

V&V Reference Report

L2 ASCDS Version : 7.6.9

Observation 2936 - L2 Version 3
Chandra X-Ray Center

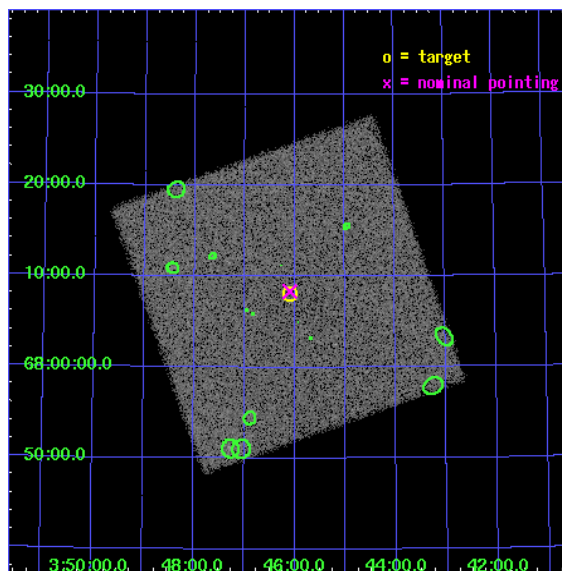
L2 Processing Date : Nov 21 2007

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1 Front

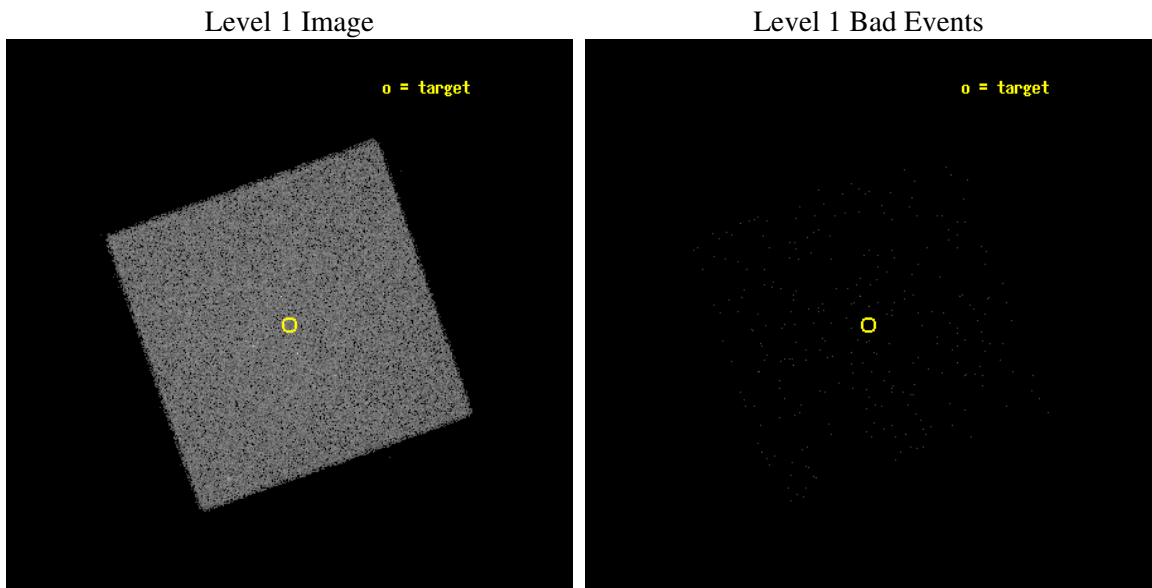
seq_num	600273
obs_id	2936
title	UNVEILING THE NATURE OF ULTRA LUMINOUS X-RAY SOURCES IN NEARBY SPIRAL GALAXIES - REALLY ~100 SOLAR MASS BLACK HOLES ? -
observer	MR. MASAHIKO SUGIHO
object	IC342 S1 AND S2
ra_targ	56.524583
dec_targ	68.135
ra_nom	56.523817881982
dec_nom	68.139531207921
roll_nom	115.54475922515
revision	3
ontime	2765.4501143098
livetime	2748.1190072823
l2events	106769



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	2
ascdsver	7.6.11.2
caldbver	3.4.1
date	2007-11-21T23:33:12
revision	3

sched_exp_time	3000.000000
ontime	2765.4501143098
l1events	170494

2.1.3 Events

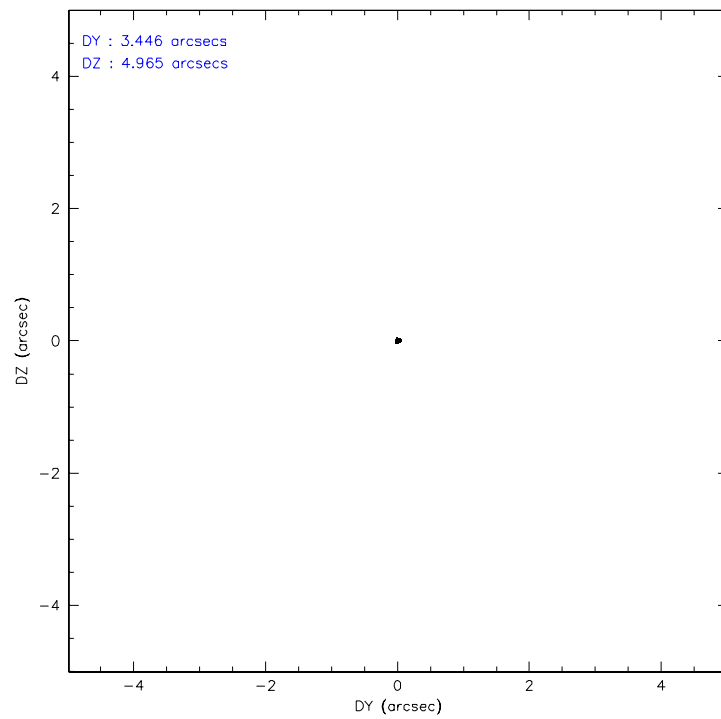
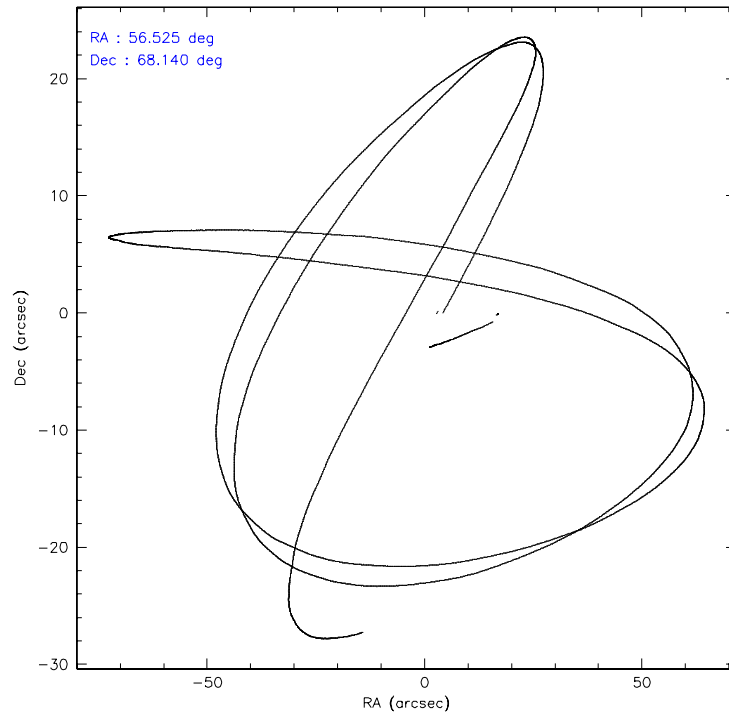
Level 1 Events

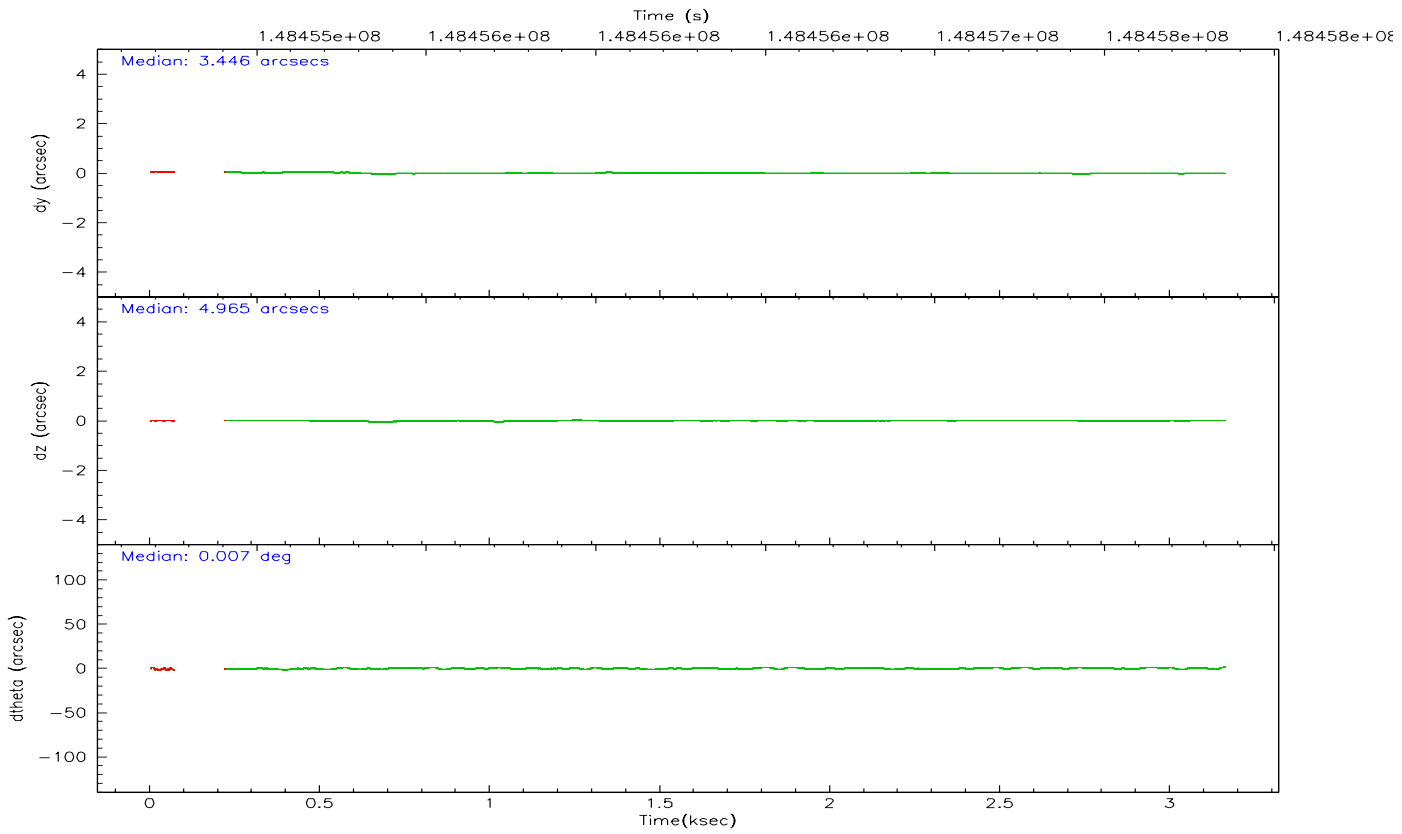
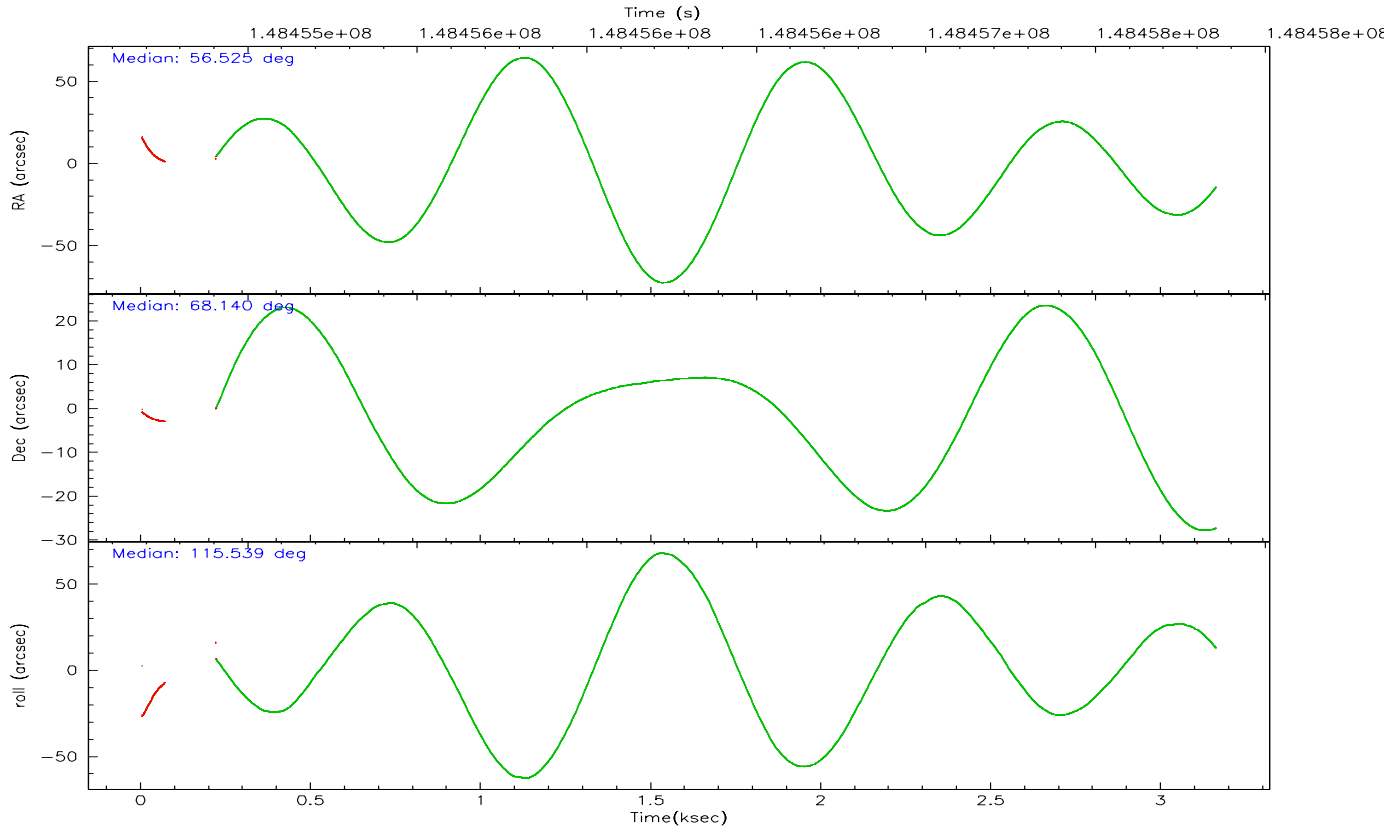
	segment 0
level 1 events	170494
rejected events	18583
rejected %	10%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
Detector	HRC-I	HRC-I	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	OBSERVING	OBSERVING			
Observation mode	POINTING	POINTING			
Pointing RA	56.584936	56.52381788198206			
Pointing Dec	68.124353	68.13953120792098			
Pointing Roll	115.583594	115.5447592251542			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9829799899862			
SIM translation stage offset (mm)	0	0.002508901615314585			
Observation start time	148454852.184000	148454234.78009			
Observation start date	2002-09-15T05:26:28	2002-09-15T05:17:14			
Observation end time	148457852.184000	148458432.15526			
Observation end date	2002-09-15T06:16:28	2002-09-15T06:27:12			

2.3 Aspect



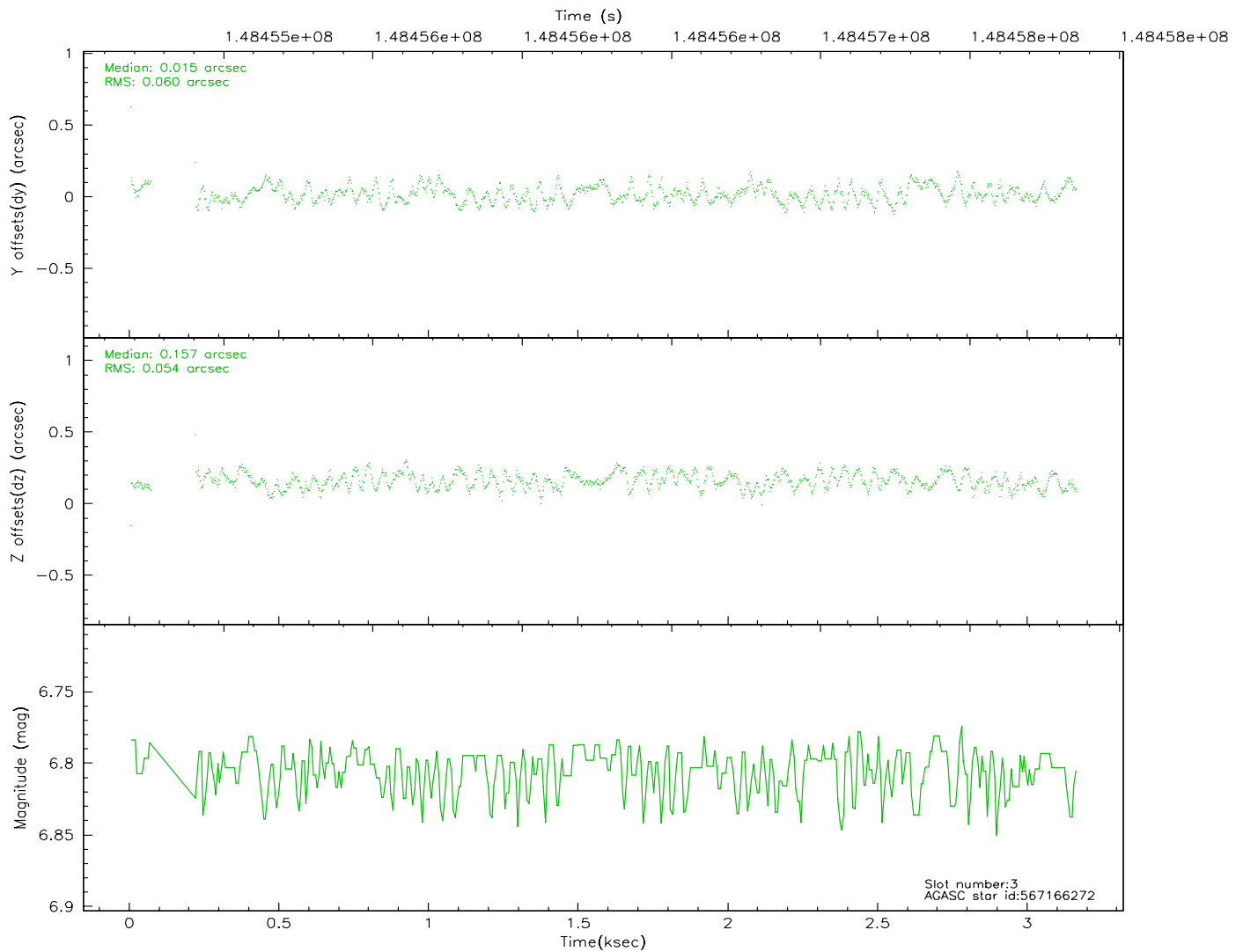
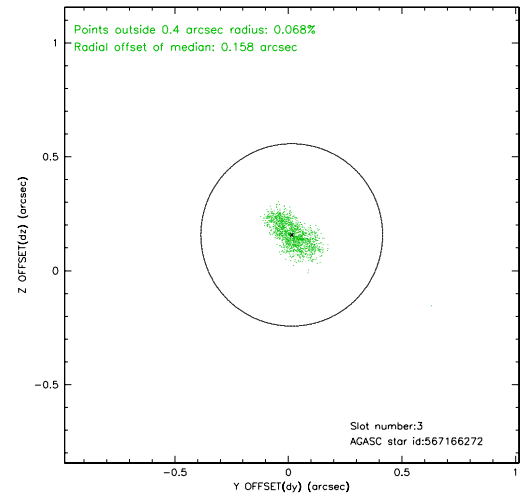
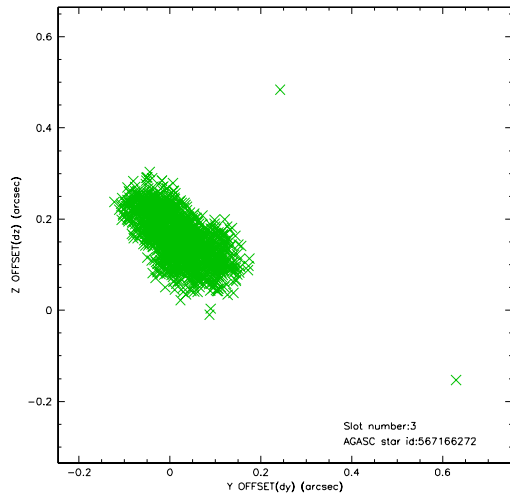


Slot Statistics

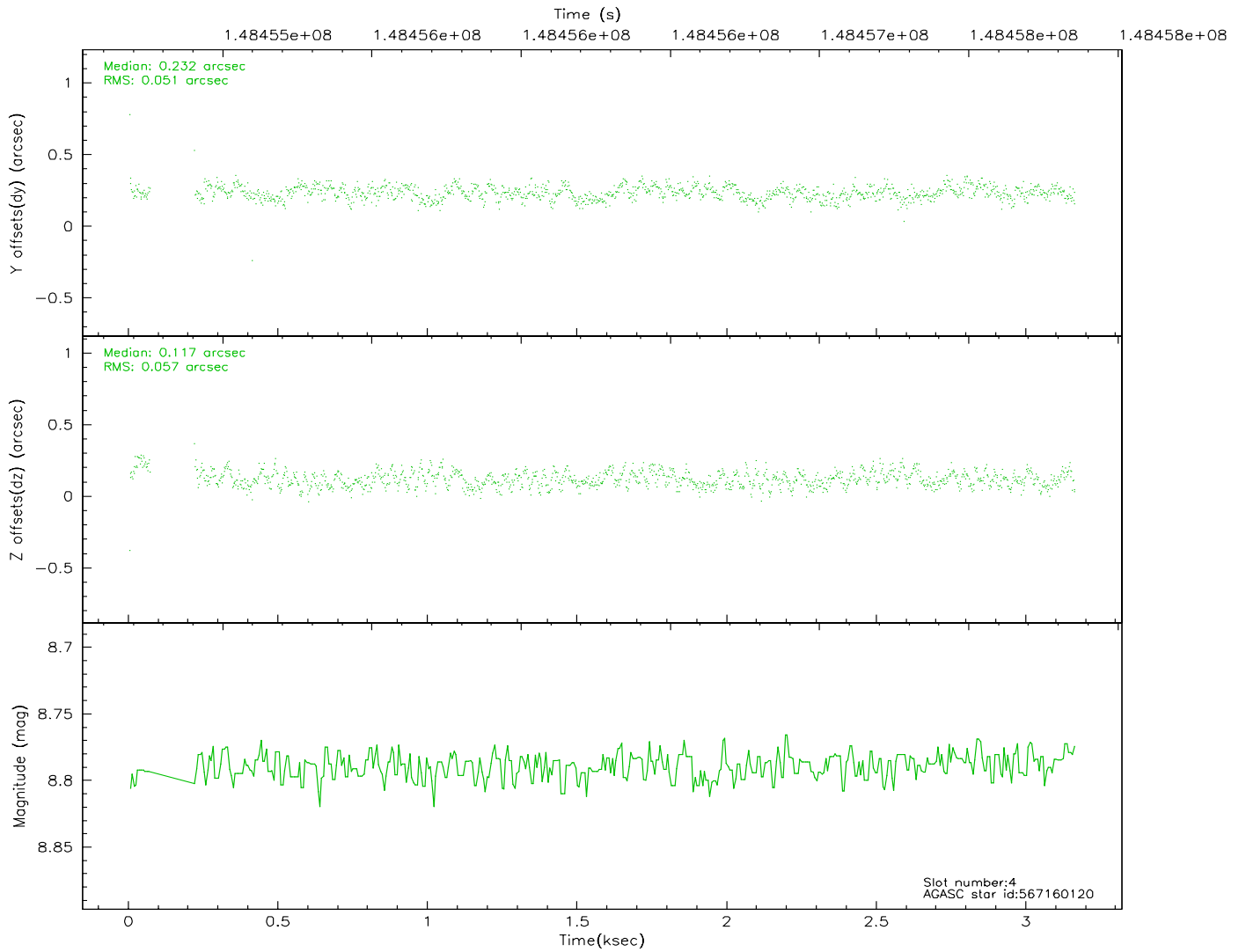
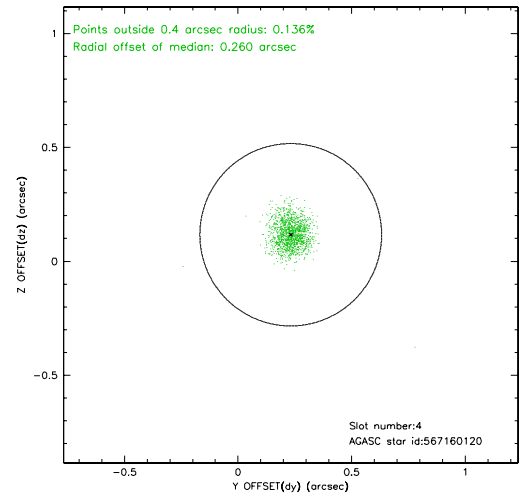
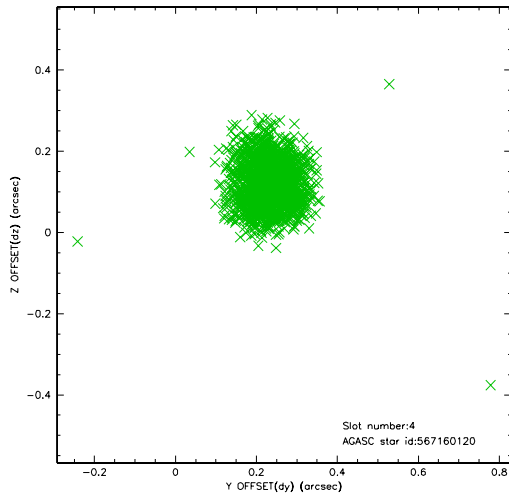
	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2
	FID	HRC-I-1	6.95	735	0.001	0.054	0.006	0.011
	FID	HRC-I-2	7.00	735	0.083	-0.053	0.006	0.011
	FID	HRC-I-3	7.04	735	0.036	-0.090	0.005	0.011
	GUIDE	567166272	6.80	1470	0.015	0.157	0.085	0.131
	GUIDE	567160120	8.79	1470	0.232	0.117	0.078	0.122
	GUIDE	567164688	9.01	1470	-0.216	-0.111	0.076	0.125
	GUIDE	567167832	9.25	1468	-0.032	-0.172	0.085	0.142
0.000	0.000	0.000	0.000000	0.000000	0.00	0.00		

2.4 Star Slots

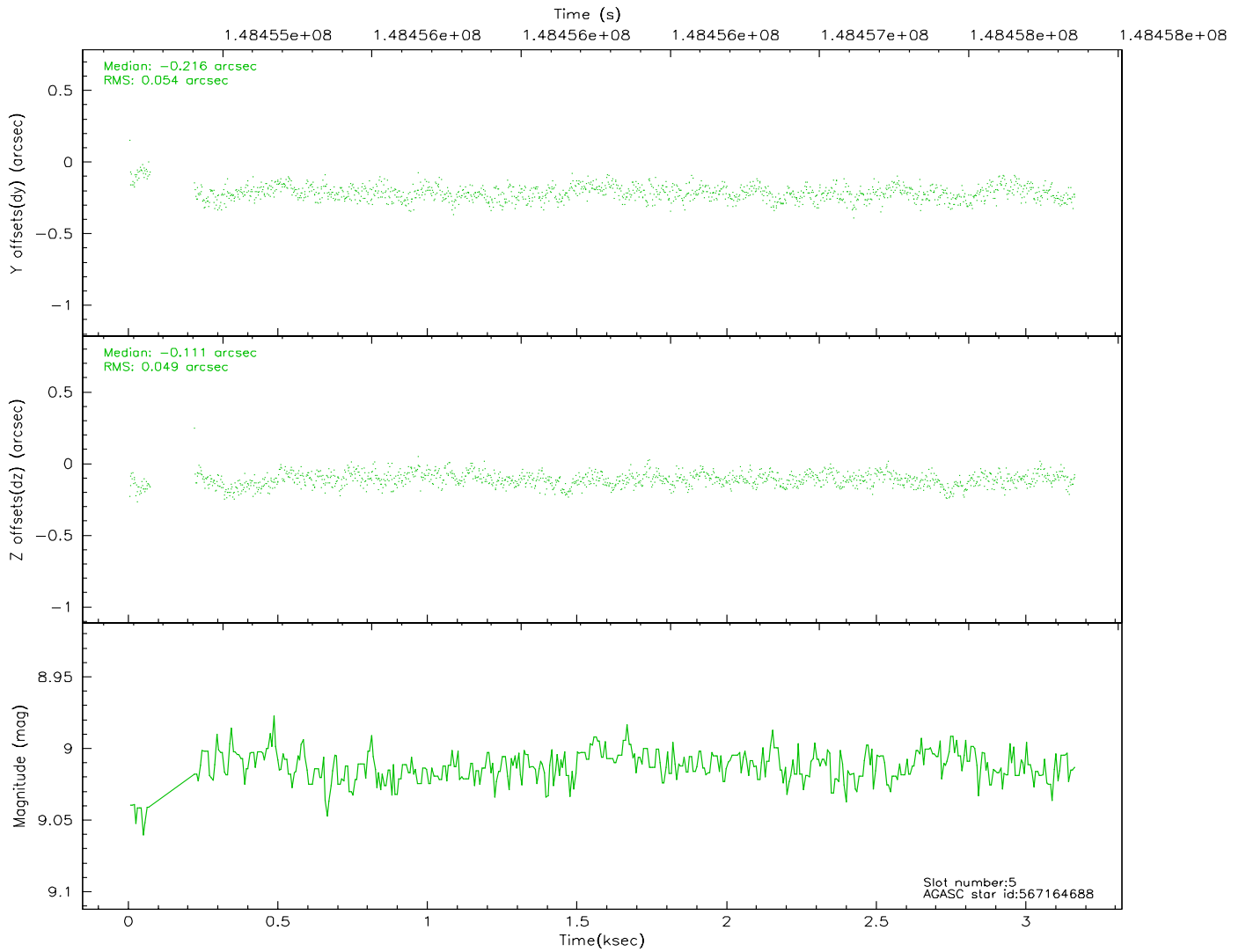
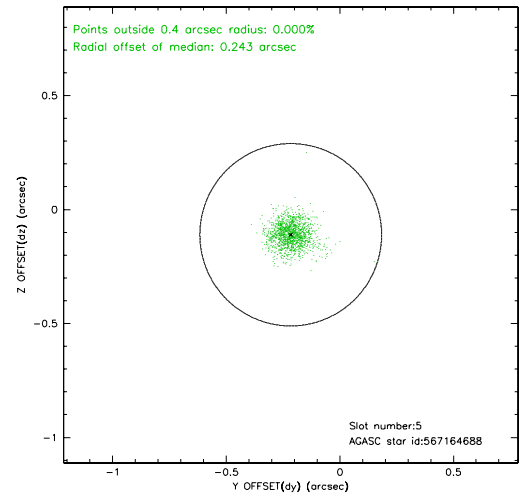
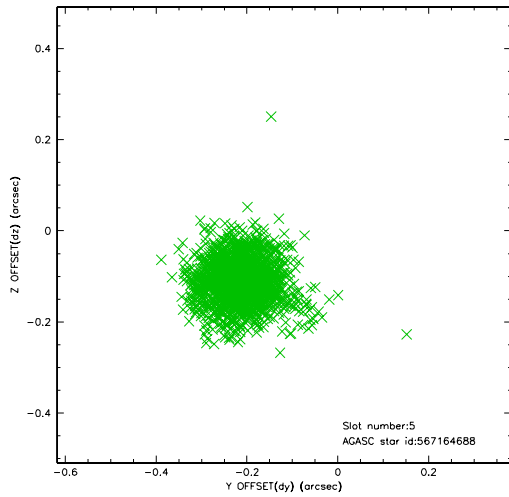
2.4.1 Slot 3



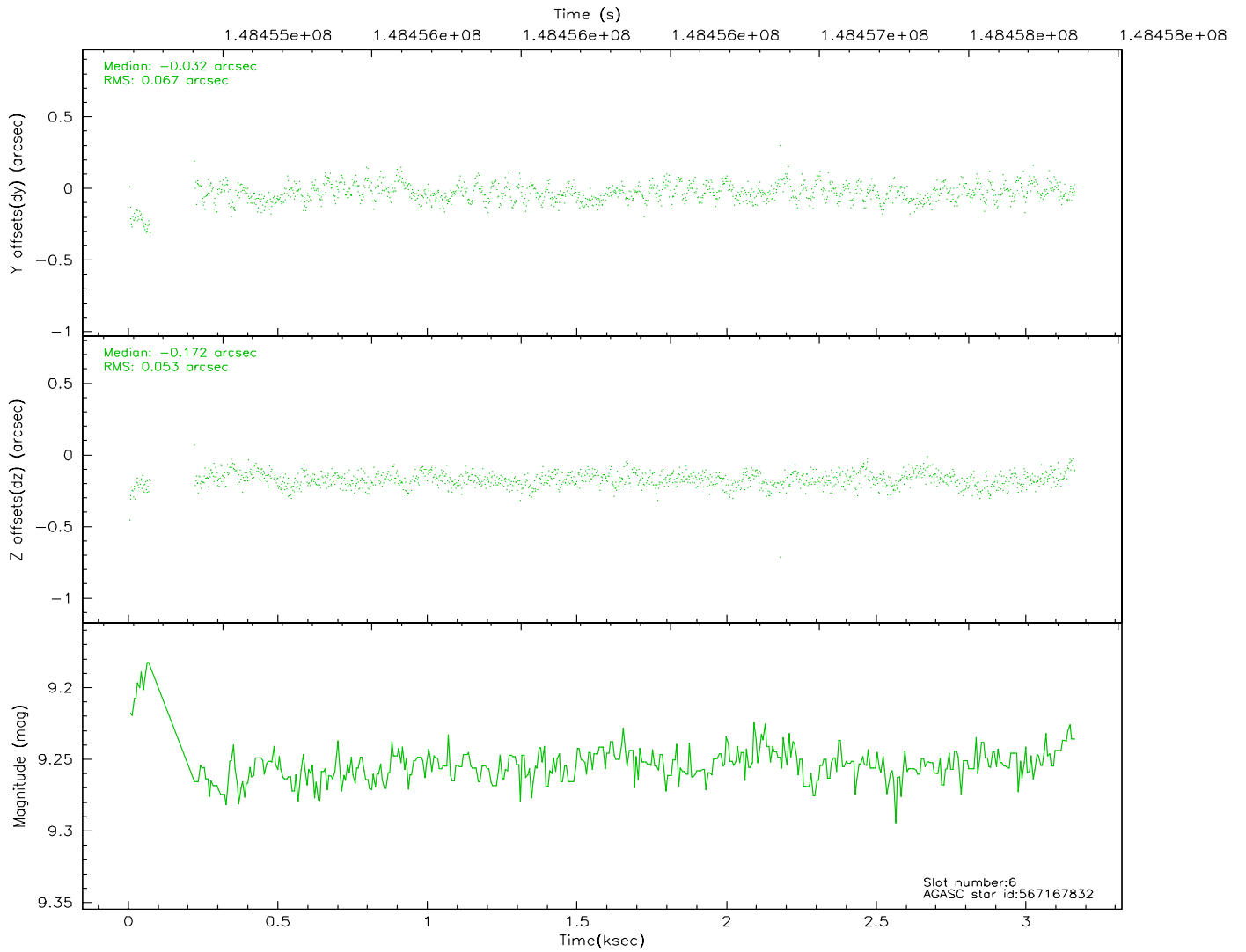
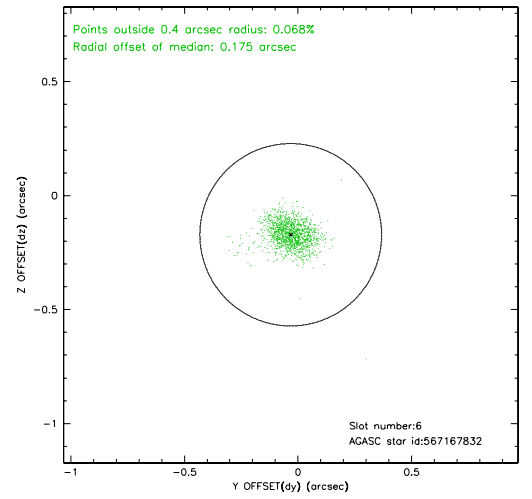
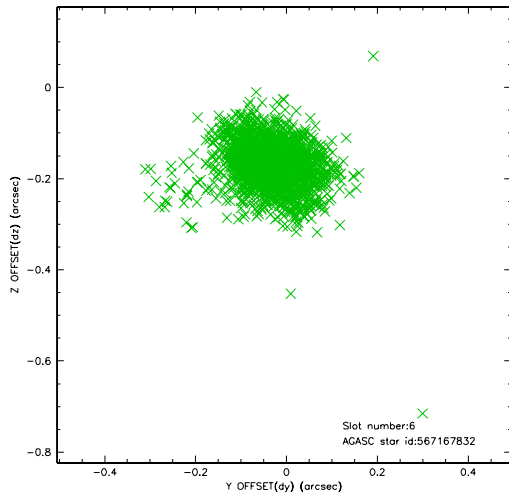
2.4.2 Slot 4



2.4.3 Slot 5

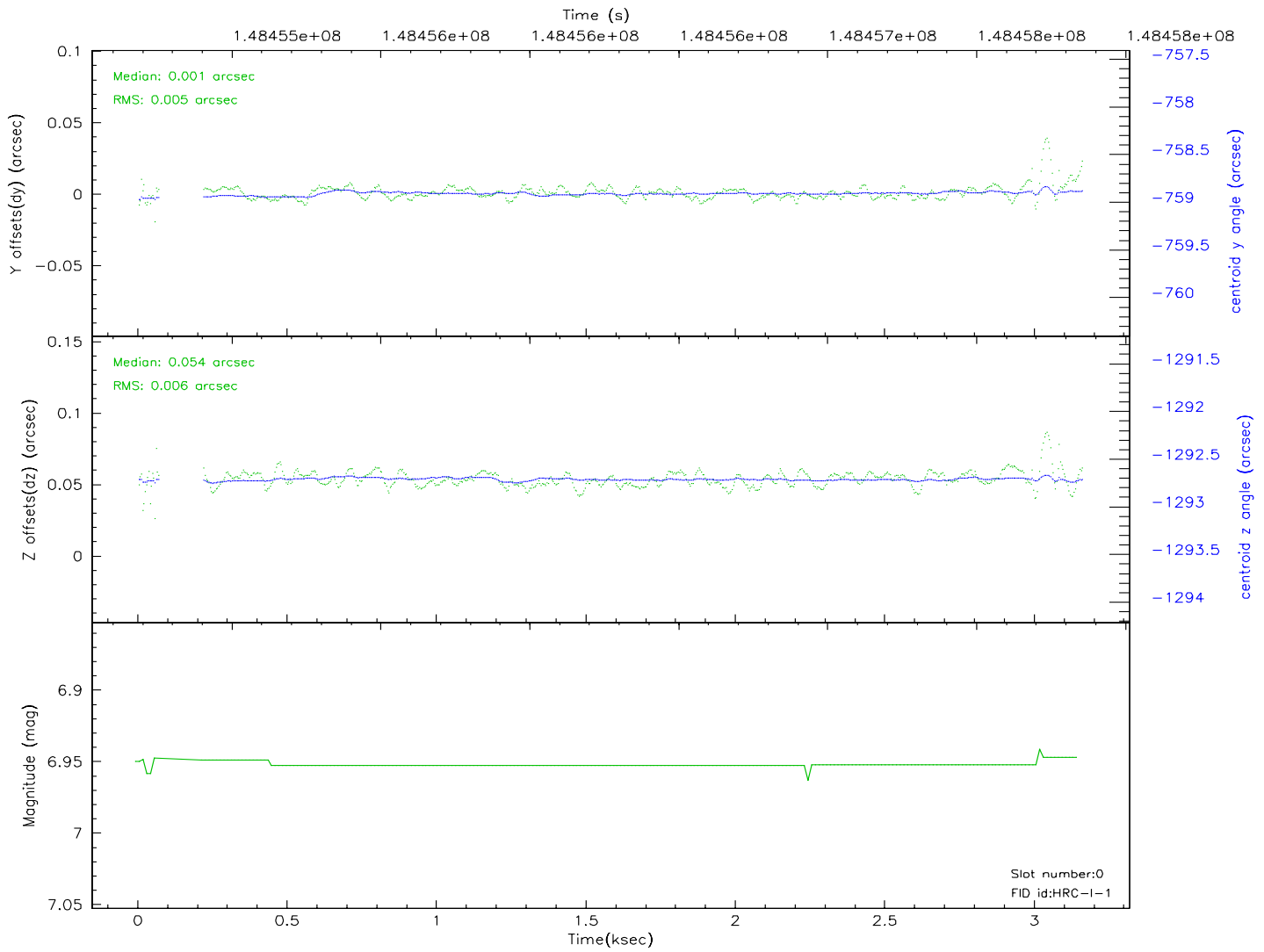
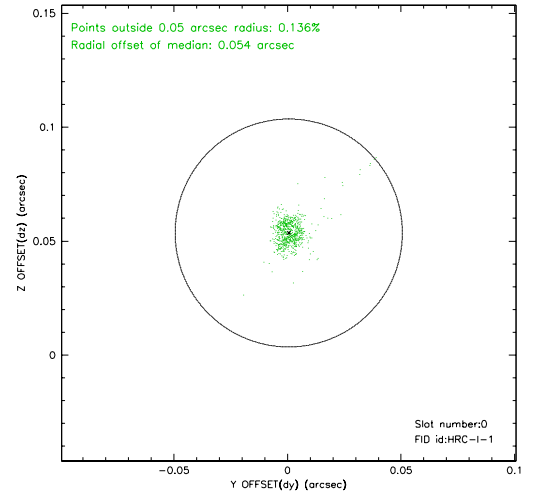
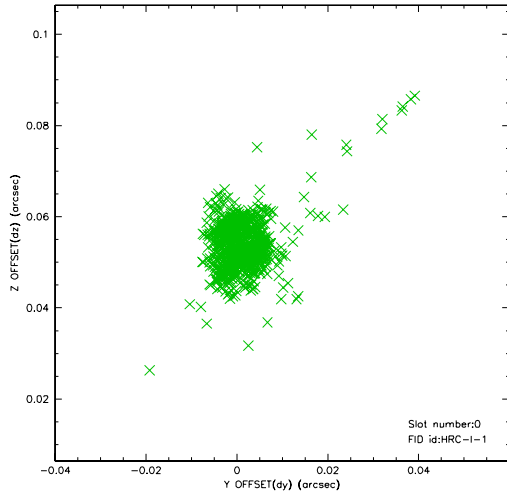


2.4.4 Slot 6

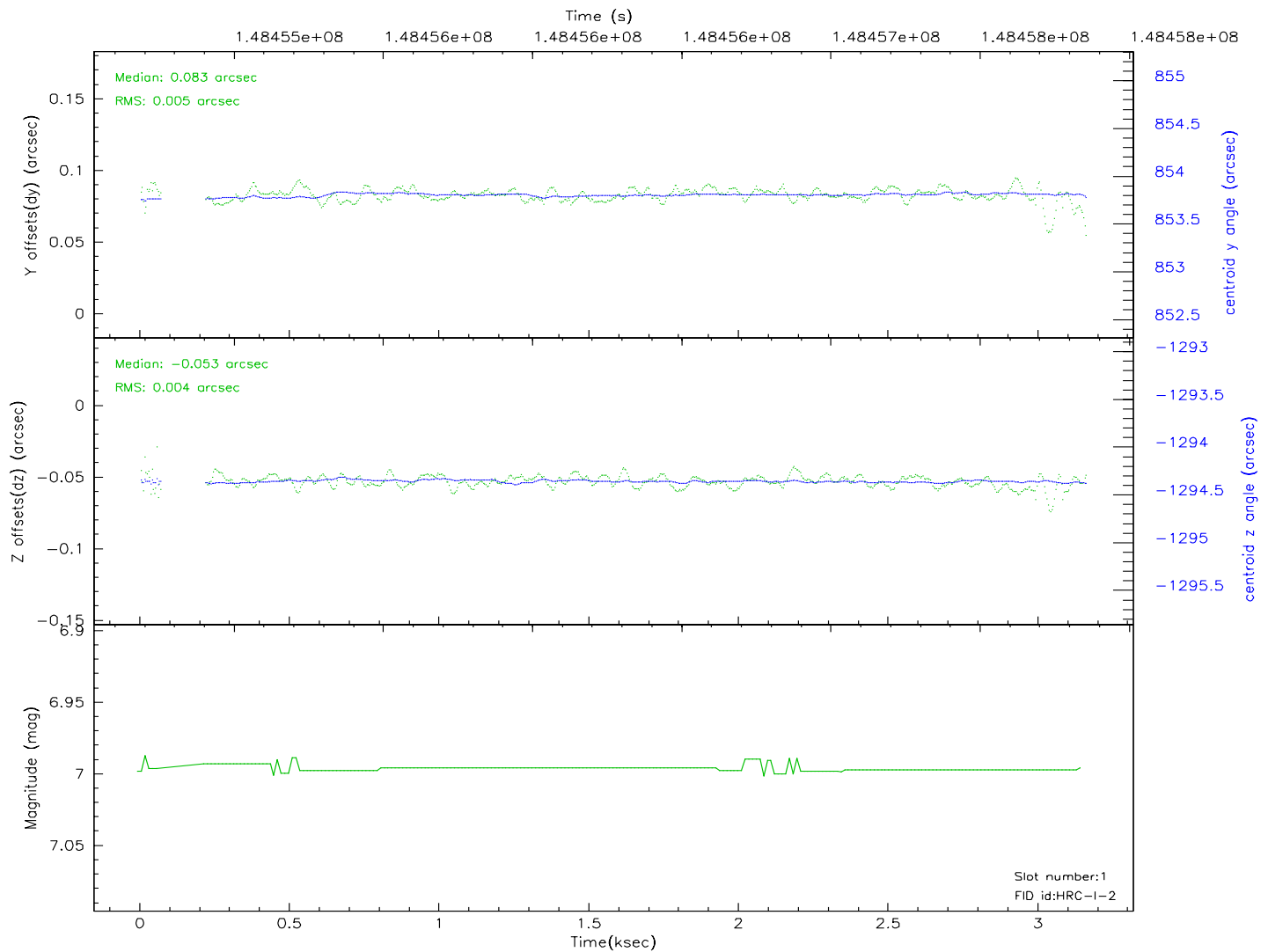
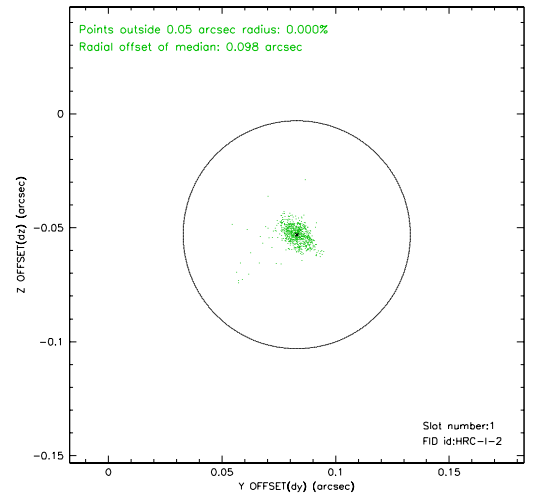
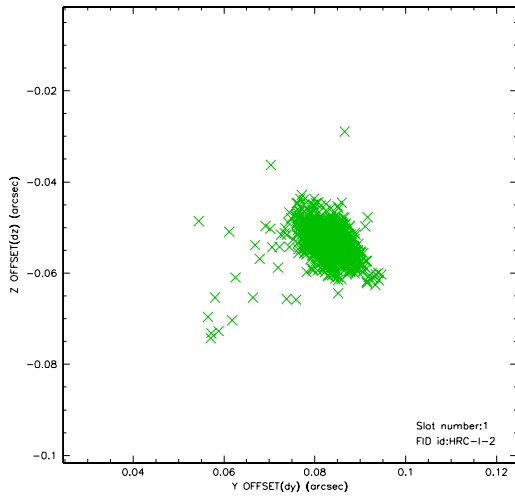


2.5 FID Slots

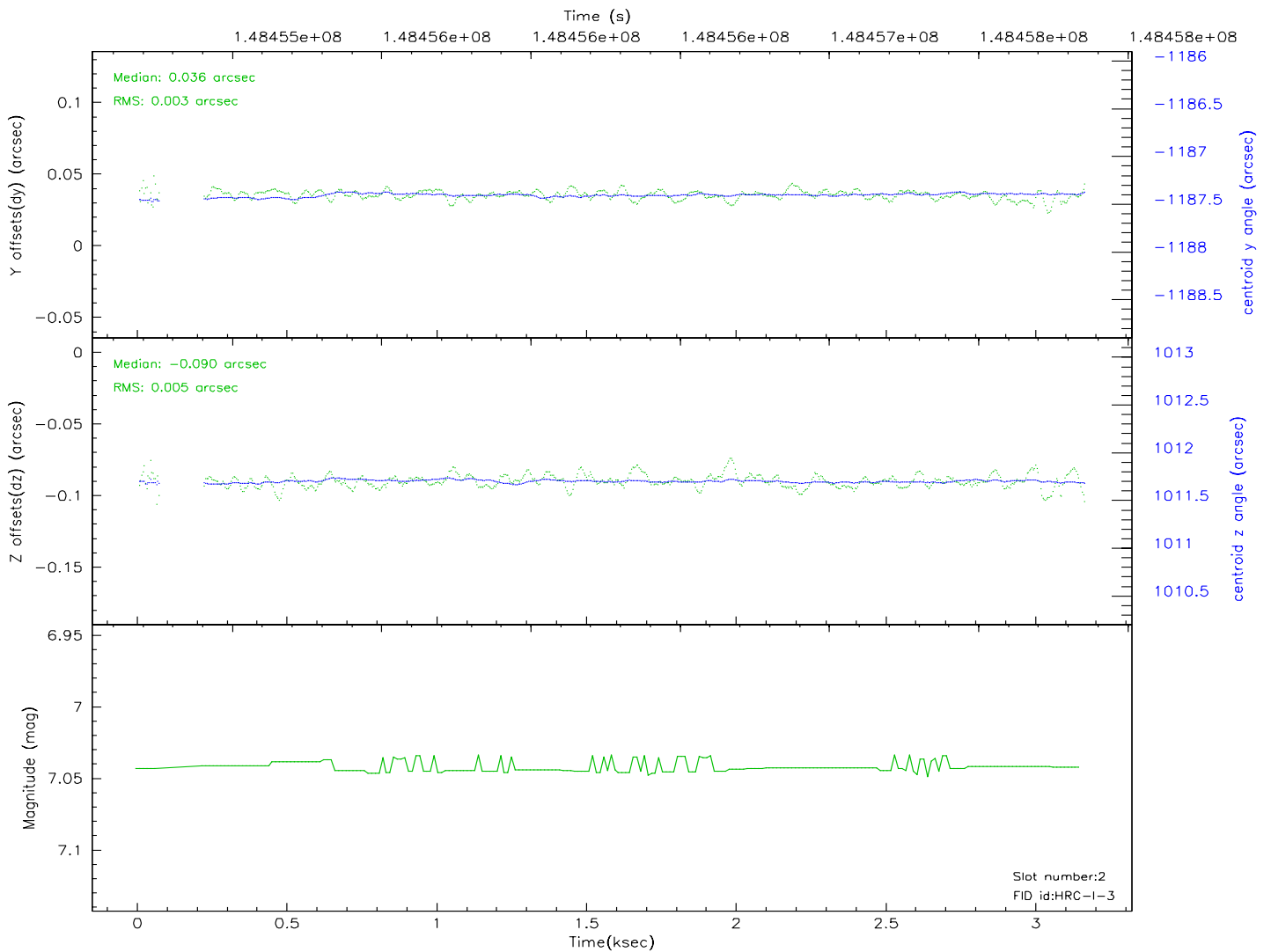
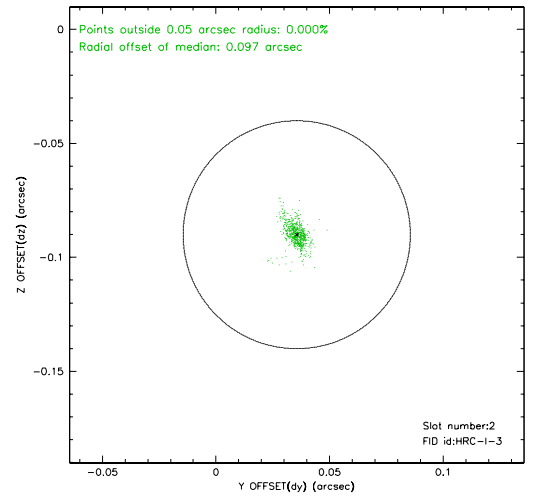
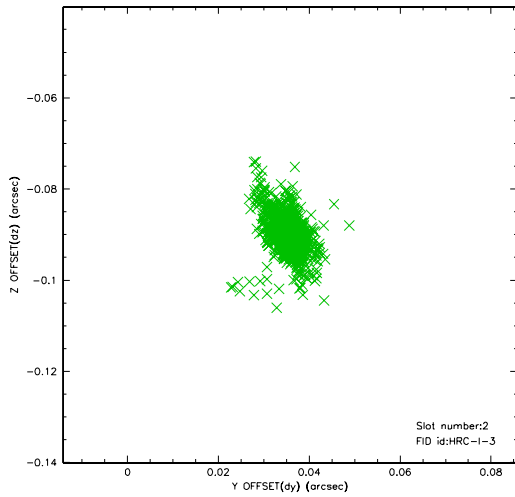
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2

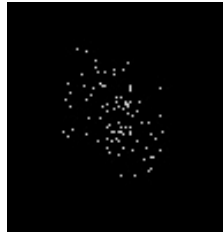


3 Point Sources

3.57 arcmin



2.99 arcmin



18.54 arcmin



18.01 arcmin



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2007.12.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.766

A.2 Comments

The current observation has been reprocessed as part of Repro III ('C' supplement) the purpose of which is to update all HRC-I ObsIDs since Jan 2000 to the latest calibrations available for that configuration. Specifically, we are updating the DEGAP solution and the Gain Maps applied. For more information see the Repro IIIc web page at

<http://asc.harvard.edu/cda/repro3.html#IIIc>

and the associated links.