

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 13571 - L2 Version 2
Chandra X-Ray Center

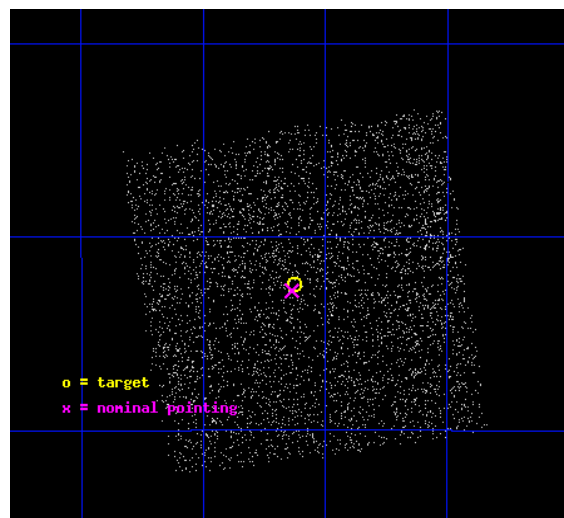
L2 Processing Date : Feb 25 2012

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1 Front

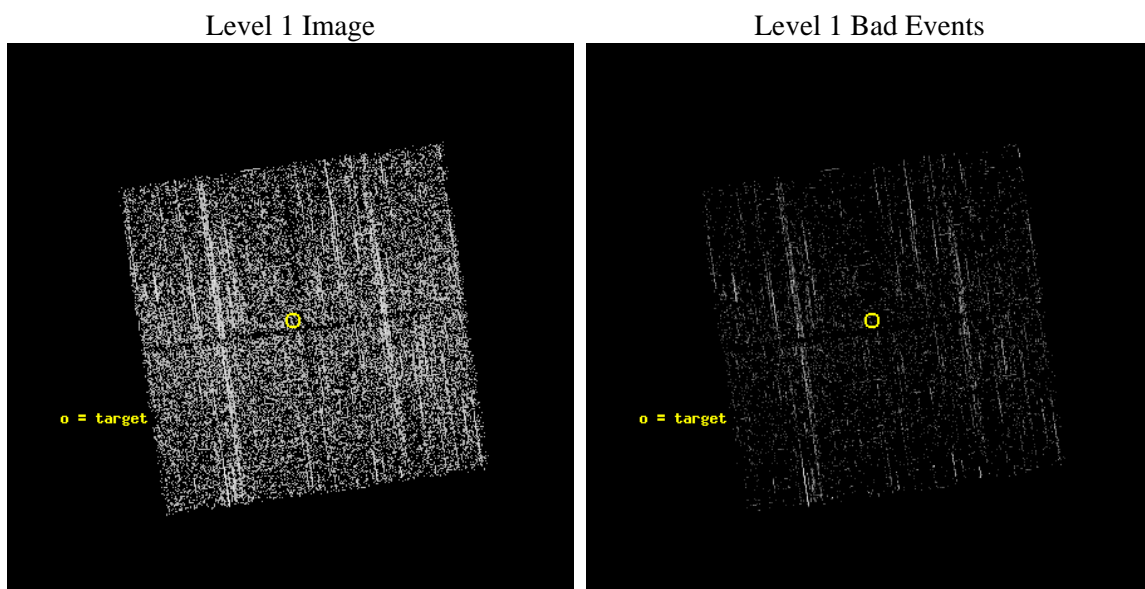
seq_num	401347	Sequence number
obs_id	13571	Observation id
title	Completing the Galactic Bulge Survey: categorizing the plethora of faint X-ray sources in the Galactic Bulge	Proposal title
observer	dr P Jonker	Principal investigator
object	GBS13-4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	267.032096	Observer's specified target RA [deg]
dec_targ	-31.707851	Observer's specified target Dec [deg]
ra_nom	267.03429230734	Nominal RA [deg]
dec_nom	-31.713185754582	Nominal Dec [deg]
roll_nom	261.83304767541	Nominal Roll [deg]
revision	2	Processing version of data
ontime	1973.506980896	Sum of GTIs [s]
livetime	1947.7216593159	Livetime [s]
ontime0	1973.3838608861	Sum of GTIs [s]
ontime1	1973.4249008894	Sum of GTIs [s]
ontime2	1973.4659707546	Sum of GTIs [s]
ontime3	1973.506980896	Sum of GTIs [s]
l2events	4864	Number of level 2 events



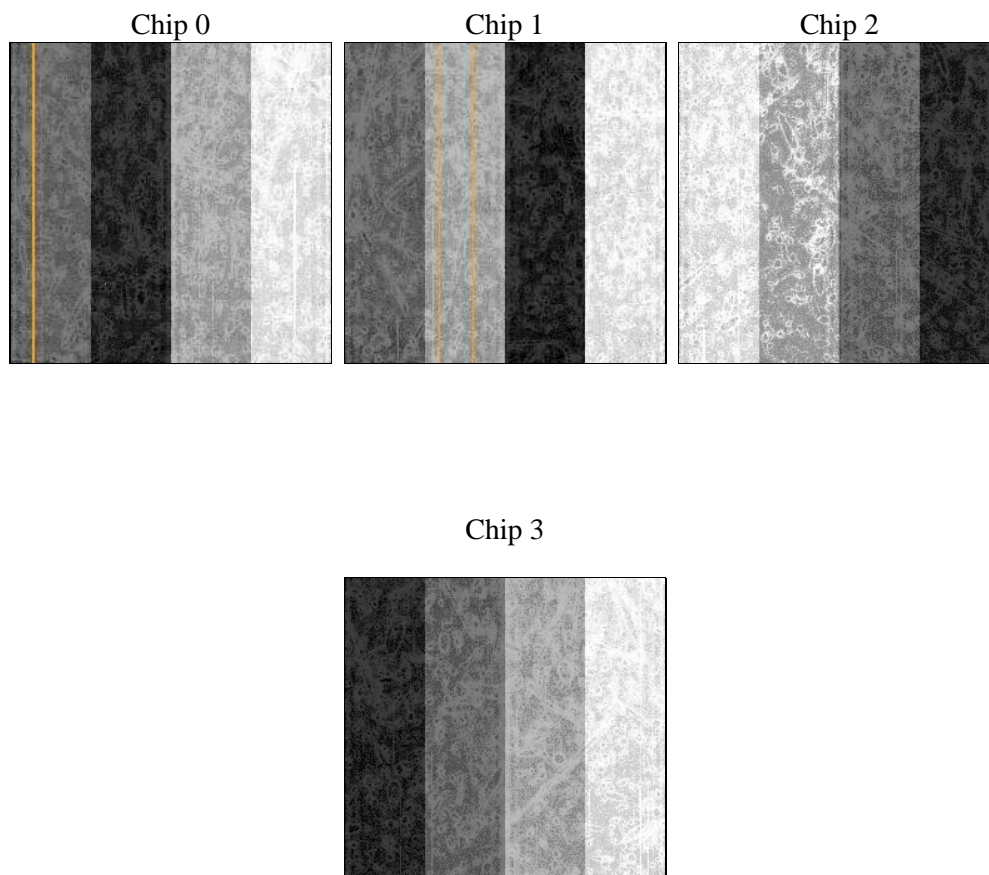
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	2180.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	1973.506980896	Sum of GTIs [s]
caldsver	4.4.8	 	ontime0	1973.3838608861	Sum of GTIs [s]
date	2012-02-26T01:17:32	Date and time of file creation	ontime1	1973.4249008894	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	1973.4659707546	Sum of GTIs [s]
			ontime3	1973.506980896	Sum of GTIs [s]
			l1events	45210	Number of level 1 events

2.1.4 Events

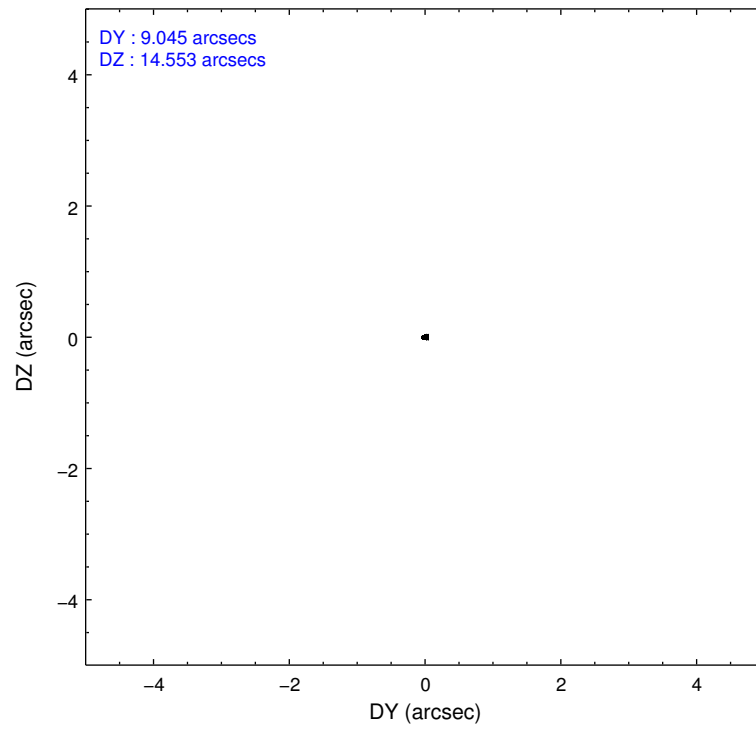
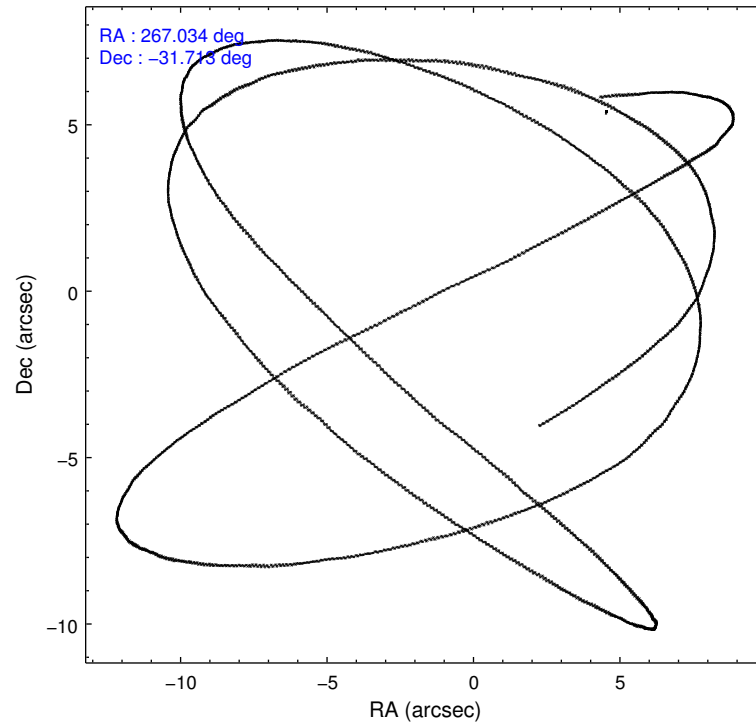
	ccd 0	ccd 1	ccd 2	ccd 3
level 1 events	11044	11123	11421	11622
rejected events	9630	9510	10085	10268
rejected %	87%	85%	88%	88%

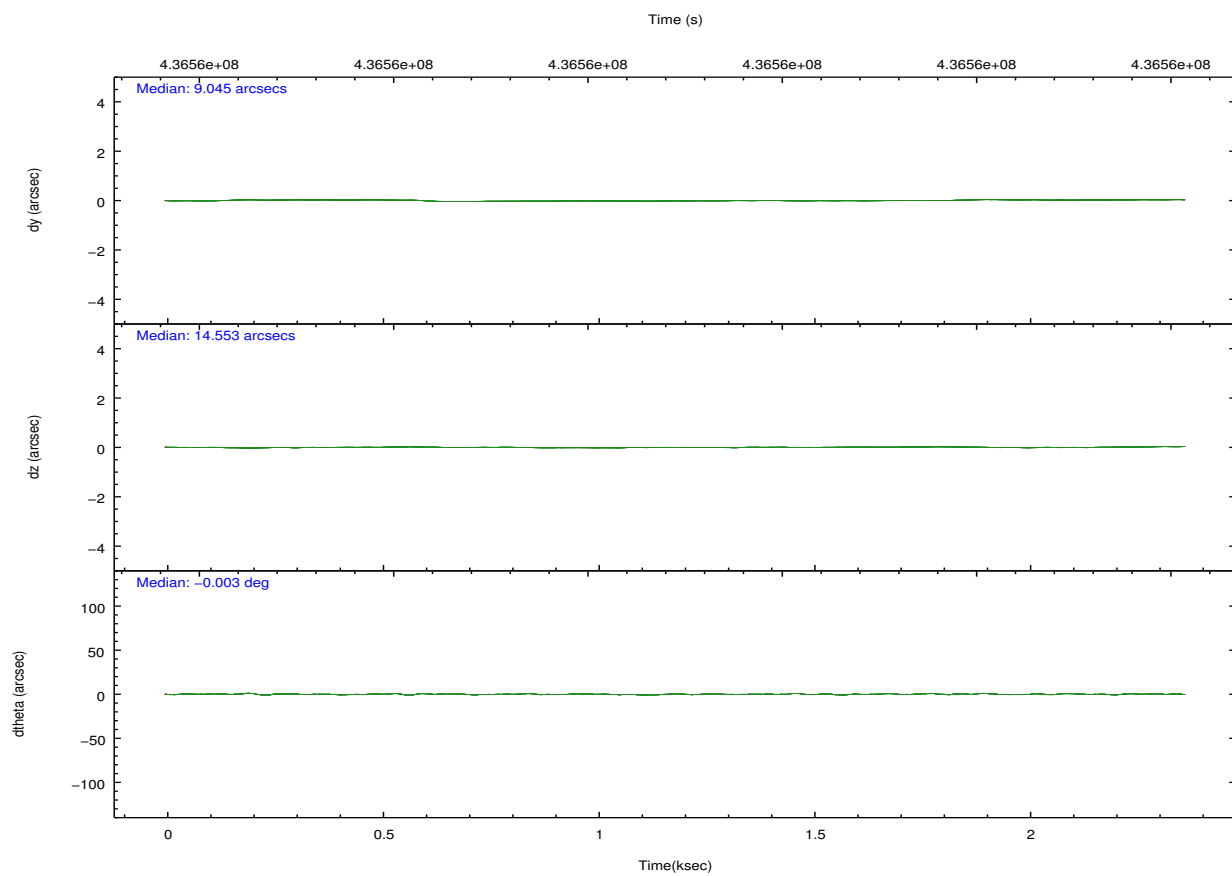
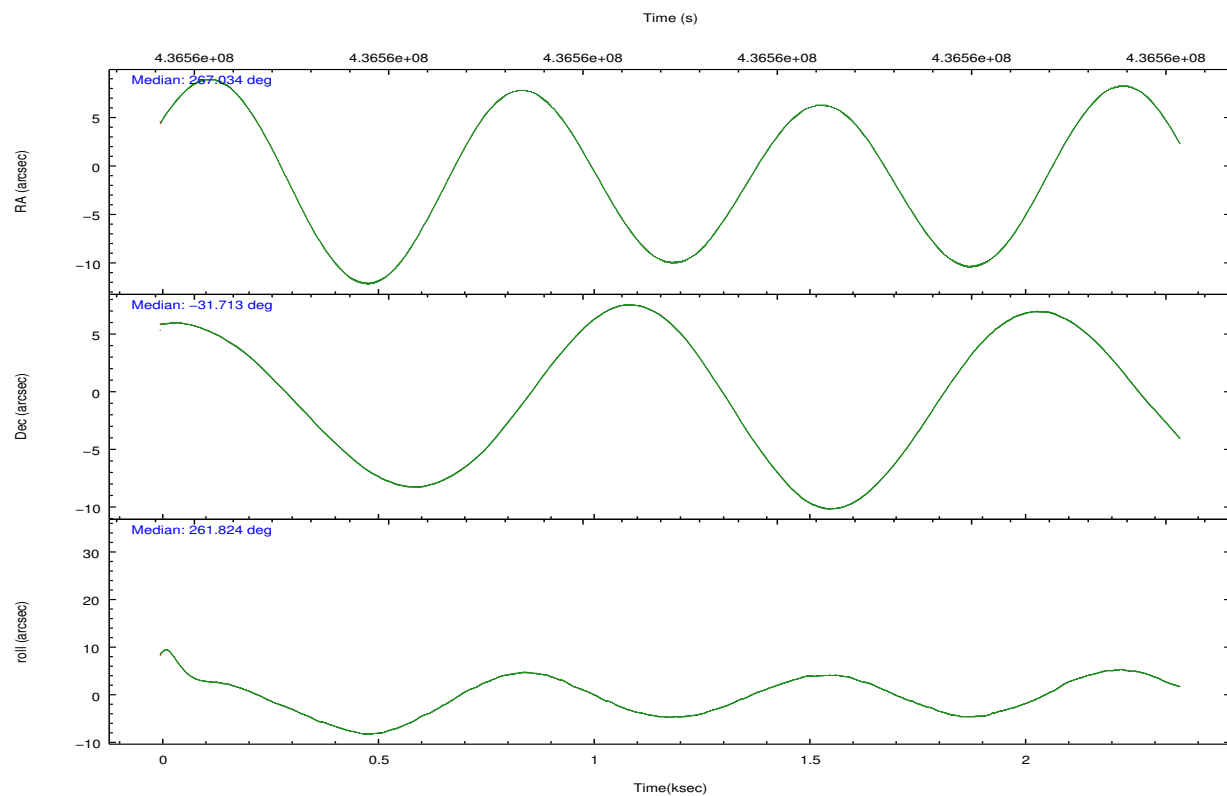
	ccd 0	ccd 1	ccd 2	ccd 3
grade 0 events	542	611	512	530
	4%	5%	4%	4%
grade 1 events	4	6	6	6
	0%	0%	0%	0%
grade 2 events	338	390	296	313
	3%	3%	2%	2%
grade 3 events	149	148	139	135
	1%	1%	1%	1%
grade 4 events	122	150	144	130
	1%	1%	1%	1%
grade 5 events	502	520	520	622
	4%	4%	4%	5%
grade 6 events	266	319	248	248
	2%	2%	2%	2%
grade 7 events	9121	8979	9556	9638
	82%	80%	83%	82%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-0123	ACIS-0123	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	267.021895	267.0342923073438	Subarray requested	NONE	NONE
[deg] Pointing Dec	-31.687877	-31.71318575458151	Alternating exposures requested	N	N
[deg] Pointing Roll	261.617868	261.8330476754093	[s] Primary exposure time	0.000000	3.1
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	436559219.184000	436558842.9839			
Observation start date	2011-11-01T18:25:53	2011-11-01T18:20:42			
[s] Observation end time (MET)	436561399.184000	436561533.09654			
Observation end date	2011-11-01T19:02:13	2011-11-01T19:05:33			
Read mode	TIMED	TIMED			

2.3 Aspect



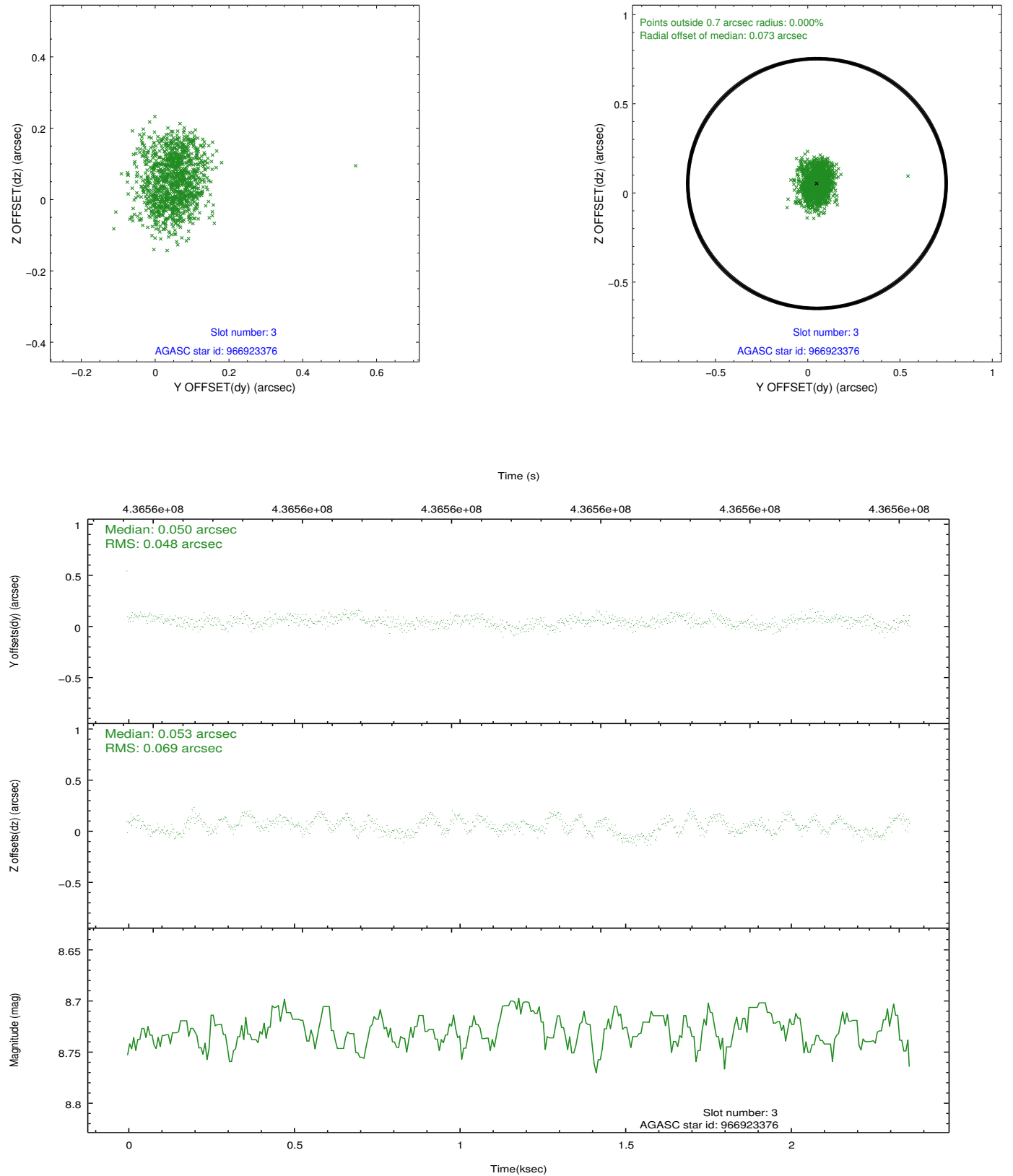


Slot Statistics

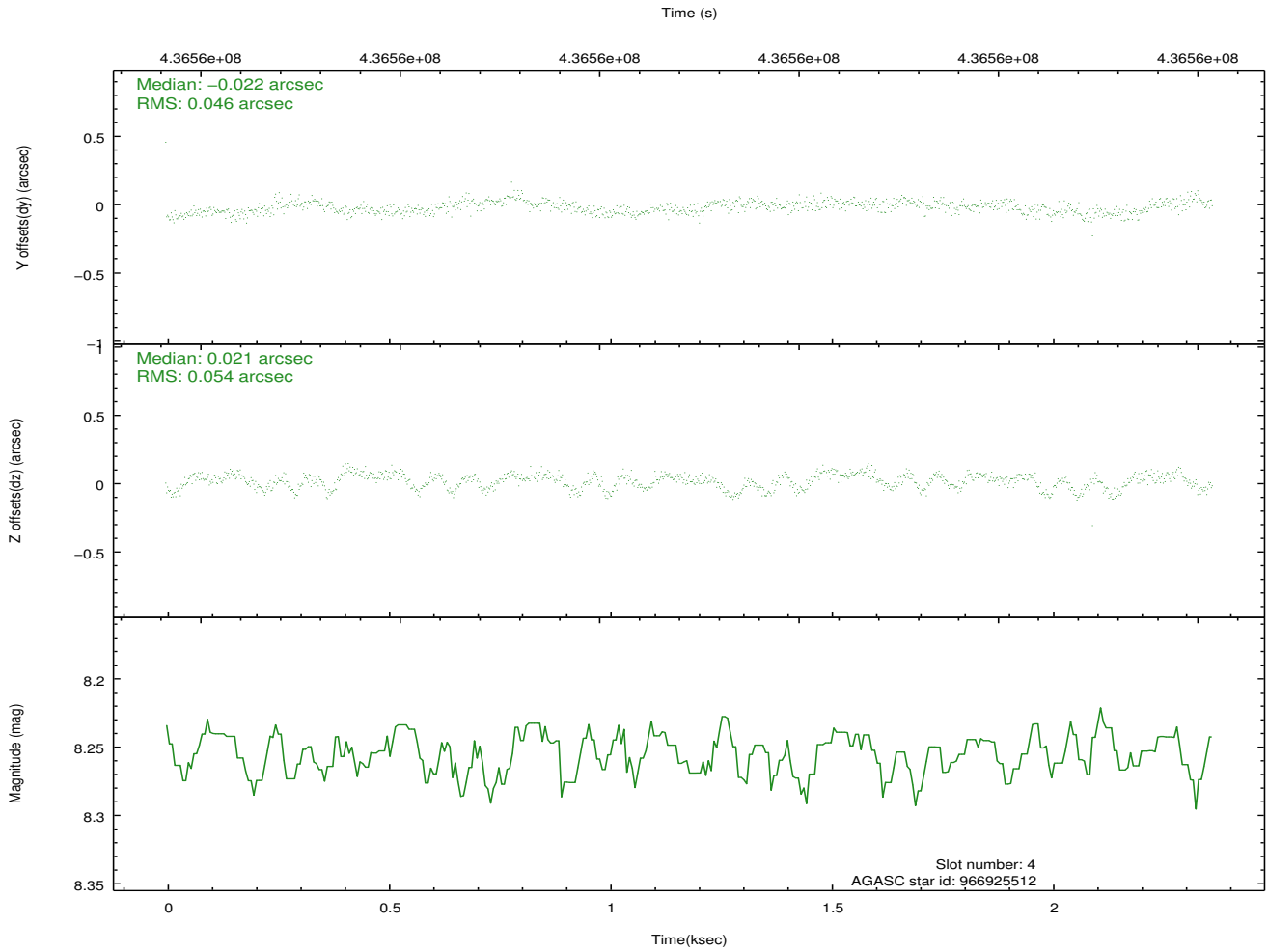
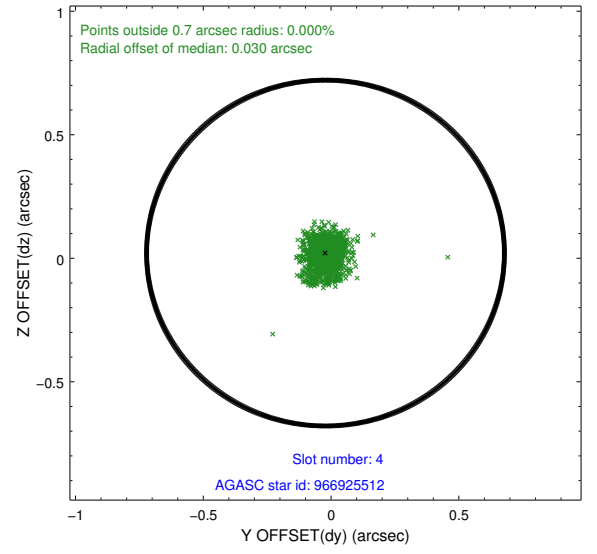
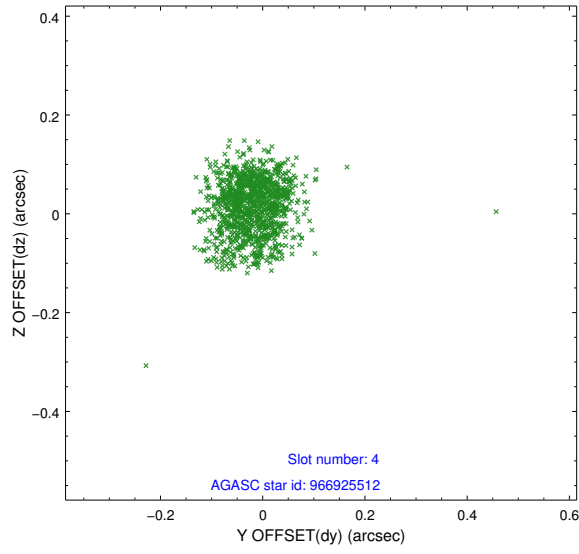
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.02	577	0.052	-0.010	0.006	0.011	0.000000	0.000000	930.64	-838.15
1	FID	ACIS-I-5	7.01	577	-0.206	0.060	0.006	0.010	0.000000	0.000000	-1816.23	1058.00
2	FID	ACIS-I-6	7.02	576	0.063	0.021	0.006	0.012	0.000000	0.000000	393.18	1705.61
3	GUIDE	966923376	8.73	1154	0.050	0.053	0.090	0.140	266.333558	-31.111316	-1736.27	-2401.11
4	GUIDE	966925512	8.26	1154	-0.022	0.021	0.072	0.120	266.373606	-31.056700	-1950.77	-2311.13
5	GUIDE	966927000	8.16	1154	-0.038	-0.055	0.072	0.121	267.318997	-31.255021	-1674.60	675.01
6	GUIDE	967059168	8.44	1154	-0.040	0.018	0.071	0.120	267.755631	-31.226839	-1964.73	1993.87
7	GUIDE	967060832	9.34	1153	0.046	-0.031	0.107	0.168	267.800373	-31.675183	-385.59	2355.51

2.4 Star Slots

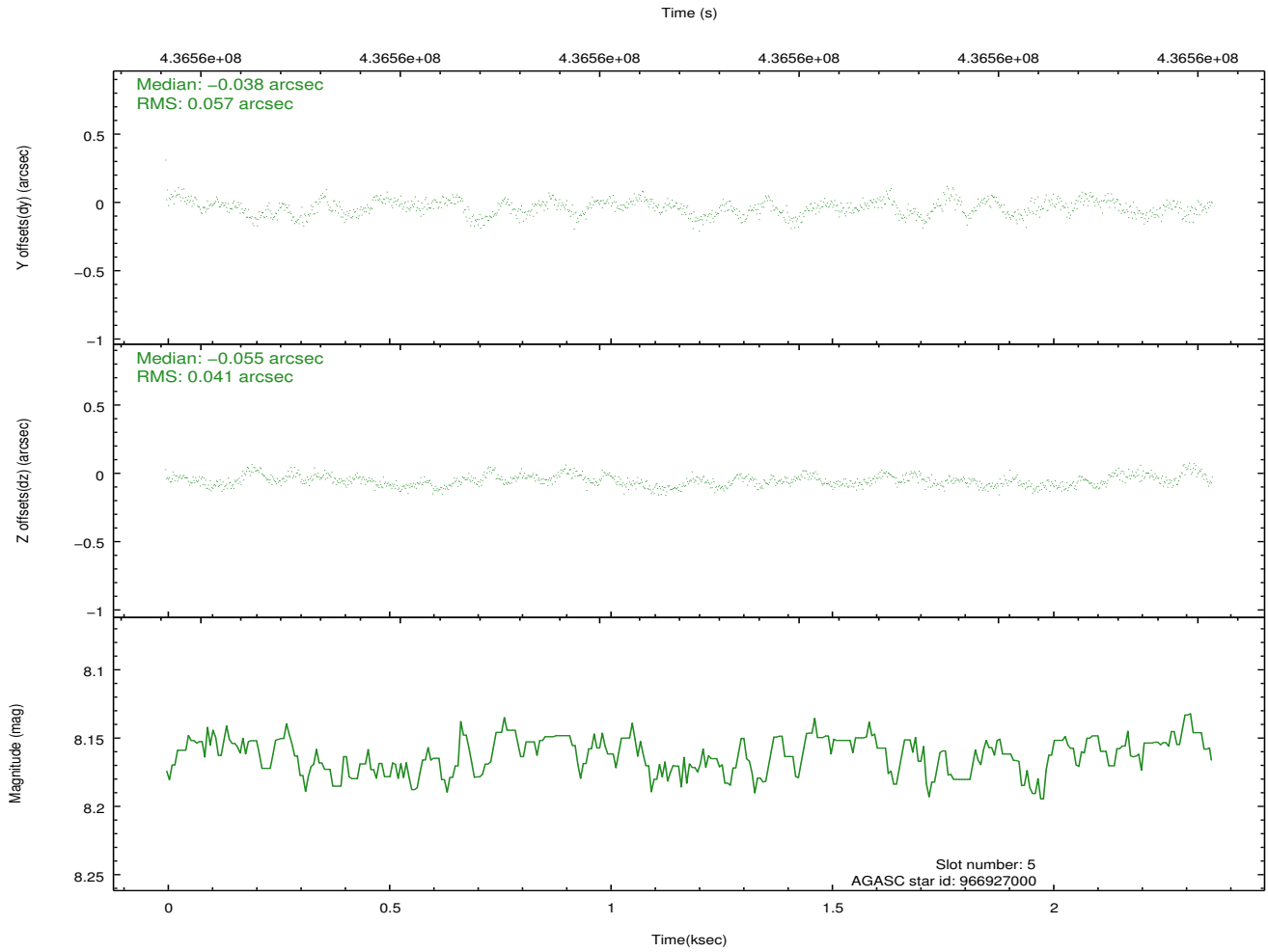
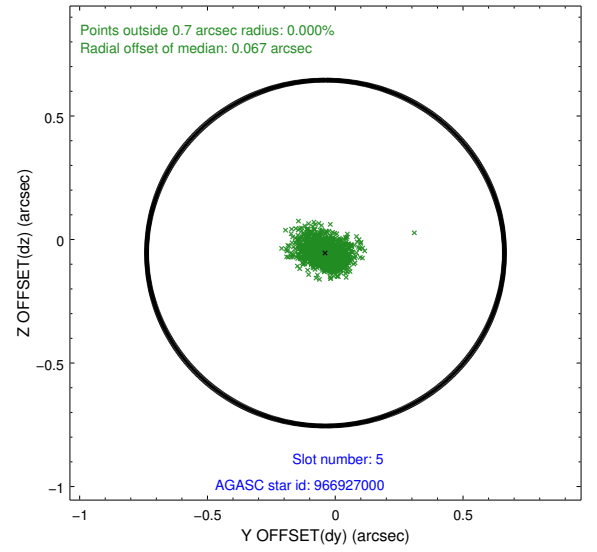
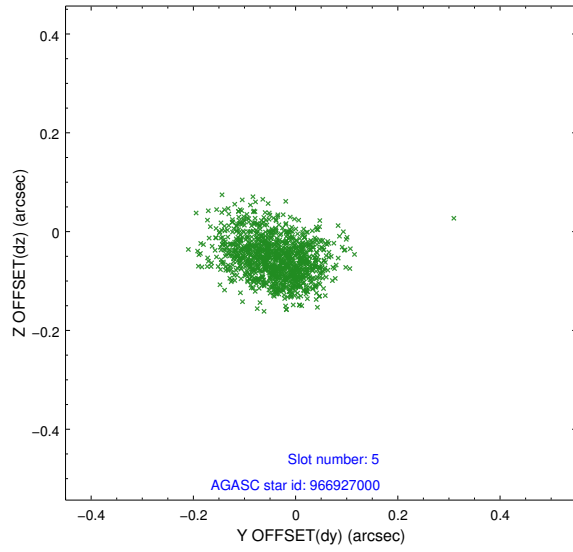
2.4.1 Slot 3



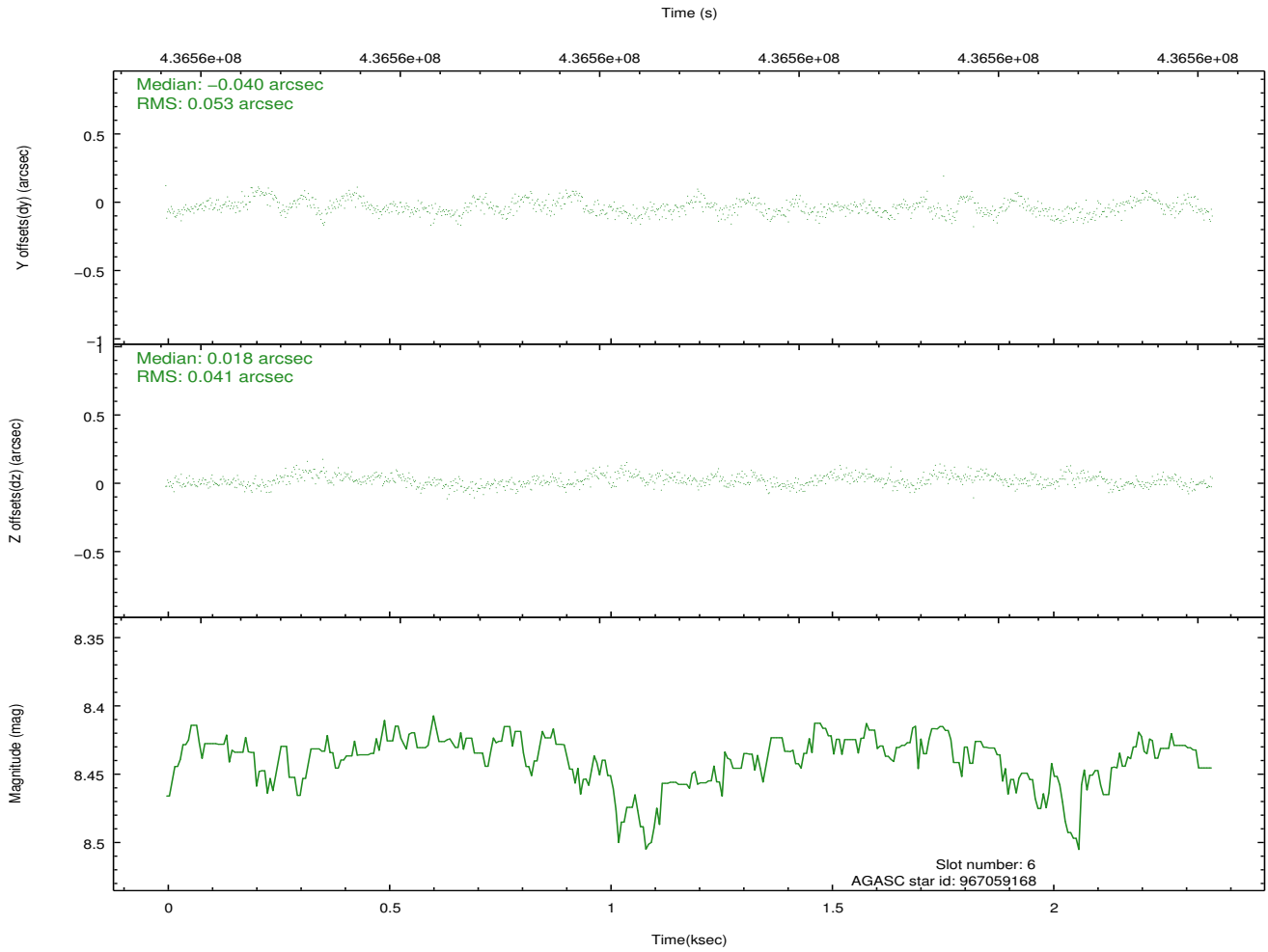
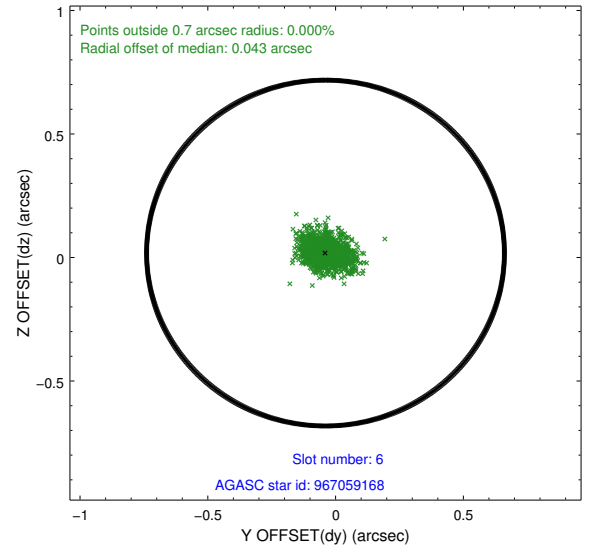
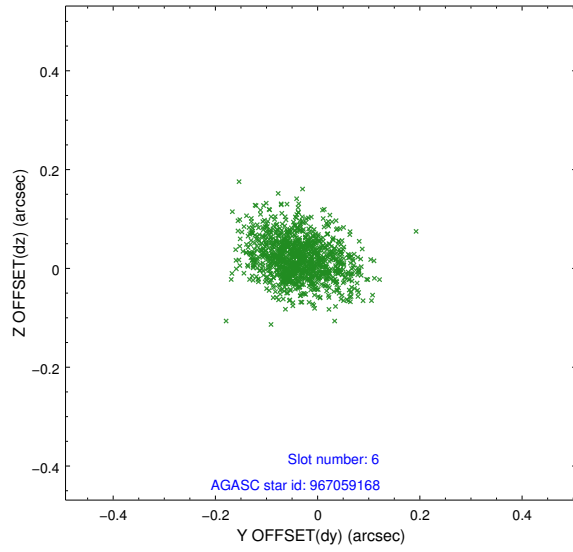
2.4.2 Slot 4



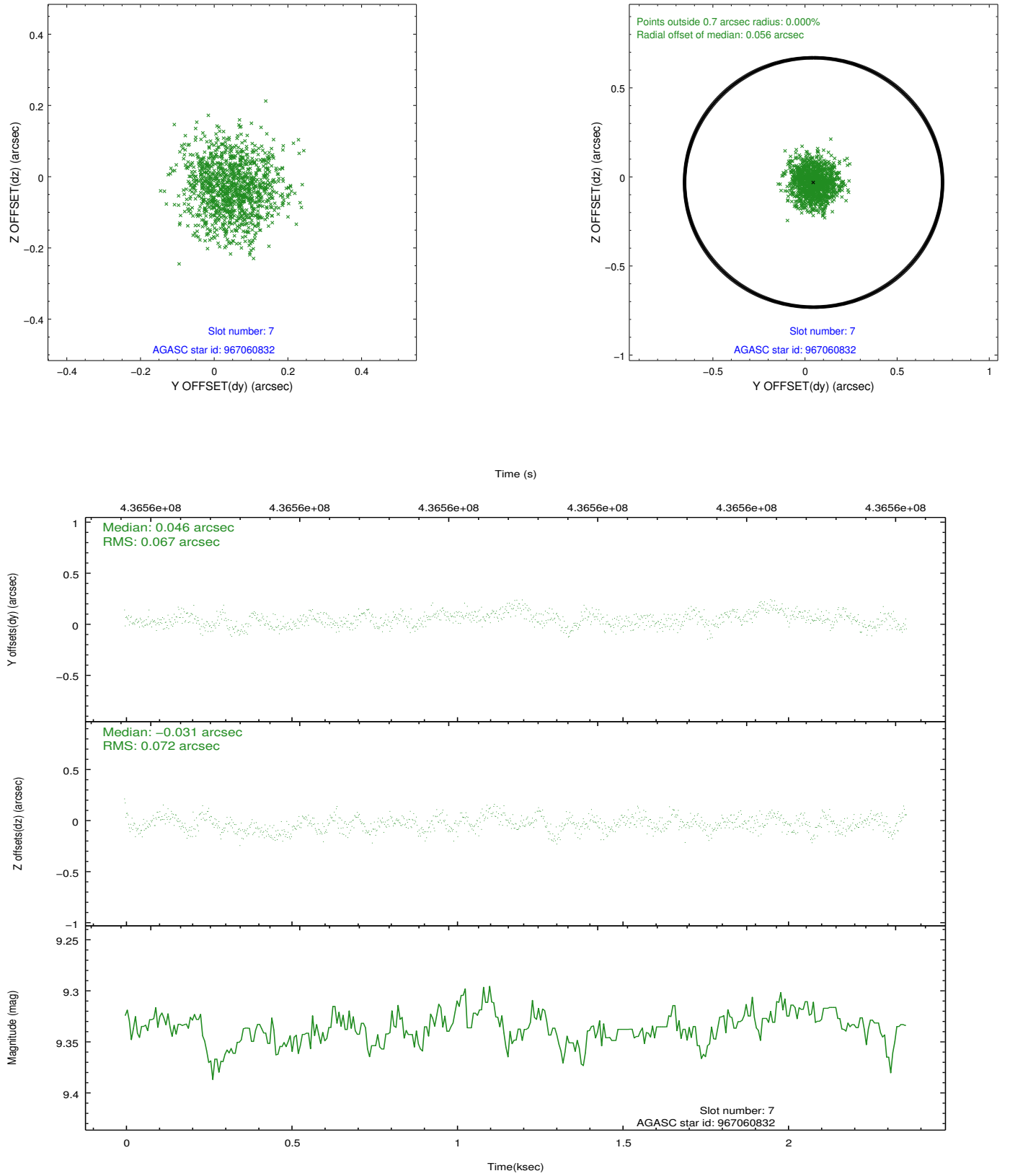
2.4.3 Slot 5



2.4.4 Slot 6

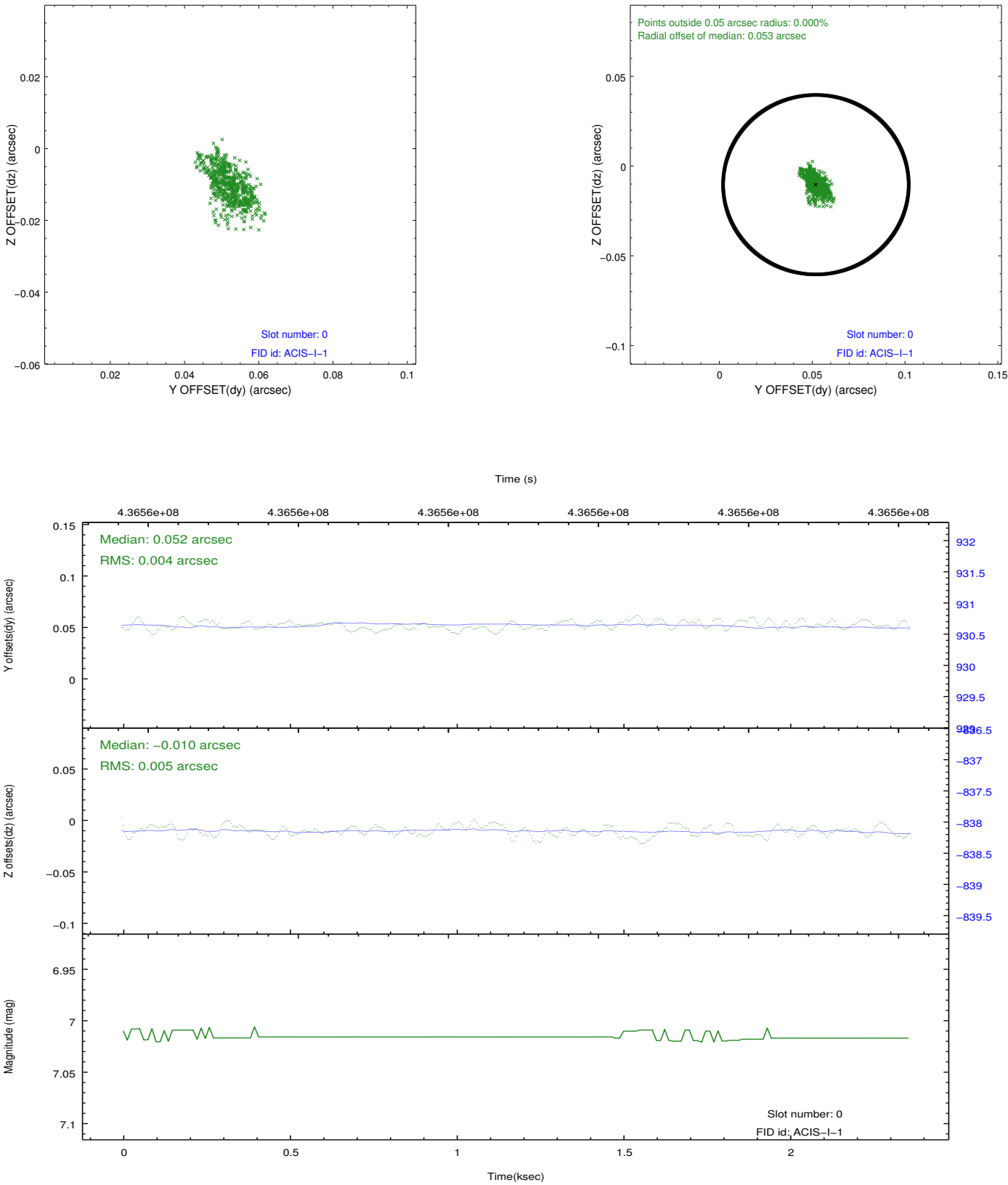


2.4.5 Slot 7

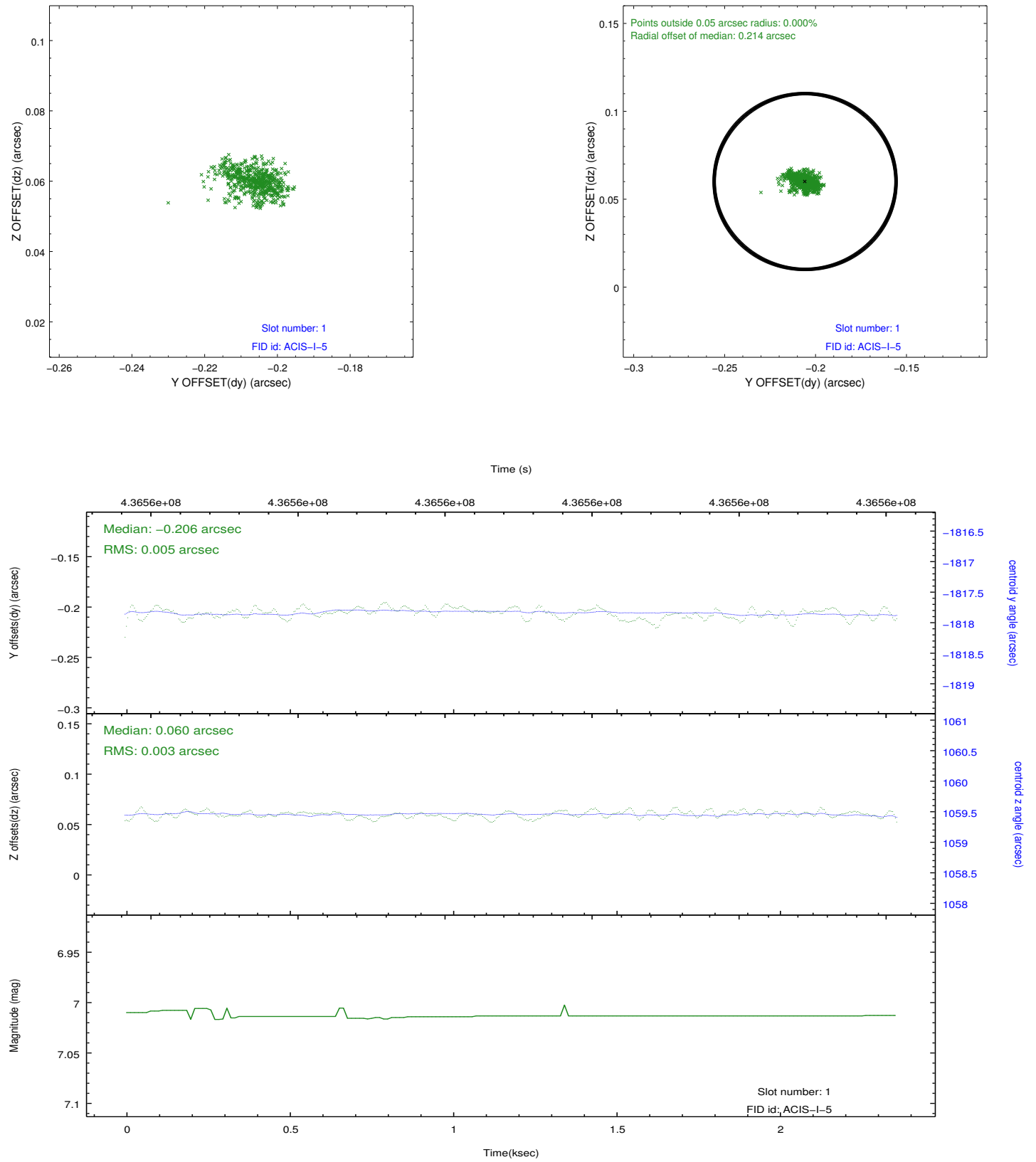


2.5 FID Slots

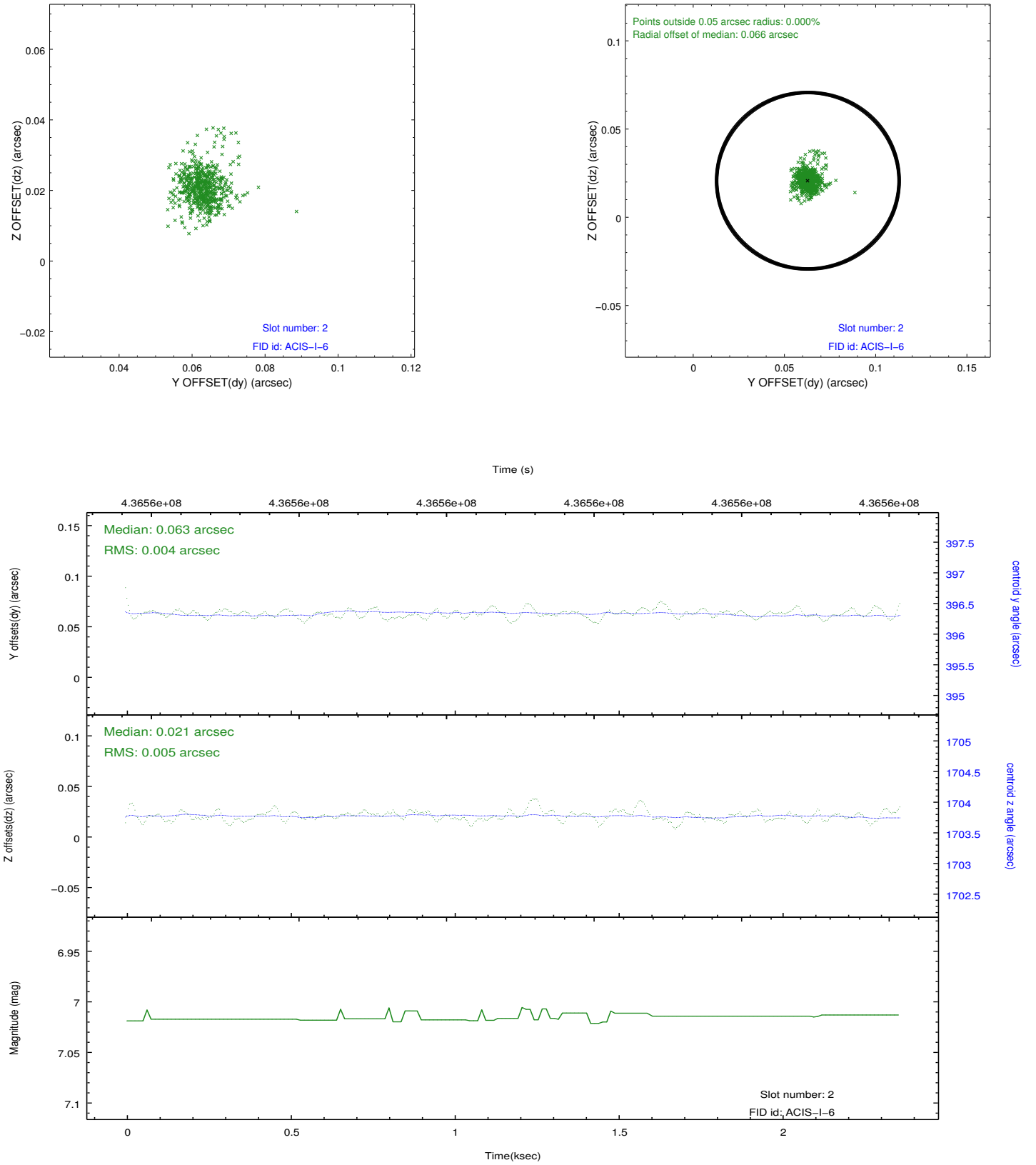
2.5.1 Slot 0



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)	2012.02.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.9735069817901

A.2 Comments

Joint Proposal: NOAO