1. Start with “load\_80MHz”. It currently is set up for the 12x5 data format
2. Modify the stim file to point to the dat file of interest
3. ~~Plot “ydata” to get the appropriate trigger values. Should already be commented out~~.Actually the triggering data is evaluated within the TriggerPoints function. The raw data is FIR filtered and then trigger thresholds are applied. Just set the “flags.showFirstTrigger” flag to 1 in the top level.
4. Once satisfied, run this data through and it will generate a burst file that has the information regarding where in the binary find to locate the data of interest for each burst

Data file example:

Start/Stop/PW(ns)/PRF/??/Amplitude

42317 263817 1142 94180 0 25

276397 497897 1190 94179 0 25

803539 1025039 1142 94179 0 22

1039209 1260709 1142 94179 0 17

2325067 2546567 1190 94179 0 25

2559165 2780665 1142 94179 0 25

6131335 6352835 1095 94179 0 17

6364015 6585515 1190 94179 0 22

6890469 7111969 1190 94179 0 25

1. Next, open bsag\_extract\_80.m and modify “firstPacket” and “lastPacket” to encompass the data of interest in the burst file above. Also modify the stimulus and TG files
2. Check the triggering thresholds as appropriate