

AlaVar generated report

E:\Callisto_Quali\temp\Data\c88\TotalLightcurve.DAT

File 'E:\Callisto_Quali\temp\Data\c88\TotalLightcurve.DAT' created on 06.11.2015 19:18:54

Column # 1 was processed

Data length N = 2467780 points.

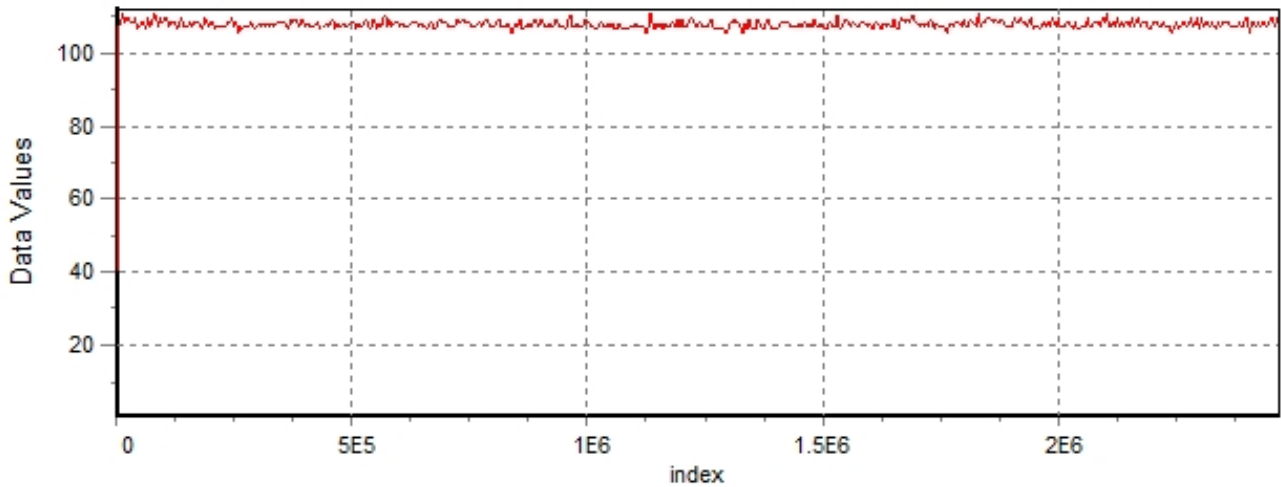
The mean Value of the processed data = 80261.5

The Stanadr Deviation of the processed data = 1.85648e+07

The number of removed outliers is 46

AlaVar 5.2

Data Values

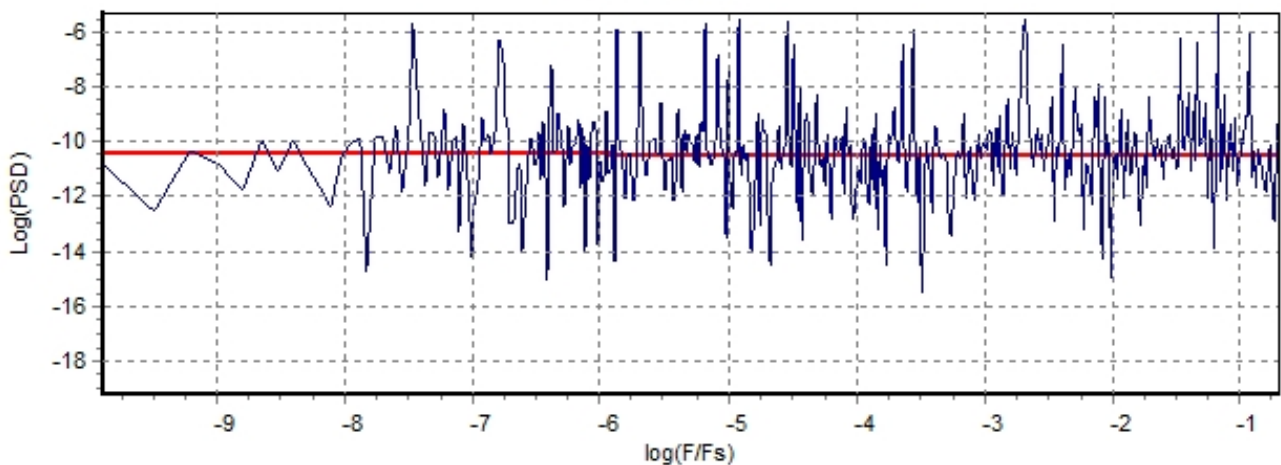


Produced by AlaVar 5.2

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 0.655000 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 Solpe of the line is =-0.499508
 The fit result is ADEV(tau=1) = Stability =1.3271

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	2.6539	2.6524	2.6553	2.6539	0.38305	2.6534
0.5	1.877	1.8759	1.8781	1.484	0.42838	1.8768
1	1.3275	1.3265	1.3285	0.96756	0.55862	1.3275
2	0.93858	0.9376	0.93957	0.6688	0.77227	0.9387
4	0.66329	0.66231	0.66427	0.46989	1.0852	0.66316
8	0.46959	0.46861	0.47057	0.33242	1.5354	0.46954
16	0.3323	0.33133	0.33328	0.23503	2.1711	0.33248
32	0.23445	0.23348	0.23543	0.16585	3.064	0.23422
64	0.16632	0.16535	0.16731	0.11769	4.3488	0.16621
128	0.11778	0.11681	0.11877	0.083193	6.148	0.11784
256	0.074655	0.073791	0.075549	0.042019	6.2105	0.080821
512	0.031546	0.031034	0.032085	0.017883	5.2863	0.031541
1024	0.022634	0.022119	0.023187	0.013481	7.9701	0.022451
2048	0.016058	0.015549	0.016622	0.0099731	11.792	0.016283
4096	0.011679	0.011164	0.012273	0.0092504	21.876	0.010078
8192	0.012742	0.011966	0.013692	0.010531	49.809	0.011253
16384	0.012948	0.011866	0.014391	0.010188	96.368	0.011282
32768	0.012105	0.01073	0.014194	0.0096461	182.49	0.011921
65536	0.010197	0.0086319	0.01311	0.0080282	303.77	0.010285
1.3107e+05	0.010205	0.0080964	0.015861	0.0086385	653.72	0.0044885

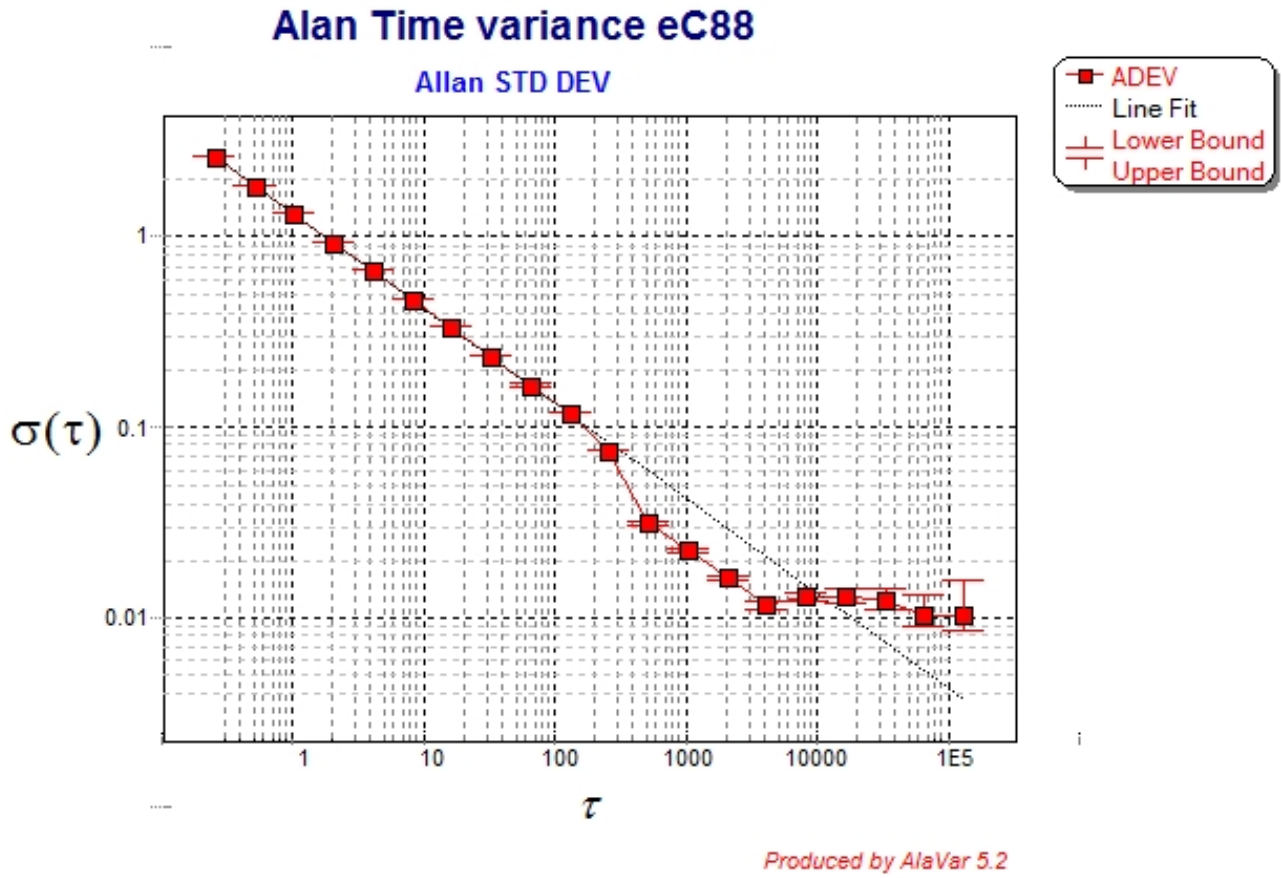


Figure 3 : Allan Standard Deviation