AlaVar generated report

E:\callisto\Test\AllanVariance\LNA5000\dataentlogb.prn

File 'E:\callisto\Test\AllanVariance\LNA5000\dataentlogb.prn' created on 25.05.2004 08:57:14
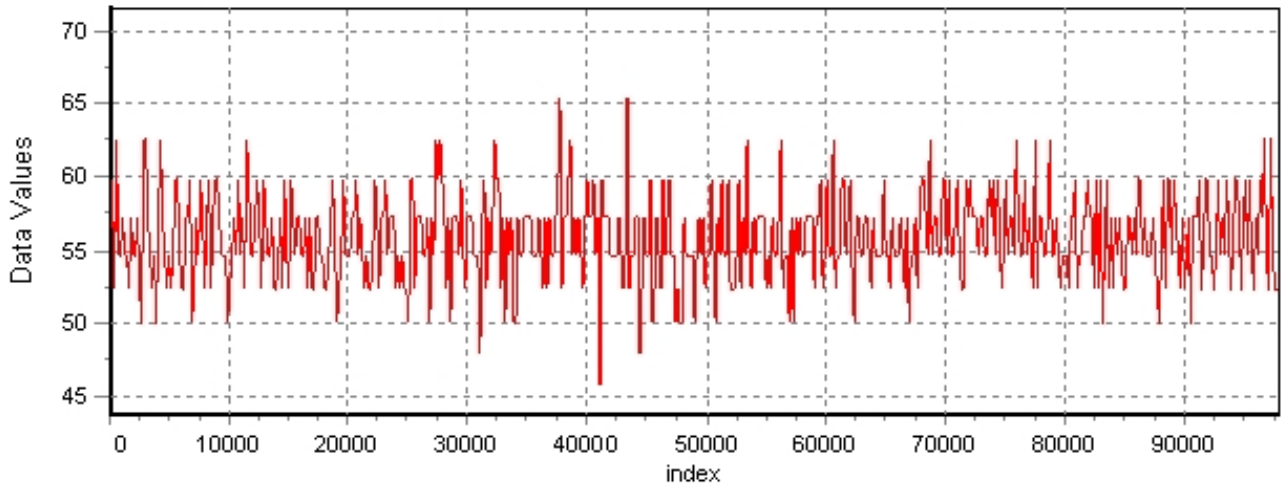Column # 1 was processed
Data length N = 98000 points.
    The mean Value of the processed data = 55.8555
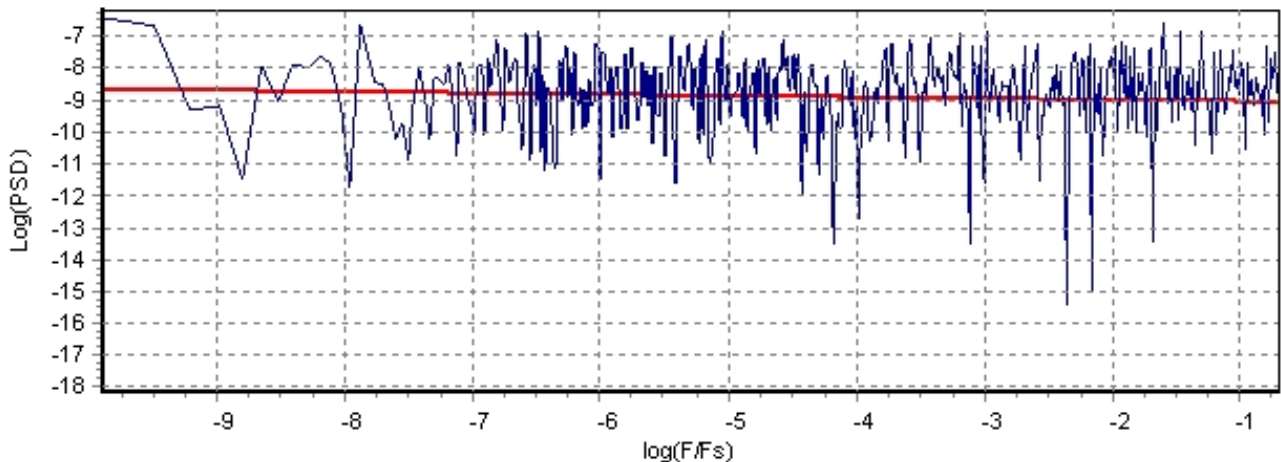   The Stanadrd Deviation of the processed data = 3.10476

Figure 1 : Processed Data

Figure 2 : Data PSD

The computation of the 3 ALLAN STD DEVs lasted 0.300000 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 =-0.496776
  The fit result is ADEV(tau=1) = Stability =3.09302

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.

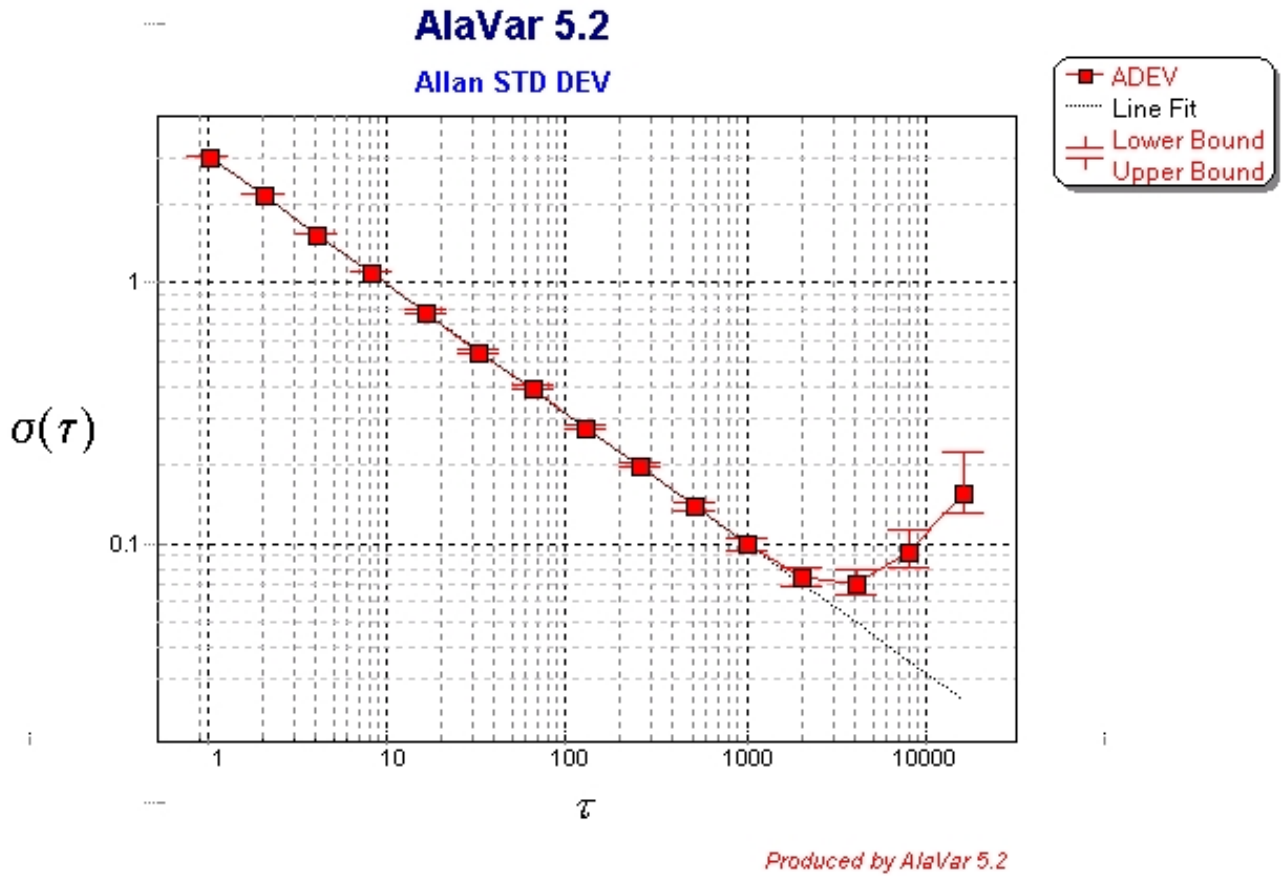| Tau	ADEV	ADEV_Min	ADEV_Max	MDEV	TDEV	HDEV
1	3.0861	3.0776	3.0946	3.0861	1.7817	3.0828
2	2.1931	2.1866	2.1997	1.7348	2.0031	2.1943
4	1.5494	1.5435	1.5553	1.1322	2.6147	1.5464
8	1.1056	1.0998	1.1115	0.79067	3.652	1.1053
16	0.78118	0.77546	0.78703	0.55219	5.1009	0.78282
32	0.54703	0.5414	0.55283	0.38757	7.1605	0.54387
64	0.3963	0.39057	0.40229	0.28149	10.401	0.3969
128	0.27927	0.27361	0.28529	0.19802	14.634	0.27973
256	0.19684	0.19127	0.20293	0.14018	20.718	0.19652
512	0.13841	0.13296	0.1446	0.096123	28.414	0.13916
1024	0.099035	0.093635	0.10549	0.072241	42.709	0.097595
2048	0.073826	0.068292	0.080965	0.054788	64.782	0.070383
4096	0.069515	0.062407	0.079773	0.057811	136.71	0.053531
8192	0.09164	0.078955	0.11339	0.08687	410.86	0.053227
16384	0.15449	0.12568	0.22057	0.1595	1508.8	0.12528

Figure 3 : Allan Standard Deviation