

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2904 - L2 Version 4
Chandra X-Ray Center

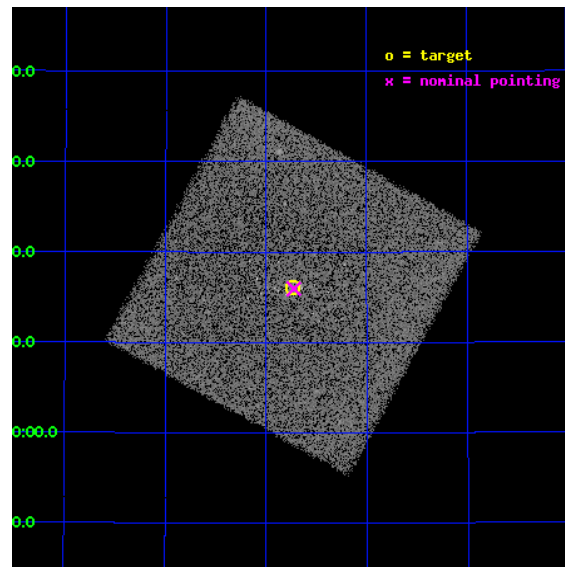
L2 Processing Date : Sep 28 2012

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1 Front

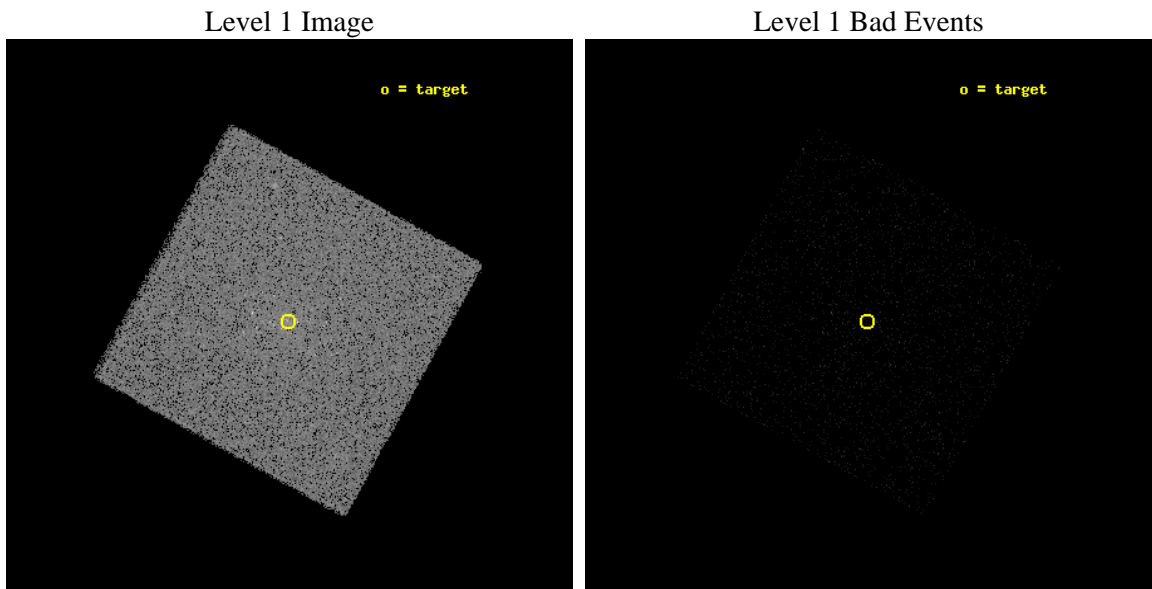
seq_num	600241	Sequence number
obs_id	2904	Observation id
title	SEARCHING FOR X-RAY TRANSIENTS IN M31 WITH CHANDRA AND HST	Proposa
observer	Dr. Michael Garcia	Principal investigator
object	M31-CORE	Source name
ra_targ	10.685	Observer's specified target RA [deg]
dec_targ	41.268972	Observer's specified target Dec [deg]
ra_nom	10.680941467322	Nominal RA [deg]
dec_nom	41.265641779695	Nominal Dec [deg]
roll_nom	253.89811059338	Nominal Roll [deg]
revision	4	Processing version of data
ontime	1192.3312976807	[s]
livetime	1181.575115171	Ontime multiplied by DTCOR
l2events	71756	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	1192.3312976807	[s]
caldbver	4.5.2	 	l1events	148043	Number of level 1 events
date	2012-09-28T03:47:34	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

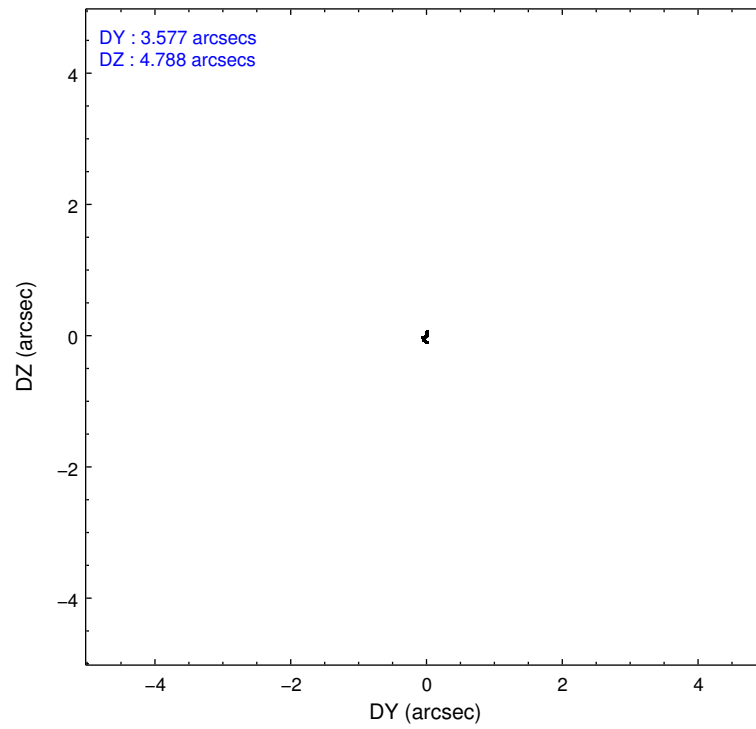
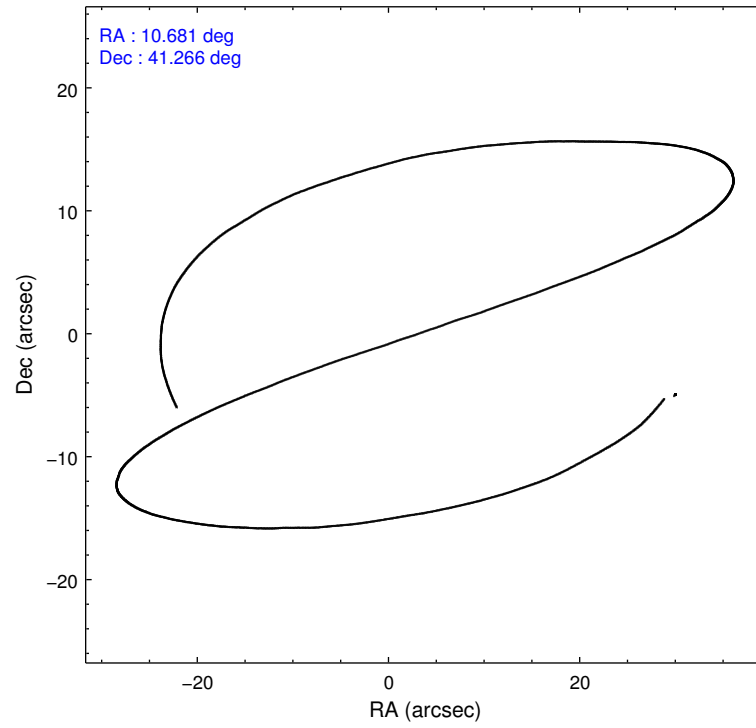
Level 1 Events

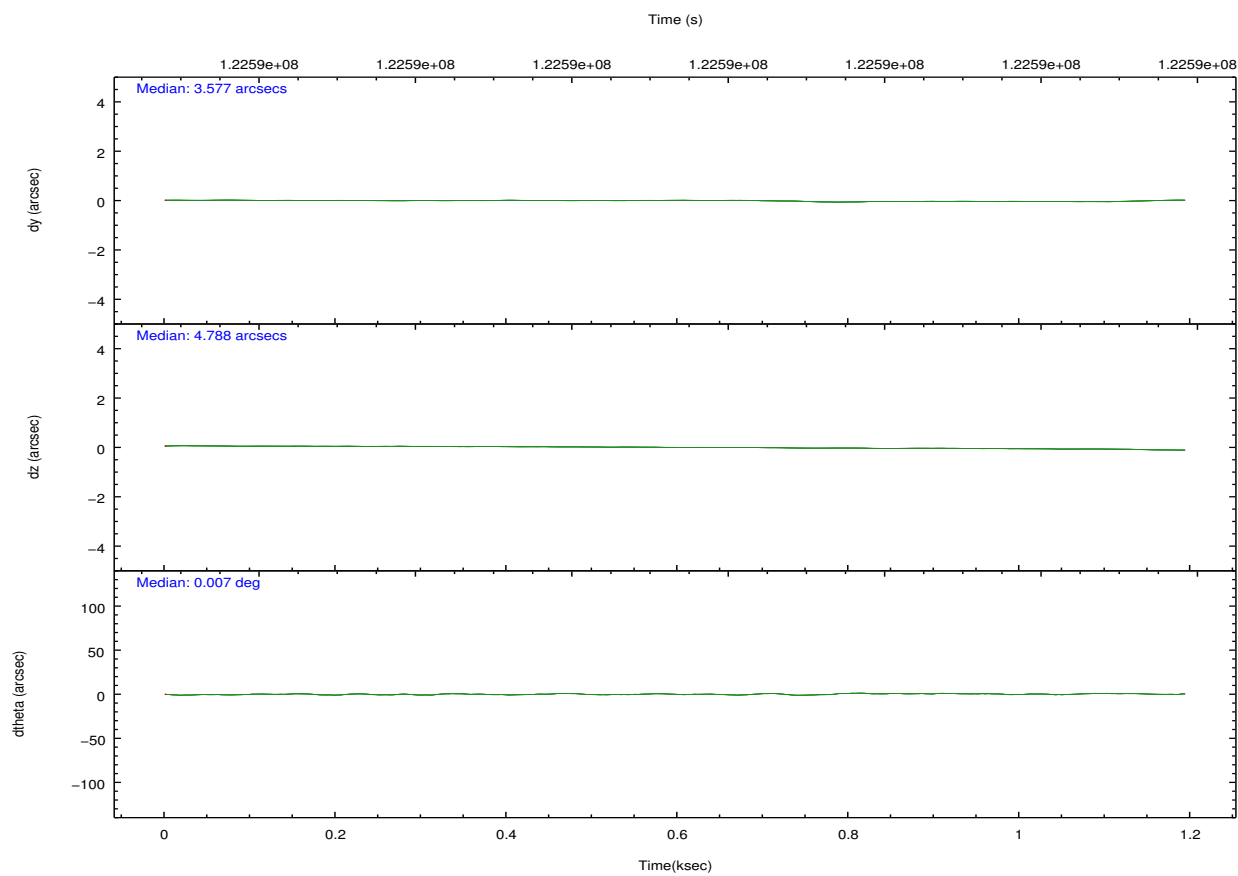
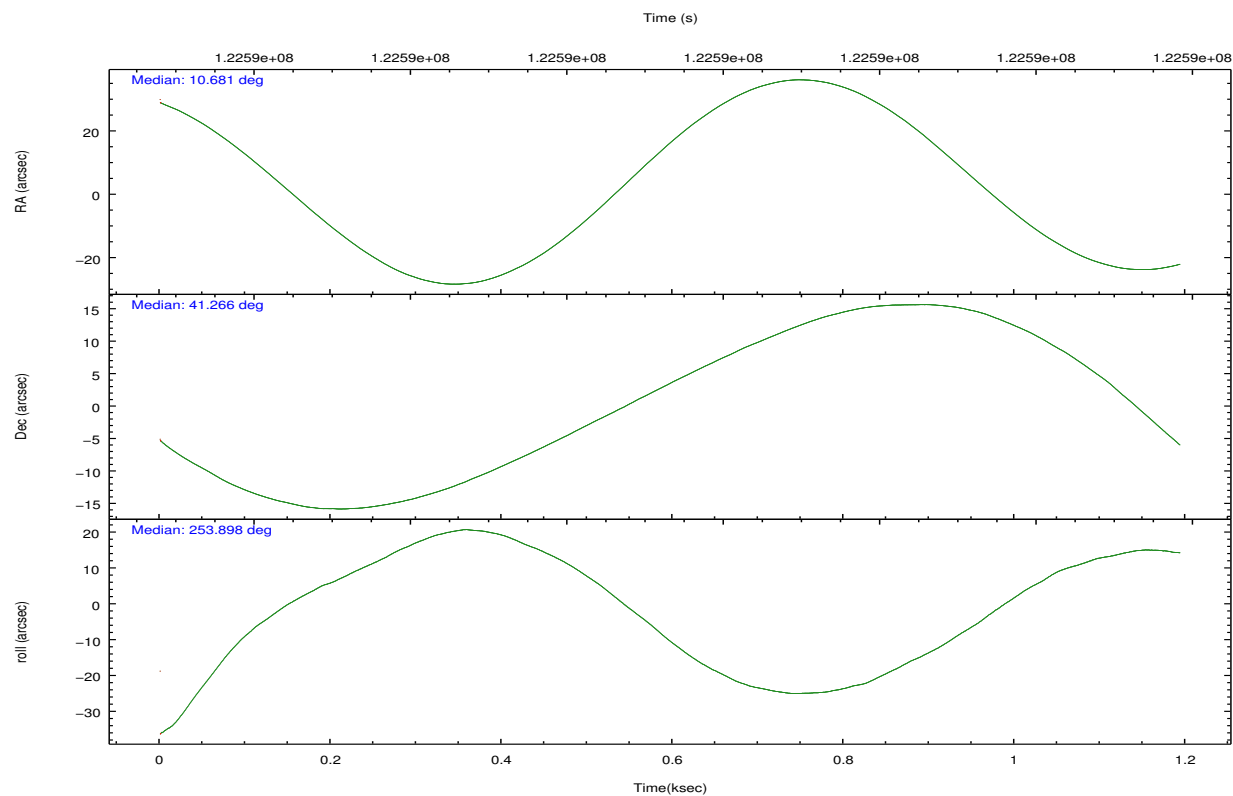
	segment 0
level 1 events	148043
rejected events	35436
rejected %	23%

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	10.672053	10.68094146732205			
[deg] Pointing Dec	41.291879	41.26564177969511			
[deg] Pointing Roll	253.999593	253.8981105933807			
[s] Window start time (MET)	122515264.184000	122515264.184000			
[s] Window stop time (MET)	123120064.184000	123120064.184000			
[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)	122591331.184000	122590955.05358			
Observation start date	2001-11-19T21:07:47	2001-11-19T21:02:35			
[s] Observation end time (MET)	122592331.184000	122592465.39115			
Observation end date	2001-11-19T21:24:27	2001-11-19T21:27:45			

2.3 Aspect



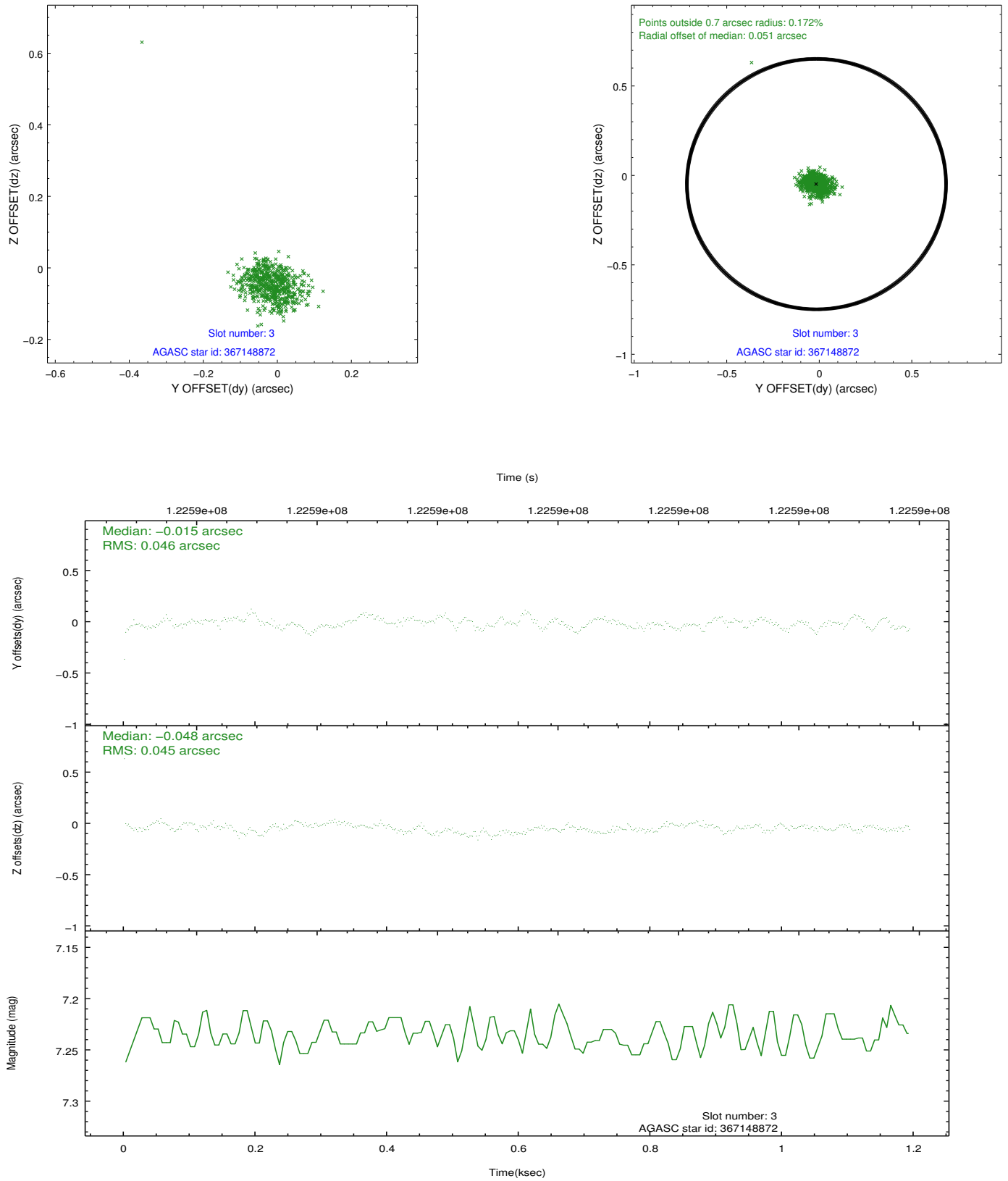


Slot Statistics

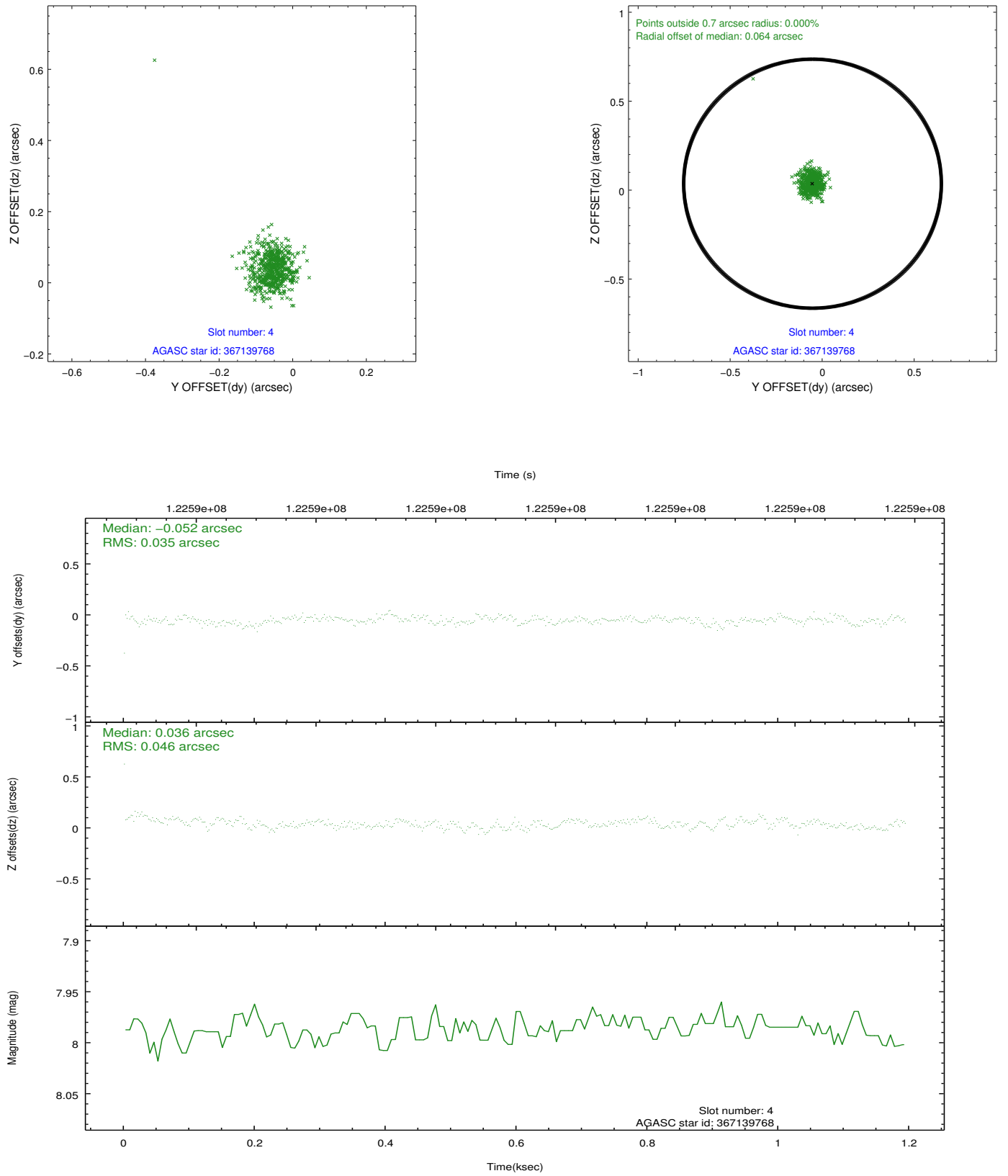
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.96	292	0.013	0.073	0.008	0.012	0.000000	0.000000	-759.01	-1292.51
1	FID	HRC-I-2	7.00	292	0.077	-0.064	0.006	0.009	0.000000	0.000000	851.08	-1298.61
2	FID	HRC-I-3	7.04	292	0.029	-0.099	0.006	0.012	0.000000	0.000000	-1184.62	1007.42
3	GUIDE	367148872	7.23	583	-0.015	-0.048	0.060	0.093	10.505940	40.688258	2213.79	164.32
4	GUIDE	367139768	7.99	583	-0.052	0.036	0.054	0.089	11.069715	40.685175	1801.94	1646.64
5	GUIDE	367674552	8.85	583	0.046	0.007	0.077	0.123	11.016238	41.570845	-1219.27	617.92
6	GUIDE	367671800	9.41	583	-0.023	0.031	0.093	0.154	10.554735	41.964935	-2244.63	-967.49
7	GUIDE	367665472	9.49	579	0.037	-0.005	0.099	0.173	10.241611	41.730843	-1206.65	-1548.49

2.4 Star Slots

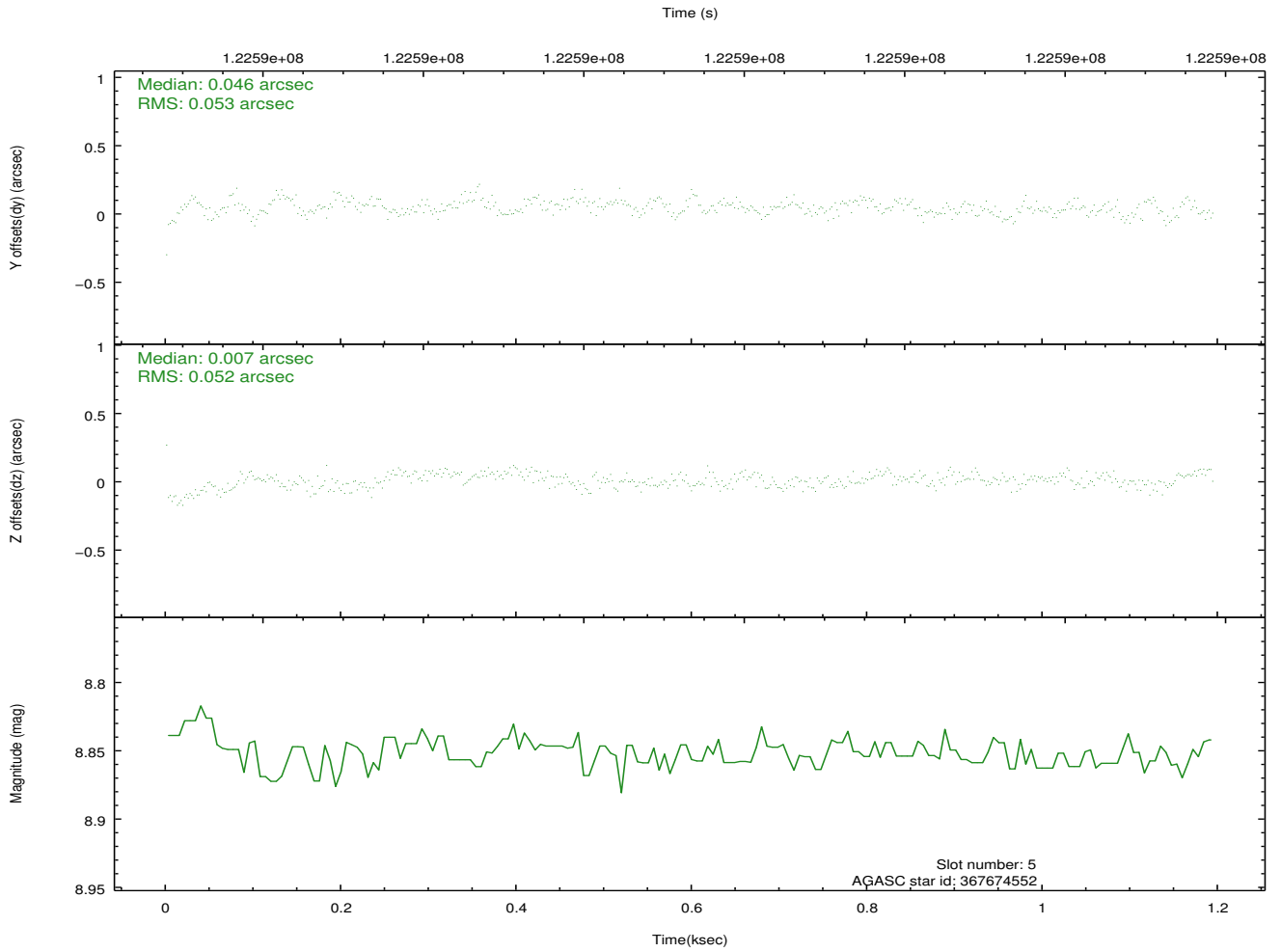
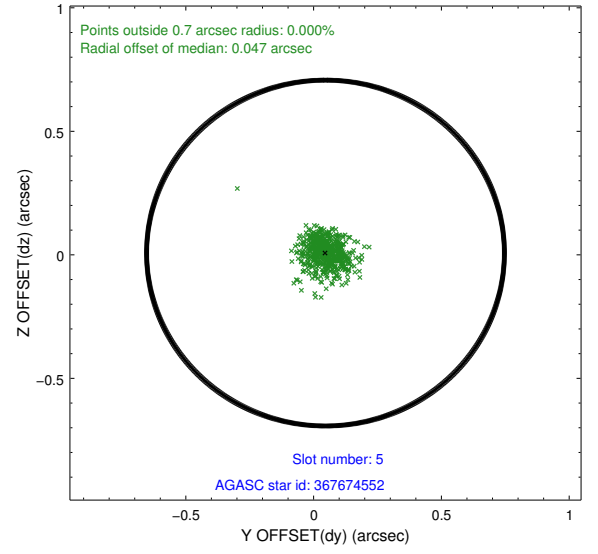
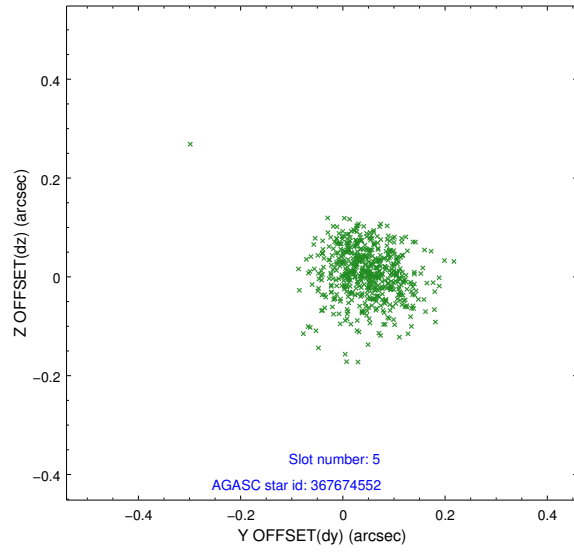
2.4.1 Slot 3



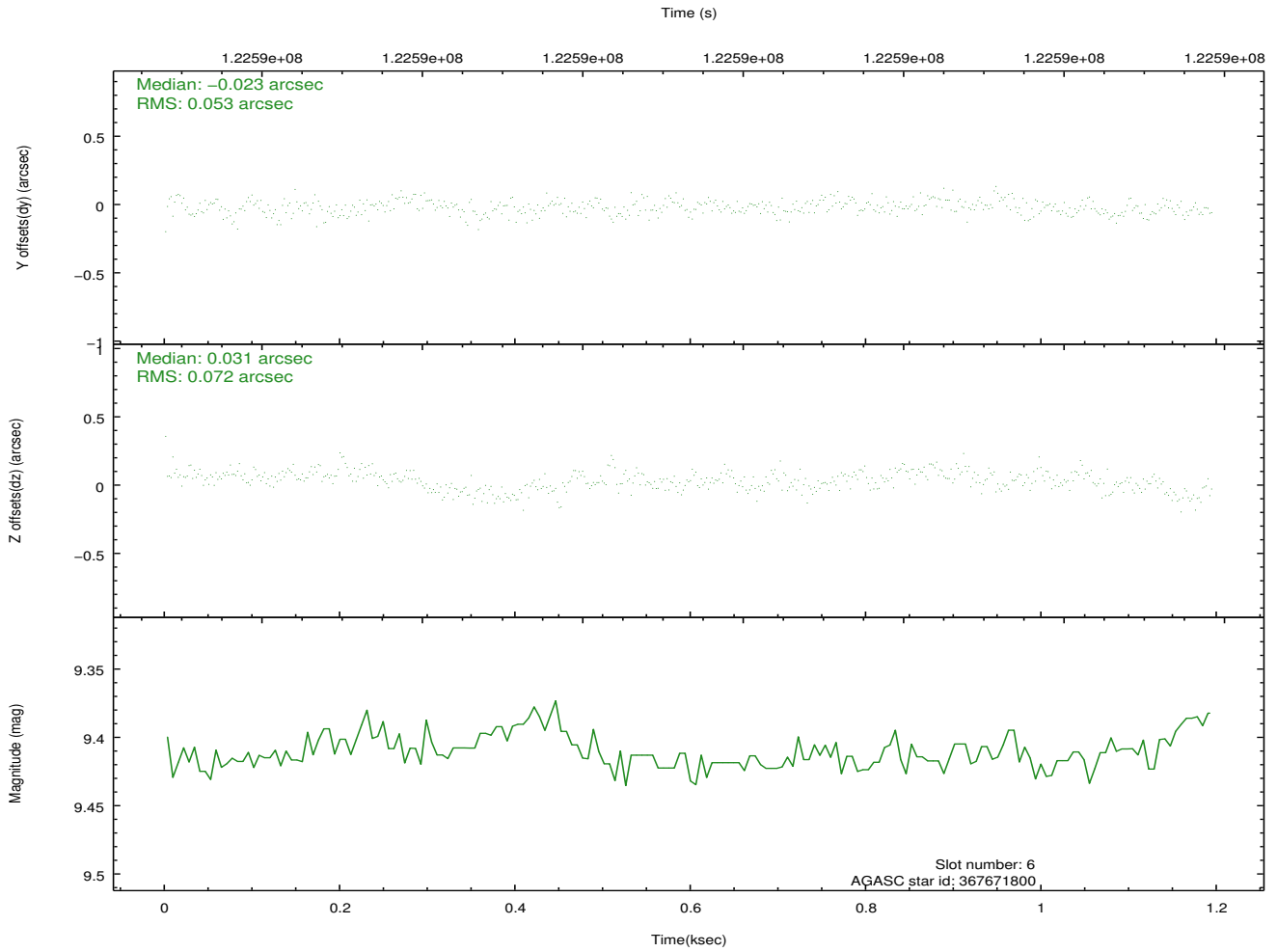
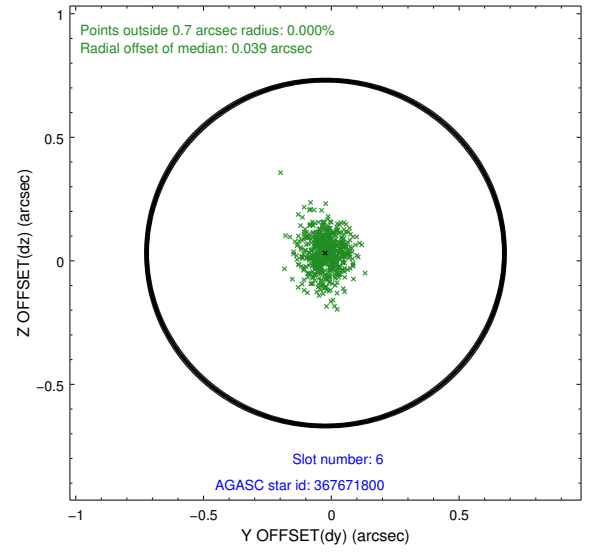
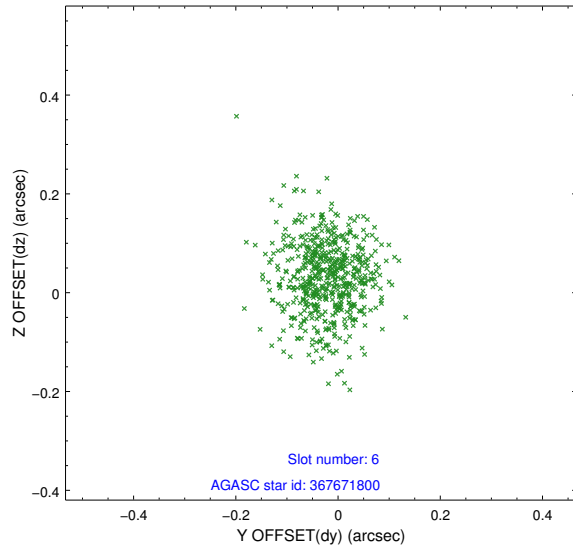
2.4.2 Slot 4



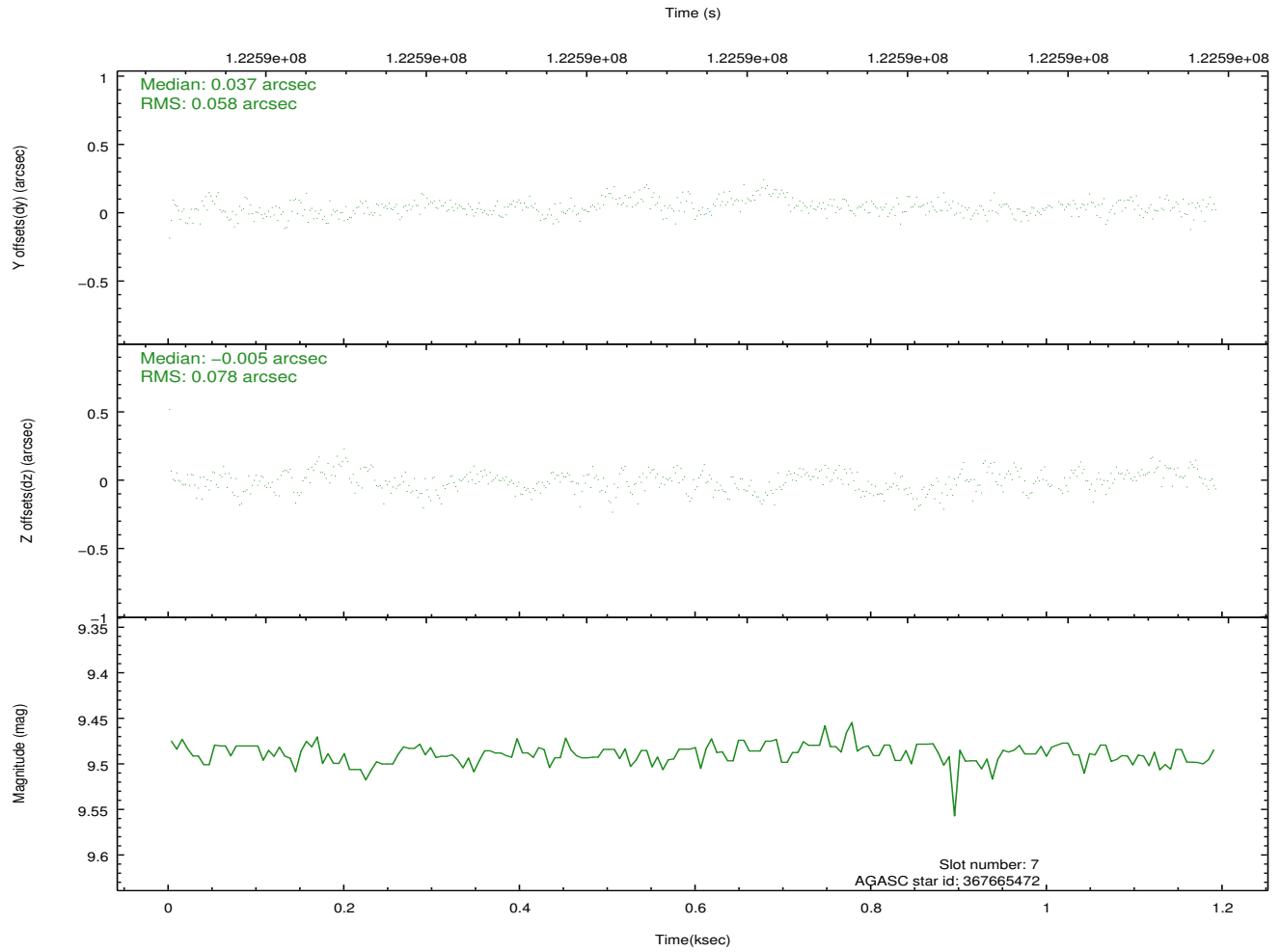
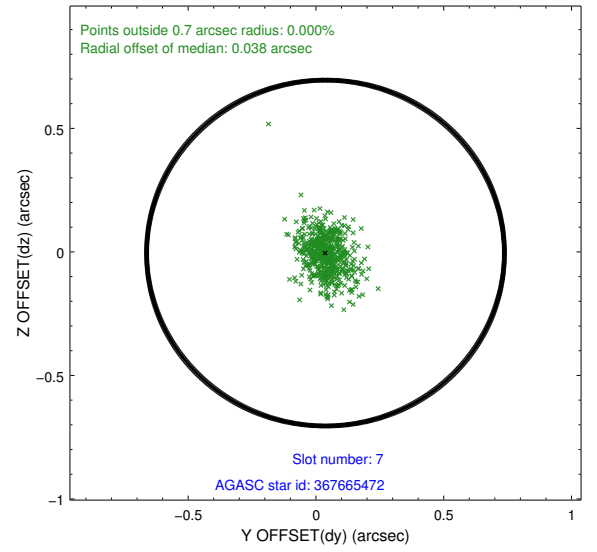
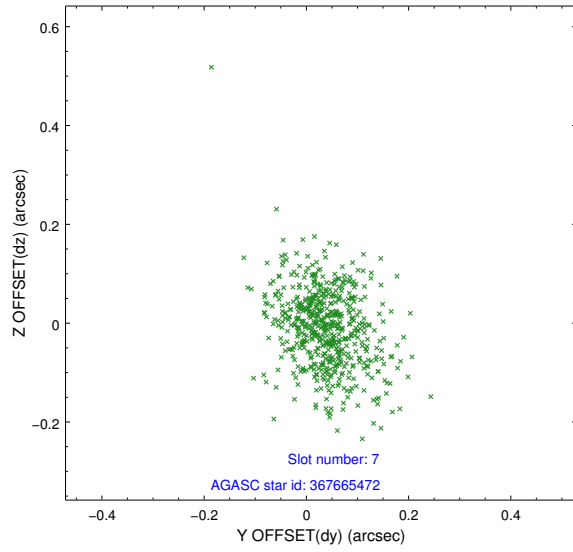
2.4.3 Slot 5



2.4.4 Slot 6

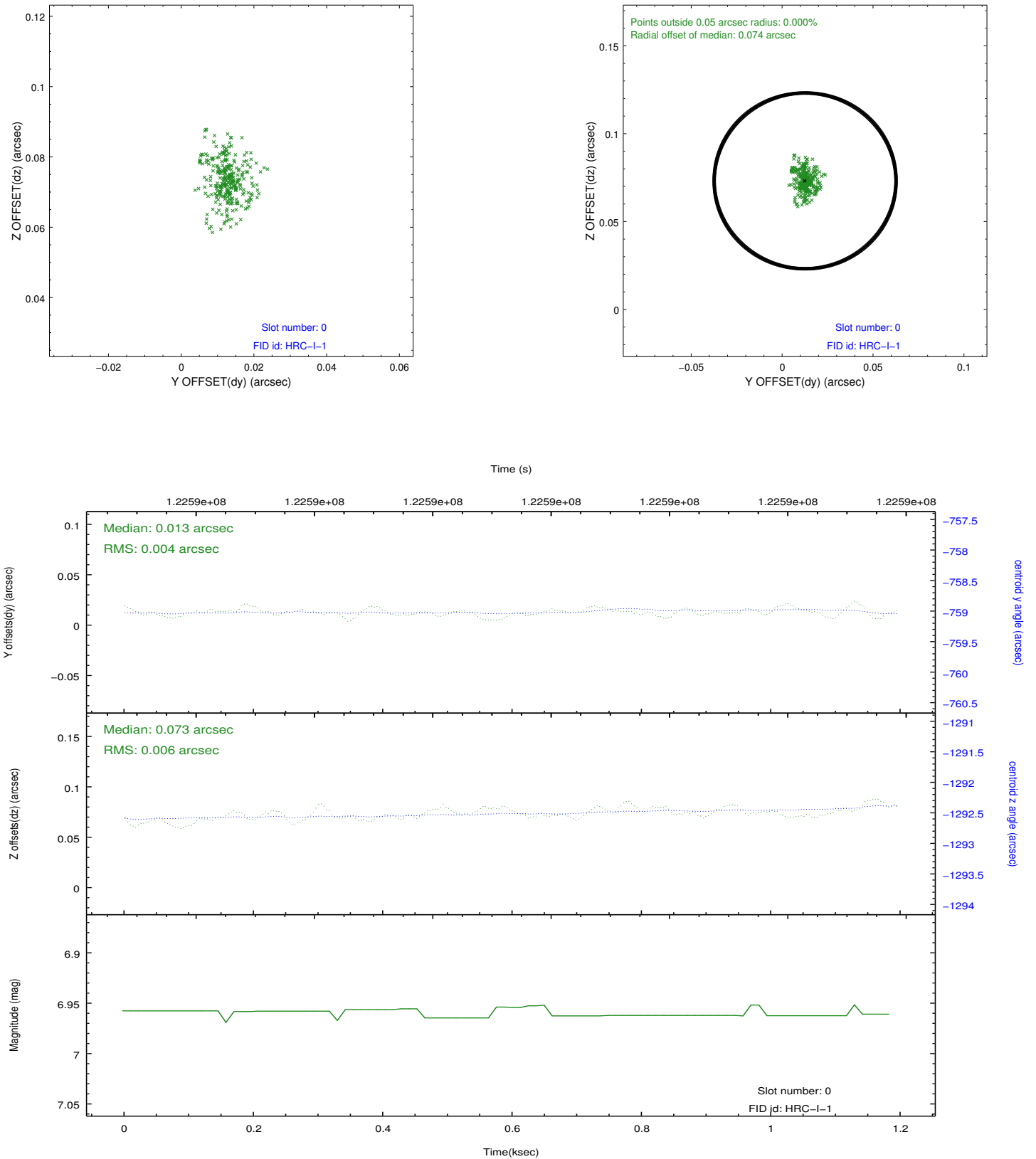


2.4.5 Slot 7

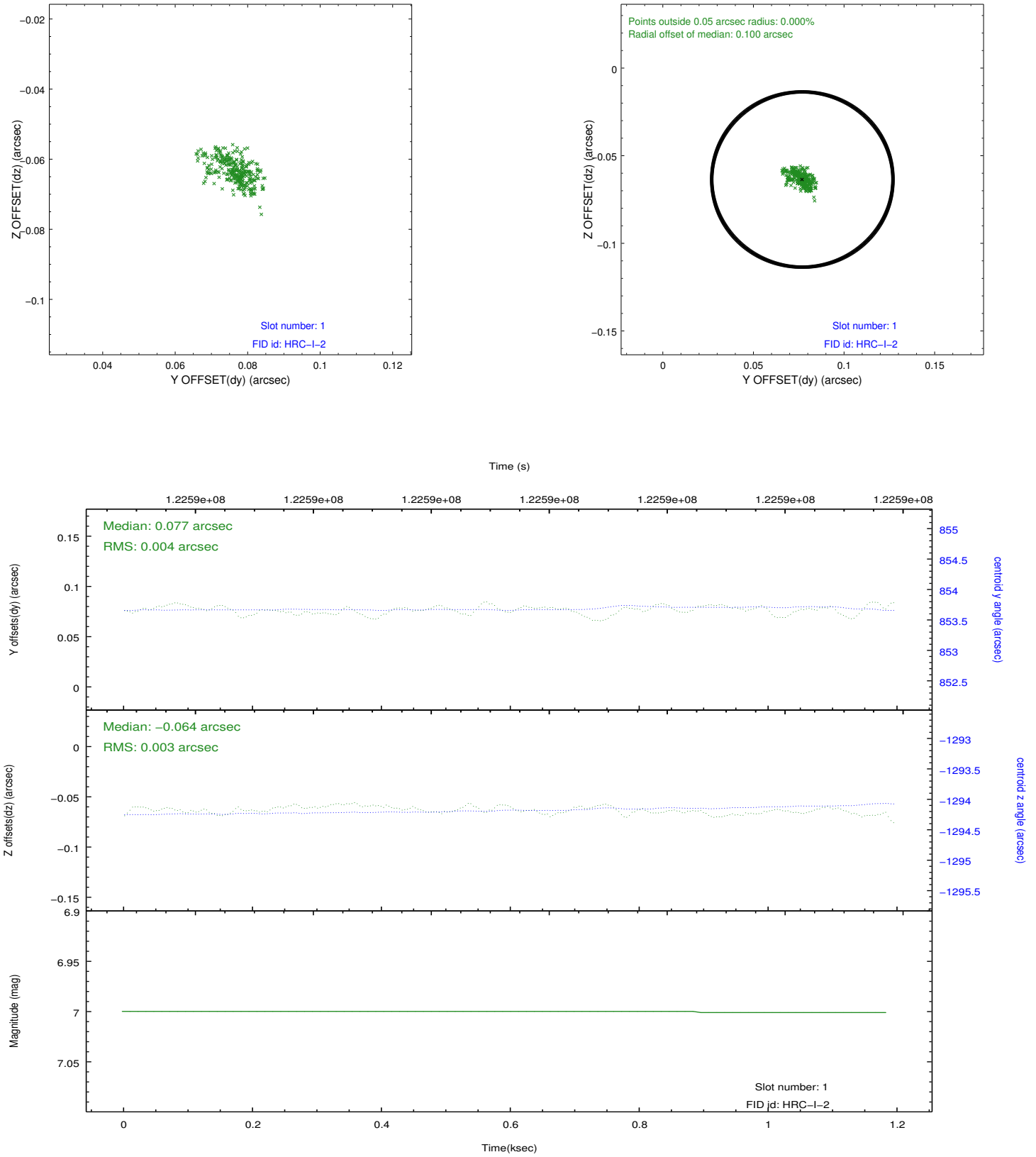


2.5 FID Slots

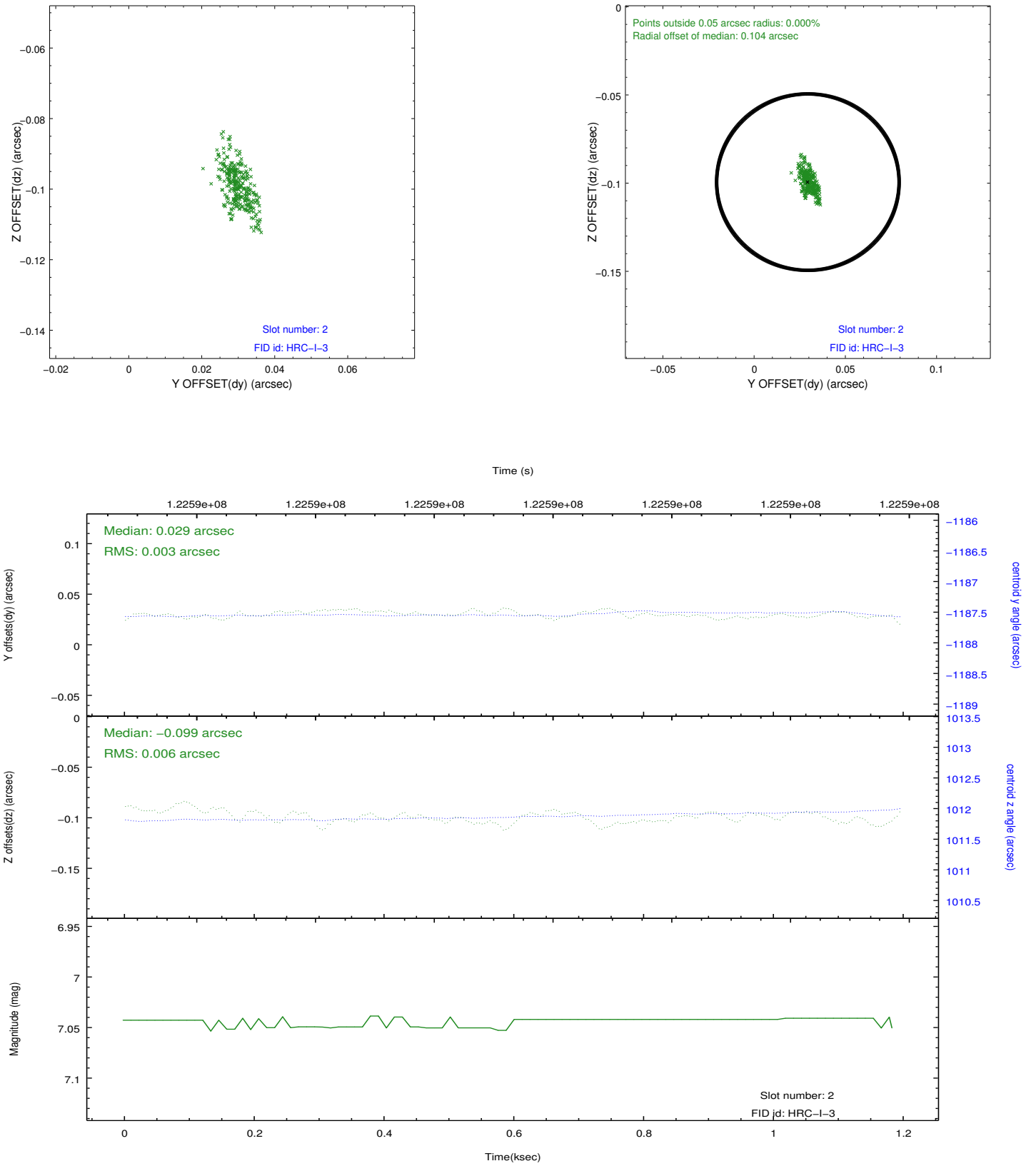
2.5.1 Slot 0



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)	2012.09.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.192

A.2 Comments

Window constraint met.