

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 02.12.2018 13:51:38

Column # 1 was processed

Data length N = 32400 points.

The mean Value of the processed data = 122.652

The Stanadrd Deviation of the processed data = 5.81855

The number of removed outliers is 72

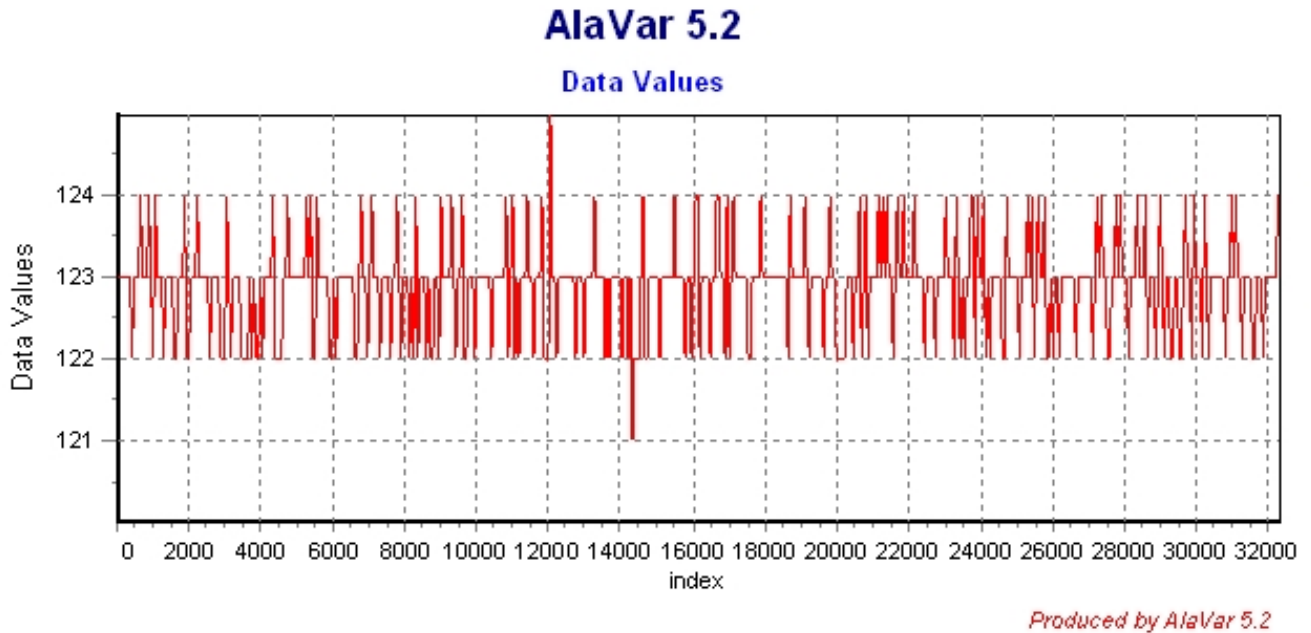


Figure 1 : Processed Data

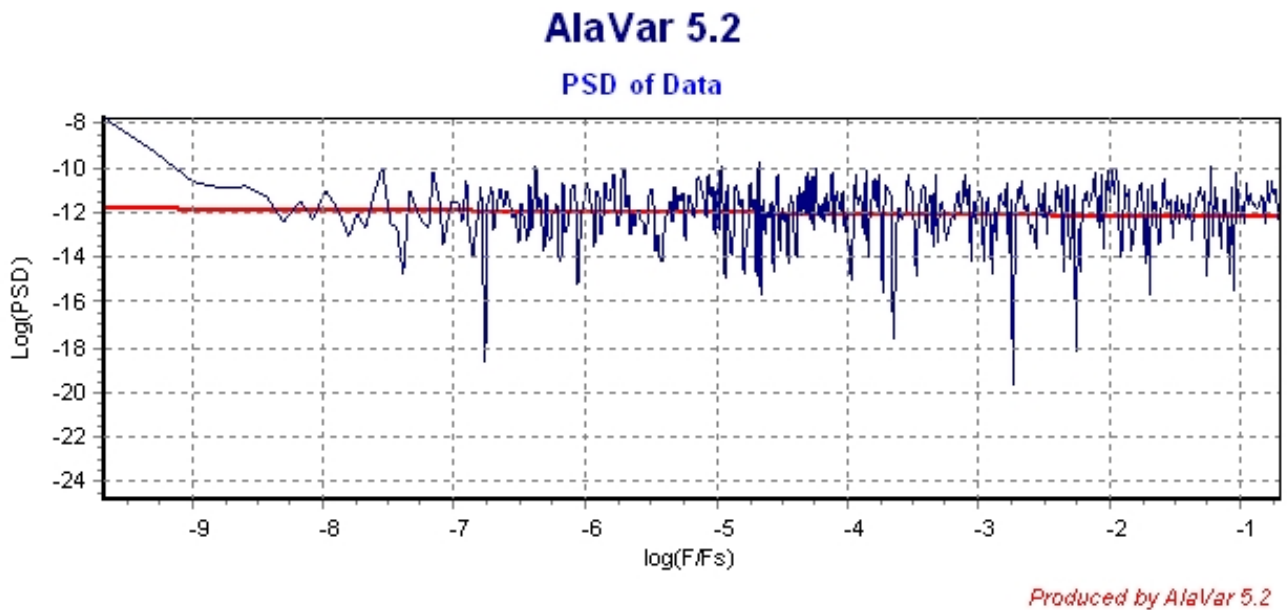


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.151000 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 Slope of the line is =-0.500748
 The fit result is ADEV(tau=1) = Stability =0.592213

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	0.5906	0.58778	0.59347	0.5906	0.34098	0.58981
2	0.41992	0.41775	0.42212	0.3321	0.38348	0.42002
4	0.29638	0.29442	0.29838	0.21562	0.49795	0.29694
8	0.20818	0.2063	0.21012	0.14816	0.68432	0.20862
16	0.14665	0.1448	0.14858	0.10418	0.9624	0.14638
32	0.10427	0.10242	0.10622	0.074027	1.3677	0.10359
64	0.075546	0.073674	0.077568	0.053365	1.9719	0.075729
128	0.052279	0.050473	0.054293	0.036953	2.7308	0.052443
256	0.036038	0.034311	0.038054	0.025314	3.7415	0.035745
512	0.026241	0.024508	0.028403	0.018292	5.4073	0.026147
1024	0.017298	0.015734	0.019444	0.011266	6.6604	0.01768
2048	0.01083	0.0095009	0.012937	0.0081499	9.6365	0.008896
4096	0.013802	0.011517	0.018369	0.013126	31.04	0.0057472
8192	0.023723	0.018435	0.040181	0.021854	103.36	0.0099739

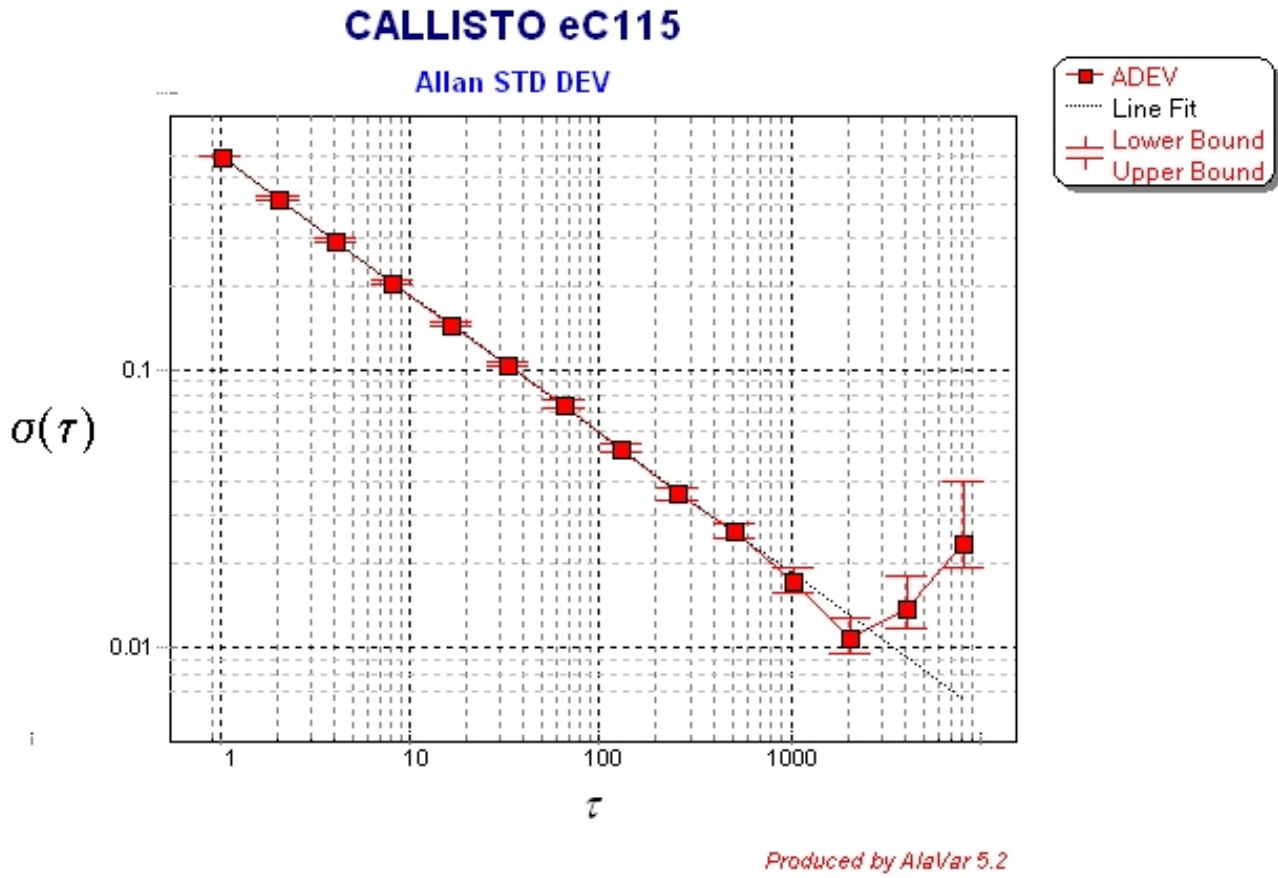


Figure 3 : Allan Standard Deviation