

AlaVar generated report

C:\Users\STEG\Documents\Projects\Callisto-e-Callisto\QualiData\TotalLightCurveeC134.prn

File 'C:\Users\STEG\Documents\Projects\Callisto-e-Callisto\QualiData\TotalLightCurveeC134.prn' created on 09.06.2021 06:40:52

Column # 1 was processed

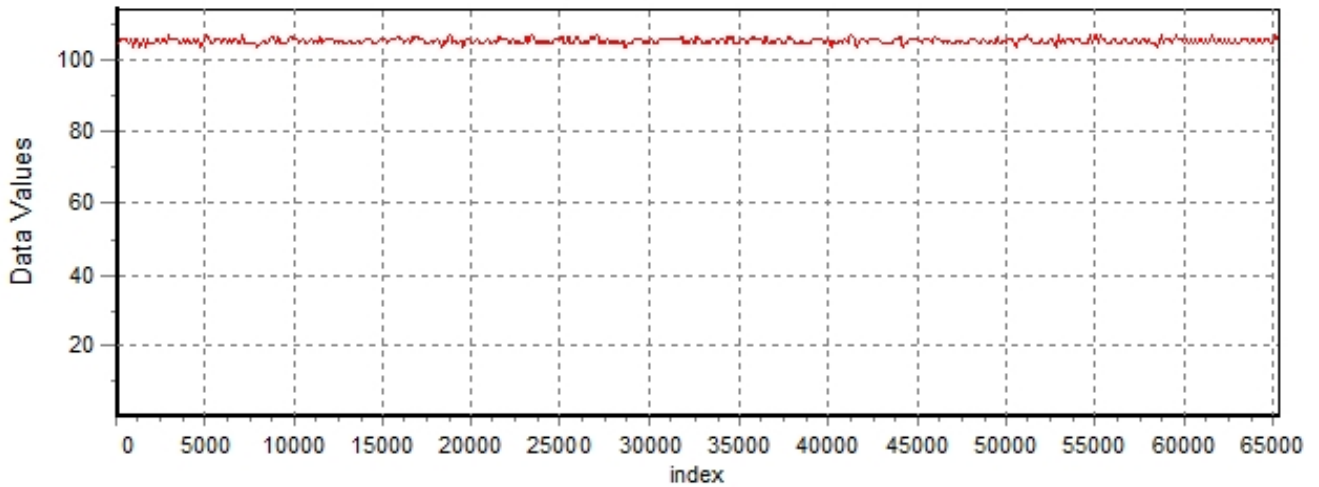
Data length N = 65373 points.

The mean Value of the processed data = 105.617

The Stanadr Deviation of the processed data = 2.34002

AlaVar 5.2

Data Values

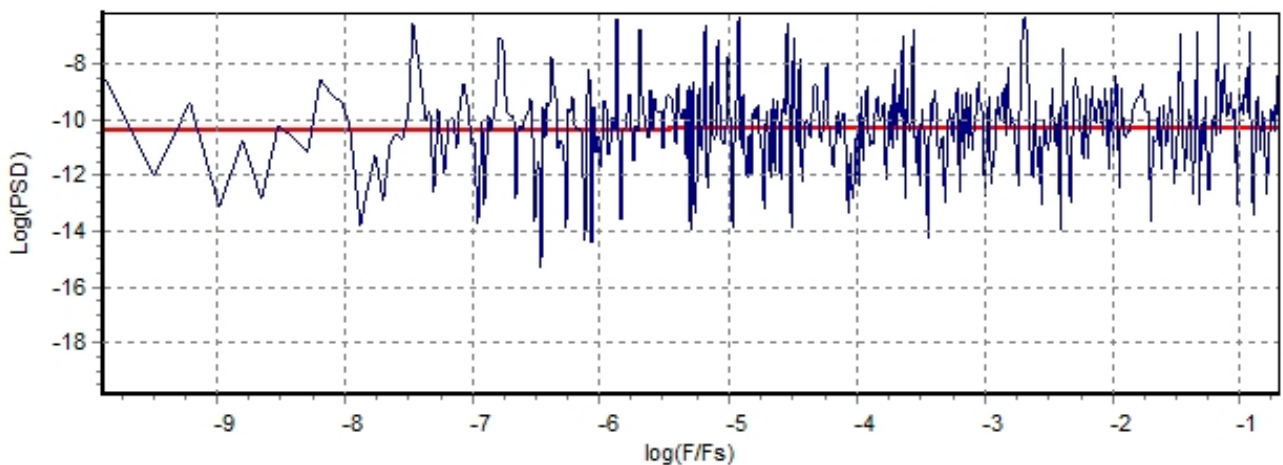


Produced by AlaVar 5.2

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 0.160000 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 =-0.499754
 The fit result is ADEV(tau=1) = Stability =1.17215

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	2.3383	2.3304	2.3462	2.3383	0.3375	2.3371
0.5	1.6564	1.6504	1.6625	1.3095	0.37803	1.6566
1	1.171	1.1655	1.1765	0.85374	0.49291	1.171
2	0.82802	0.82272	0.83341	0.58992	0.68118	0.82837
4	0.58541	0.58018	0.59079	0.41517	0.95879	0.58513
8	0.41482	0.40962	0.42023	0.29391	1.3575	0.41433
16	0.29537	0.29016	0.30086	0.20978	1.9378	0.29493
32	0.20994	0.20477	0.21553	0.14821	2.7383	0.21062
64	0.14636	0.14133	0.15197	0.10291	3.8026	0.14695
128	0.10255	0.097663	0.10826	0.071857	5.3103	0.10358
256	0.06448	0.060242	0.069759	0.036903	5.4543	0.069159
512	0.028431	0.025873	0.031934	0.014585	4.3113	0.028834
1024	0.018947	0.016633	0.022604	0.012564	7.4278	0.017776
2048	0.018826	0.015724	0.024996	0.015228	18.006	0.016196
4096	0.021607	0.016814	0.036372	0.012177	28.797	0.022853

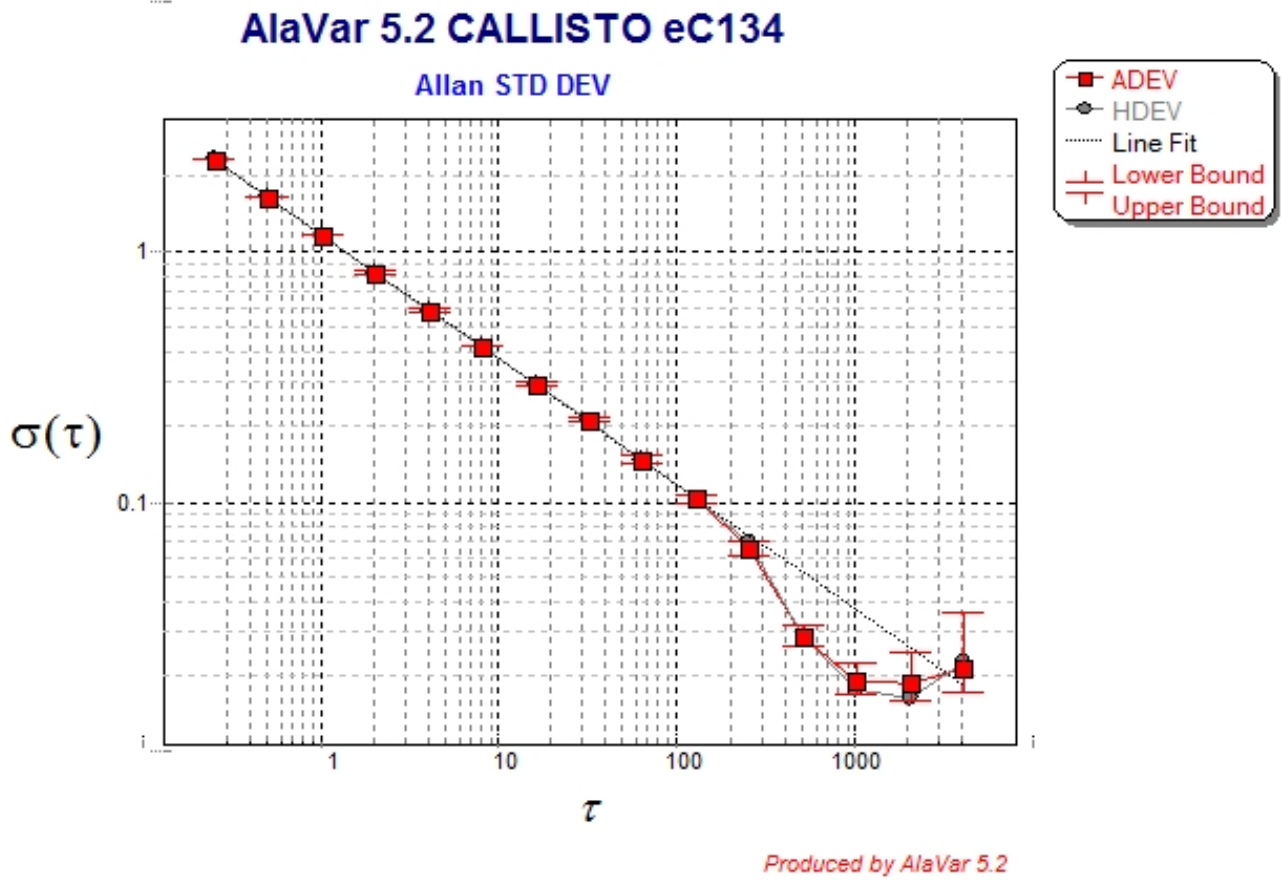


Figure 3 : Allan Standard Deviation