

AlaVar generated report

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

File 'C:\CALLISTO-01\FITfiles\TotalLightCurve100.prn' created on 25.02.2020 14:31:22

Column # 1 was processed

Data length N = 31733 points.

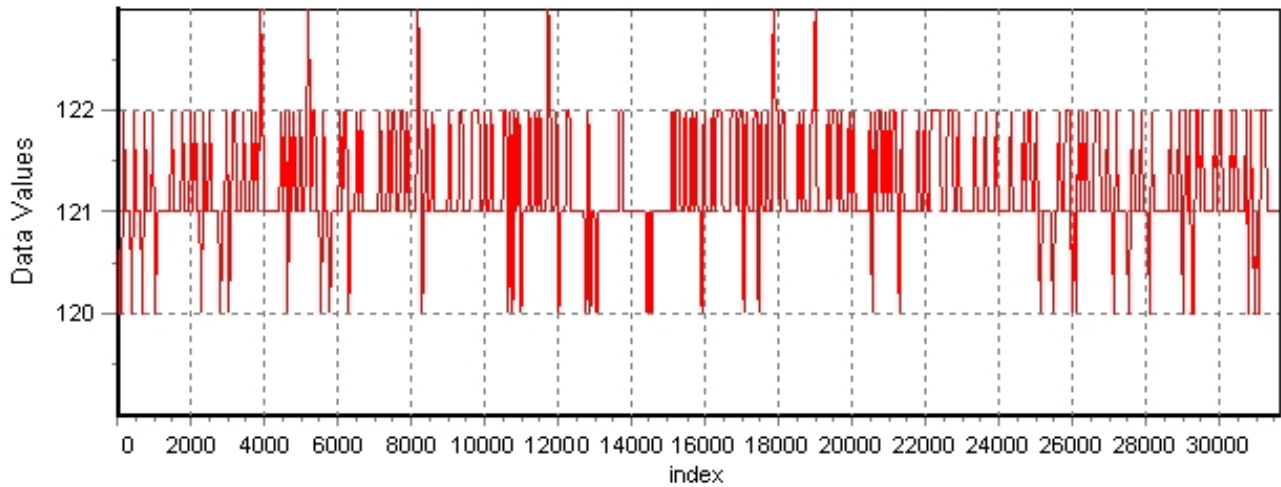
The mean Value of the processed data = 120.951

The Stanadrd Deviation of the processed data = 5.76029

The number of removed outliers is 71

AlaVar 5.2

Data Values

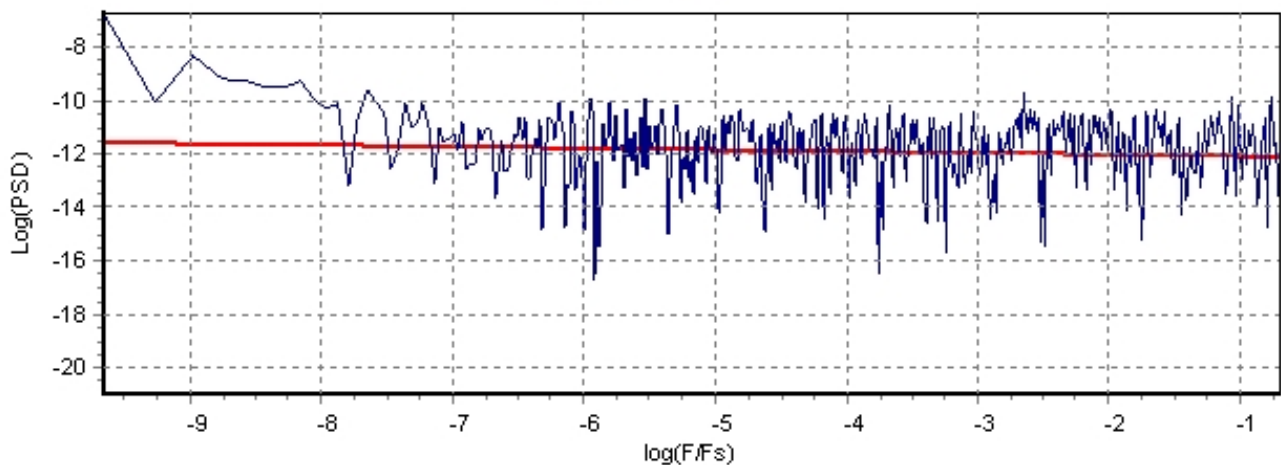


Produced by AlaVar 5.2

Figure 1 : Processed Data

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PSD of Data



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Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.140000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0 seconds

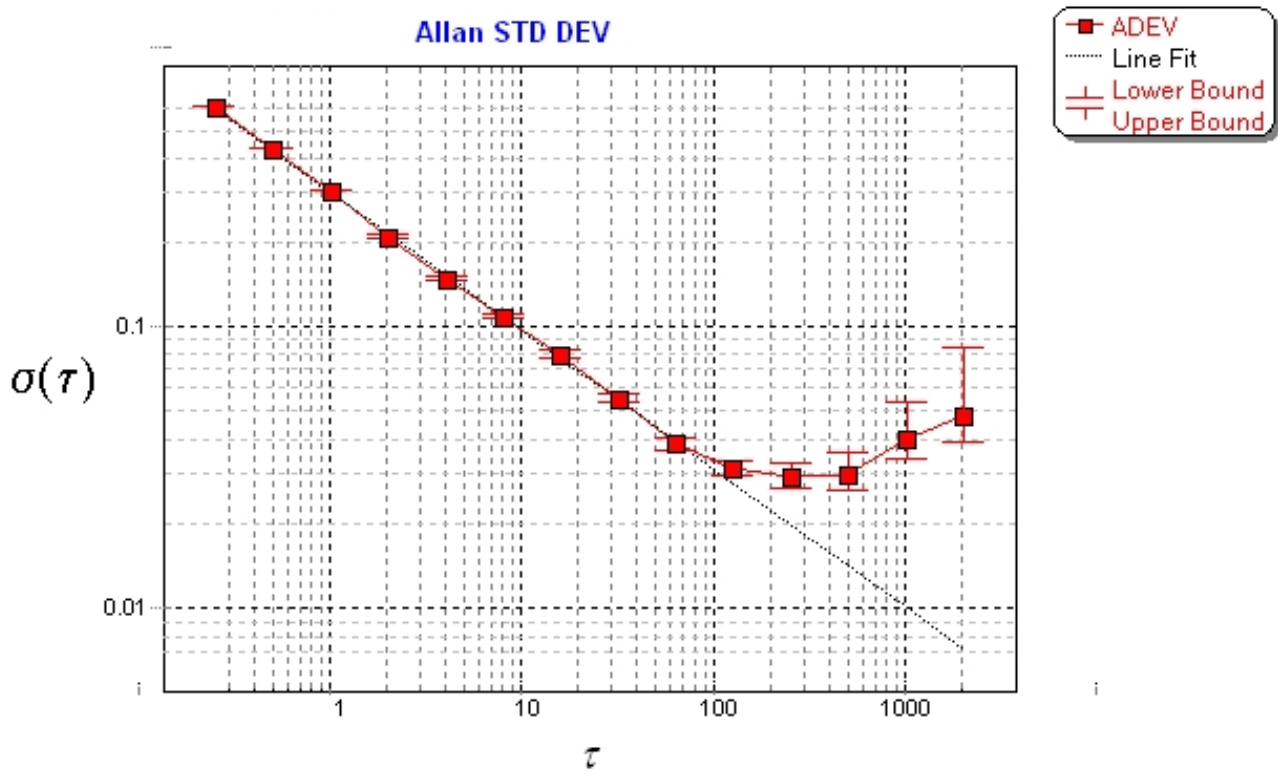
ADEV(tau) was fitted to a line :
 The Slope of the line is =-0.492616
 The fit result is ADEV(tau=1) = Stability =0.304236

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	0.61023	0.60728	0.61323	0.61023	0.088079	0.61018
0.5	0.43129	0.42904	0.43358	0.34061	0.098325	0.43138
1	0.30515	0.30311	0.30723	0.22235	0.12838	0.30626
2	0.21115	0.20922	0.21314	0.14917	0.17224	0.21108
4	0.14979	0.14788	0.15178	0.10653	0.24603	0.14893
8	0.10859	0.10664	0.11064	0.077788	0.35929	0.1072
16	0.080132	0.078126	0.0823	0.056875	0.52539	0.080891
32	0.055172	0.053248	0.057322	0.039054	0.72152	0.055287
64	0.03877	0.036894	0.040965	0.027769	1.0261	0.0381
128	0.031287	0.029201	0.033896	0.024492	1.81	0.028723
256	0.02921	0.026545	0.03288	0.021092	3.1174	0.021462
512	0.029985	0.026272	0.035902	0.024968	7.3806	0.021458
1024	0.04007	0.033376	0.053569	0.036402	21.521	0.033391
2048	0.048709	0.037755	0.083502	0.023805	28.147	0.054358

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Allan STD DEV



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Figure 3 : Allan Standard Deviation