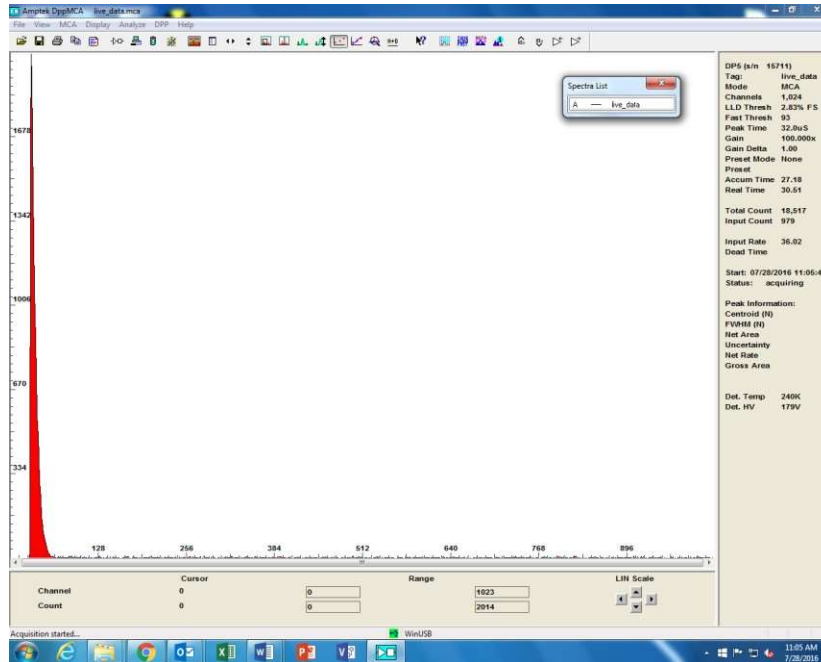


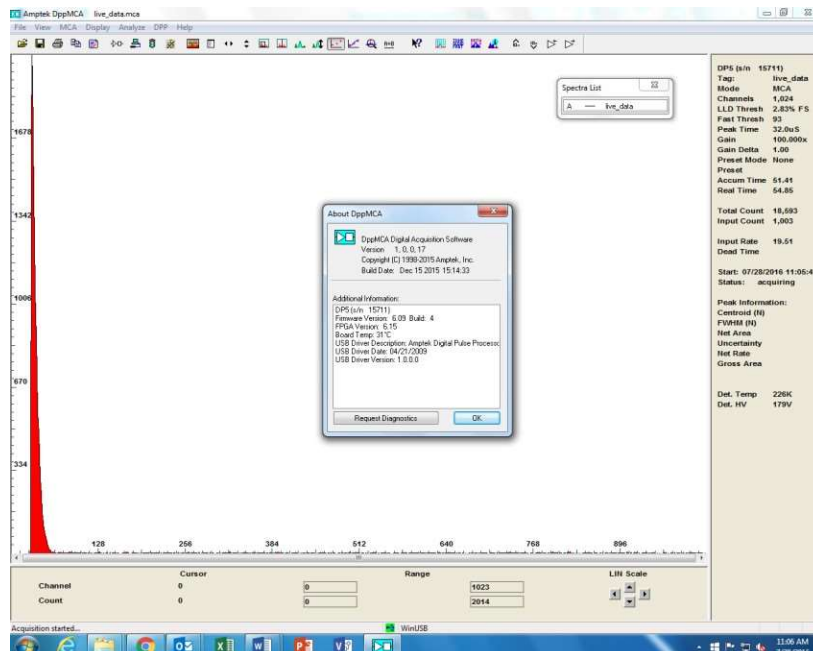
Saving a .mca File and Requesting Diagnostic Data

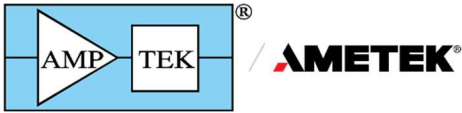
Amptek, Inc has built into its spectrometers (X123, DP5, PX5, GammaRad-5, TB-5, etc) the ability to capture and store special diagnostic data, for remote debugging.

1. Make sure you have the version 1.0.0.17 or later of the DPPMCA software. The latest version can be downloaded from <https://www.amptek.com/software/dp5-digital-pulse-processor-software/dppmca-display-acquisition-software>.
2. Launch DPPMCA and connect to the device, as shown below.

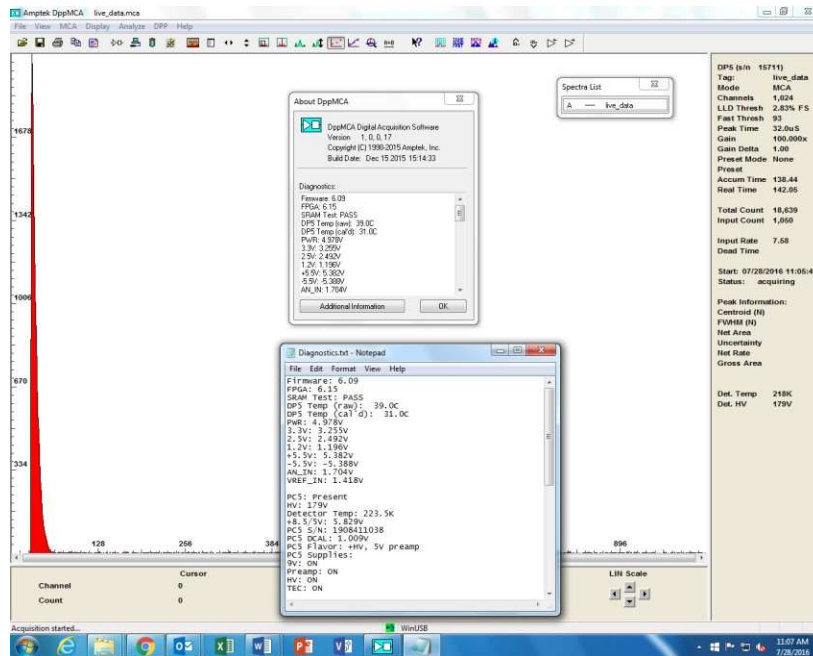


3. Click "Help", then "About DPPMCA". The box below will appear.





4. Click the “Request Diagnostics” button. Diagnostic data will be dumped into the box; this includes a hex dump of the configuration memory. Select all these values, copy them (Ctrl-C), and save them in a text file. Notepad is a convenient editor.



5. Click “OK” and close out of “About”.
6. Now acquire a spectrum for roughly 30 seconds and save a .MCA file (file menu -> Save as). Even if the values are all zero and you see no spectrum, configuration data and other information are stored in the .MCA file.
7. Email the .MCA file and the diagnostic text file to Amptek at Amptek.sales@ametek.com