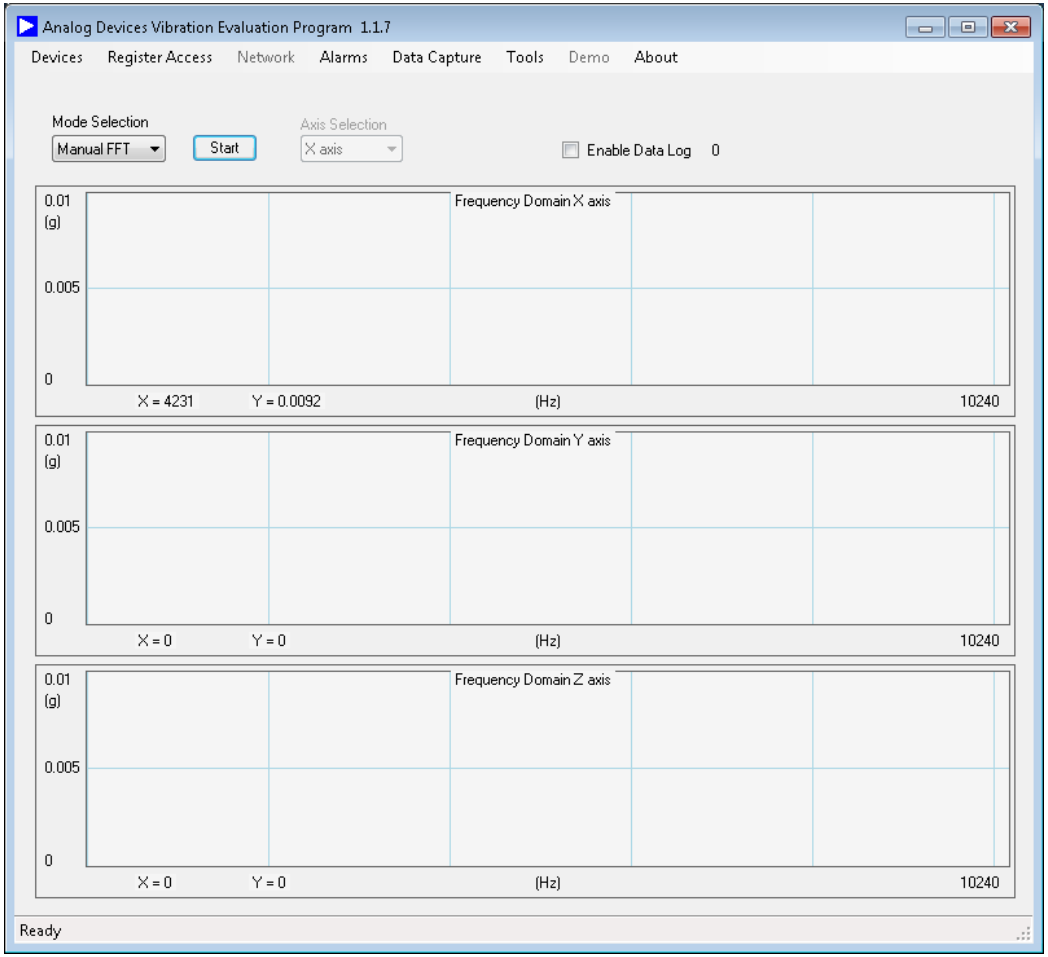
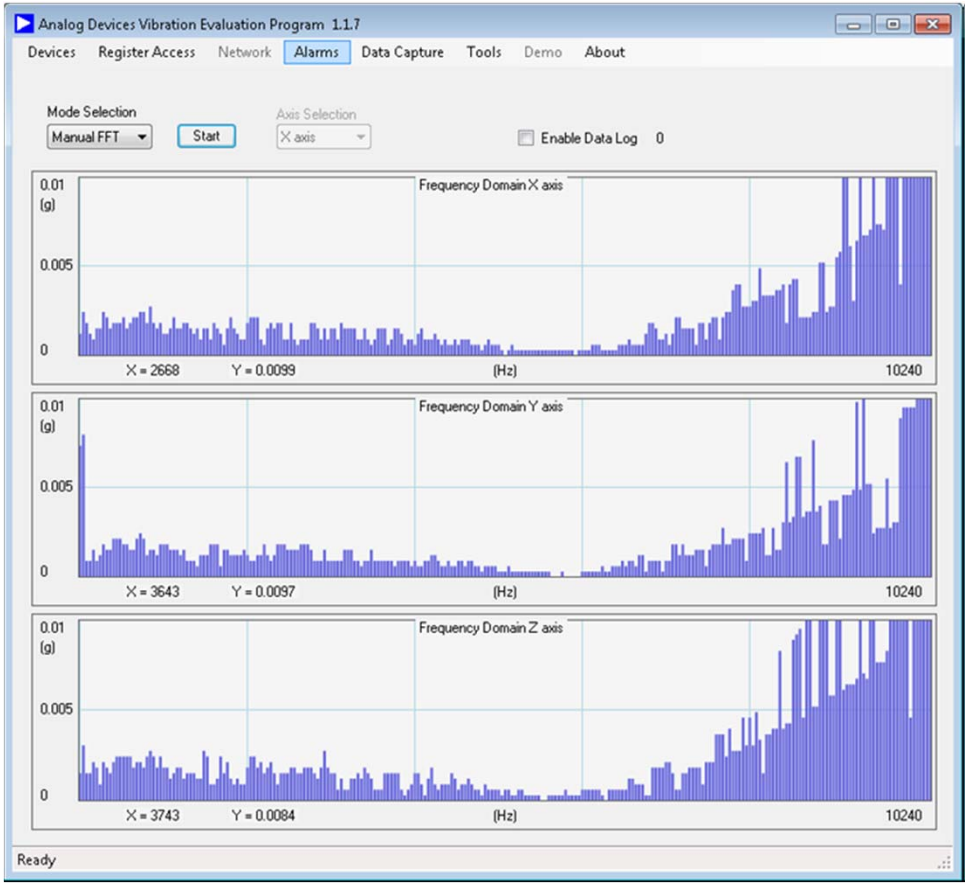
Problem Report Summary

- VEP, v1.1.7
- Device = ADIS16228
- The **Alarm Status Form** does not appear to detect Alarm conditions properly
- See Following slides for summary of observation

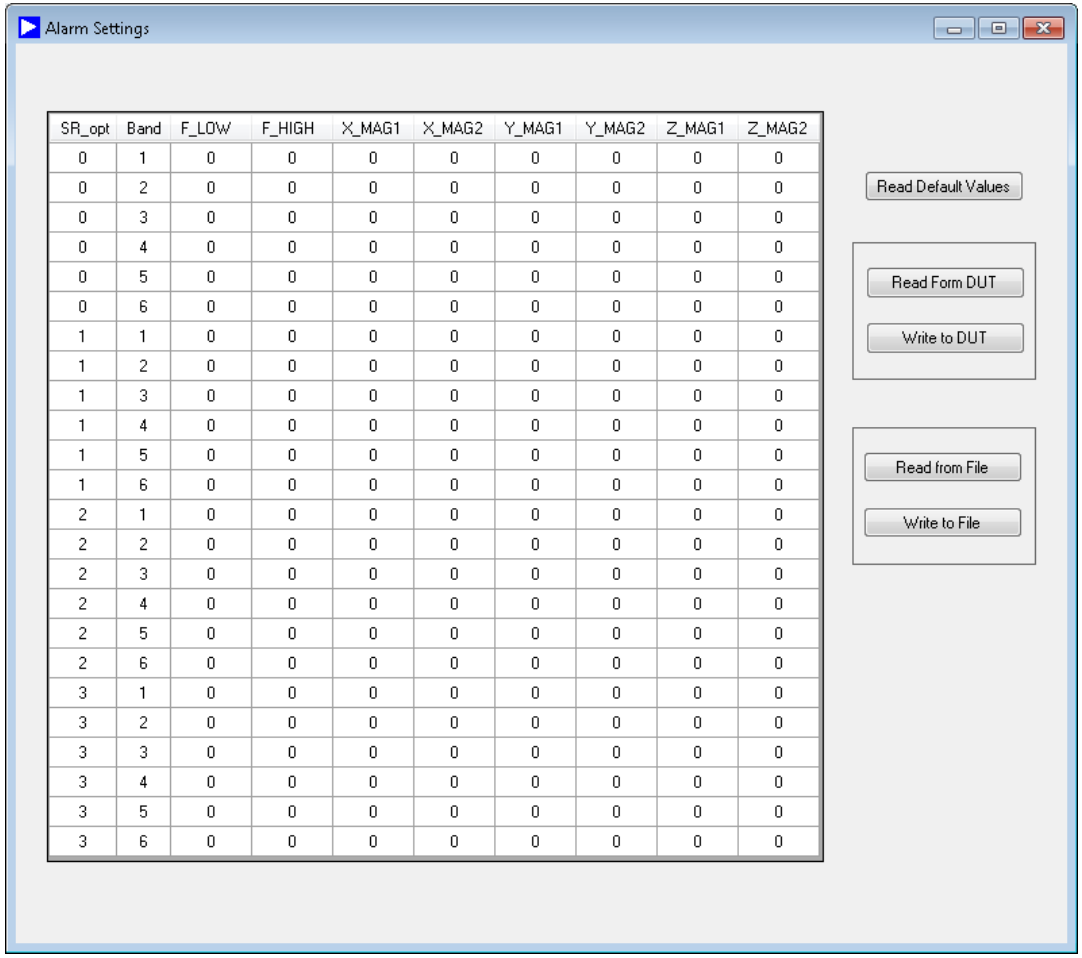
Step #1 – Start the software



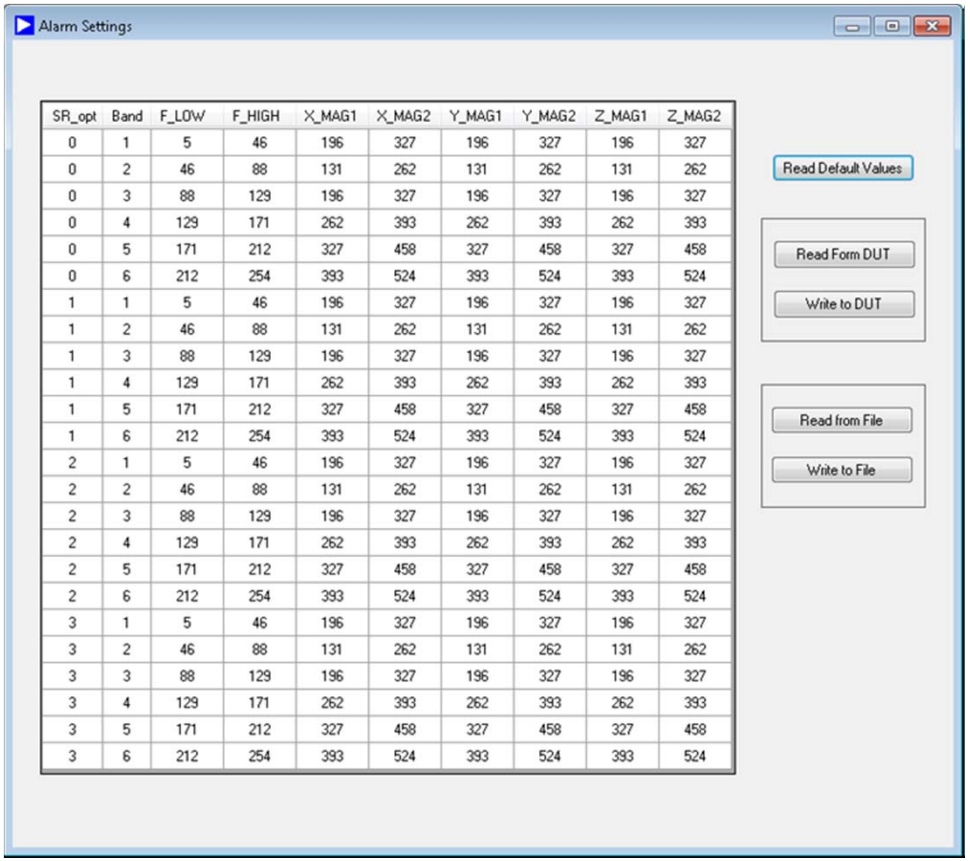
Step #2 – Press **Start** to run a Manual FFT capture, analysis and waveform update



Step #3 – Press **Alarms > Alarm Settings** to access the window to set the alarm levels

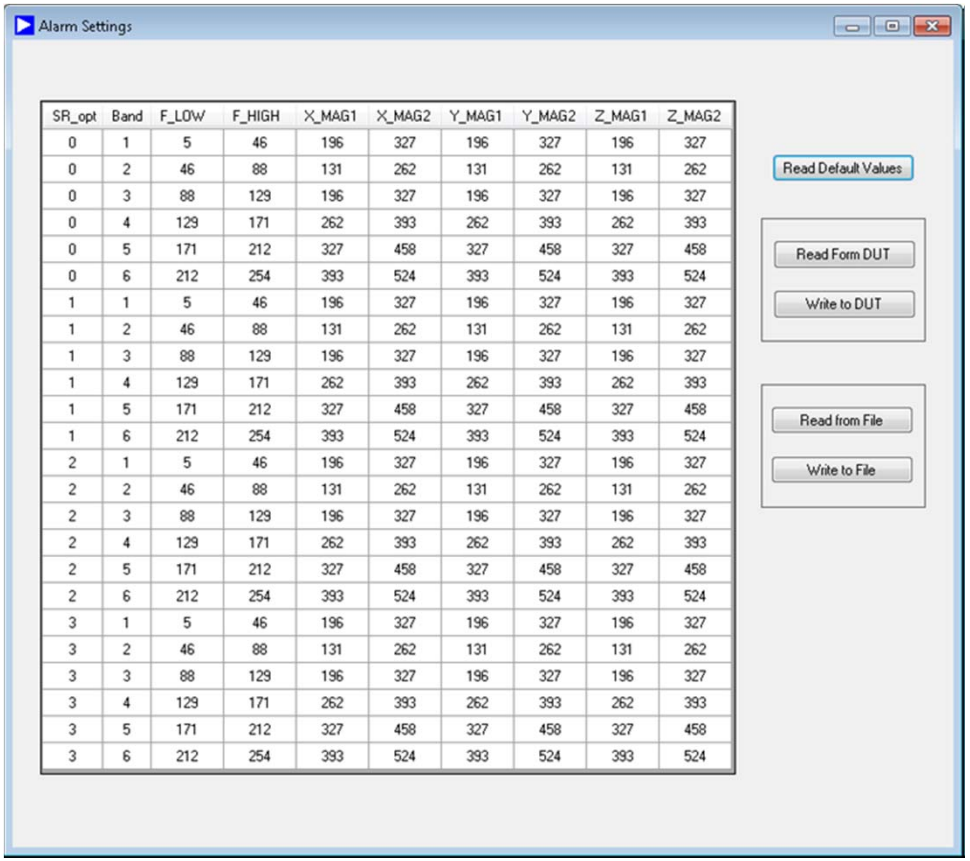


Step #4 – Press **Read Default Values**



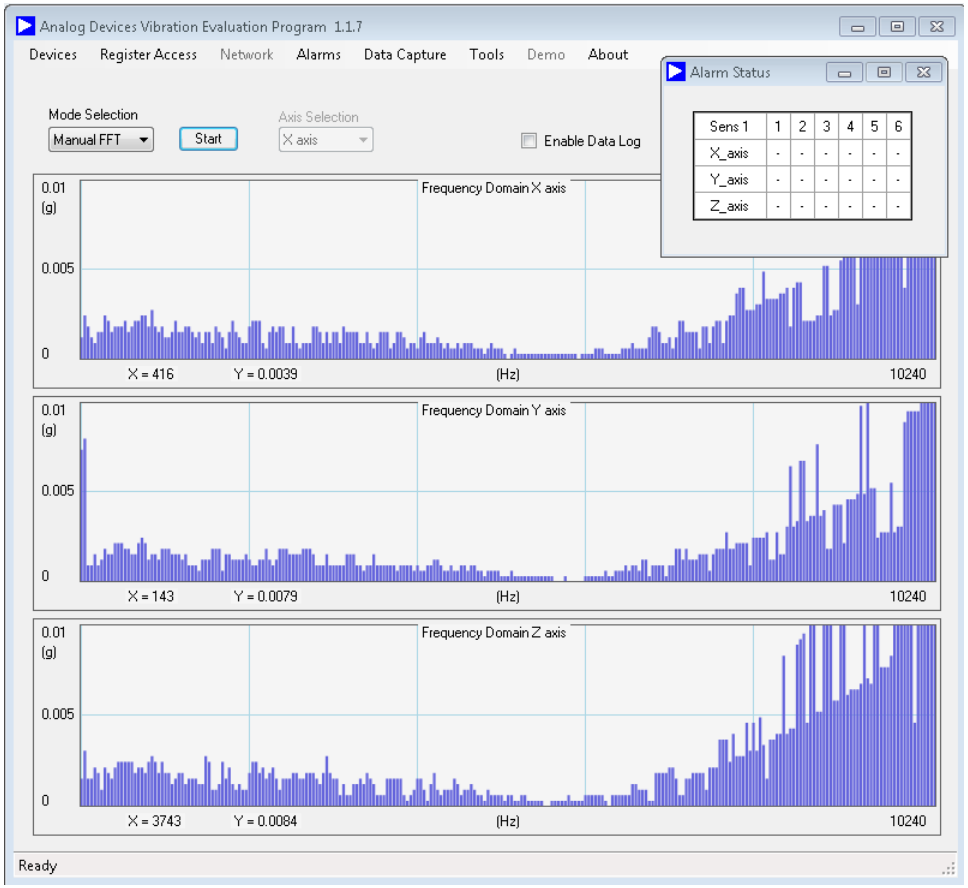
SR_opt	Band	F_LOW	F_HIGH	X_MAG1	X_MAG2	Y_MAG1	Y_MAG2	Z_MAG1	Z_MAG2
0	1	5	46	196	327	196	327	196	327
0	2	46	88	131	262	131	262	131	262
0	3	88	129	196	327	196	327	196	327
0	4	129	171	262	393	262	393	262	393
0	5	171	212	327	458	327	458	327	458
0	6	212	254	393	524	393	524	393	524
1	1	5	46	196	327	196	327	196	327
1	2	46	88	131	262	131	262	131	262
1	3	88	129	196	327	196	327	196	327
1	4	129	171	262	393	262	393	262	393
1	5	171	212	327	458	327	458	327	458
1	6	212	254	393	524	393	524	393	524
2	1	5	46	196	327	196	327	196	327
2	2	46	88	131	262	131	262	131	262
2	3	88	129	196	327	196	327	196	327
2	4	129	171	262	393	262	393	262	393
2	5	171	212	327	458	327	458	327	458
2	6	212	254	393	524	393	524	393	524
3	1	5	46	196	327	196	327	196	327
3	2	46	88	131	262	131	262	131	262
3	3	88	129	196	327	196	327	196	327
3	4	129	171	262	393	262	393	262	393
3	5	171	212	327	458	327	458	327	458
3	6	212	254	393	524	393	524	393	524

Step #5 – Press **Write to DUT**, then exit **Alarm Settings**

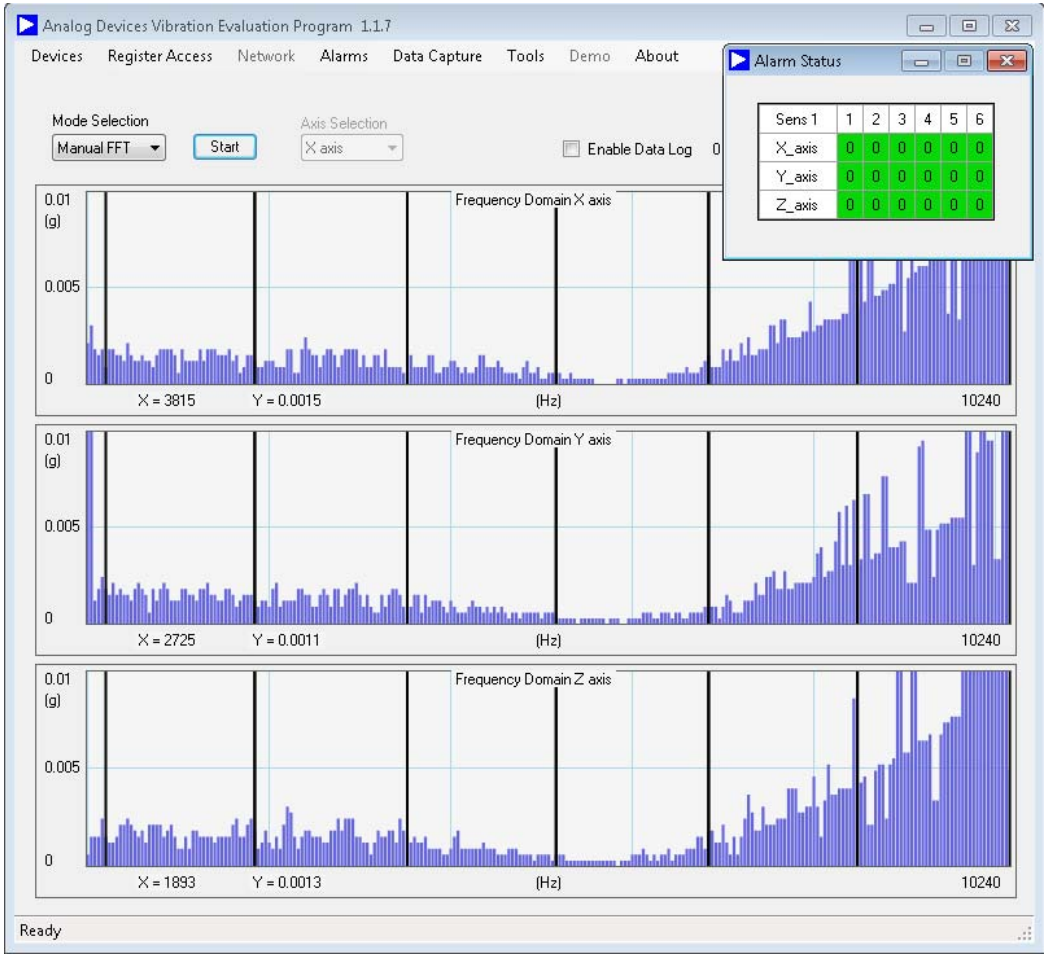


SR_opt	Band	F_LOW	F_HIGH	X_MAG1	X_MAG2	Y_MAG1	Y_MAG2	Z_MAG1	Z_MAG2
0	1	5	46	196	327	196	327	196	327
0	2	46	88	131	262	131	262	131	262
0	3	88	129	196	327	196	327	196	327
0	4	129	171	262	393	262	393	262	393
0	5	171	212	327	458	327	458	327	458
0	6	212	254	393	524	393	524	393	524
1	1	5	46	196	327	196	327	196	327
1	2	46	88	131	262	131	262	131	262
1	3	88	129	196	327	196	327	196	327
1	4	129	171	262	393	262	393	262	393
1	5	171	212	327	458	327	458	327	458
1	6	212	254	393	524	393	524	393	524
2	1	5	46	196	327	196	327	196	327
2	2	46	88	131	262	131	262	131	262
2	3	88	129	196	327	196	327	196	327
2	4	129	171	262	393	262	393	262	393
2	5	171	212	327	458	327	458	327	458
2	6	212	254	393	524	393	524	393	524
3	1	5	46	196	327	196	327	196	327
3	2	46	88	131	262	131	262	131	262
3	3	88	129	196	327	196	327	196	327
3	4	129	171	262	393	262	393	262	393
3	5	171	212	327	458	327	458	327	458
3	6	212	254	393	524	393	524	393	524

Step #6 – Press **Alarms > Alarm Settings**

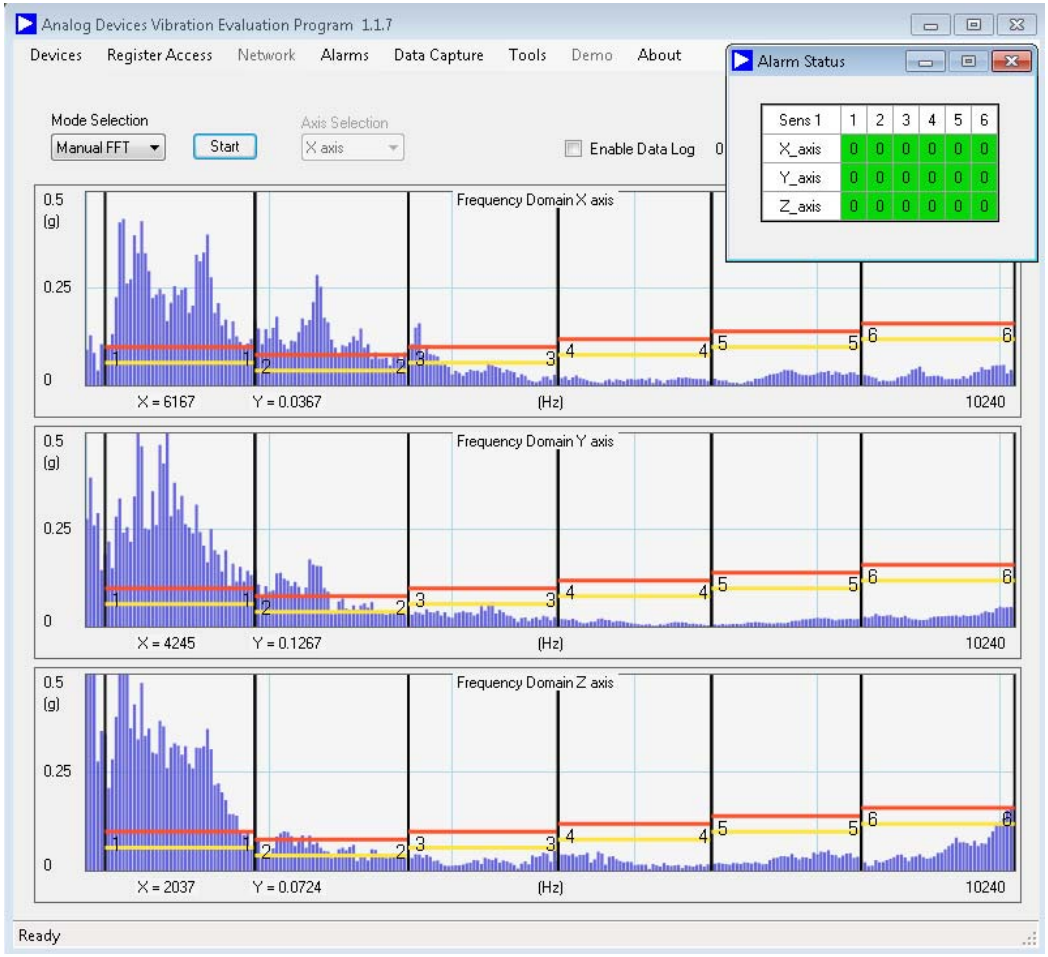


Step #7 – Press > **Start** to run a Manual FFT



Step #8 – Change vertical scale in **Waveform displays**

Step #9 – While shaking device, press > **Start** to run another **Manual FFT**



Would have expected the Alarm Status form to have red and yellow boxes to mark the Alarm conditions.