

AlaVar generated report

F:\Callisto_Quali\C83biseC86\LC100e.dat

File 'F:\Callisto_Quali\C83biseC86\LC100e.dat' created on 27.10.2014 11:45:22

Column # 1 was processed

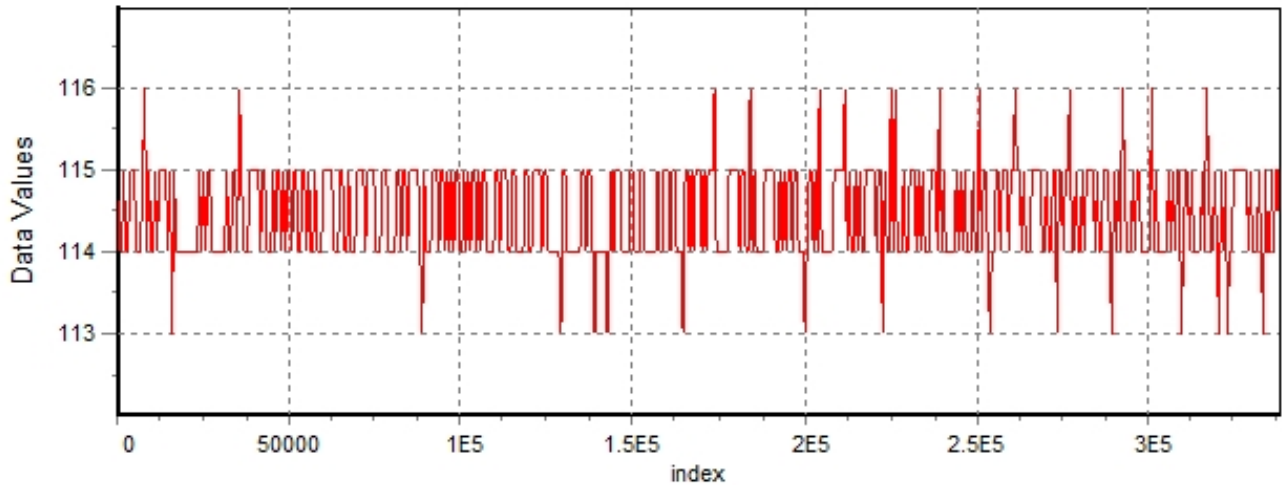
Data length N = 338401 points.

The mean Value of the processed data = 114.444

The Stanadrd Deviation of the processed data = 0.600704

AlaVar 5.2

Data Values

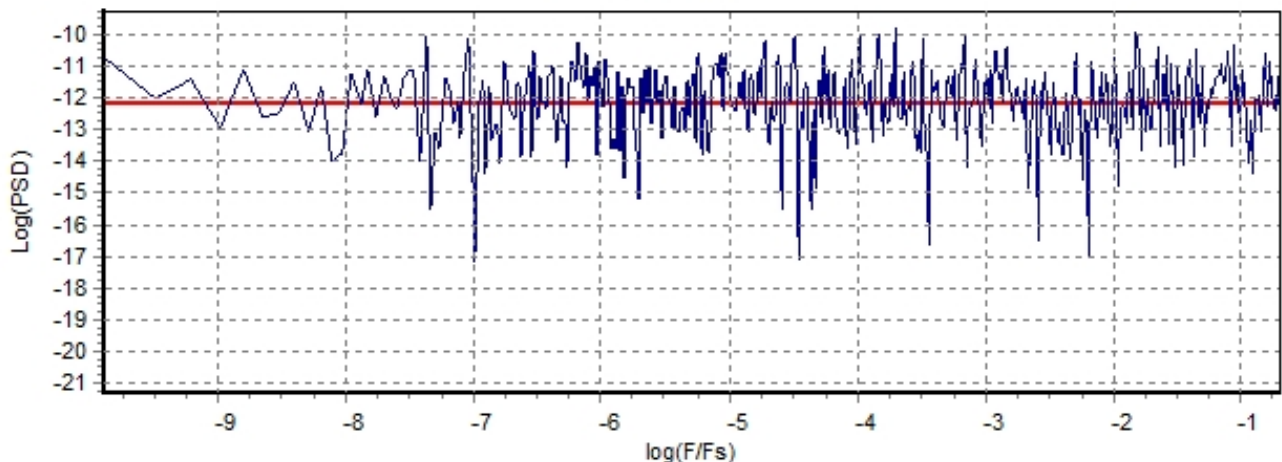


Produced by AlaVar 5.2

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 0.281000 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 =-0.50081
 The fit result is ADEV(tau=1) = Stability =0.300827

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	0.60067	0.59977	0.60156	0.60067	0.086699	0.60079
0.5	0.42461	0.42393	0.42529	0.33571	0.096911	0.4246
1	0.30039	0.29977	0.30101	0.21908	0.12648	0.30036
2	0.21271	0.21211	0.21331	0.15175	0.17522	0.21264
4	0.15042	0.14983	0.15103	0.10651	0.24598	0.15044
8	0.10634	0.10575	0.10694	0.075258	0.3476	0.1064
16	0.074595	0.074009	0.075195	0.052297	0.4831	0.074928
32	0.051948	0.051374	0.052542	0.036774	0.6794	0.051654
64	0.037827	0.03724	0.038443	0.026973	0.99667	0.037705
128	0.027319	0.026725	0.027955	0.019615	1.4496	0.027199
256	0.019427	0.018837	0.020076	0.013582	2.0075	0.019671
512	0.013026	0.012476	0.013656	0.009054	2.6764	0.013137
1024	0.009053	0.0085246	0.0096936	0.0065262	3.8583	0.0088857
2048	0.0069673	0.0064091	0.0077021	0.0049755	5.8831	0.0066675
4096	0.0051381	0.0045775	0.005972	0.0034287	8.1082	0.0048808
8192	0.0035896	0.0030601	0.0045423	0.0028228	13.351	0.0034541
16384	0.0032286	0.0025874	0.0048391	0.0024988	23.637	0.0032466

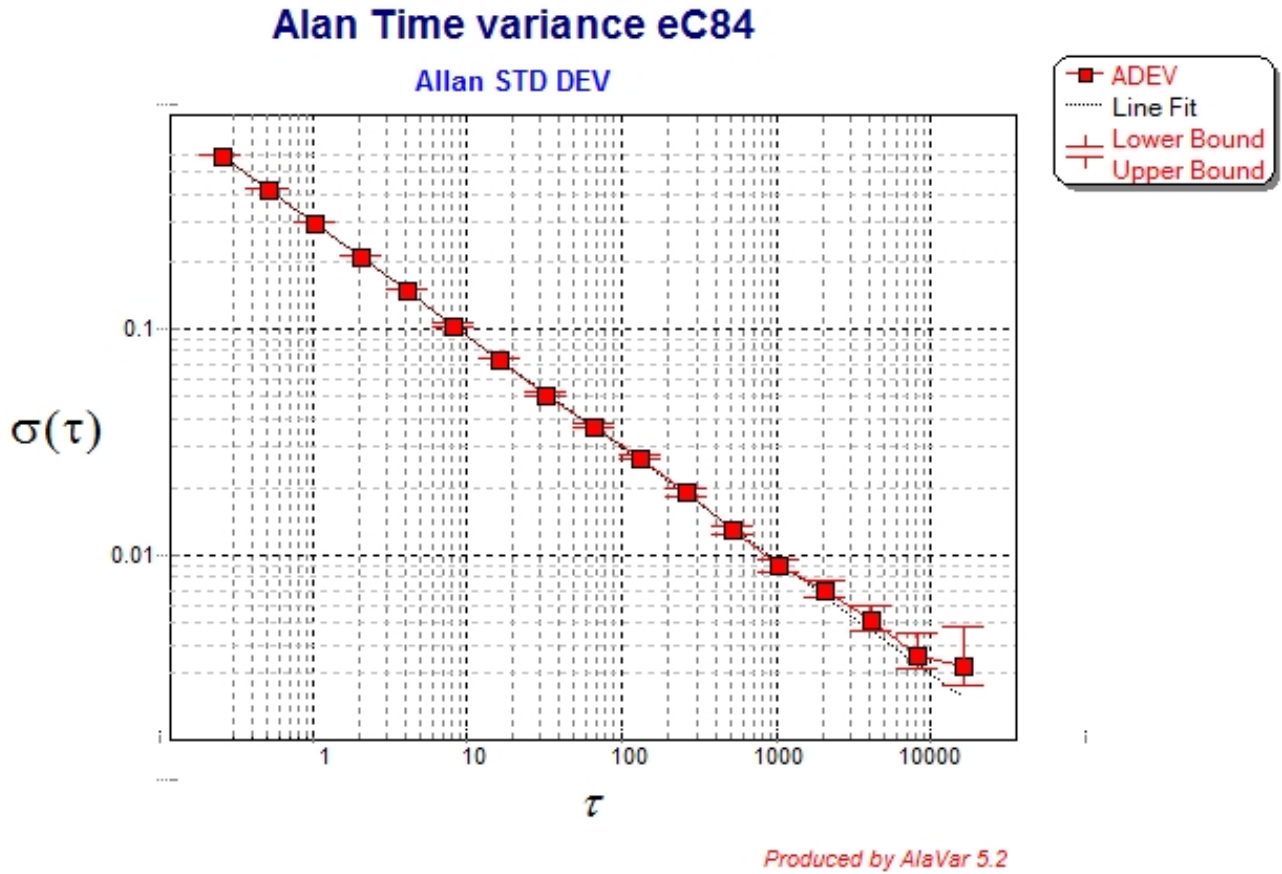


Figure 3 : Allan Standard Deviation