

AlaVar generated report

F:\Callisto_Quali\Data\TotalLightCurve100.prn

File 'F:\Callisto_Quali\Data\TotalLightCurve100.prn' created on 04.03.2016 09:41:54

Column # 1 was processed

Data length N = 689383 points.

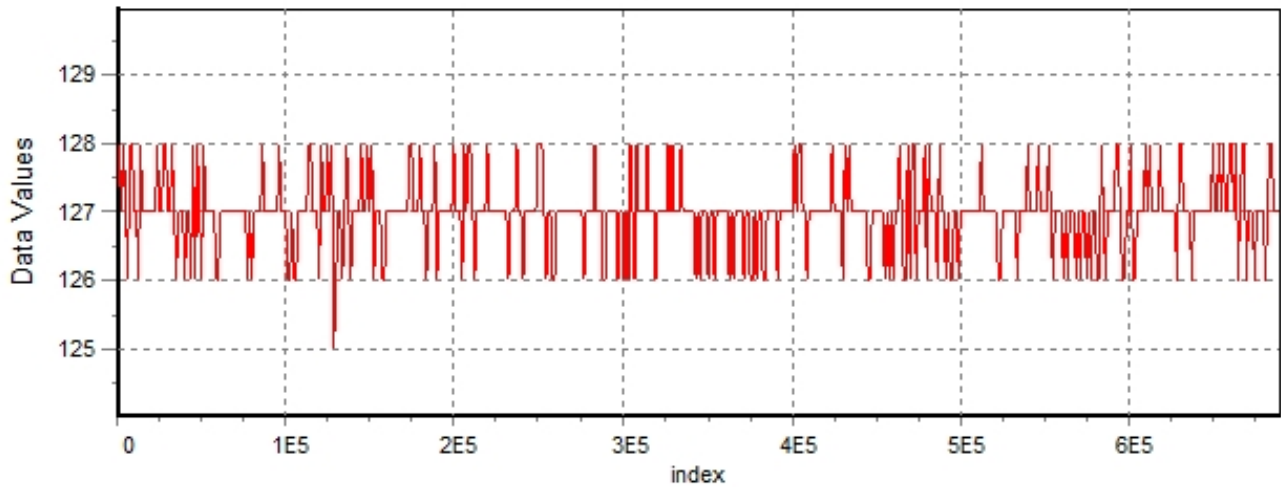
The mean Value of the processed data = 126.962

The Stanardr Deviation of the processed data = 1.04093

The number of removed outliers is 32

AlaVar 5.2

Data Values

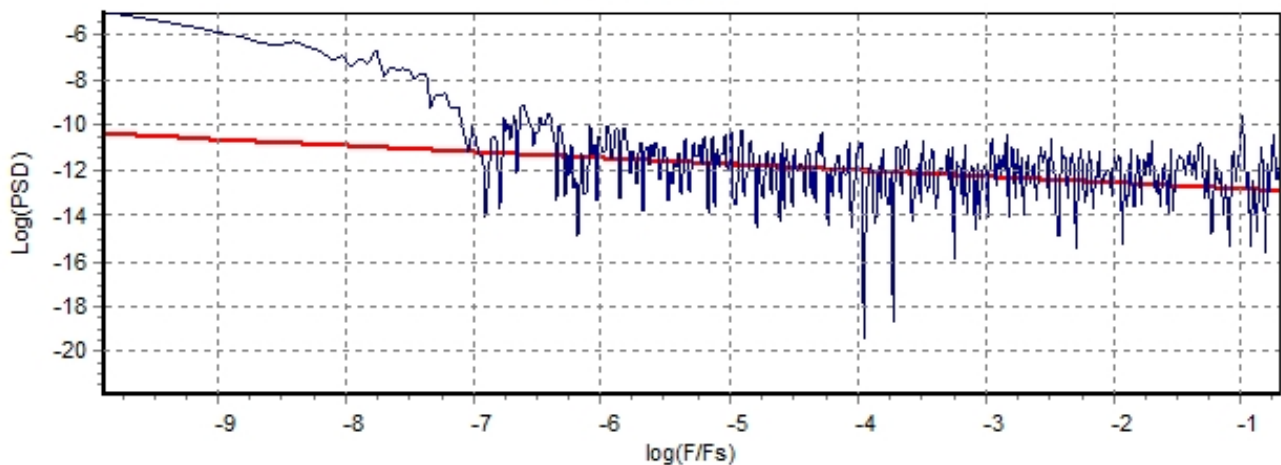


Produced by AlaVar 5.2

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 0.139000 seconds
 The error bars were computed for a : White FM
 The computation of the Error bars lasted 0.001 seconds

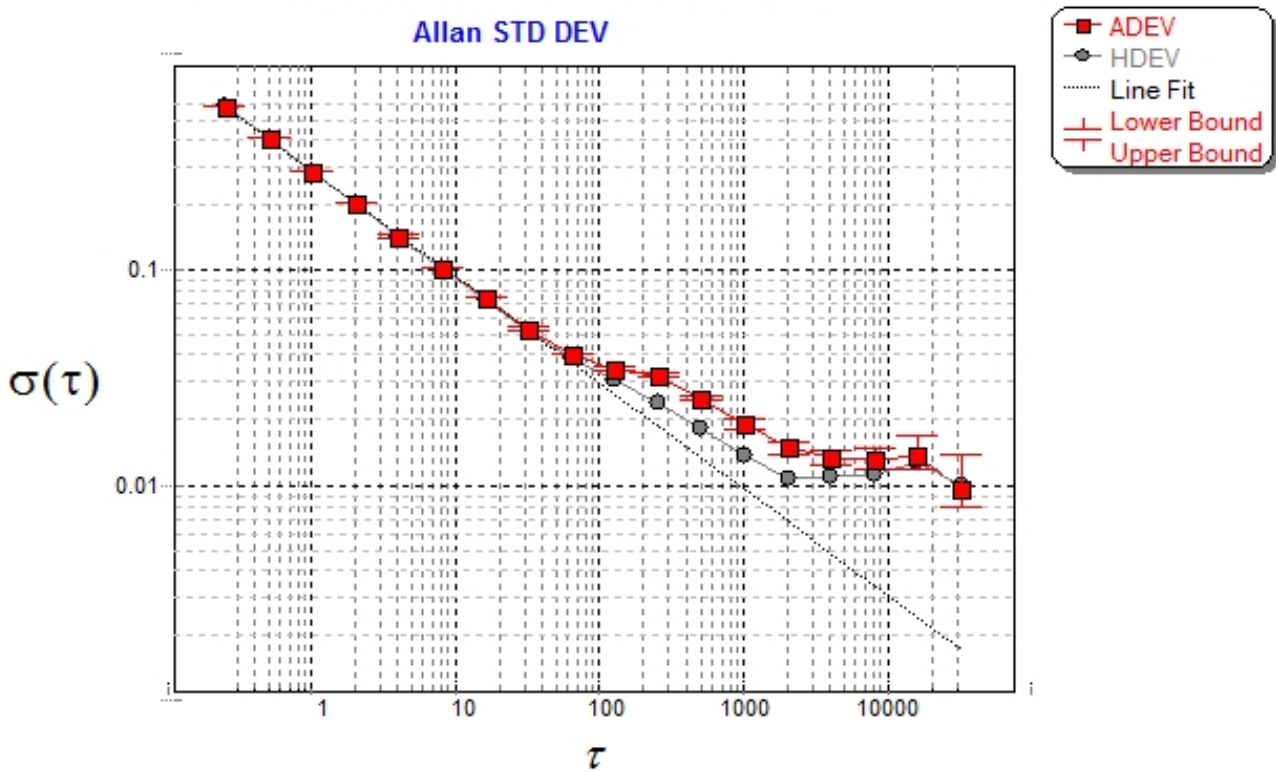
ADEV(tau) was fitted to a line :
 The Slope of the line is =-0.49264
 The fit result is ADEV(tau=1) = Stability =0.287342

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	0.57408	0.57348	0.57468	0.57408	0.082861	0.57408
0.5	0.40598	0.40553	0.40644	0.32104	0.092675	0.40586
1	0.28726	0.28684	0.28767	0.2092	0.12078	0.28743
2	0.20278	0.20238	0.20318	0.14456	0.16692	0.20274
4	0.14368	0.14328	0.14408	0.10192	0.23538	0.14364
8	0.10184	0.10144	0.10224	0.072308	0.33398	0.10154
16	0.073095	0.072691	0.073505	0.052101	0.48129	0.072746
32	0.053166	0.052752	0.053589	0.038168	0.70517	0.05206
64	0.040195	0.039755	0.040651	0.029784	1.1005	0.038229
128	0.034642	0.034109	0.035201	0.027396	2.0246	0.030736
256	0.032412	0.031713	0.033159	0.020824	3.0778	0.024172
512	0.025	0.024247	0.025827	0.014824	4.3819	0.018239
1024	0.019244	0.018438	0.020165	0.0111	6.5626	0.013745
2048	0.014965	0.014099	0.016013	0.0090158	10.66	0.010654
4096	0.013204	0.012155	0.014582	0.0098551	23.306	0.010795
8192	0.012927	0.011528	0.015	0.010694	50.579	0.011208
16384	0.013611	0.011619	0.017173	0.010134	95.859	0.012828
32768	0.0094091	0.0075552	0.014009	0.0072111	136.42	0.010051

Allan time variance Callisto eC93

Allan STD DEV



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Figure 3 : Allan Standard Deviation