

V&V Reference Report

L2 ASCDS Version : 8.5.1.1

Observation 5455 - L2 Version 4
Chandra X-Ray Center

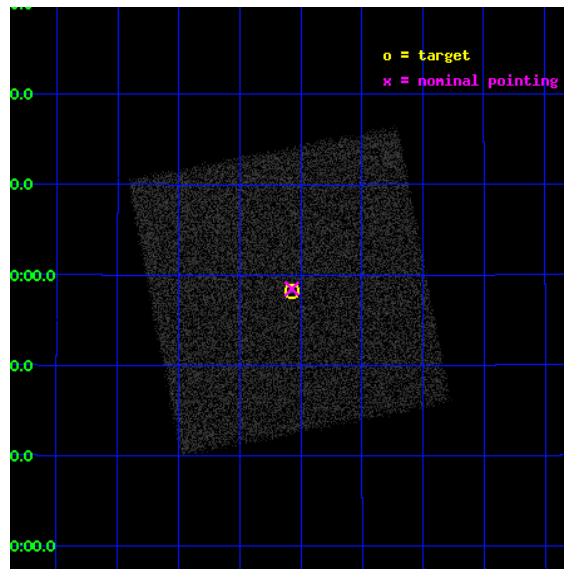
L2 Processing Date : Dec 22 2012

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1 Front

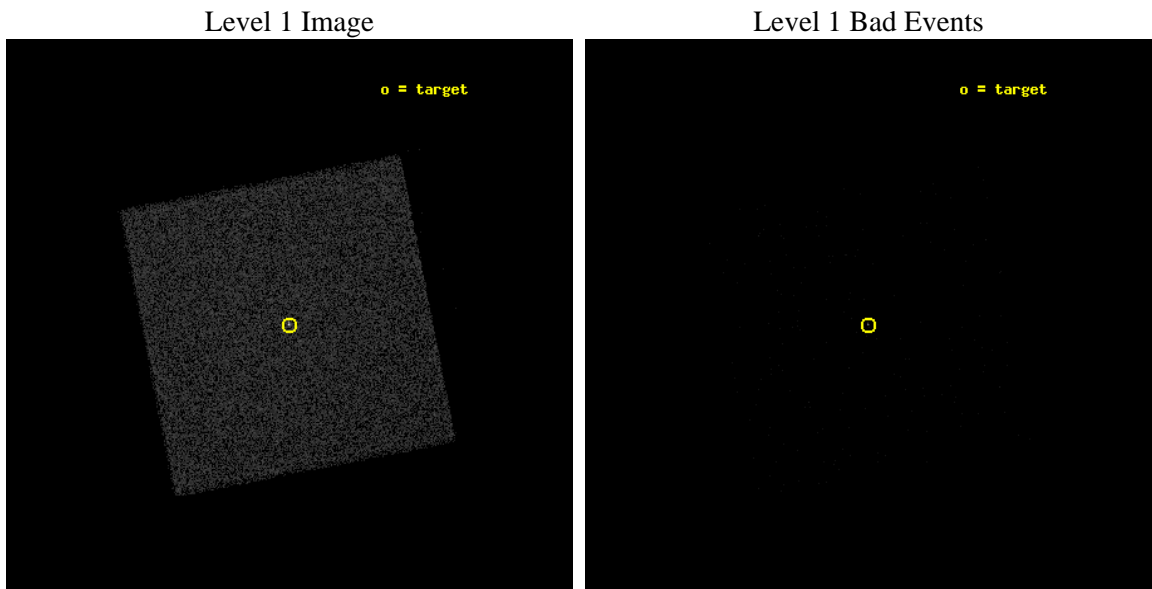
seq_num	400385	Sequence number
obs_id	5455	Observation id
title	Precise astrometry of the X-ray sources 4U1700+24 and 4U1954+319	P
observer	Dr. Nicola Masetti	Principal investigator
object	4U 1700+24	Source name
ra_targ	256.644167	Observer's specified target RA [deg]
dec_targ	23.970556	Observer's specified target Dec [deg]
ra_nom	256.64324973463	Nominal RA [deg]
dec_nom	23.974637954099	Nominal Dec [deg]
roll_nom	123.92444699193	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1157.4813026786	[s]
livetime	1149.2947187078	Ontime multiplied by DTCOR
l2events	45102	Number of level 2 events



2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Parameters

obi_num	1	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.5.1.1	Processing system revision	ontime	1157.4813026786	[s]
caldbver	4.5.5	 	l1events	114341	Number of level 1 events
date	2012-12-22T15:15:23	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

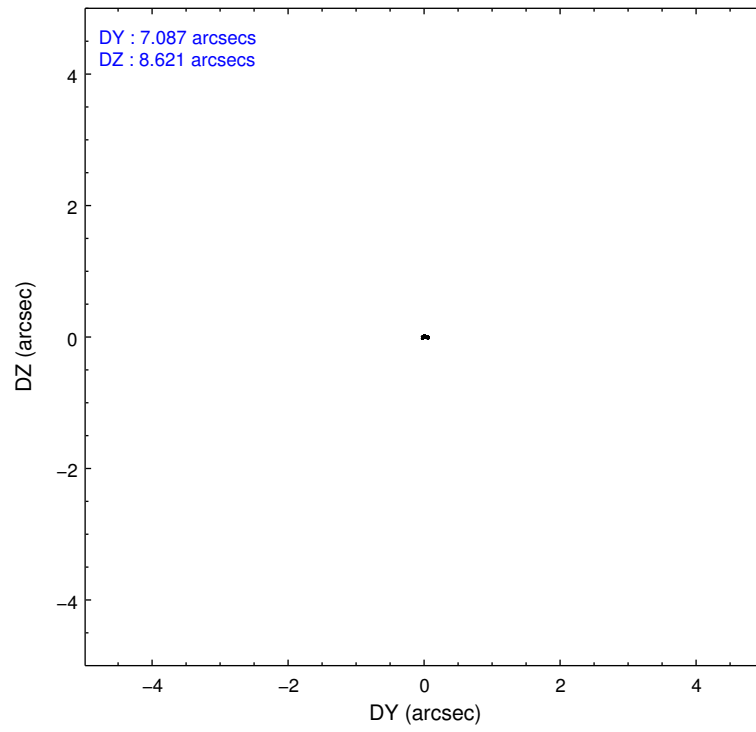
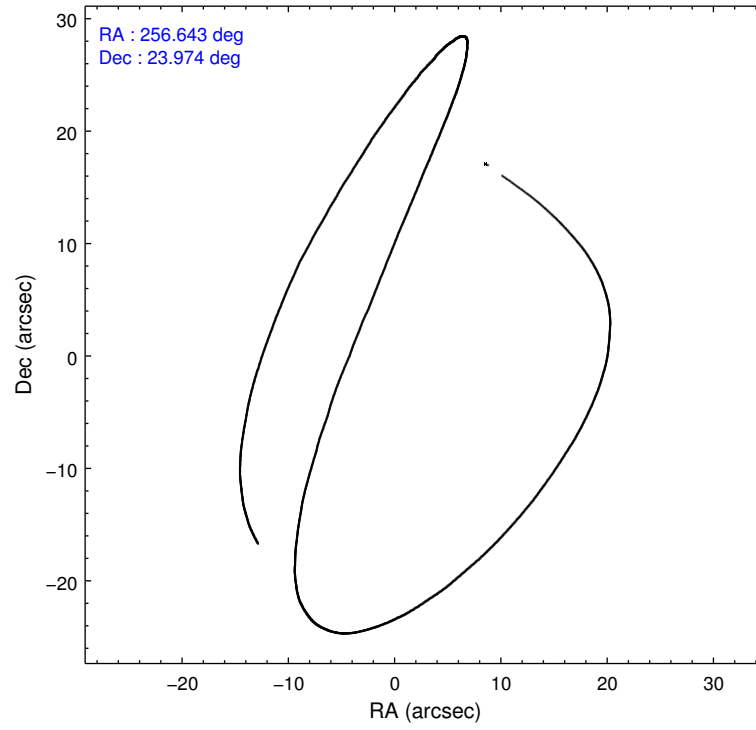
Level 1 Events

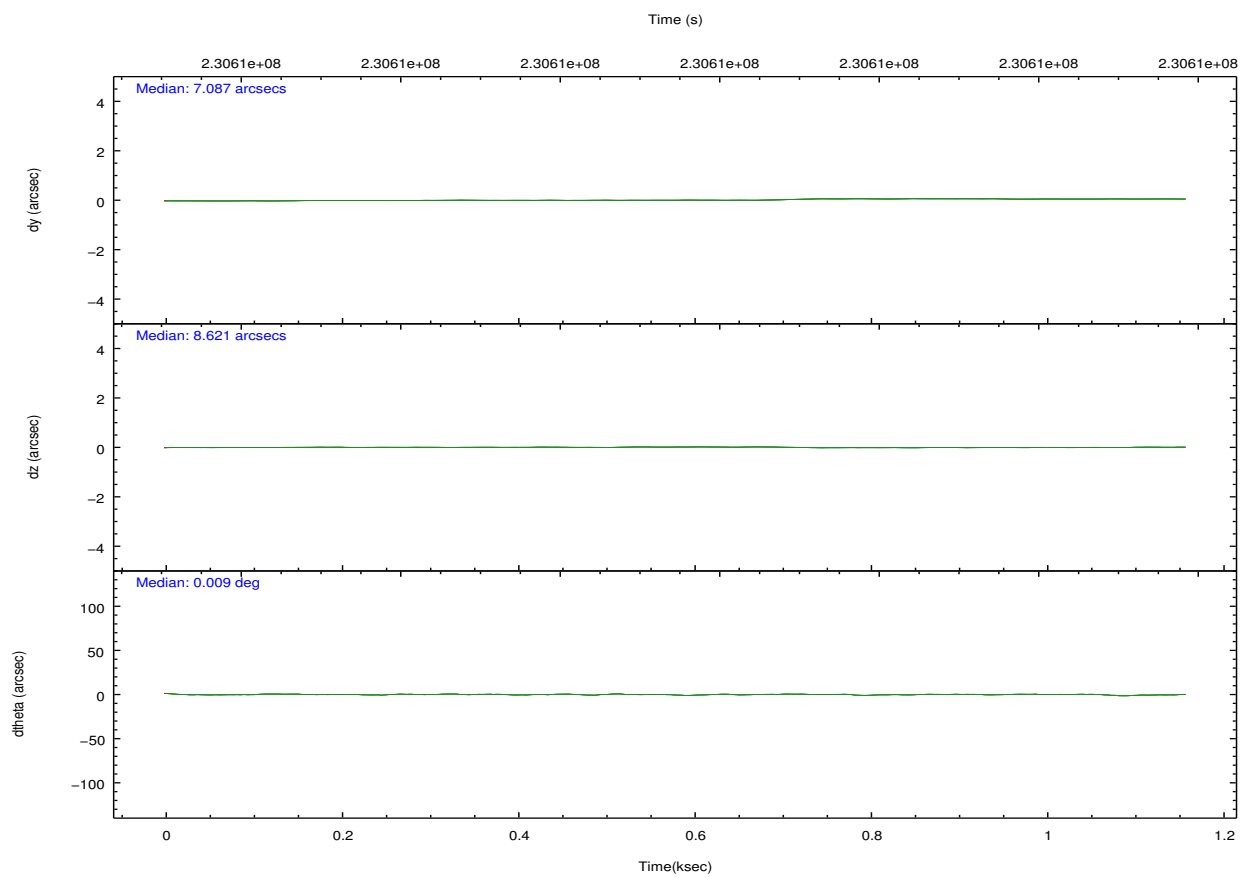
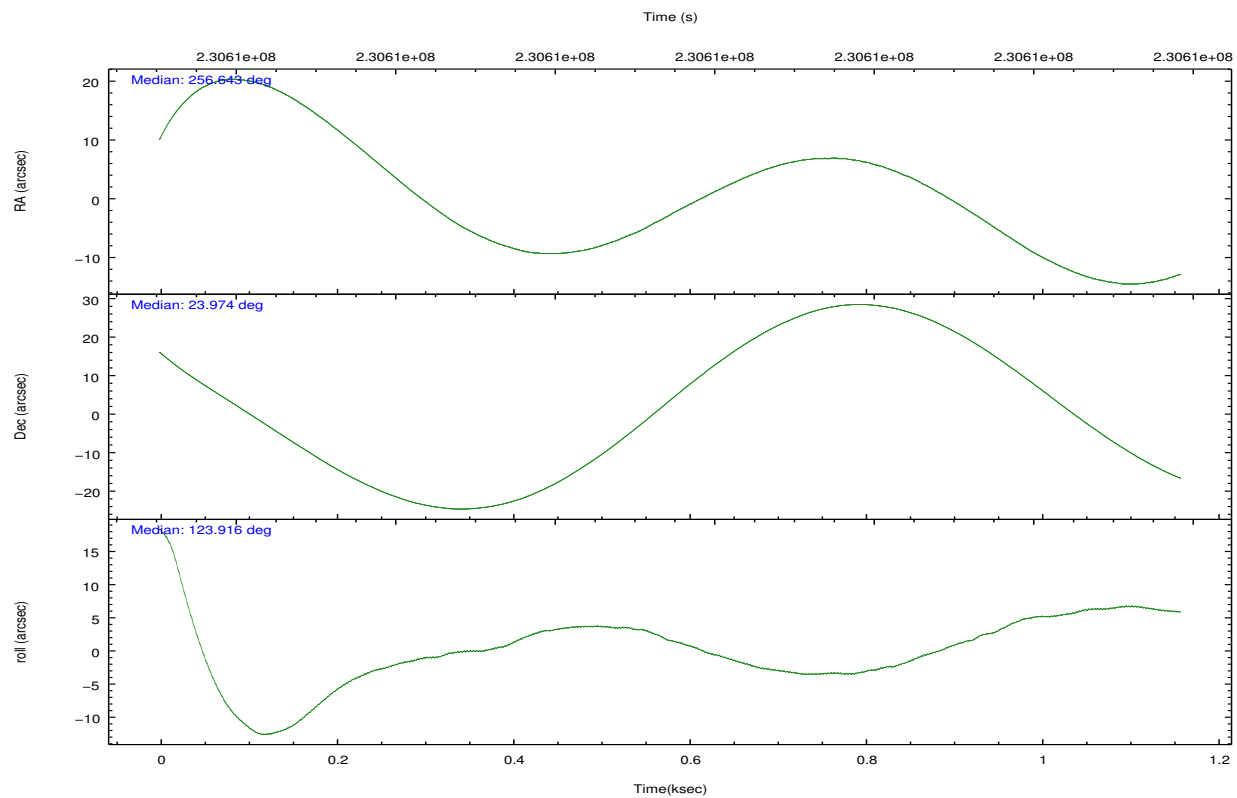
	segment 0
level 1 events	114341
rejected events	48129
rejected %	42%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	7	7
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			
[deg] Pointing RA	256.670212	256.6432497346313			
[deg] Pointing Dec	23.963303	23.97463795409918			
[deg] Pointing Roll	124.008690	123.9244469919329			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9854943052878			
[mm] SIM translation stage offset	0	-5.413686238853188e-06			
[s] Observation start time (MET)	230612524.184000	230611567.13811			
Observation start date	2005-04-23T03:01:00	2005-04-23T02:46:07			
[s] Observation end time (MET)	230613524.184000	230614458.66324			
Observation end date	2005-04-23T03:17:40	2005-04-23T03:34:18			

2.3 Aspect



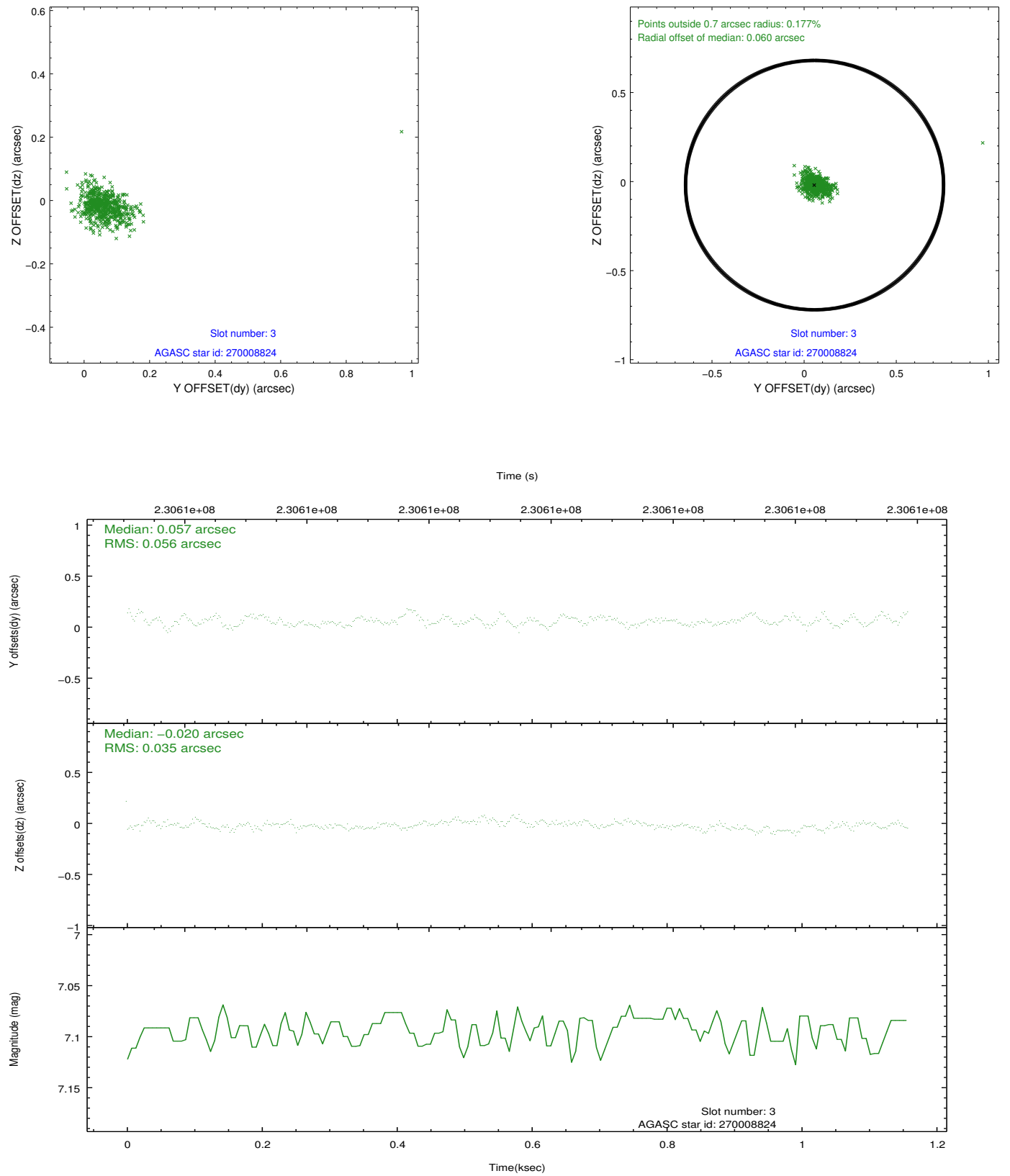


Slot Statistics

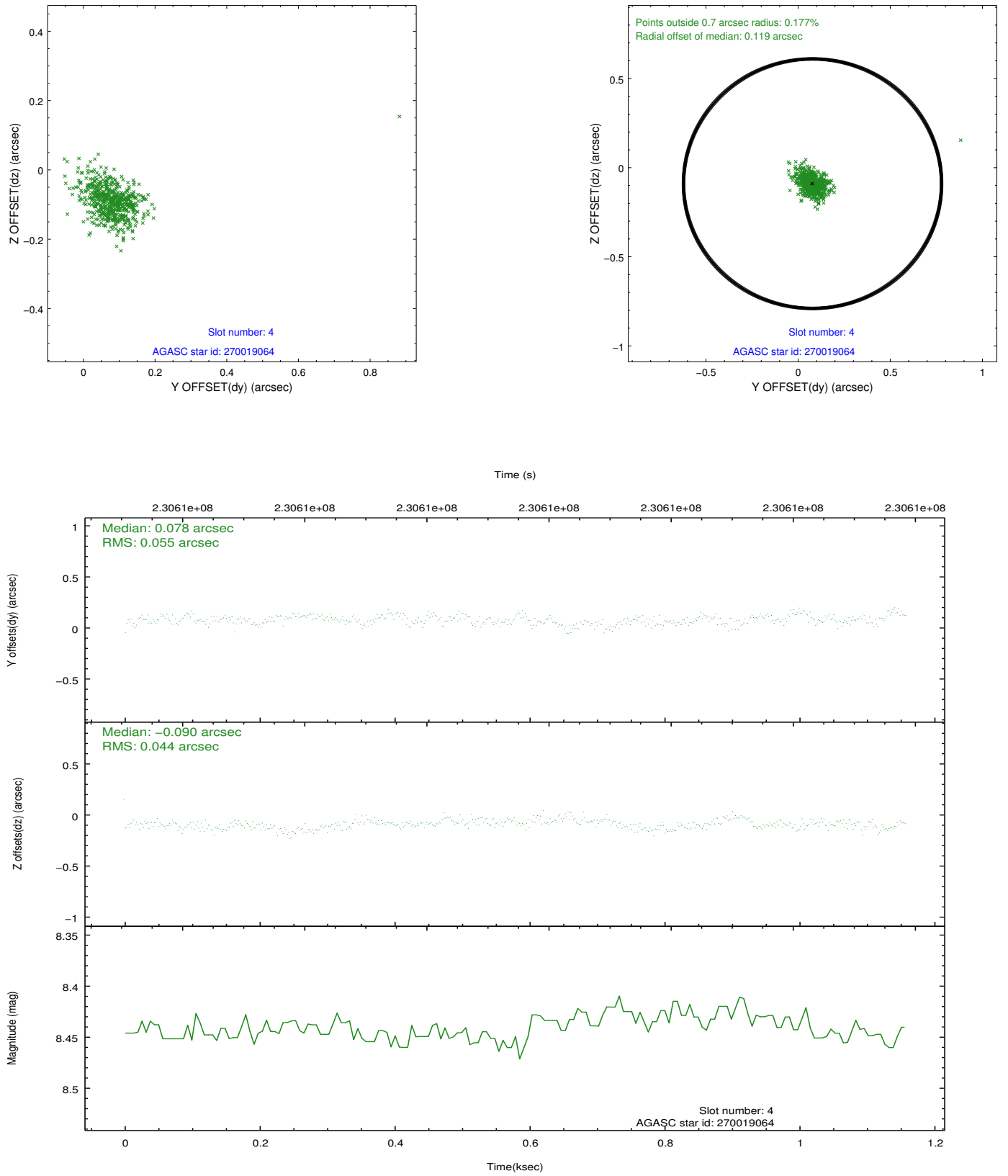
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	283	0.010	0.068	0.007	0.011	0.000000	0.000000	-762.70	-1296.49
1	FID	HRC-I-2	7.01	283	0.110	-0.098	0.006	0.010	0.000000	0.000000	847.34	-1302.82
2	FID	HRC-I-3	7.06	283	-0.001	-0.059	0.006	0.011	0.000000	0.000000	-1188.17	1003.35
3	GUIDE	270008824	7.09	566	0.057	-0.020	0.055	0.096	256.514301	23.322063	-1624.97	1718.23
4	GUIDE	270019064	8.44	566	0.078	-0.090	0.063	0.110	256.784607	23.399474	-1896.67	825.08
5	GUIDE	270533184	8.67	566	0.172	-0.010	0.071	0.116	256.939866	24.583486	1355.18	-1979.26
6	GUIDE	270537568	7.26	566	-0.184	0.205	0.079	0.131	257.139787	24.486485	705.59	-2333.15
7	GUIDE	270011000	9.36	565	-0.119	-0.089	0.100	0.171	256.249177	24.250349	1632.66	562.66

2.4 Star Slots

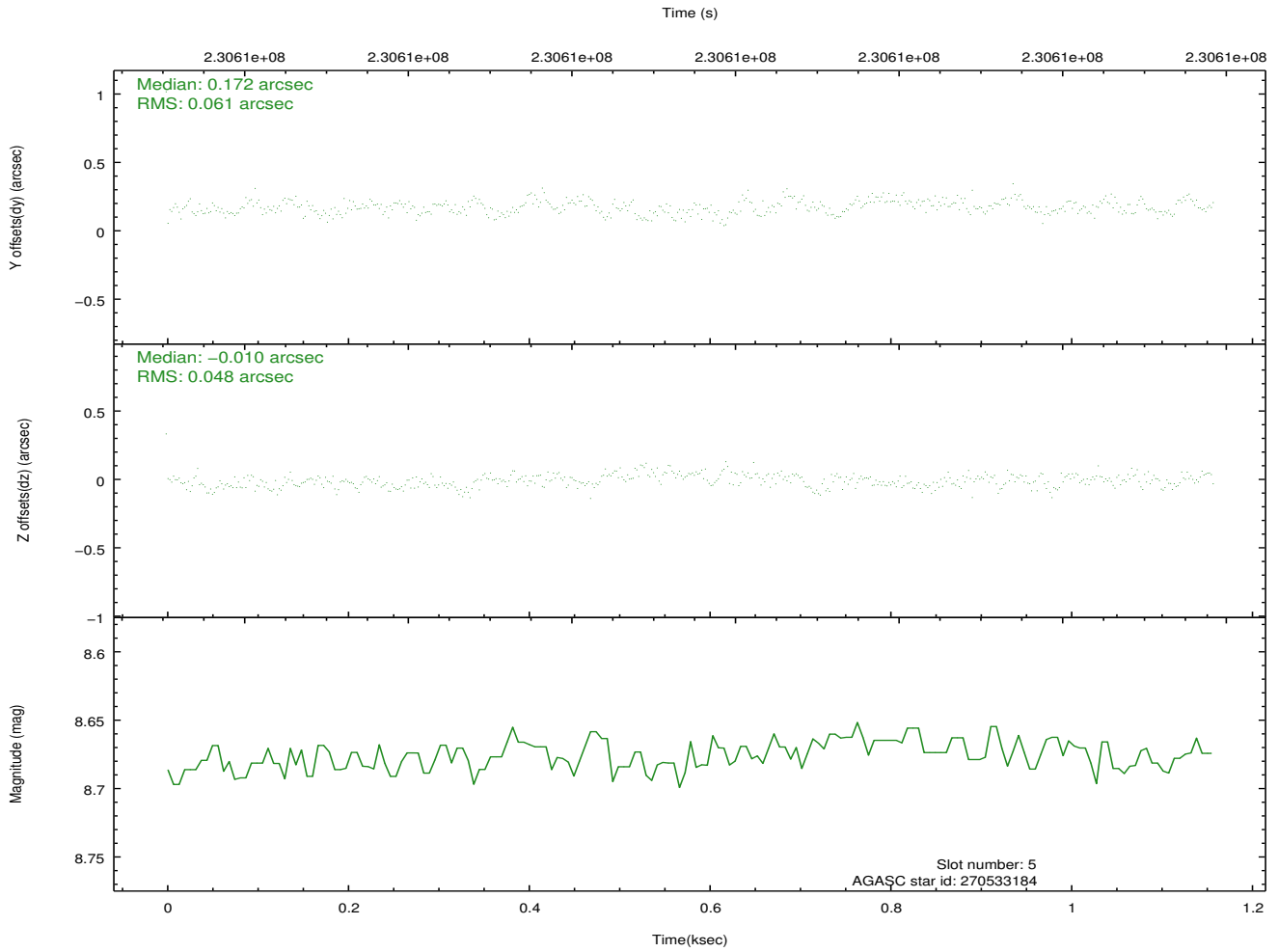
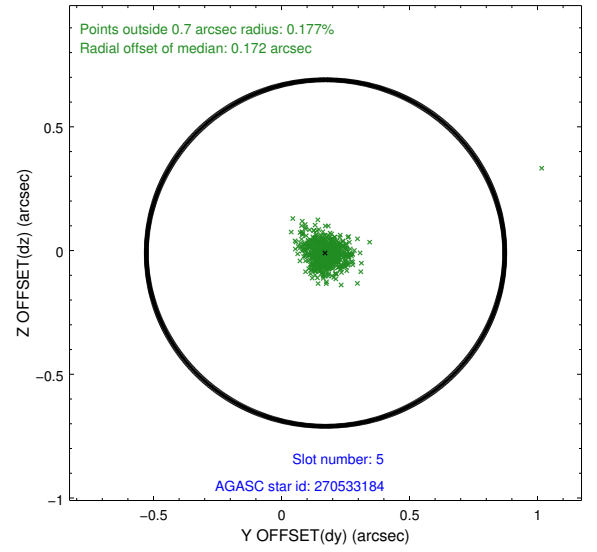
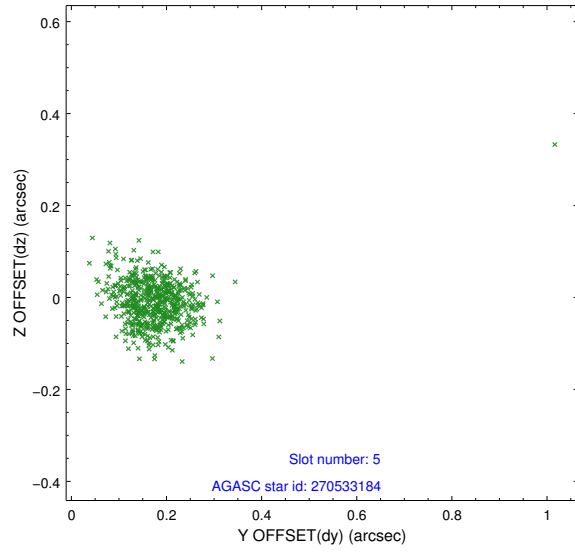
2.4.1 Slot 3



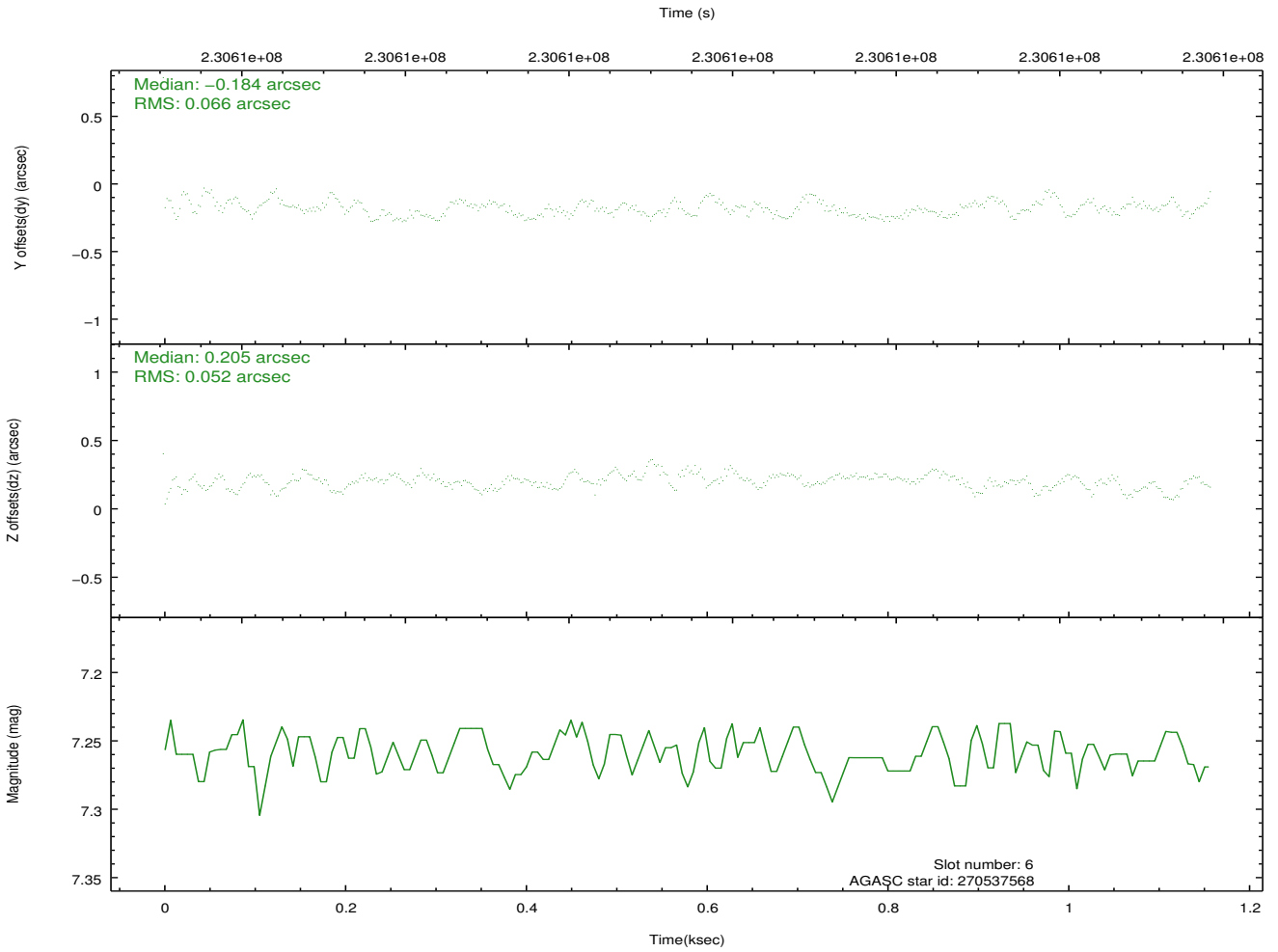
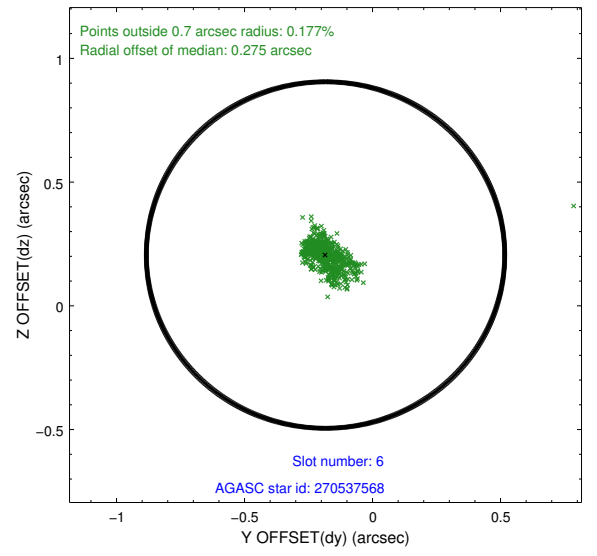
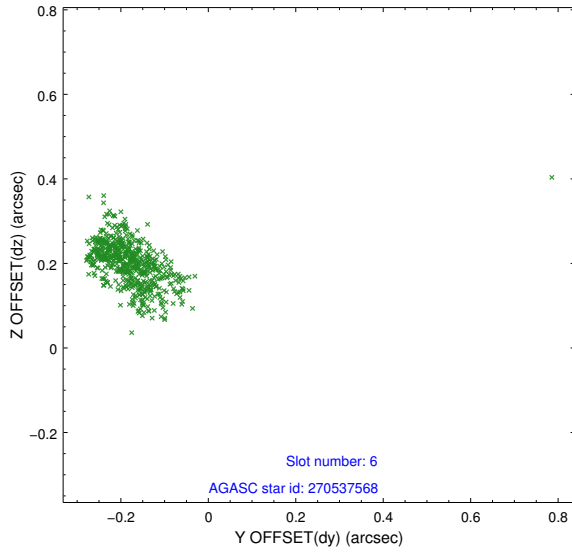
2.4.2 Slot 4



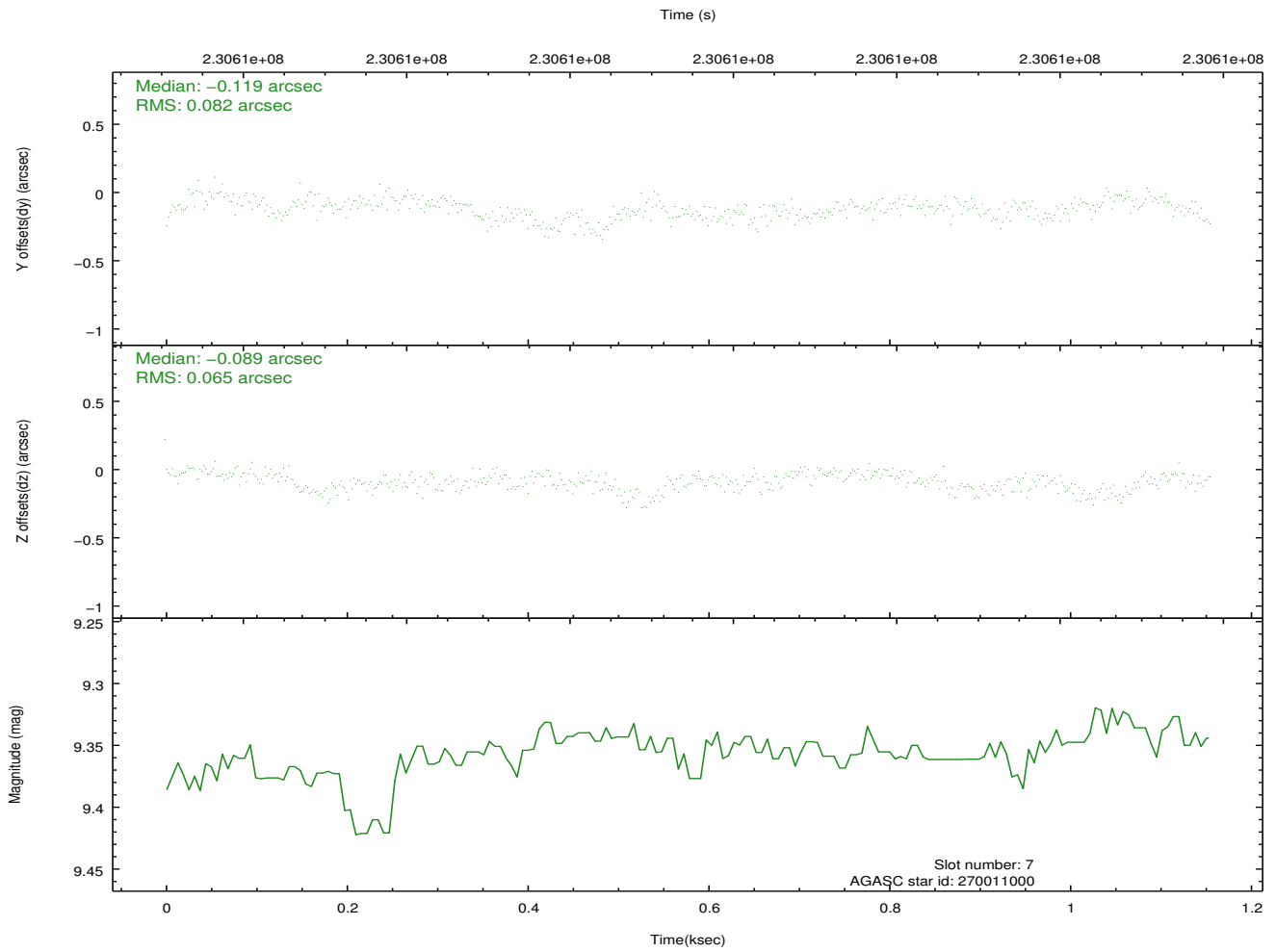
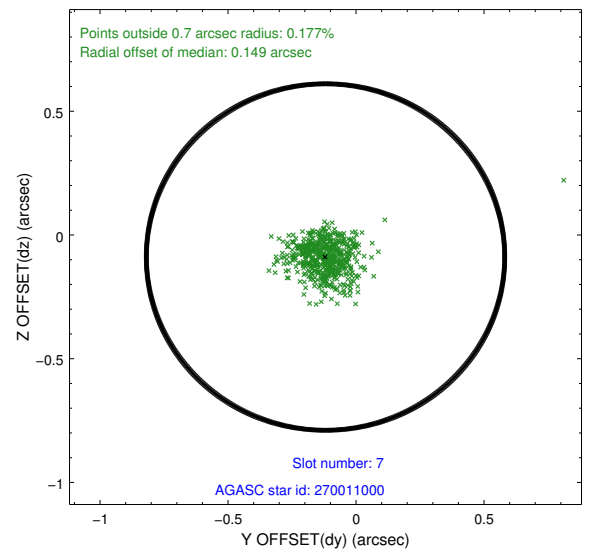
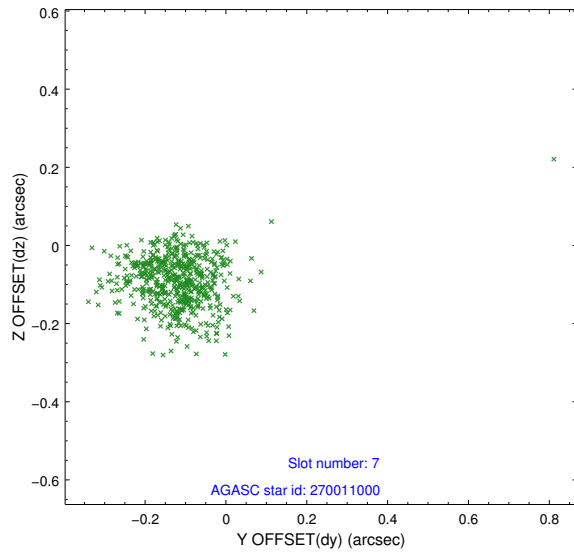
2.4.3 Slot 5



2.4.4 Slot 6

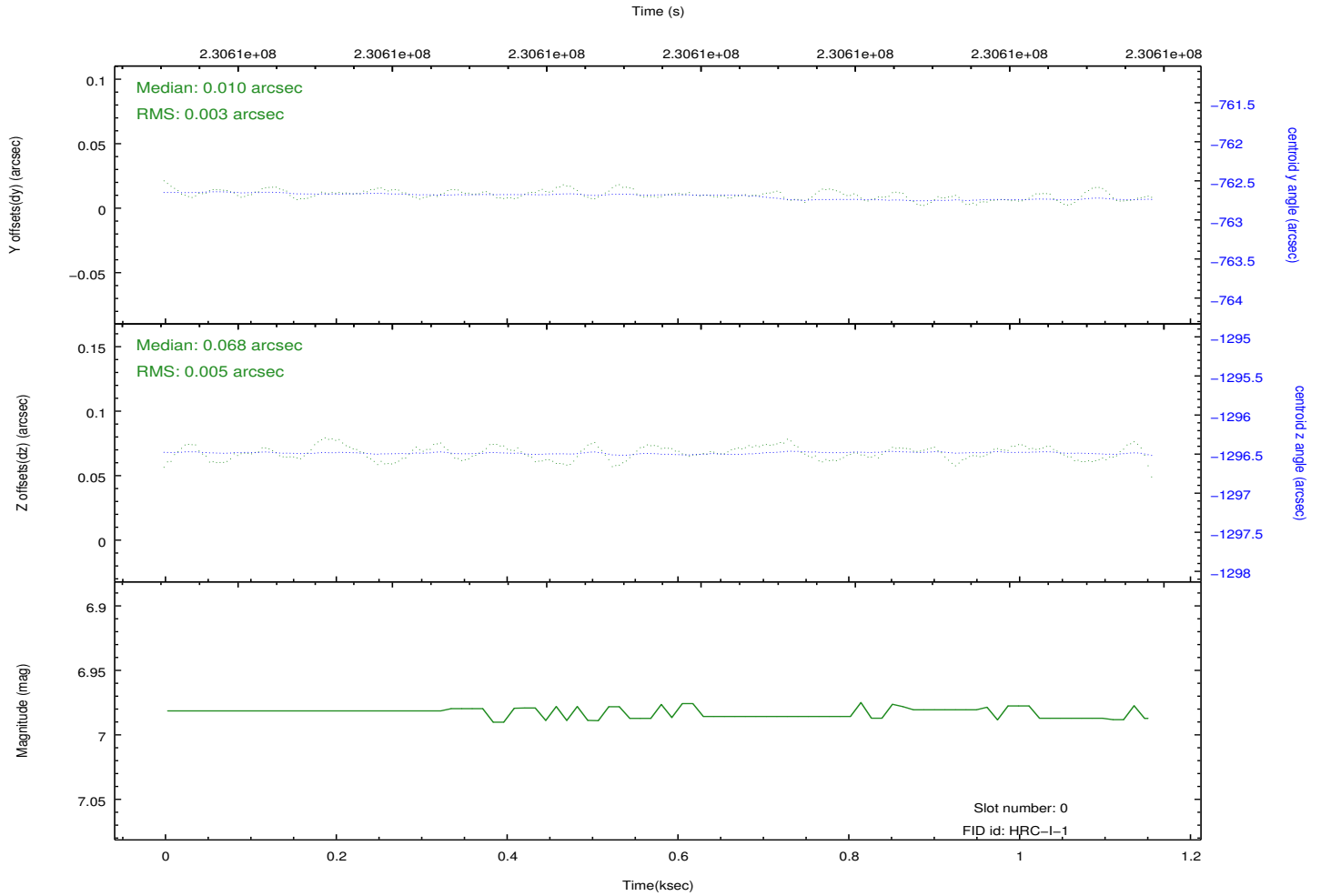
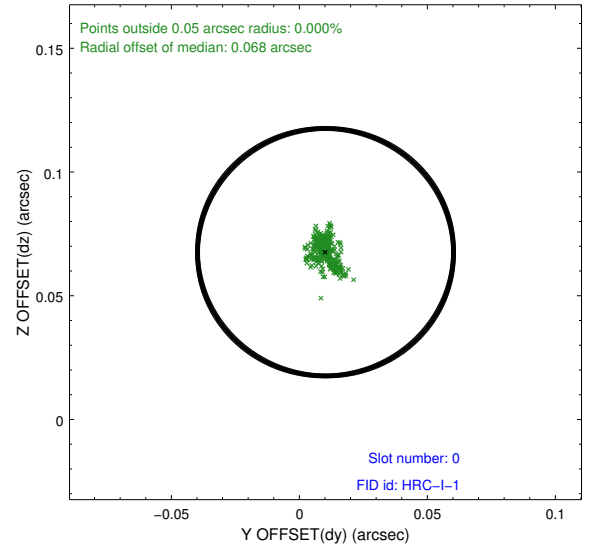
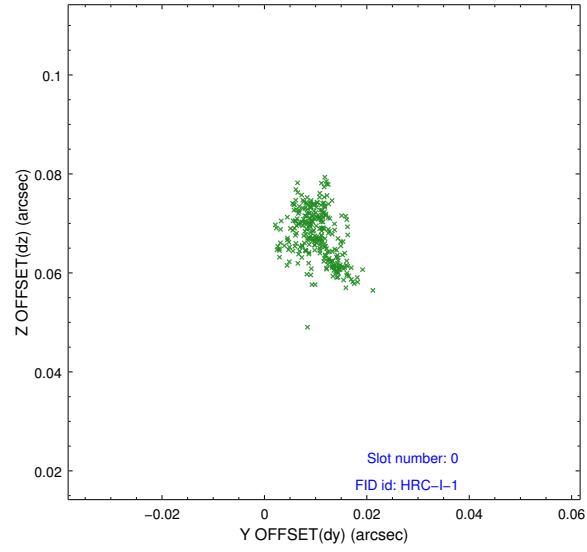


2.4.5 Slot 7

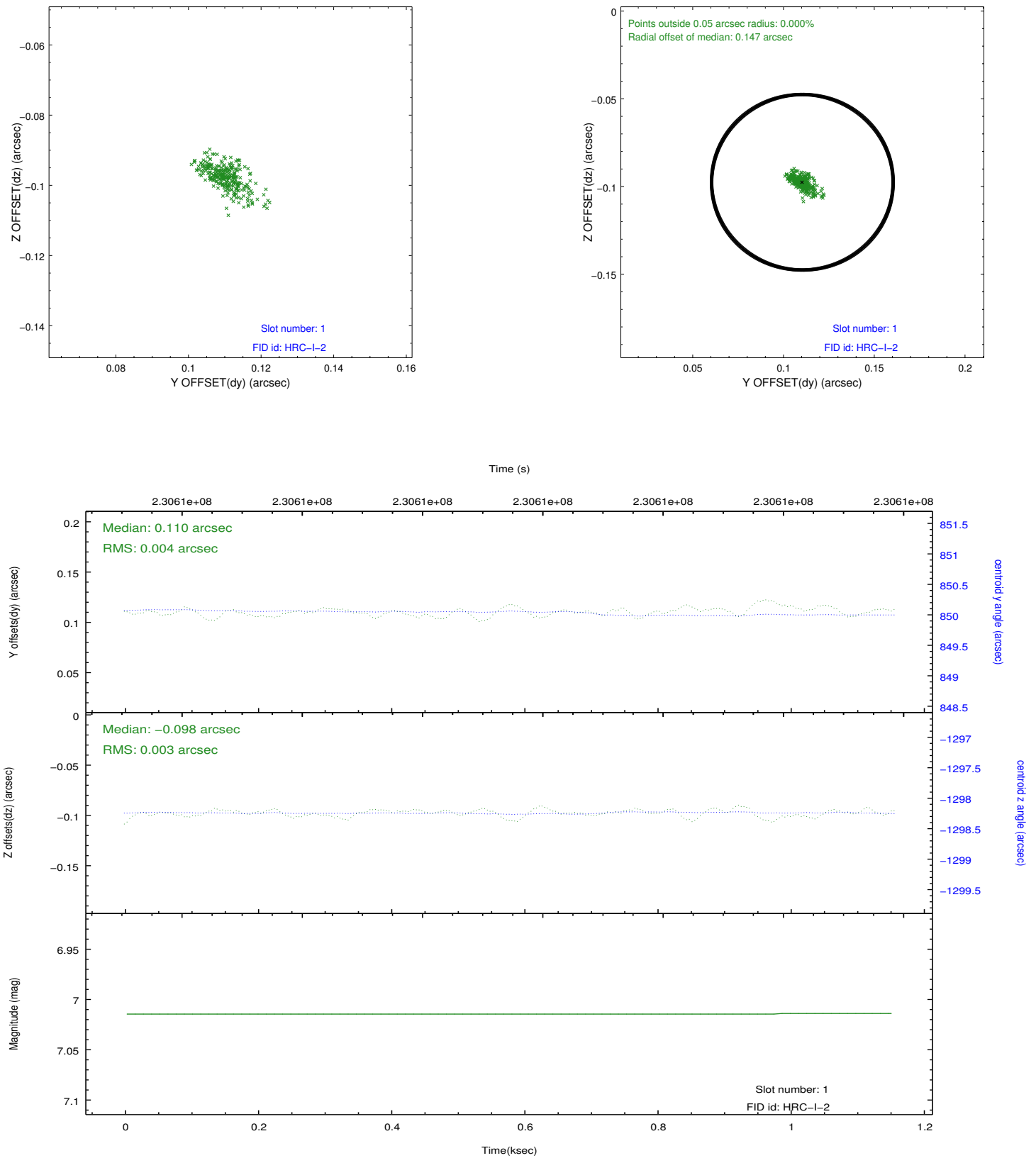


2.5 FID Slots

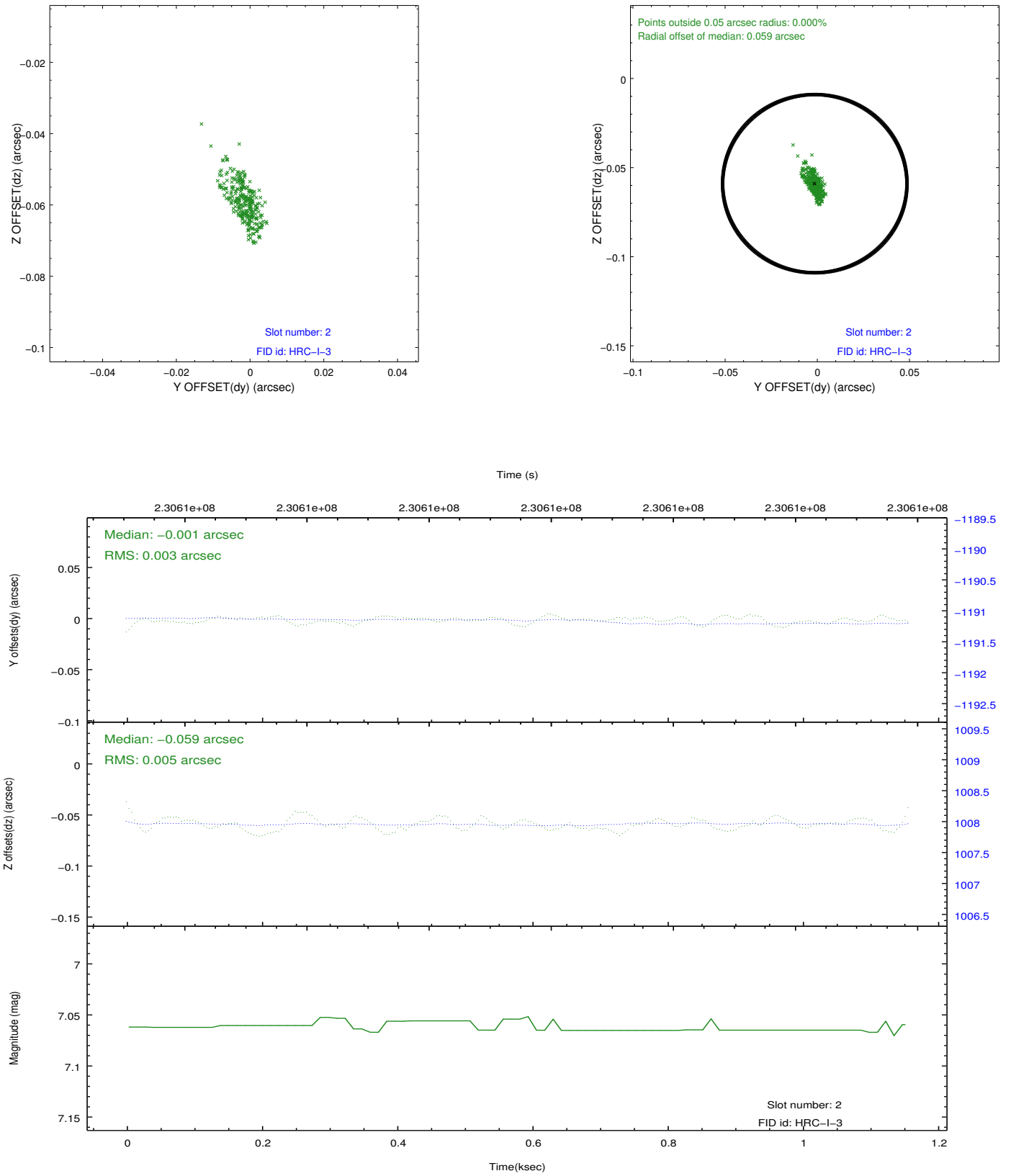
2.5.1 Slot 0



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)	2013.01.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.157481

A.2 Comments