

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 1008 - L2 Version 5
Chandra X-Ray Center

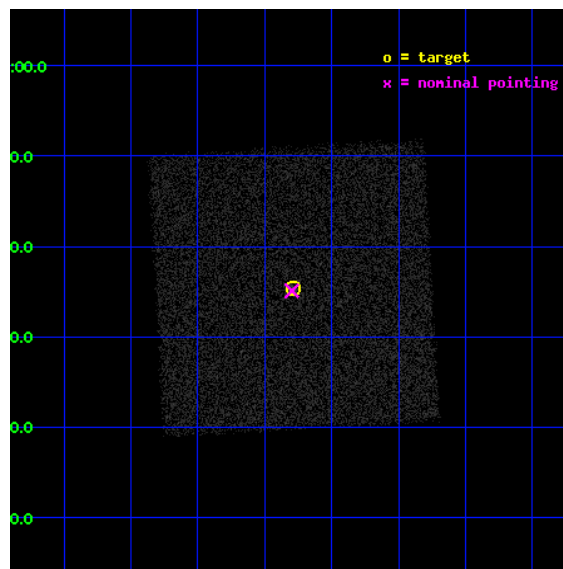
L2 Processing Date : Sep 4 2012

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1 Front

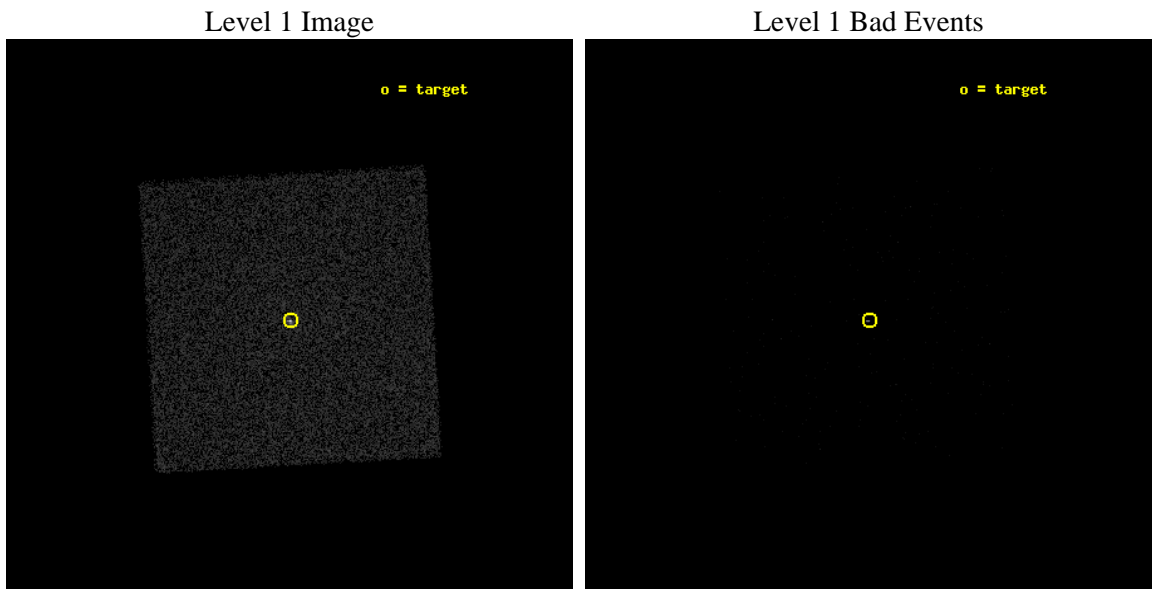
seq_num	390000	Sequence number
obs_id	1008	Observation id
title	HRC-I FOCUS CHECK	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	HR1099	Source name
ra_targ	54.197083	Observer's specified target RA [deg]
dec_targ	0.589972	Observer's specified target Dec [deg]
ra_nom	54.19924759343	Nominal RA [deg]
dec_nom	0.58491933683511	Nominal Dec [deg]
roll_nom	311.70263305284	Nominal Roll [deg]
revision	5	Processing version of data
ontime	1499.8313073516	[s]
livetime	1492.8636070216	Ontime multiplied by DTCOR
l2events	36909	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	0	Obi number	sched_exp_time	1350.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1499.8313073516	[s]
caldbver	4.5.1.1	 	l1events	82237	Number of level 1 events
date	2012-09-04T18:10:55	Date and time of file creation			
revision	5	Processing version of data			

2.1.3 Events

Level 1 Events

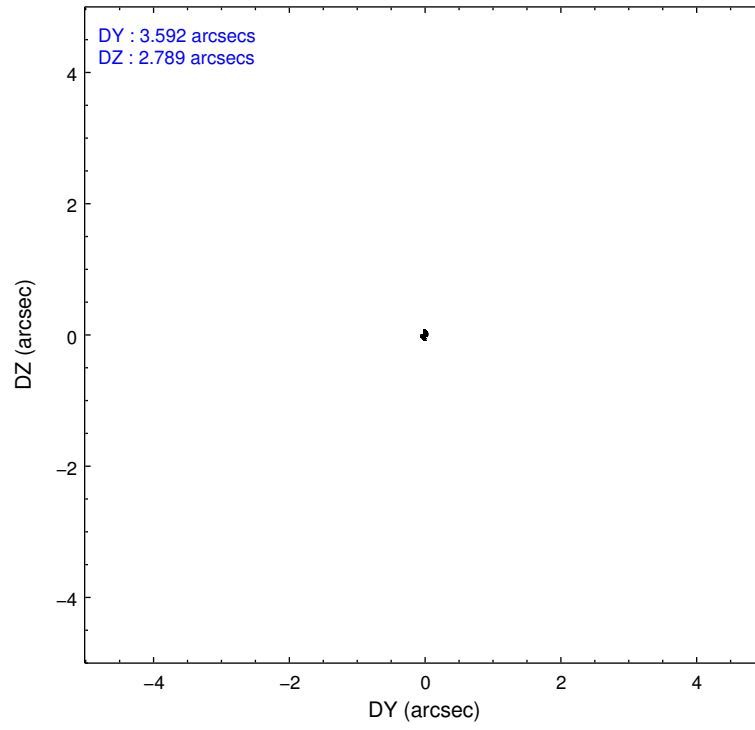
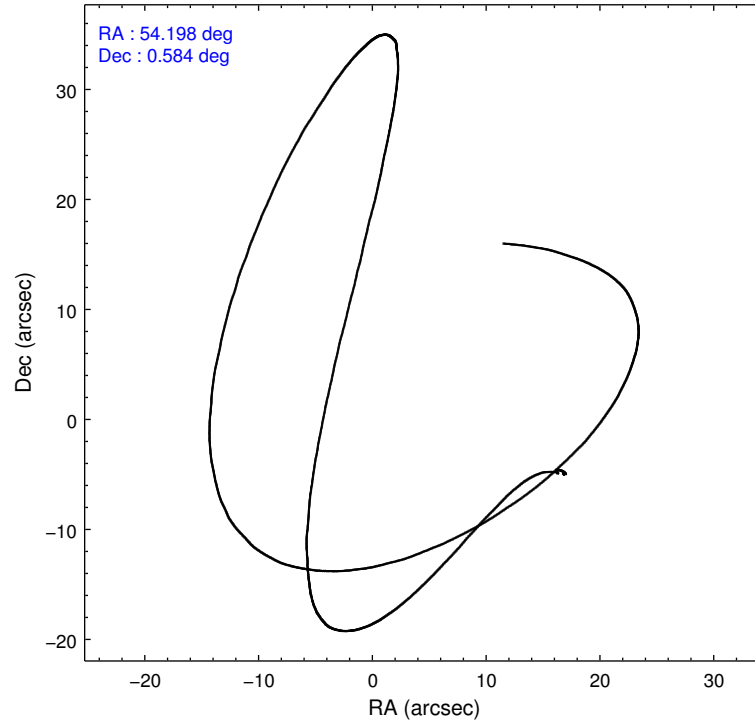
	segment 0
level 1 events	82237
rejected events	28271
rejected %	34%

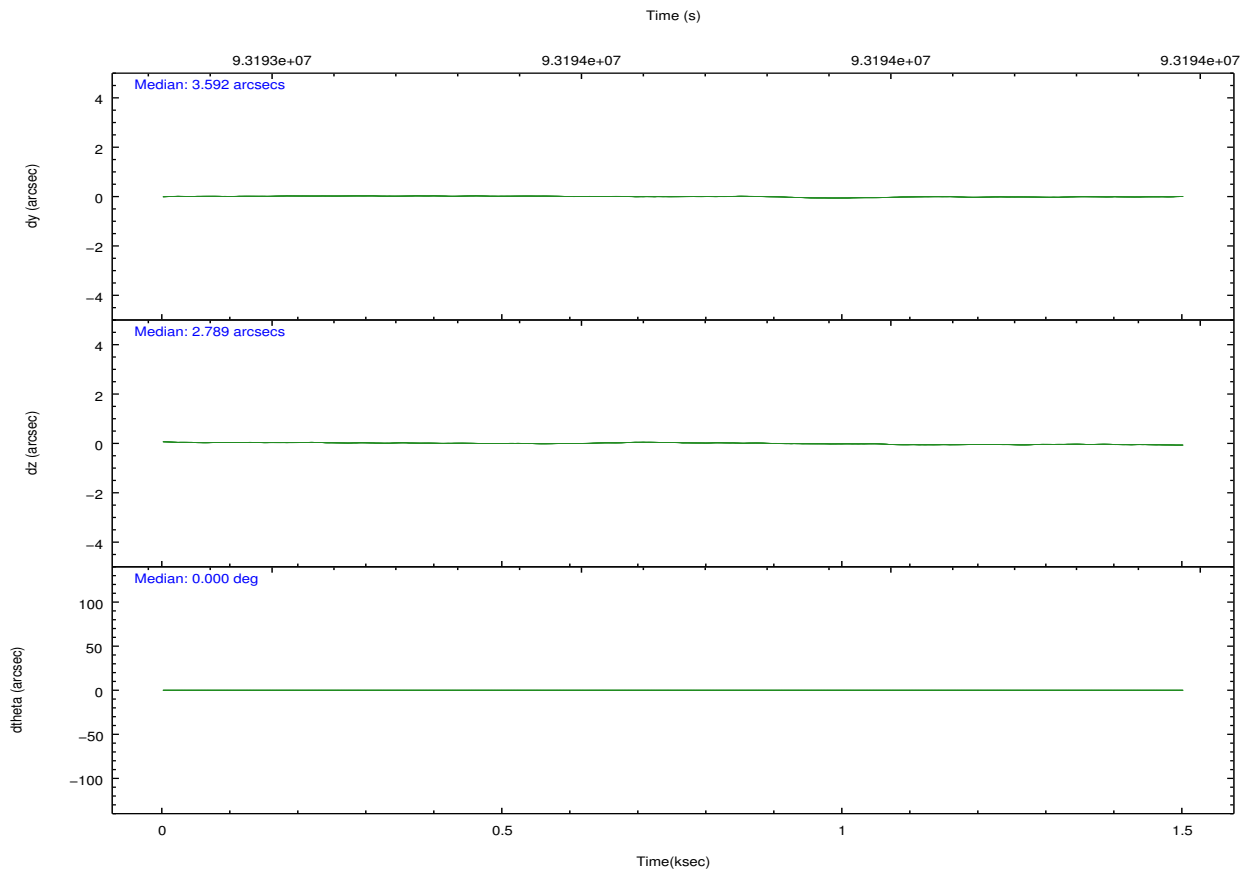
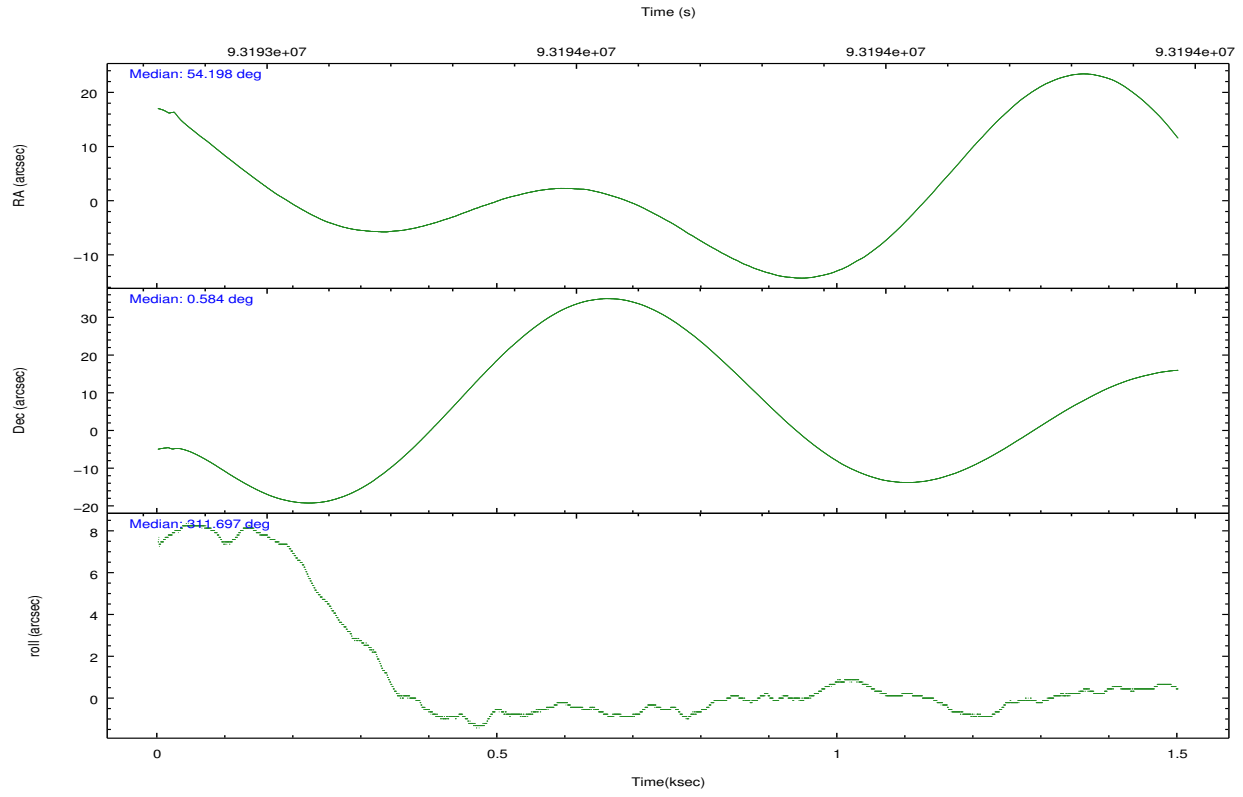
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-I	HRC-I
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	54.172509	54.19924759343039
[deg] Pointing Dec	0.593944	0.5849193368351064
[deg] Pointing Roll	311.798356	311.7026330528359
[s] Window start time (MET)	89424064.184000	89424064.184000
[s] Window stop time (MET)	94521664.184000	94521664.184000
[mm] SIM focus pos	-1.040293	-1.038866356238299
[mm] SIM defocus	0	0.001426264420575141
[mm] SIM translation stage pos	126.985494	126.9804656746847
[mm] SIM translation stage offset	0	0.005023216916882234
[s] Observation start time (MET)	93193048.184000	93192265.21878999
Observation start date	2000-12-14T14:56:24	2000-12-14T14:44:25
[s] Observation end time (MET)	93194398.184000	93194531.493876
Observation end date	2000-12-14T15:18:54	2000-12-14T15:22:11

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED

2.3 Aspect



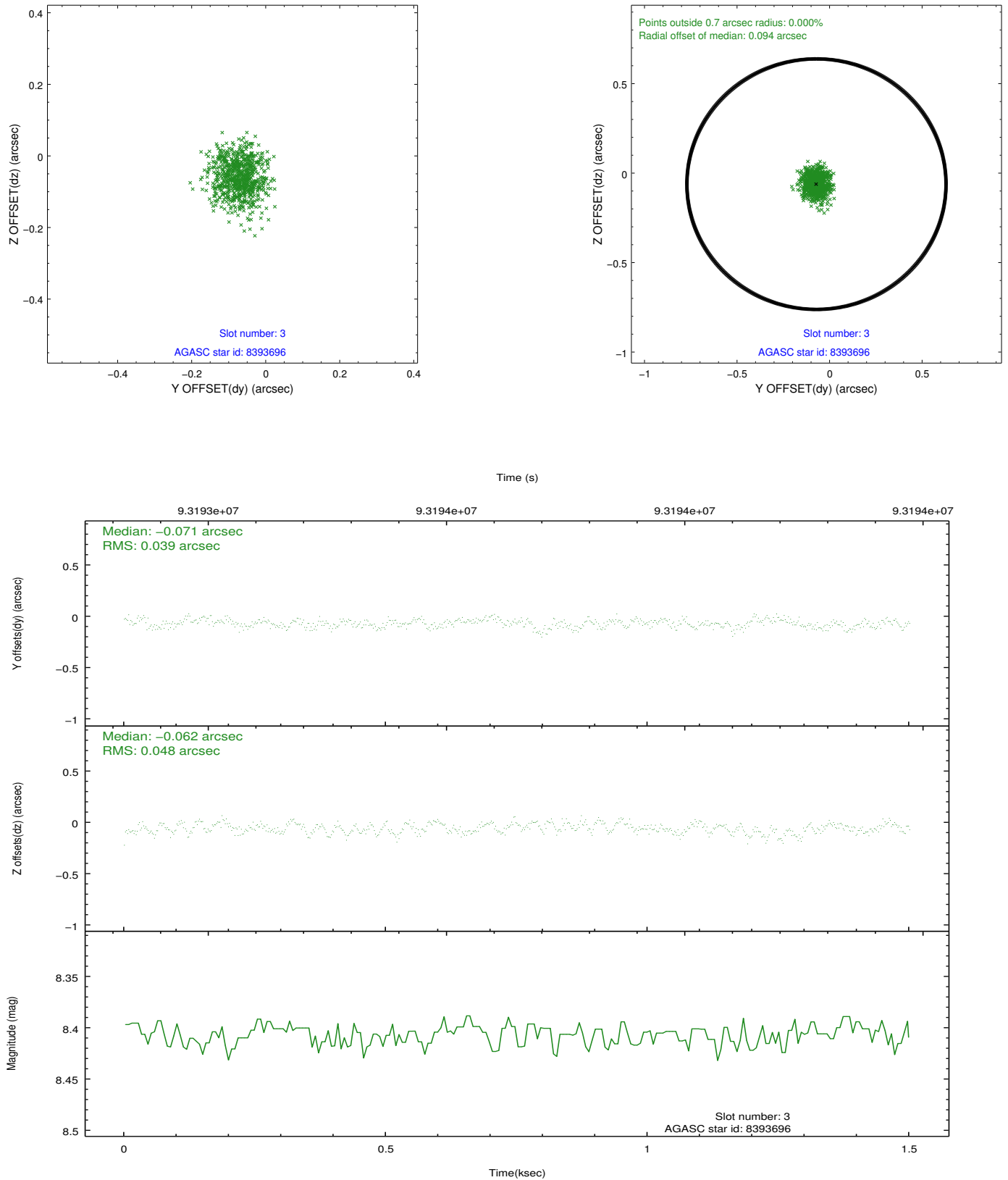


Slot Statistics

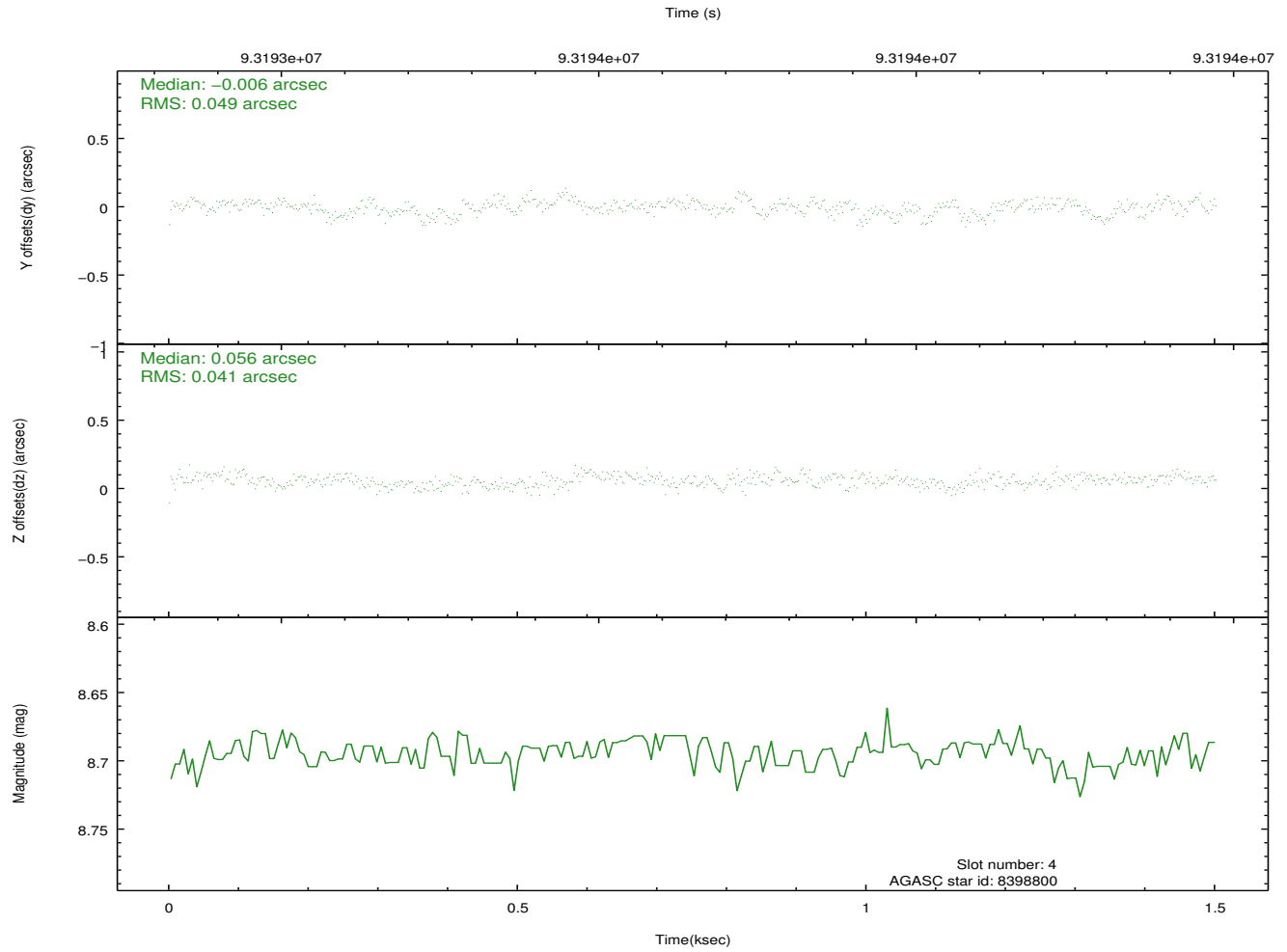
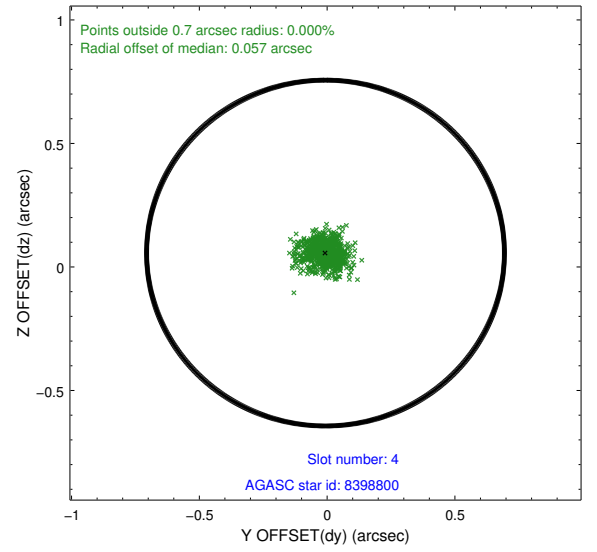
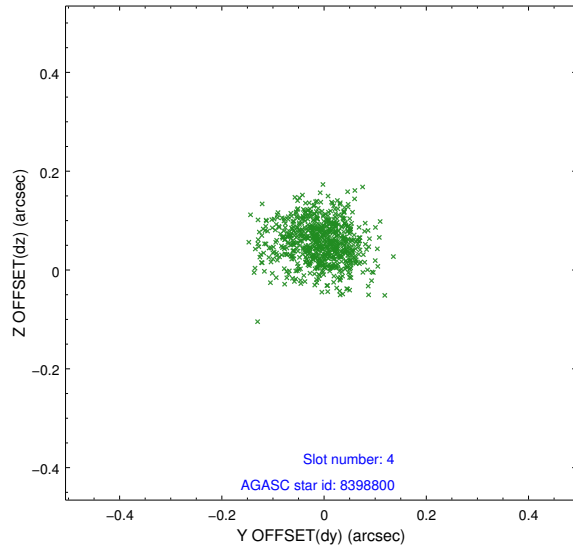
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	366	0.037	-0.032	0.000	0.000	0.000000	0.000000	-758.84	-1290.61
1	BAD	HRC-I-3	7.03	6	0.365	-0.032	0.017	0.027	0.000000	0.000000	-1313.82	798.73
2	UNUSED		0.00	0	0.000	0.000	0.000	0.000	0.000000	0.000000	0.00	0.00
3	GUIDE	8393696	8.41	733	-0.071	-0.062	0.067	0.104	53.645666	0.680479	-1499.52	-1206.05
4	GUIDE	8398800	8.70	733	-0.006	0.056	0.067	0.114	54.242352	0.922024	-718.32	973.29
5	GUIDE	8395104	8.67	733	-0.034	0.044	0.082	0.127	54.744893	0.796520	825.15	2023.97
6	GUIDE	8390744	9.02	733	-0.040	0.064	0.067	0.116	53.677290	0.926294	-2082.21	-528.45
7	GUIDE	618141232	8.99	732	0.159	-0.110	0.093	0.158	54.173459	-0.292336	2375.24	-2124.38

2.4 Star Slots

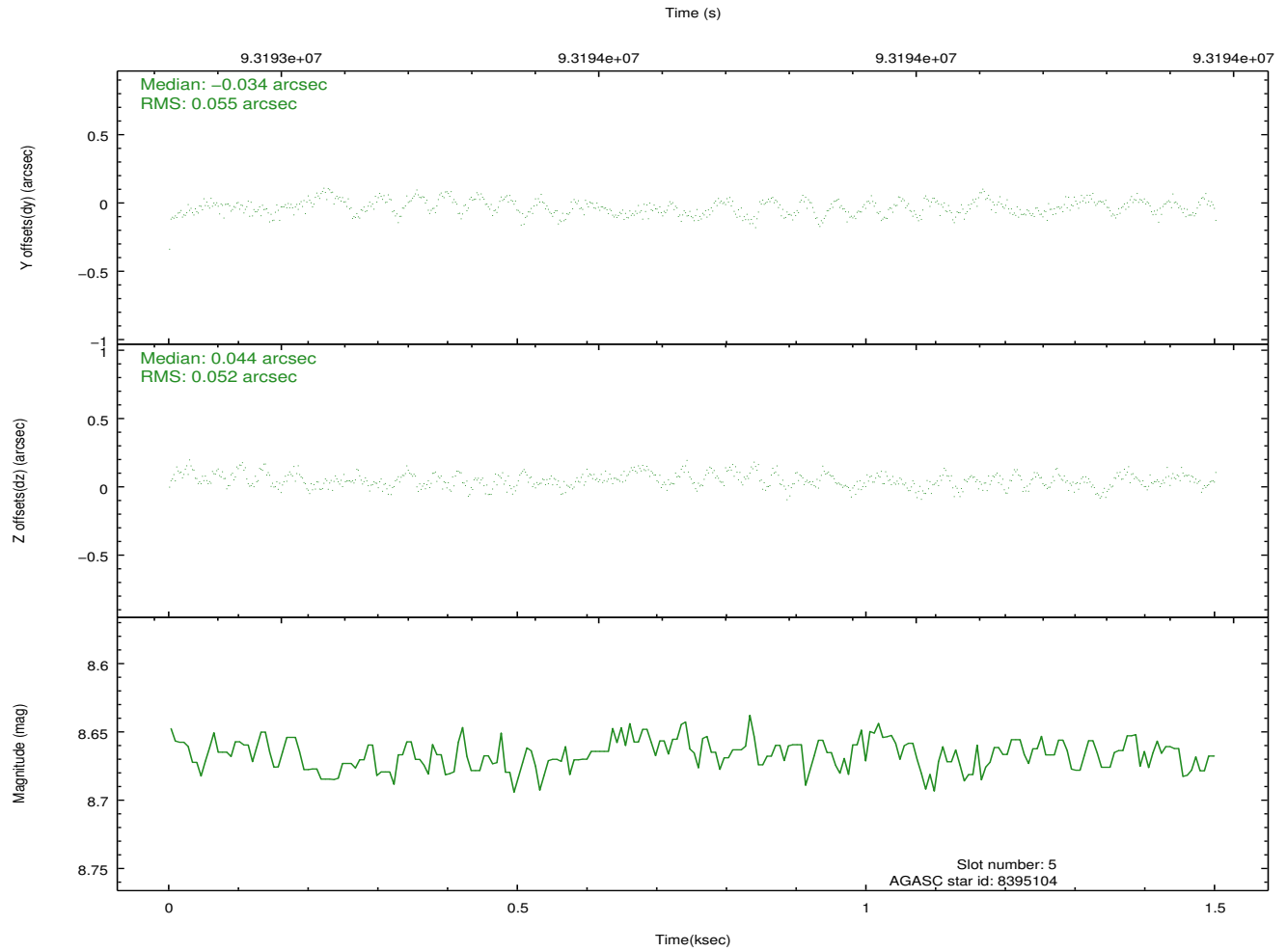
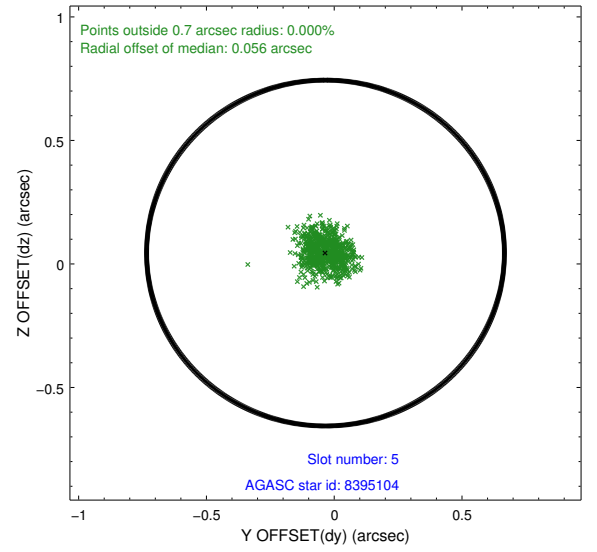
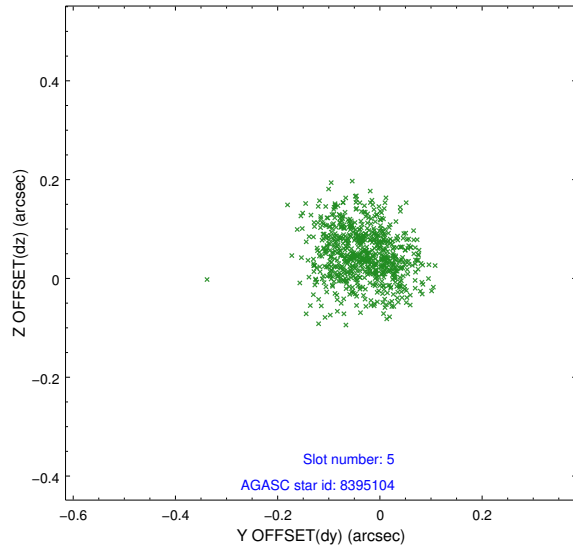
2.4.1 Slot 3



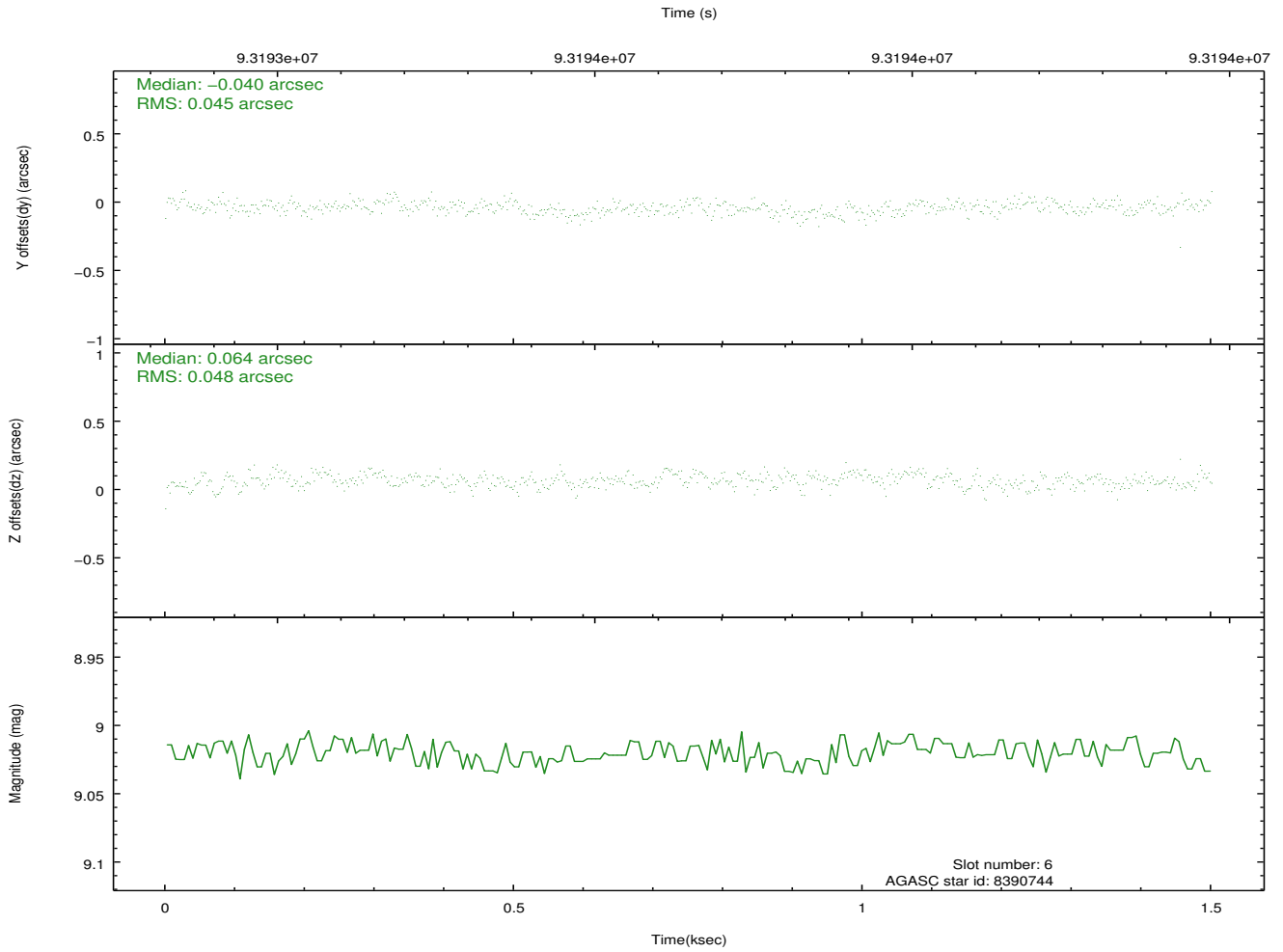
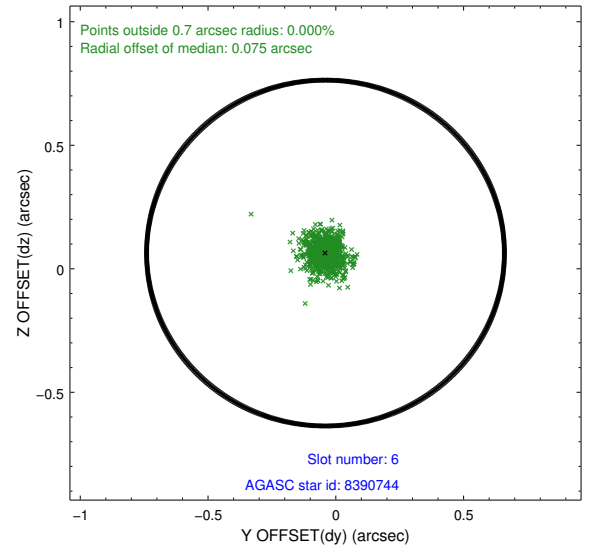
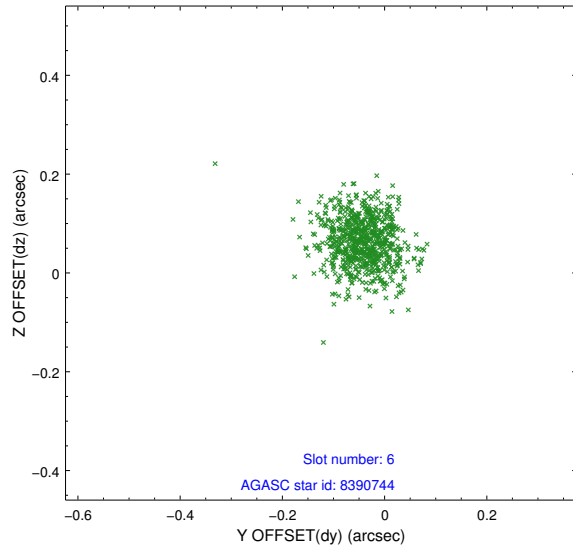
2.4.2 Slot 4



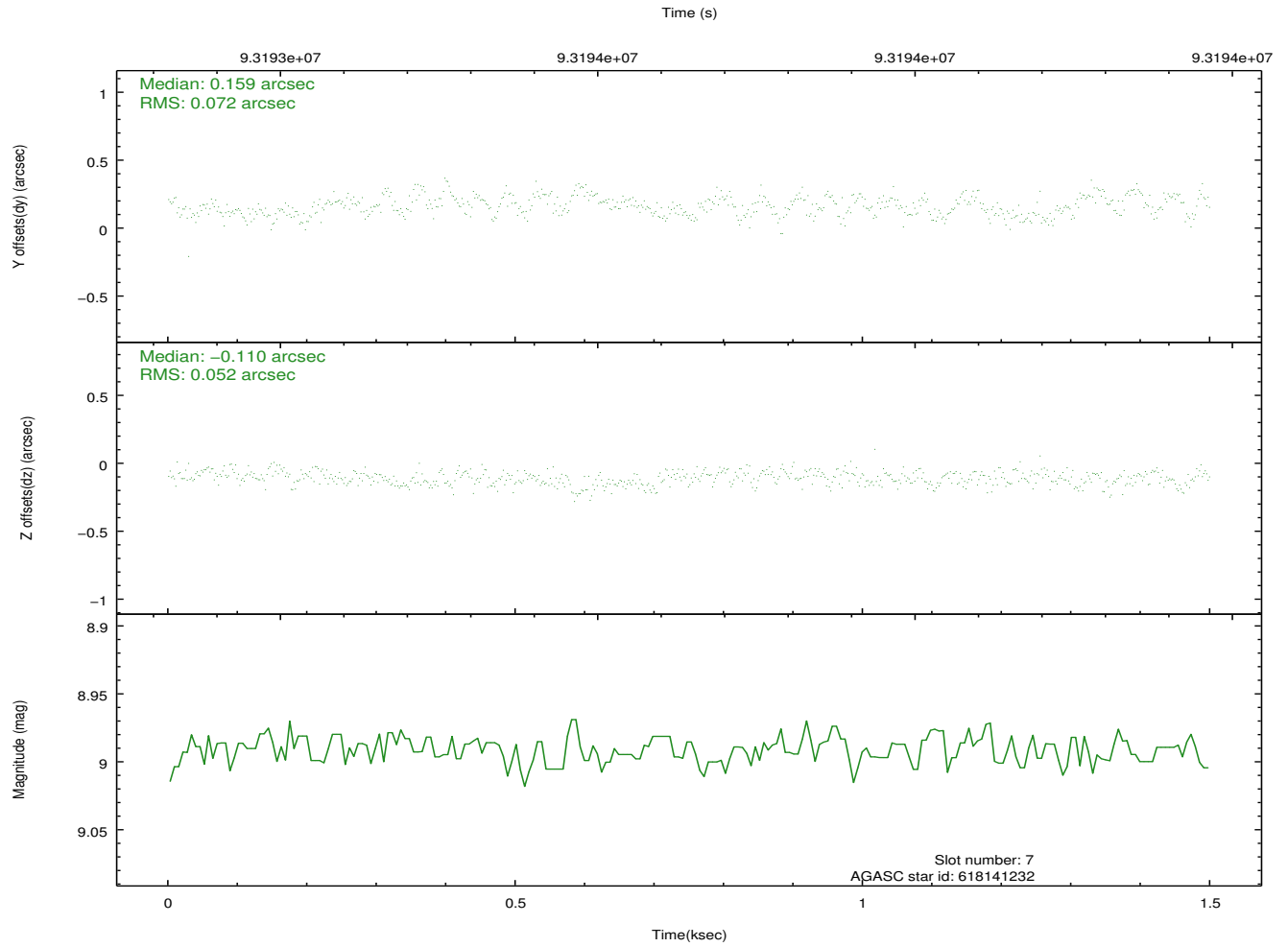
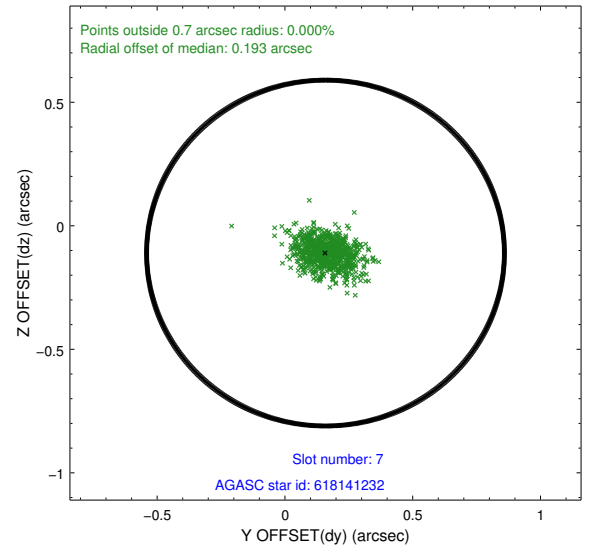
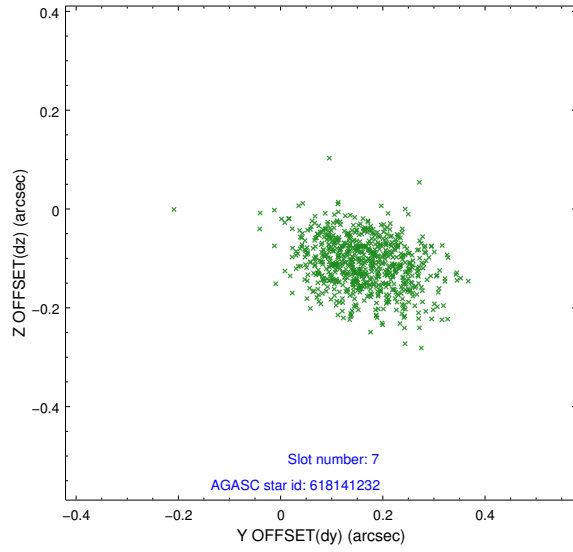
2.4.3 Slot 5



2.4.4 Slot 6

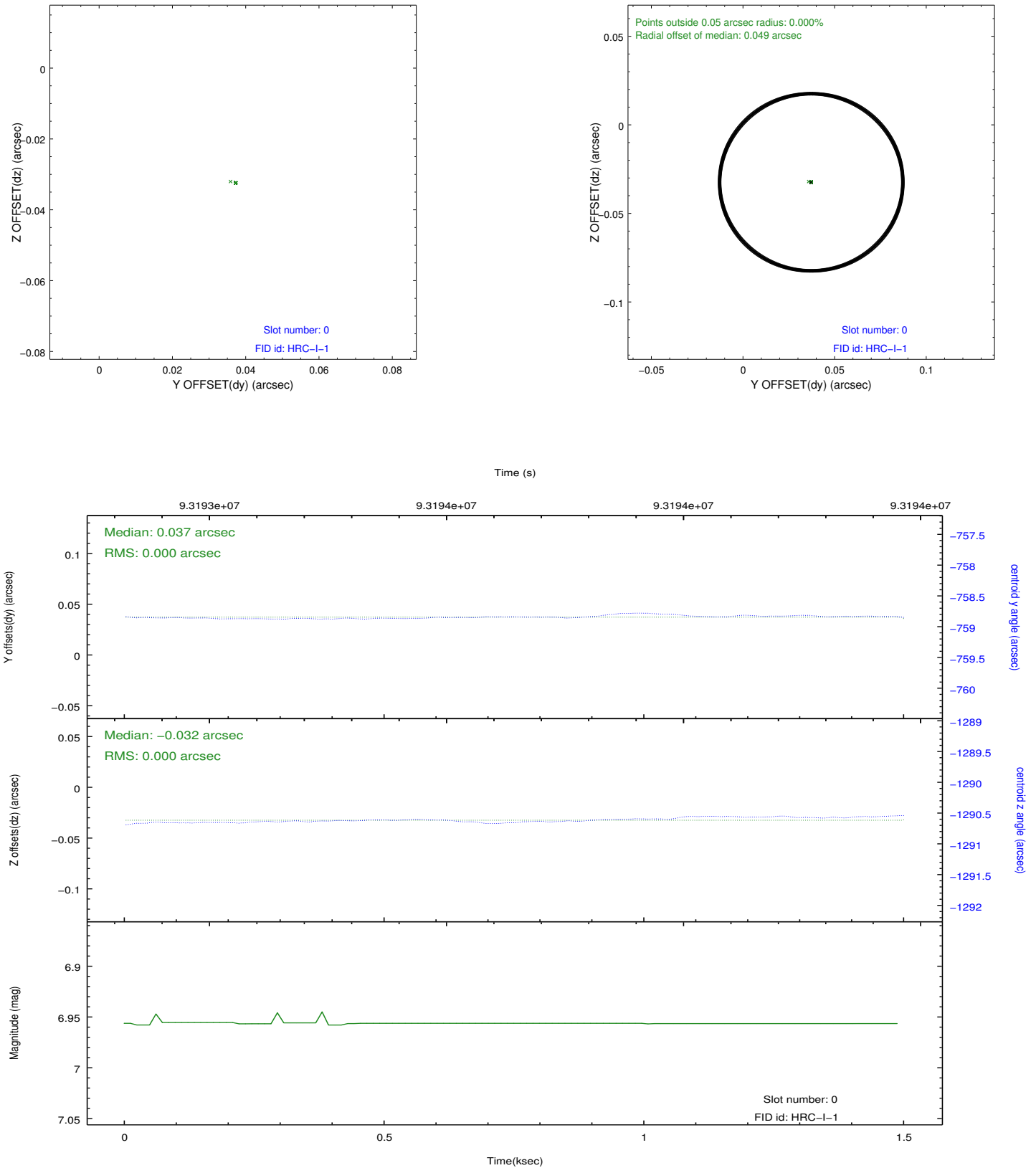


2.4.5 Slot 7

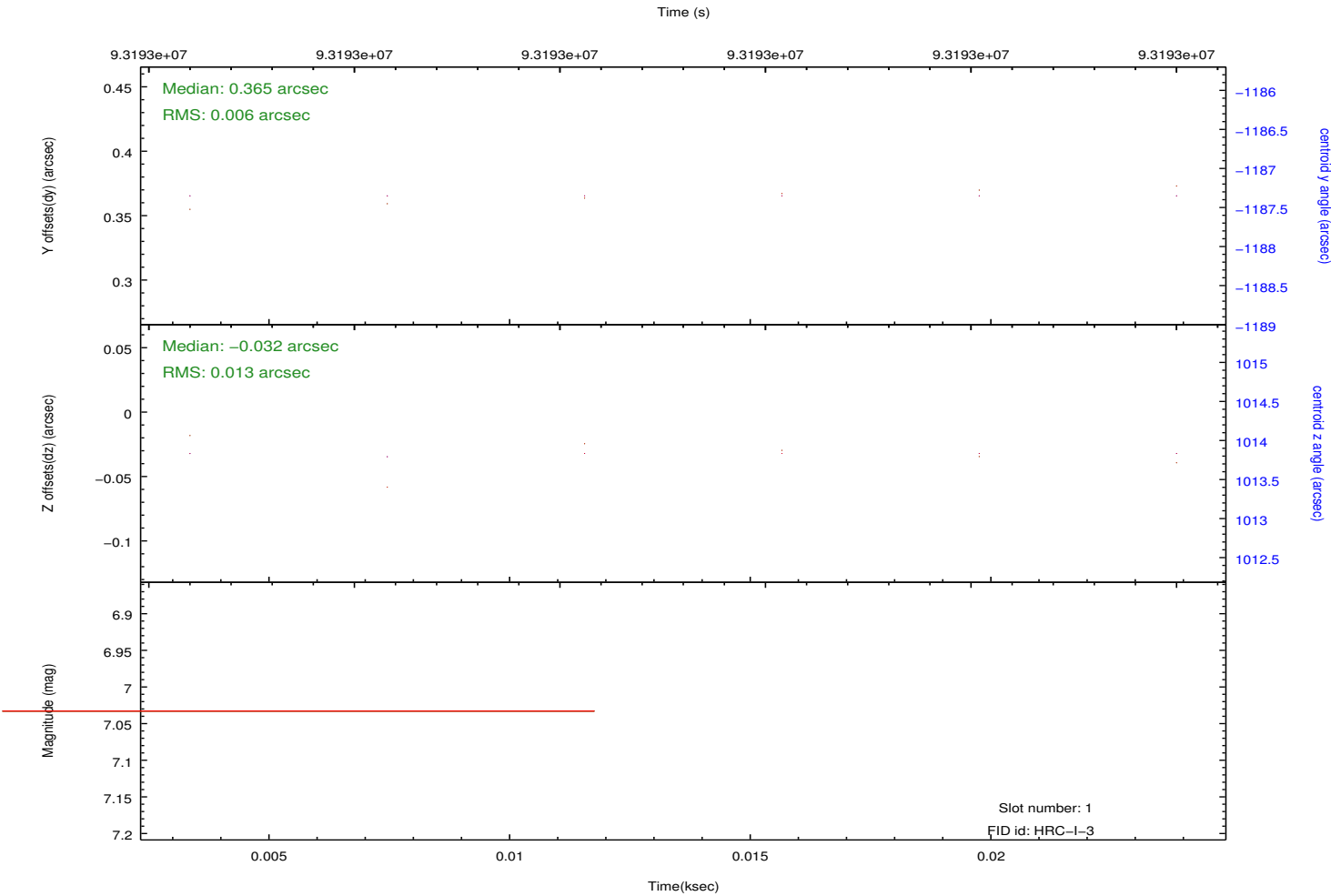
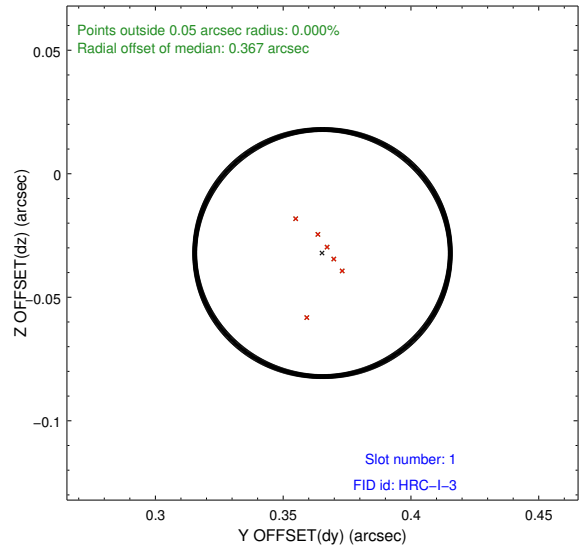
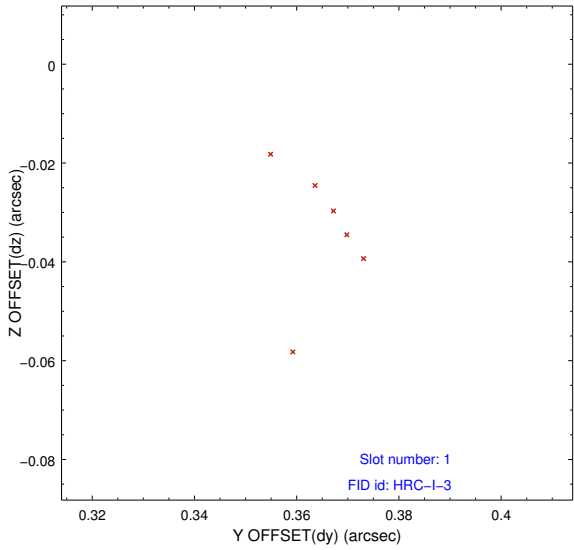


2.5 FID Slots

2.5.1 Slot 0



2.5.2 Slot 1



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.13
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.499

A.2 Comments

Window constraint met. The fid light in slot 1 was dropped from the aspect solution due to poor data quality; it was only tracked 1.91% of the observation. The fid light in slot 2 was unused during this observation. The aspect team deems this aspect solution acceptable for calibration purposes.