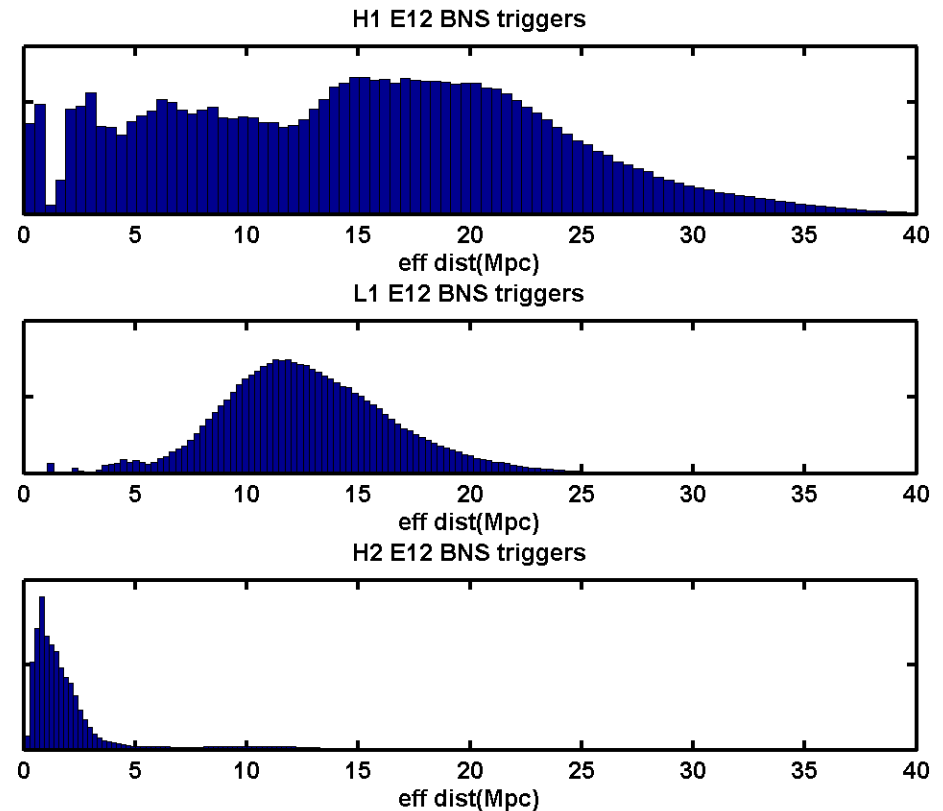


E12 Inspiral Search:

Summary

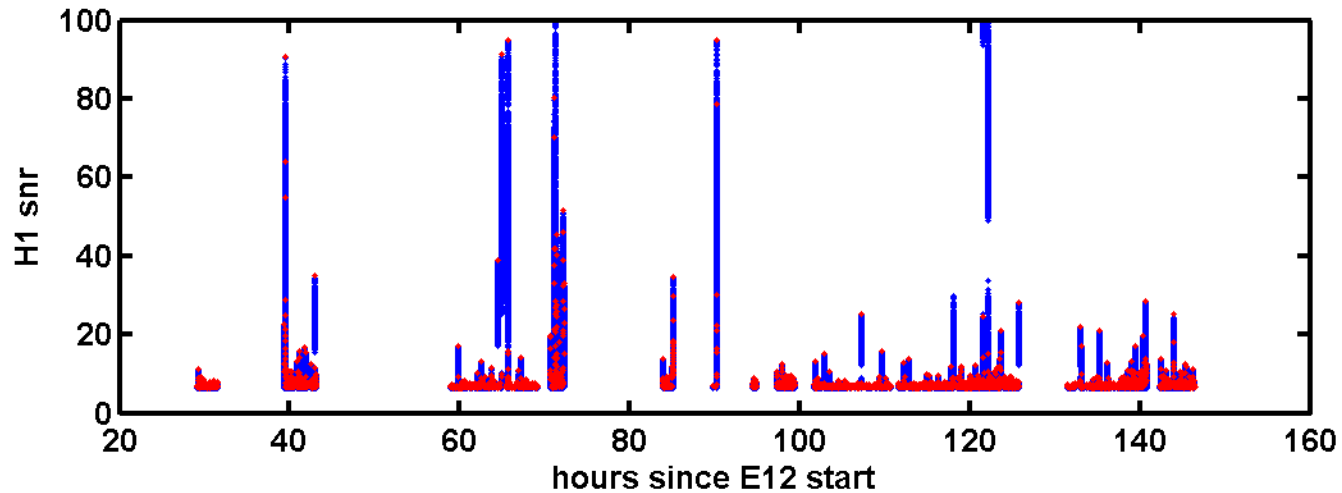
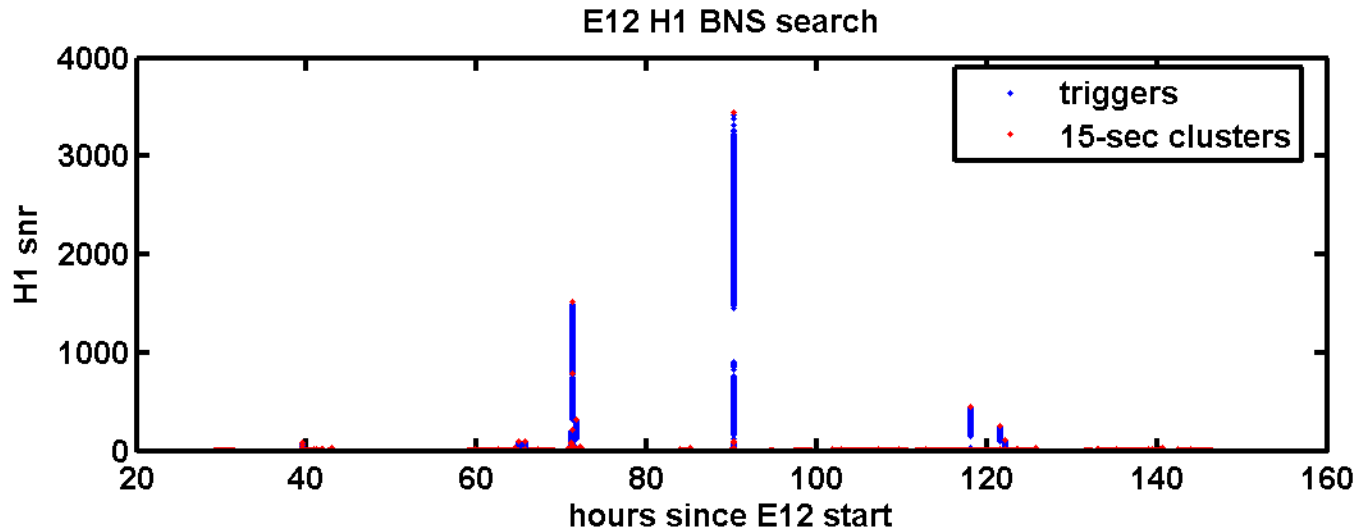
- Search in L1 was behind due to a problem with calibration (what's new?)
- Analysis Duty Cycle as %-age of science data:
 - L1: ~ 30%
 - H1: ~ 75%
 - H2: ~ 63%
 - Failures: calibration, segment lists, data movement, Condor overloads
- Hardware injections in L1 were satisfactorily recovered (13/14, missing one at 14 Mpc).



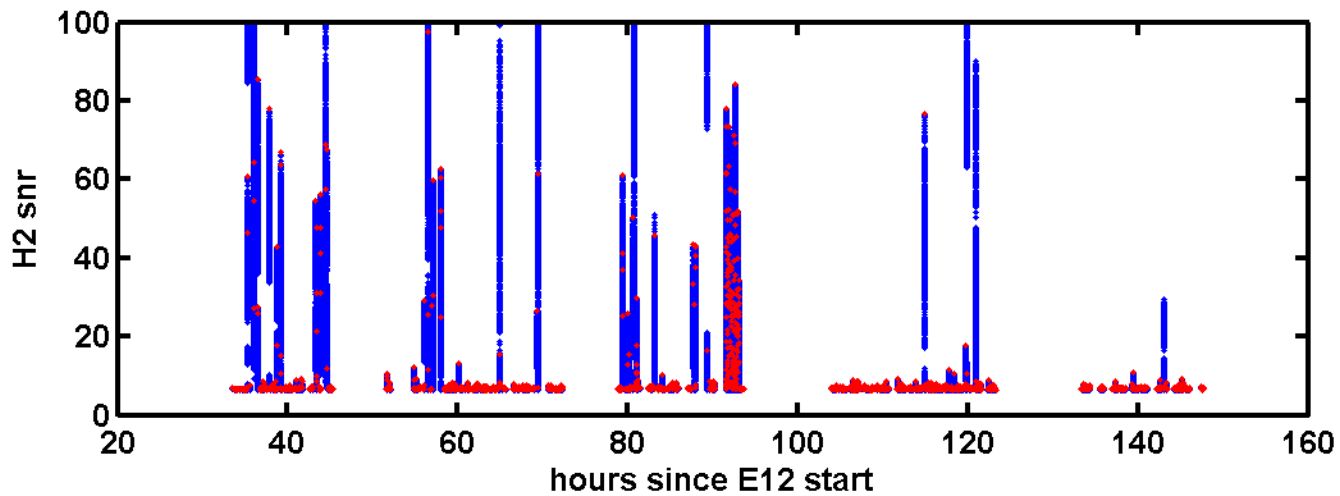
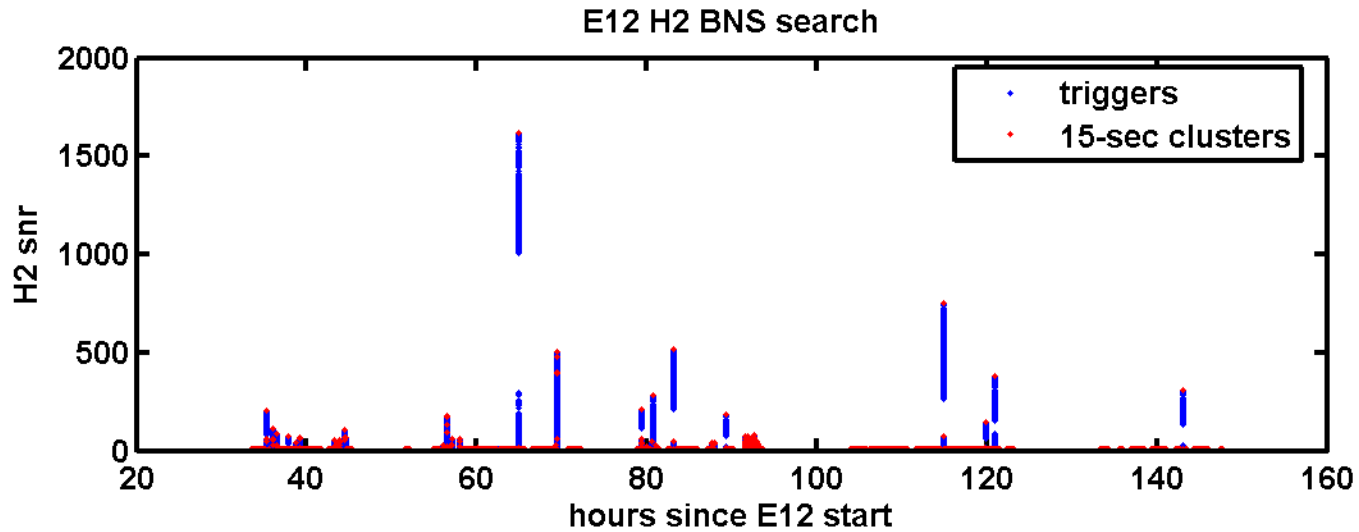
Some numbers

| | Hrs searched | Trigger rate (clusters w/ SNR>7) | Max SNR | Number of outliers |
|----|--------------|----------------------------------|---------|--------------------|
| L1 | 28 | ~0.9/min | 86 | ~10 (0.6%) |
| H1 | 67 | ~0.3/min | 3442(!) | ~30 (2%) |
| H2 | 70 | ~0.2 | 1620(!) | ~100 (15%) |

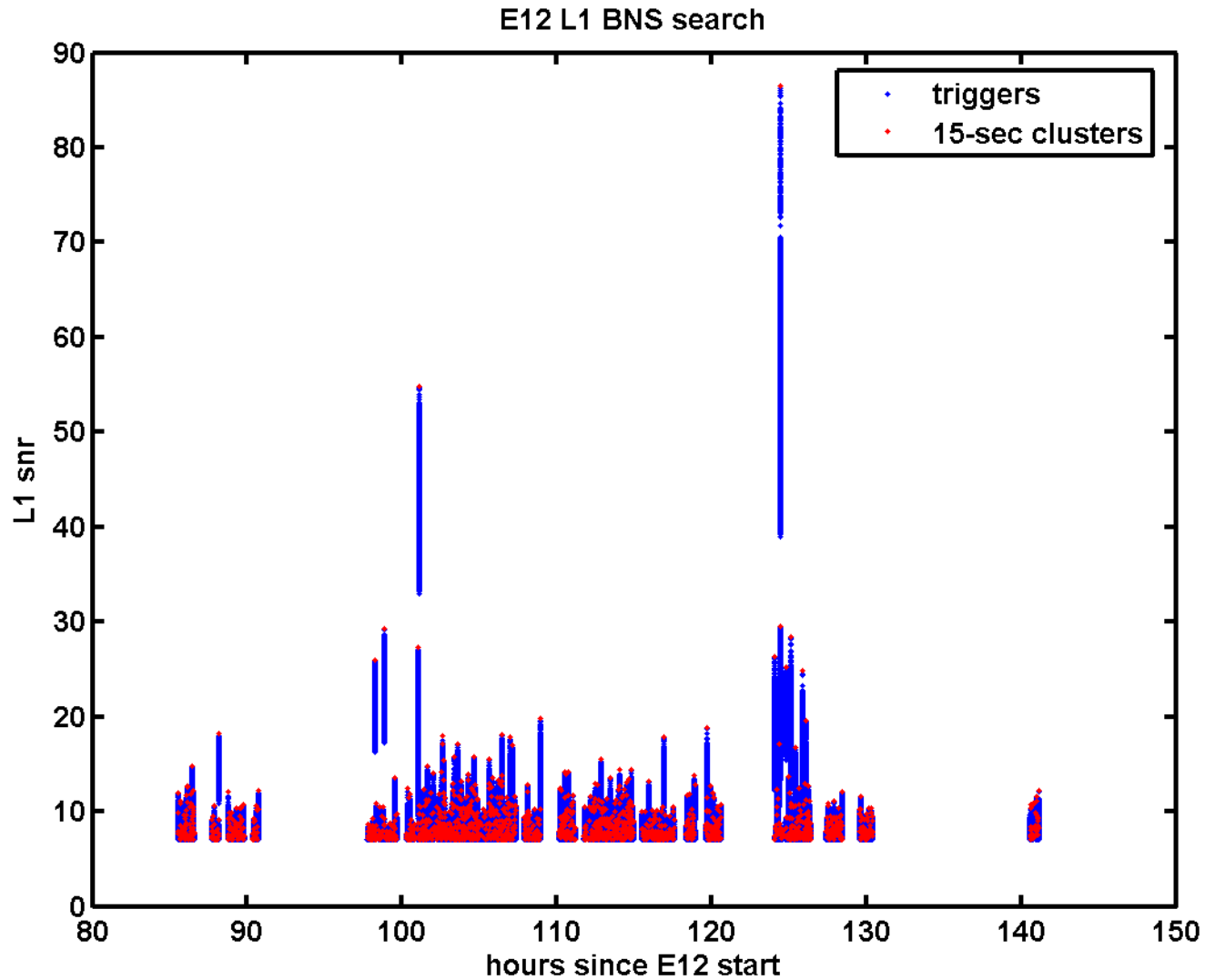
Some plots: H1



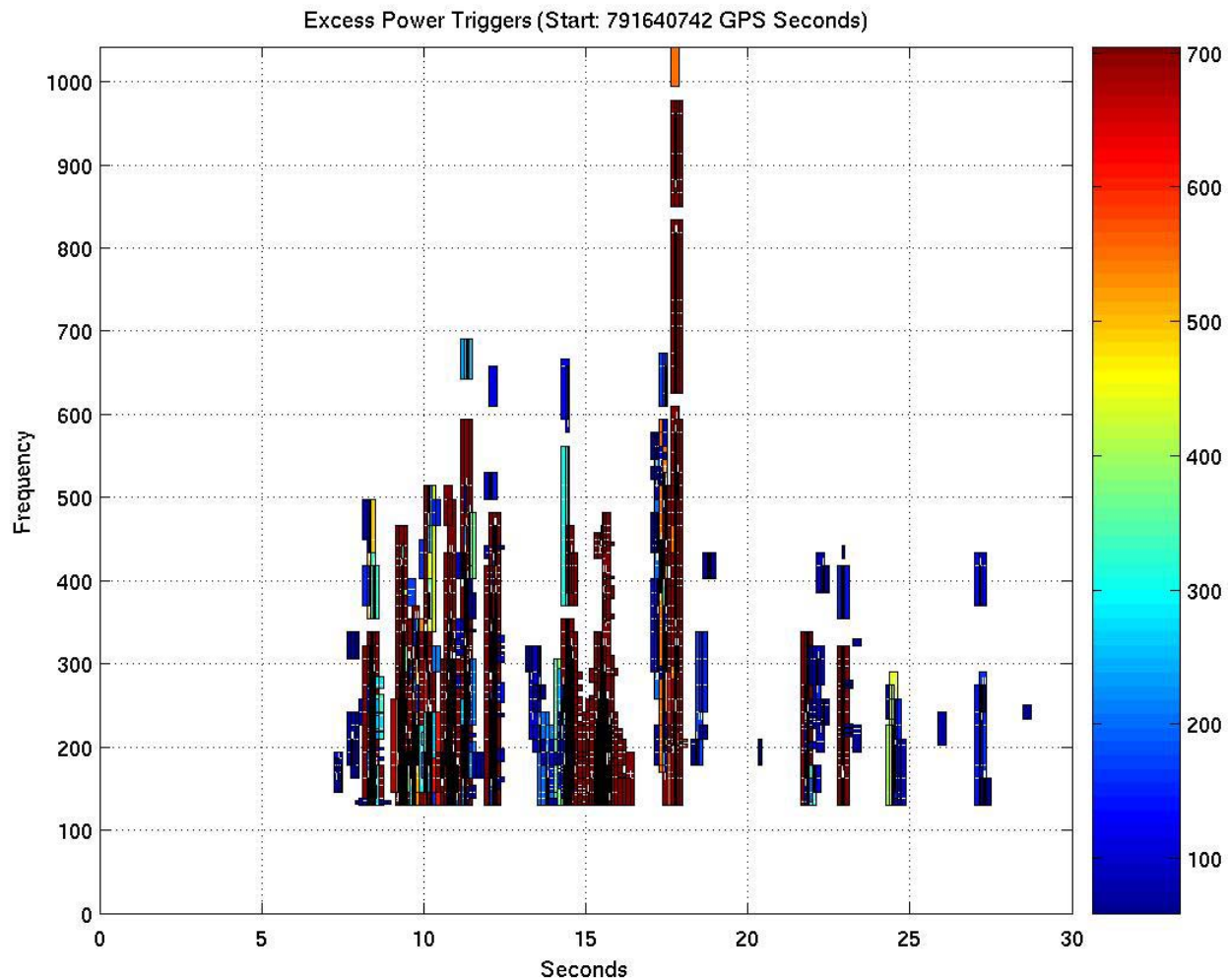
Some plots: H2



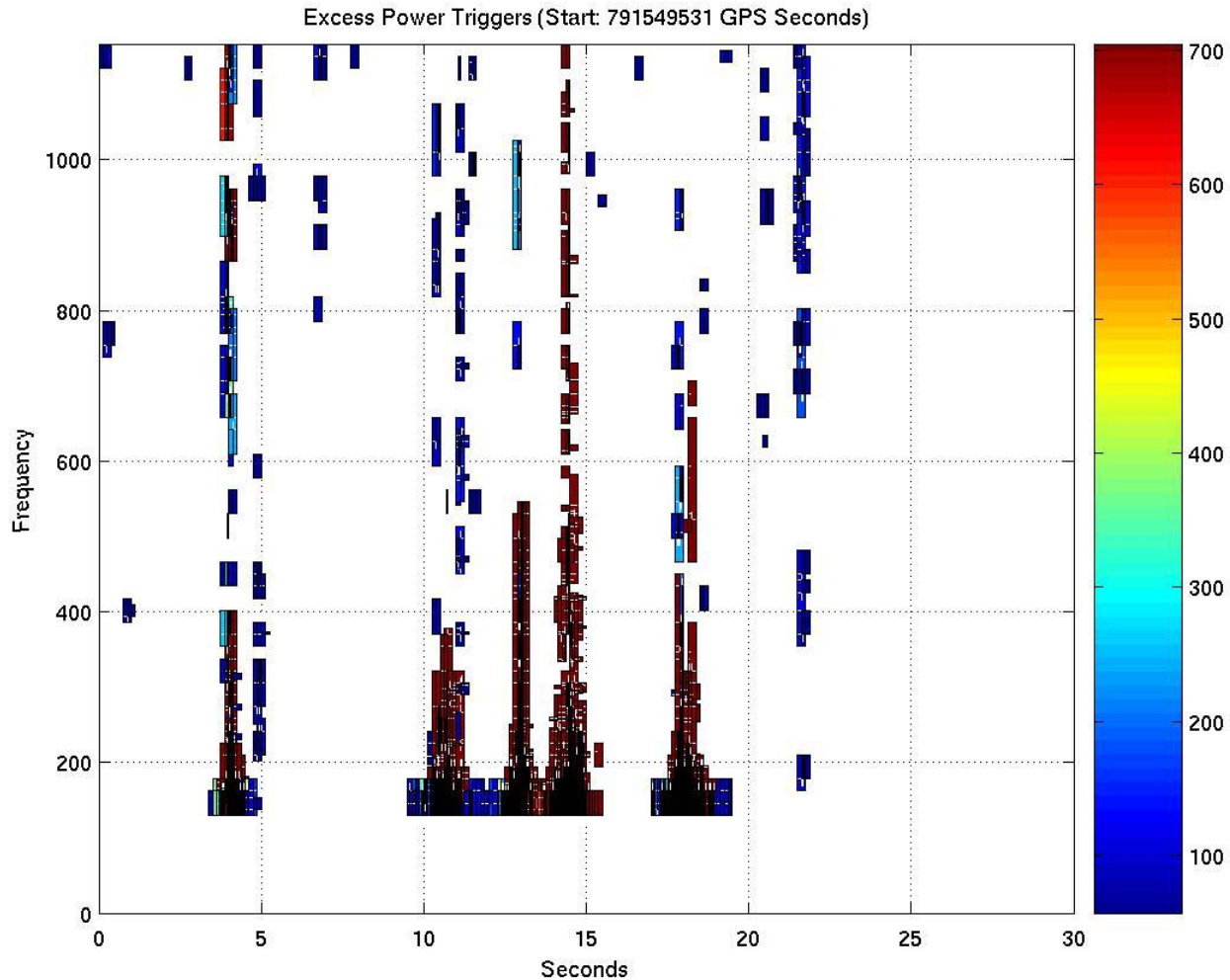
Some plots: L1



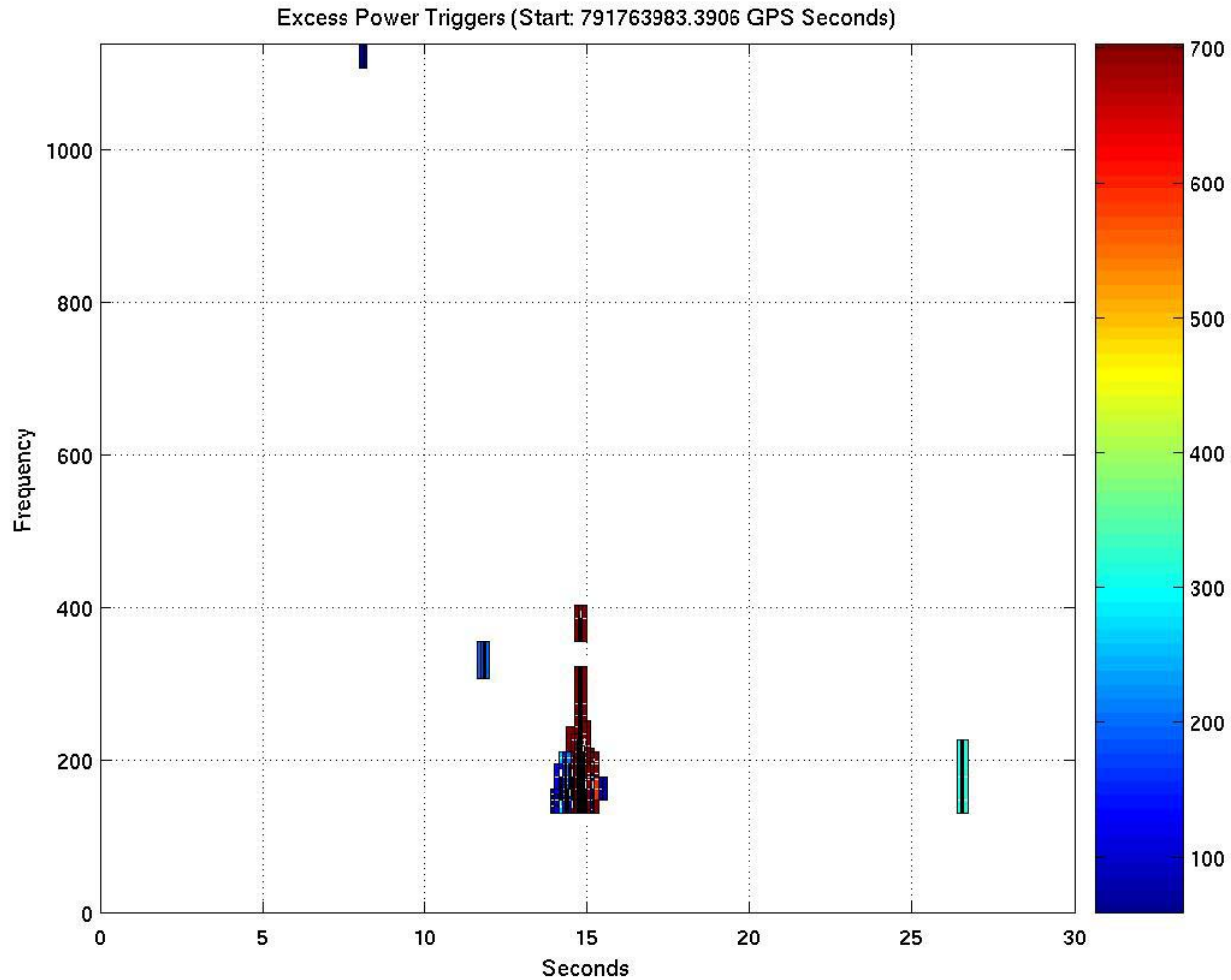
Largest SNR Outlier: H1(3442)



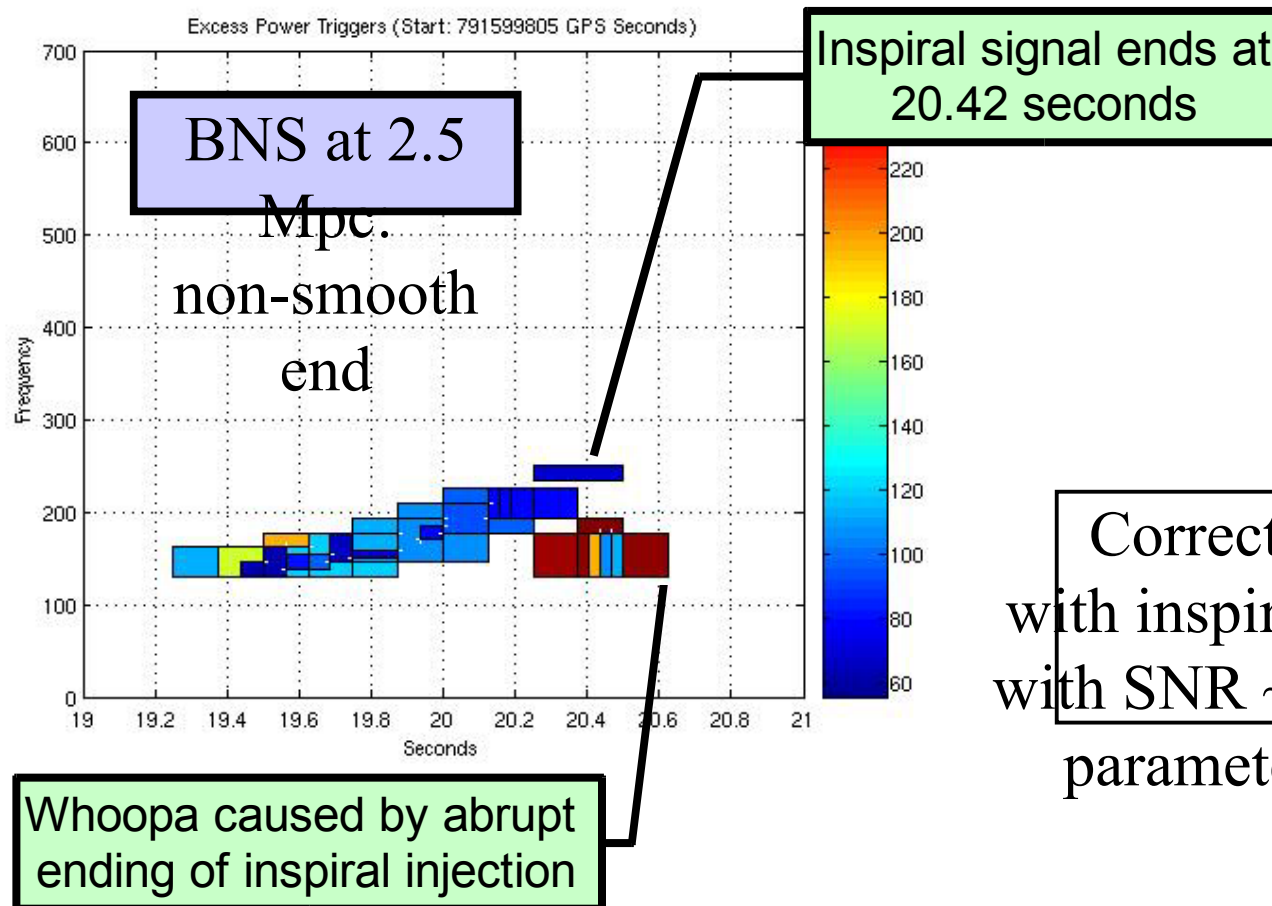
Largest SNR Outlier: H2 (1620)



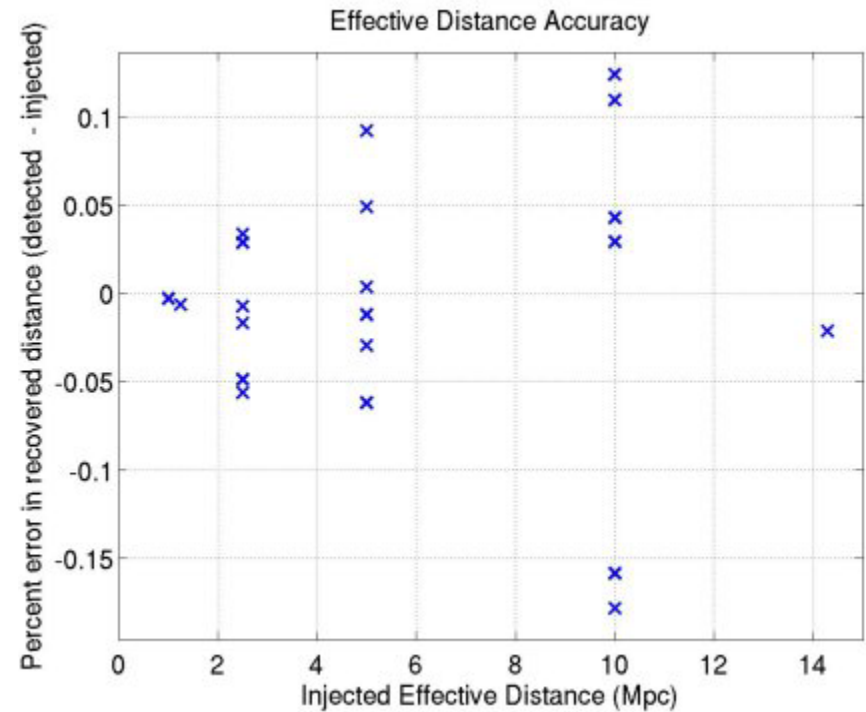
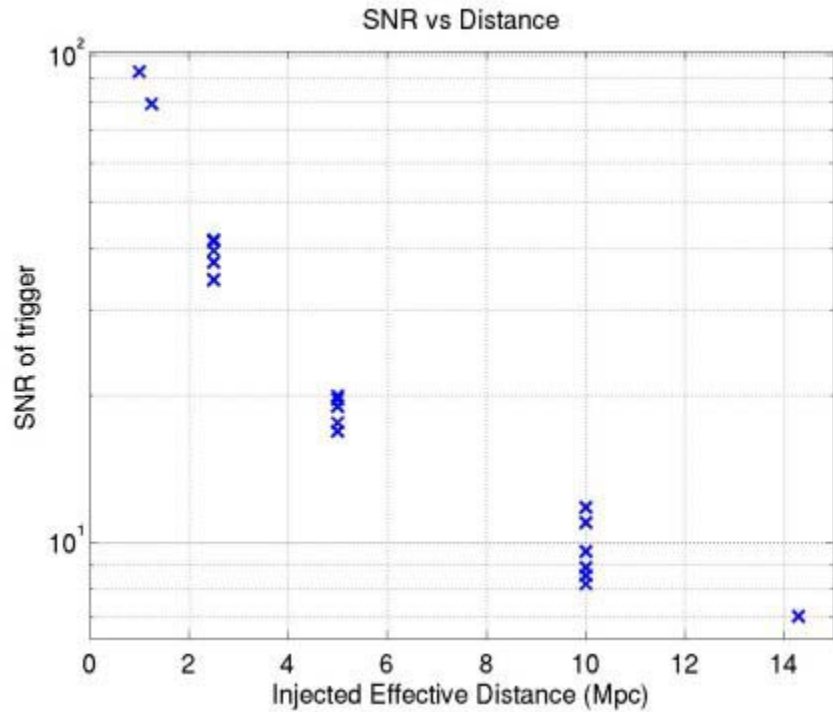
Largest SNR Outlier: L1(86)



Hardware Injections



Hardware Injections



Inspiral notebook entries:

Inspiral E12 investigations

<http://www.lsc-group.phys.uwm.edu/iulgroup/investigations/engrun.html#e12>

In particular,

Loudest triggers follow up:

<http://www.lsc-group.phys.uwm.edu/cgi-bin/enote.pl?nb=e12&action=view&page=7>

Hardware injections:

<http://www.lsc-group.phys.uwm.edu/cgi-bin/enote.pl?nb=e12&action=view&page=5>

InspiralMon (D. Brown)

