

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 05.10.2024 09:45:00

Column # 1 was processed

Data length N = 19800 points.

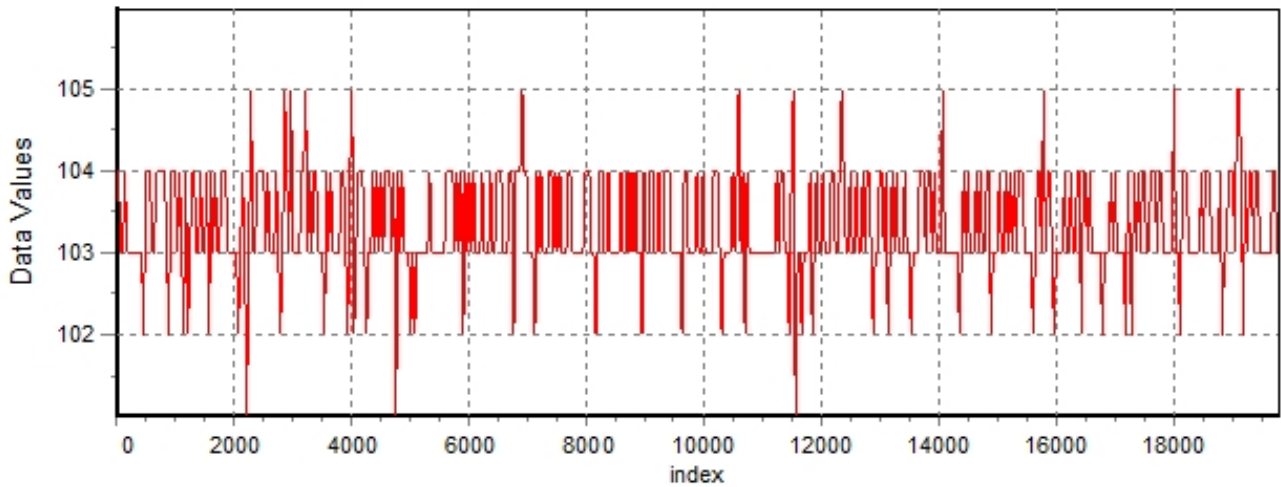
The mean Value of the processed data = 103.245

The Stanadr Deviation of the processed data = 2.52422

The number of removed outliers is 11

AlaVar 5.2

Data Values

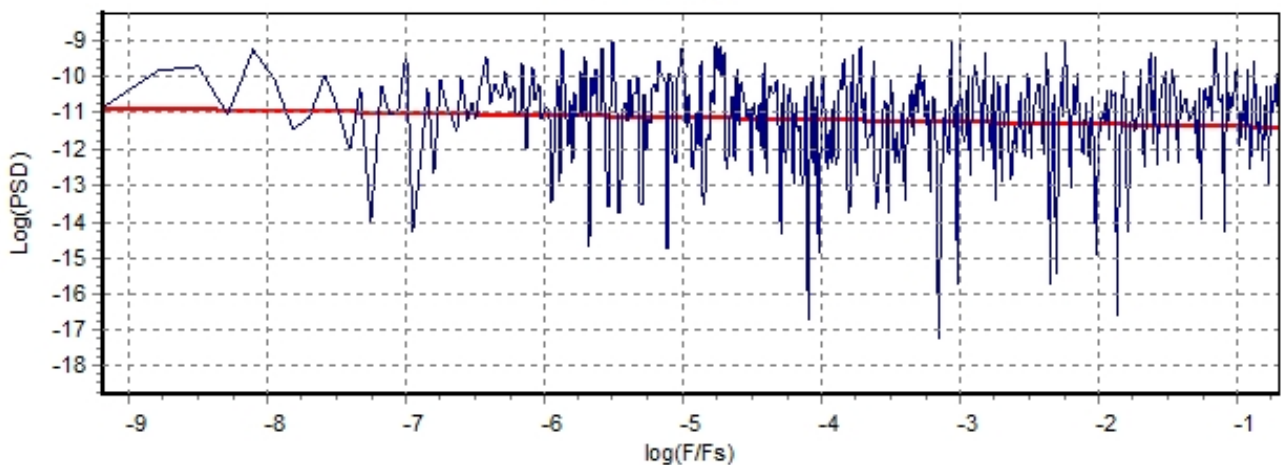


Produced by AlaVar 5.2

Figure 1 : Processed Data

AlaVar 5.2

PSD of Data



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Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVS lasted 0.214000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.001 seconds

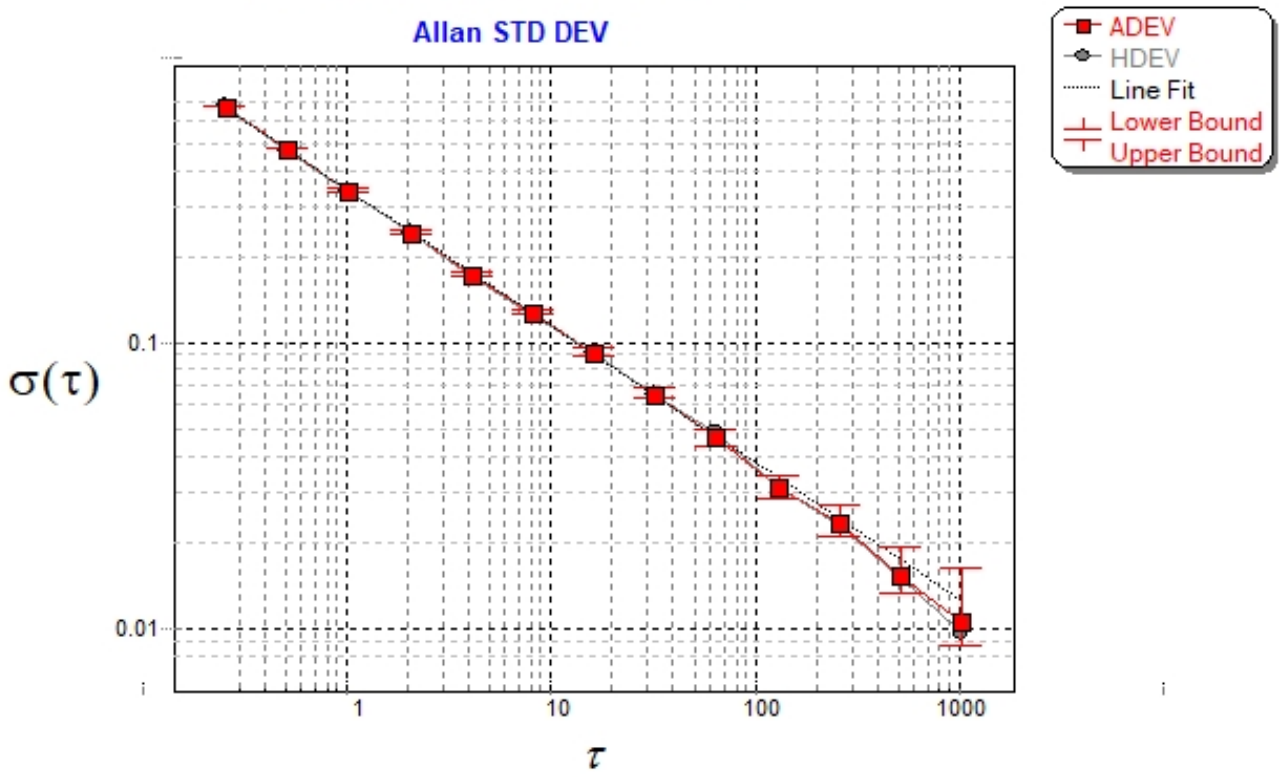
ADEV(tau) was fitted to a line :
 The Solpe of the line is =-0.476097
 The fit result is ADEV(tau=1) = Stability =0.341972

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	0.66816	0.66408	0.67231	0.66816	0.09644	0.66726
0.5	0.47607	0.47293	0.47927	0.37767	0.10902	0.47433
1	0.34191	0.33903	0.34487	0.25053	0.14464	0.34141
2	0.2437	0.24089	0.24661	0.17465	0.20166	0.24367
4	0.17353	0.17074	0.17646	0.12461	0.28778	0.17172
8	0.12735	0.12449	0.13042	0.091276	0.42158	0.12624
16	0.092494	0.089593	0.095697	0.06578	0.60765	0.092471
32	0.065865	0.062995	0.069167	0.047572	0.8789	0.065919
64	0.047175	0.044336	0.05064	0.033081	1.2223	0.048294
128	0.031424	0.02883	0.034873	0.022471	1.6606	0.031611
256	0.023342	0.02072	0.0273	0.0168	2.4831	0.023172
512	0.015337	0.013009	0.019627	0.009829	2.9055	0.01521
1024	0.010696	0.0085101	0.016446	0.0050714	2.9982	0.0098147

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Allan STD DEV



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Figure 3 : Allan Standard Deviation