

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightcurve.DAT' created on 11.04.2026 18:05:46

Column # 1 was processed

Data length N = 9050 points.

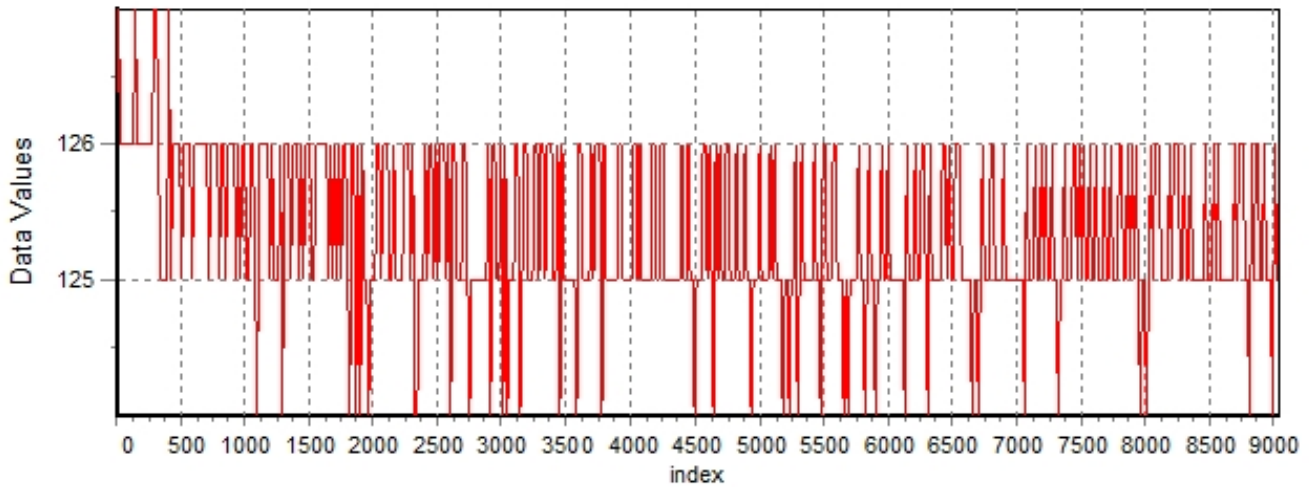
The mean Value of the processed data = 125.243

The Stanardr Deviation of the processed data = 3.28032

The number of removed outliers is 6

AlaVar 5.2

Data Values

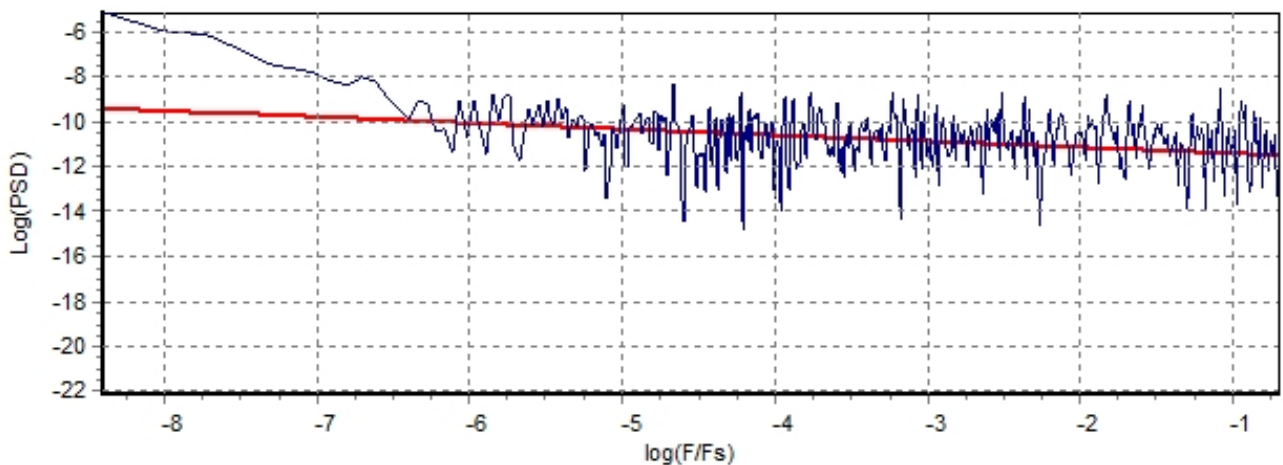


Produced by AlaVar 5.2

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 0.020000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.001 seconds

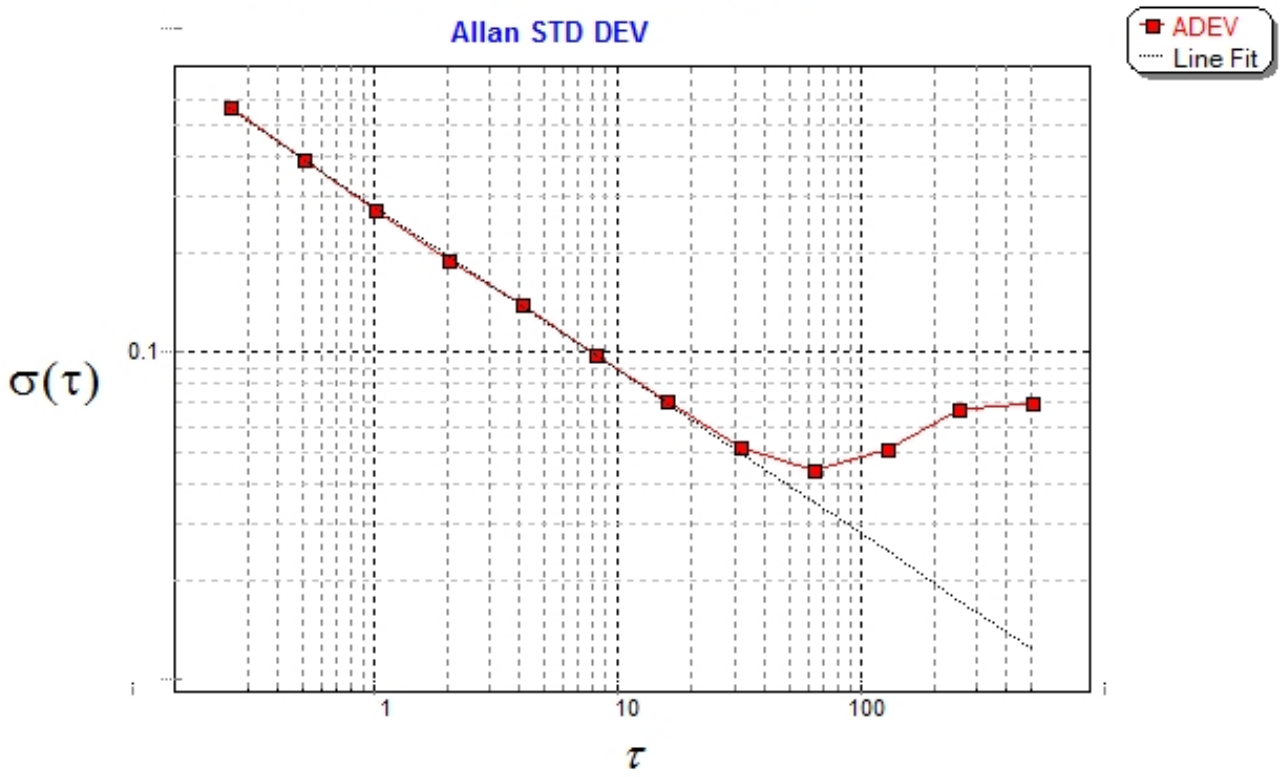
ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.501617
 The fit result is ADEV(tau=1) = Stability =0.280777

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	0.57372	0.56856	0.57902	0.57372	0.082809	0.57658
0.5	0.39642	0.39257	0.40038	0.31232	0.090158	0.39682
1	0.27785	0.27441	0.28142	0.20065	0.11585	0.27863
2	0.19438	0.1911	0.19785	0.13828	0.15967	0.19348
4	0.14042	0.13711	0.14397	0.099953	0.23083	0.14051
8	0.098539	0.095311	0.10212	0.069663	0.32176	0.098249
16	0.070986	0.067759	0.074723	0.050057	0.46241	0.070953
32	0.051048	0.047846	0.054993	0.036917	0.68206	0.048007
64	0.043691	0.039935	0.048752	0.032849	1.2138	0.032416
128	0.050385	0.044498	0.05946	0.041675	3.0798	0.021049
256	0.067599	0.056934	0.087937	0.042832	6.3307	0.032801
512	0.06976	0.054945	0.11152	0.046856	13.851	0.038916

CALLISTO eC208, 11.04.2026

Allan STD DEV



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Figure 3 : Allan Standard Deviation