

AlaVar generated report

C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 21.12.2025 14:28:28

Column # 1 was processed

Data length N = 29409 points.

The mean Value of the processed data = 118.452

The Stanadrd Deviation of the processed data = 2.90242

The number of removed outliers is 17

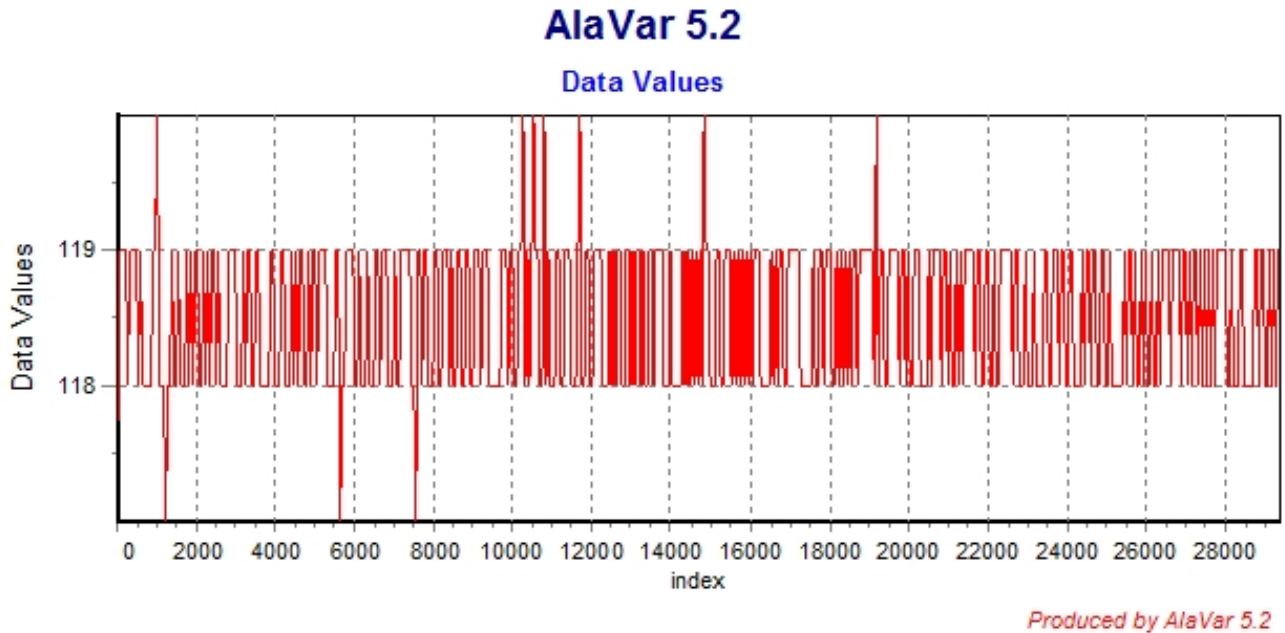


Figure 1 : Processed Data

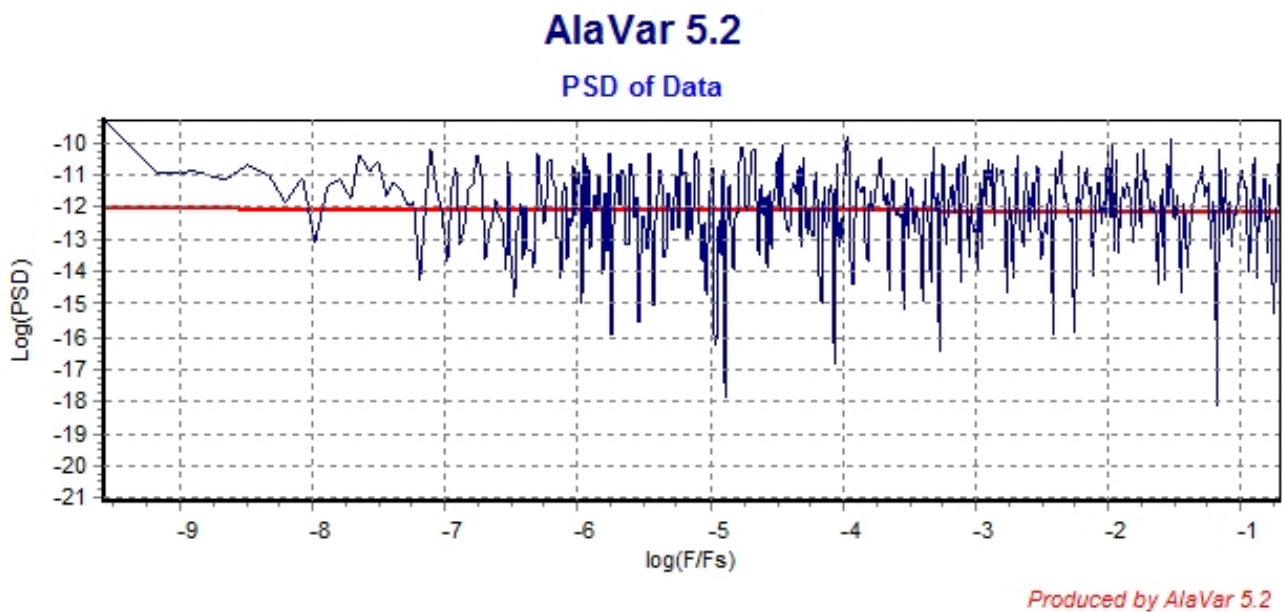


Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.037000 seconds

The error bars were computed for a : White FM

The computation of the Error bars lasted 0.002 seconds

ADEV(tau) was fitted to a line :

The Slope of the line is =-0.489175

The fit result is ADEV(tau=1) = Stability =0.275547

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	0.55541	0.55262	0.55824	0.55541	0.080166	0.5553
0.5	0.39294	0.39081	0.3951	0.31034	0.089588	0.39358
1	0.2758	0.27389	0.27775	0.2008	0.11593	0.2757
2	0.19581	0.19396	0.19773	0.14034	0.16205	0.19483
4	0.14128	0.13941	0.14323	0.10055	0.23222	0.14125
8	0.099663	0.097813	0.10162	0.070135	0.32394	0.10034
16	0.068431	0.066656	0.070356	0.04799	0.44331	0.068413
32	0.048112	0.046373	0.050063	0.033558	0.61999	0.048283
64	0.033409	0.031735	0.035379	0.023851	0.88129	0.032826
128	0.026321	0.024505	0.028611	0.019423	1.4354	0.025868
256	0.02	0.018114	0.022632	0.014784	2.1851	0.020179
512	0.015519	0.013534	0.018746	0.011752	3.4738	0.014046
1024	0.010269	0.0084983	0.013965	0.0073446	4.3422	0.0082231
2048	0.012694	0.0097468	0.022813	0.013529	15.997	0.0049026

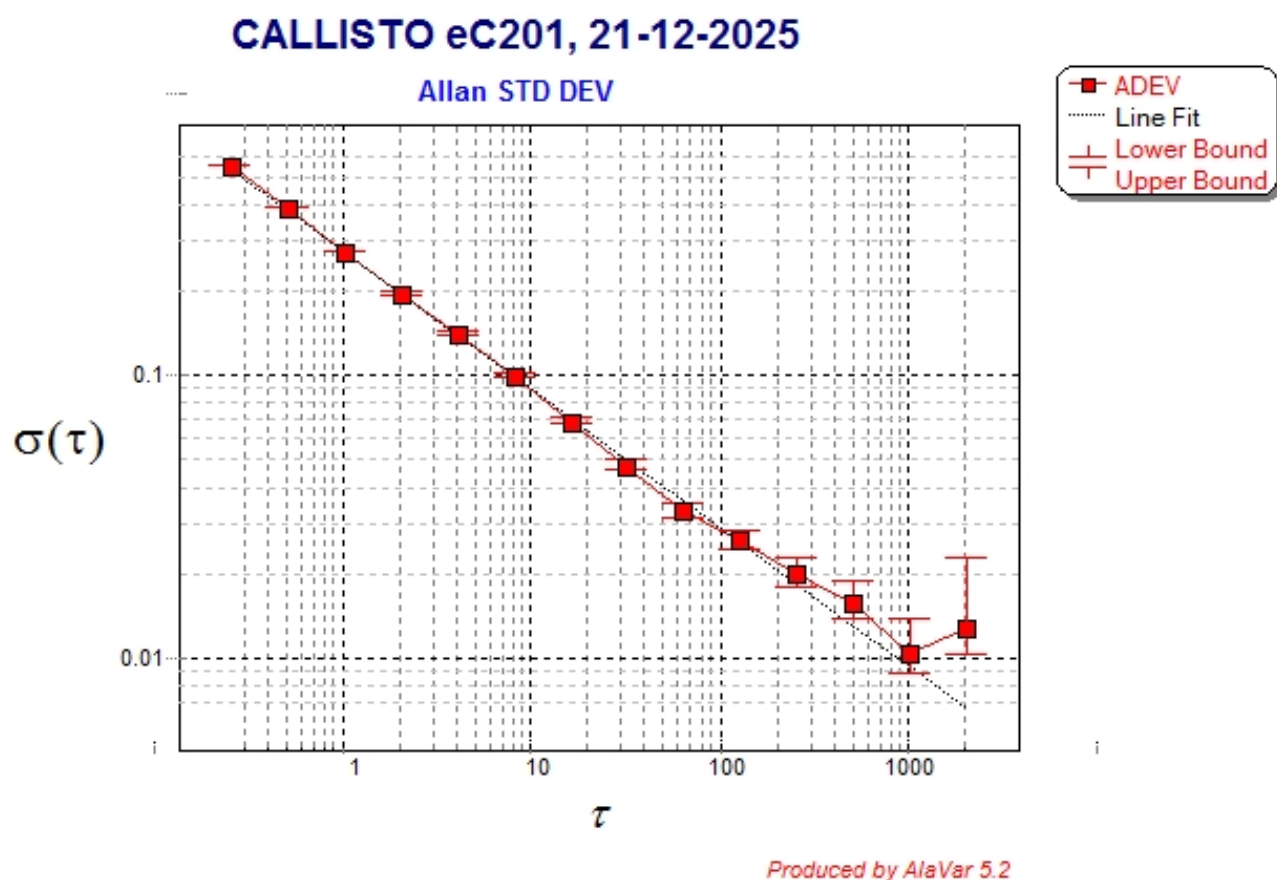


Figure 3 : Allan Standard Deviation