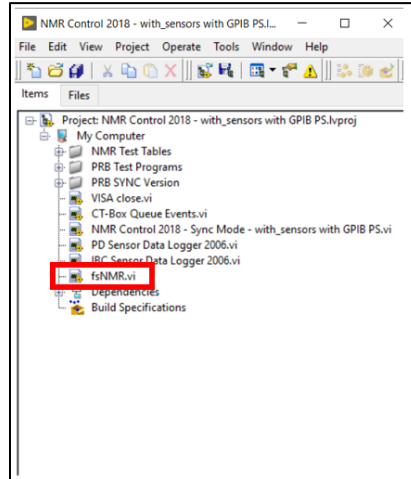
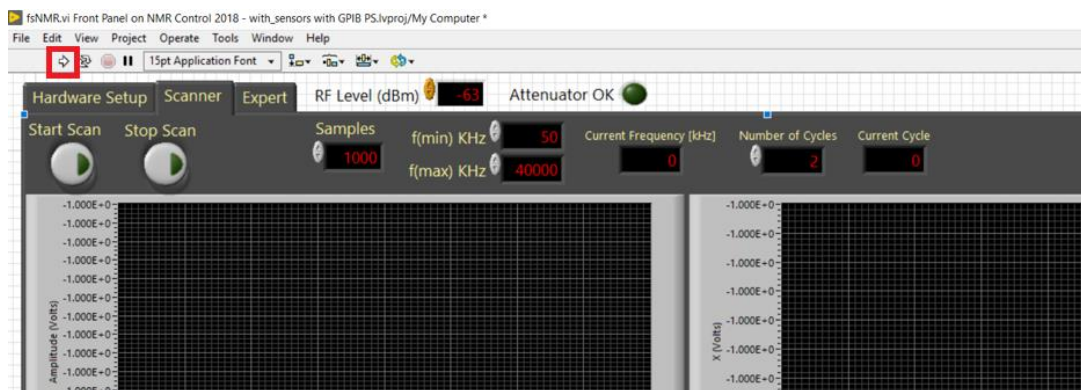


fsNMR Procedure – Stage 2

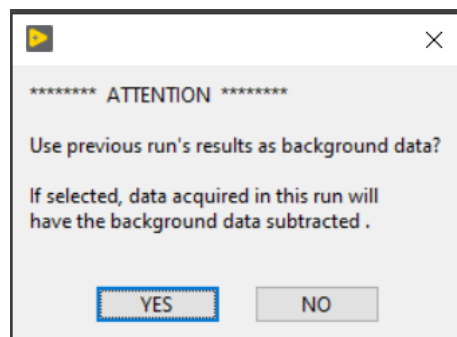
1. Open appropriate LabVIEW project from hdice user Desktop.
2. Open fsNMR.vi from project



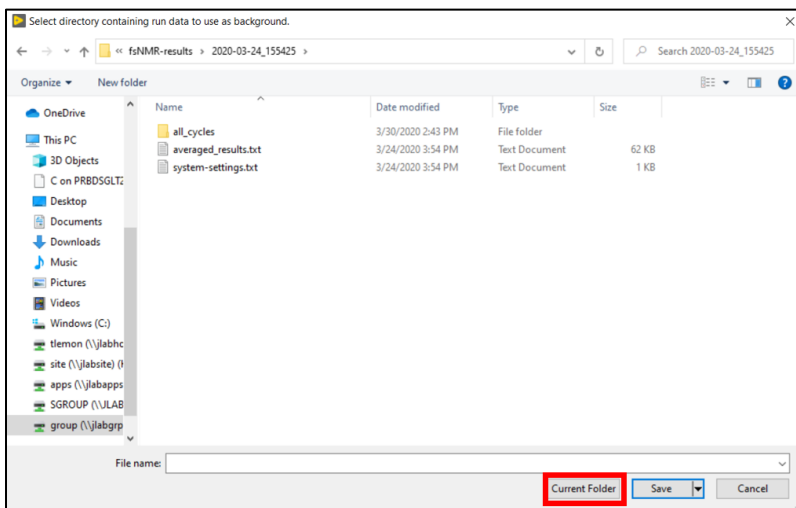
3. Click run arrow at top left of program



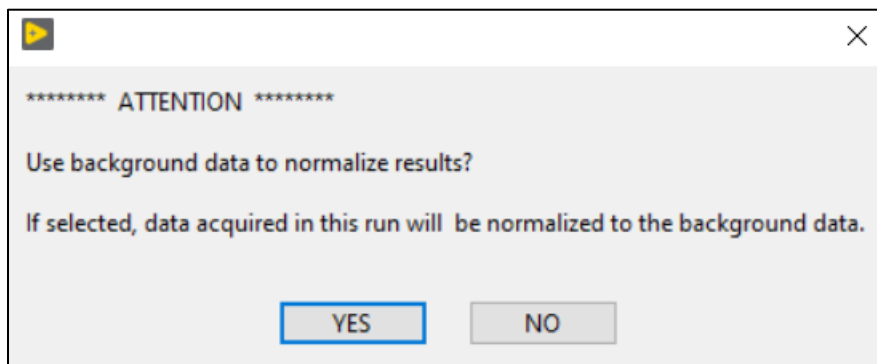
4. Select whether to use previous run's results as background data.
 - a. If YES continue to step 5.
 - b. If NO skip to step 8



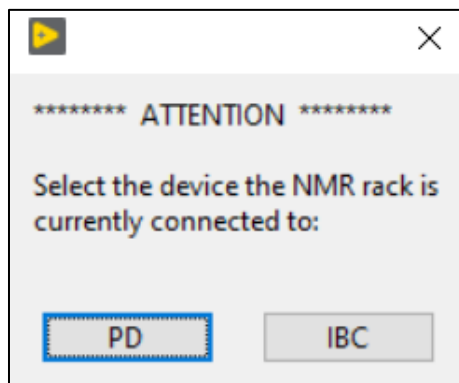
5. Use file browser that opens to select directory containing run results to use as background data.
6. Select "Current Folder" once you are in folder containing results to use as background data.



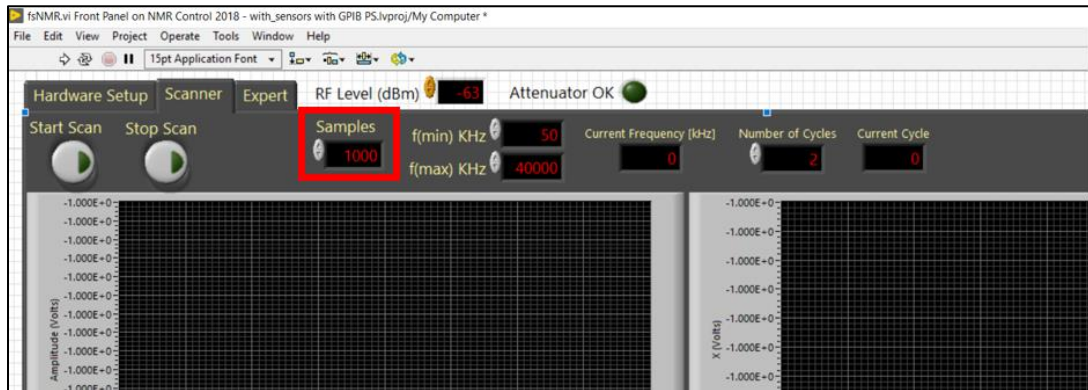
7. Select whether to normalize any new data to background data.



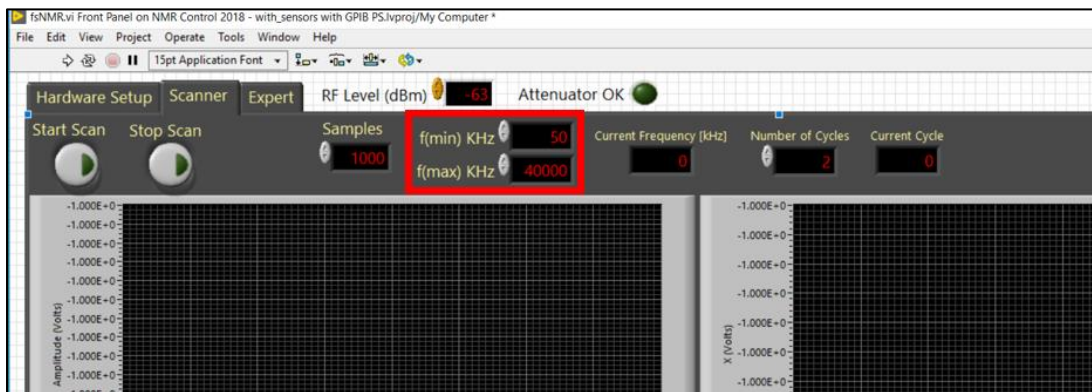
8. Select device NMR rack is currently connected to.



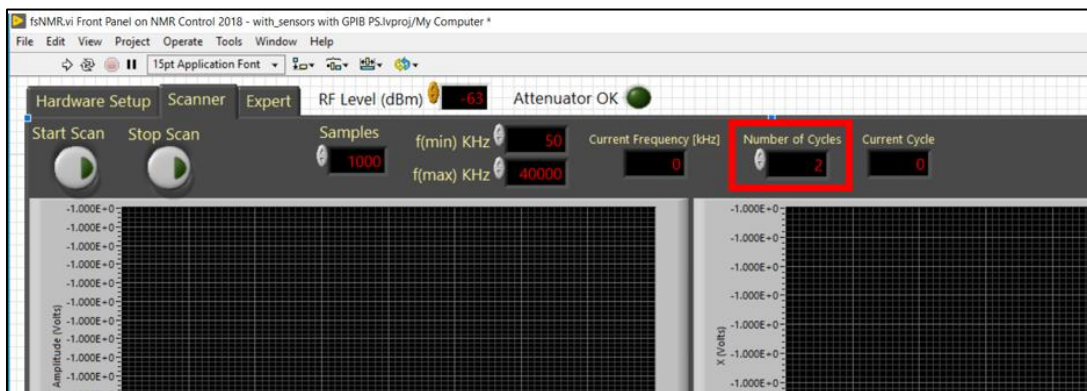
9. Wait for program to identify instrumentation.
 - a. If program cannot find a necessary instrument, program will stop.
10. Enter number of steps program will take between f(min) and f(max)



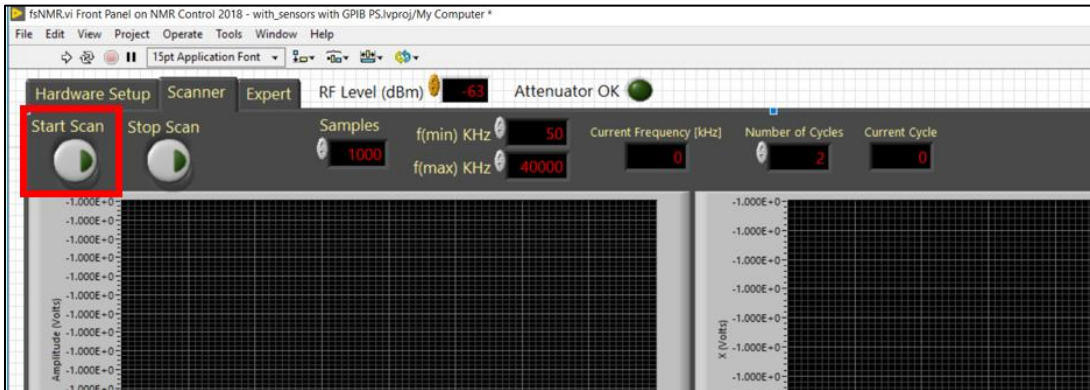
11. Enter frequency settings into Scanner tab of program.



12. Enter number of cycles to run and average over.



13. Hit start scan.



14. Wait for program to finish.

- a. Example screenshot of program running below.
- b. White signal is measurement of current run.
- c. Red signal is average of all previous runs.



15. When program finishes, input any comments into the pop-up window.

- a. Comment window will timeout after ~10 seconds if no user interaction.

16. Exit program by clicking EXIT button.