

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2893 - L2 Version 4
Chandra X-Ray Center

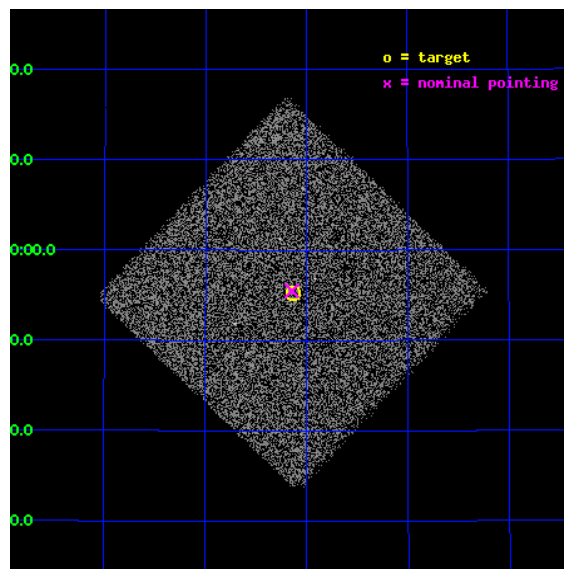
L2 Processing Date : Oct 8 2012

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1 Front

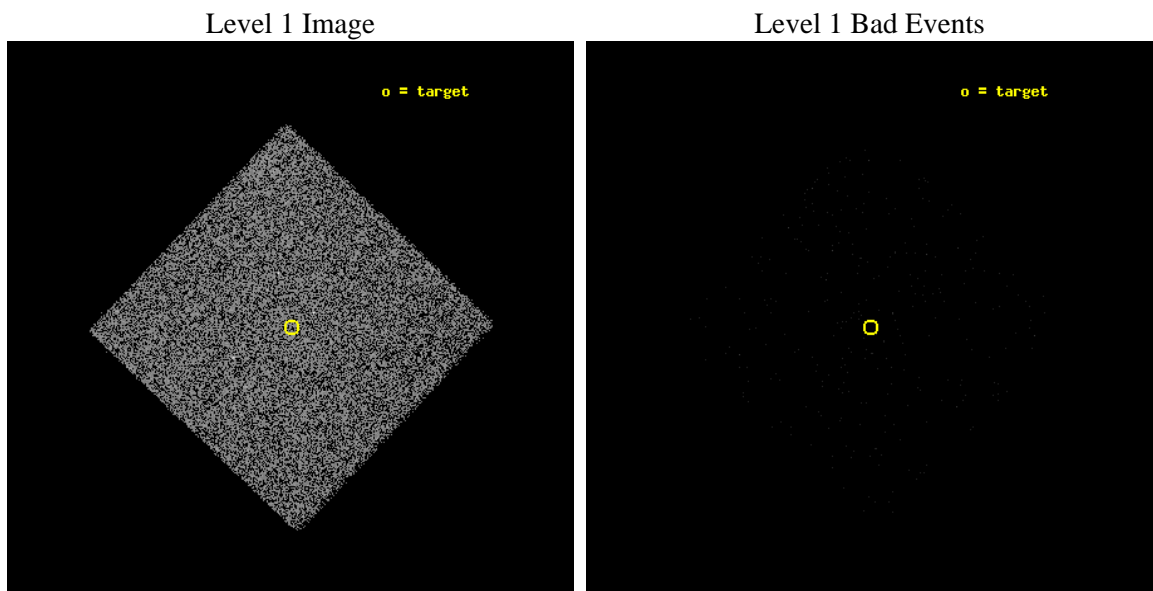
seq_num	600230	Sequence number
obs_id	2893	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-S1	Source name
ra_targ	10.532917	Observer's specified target RA [deg]
dec_targ	40.921	Observer's specified target Dec [deg]
ra_nom	10.536332232813	Nominal RA [deg]
dec_nom	40.925176646006	Nominal Dec [deg]
roll_nom	88.712201769061	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1196.431298852	[s]
livetime	1190.1954233821	Ontime multiplied by DTCOR
l2events	31642	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	1196.431298852	[s]
caldsver	4.5.2	 	l1events	59833	Number of level 1 events
date	2012-10-08T07:46:47	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

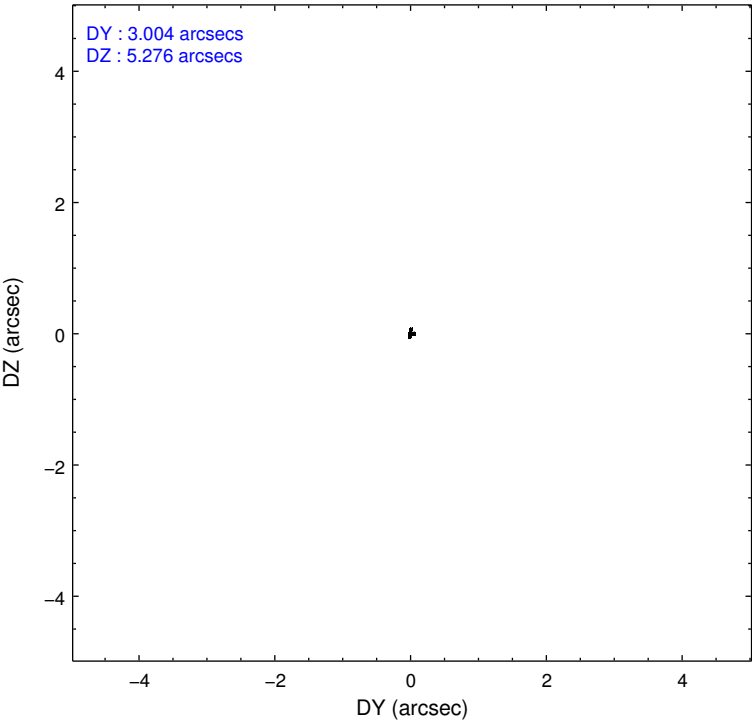
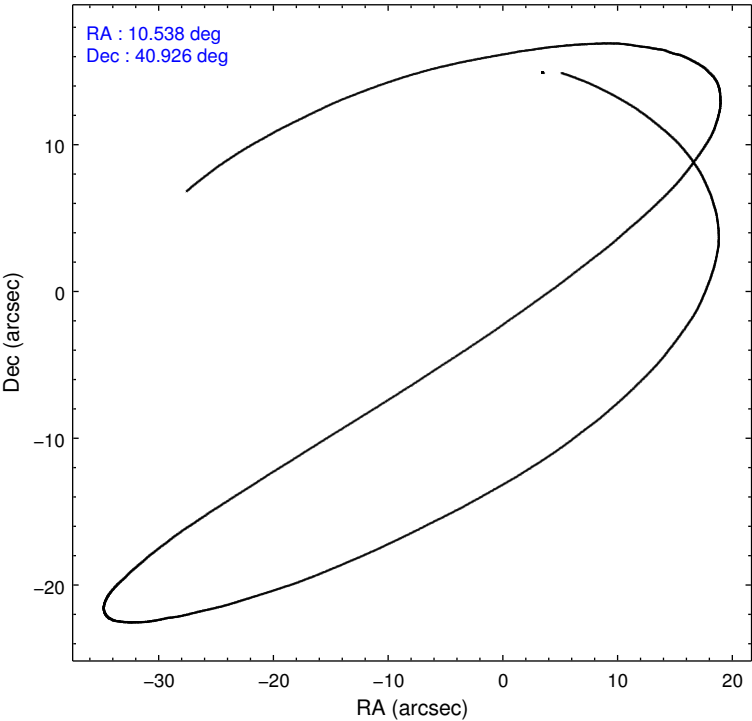
Level 1 Events

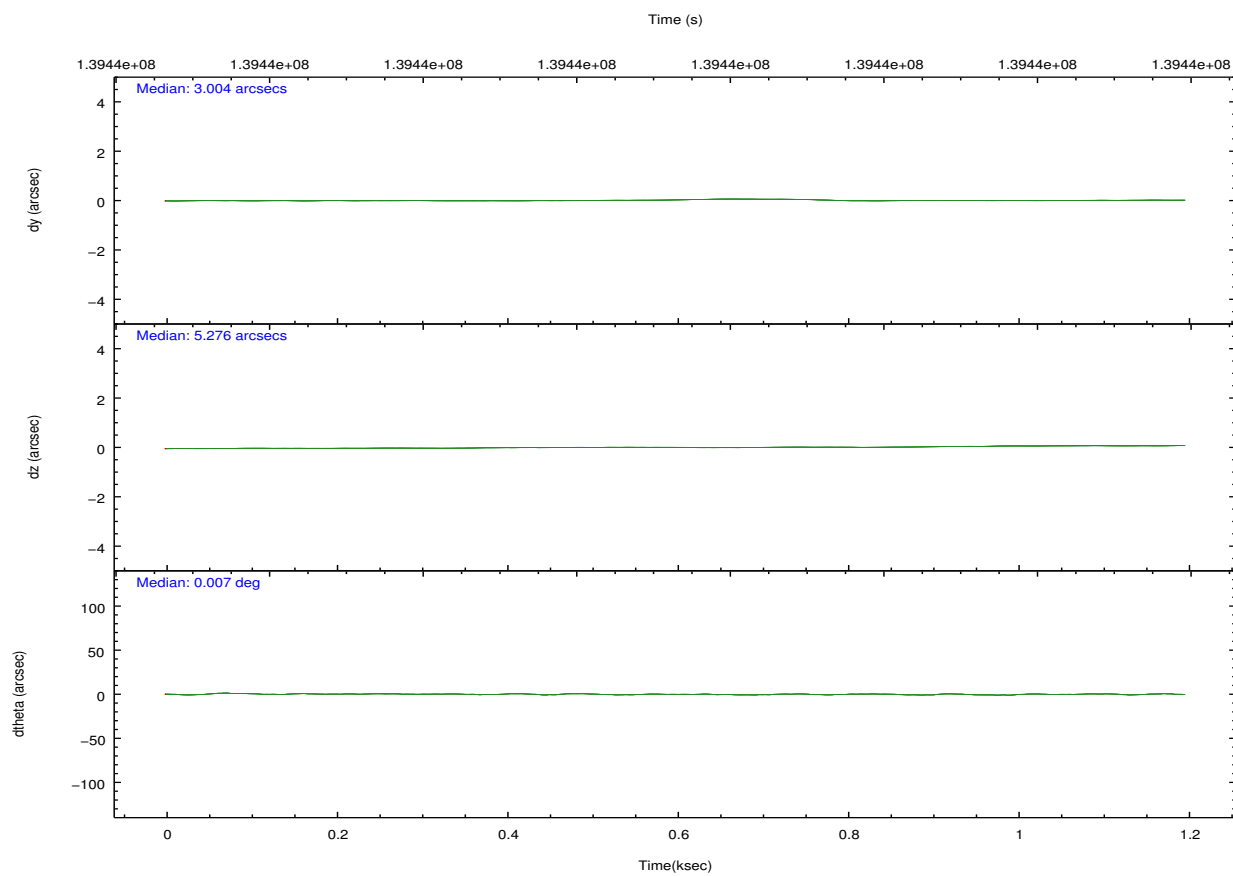
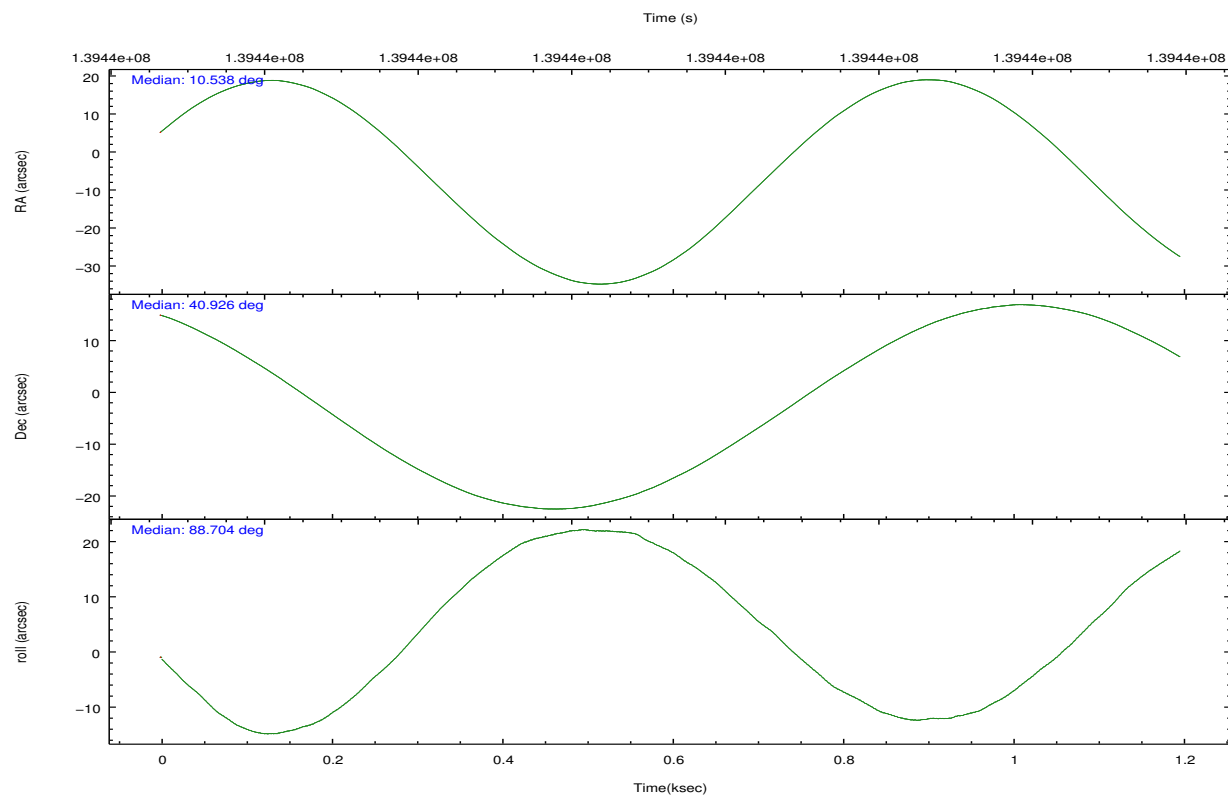
	segment 0
level 1 events	59833
rejected events	12313
rejected %	20%

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	10.553116	10.53633223281299			
[deg] Pointing Dec	40.901348	40.92517664600635			
[deg] Pointing Roll	88.796685	88.71220176906134			
[s] Window start time (MET)	138844864.184000	138844864.184000			
[s] Window stop time (MET)	139363264.184000	139363264.184000			
[mm] SIM focus pos	-1.040293	-1.038866356238299			
[mm] SIM defocus	0	0.001426264420575141			
[mm] SIM translation stage pos	126.985494	126.9829799899862			
[mm] SIM translation stage offset	0	0.002508901615314585			
[s] Observation start time (MET)	139439522.184000	139439146.72202			
Observation start date	2002-06-02T21:10:58	2002-06-02T21:05:46			
[s] Observation end time (MET)	139440522.184000	139440656.54709			
Observation end date	2002-06-02T21:27:38	2002-06-02T21:30:56			

2.3 Aspect



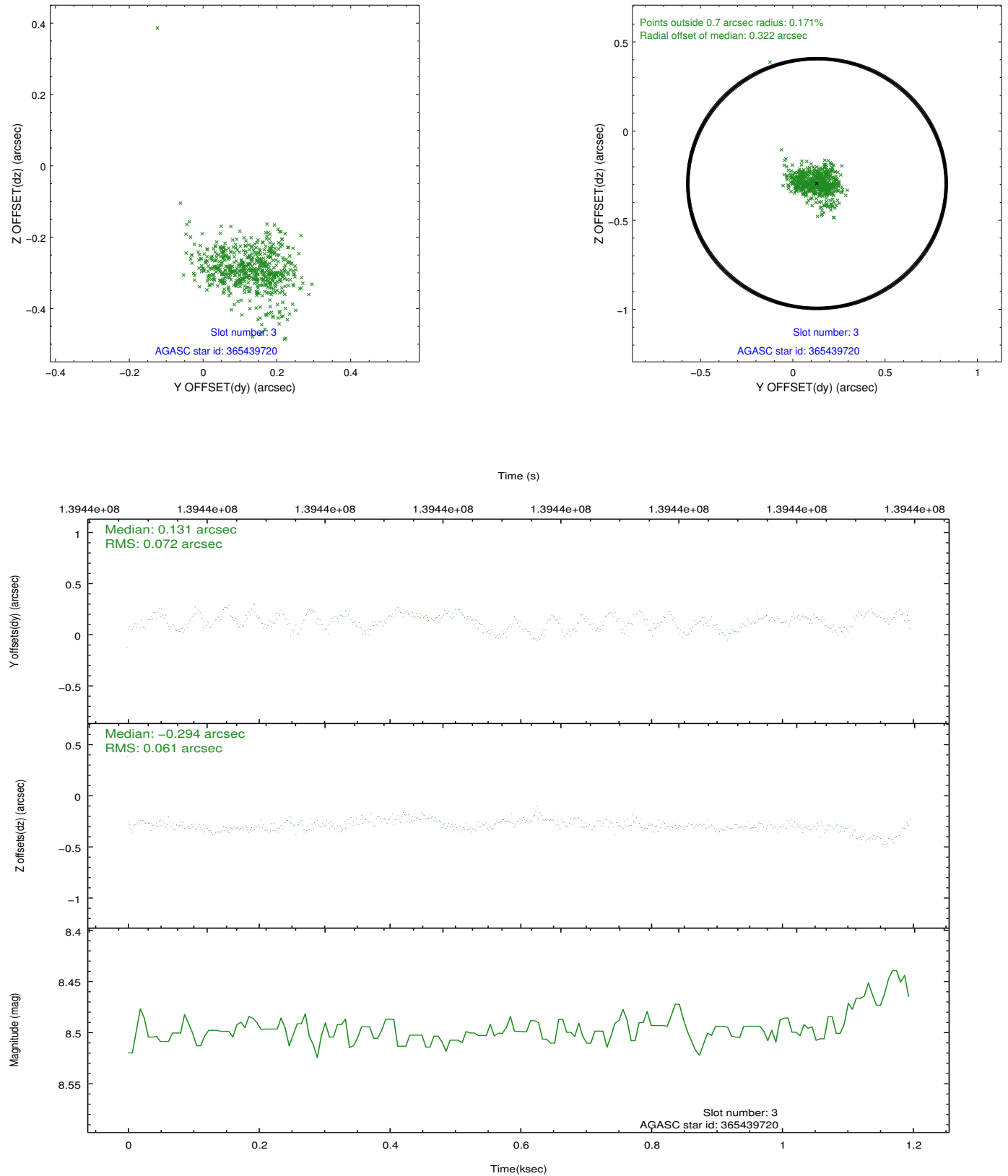


Slot Statistics

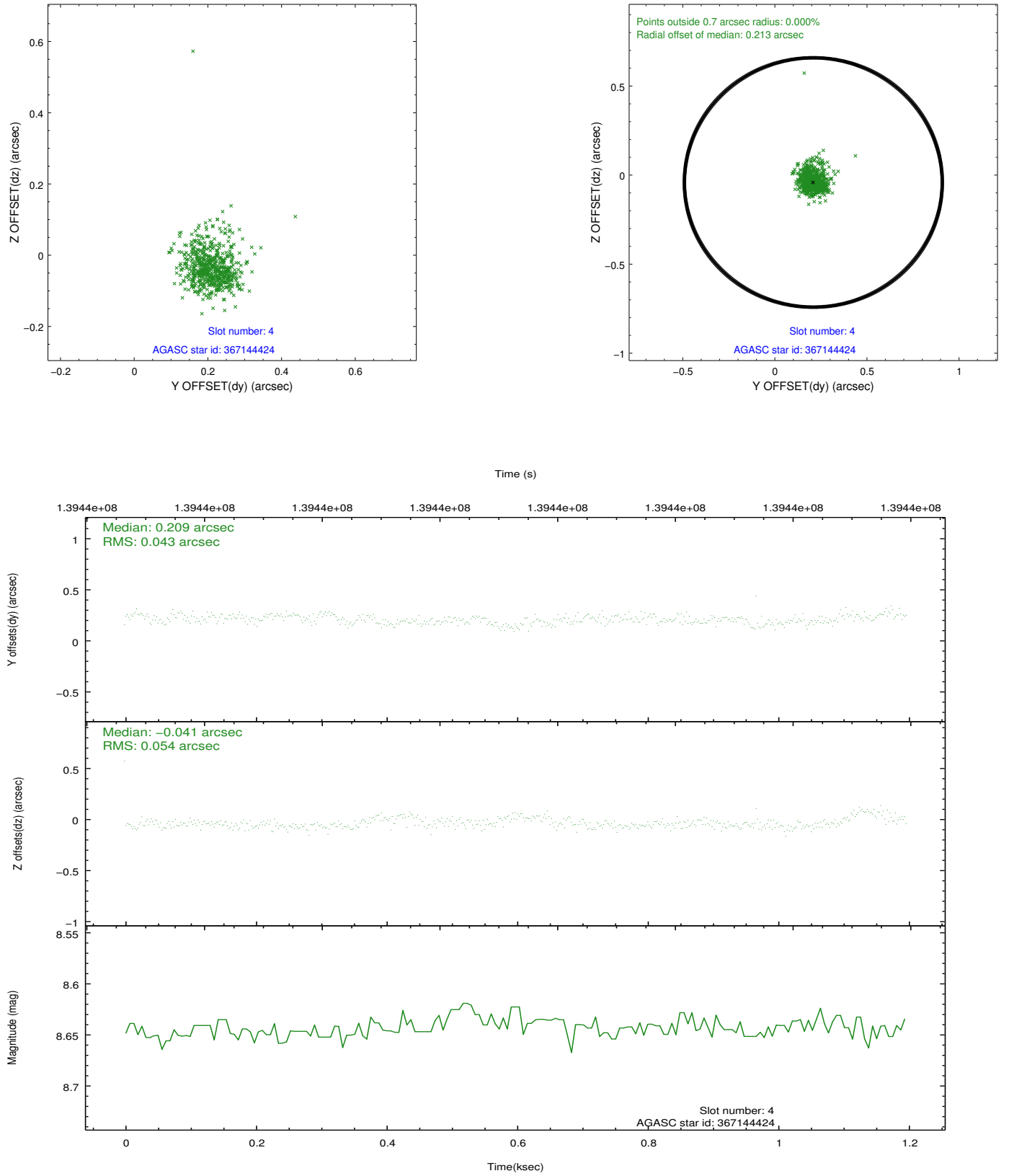
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.98	293	-0.000	0.039	0.007	0.011	0.000000	0.000000	-758.46	-1293.05
1	FID	HRC-I-2	7.02	293	0.070	-0.034	0.007	0.011	0.000000	0.000000	851.66	-1299.07
2	FID	HRC-I-3	7.06	293	0.050	-0.094	0.007	0.011	0.000000	0.000000	-1184.04	1006.94
3	GUIDE	365439720	8.50	585	0.131	-0.294	0.095	0.156	9.704623	40.431022	-1731.64	2293.17
4	GUIDE	367144424	8.64	585	0.209	-0.041	0.065	0.122	10.464515	40.309136	-2140.27	206.40
5	GUIDE	367146616	8.86	585	-0.162	0.268	0.128	0.282	11.418645	41.190163	1095.87	-2317.11
6	GUIDE	367657896	9.03	585	-0.159	0.189	0.089	0.138	11.197765	41.313576	1527.67	-1710.69
7	GUIDE	367658664	9.60	584	-0.019	-0.118	0.088	0.147	10.374070	41.369746	1677.73	520.60

2.4 Star Slots

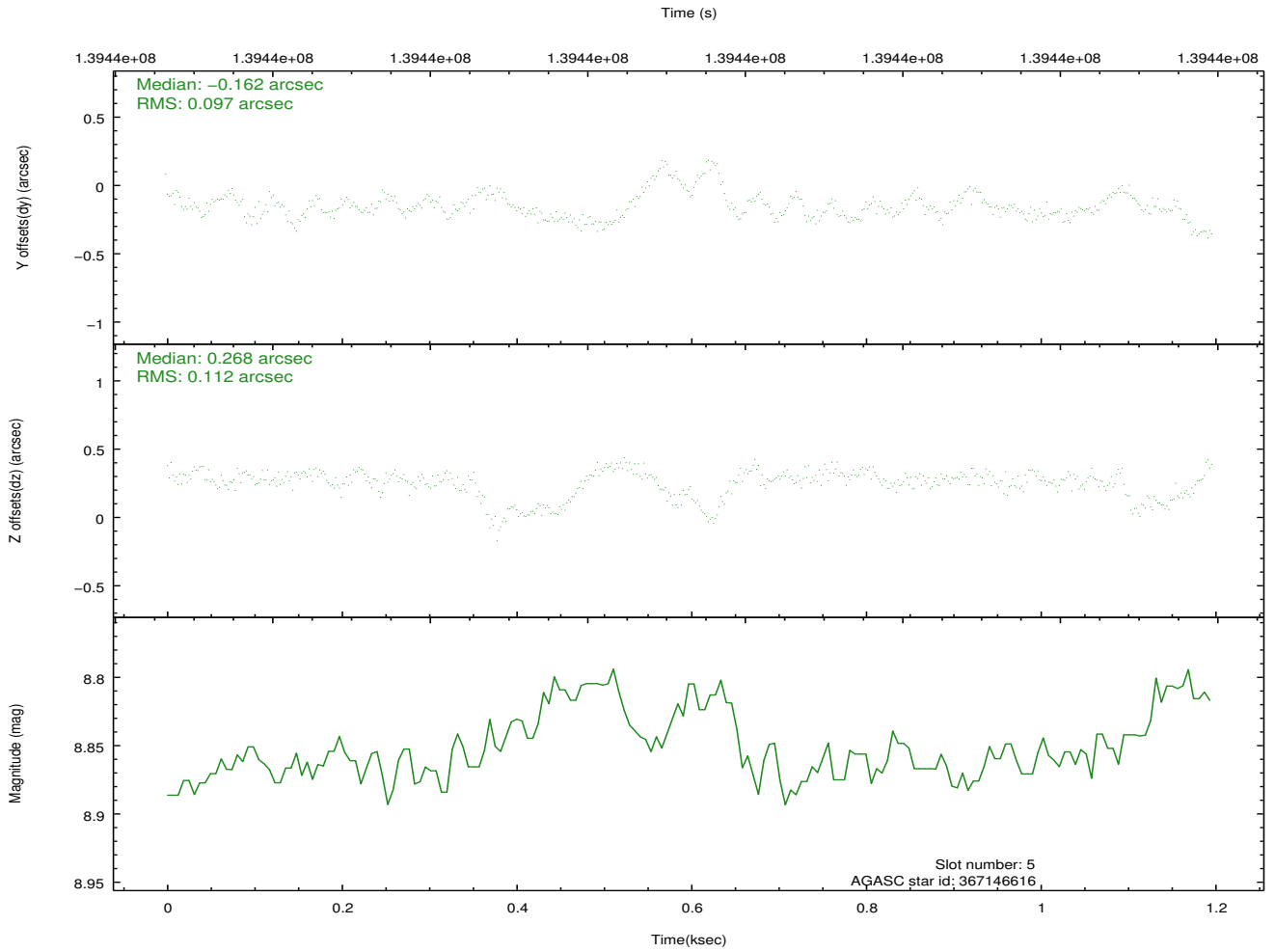
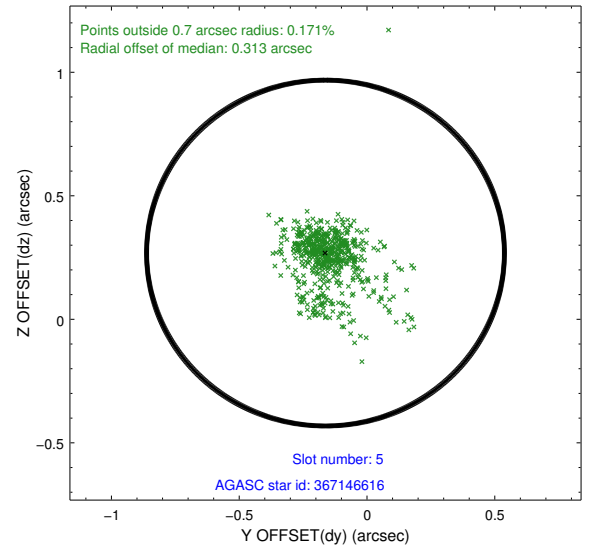
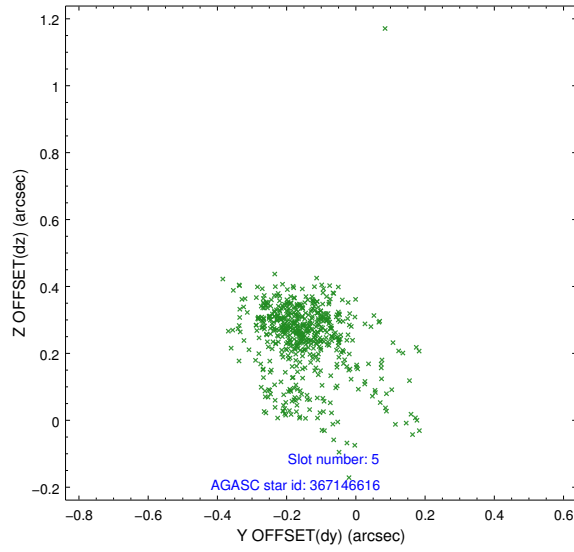
2.4.1 Slot 3



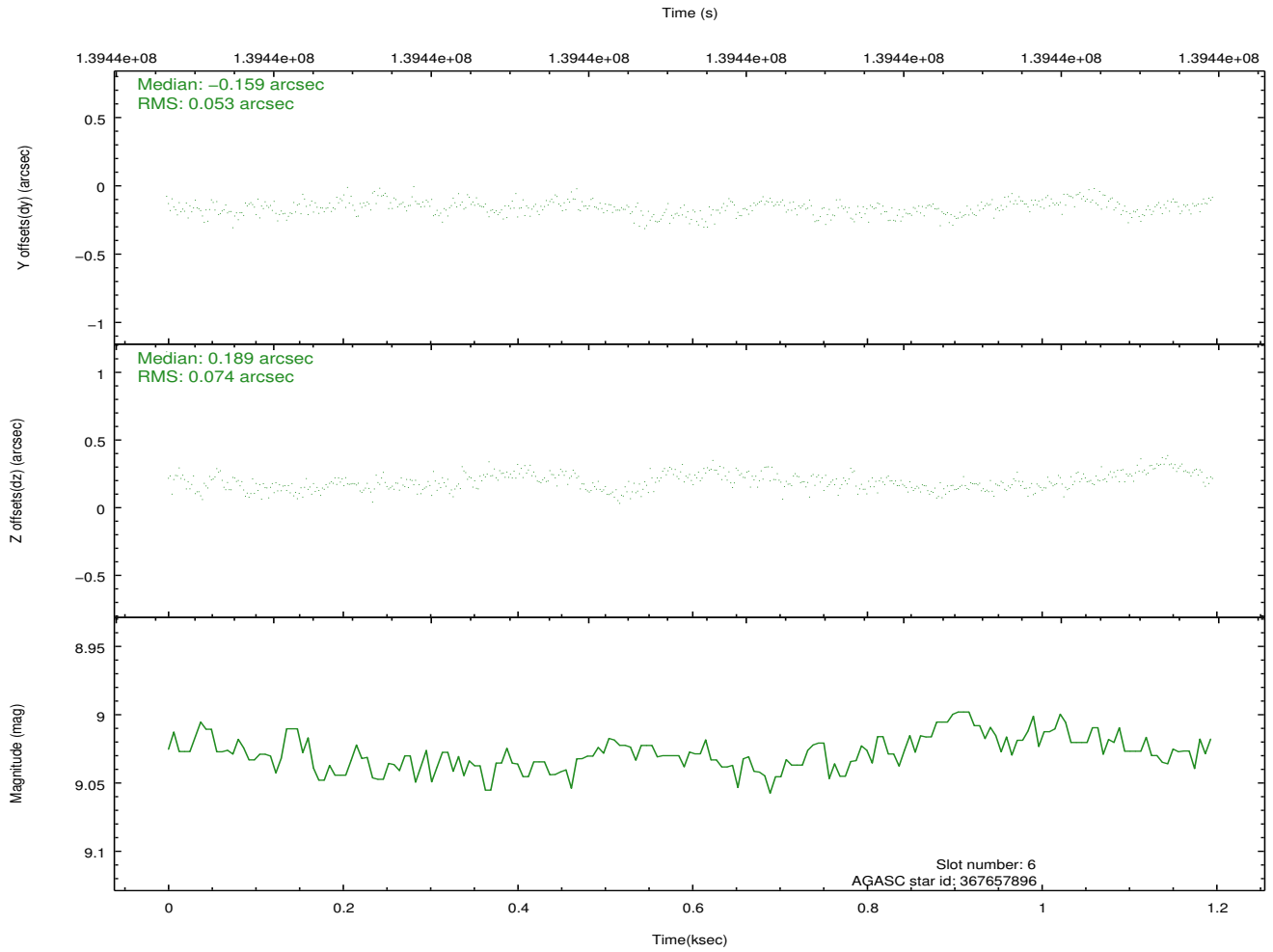
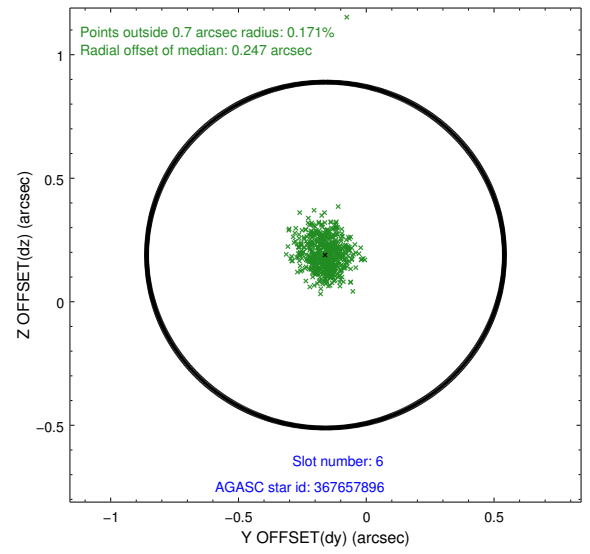
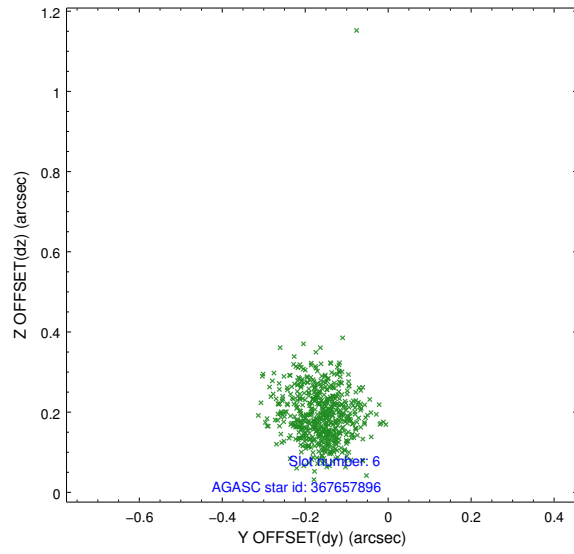
2.4.2 Slot 4



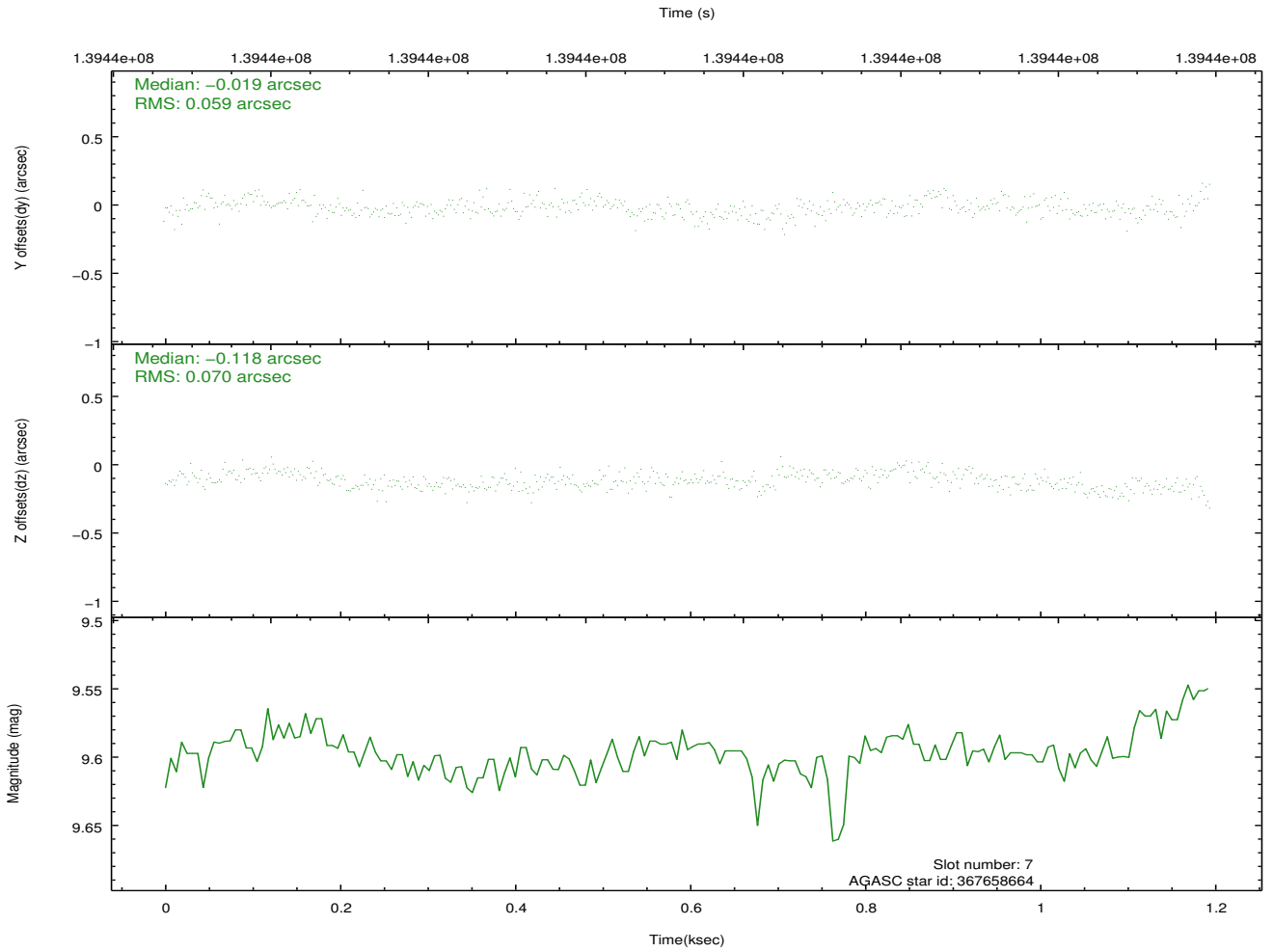
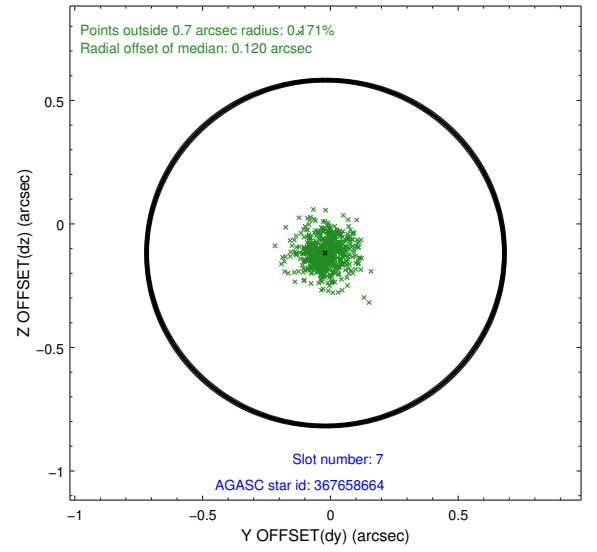
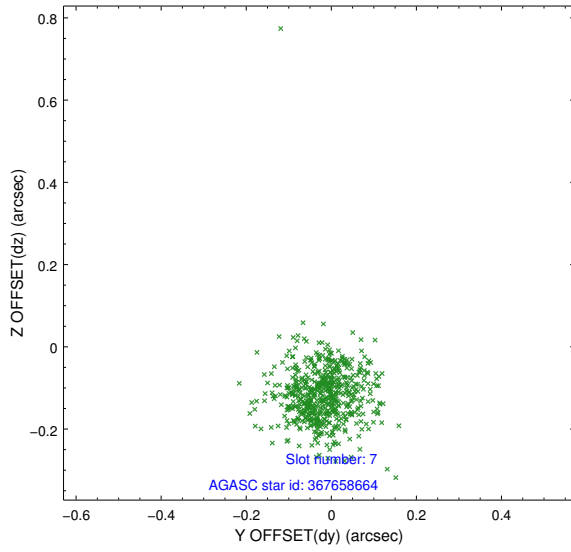
2.4.3 Slot 5



2.4.4 Slot 6

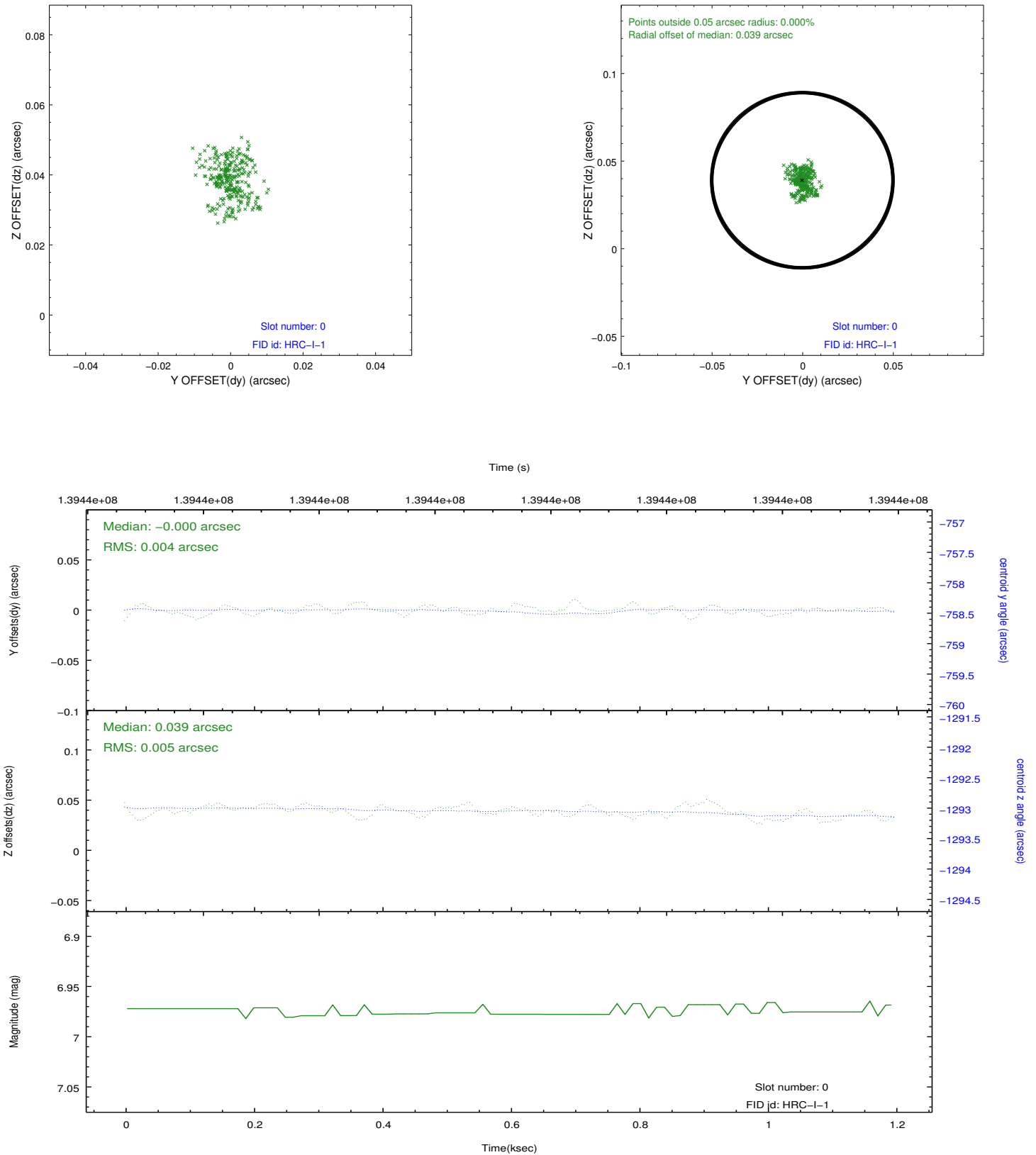


2.4.5 Slot 7

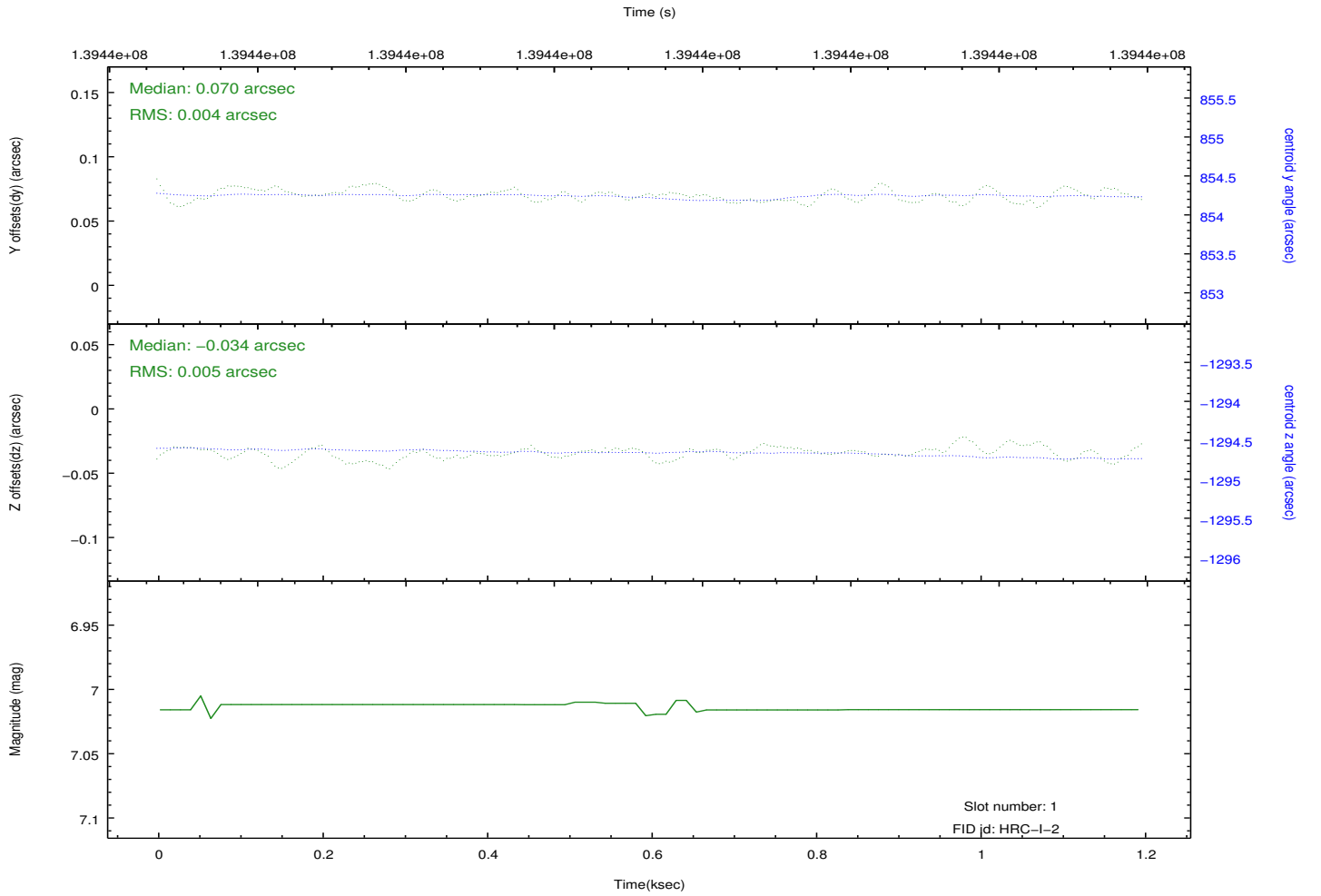
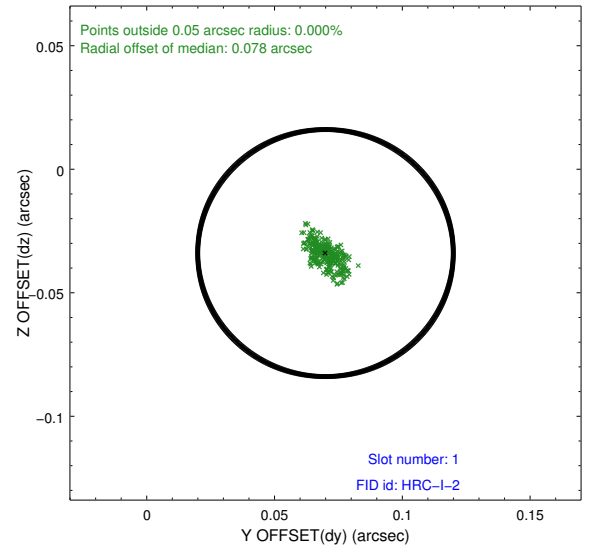
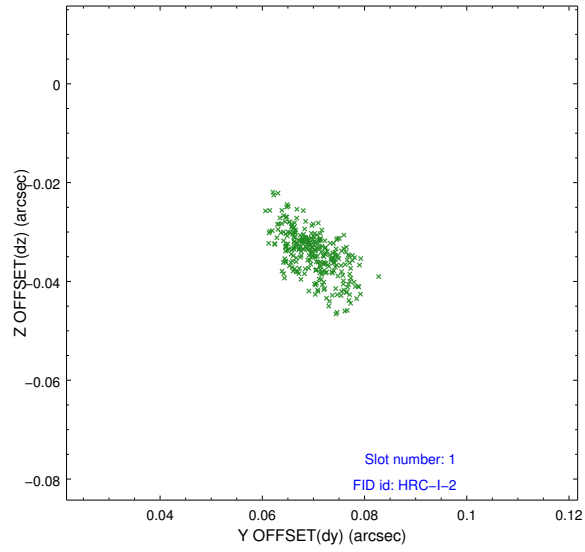


2.5 FID Slots

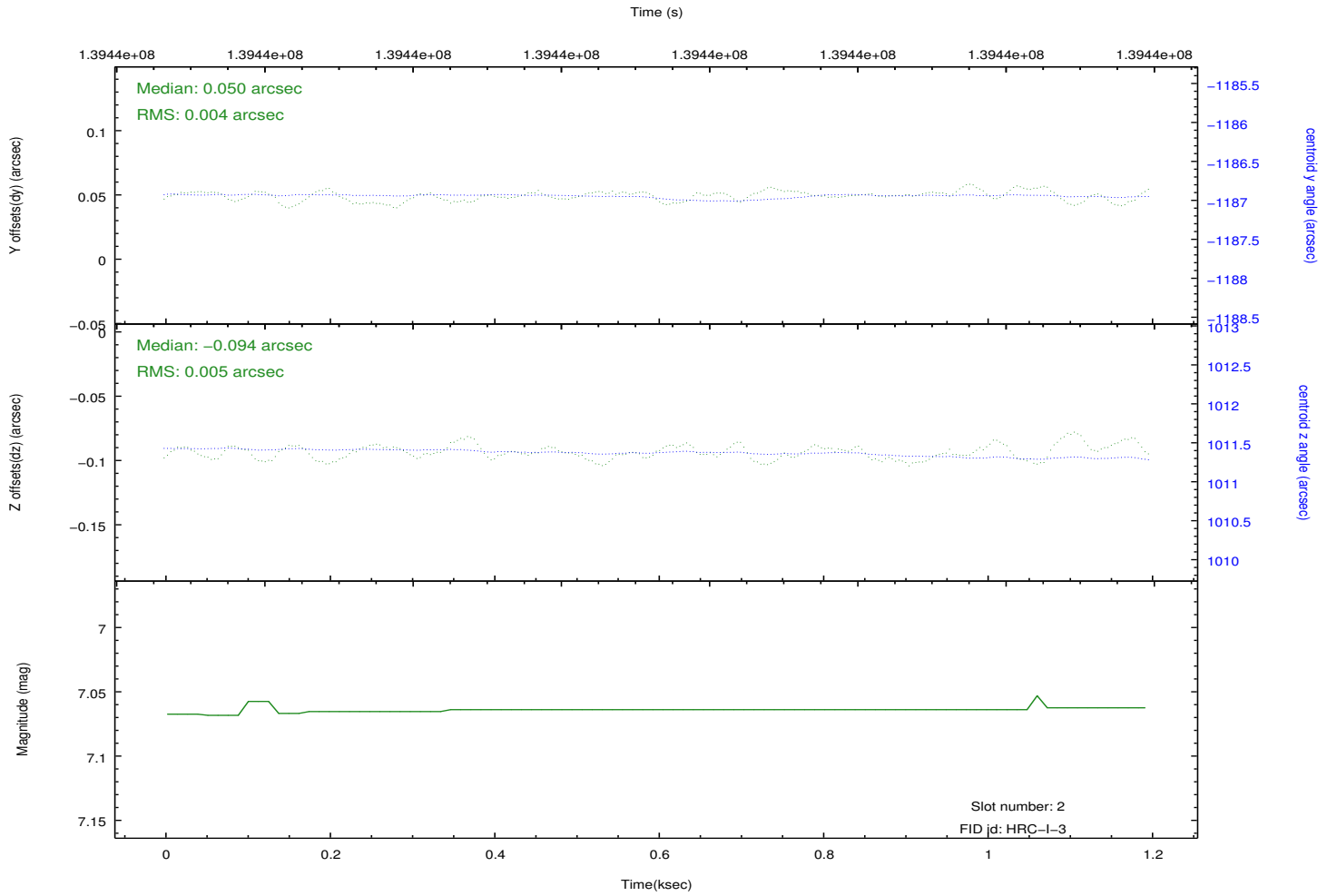
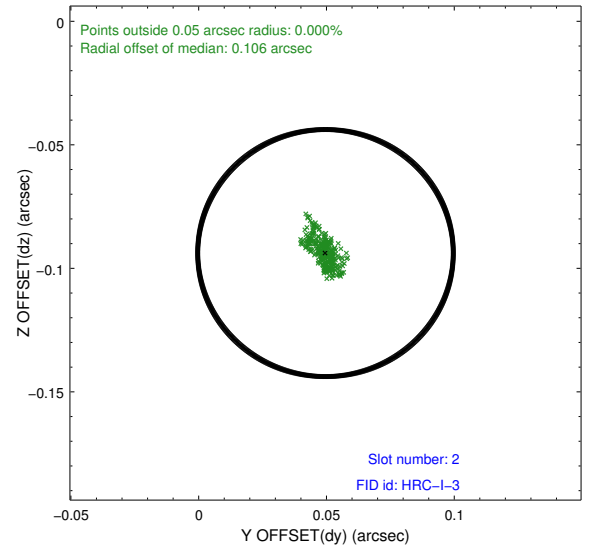
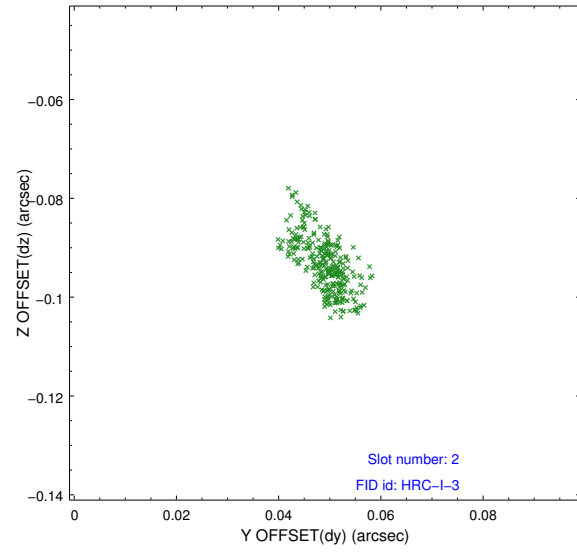
2.5.1 Slot 0



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)	2012.10.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.196

A.2 Comments

Window constraint not met.