

# AlaVar generated report

D:\Callisto\AlaVar5\Data\SFLC\_20120411.dat

File 'D:\Callisto\AlaVar5\Data\SFLC\_20120411.dat' created on 11.04.2012 15:58:22

Column # 2 was processed

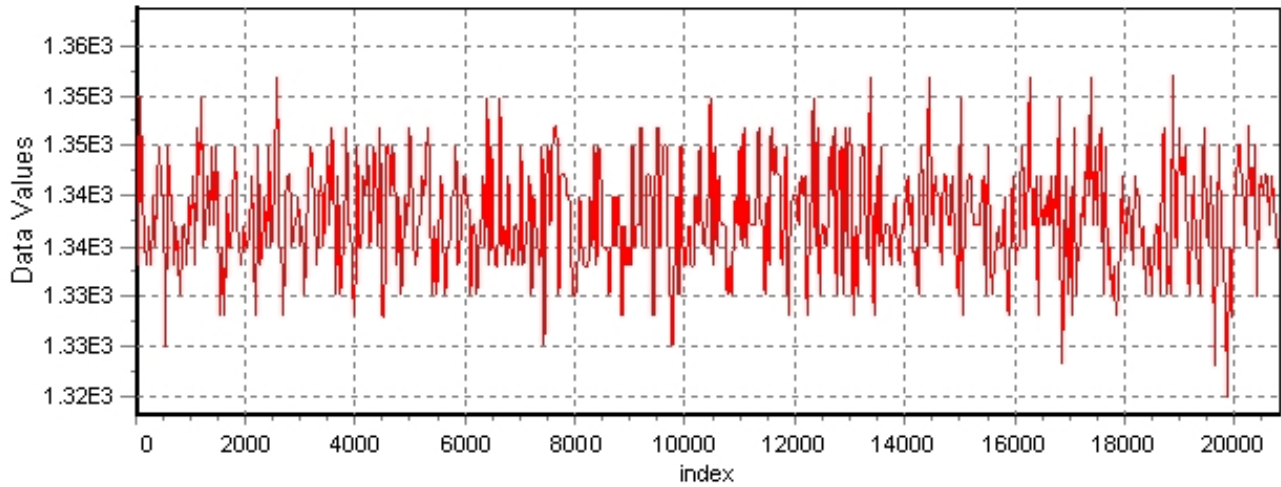
Data length N = 20845 points.

The mean Value of the processed data = 1338.11

The Stanadrd Deviation of the processed data = 5.52987

## AlaVar 5.2

### Data Values

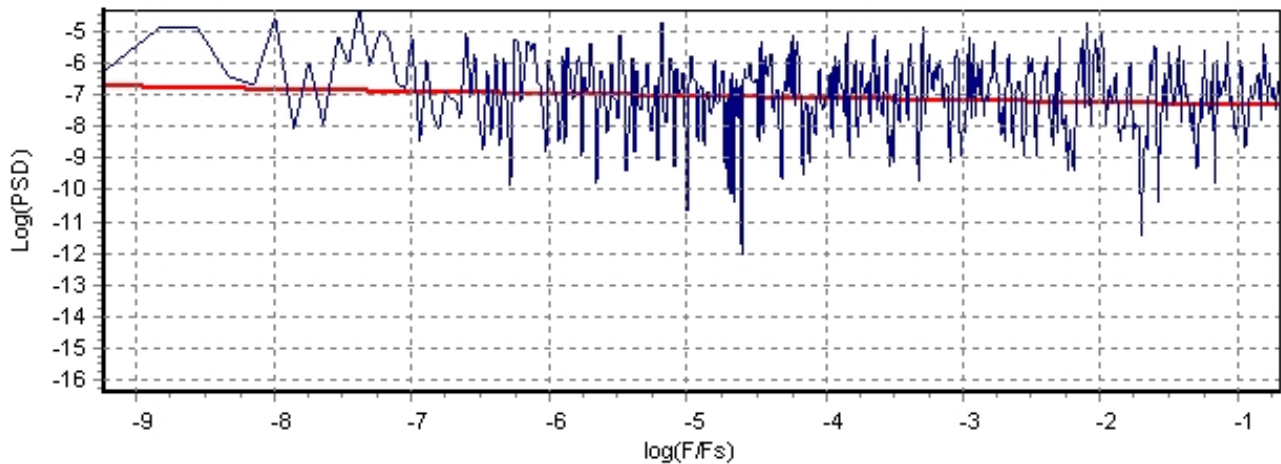


*Produced by AlaVar 5.2*

Figure 1 : Processed Data

## AlaVar 5.2

### PSD of Data



*Produced by AlaVar 5.2*

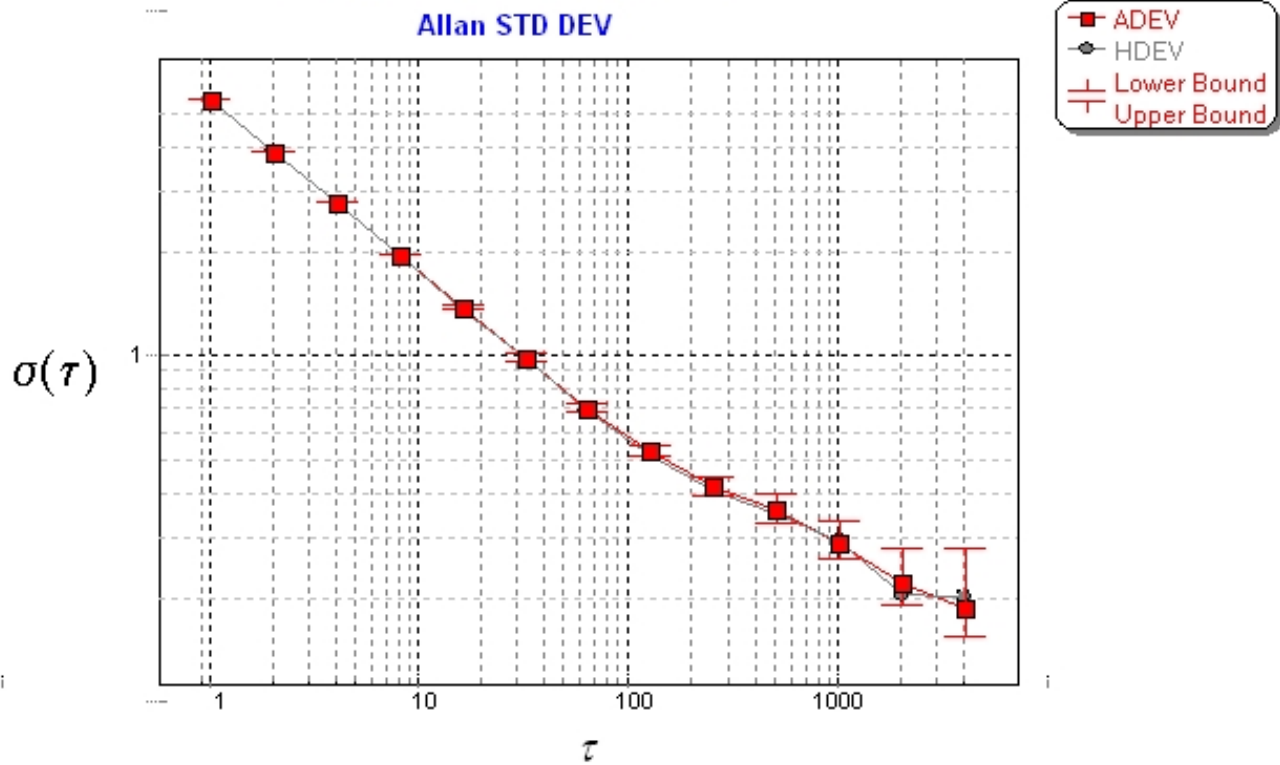
Figure 2 : Data PSD

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

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
1	5.5042	5.4714	5.5375	5.5042	3.1778	5.5062
2	3.9015	3.8765	3.9271	3.0915	3.5698	3.8967
4	2.77	2.7473	2.7934	2.0202	4.6655	2.773
8	1.9503	1.9283	1.9729	1.387	6.4064	1.9516
16	1.3762	1.3546	1.3988	0.97835	9.0376	1.3717
32	0.98792	0.96626	1.0111	0.70255	12.98	0.98961
64	0.70093	0.67948	0.72454	0.50223	18.558	0.694
128	0.52966	0.50714	0.55547	0.39207	28.974	0.51701
256	0.41945	0.3948	0.44937	0.31388	46.392	0.40657
512	0.36233	0.33312	0.40088	0.28754	84.997	0.35057
1024	0.28768	0.2561	0.33482	0.21226	125.49	0.29273
2048	0.21988	0.18724	0.2789	0.16314	192.9	0.20691
4096	0.18619	0.14898	0.28057	0.15368	363.42	0.19943

### callisto ec59 allan time



Produced by AlaVar 5.2

Figure 3 : Allan Standard Deviation