

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13035 - L2 Version 4
Chandra X-Ray Center

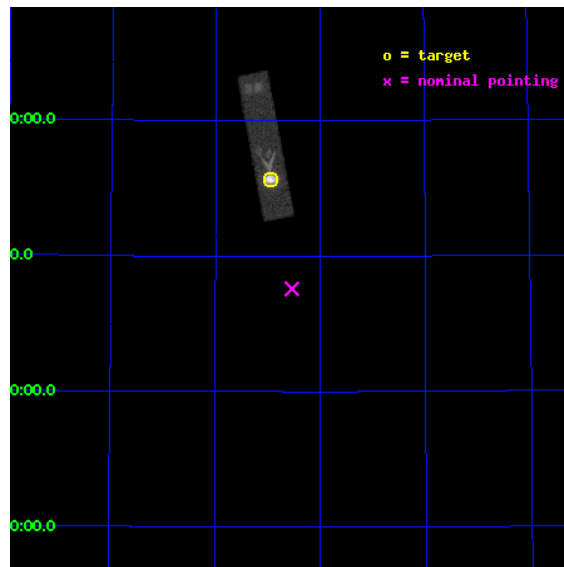
L2 Processing Date : Aug 9 2012

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1 Front

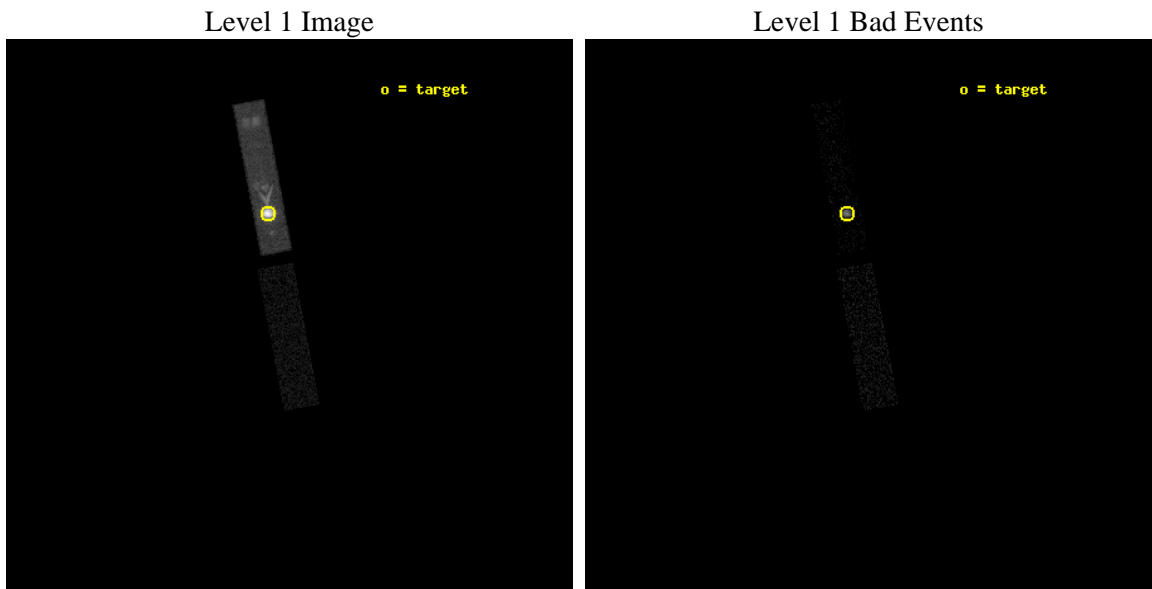
seq_num	290954	Sequence number
obs_id	13035	Observation id
title	AO-12 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.1354546435	Nominal RA [deg]
dec_nom	38.379736029512	Nominal Dec [deg]
roll_nom	79.236301221146	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1179.7750610709	[s]
liveltime	495.73119489458	Ontime multiplied by DTCOR
l2events	209323	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	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	1179.7750610709	[s]
caldbver	4.5.1.1	 	l1events	257252	Number of level 1 events
date	2012-08-09T22:43:30	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

Level 1 Events

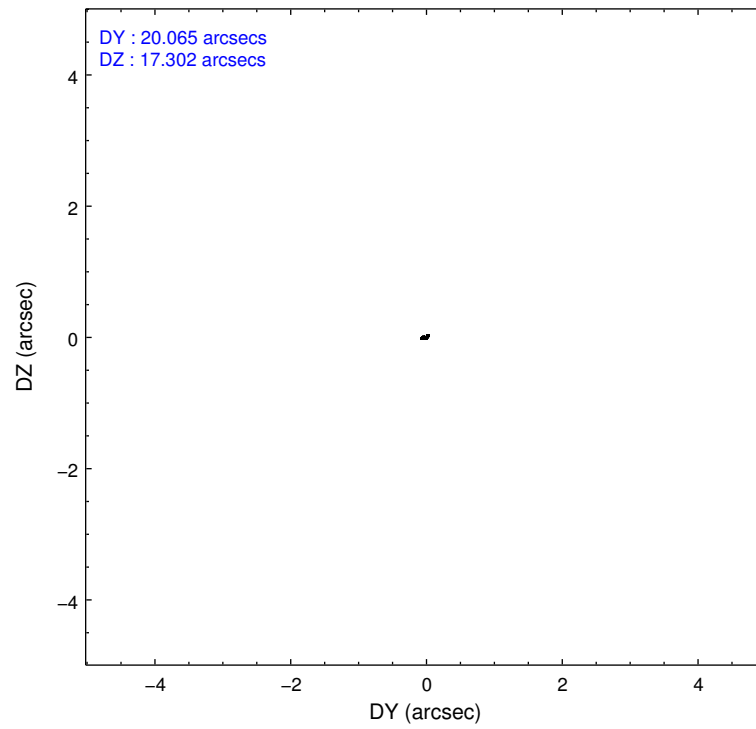
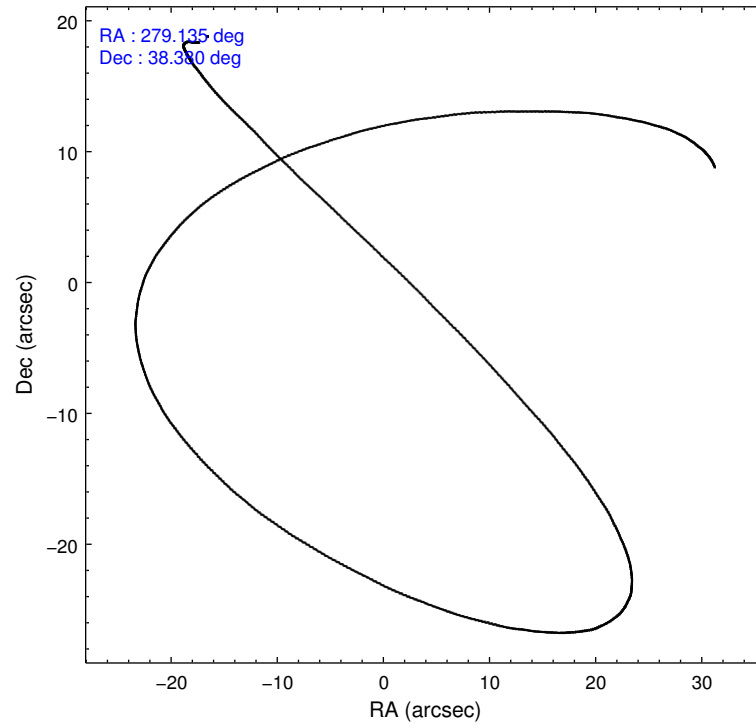
	segment 1	segment 2	segment 3
level 1 events	1	5001	252250
rejected events	1	4968	34723
rejected %	100%	99%	13%

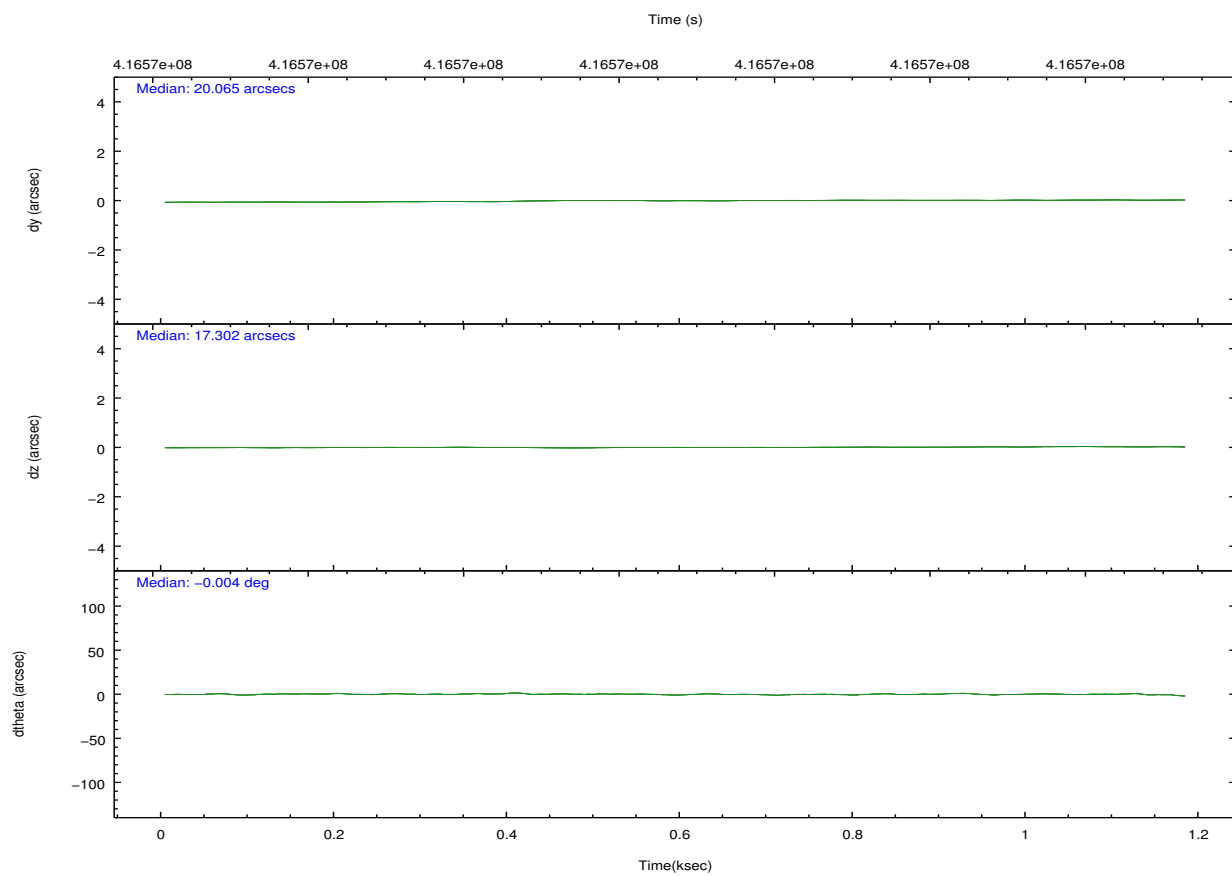
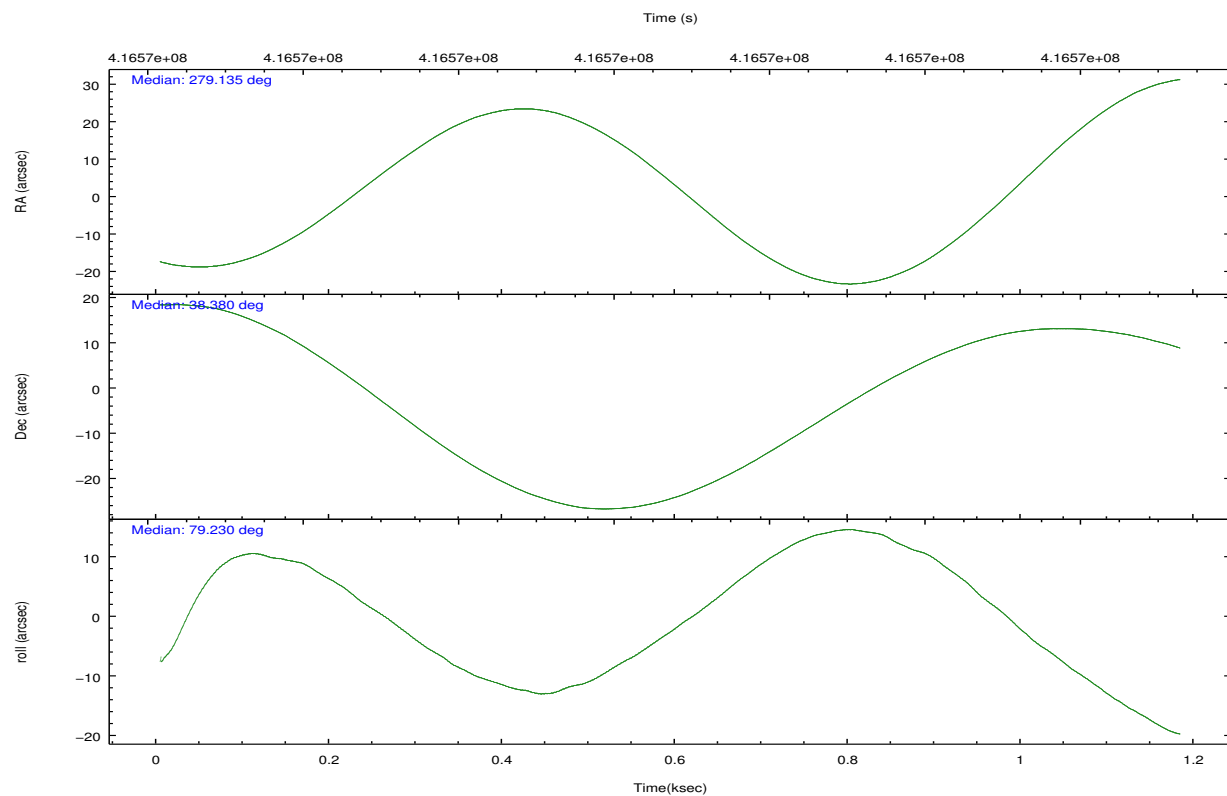
2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	HRC	HRC
Detector	HRC-S	HRC-S
Grating	NONE	NONE
Data mode	OBSERVING	OBSERVING
Observation mode	POINTING	POINTING
[deg] Pointing RA	279.149550	279.1354546434957
[deg] Pointing Dec	38.352646	38.37973602951204
[deg] Pointing Roll	79.160279	79.23630122114636
[s] Window start time (MET)	415324866.184000	415324866.184000
[s] Window stop time (MET)	423187266.184000	423187266.184000
[mm] SIM focus pos	-1.533336	-1.526339935833849
[mm] SIM defocus	7.710433287538843e-07	0.006996703570447904
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	416571866.184000	416571490.12582
Observation start date	2011-03-15T10:23:20	2011-03-15T10:18:10
[s] Observation end time (MET)	416572866.184000	416573645.70093
Observation end date	2011-03-15T10:40:00	2011-03-15T10:54:05

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

2.3 Aspect



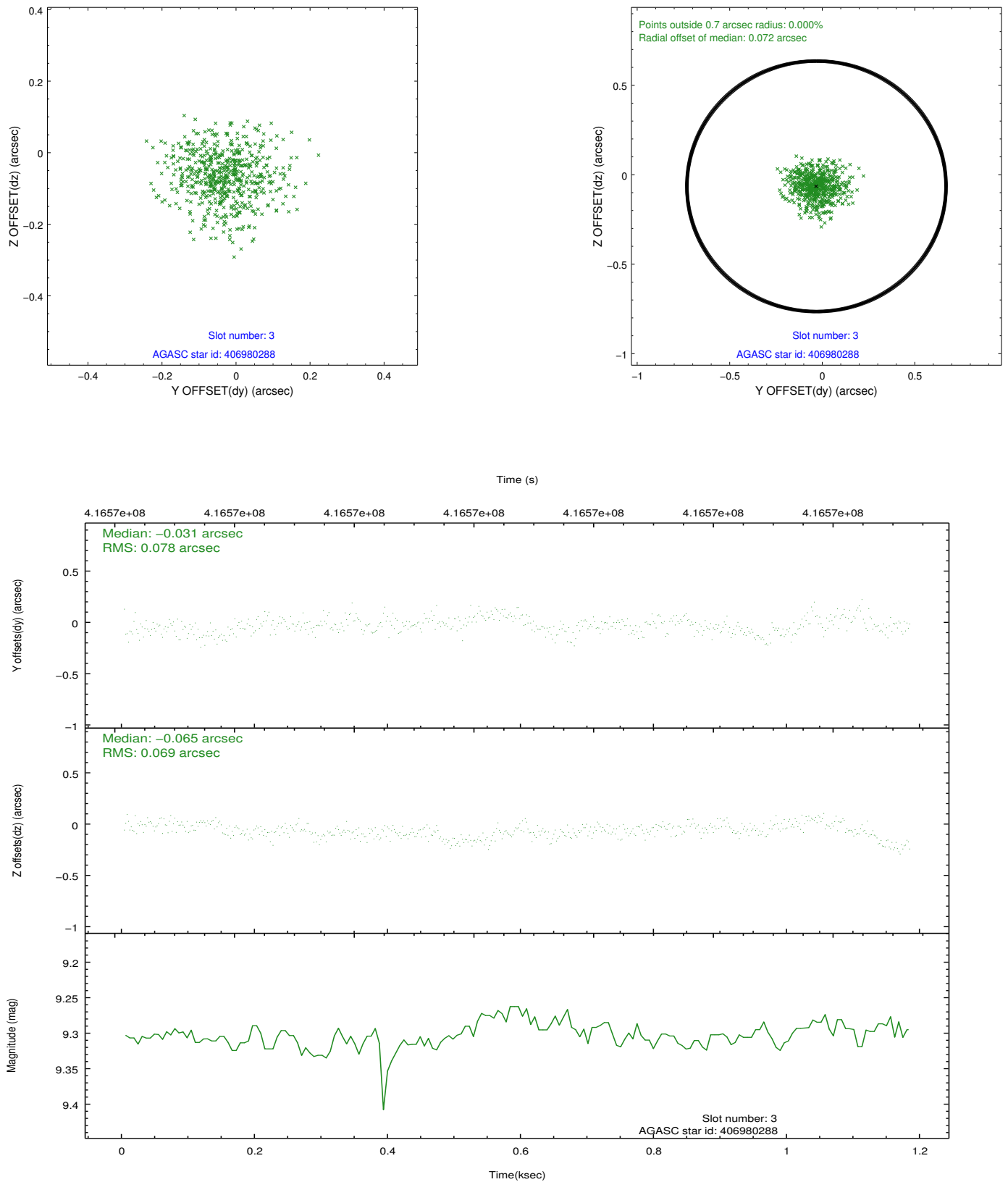


Slot Statistics

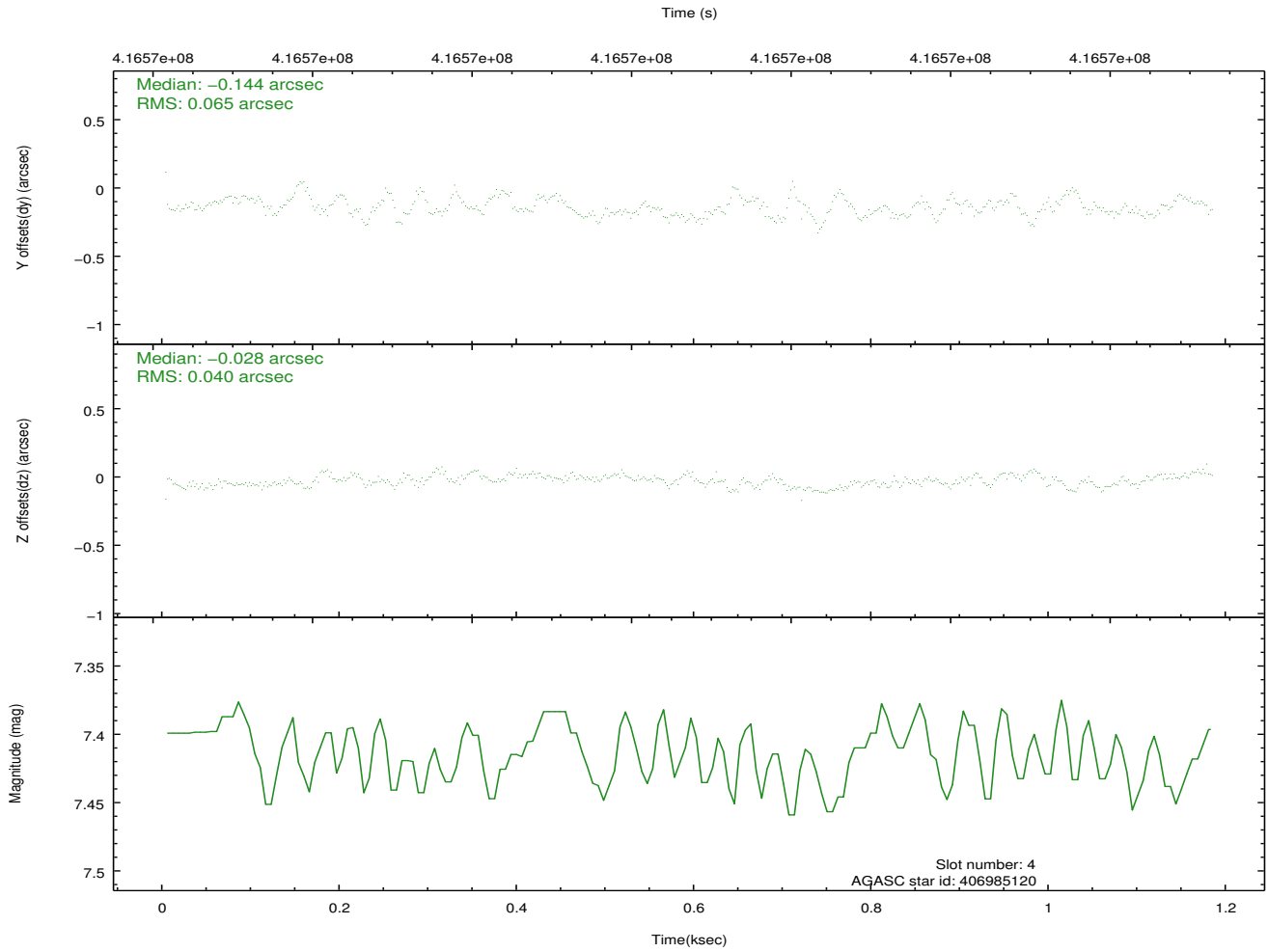
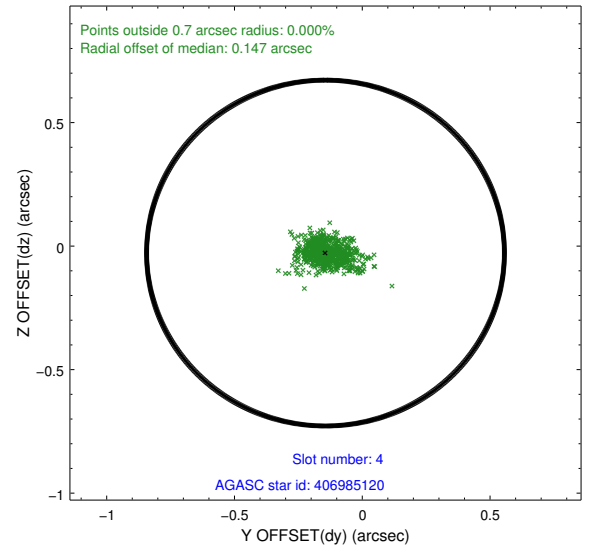
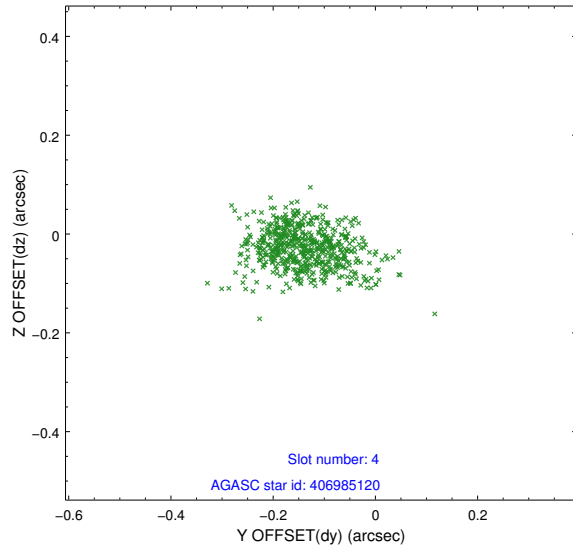
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	7.01	288	0.024	-0.152	0.007	0.010	0.000000	0.000000	-1174.63	-466.25
1	FID	HRC-S-2	6.98	288	0.238	-0.101	0.005	0.010	0.000000	0.000000	1221.17	-460.42
2	FID	HRC-S-3	7.01	288	0.128	-0.050	0.007	0.012	0.000000	0.000000	-1173.02	561.78
3	GUIDE	406980288	9.30	577	-0.031	-0.065	0.115	0.184	278.903147	39.061646	2379.70	1154.58
4	GUIDE	406985120	7.41	577	-0.144	-0.028	0.076	0.138	278.839732	38.894839	1757.71	1221.04
5	GUIDE	406987272	6.95	577	-0.024	-0.209	0.077	0.122	278.536588	38.437504	-17.46	1757.35
6	GUIDE	406993992	7.63	577	0.101	-0.115	0.083	0.133	279.053714	38.034587	-1177.00	52.75
7	GUIDE	406992968	7.67	576	0.086	0.428	0.062	0.104	279.925490	37.993090	-850.83	-2404.19

2.4 Star Slots

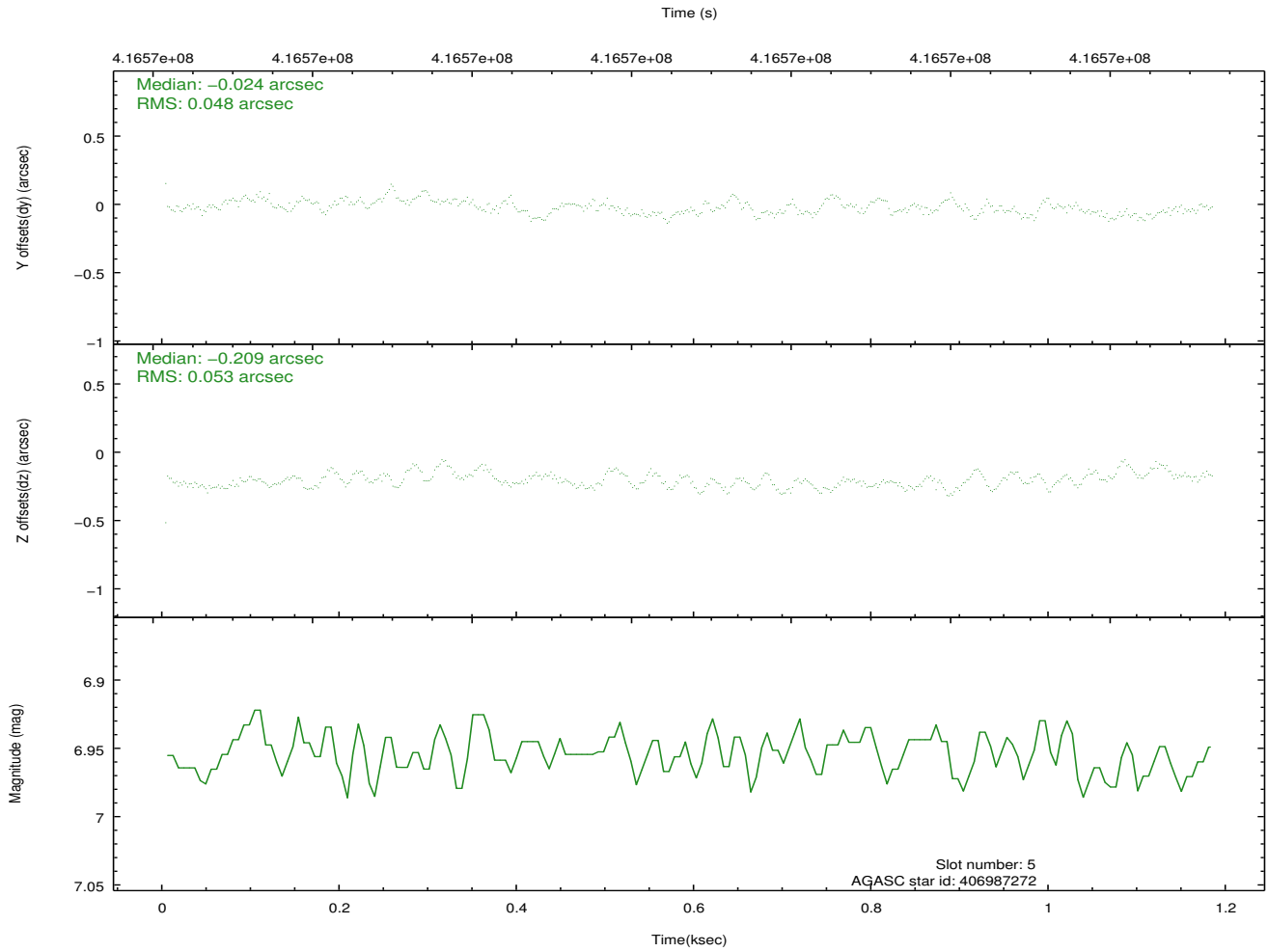
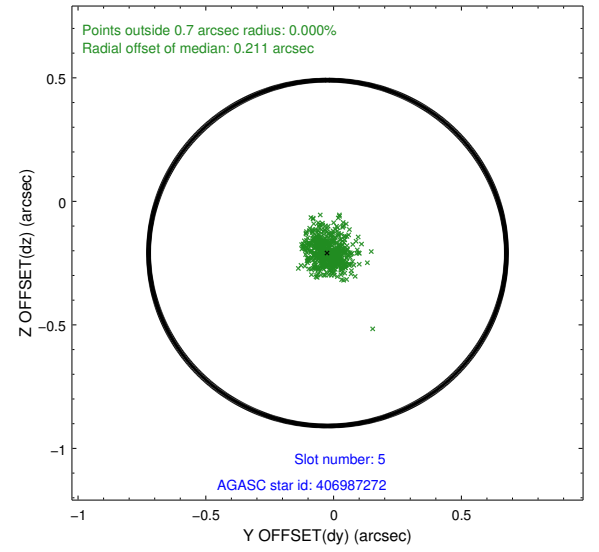
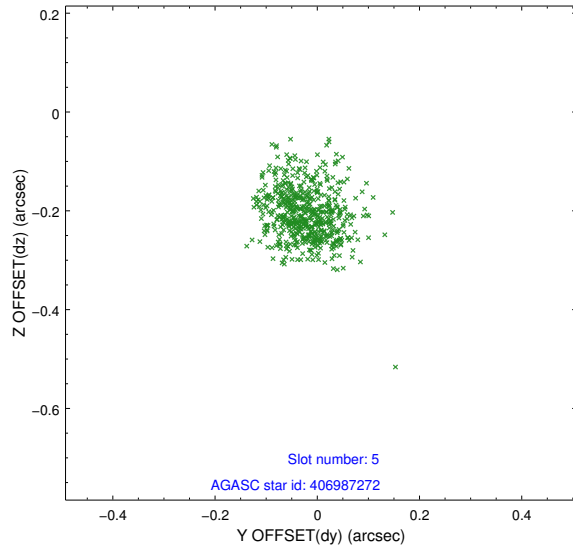
2.4.1 Slot 3



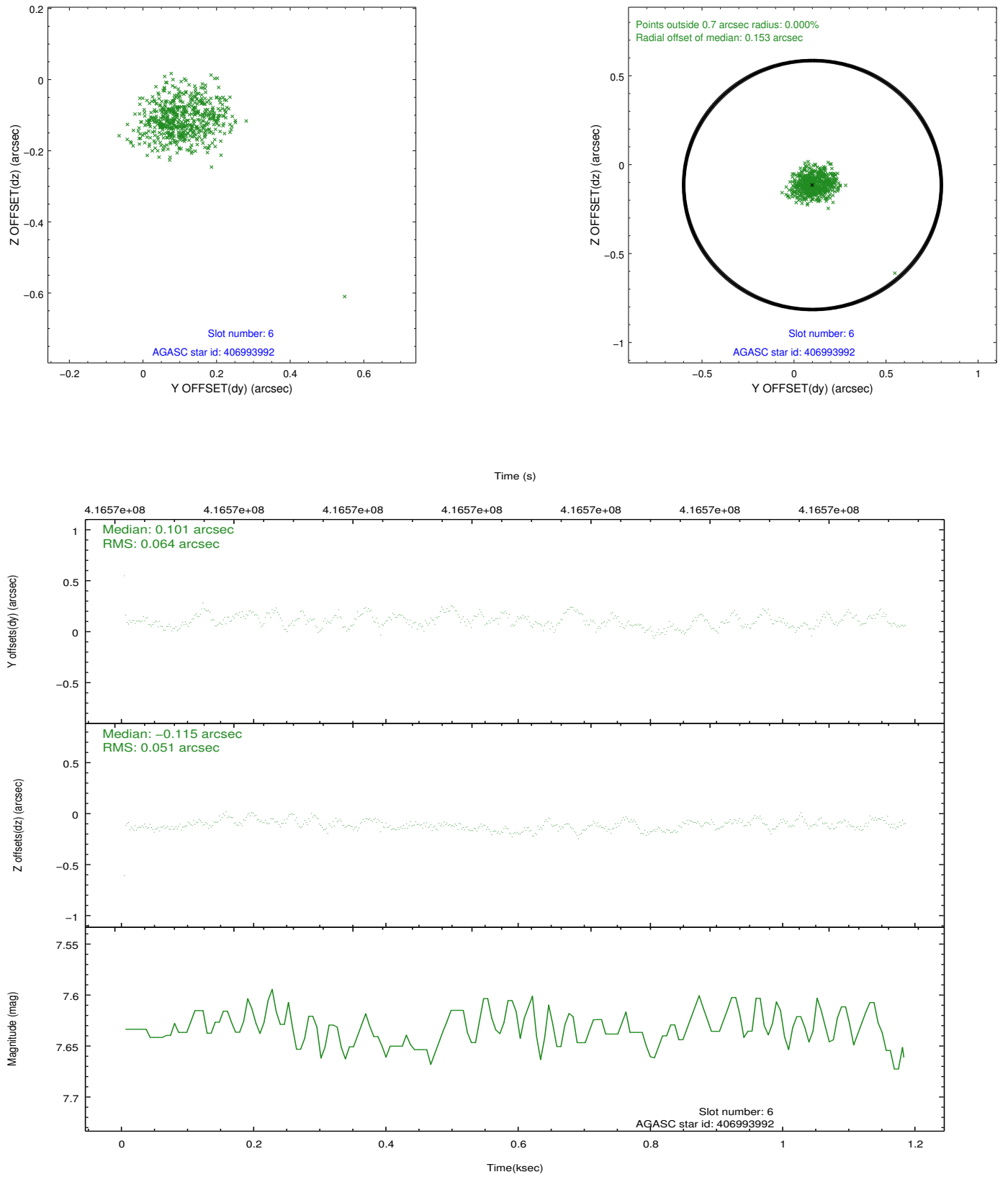
2.4.2 Slot 4



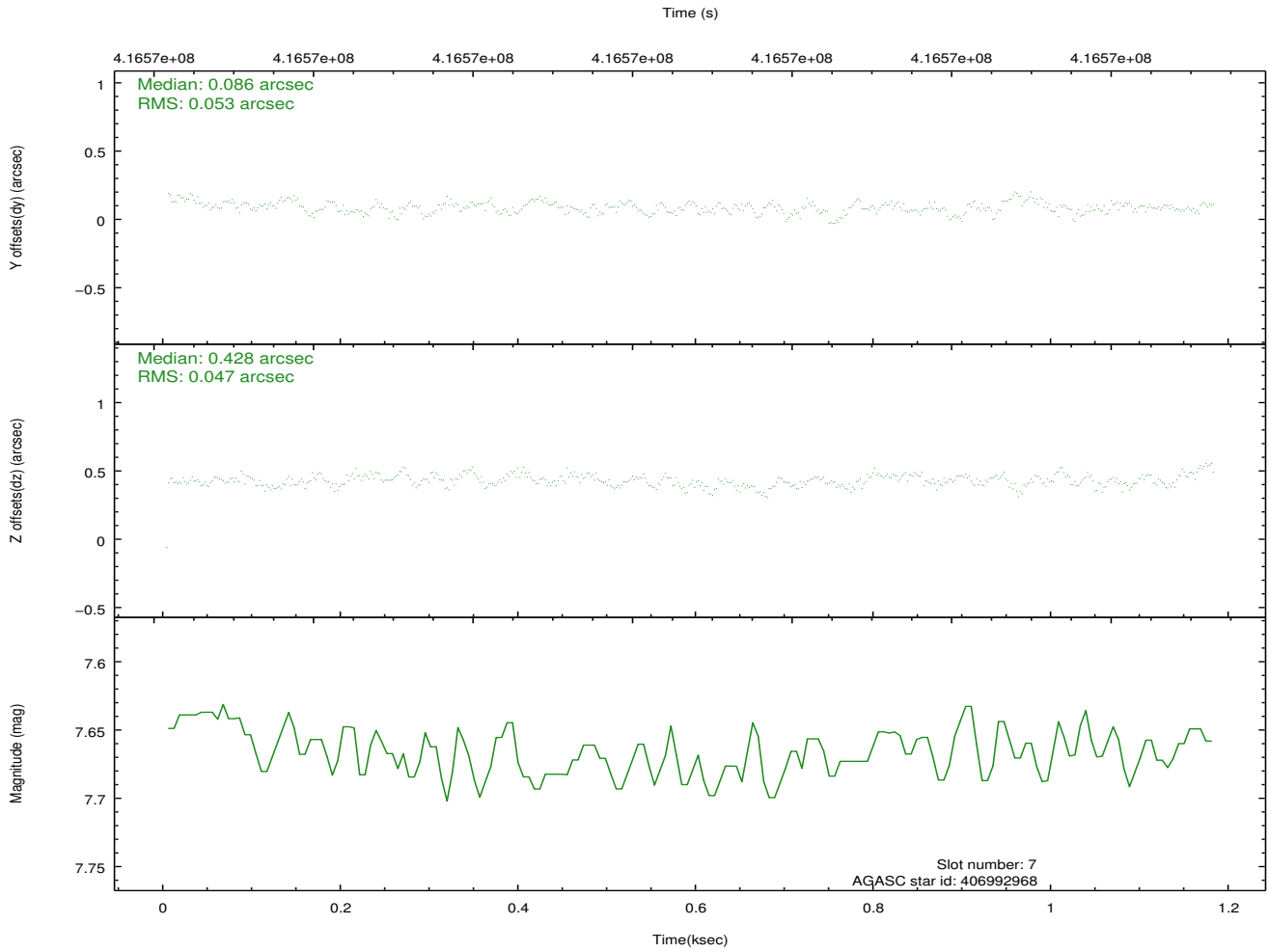
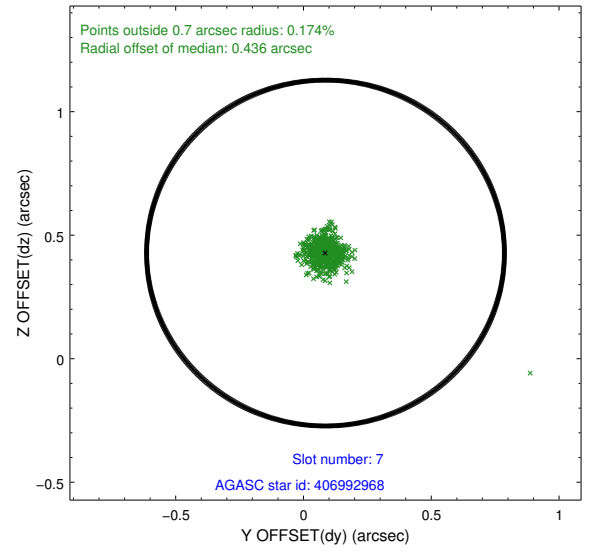
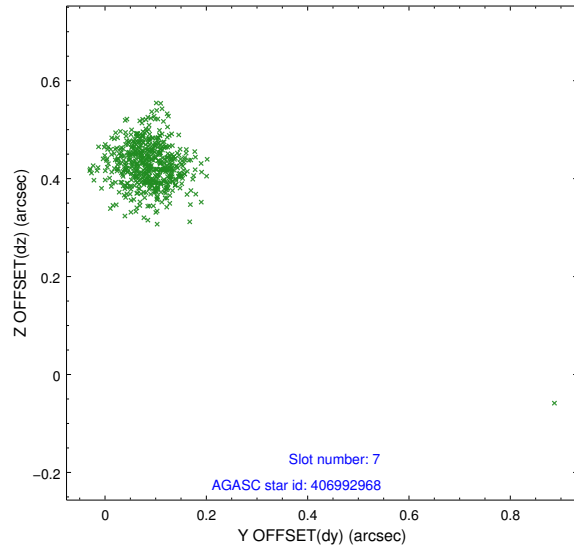
2.4.3 Slot 5



2.4.4 Slot 6

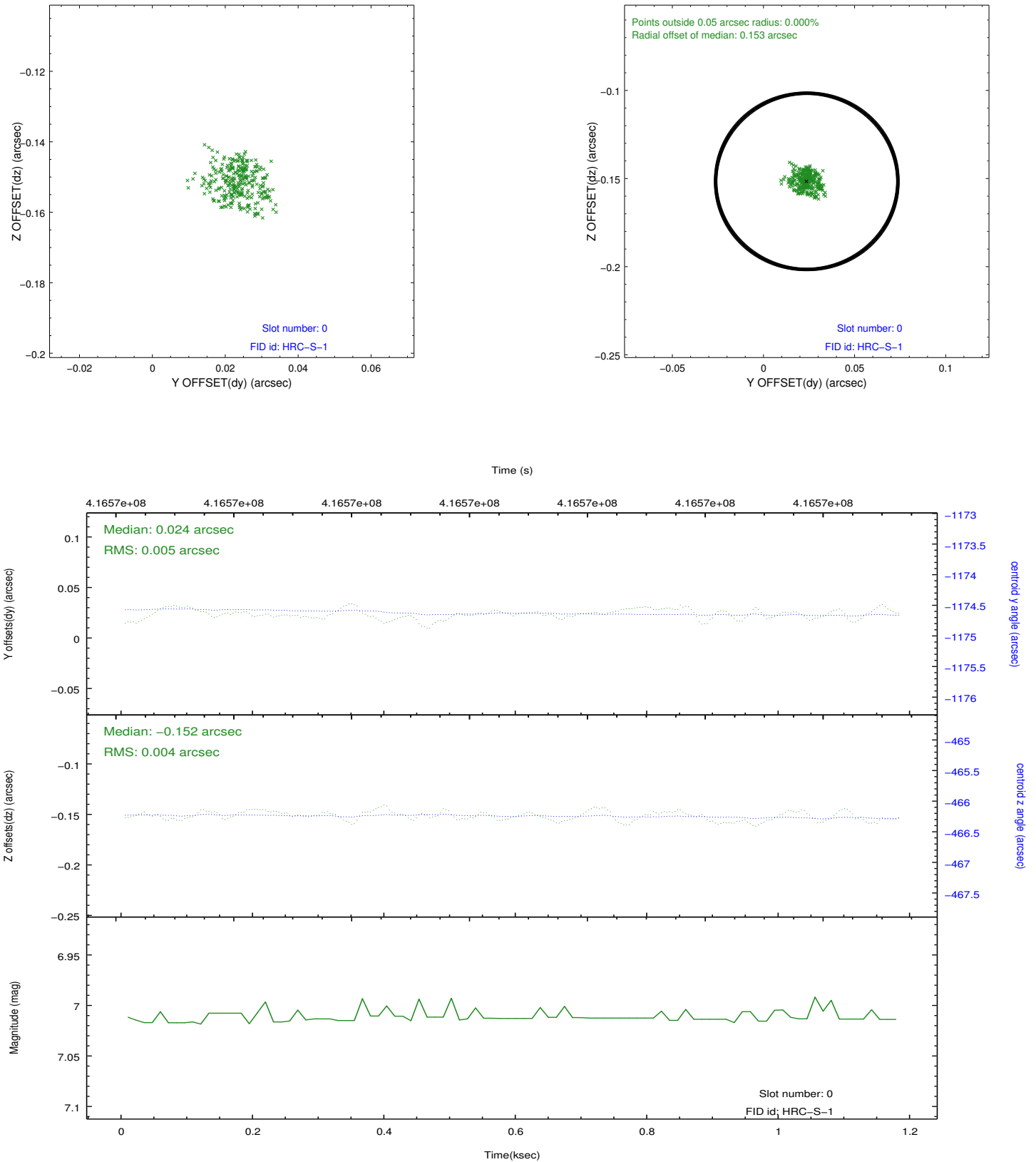


2.4.5 Slot 7

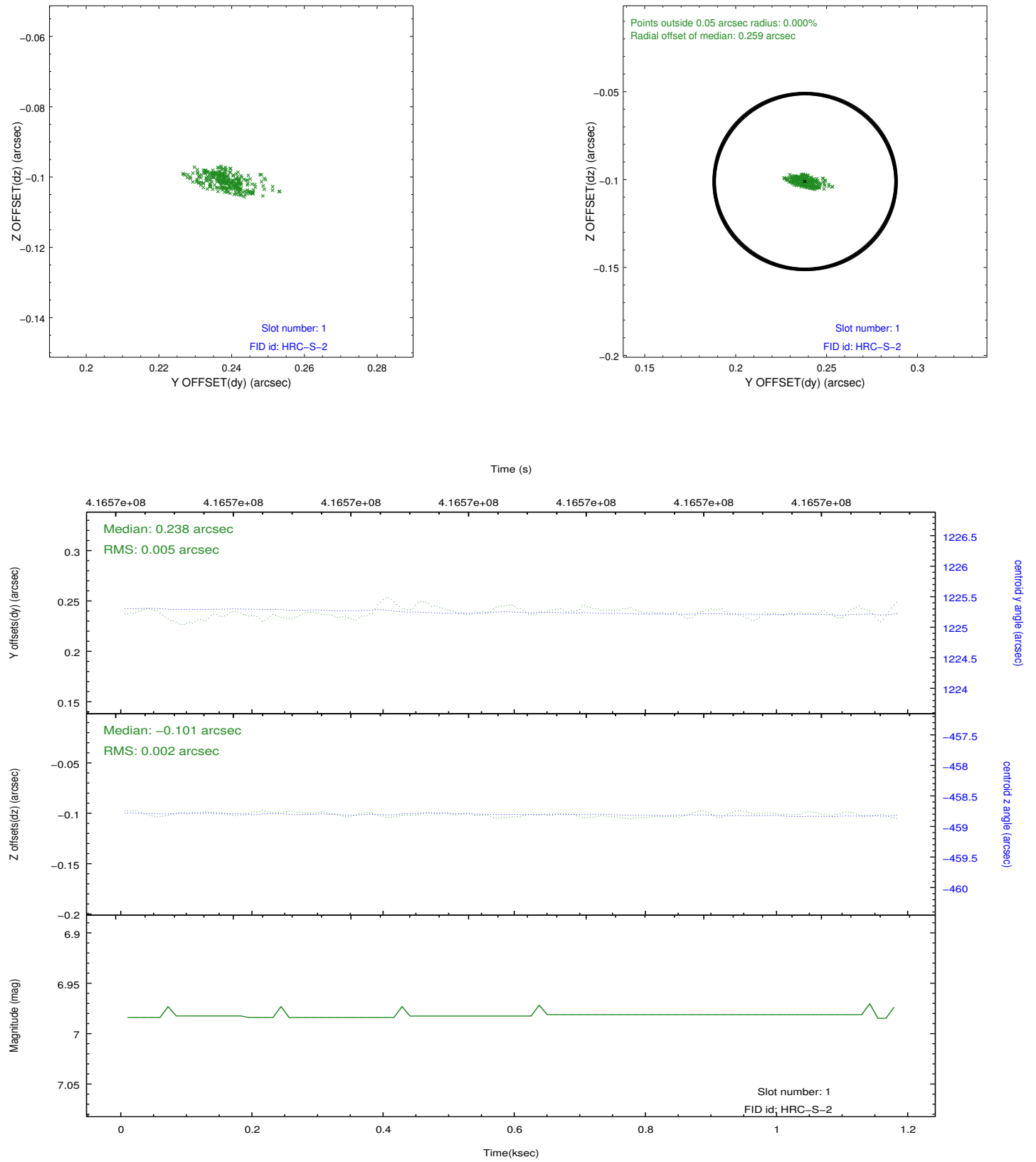


2.5 FID Slots

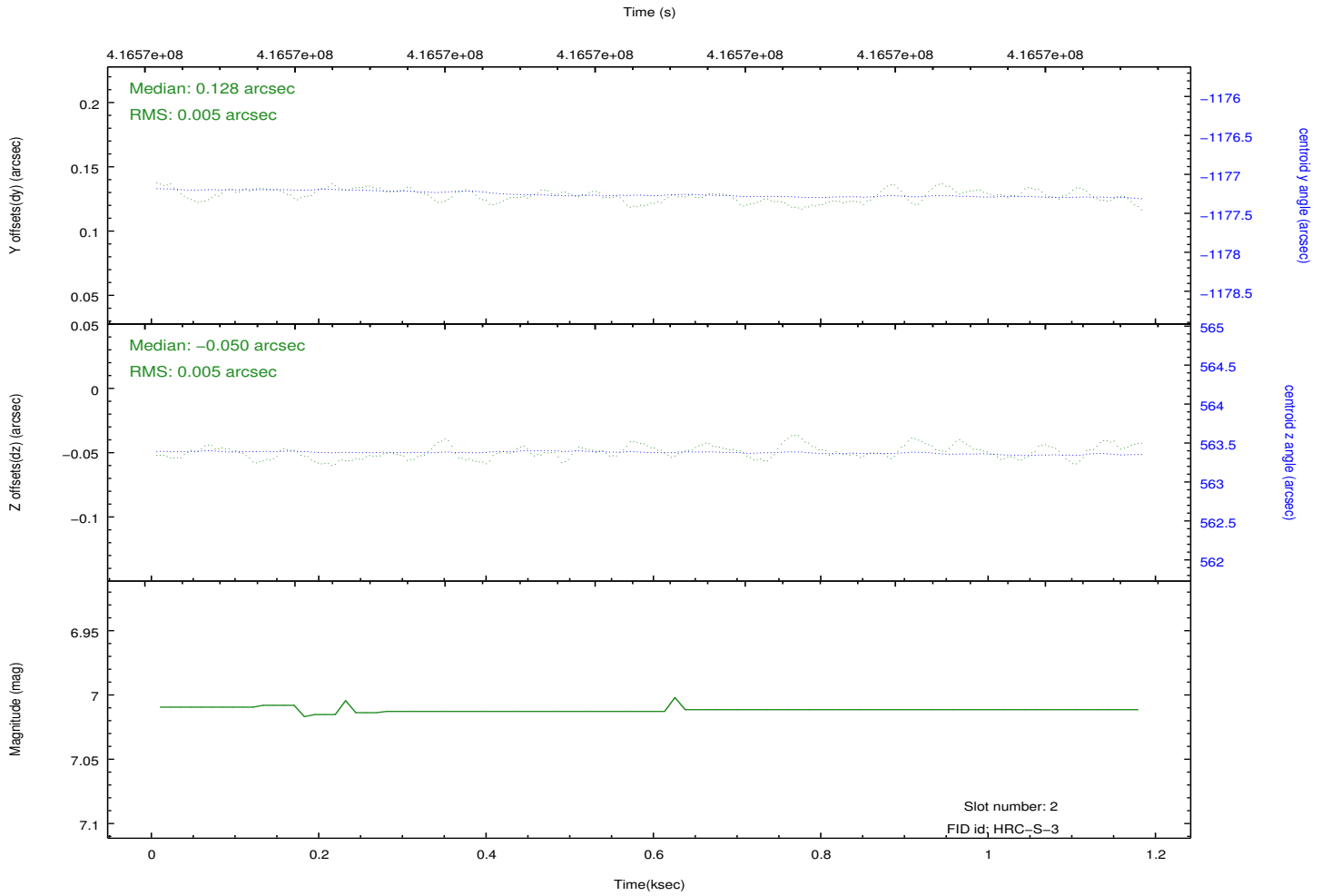
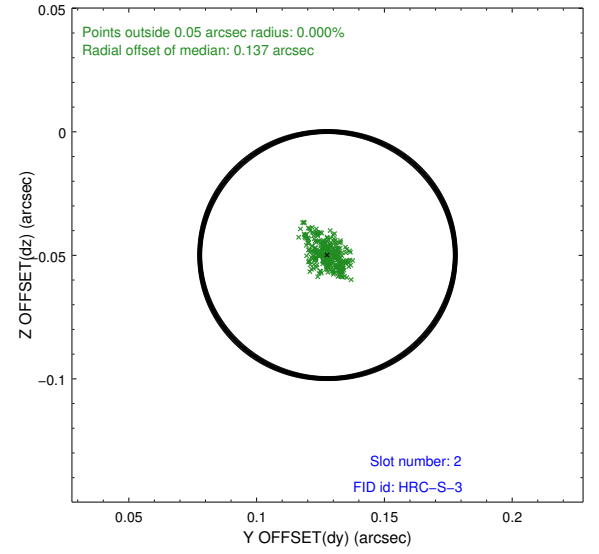
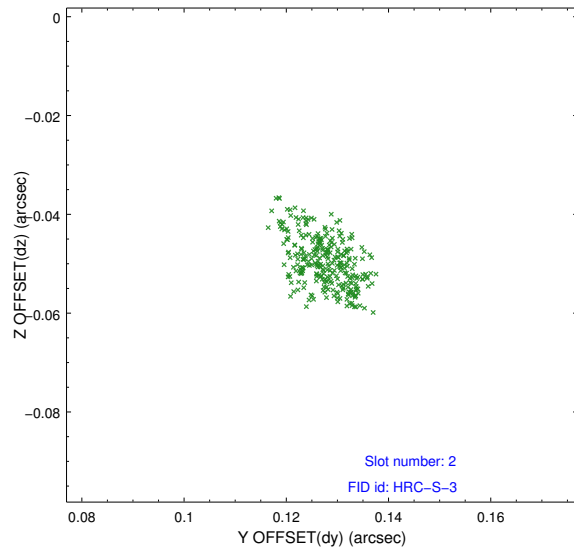
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1795188111067

A.2 Comments

Window preference met.