

# Update on the DMT Peak Monitor

Edward Daw  
Louisiana State University

[edaw@lsuligo.phys.lsu.edu](mailto:edaw@lsuligo.phys.lsu.edu)  
[http://lsuligo.phys.lsu.edu/edaw/  
homepage/homepage.html](http://lsuligo.phys.lsu.edu/edaw/homepage/homepage.html)

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# Peak Monitor Schematic

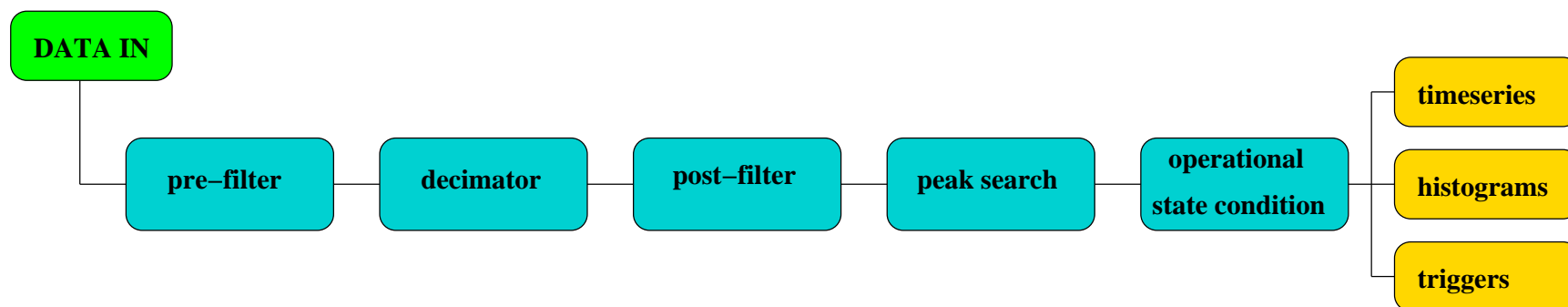
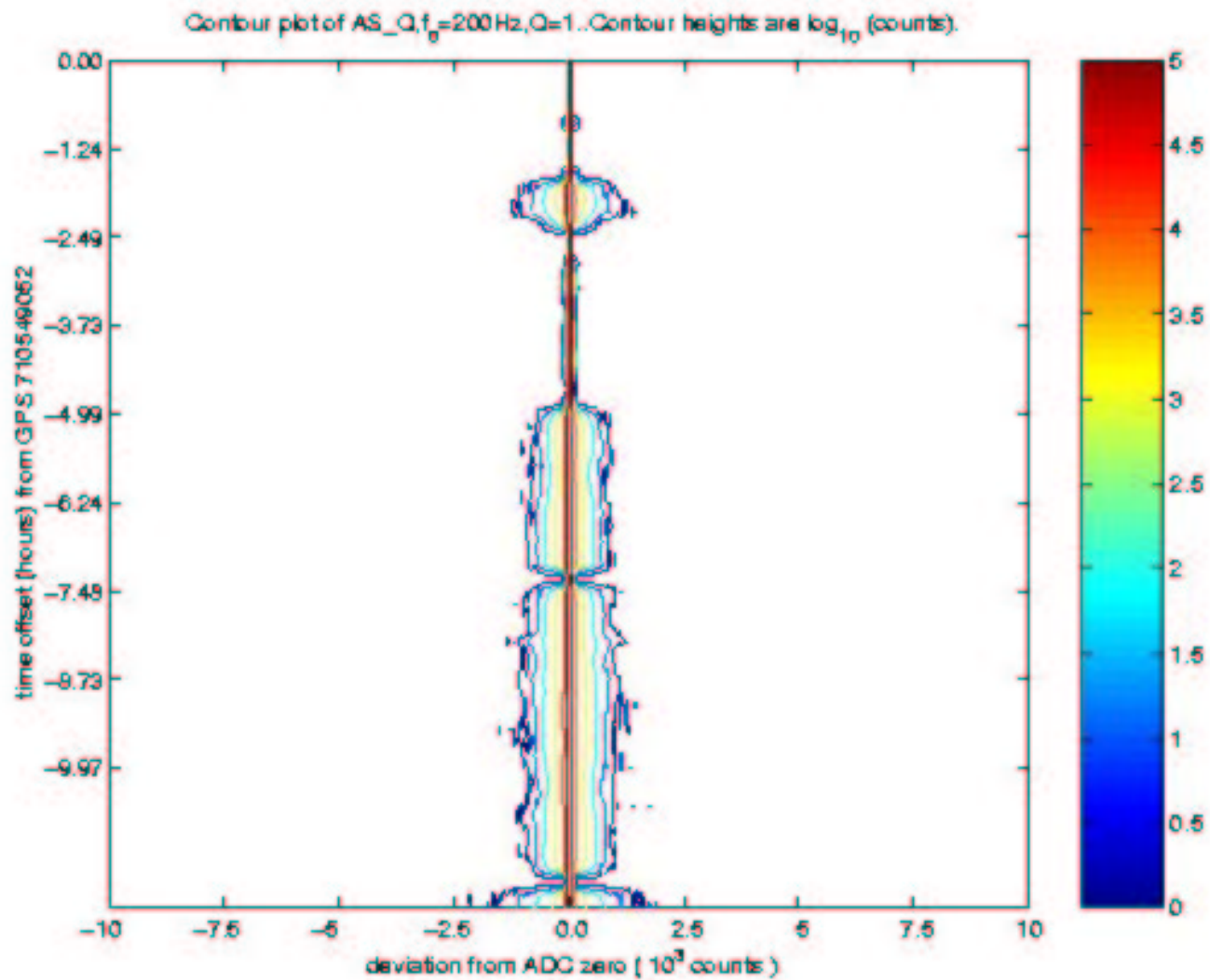
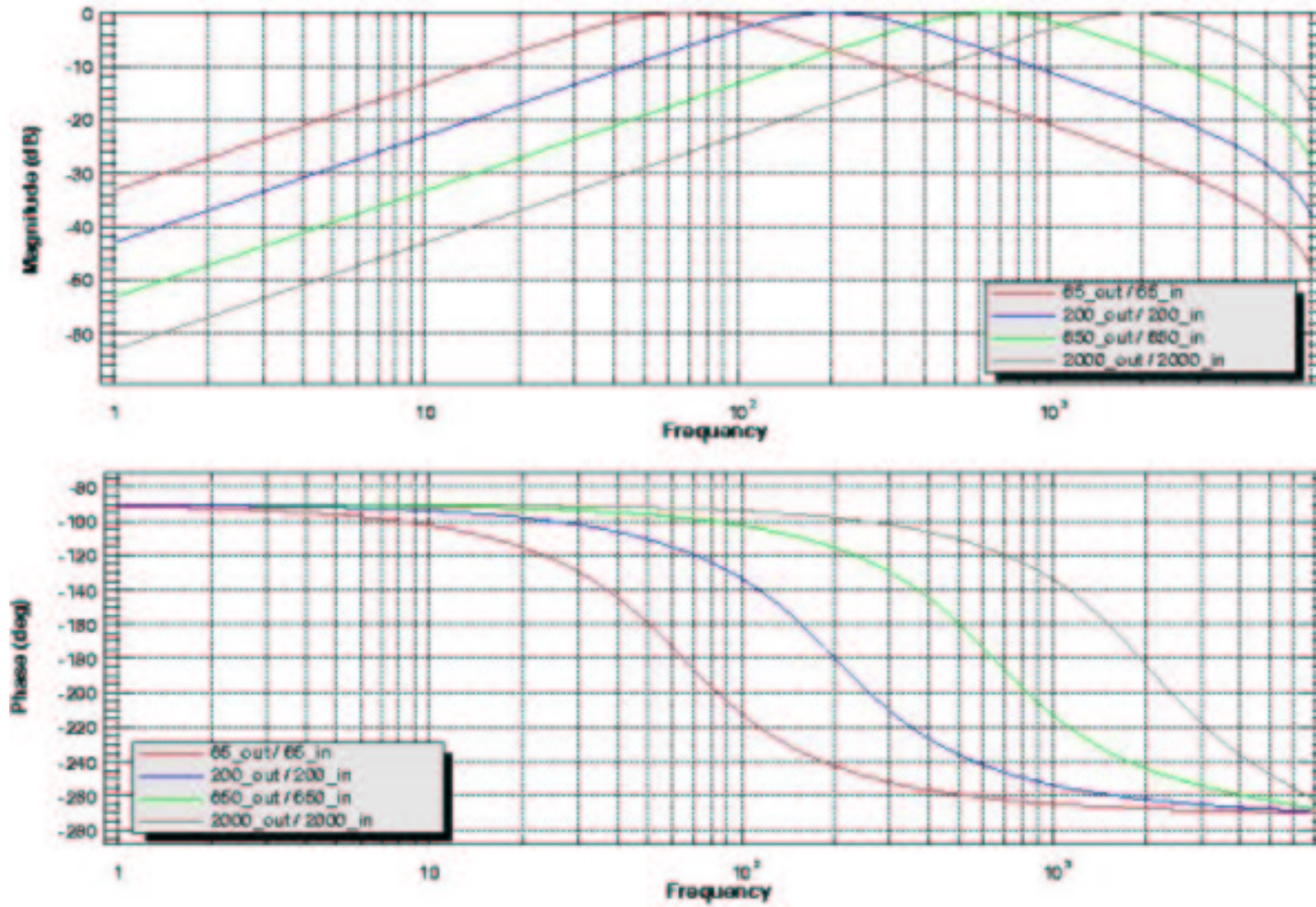
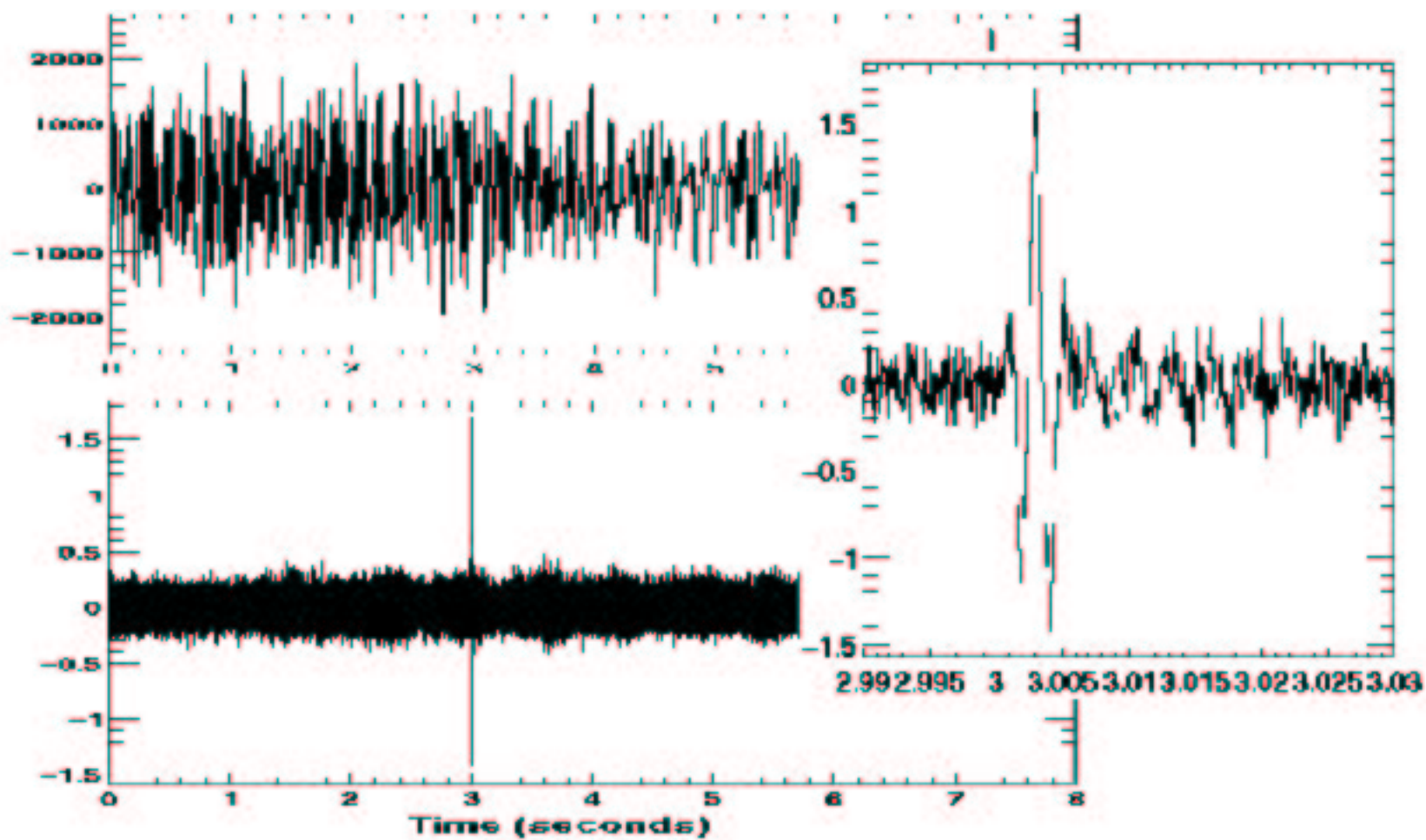


Figure 1: Schematic of Operation of Peak Monitor

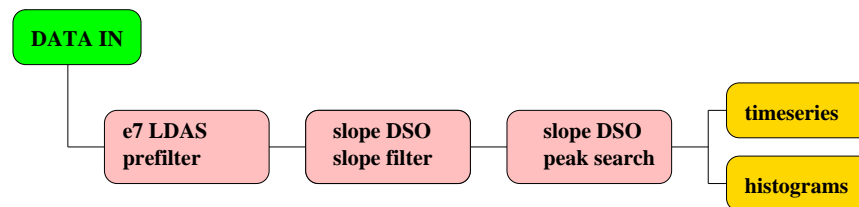
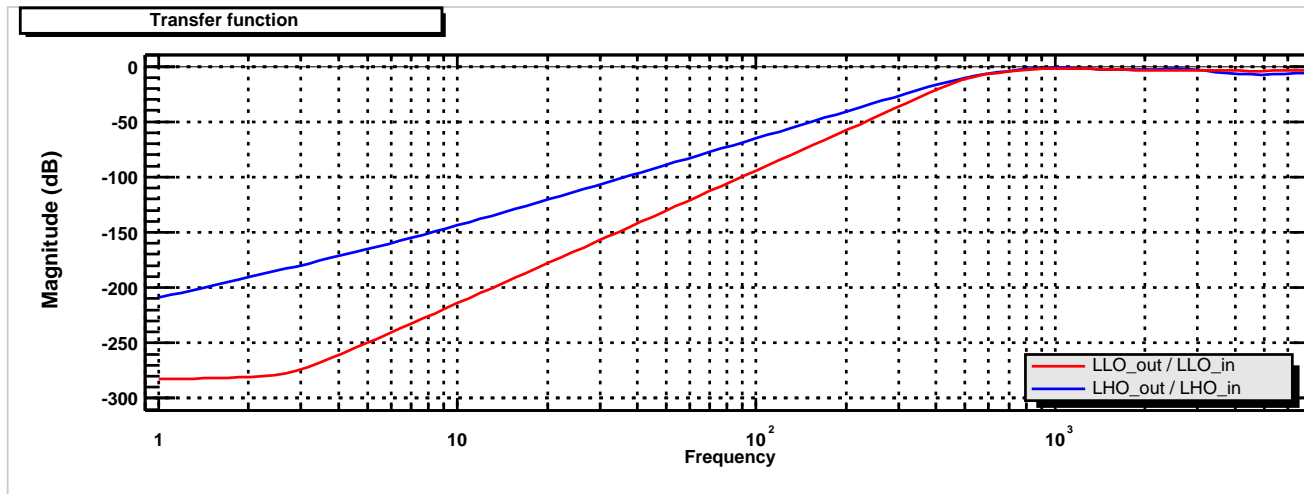




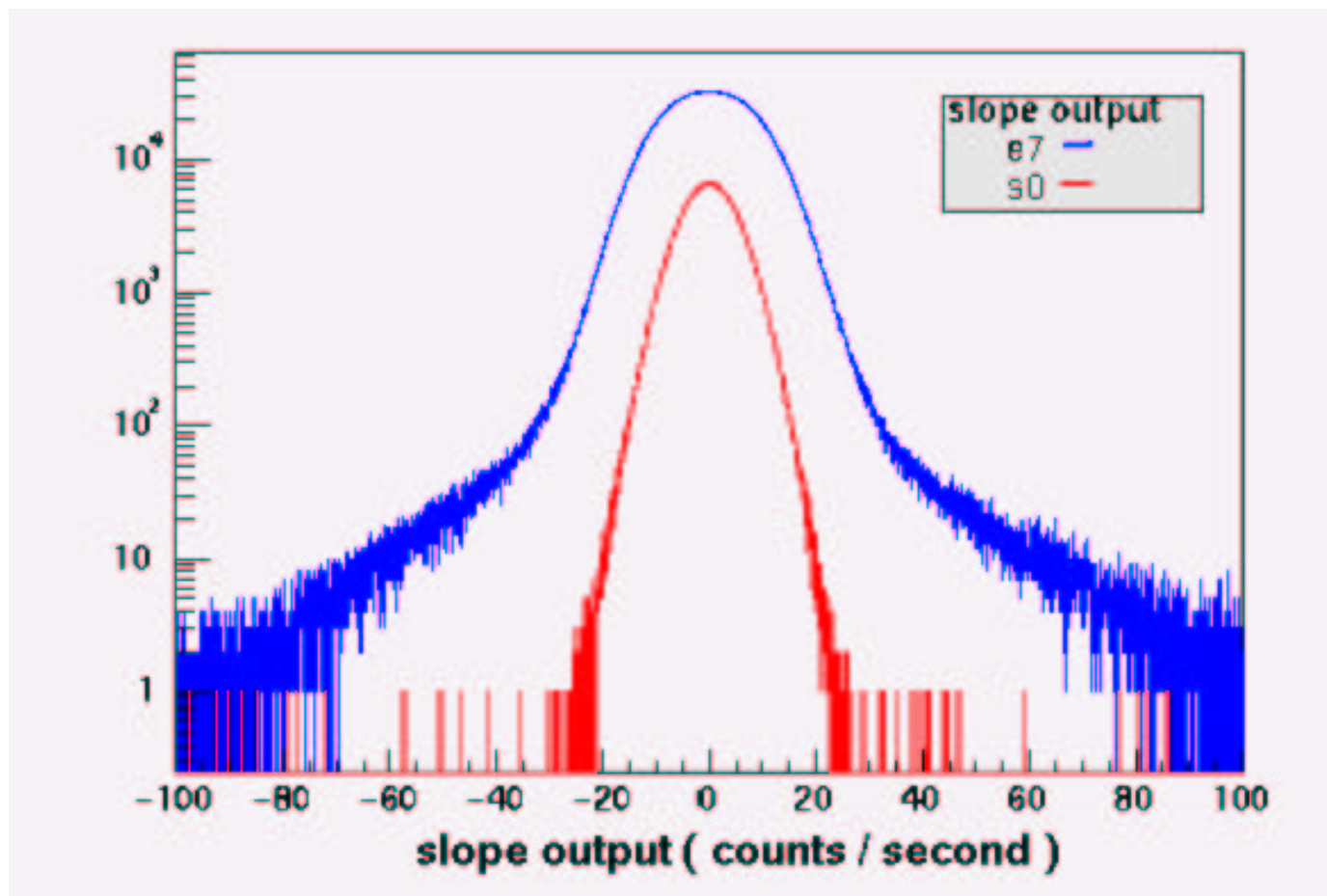
## Injected Signals in Low Noise Run Data



# PeakMon to Mimic Slope Detector Burst Search



## Histograms of Prefiltered E7, LN run Data



## Conclusions

- PeakMon is intended as a very flexible tool for transient analysis
- PeakMon will run on H2 and L1 AS\_Q throughout the S1 run
- can be used as a run summary tool by shift scientists
- is being used for analysis of E7 and 12th July data
- is being used to check and optimize the slope DSO burst package