

# AlaVar generated report

C:\temp\Data\LC050.dat

File 'C:\temp\Data\LC050.dat' created on 06.11.2017 06:40:12

Column # 1 was processed

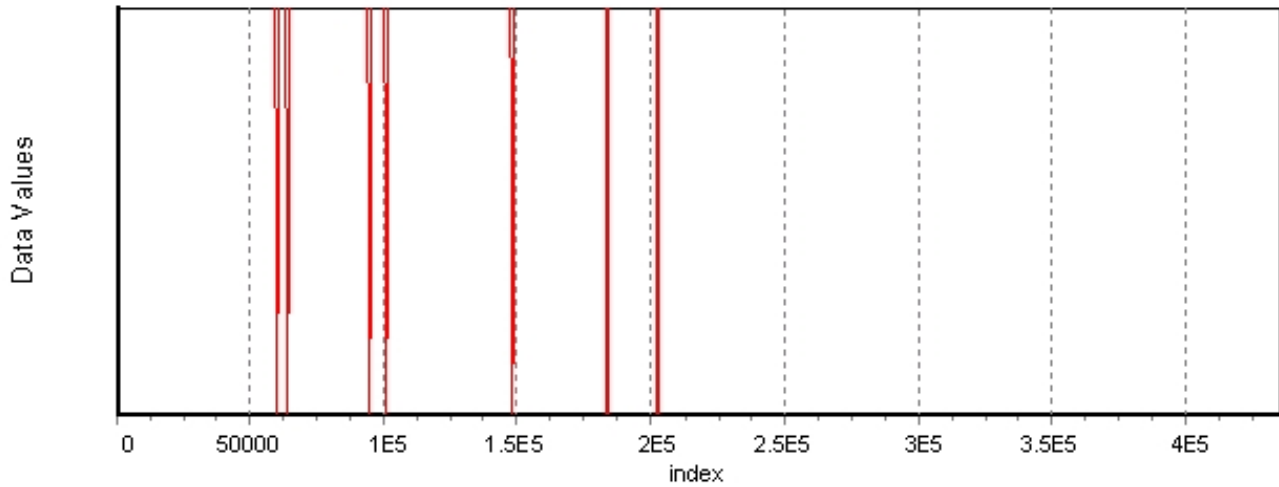
Data length N = 435600 points.

The mean Value of the processed data = 154.99

The Stanadr Deviation of the processed data = 0.0993631

## AlaVar 5.2

### Data Values

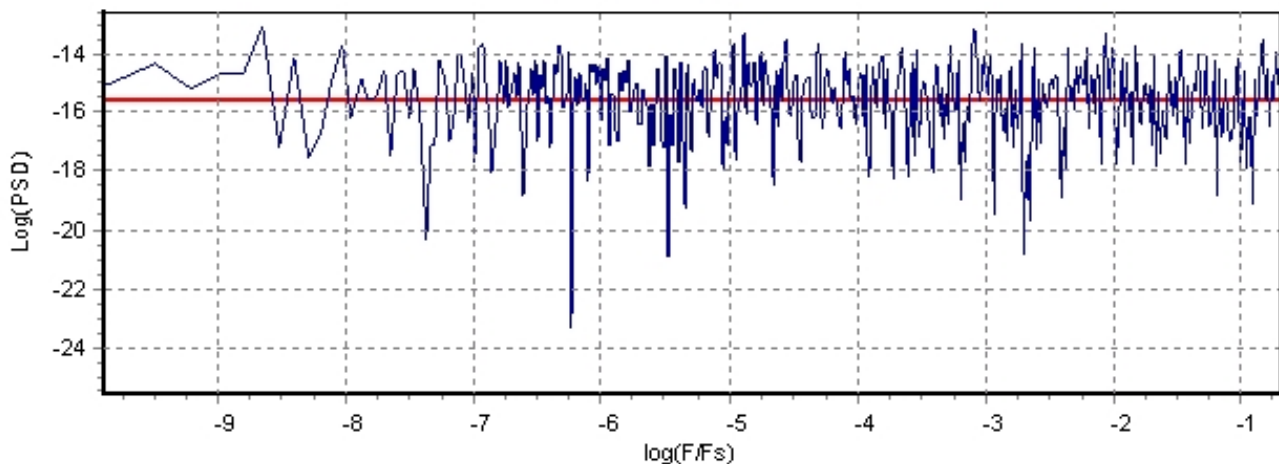


*Produced by AlaVar 5.2*

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 0.656000 seconds  
 The error bars were computed for a : White FM  
 The computation of the Error bars lasted 0 seconds

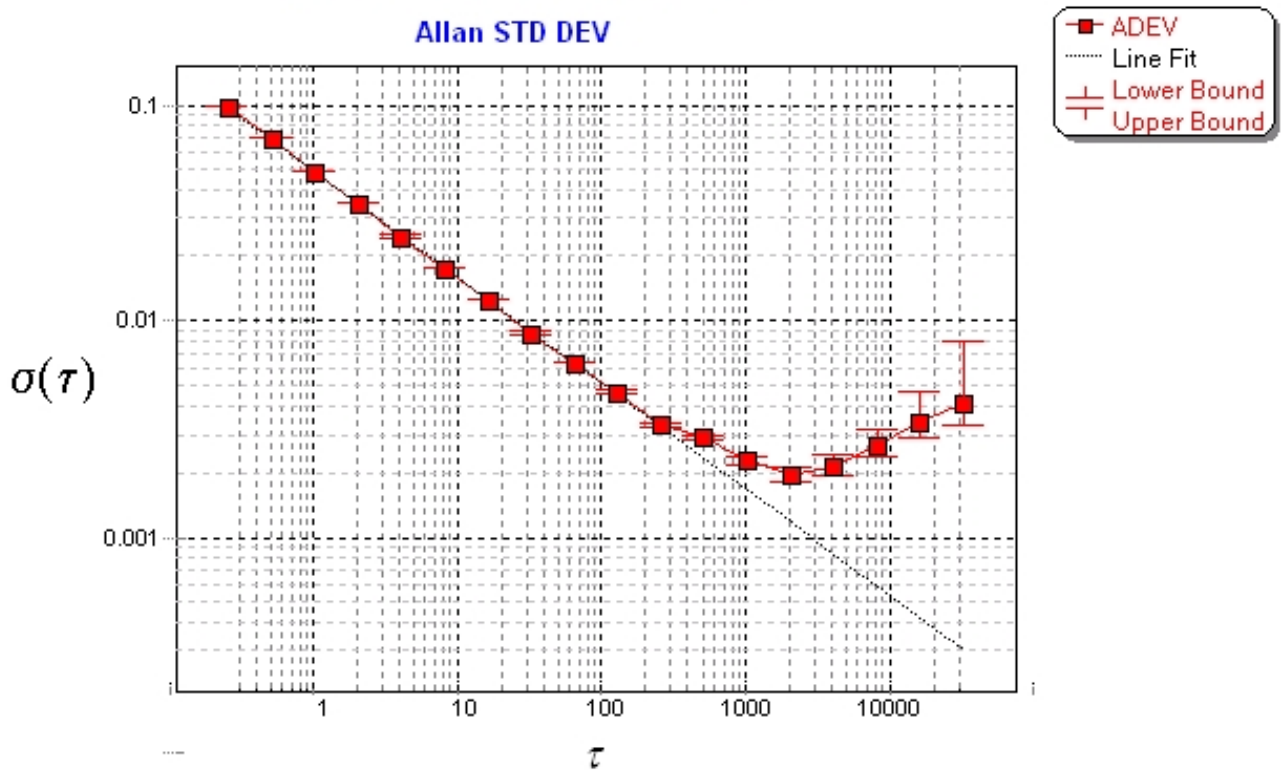
ADEV(tau) was fitted to a line :  
 The Solpe of the line is =-0.490648  
 The fit result is ADEV(tau=1) = Stability =0.0495084

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	0.099135	0.099006	0.099266	0.099135	0.014309	0.099151
0.5	0.070079	0.06998	0.070179	0.055411	0.015996	0.070055
1	0.049619	0.049529	0.049709	0.036161	0.020878	0.049656
2	0.035018	0.034931	0.035106	0.024973	0.028836	0.03498
4	0.024927	0.024839	0.025014	0.017737	0.040962	0.024891
8	0.017706	0.017619	0.017794	0.012553	0.057978	0.017676
16	0.012595	0.012507	0.012684	0.0089174	0.082376	0.012609
32	0.0088408	0.0087545	0.0089297	0.0062536	0.11554	0.008805
64	0.0063755	0.006288	0.0064667	0.0045505	0.16814	0.0063265
128	0.0046376	0.0045484	0.0047323	0.0032976	0.2437	0.0046533
256	0.003337	0.0032472	0.0034347	0.0024876	0.36767	0.0031823
512	0.0028846	0.0027765	0.0030064	0.0022018	0.65087	0.0028183
1024	0.0022679	0.0021502	0.0024074	0.0017164	1.0147	0.0021762
2048	0.0019558	0.0018161	0.0021337	0.0015967	1.888	0.0017194
4096	0.0021328	0.0019247	0.0024272	0.0018322	4.3328	0.0017817
8192	0.0026383	0.0022894	0.0032178	0.0024021	11.361	0.0019362
16384	0.0033841	0.002781	0.0046911	0.0030712	29.052	0.0028886
32768	0.004208	0.0031985	0.0080038	0.0039504	74.735	0.0021716

### Wideband Callisto eC106

Allan STD DEV



Produced by AlaVar 5.2

Figure 3 : Allan Standard Deviation