

V&V Reference Report

L2 ASCDS Version : 8.1.2

Observation 269 - L2 Version 5

Chandra X-Ray Center

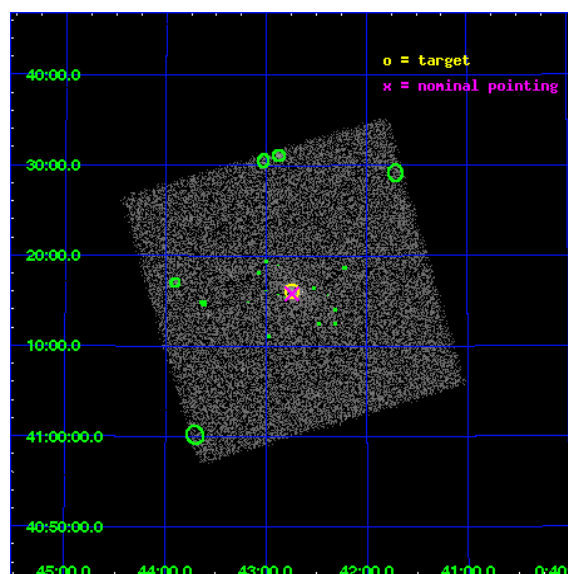
L2 Processing Date : Dec 4 2009

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1 Front

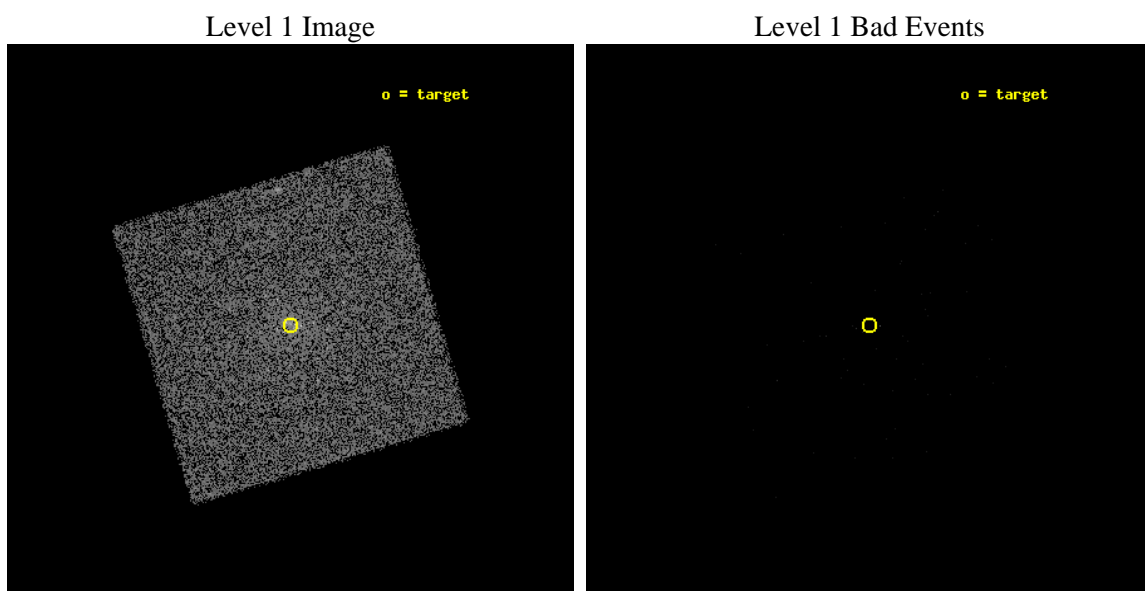
seq_num	600029	Sequence number
obs_id	269	Observation id
title	MONITORING M31	Proposal title
observer	Dr Steve Murray	Principal investigator
object	M31 - CENTER	Source name
ra_targ	10.685	Observer's specified target RA
dec_targ	41.268972	Observer's specified target Dec
ra_nom	10.686273262328	Nominal RA
dec_nom	41.263400662709	Nominal Dec
roll_nom	298.54476554524	Nominal Roll
revision	5	Processing version of data
ontime	1211.8062940314	[s]
livetime	1204.3645046145	Ontime multiplied by DTCOR
l2events	37095	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	Scheduled observation exposure time
ascdsver	8.1.2	Processing system revision	ontime	1211.8062940314	[s]
caldbver	4.1.4	 	l1events	58397	Number of level 1 events
date	2009-12-05T02:53:57	Date and time of file creation			
revision	4	Processing version of data			

2.1.3 Events

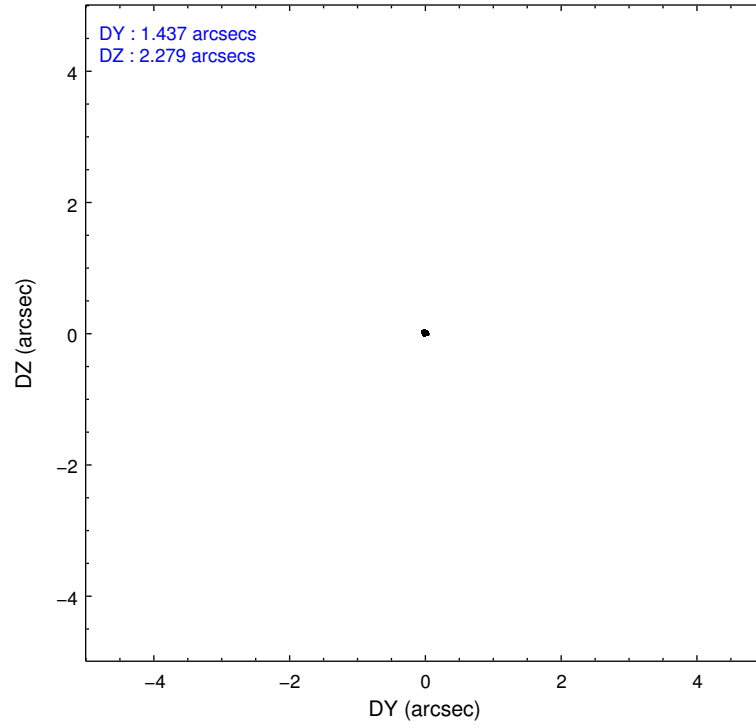
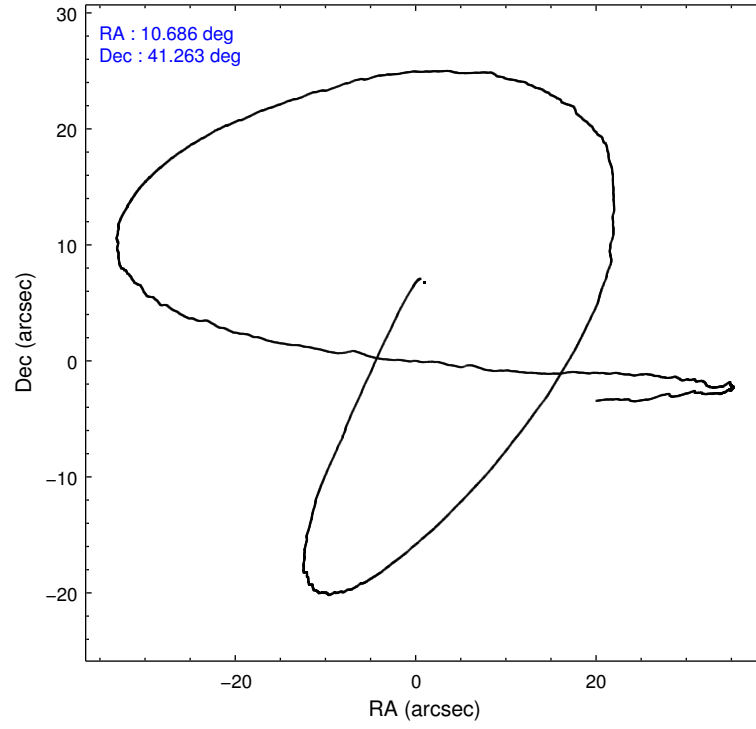
Level 1 Events

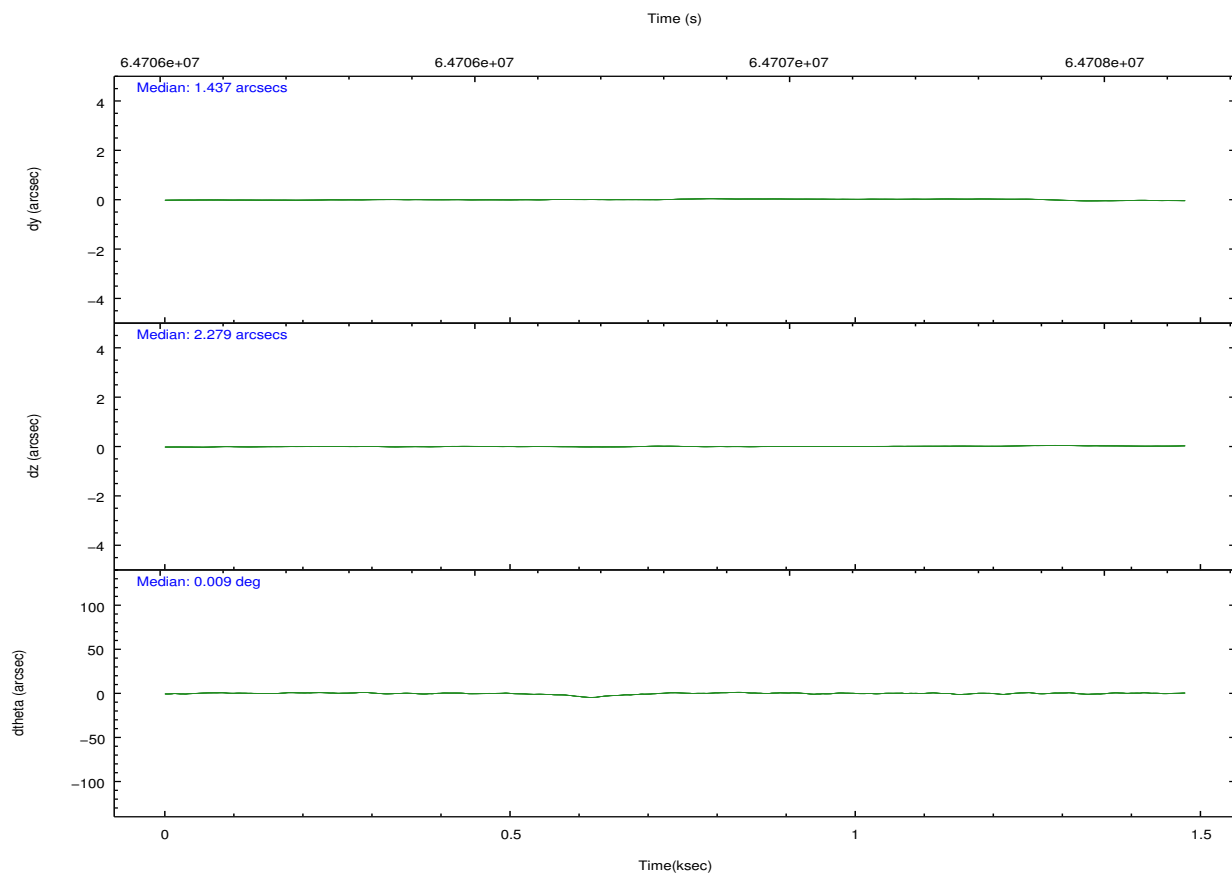
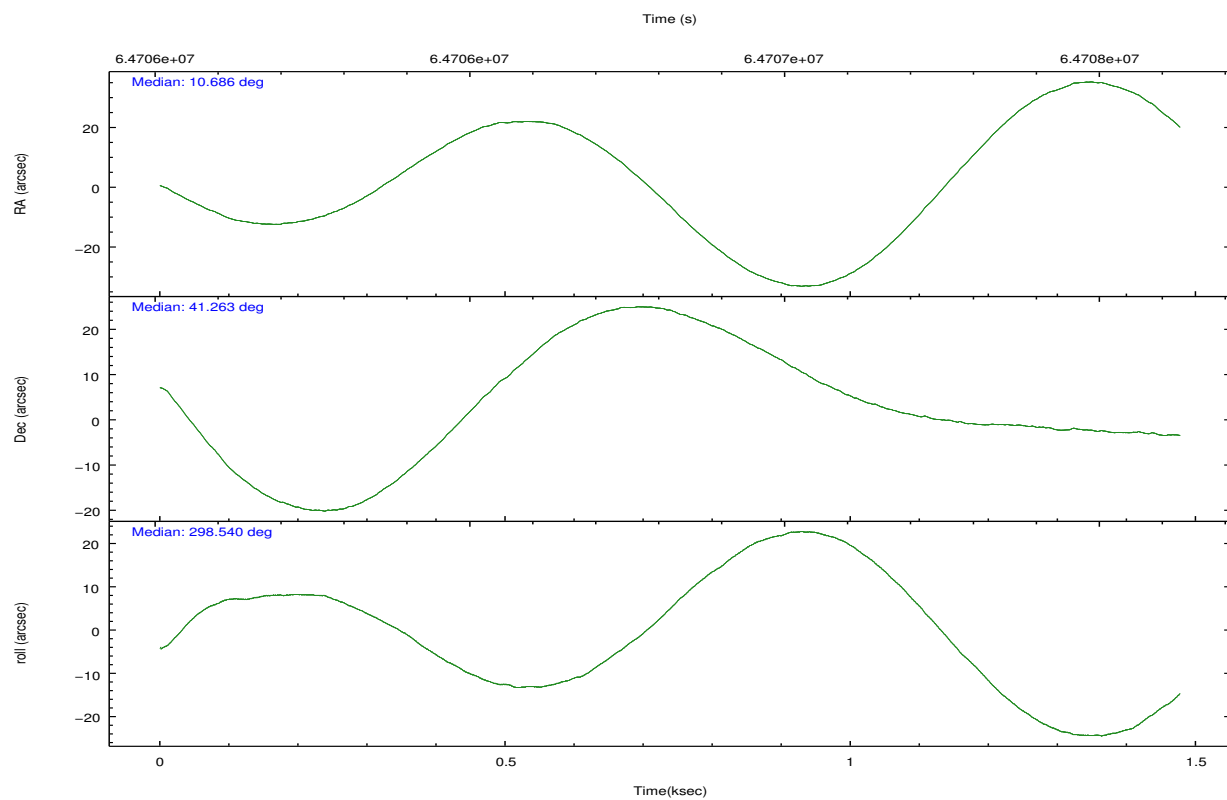
	segment 0
level 1 events	58397
rejected events	2419
rejected %	4%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	HRC	HRC	Obspar format version number	6	6
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			
Pointing RA	10.654369	10.68627326232781			
Pointing Dec	41.278431	41.26340066270898			
Pointing Roll	298.661287	298.5447655452399			
SIM focus pos (mm)	-1.040293	-1.038866356238299			
SIM defocus (mm)	0	0.001426264420575141			
SIM translation stage pos (mm)	126.985494	126.9854943052878			
SIM translation stage offset (mm)	0	-5.413686238853188e-06			
Observation start time	64706559.184000	64705893.069701			
Observation start date	2000-01-19T22:01:35	2000-01-19T21:51:33			
Observation end time	64707559.184000	64707692.969767			
Observation end date	2000-01-19T22:18:15	2000-01-19T22:21:32			

2.3 Aspect



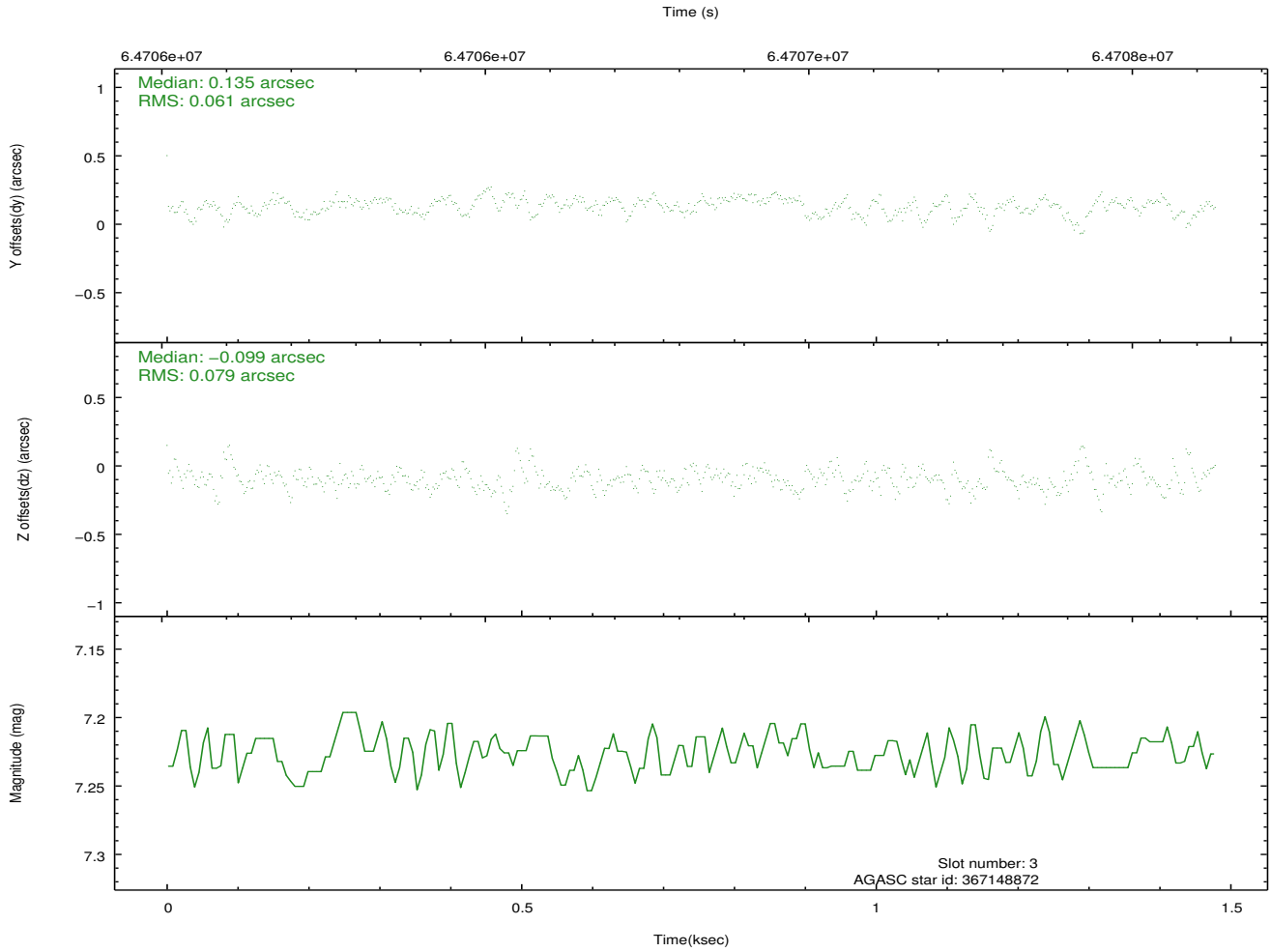
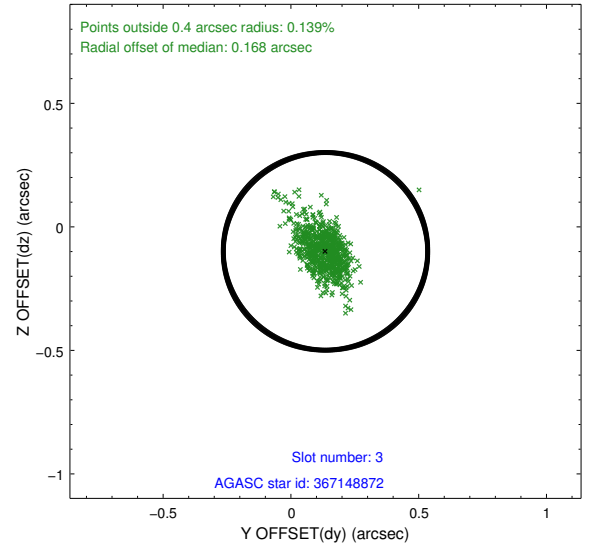
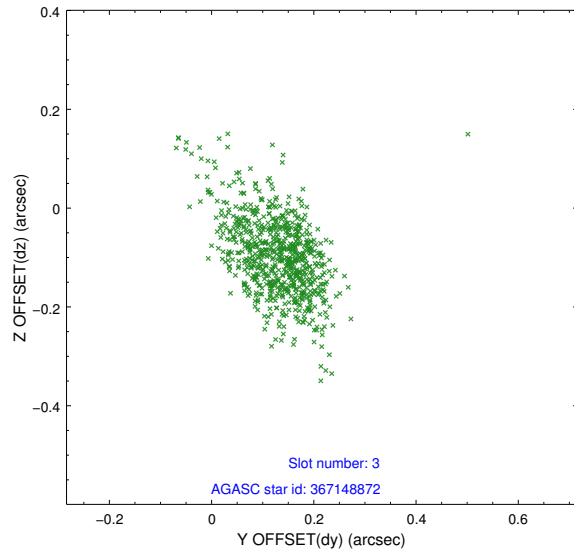


Slot Statistics

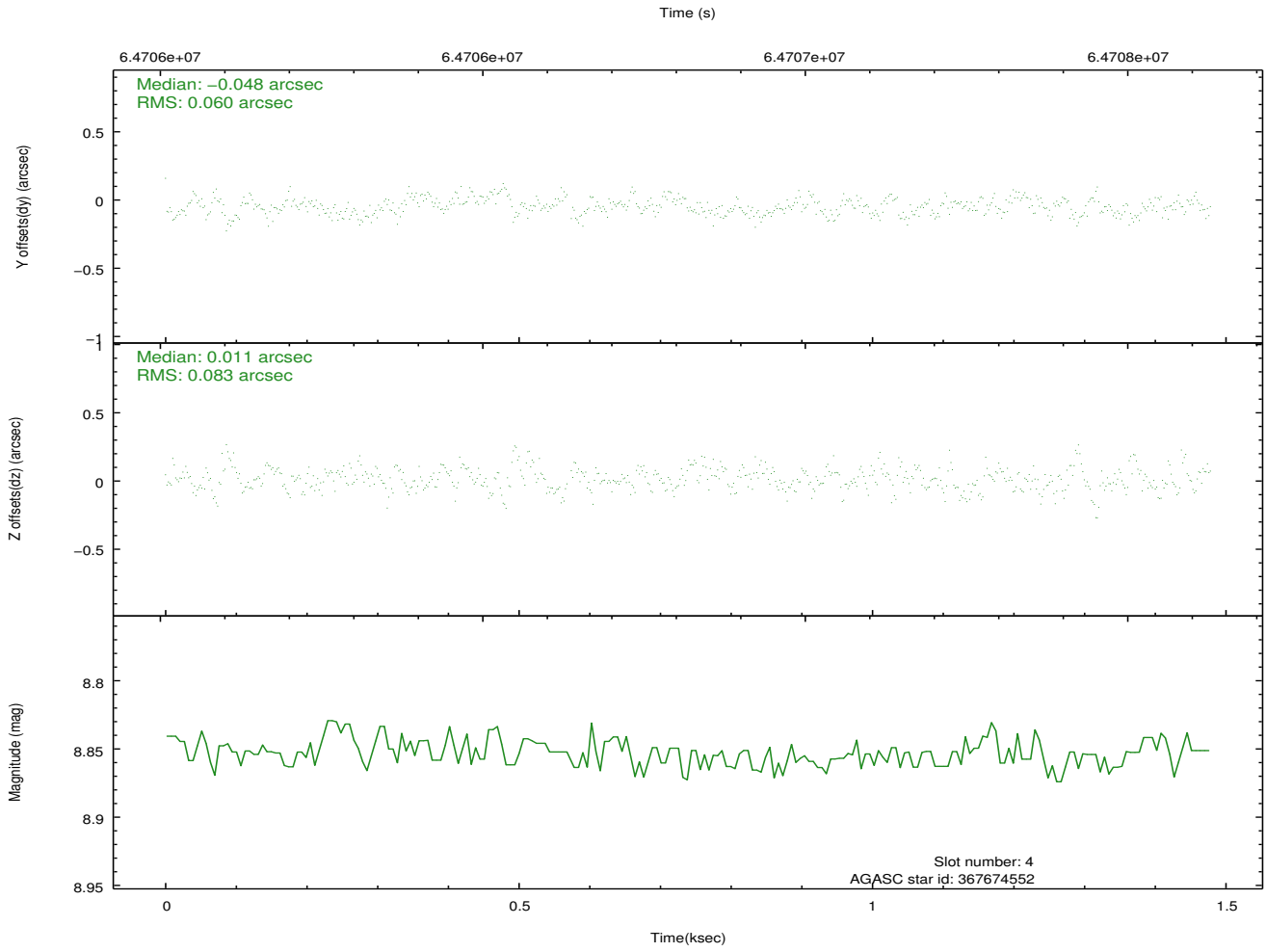
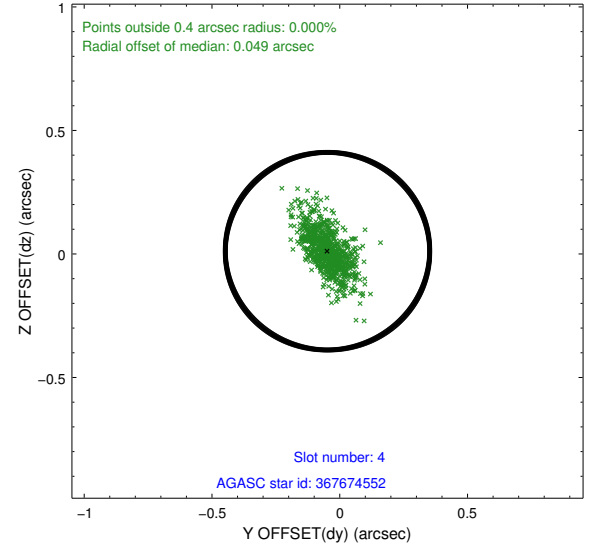
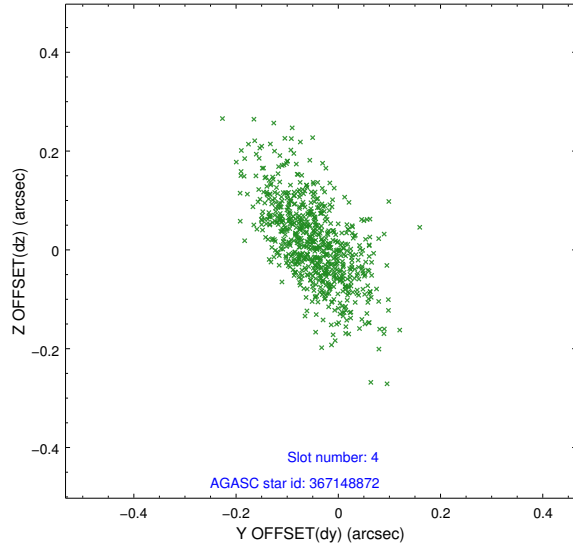
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	HRC-I-1	6.93	361	0.054	-0.012	0.006	0.017	0.000000	0.000000	-756.84	-1290.04
1	FID	HRC-I-3	7.01	361	0.044	-0.029	0.007	0.017	0.000000	0.000000	-1187.40	1010.93
2	FID	HRC-I-4	6.96	361	0.016	-0.049	0.006	0.018	0.000000	0.000000	1282.66	1014.86
3	GUIDE	367148872	7.23	722	0.135	-0.099	0.097	0.186	10.505940	40.688258	1665.43	-1375.23
4	GUIDE	367674552	8.85	720	-0.048	0.011	0.105	0.194	11.016238	41.570845	-460.38	1358.39
5	GUIDE	367146616	8.86	722	0.043	0.064	0.109	0.186	11.418645	41.190163	1258.73	1669.98
6	GUIDE	367658664	9.60	721	-0.030	-0.020	0.120	0.221	10.374070	41.369746	-655.48	-504.77
7	GUIDE	367665472	9.49	721	-0.093	0.030	0.109	0.203	10.241611	41.730843	-1968.77	-192.24

2.4 Star Slots

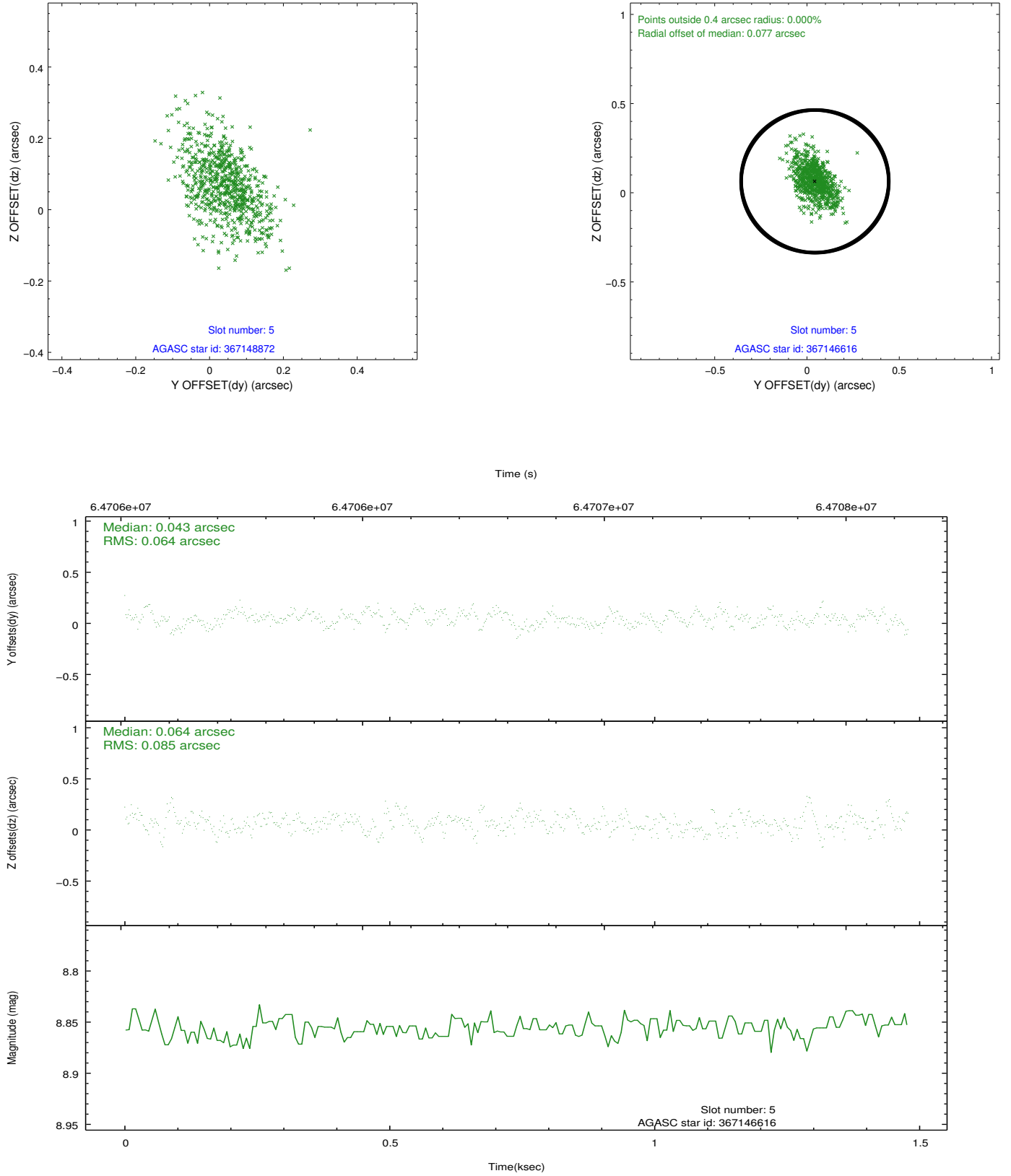
2.4.1 Slot 3



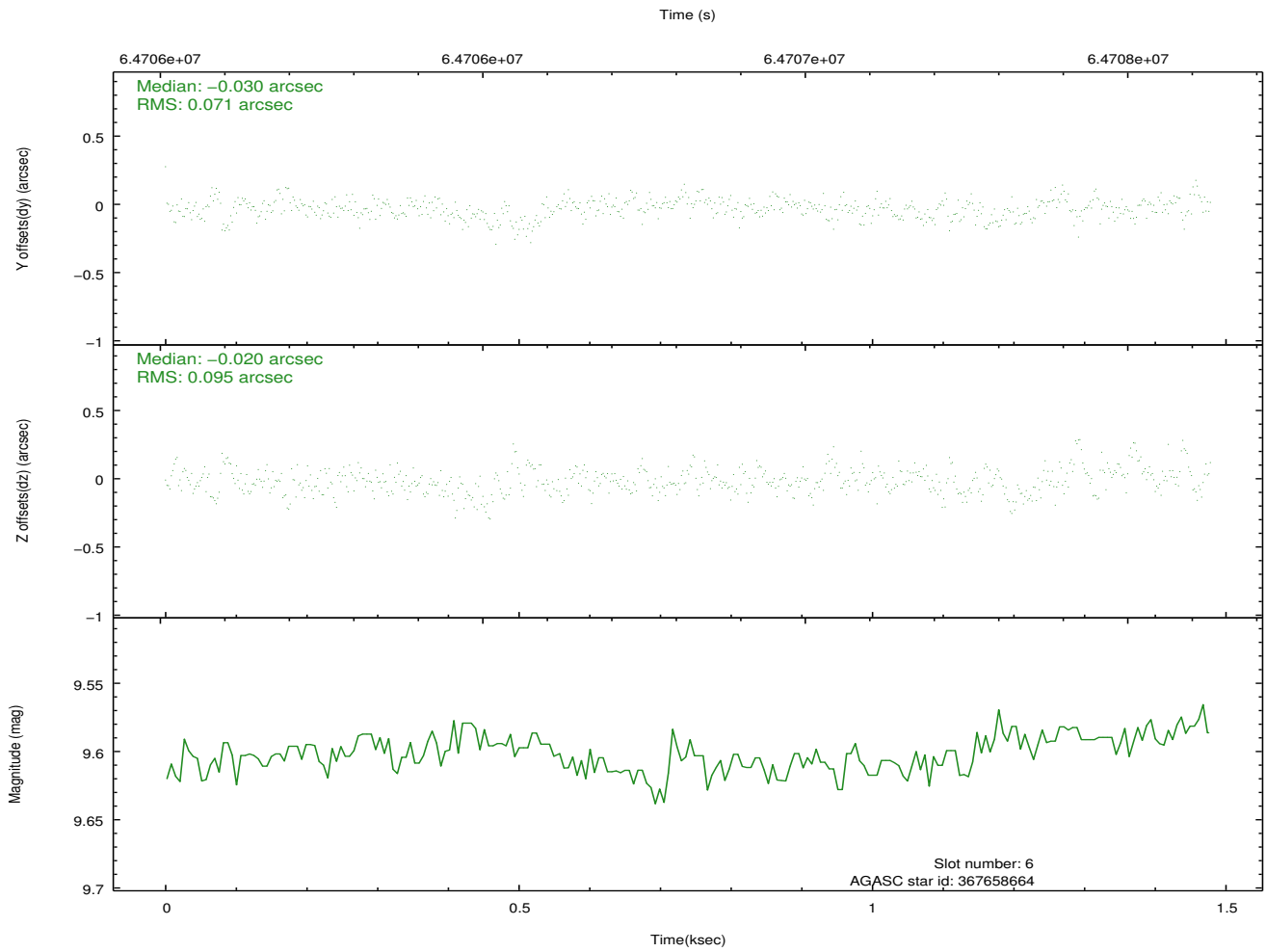
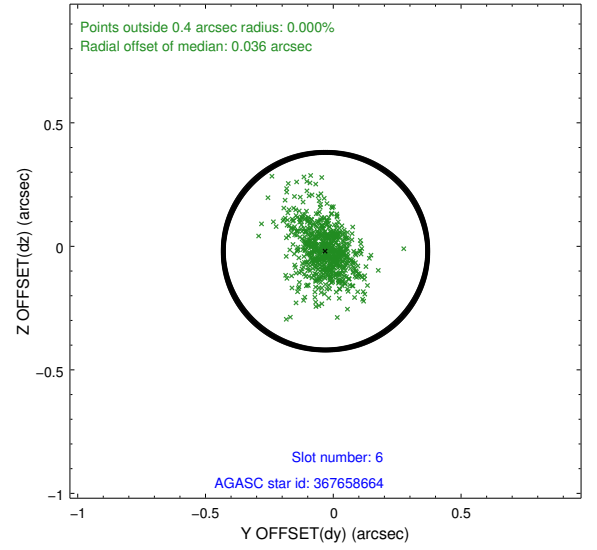
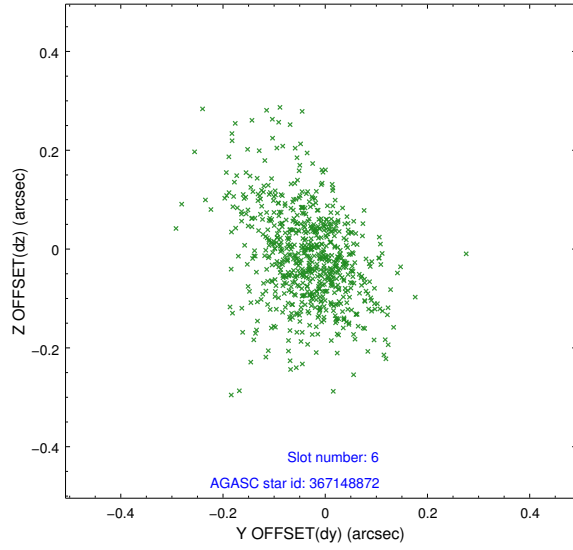
2.4.2 Slot 4



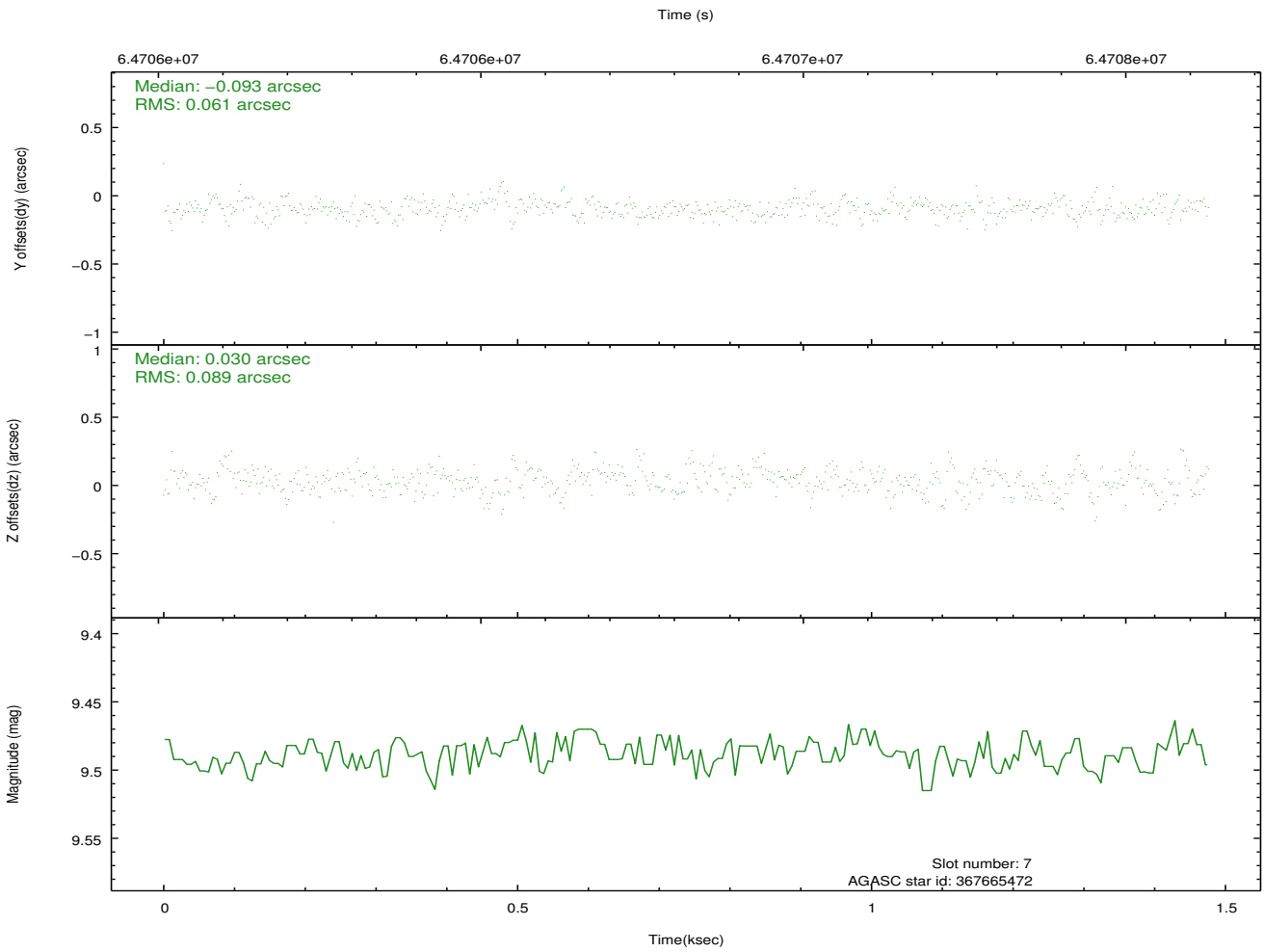
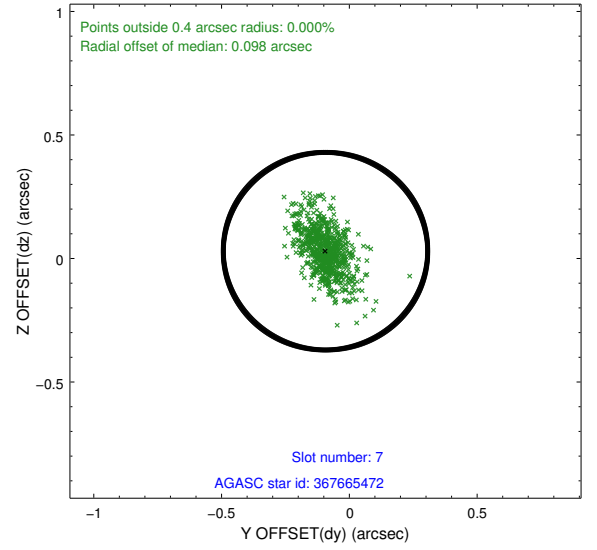
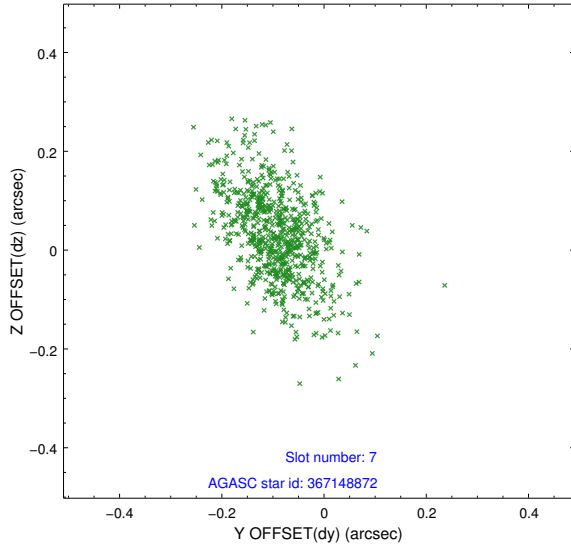
2.4.3 Slot 5



2.4.4 Slot 6

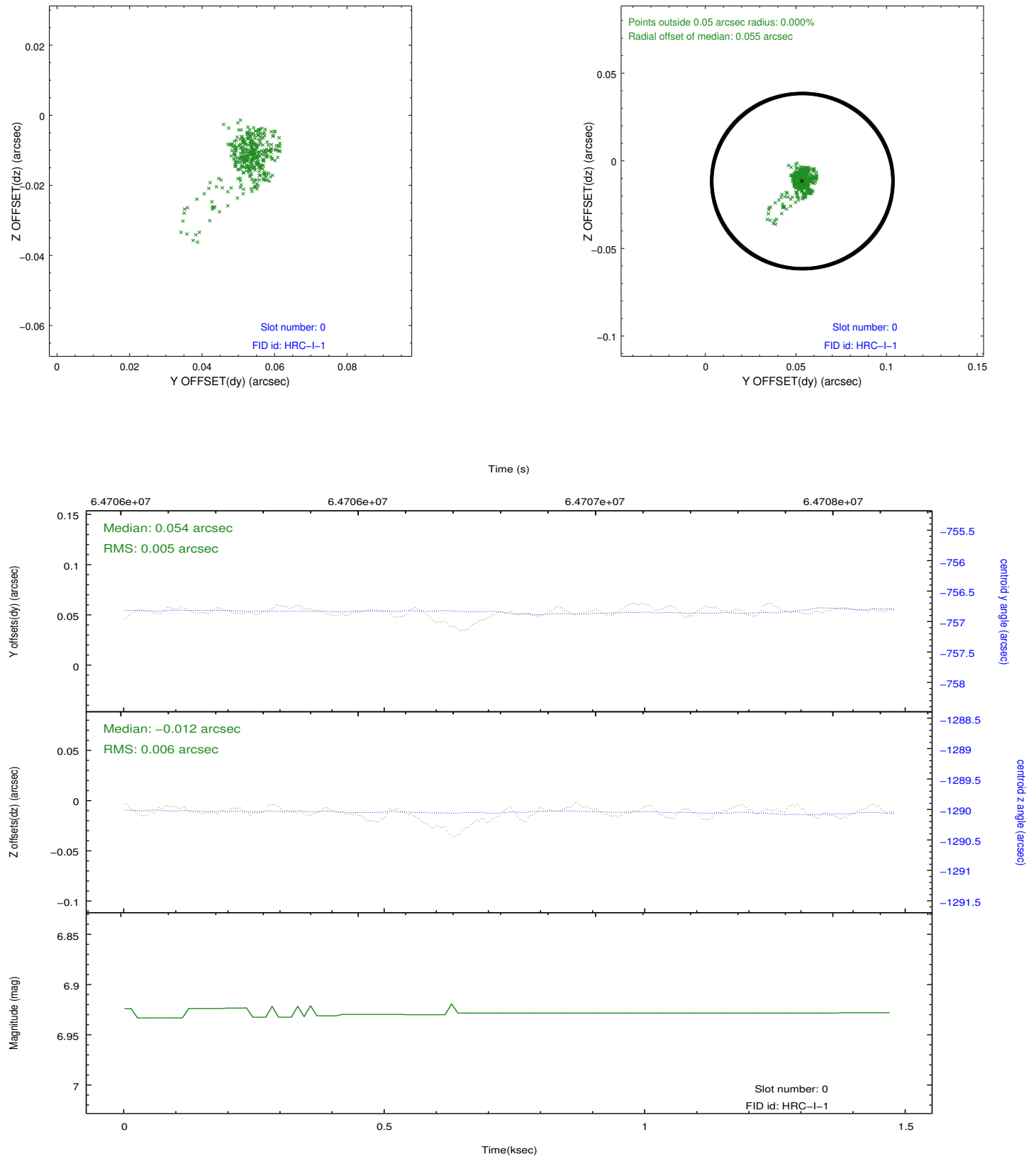


2.4.5 Slot 7

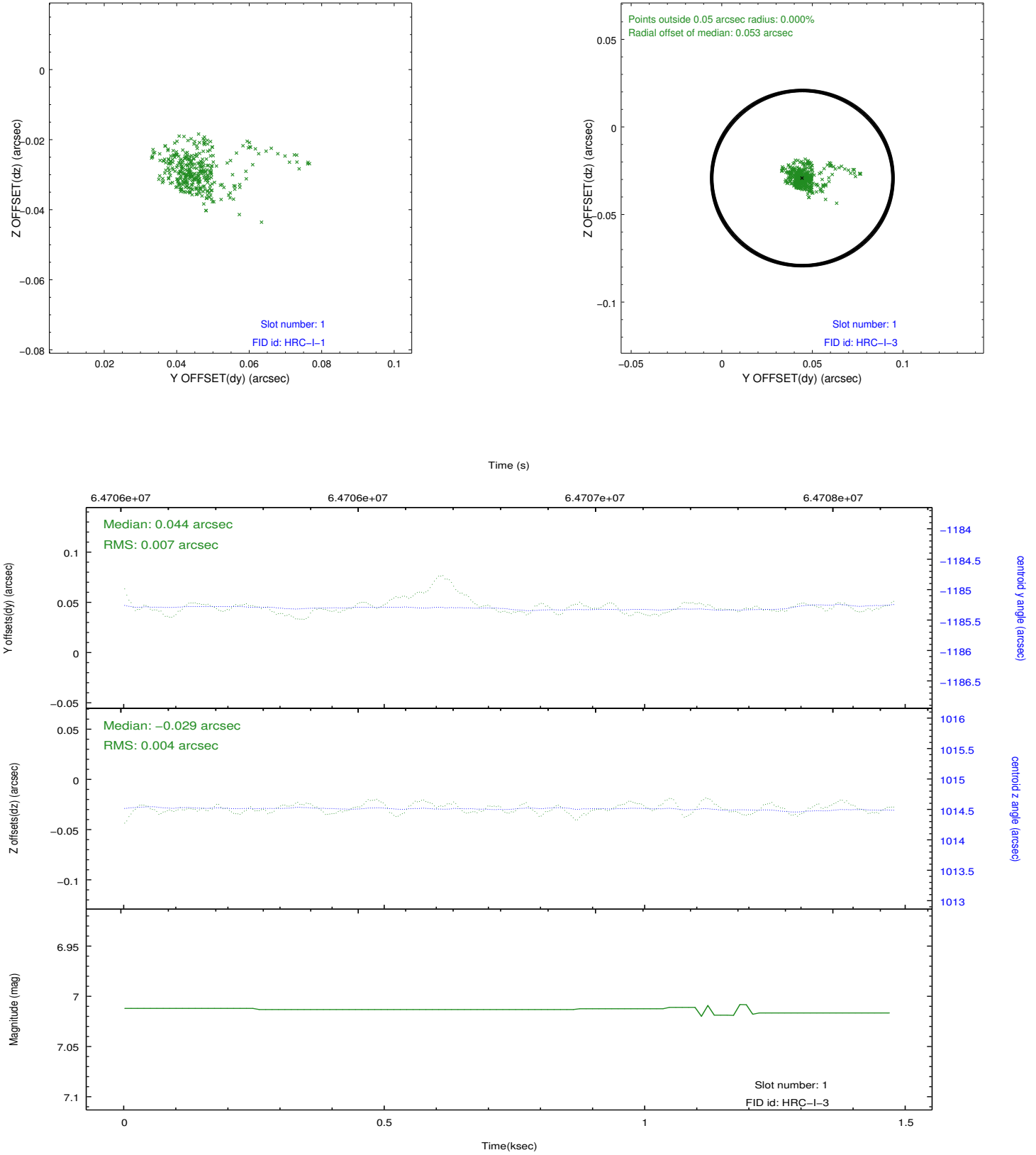


2.5 FID Slots

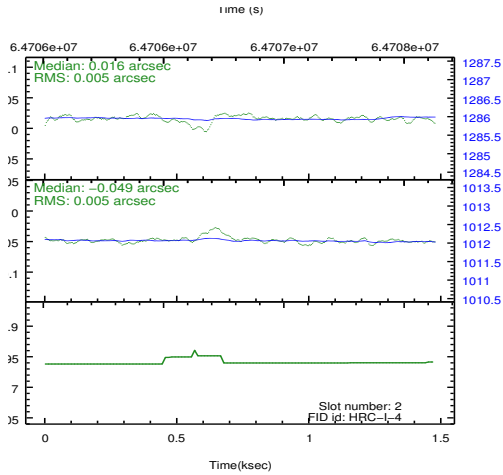
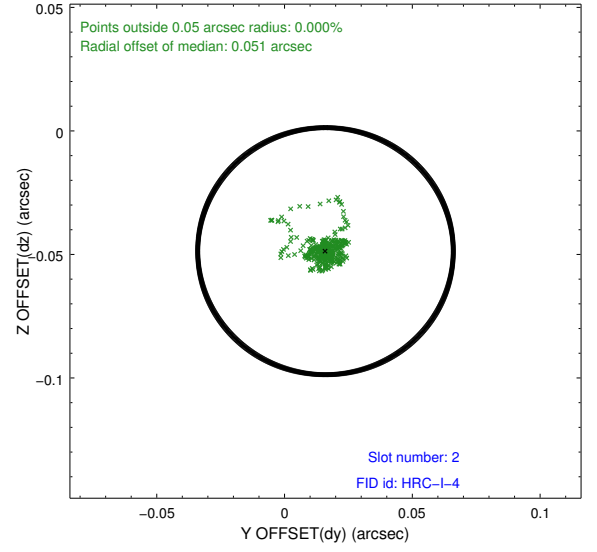
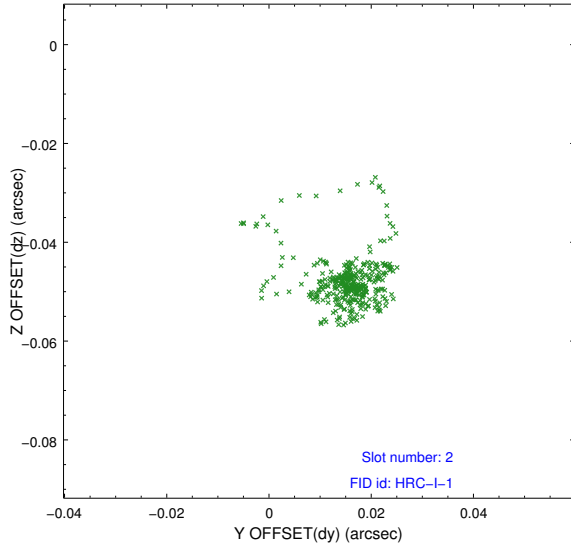
2.5.1 Slot 0



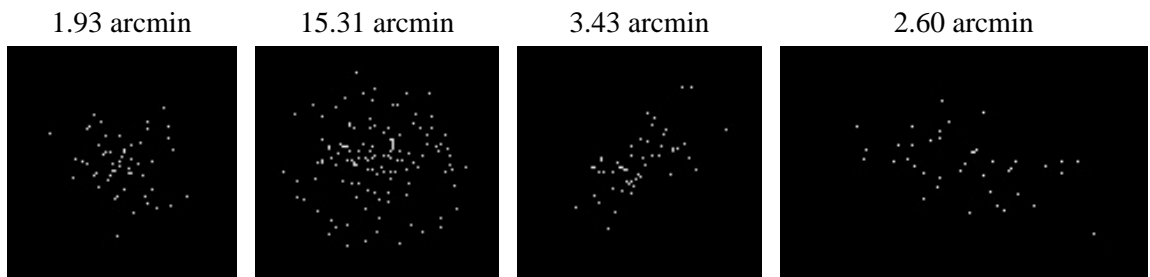
2.5.2 Slot 1



2.5.3 Slot 2



3 Point Sources



A Summary

A.1 Status

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2009.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.211

A.2 Comments