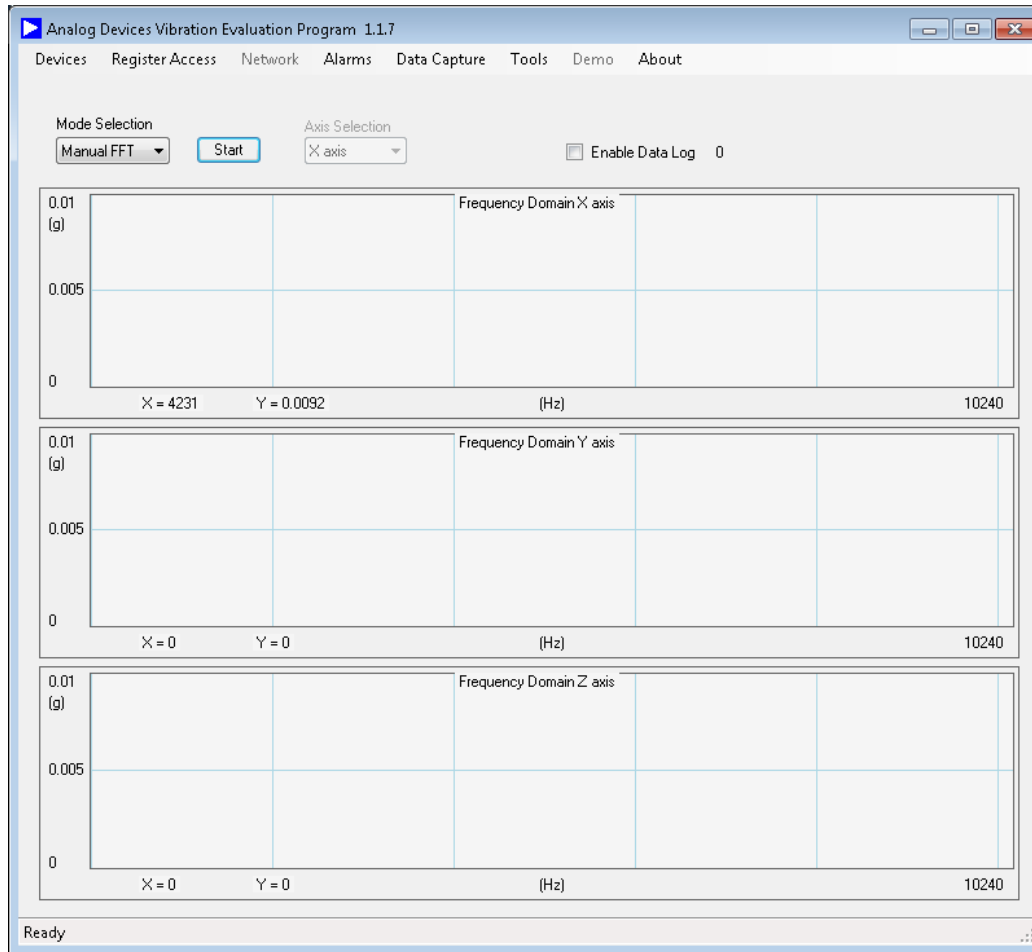


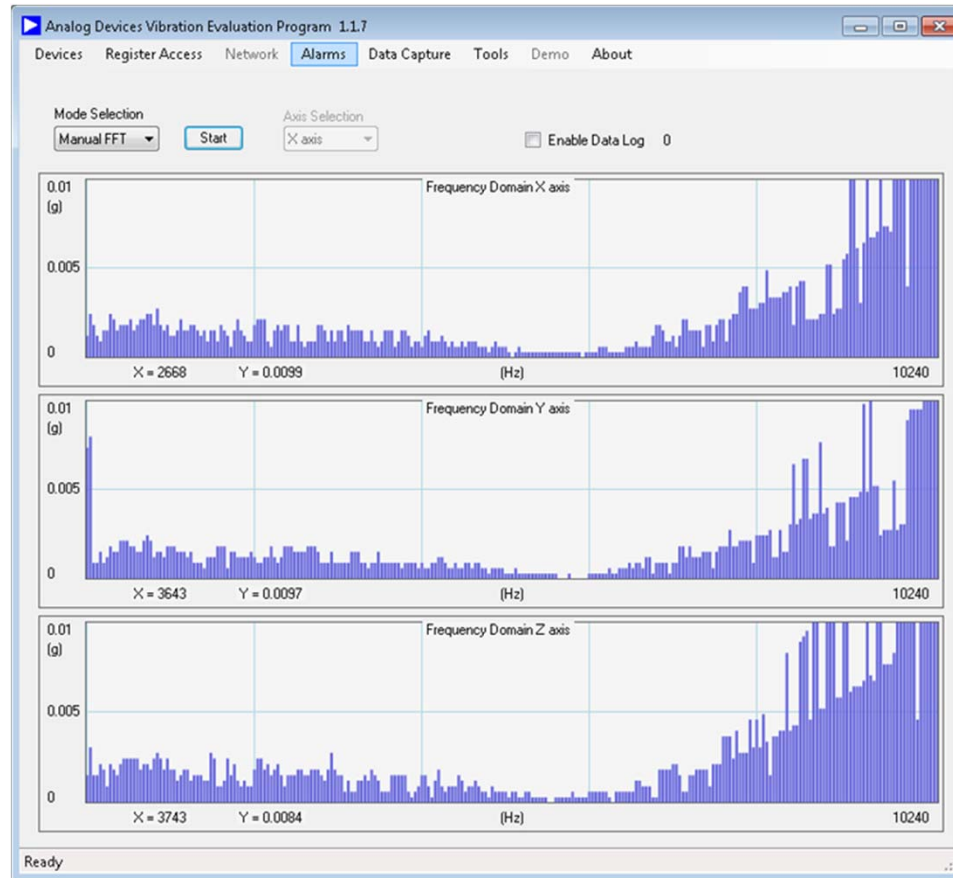
Problem Report Summary

- 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

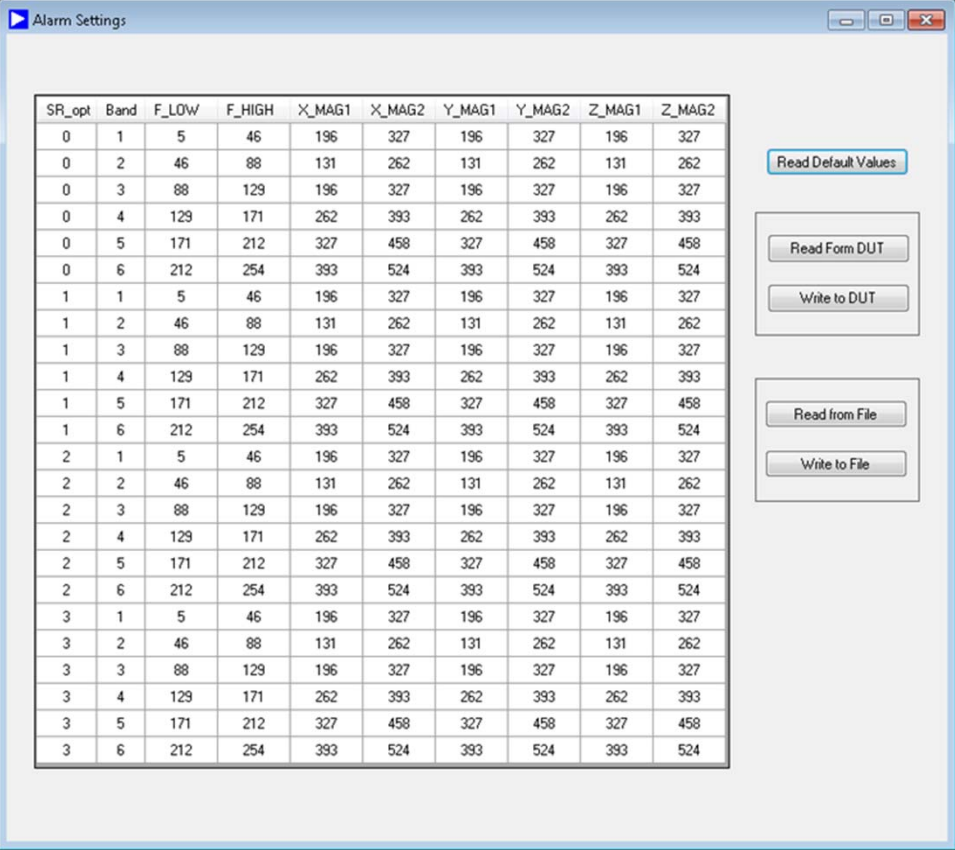
Step #1 – Start the software



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



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



The screenshot shows a software window titled "Alarm Settings". It contains a table with 10 columns: SR_opt, Band, F_LOW, F_HIGH, X_MAG1, X_MAG2, Y_MAG1, Y_MAG2, Z_MAG1, and Z_MAG2. The table lists 30 rows of data. To the right of the table are two groups of buttons. The first group contains "Read Default Values", "Read Form DUT", and "Write to DUT". The second group contains "Read from File" and "Write to File".

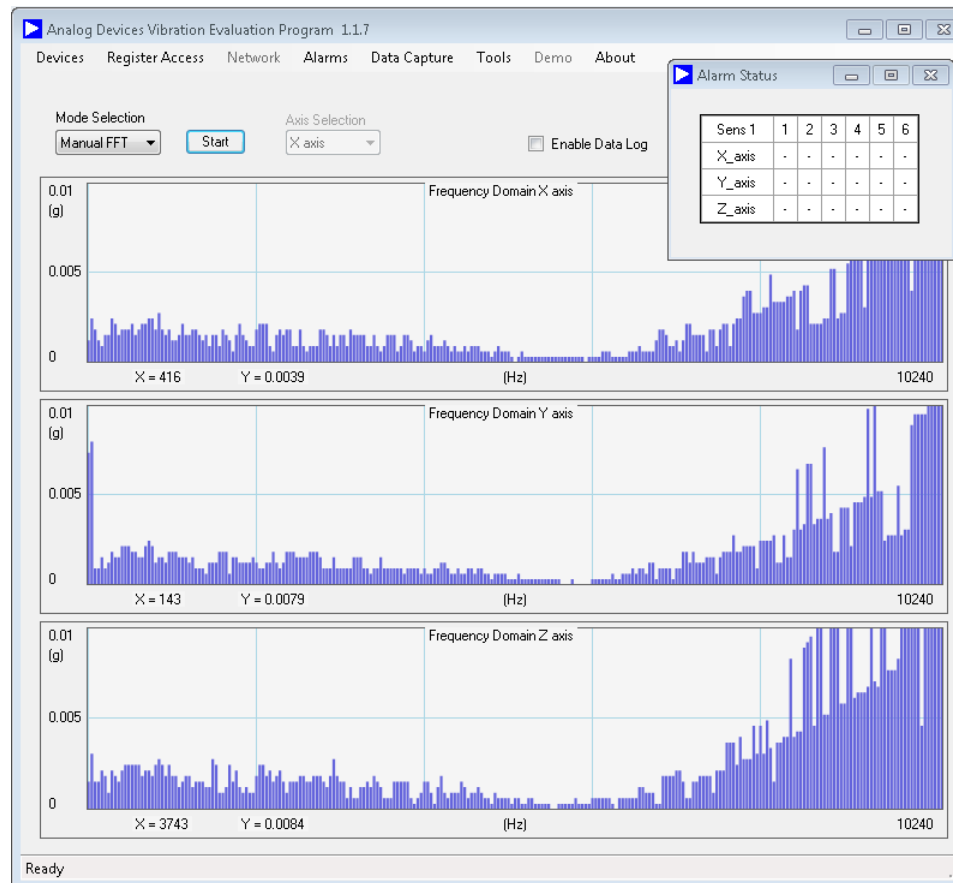
SR_opt	Band	F_LOW	F_HIGH	X_MAG1	X_MAG2	Y_MAG1	Y_MAG2	Z_MAG1	Z_MAG2
0	1	5	46	196	327	196	327	196	327
0	2	46	88	131	262	131	262	131	262
0	3	88	129	196	327	196	327	196	327
0	4	129	171	262	393	262	393	262	393
0	5	171	212	327	458	327	458	327	458
0	6	212	254	393	524	393	524	393	524
1	1	5	46	196	327	196	327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

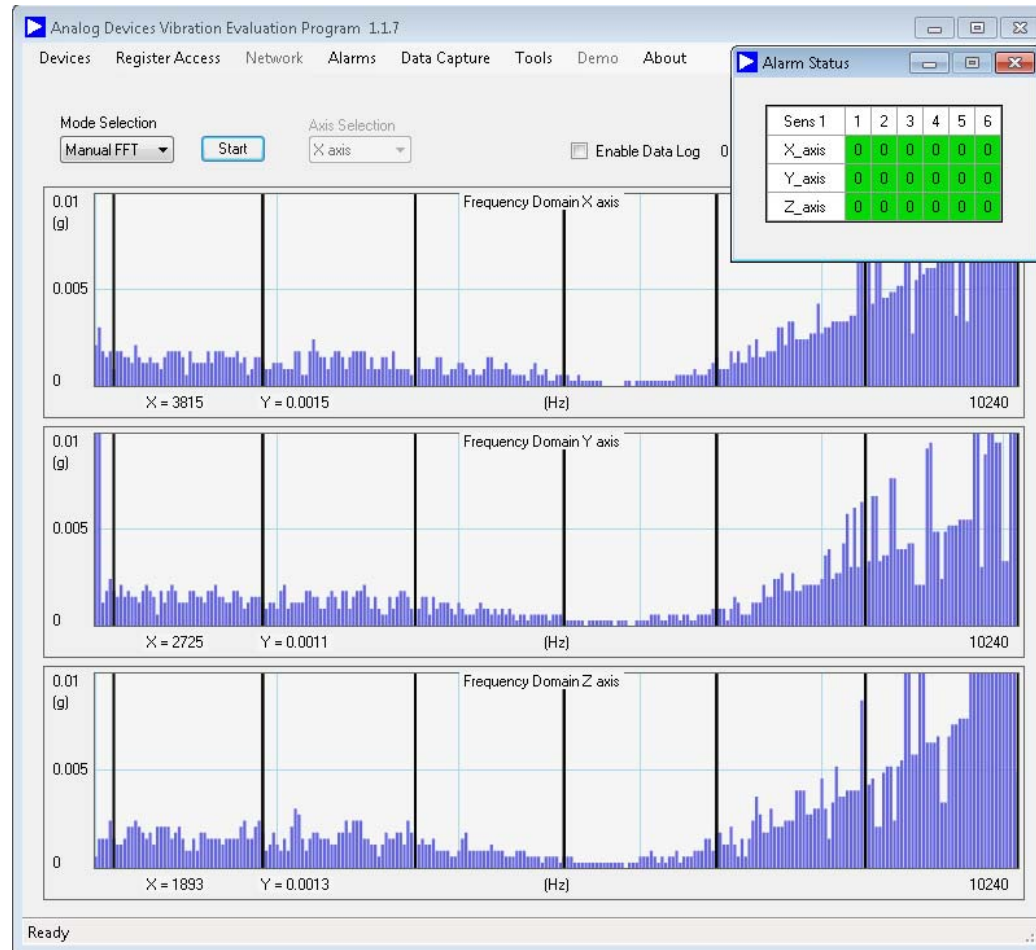
The screenshot shows a window titled "Alarm Settings" with a table of parameters and several control buttons. The table has 10 columns: SR_opt, Band, F_LOW, F_HIGH, X_MAG1, X_MAG2, Y_MAG1, Y_MAG2, Z_MAG1, and Z_MAG2. The data is organized into groups by SR_opt values (0, 1, 2, 3). To the right of the table are two groups of buttons. The first group contains "Read Default Values", "Read Form DUT", and "Write to DUT". The second group contains "Read from File" and "Write to File".

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

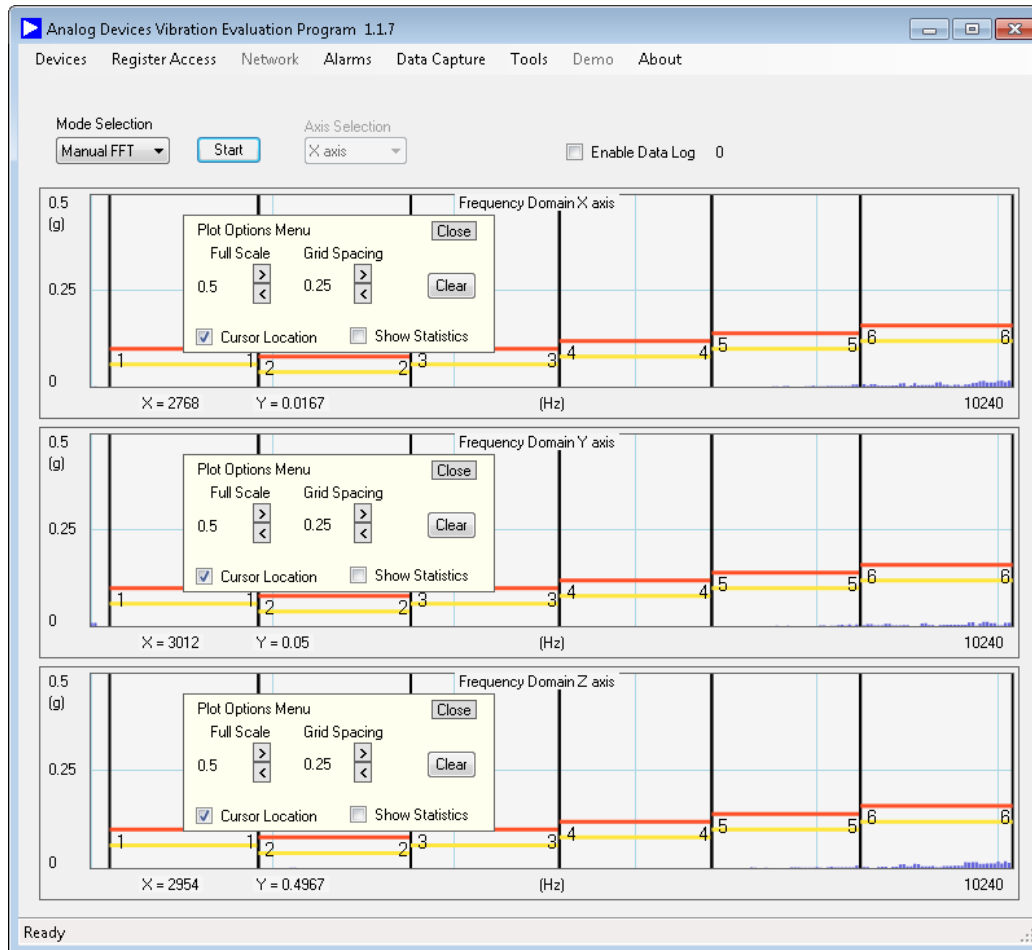
Step #6 – Press **Alarms > Alarm Settings**



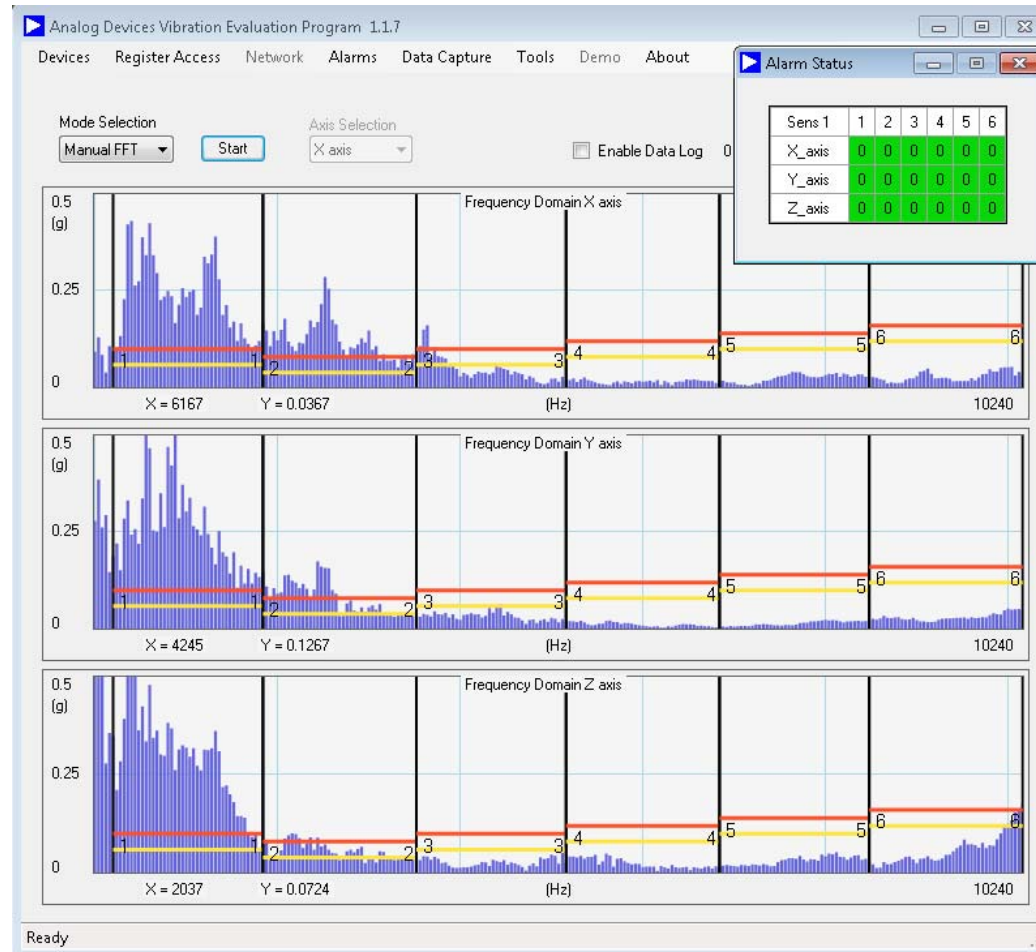
Step #7 – Press > **Start** to run a Manual FFT



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.