

AlaVar generated report

C:\Data\llec65.dat

File 'C:\Data\llec65.dat' created on 08.05.2013 09:12:22

Column # 1 was processed

Data length N = 11675 points.

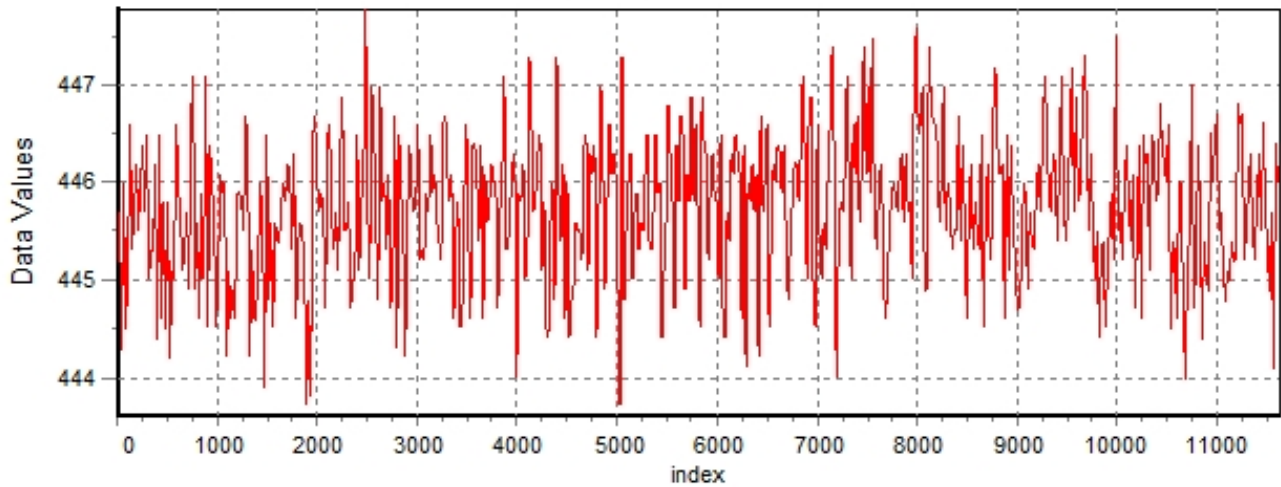
The mean Value of the processed data = 445.716

The Stanadrd Deviation of the processed data = 0.727629

The number of removed outliers is 35

AlaVar 5.2

Data Values

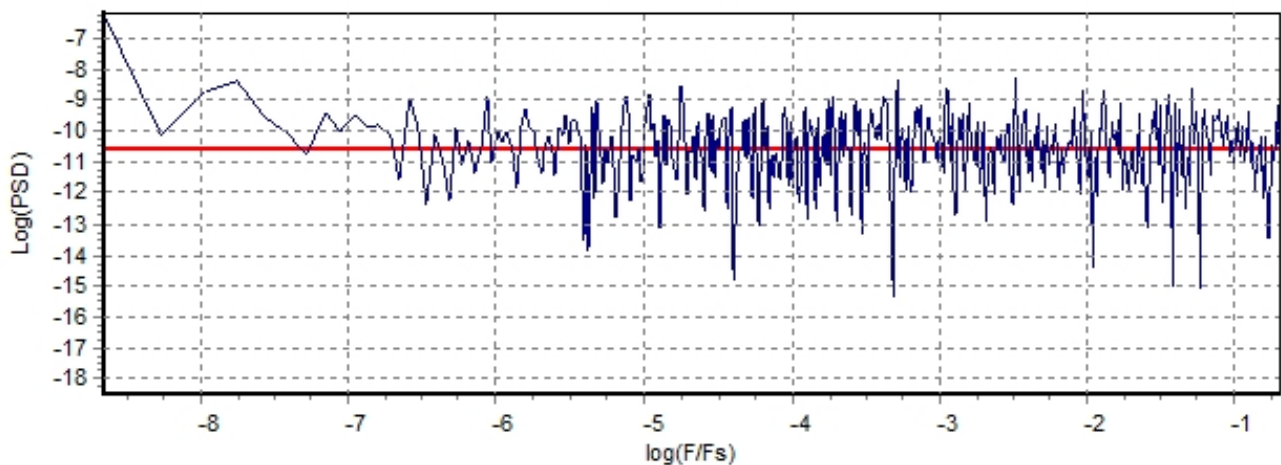


Produced by AlaVar 5.2

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 0.015000 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 =-0.51472
 The fit result is ADEV(tau=1) = Stability =2.38501

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
10	0.70876	0.70313	0.71452	0.70876	4.092	0.70861
20	0.50365	0.49934	0.50808	0.40057	4.6254	0.49889
40	0.36881	0.36477	0.37298	0.26961	6.2263	0.3704
80	0.25607	0.25224	0.26008	0.18311	8.4576	0.25607
160	0.17898	0.17525	0.18295	0.12413	11.466	0.18128
320	0.11914	0.11568	0.12292	0.082469	15.236	0.11859
640	0.085934	0.082465	0.089881	0.060553	22.375	0.086588
1280	0.059589	0.056261	0.063585	0.042032	31.062	0.060072
2560	0.041776	0.038571	0.045939	0.029284	43.282	0.040999
5120	0.03192	0.028582	0.036787	0.024757	73.183	0.028303
10240	0.036328	0.031187	0.045285	0.032162	190.14	0.020985
20480	0.048872	0.039558	0.070886	0.038862	459.5	0.028322

Alan Variance eC65

Allan STD DEV

