

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 11947 - L2 Version 2
Chandra X-Ray Center

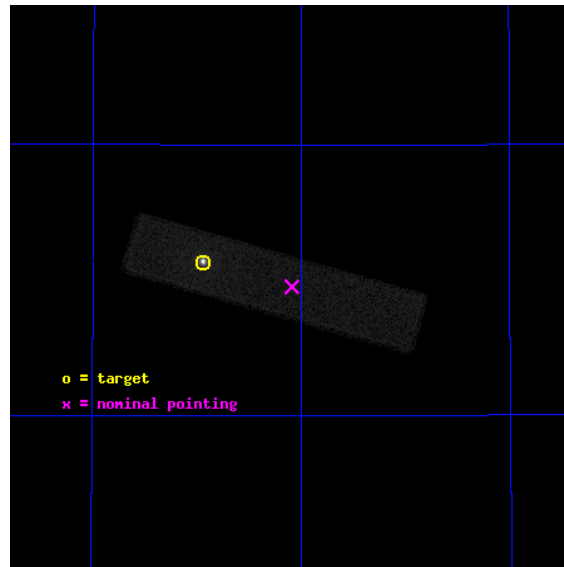
L2 Processing Date : Jun 29 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Parameters	4
2.1.3	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

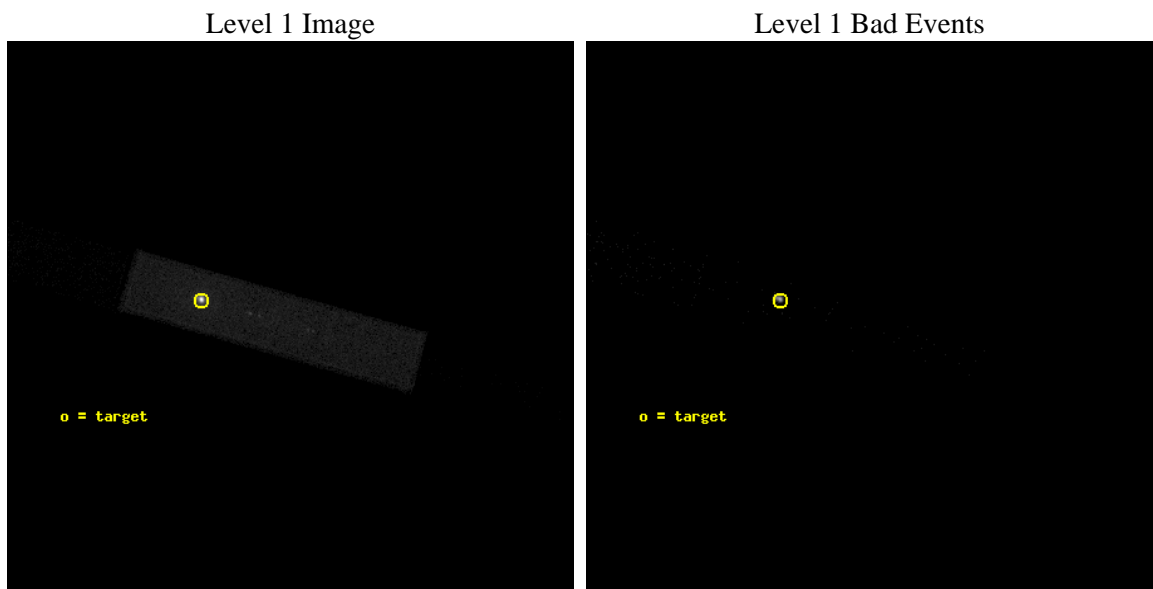
seq_num	290936	Sequence number
obs_id	11947	Observation id
title	AO-11 Measurements of the optical/UV Transmission of the HRC Filters.	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	Vega	Source name
ra_targ	279.235	Observer's specified target RA [deg]
dec_targ	38.783778	Observer's specified target Dec [deg]
ra_nom	279.02239459571	Nominal RA [deg]
dec_nom	38.738353463172	Nominal Dec [deg]
roll_nom	195.70142541431	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1186.1813106537	[s]
livetime	946.35201767205	Ontime multiplied by DTCOR
l2events	206573	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	1186.1813106537	[s]
caldbver	4.5.0	 	l1events	269509	Number of level 1 events
date	2012-06-30T01:56:19	Date and time of file creation			
revision	2	Processing version of data			

2.1.3 Events

Level 1 Events

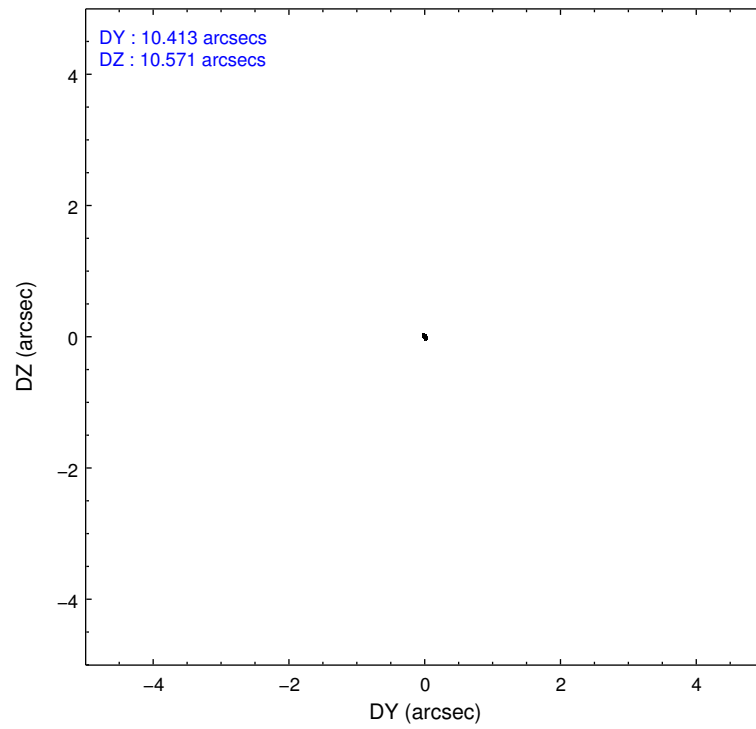
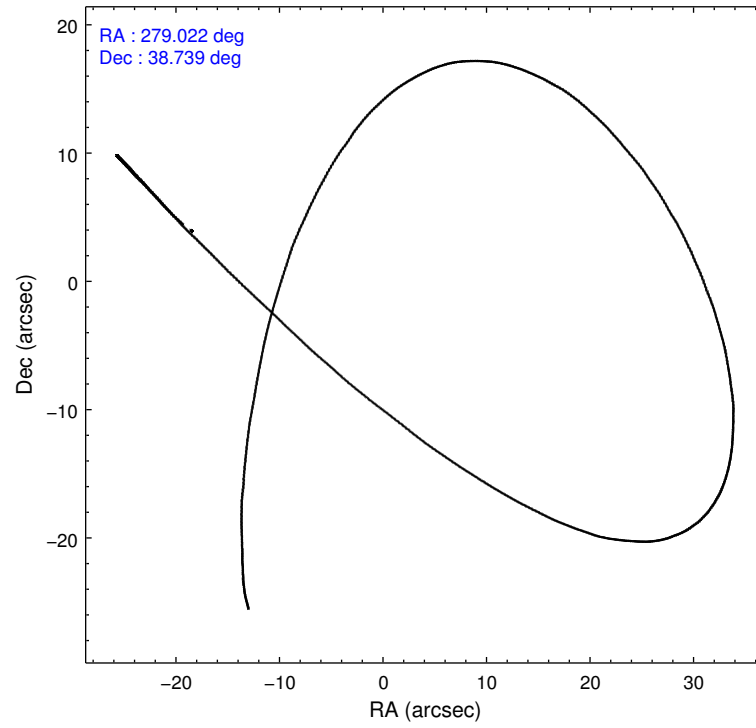
	segment 1	segment 2	segment 3
level 1 events	5840	262927	742
rejected events	5840	44210	742
rejected %	100%	16%	100%

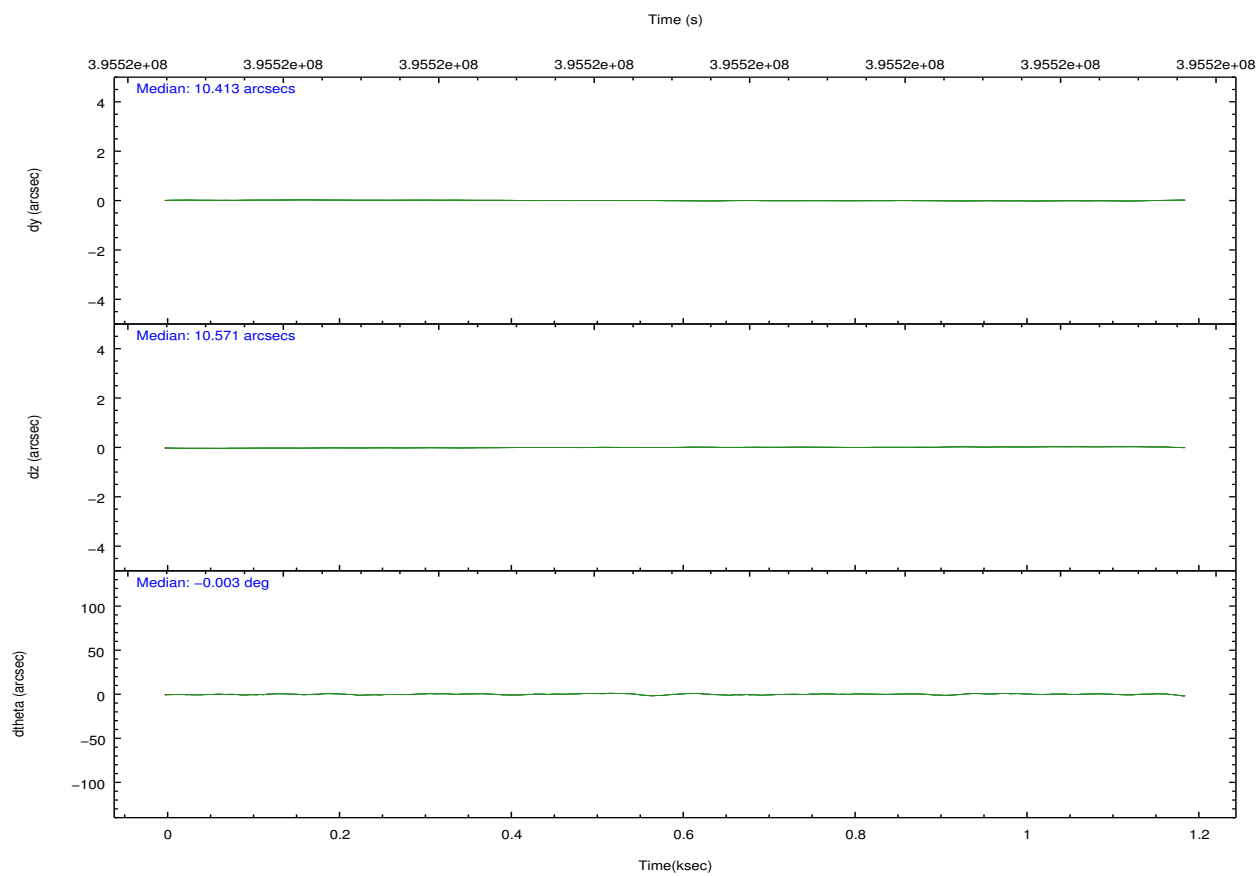
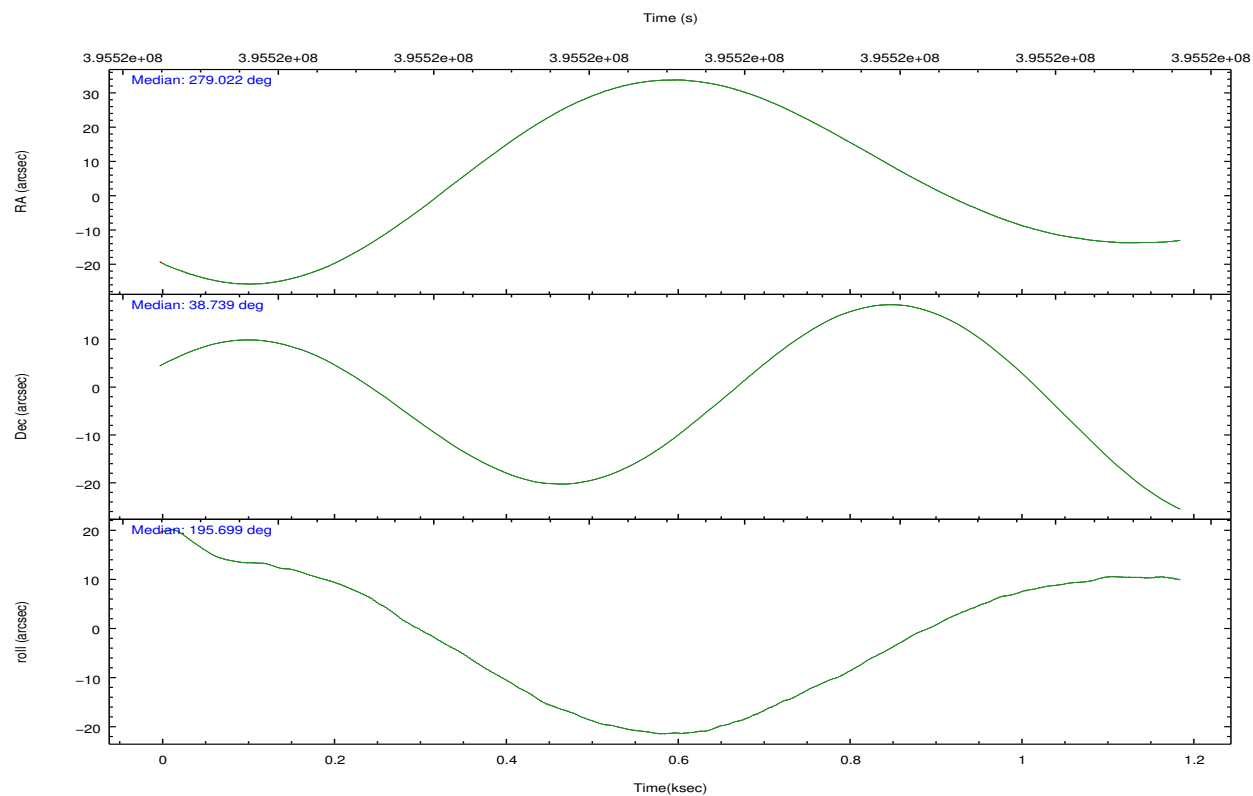
2.2 Compared Parameters

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	279.047566	279.0223945957065
[deg] Pointing Dec	38.759349	38.73835346317232
[deg] Pointing Roll	195.618311	195.70142541431
[s] Window start time (MET)	391737666.184000	391737666.184000
[s] Window stop time (MET)	399600066.184000	399600066.184000
[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)	395520697.184000	395520320.91691
Observation start date	2010-07-14T18:50:31	2010-07-14T18:45:20
[s] Observation end time (MET)	395521697.184000	395521830.74198
Observation end date	2010-07-14T19:07:11	2010-07-14T19:10:30

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

2.3 Aspect



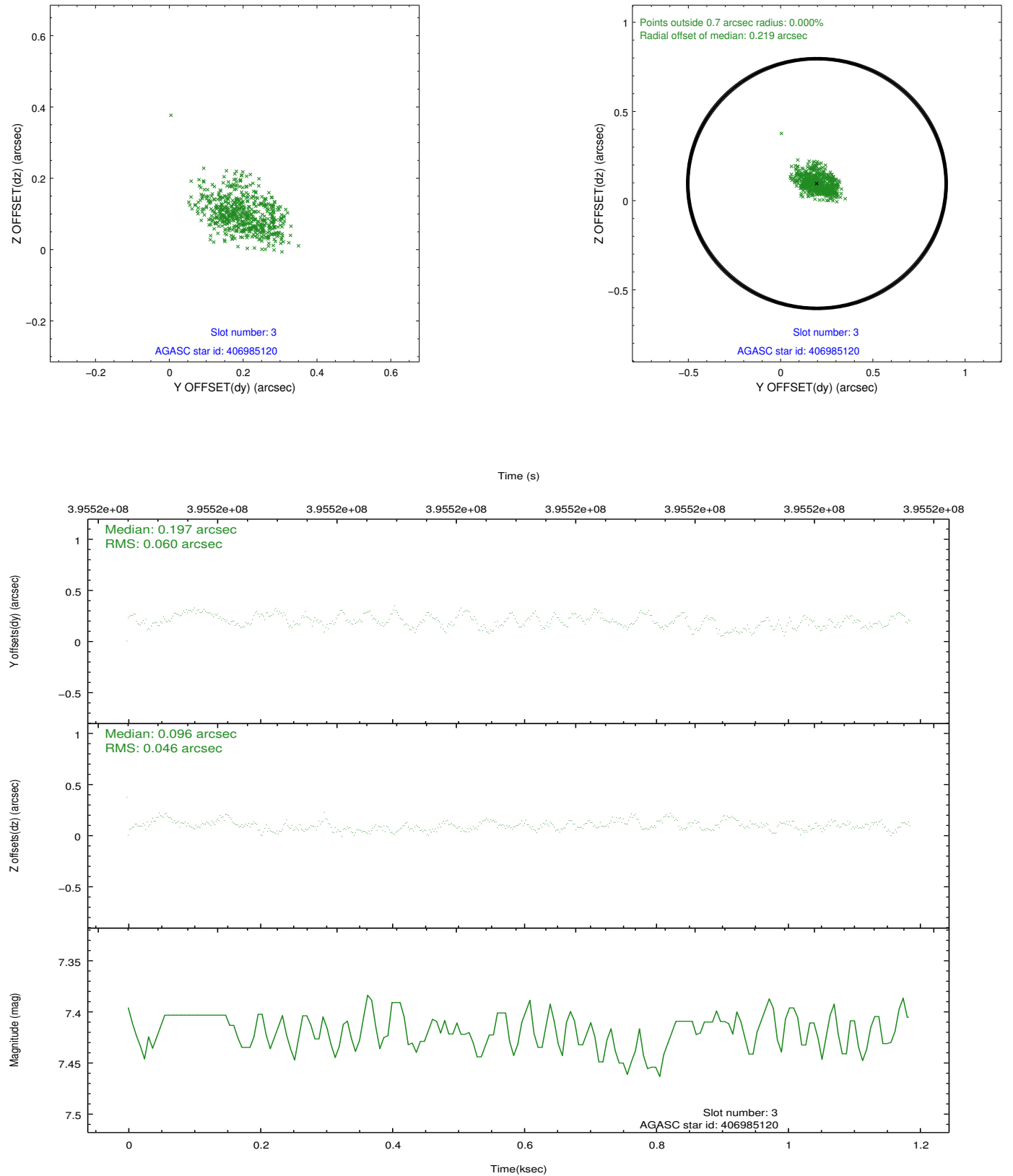


Slot Statistics

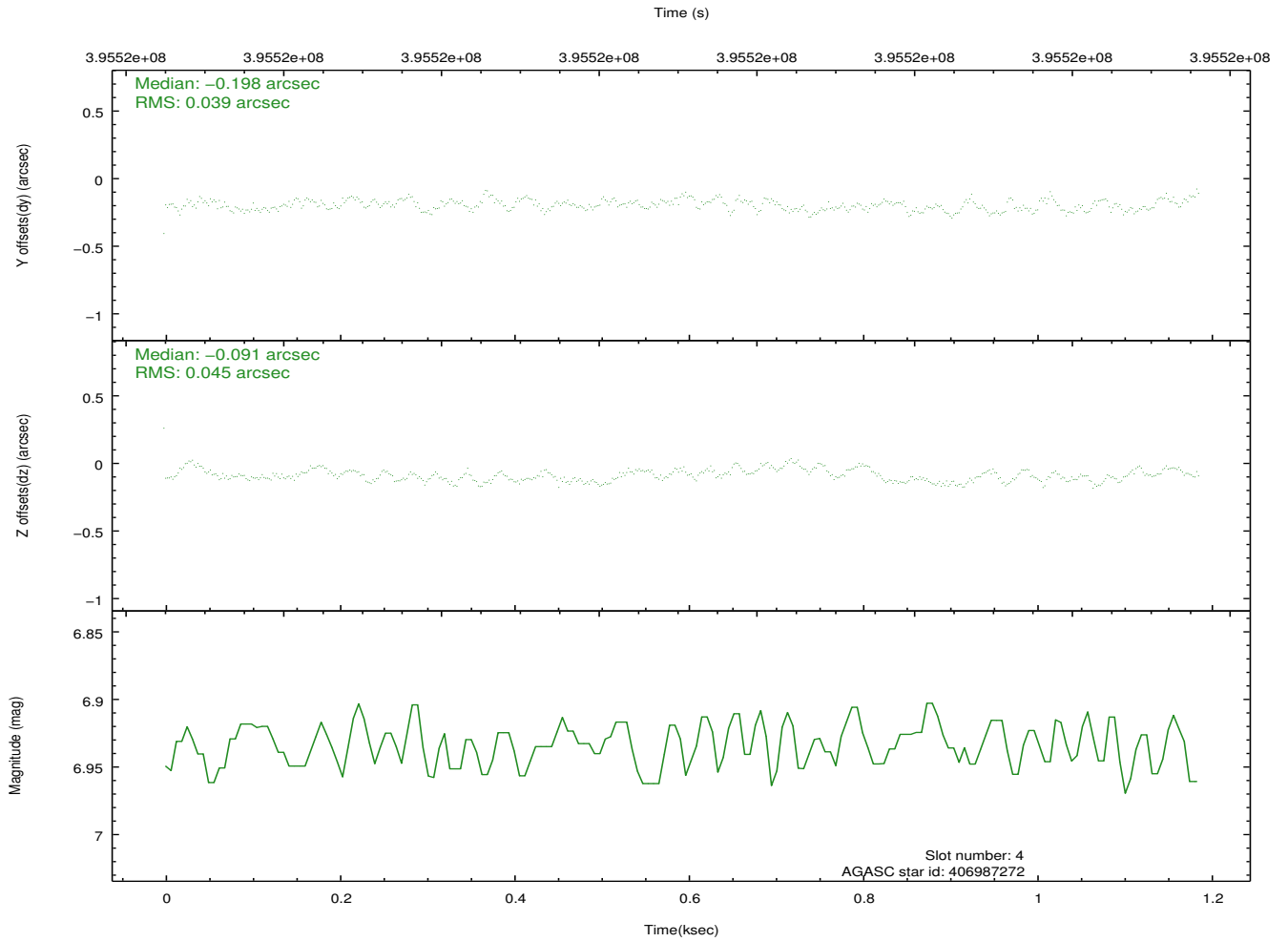
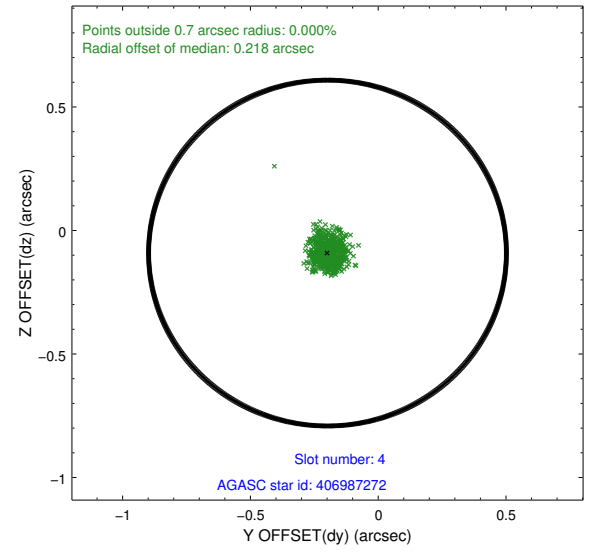
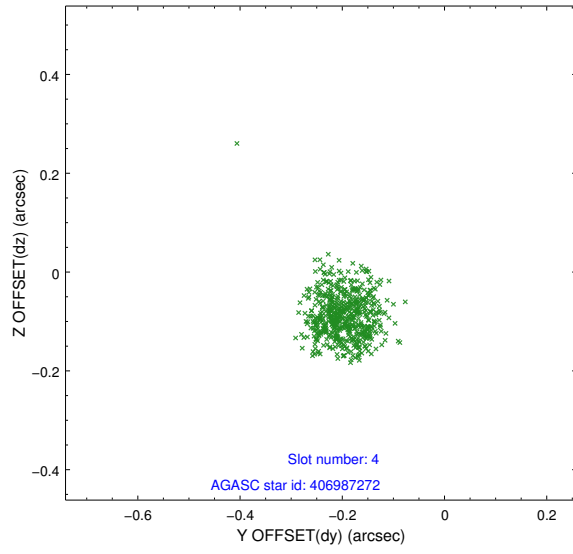
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-S-1	6.99	290	0.076	-0.172	0.007	0.010	0.000000	0.000000	-1164.70	-459.27
1	FID	HRC-S-2	6.97	290	0.229	-0.119	0.004	0.009	0.000000	0.000000	1231.09	-453.47
2	FID	HRC-S-3	7.00	290	0.086	-0.011	0.007	0.011	0.000000	0.000000	-1163.16	568.84
3	GUIDE	406985120	7.42	580	0.197	0.096	0.083	0.124	278.839732	38.894839	428.15	-624.48
4	GUIDE	406987272	6.93	580	-0.198	-0.091	0.063	0.098	278.536588	38.437504	1697.77	724.98
5	GUIDE	406987384	8.94	580	-0.119	-0.141	0.113	0.186	278.815518	38.115336	1258.28	2058.86
6	GUIDE	406989616	8.23	580	0.042	-0.030	0.072	0.118	279.202881	38.520843	-189.49	950.42
7	GUIDE	407521232	8.63	579	0.073	0.149	0.081	0.136	279.628883	39.431715	-2211.38	-1896.73

2.4 Star Slots

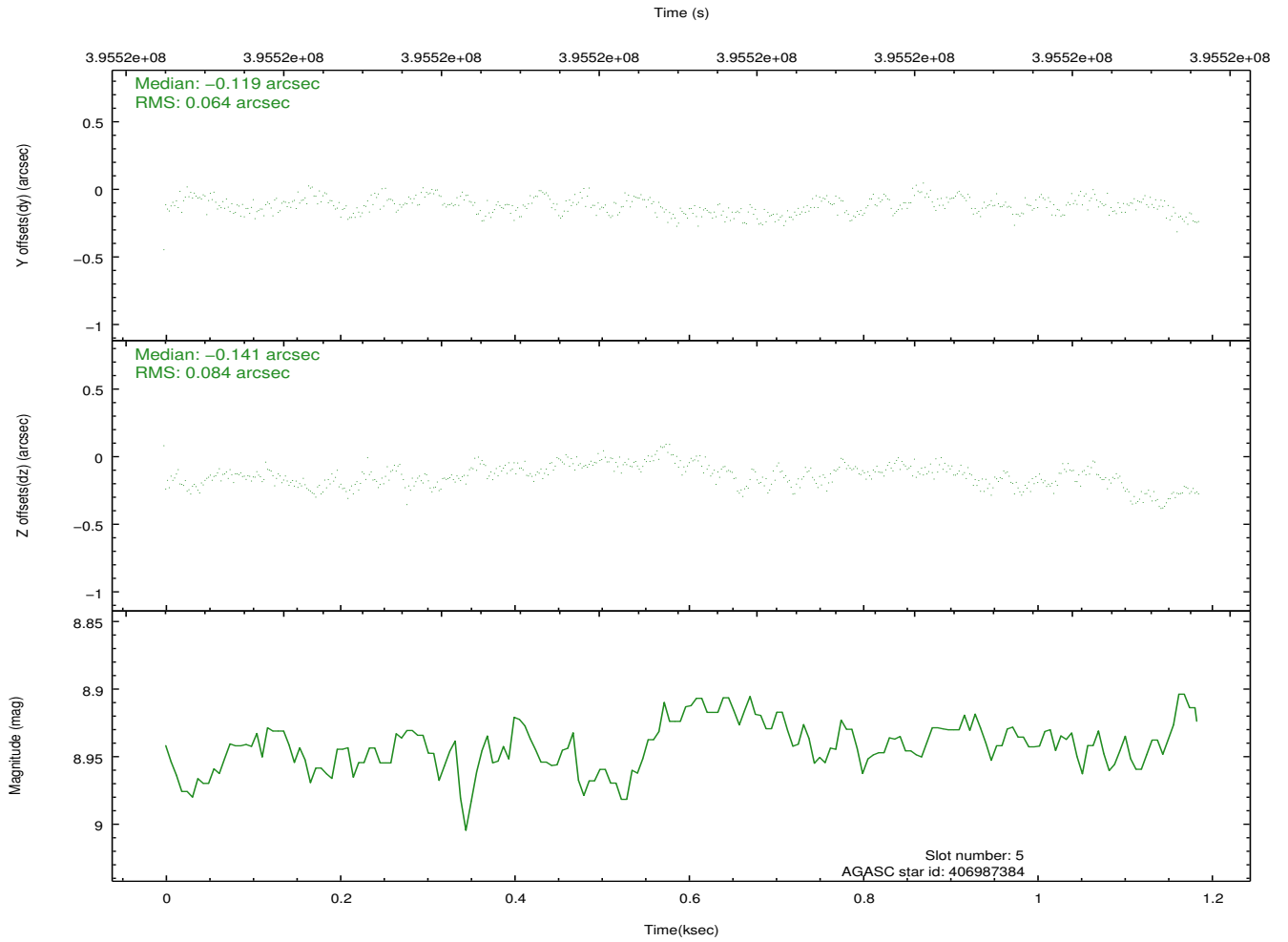
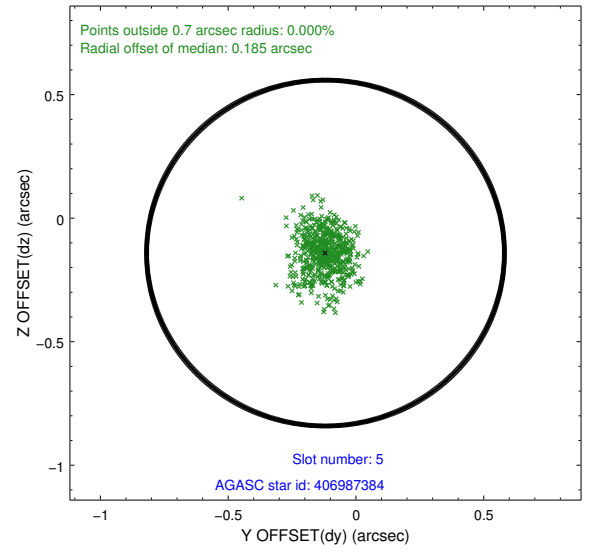
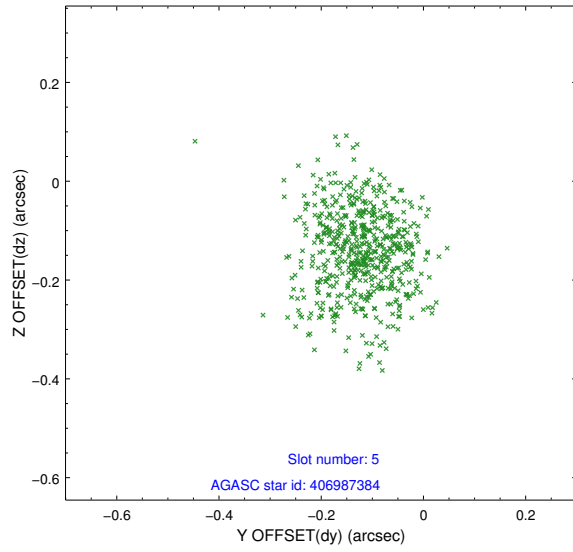
2.4.1 Slot 3



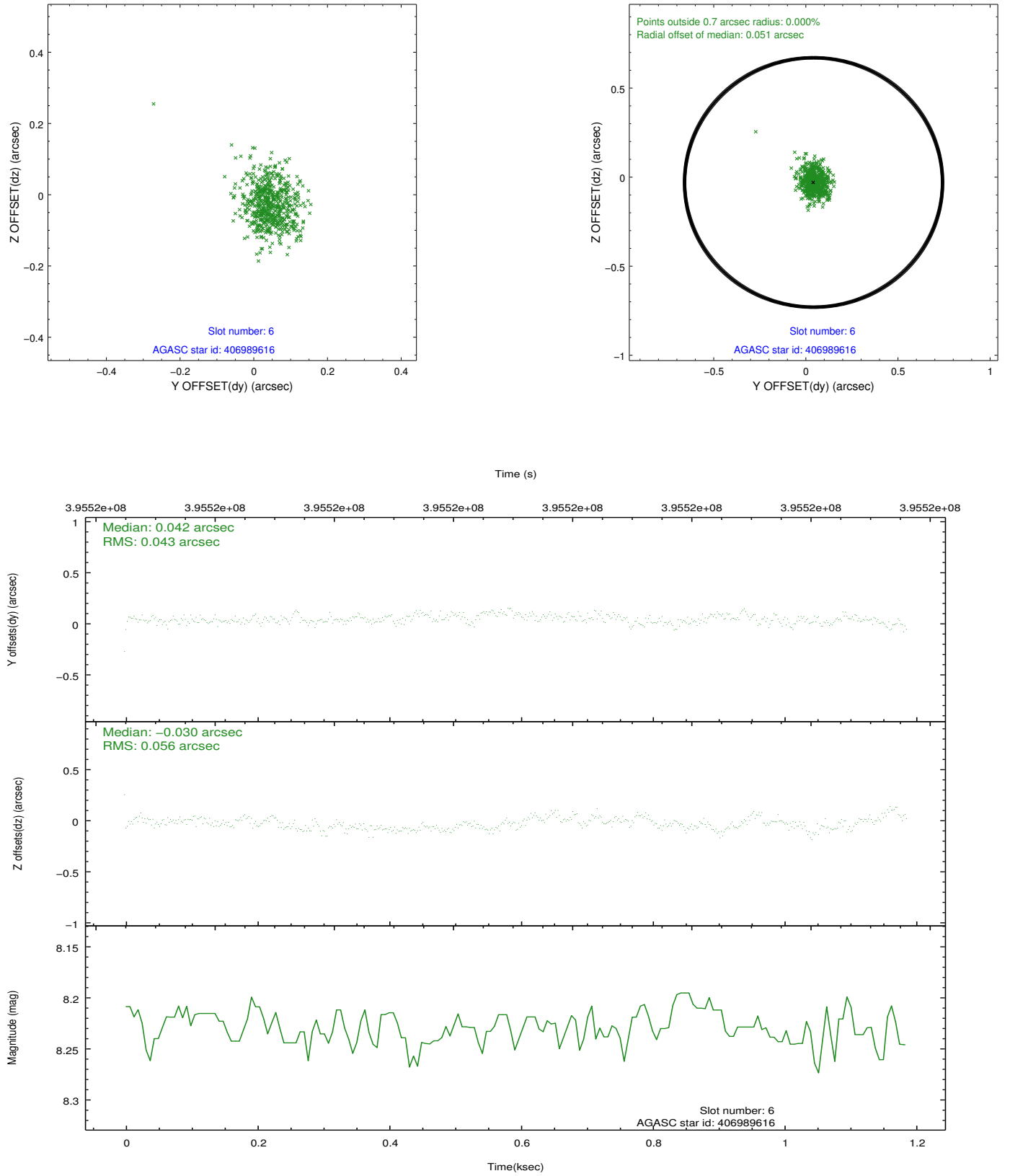
2.4.2 Slot 4



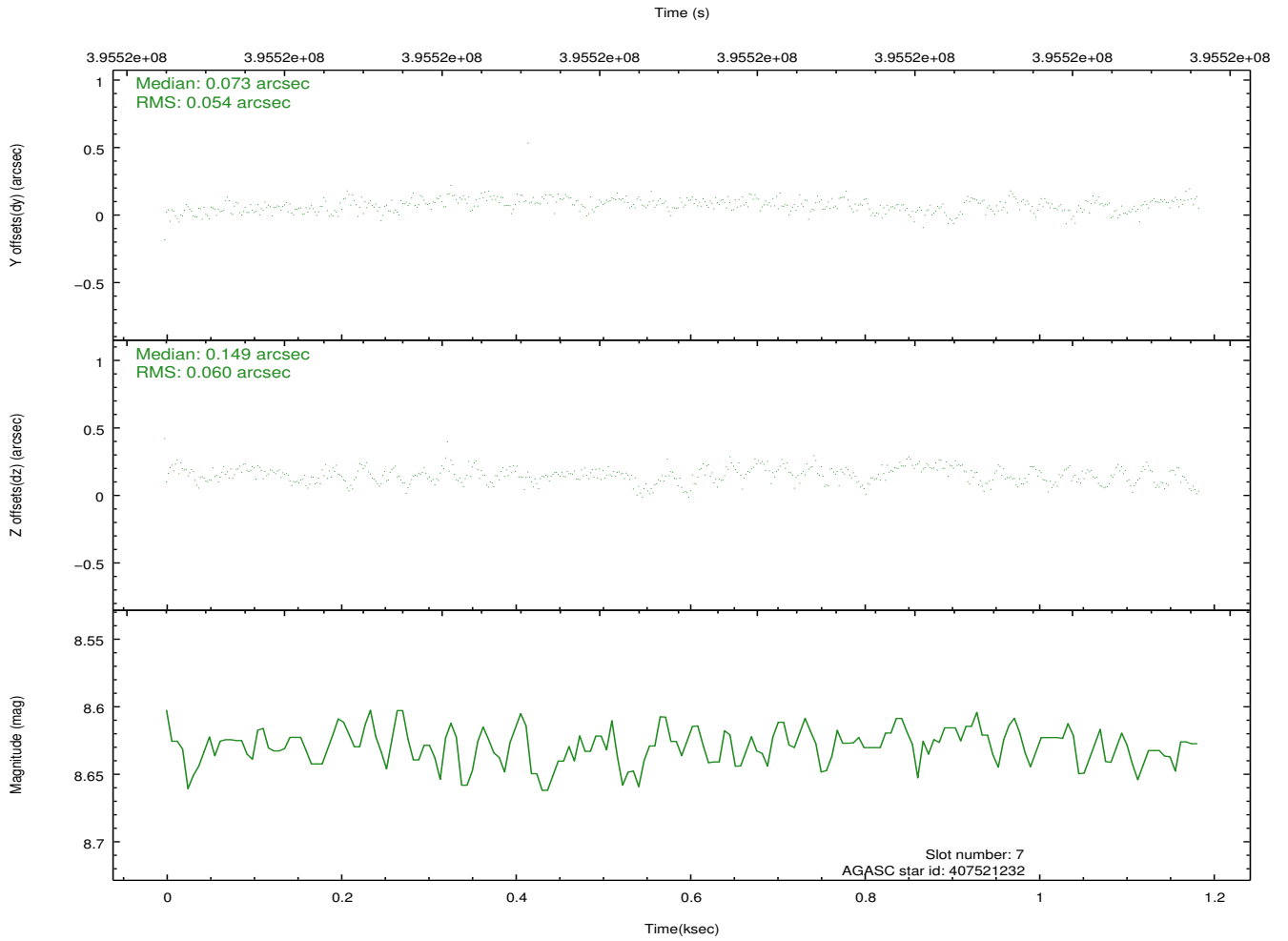
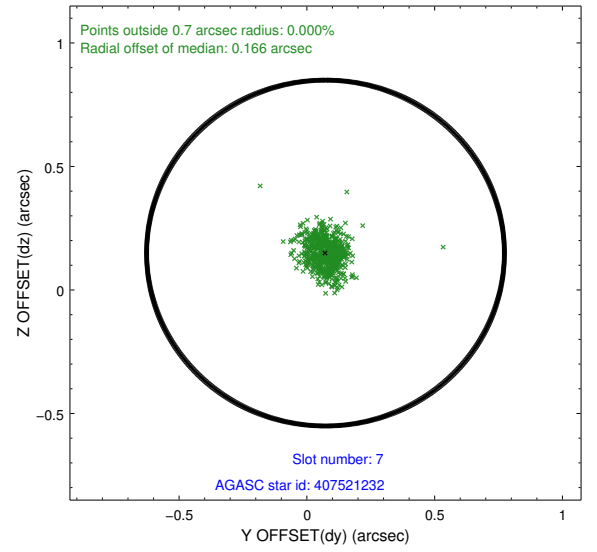
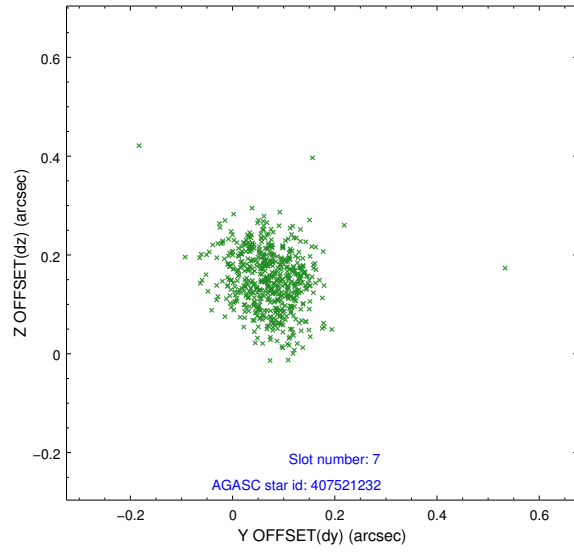
2.4.3 Slot 5



2.4.4 Slot 6

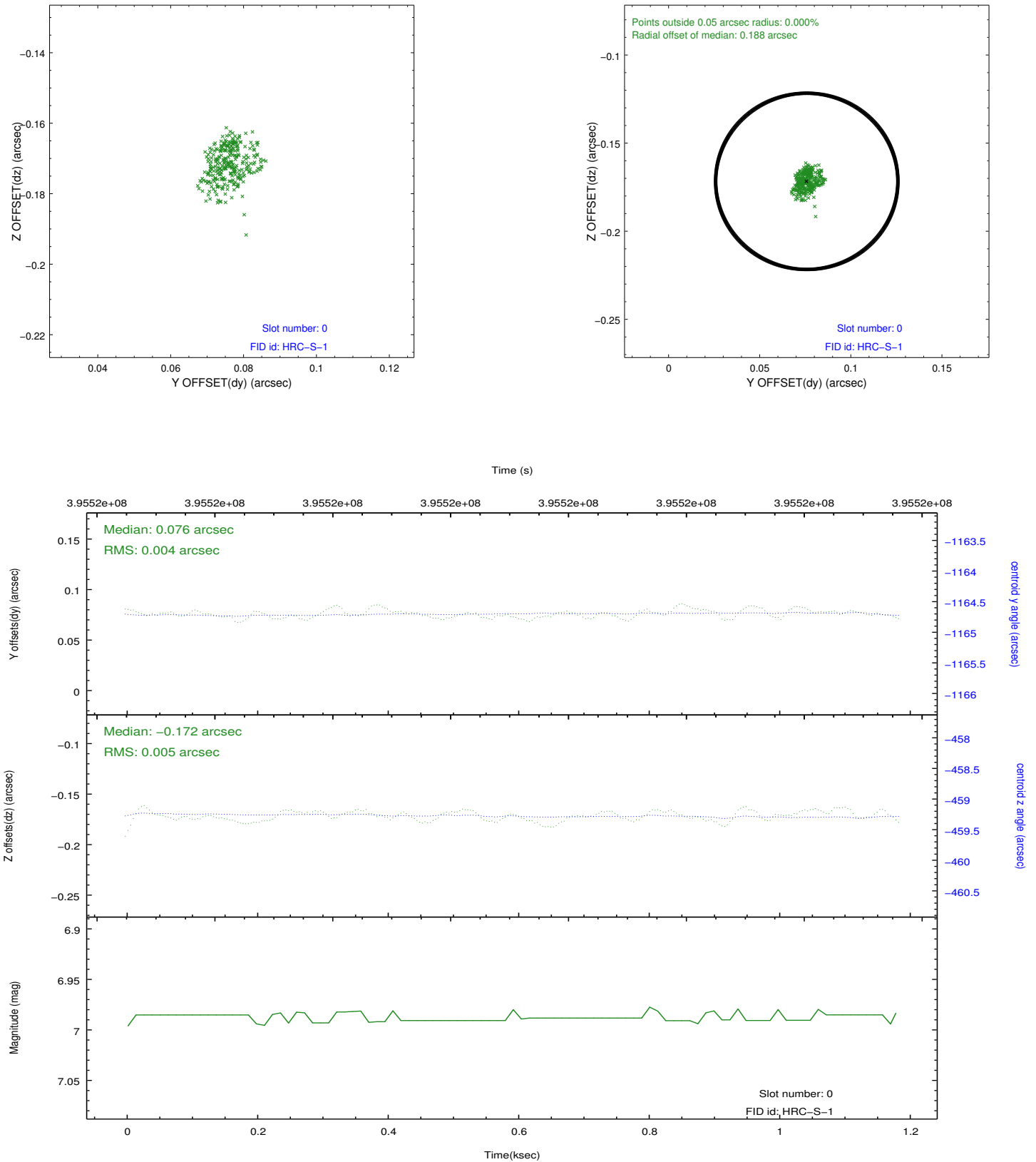


2.4.5 Slot 7

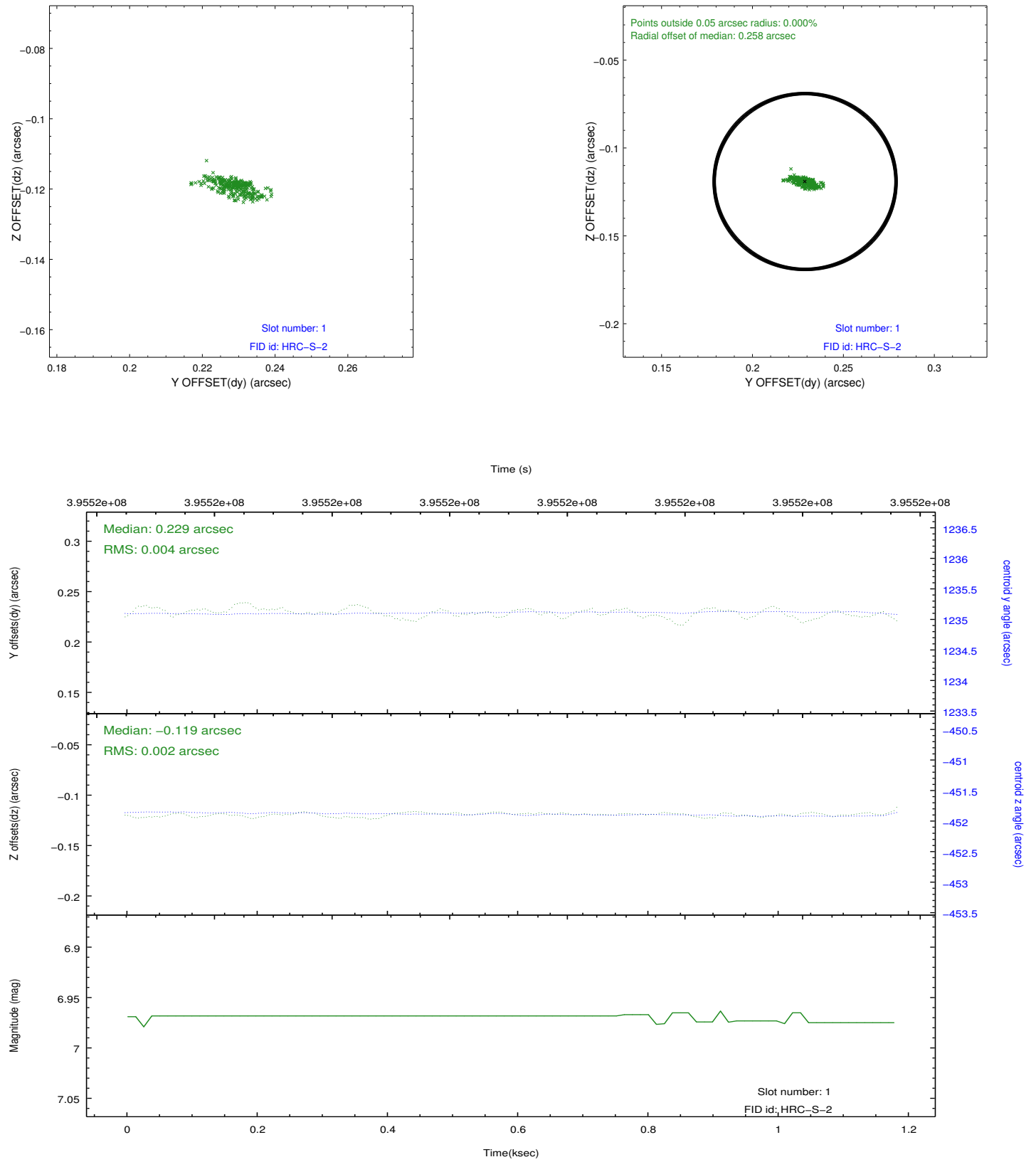


2.5 FID Slots

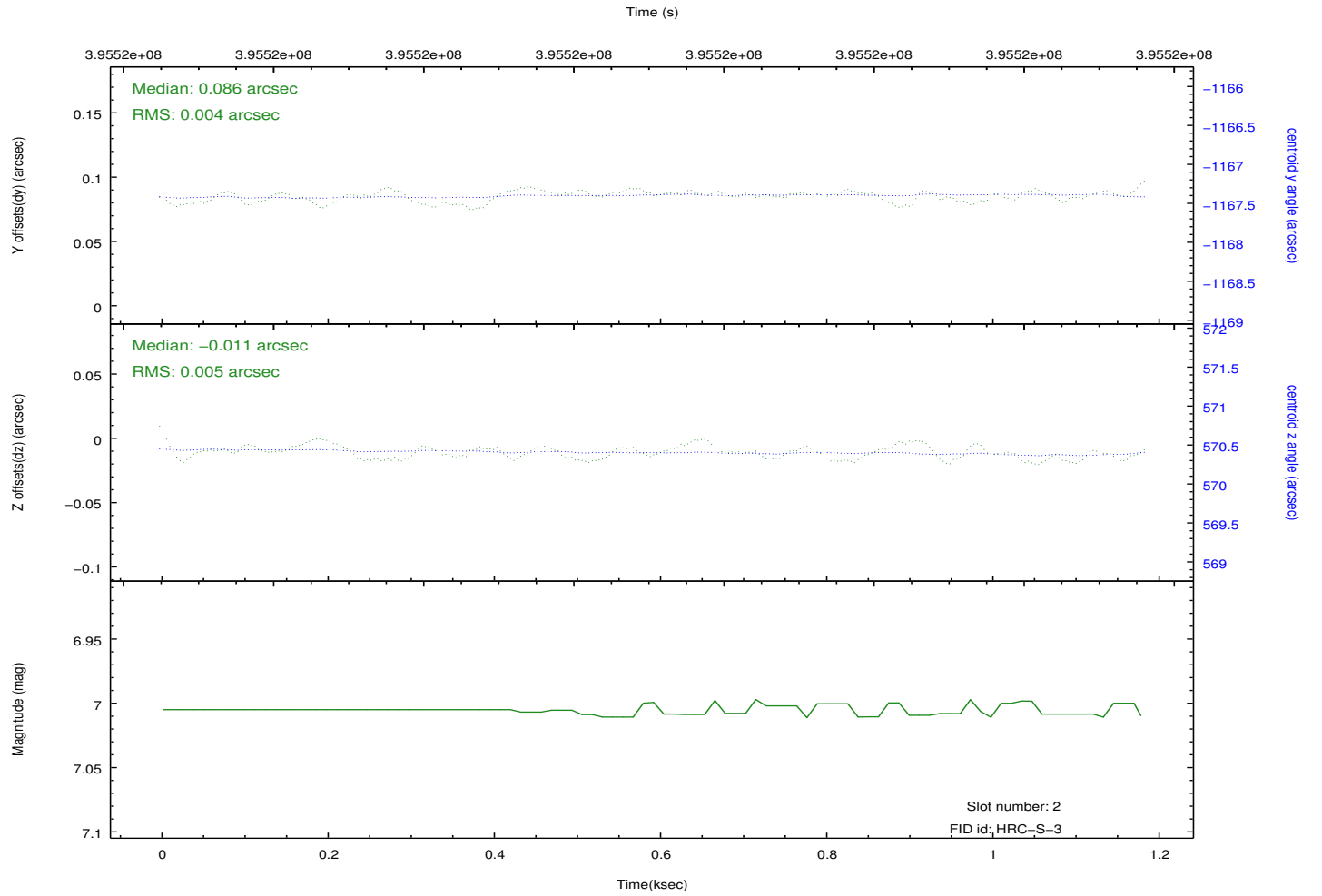
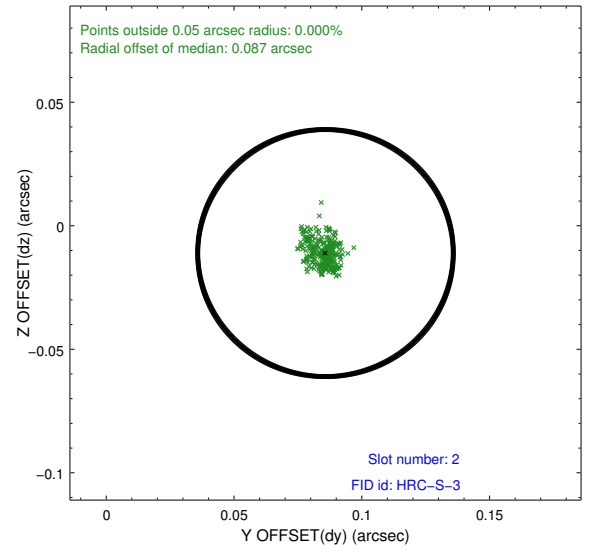
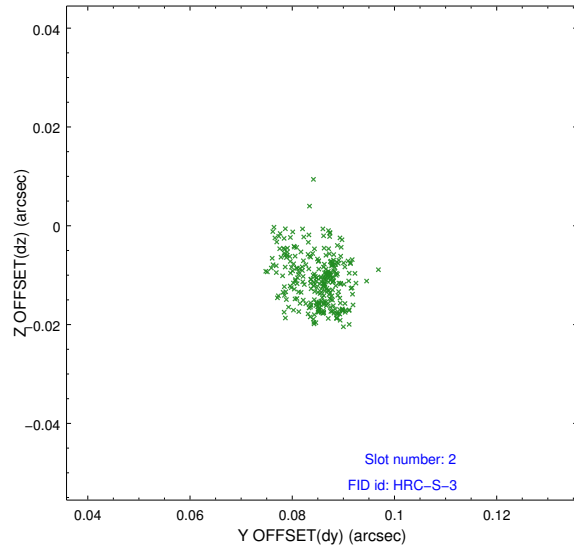
2.5.1 Slot 0



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)	2012.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.1861813106537

A.2 Comments

Window preference met.