

Update on the DMT Peak Monitor

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Peak Monitor Schematic

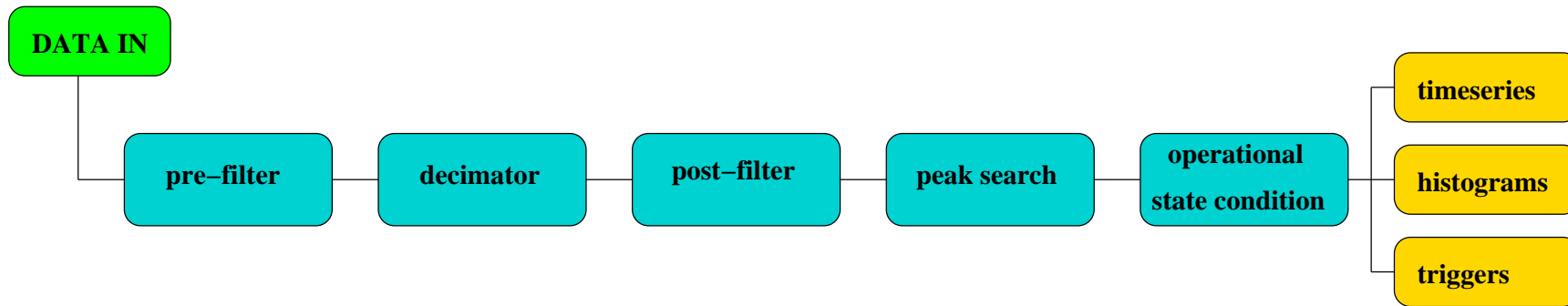
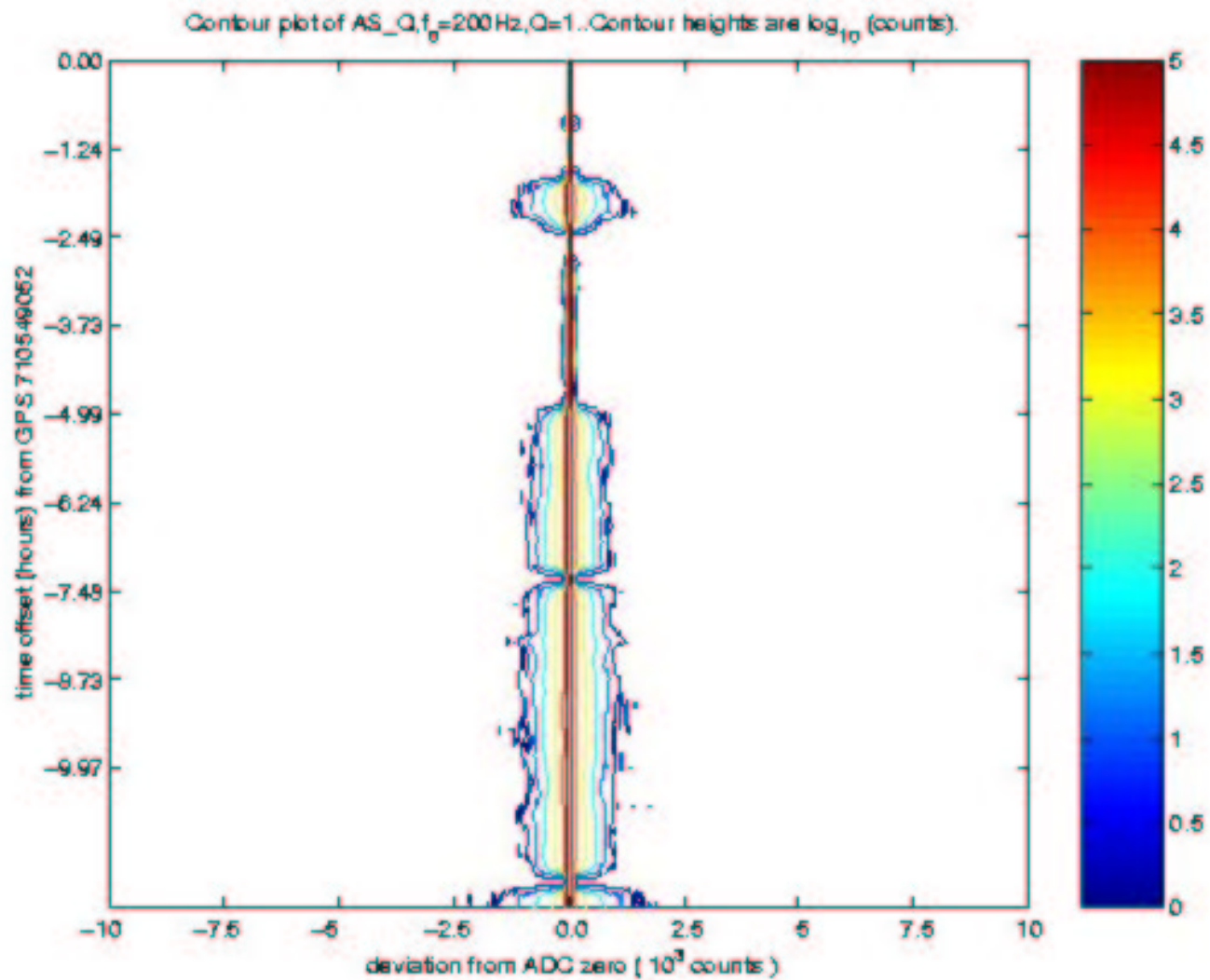
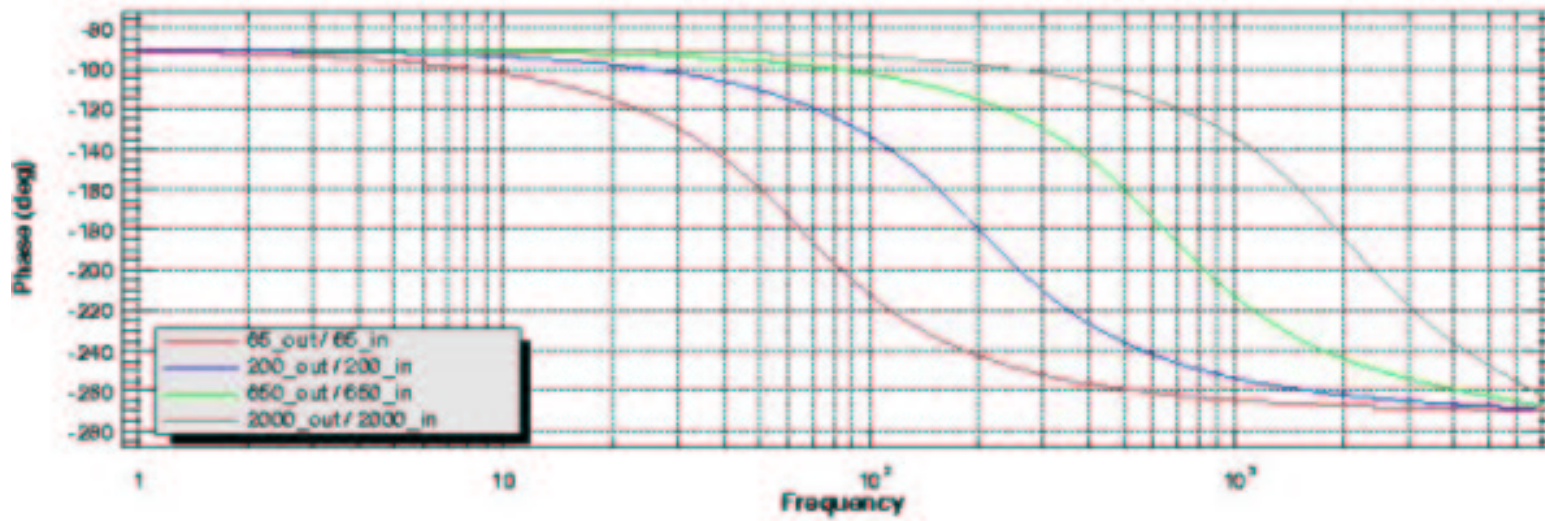
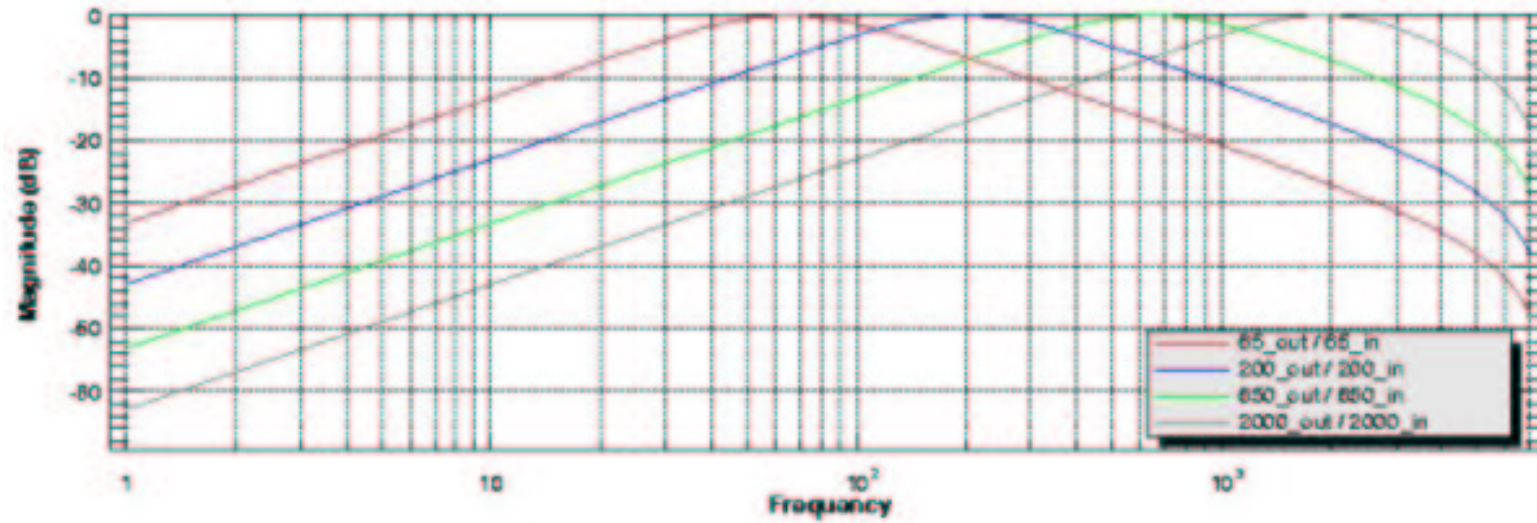
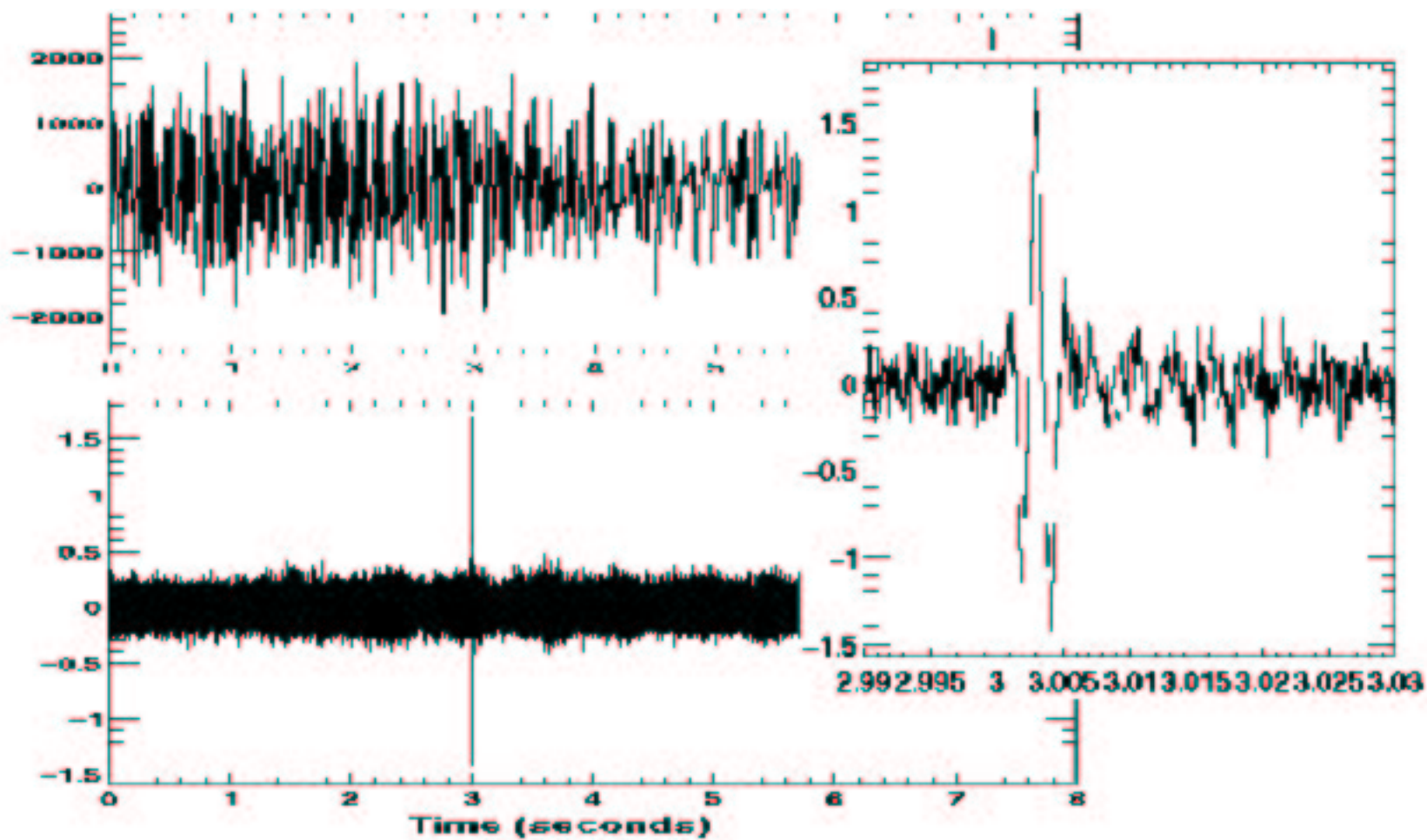


Figure 1: Schematic of Operation of Peak Monitor

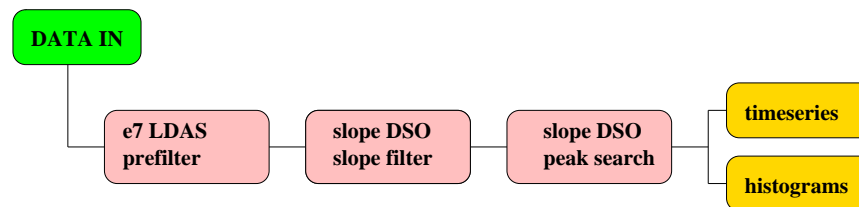
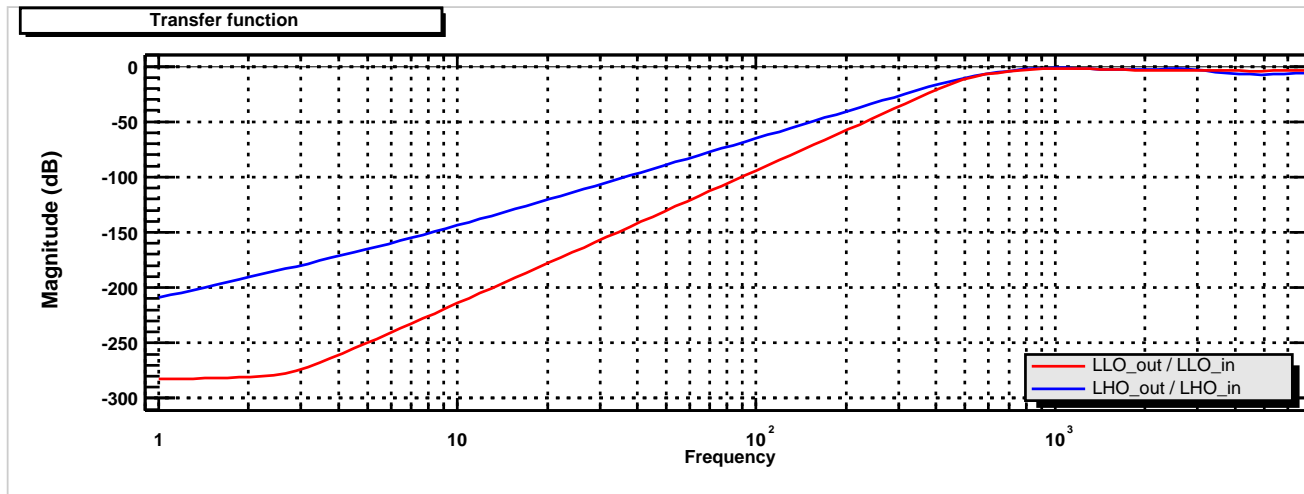




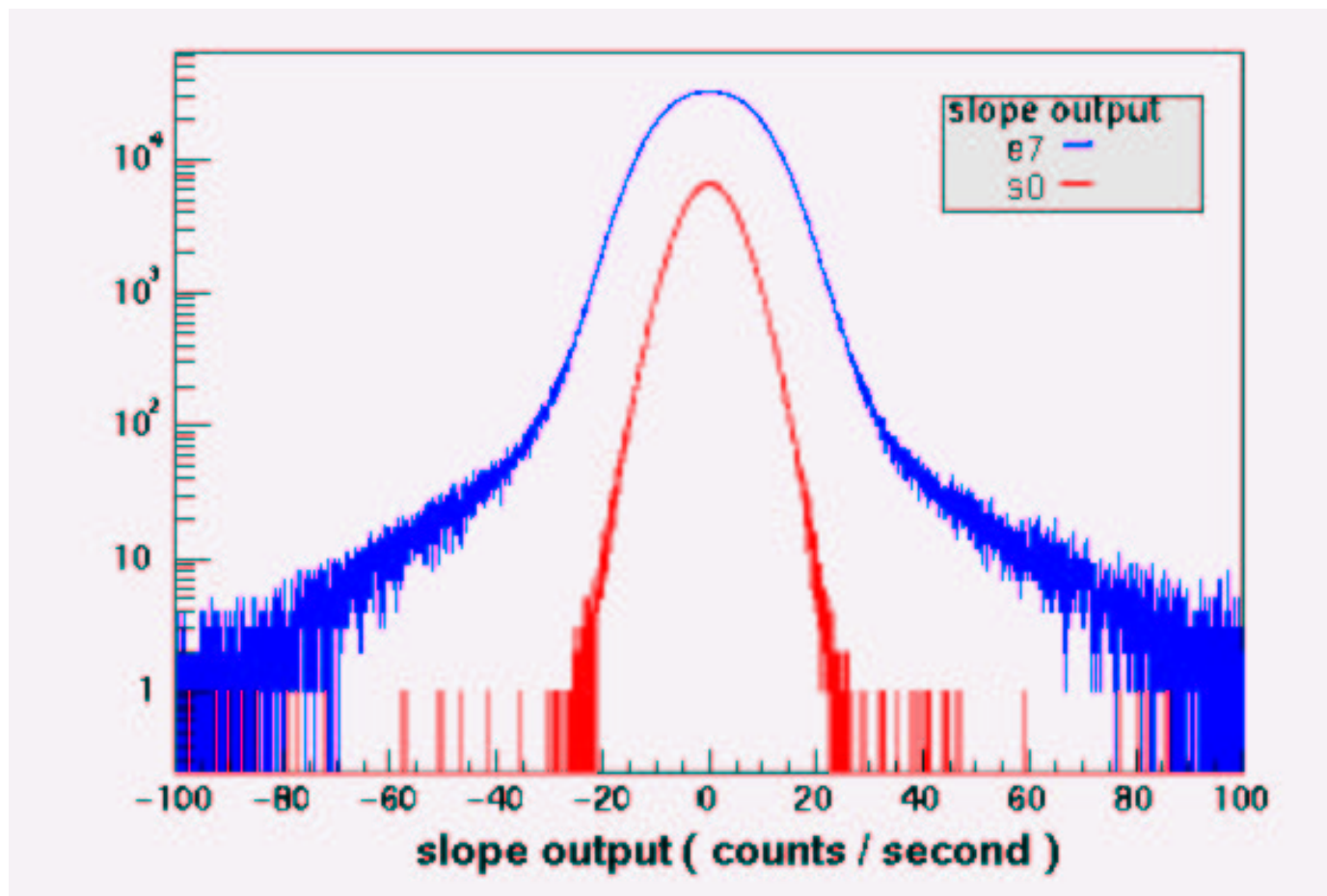
Injected Signals in Low Noise Run Data



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