

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 13.03.2022 11:49:56

Column # 1 was processed

Data length N = 14211 points.

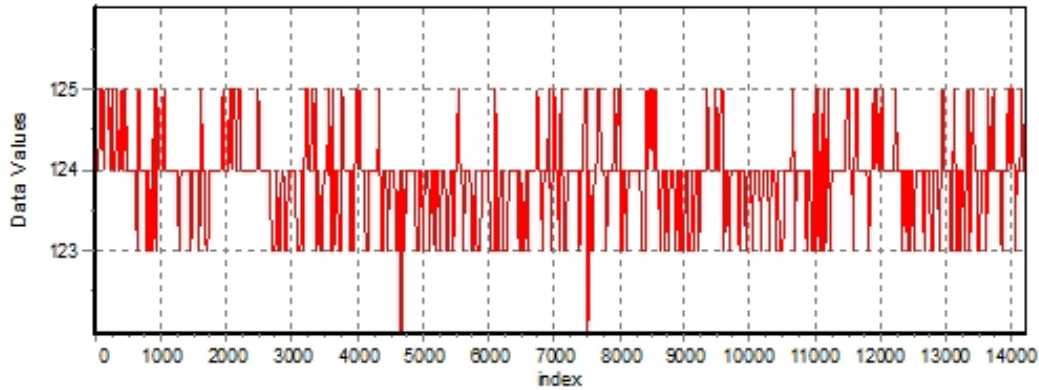
The mean Value of the processed data = 123.861

The Stanadr Deviation of the processed data = 2.99687

The number of removed outliers is 8

AlaVar 5.2

Data Values

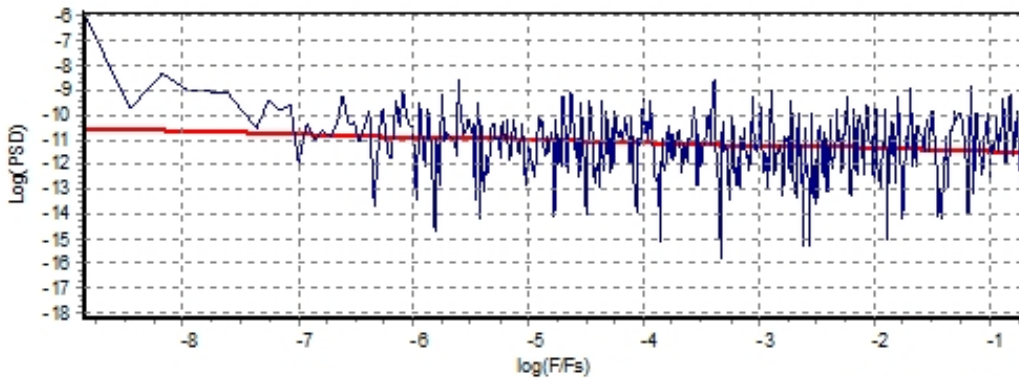


Produced by AlaVar 5.2

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 0.195000 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 =-0.483235
 The fit result is ADEV(tau=1) = Stability =0.288175

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	0.57814	0.57398	0.58239	0.57814	0.083448	0.57918
0.5	0.40578	0.40263	0.409	0.32008	0.092401	0.40671
1	0.28419	0.28138	0.2871	0.20721	0.11963	0.28332
2	0.20322	0.20047	0.2061	0.14518	0.16764	0.2023
4	0.14668	0.1439	0.14961	0.1046	0.24156	0.14681
8	0.10396	0.10122	0.10694	0.07356	0.33976	0.10468
16	0.071377	0.068755	0.074324	0.051621	0.47685	0.068578
32	0.057931	0.054983	0.061412	0.041896	0.77404	0.05791
64	0.039556	0.036784	0.043066	0.028055	1.0367	0.037668
128	0.033405	0.030207	0.037895	0.026704	1.9735	0.028874
256	0.034286	0.029835	0.04159	0.0271	4.0054	0.022827
512	0.047535	0.039216	0.065183	0.042383	12.529	0.028778
1024	0.060111	0.045949	0.11066	0.019445	11.496	0.082592

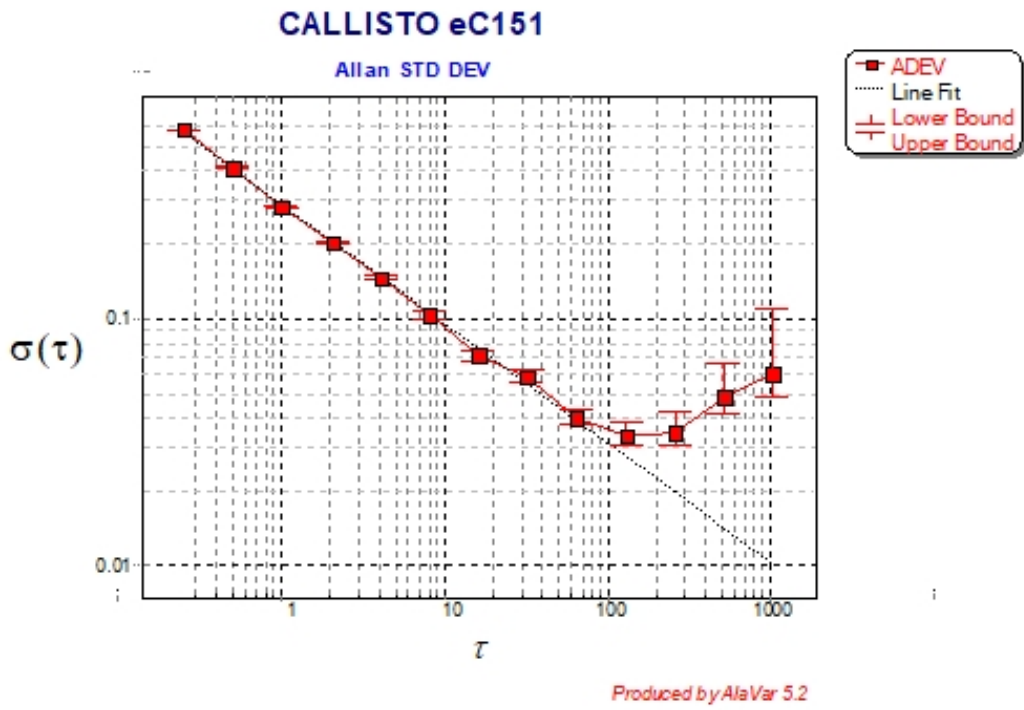


Figure 3 : Allan Standard Deviation