

Subject: New CWS_2022 control program

Release date: 2022/09/27

Additions: In PROCESSING section the new version exports ASCII data from bottom window graph: Absorption as *.pra, 1 st Derivative as *.prd text file to the data defined folder.

Action required: Copy cws_2022.exe to working directory. Execute by double click. ASCII data can be exported by clicking in PROCESSING on “Export ASCII button” (See circle on **Fig. 1**).

Notes: Any *.pra or *.prd files are text files and can be opened with Notepad or Word. These files can be imported into Excel after changing the extension to *.txt.

To import to Excel 2019: 1) *Data/Get Data/From File/From Text-CSV/Load.* 2) Click on the table, and *Data/From Table-Range.* 3) Select the column, and *Data/Text to Columns/Delimited.* 3). Data are split into two columns. First column is the magnetic field in Gauss (G), second column is signal amplitude (Arbitrary units). Columns can be displayed as a graph (**Fig. 2**) or used to process with different program.

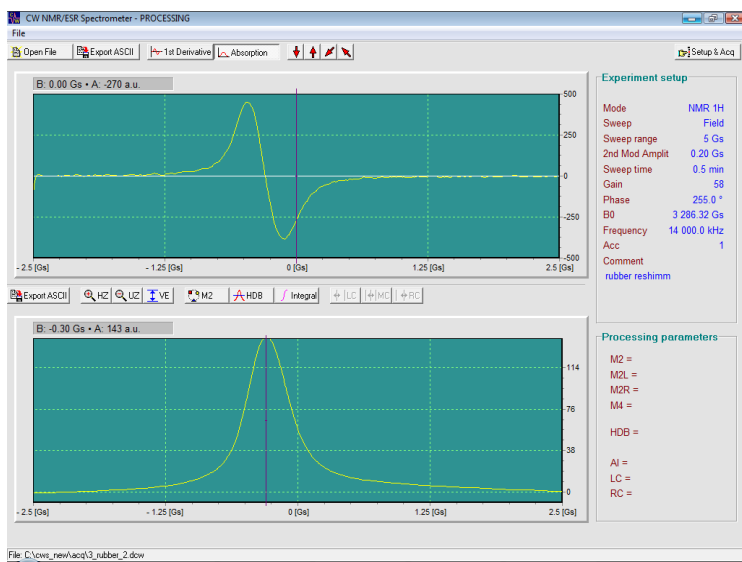


Figure 2. PROCESSING section in CWS_2022 program.

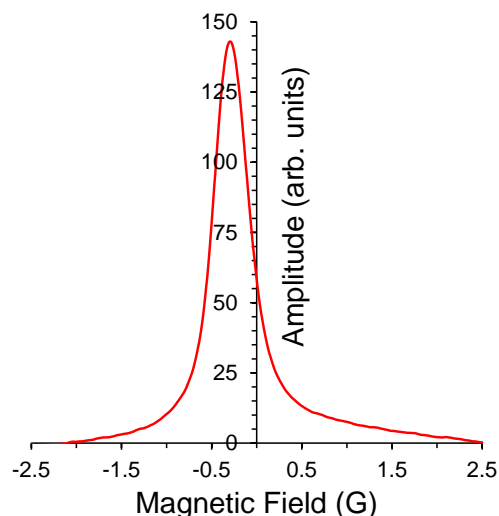


Figure 1. The 2019 Excel graph obtained from Absorption data by a new Export ASCII function.