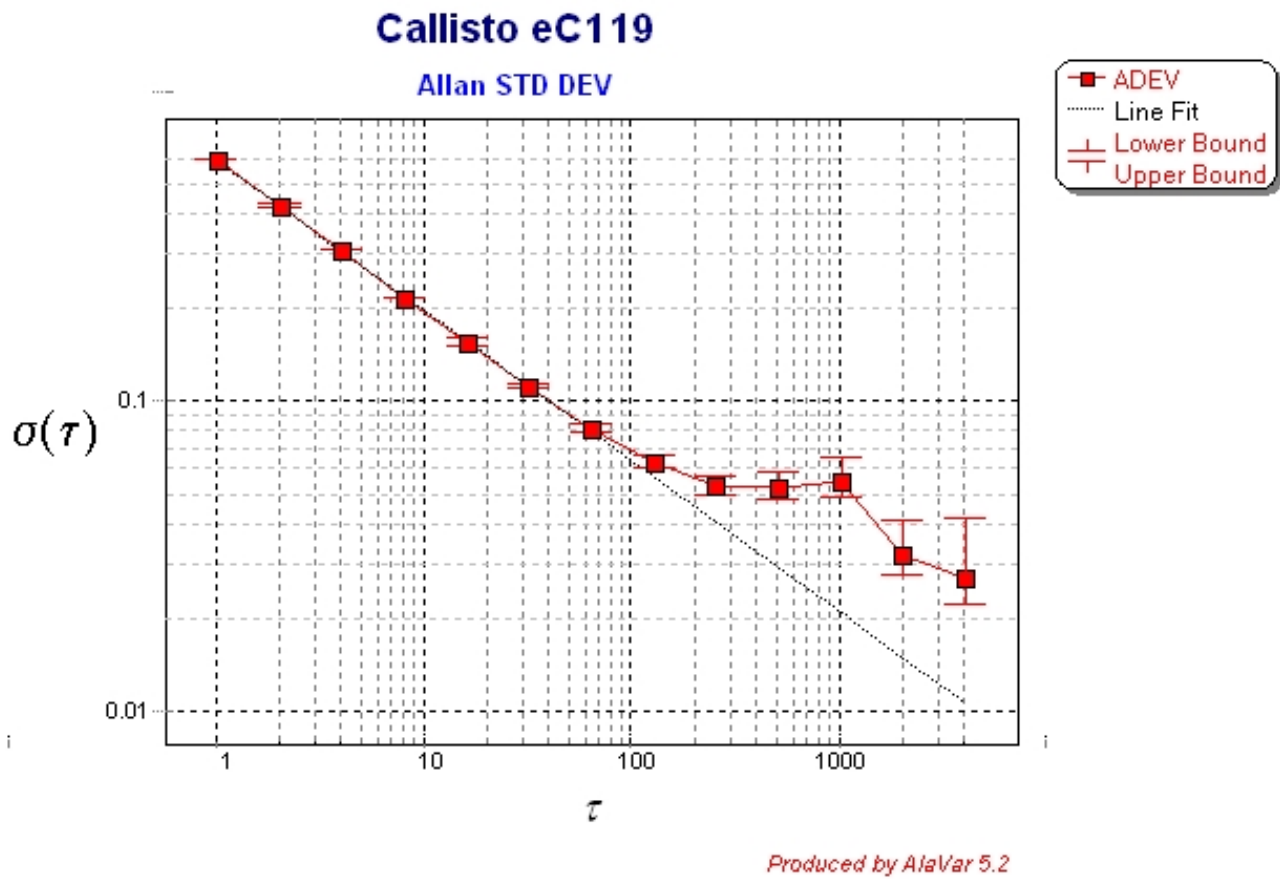


Figure 3 : Allan Standard Deviation