

V&V Reference Report

L2 ASCDS Version : 8.4.3.1

Observation 7345 - L2 Version 2
Chandra X-Ray Center

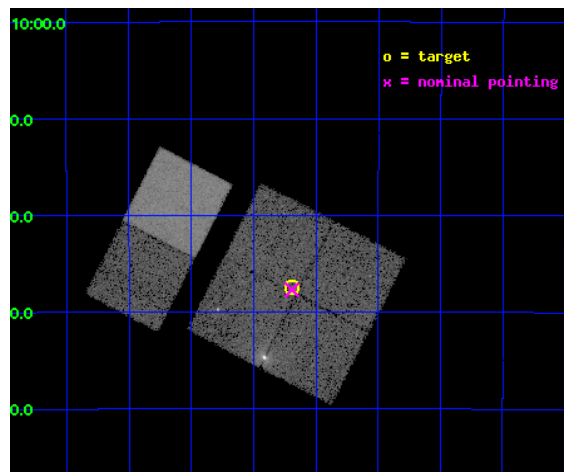
L2 Processing Date : Apr 4 2012

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1 Front

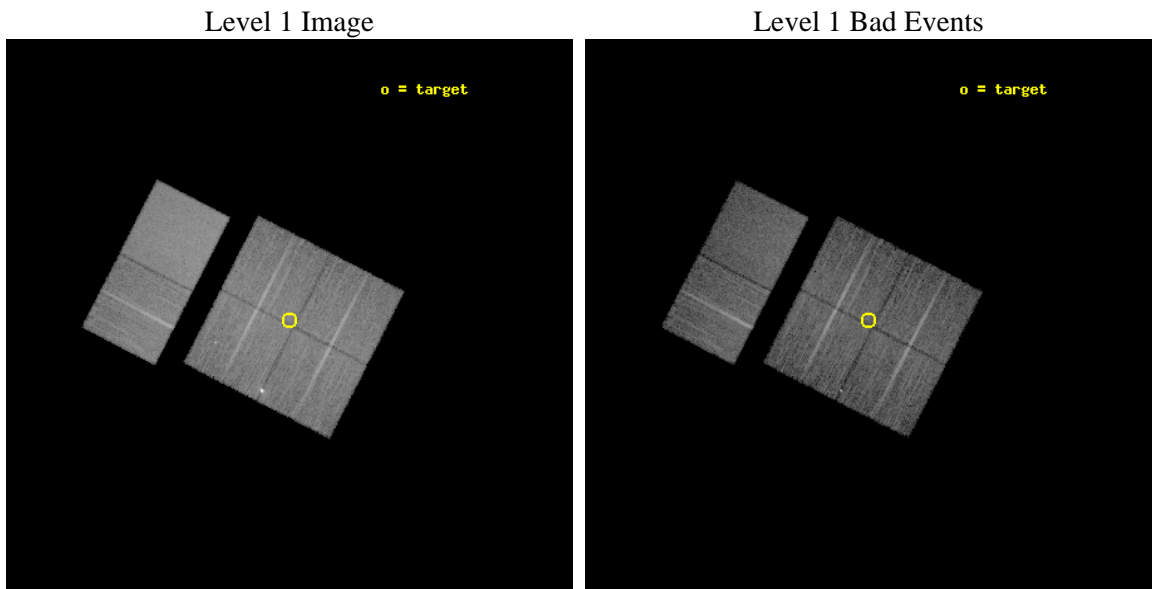
seq_num	900458	Sequence number
obs_id	7345	Observation id
title	A Legacy Study of Stellar Life Cycles at the Galactic Center	Propo
observer	Dr. Michael Muno	Principal investigator
object	Deep GCS 12	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	265.922917	Observer's specified target RA [deg]
dec_targ	-29.623806	Observer's specified target Dec [deg]
ra_nom	265.92329031716	Nominal RA [deg]
dec_nom	-29.628439515126	Nominal Dec [deg]
roll_nom	297.20887531485	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10079.999962449	Sum of GTIs [s]
livetime	9952.3609334773	Livetime [s]
ontime0	10079.999962449	Sum of GTIs [s]
ontime1	10076.758992136	Sum of GTIs [s]
ontime2	10076.759081751	Sum of GTIs [s]
ontime3	10079.999962449	Sum of GTIs [s]
ontime6	10079.999962449	Sum of GTIs [s]
ontime7	10079.999962449	Sum of GTIs [s]
l2events	116379	Number of level 2 events



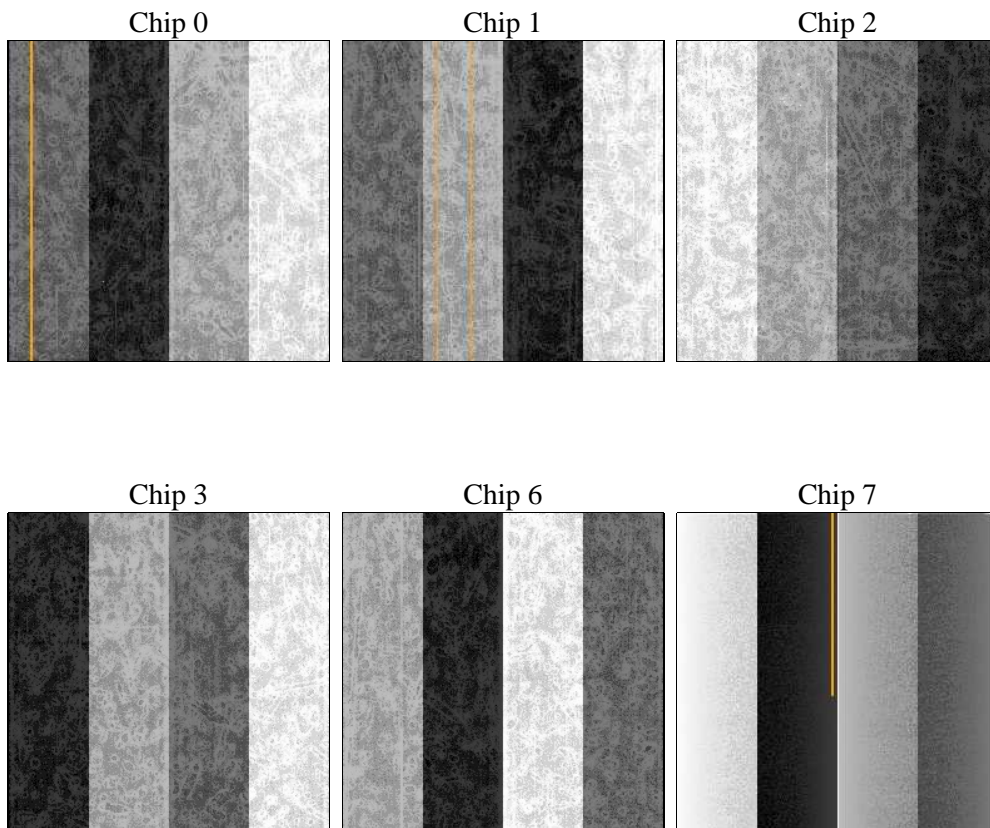
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	9900.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	10079.999962449	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	10079.999962449	Sum of GTIs [s]
date	2012-04-04T01:18:58	Date and time of file creation	ontime1	10076.758992136	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	10076.759081751	Sum of GTIs [s]
			ontime3	10079.999962449	Sum of GTIs [s]
			ontime6	10079.999962449	Sum of GTIs [s]
			ontime7	10079.999962449	Sum of GTIs [s]
			l1events	596351	Number of level 1 events

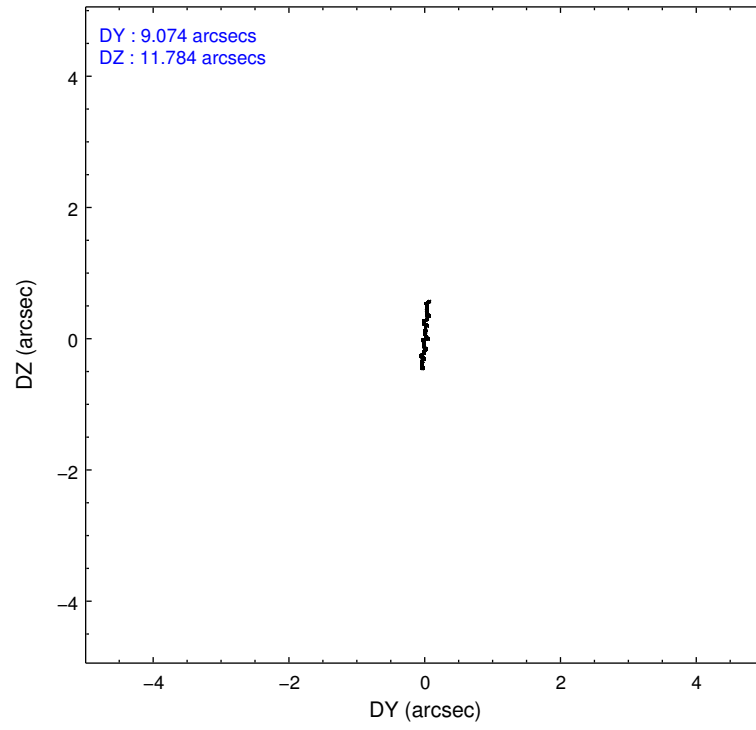
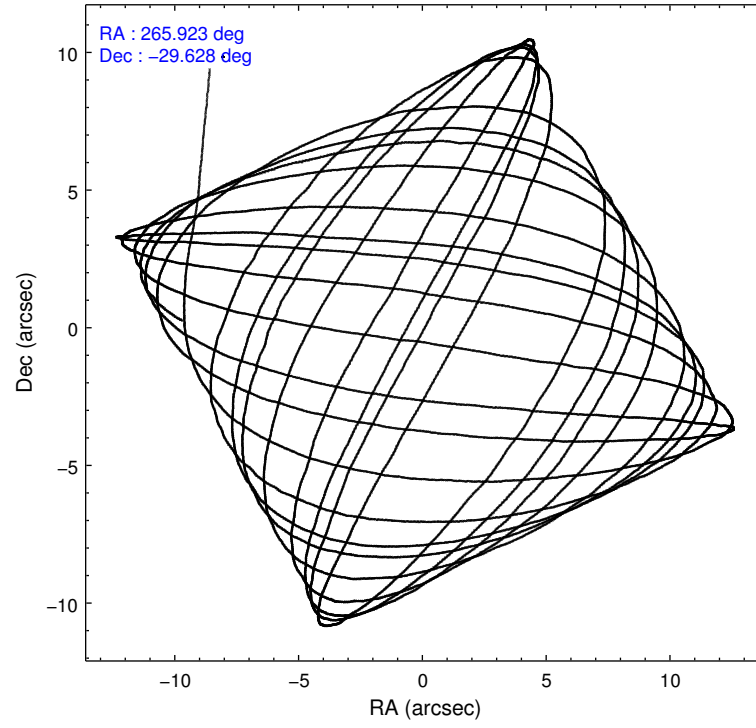
2.1.4 Events

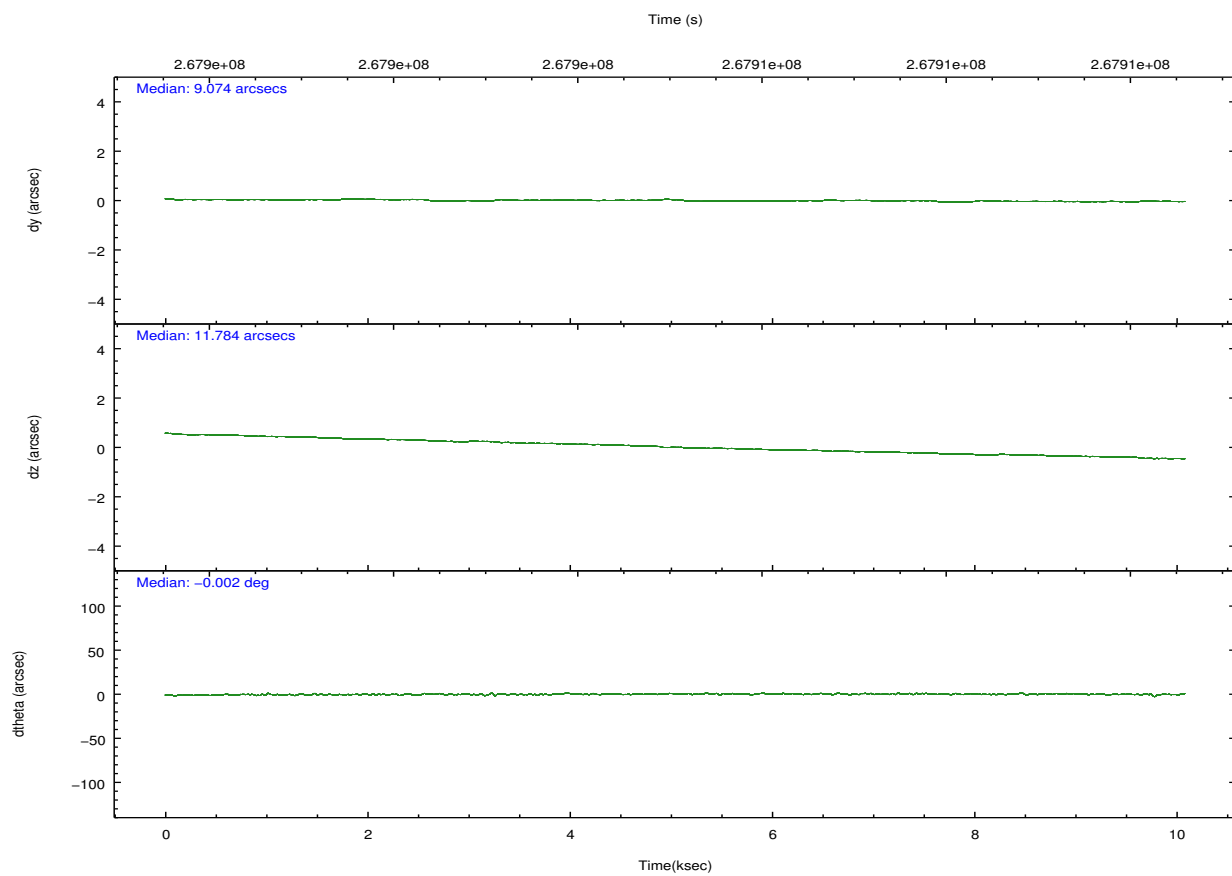
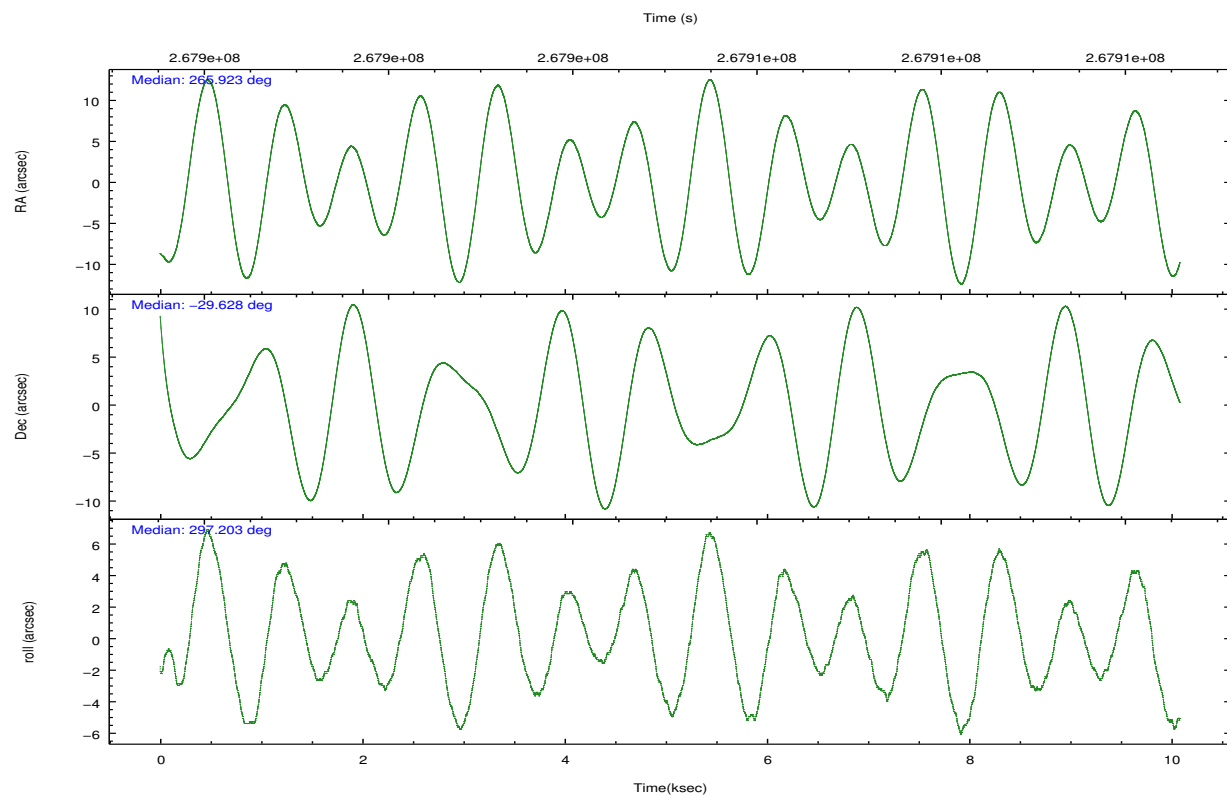
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	92579	87645	99188	91064	97877	127998	grade 0 events	9260	5914	9244	6356	5053	4852
rejected events	74796	74029	82131	77963	85571	74451		10%	6%	9%	6%	5%	3%
rejected %	80%	84%	82%	85%	87%	58%	grade 1 events	127	43	115	67	49	133
								0%	0%	0%	0%	0%	0%
							grade 2 events	3351	2920	3063	2394	2652	10848
								3%	3%	3%	2%	2%	8%
							grade 3 events	1395	1238	1323	1181	1113	4846
								1%	1%	1%	1%	1%	3%
							grade 4 events	1365	1221	1367	1189	1127	4695
								1%	1%	1%	1%	1%	3%
							grade 5 events	3771	3981	3342	4126	4362	11930
								4%	4%	3%	4%	4%	9%
							grade 6 events	2524	2442	2201	2078	2473	28733
								2%	2%	2%	2%	2%	22%
							grade 7 events	70786	69886	78533	73673	81048	61961
								76%	79%	79%	80%	82%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	265.896761	265.9232903171568	Subarray requested	NONE	NONE
[deg] Pointing Dec	-29.613687	-29.62843951512586	Alternating exposures requested	N	N
[deg] Pointing Roll	296.987078	297.2088753148516	[s] Primary exposure time	0.000000	3.2
[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)	267900194.184000	267899081.89718			
Observation start date	2006-06-28T16:42:09	2006-06-28T16:24:41			
[s] Observation end time (MET)	267910094.184000	267910565.48522			
Observation end date	2006-06-28T19:27:09	2006-06-28T19:36:05			
Read mode	TIMED	TIMED			

2.3 Aspect



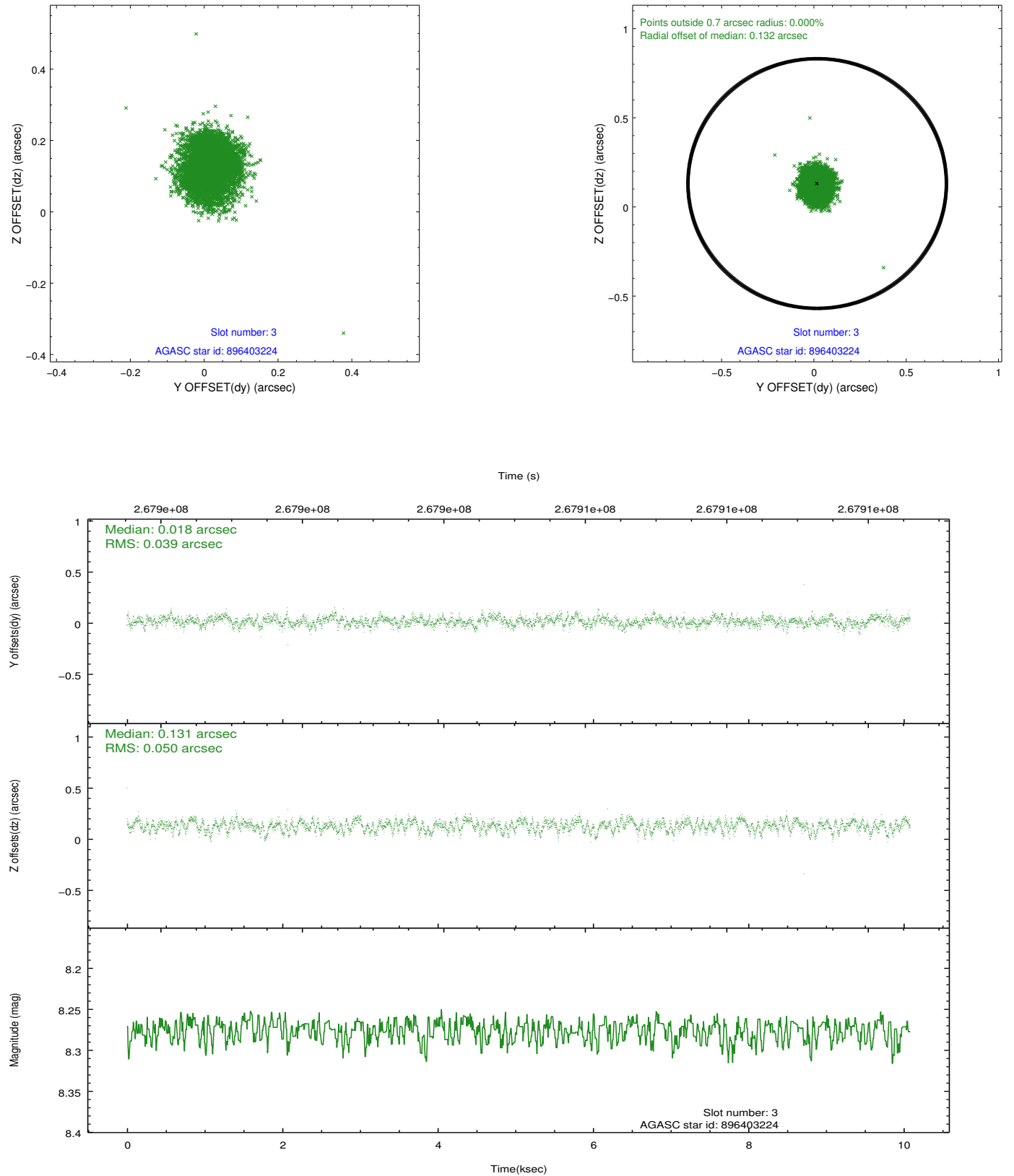


Slot Statistics

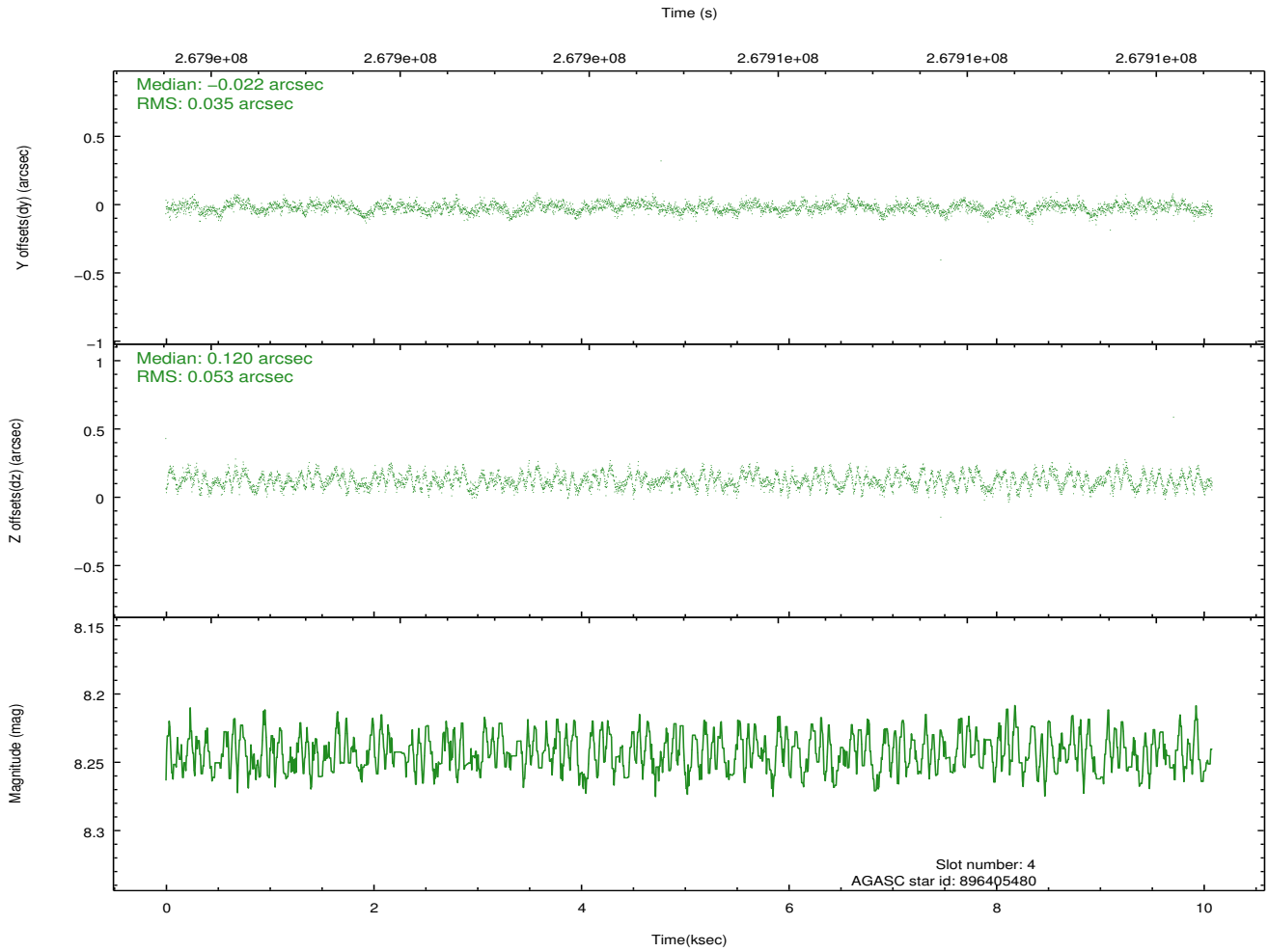
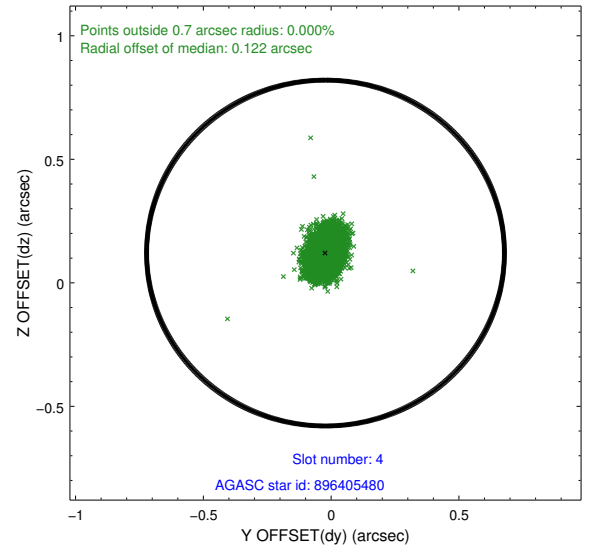
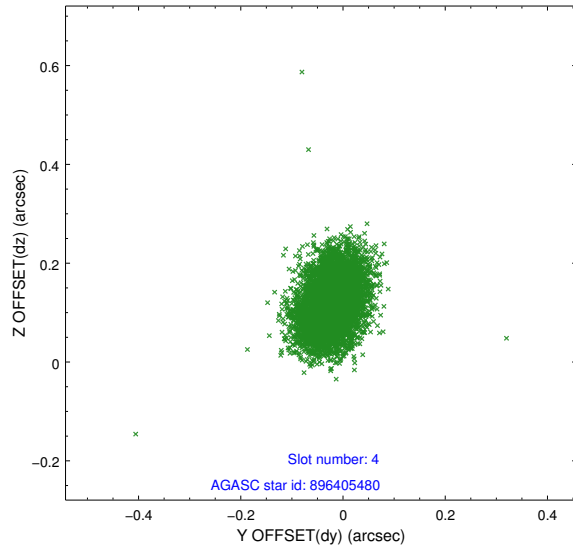
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.24	2457	0.099	-0.030	0.007	0.012	0.000000	0.000000	930.65	-835.36
1	FID	ACIS-I-2	7.14	2459	-0.049	-0.036	0.011	0.018	0.000000	0.000000	-763.30	-842.06
2	FID	ACIS-I-5	7.22	2460	-0.142	0.138	0.008	0.015	0.000000	0.000000	-1818.10	1062.03
3	GUIDE	896403224	8.28	4918	0.018	0.131	0.067	0.108	265.612825	-29.438915	-963.10	-508.06
4	GUIDE	896405480	8.24	4920	-0.022	0.120	0.067	0.106	265.220460	-29.599691	-999.77	-1866.29
5	GUIDE	896537776	7.53	4920	-0.088	-0.132	0.055	0.095	266.655684	-29.665673	1250.88	2026.83
6	GUIDE	896540808	7.48	4918	-0.073	-0.098	0.046	0.072	265.985401	-29.308604	-851.90	746.71
7	GUIDE	966924920	8.09	4919	0.168	-0.013	0.064	0.102	265.875401	-30.176961	1777.25	-978.98

2.4 Star Slots

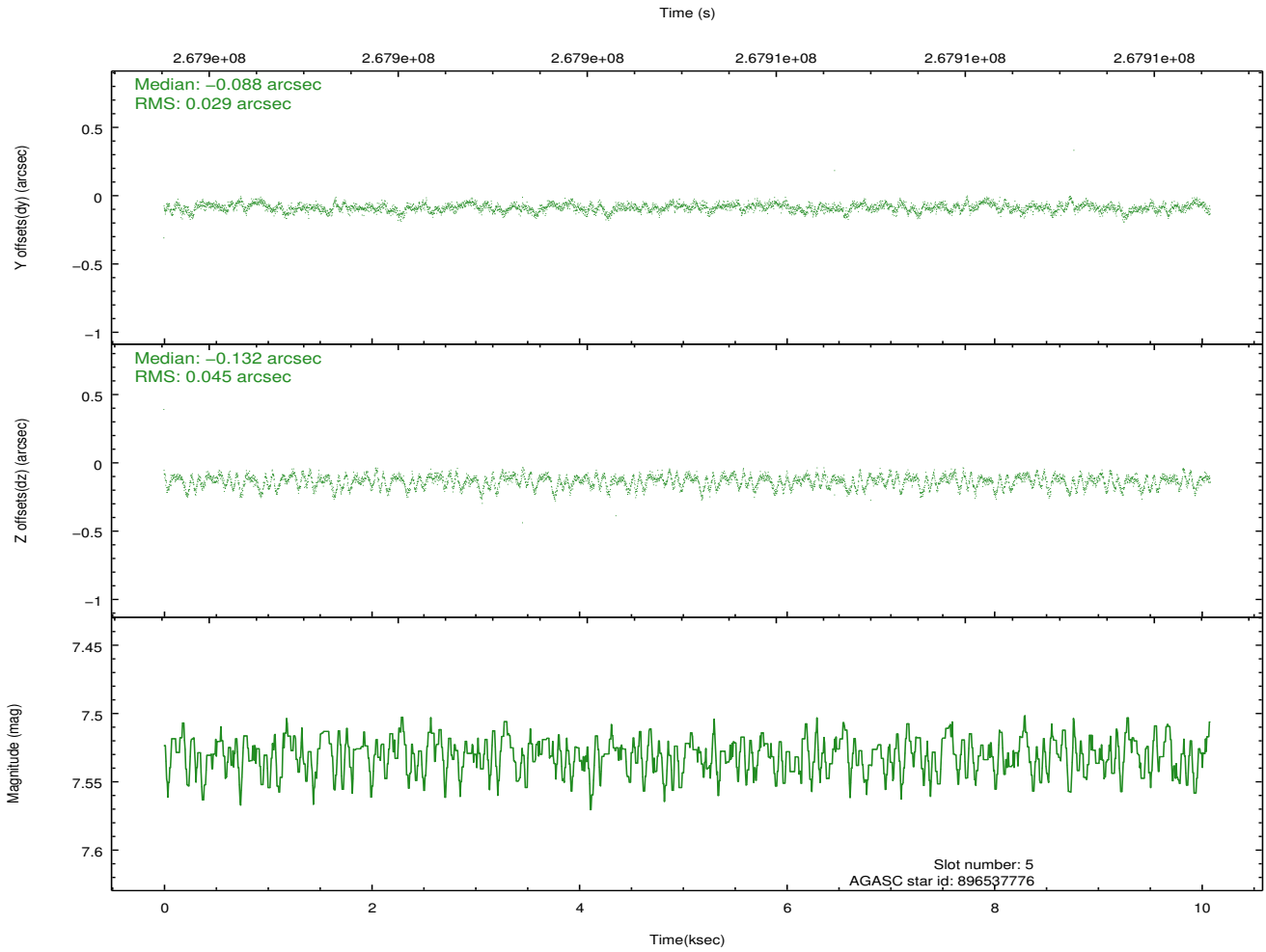
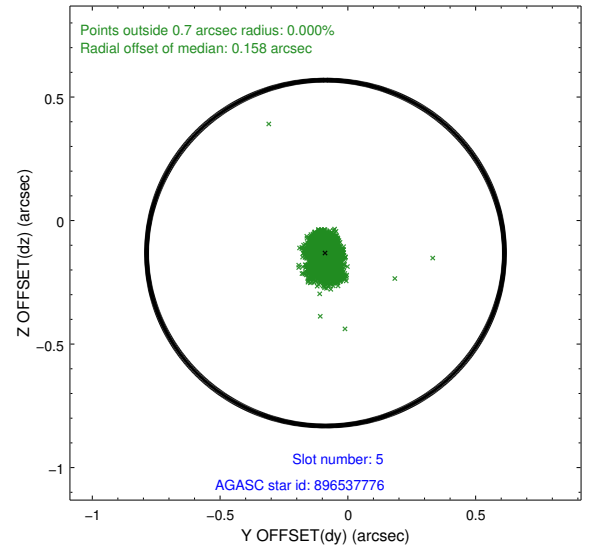
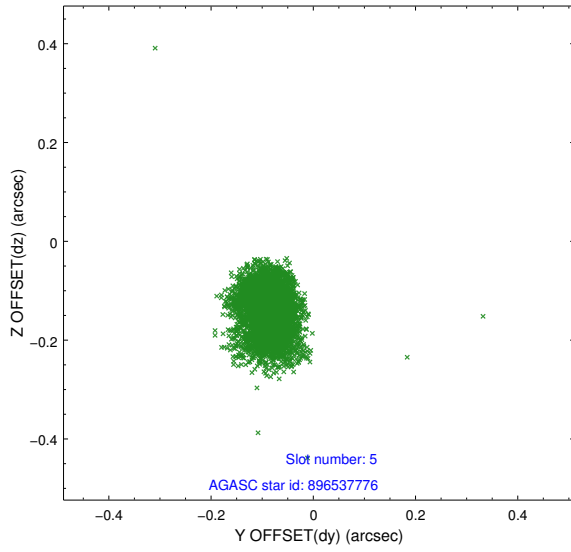
2.4.1 Slot 3



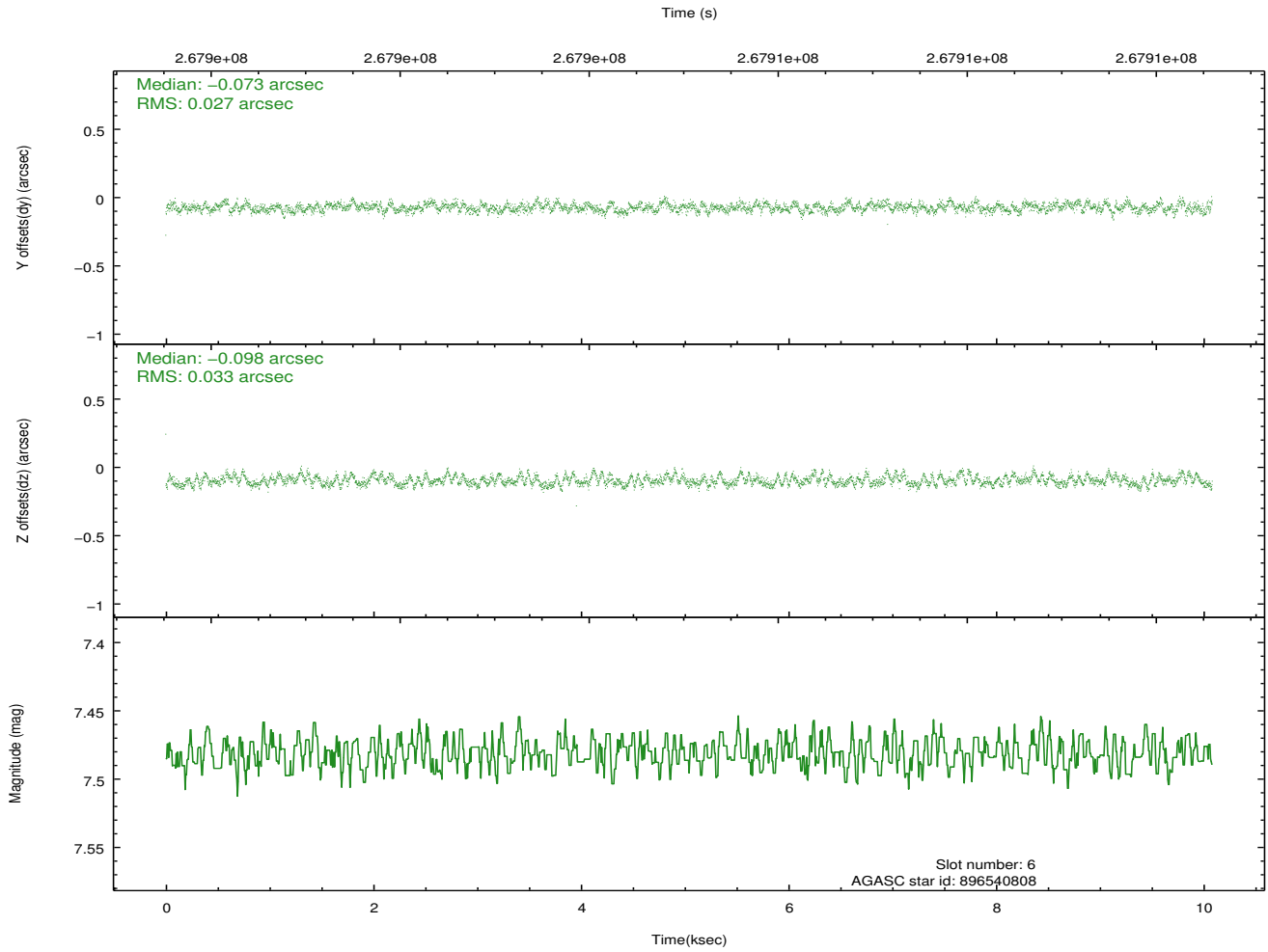
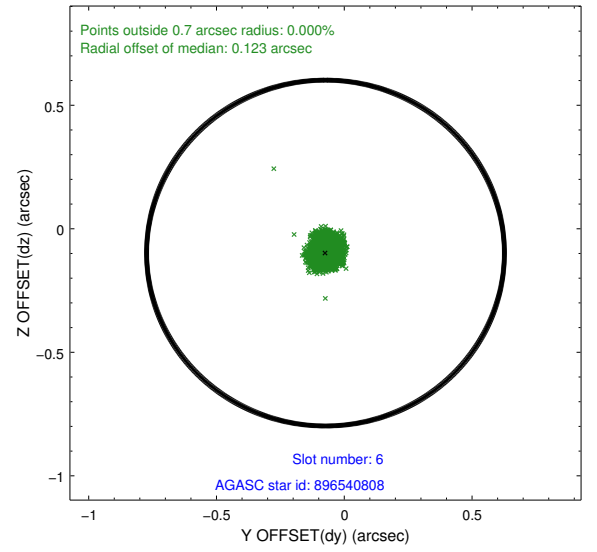
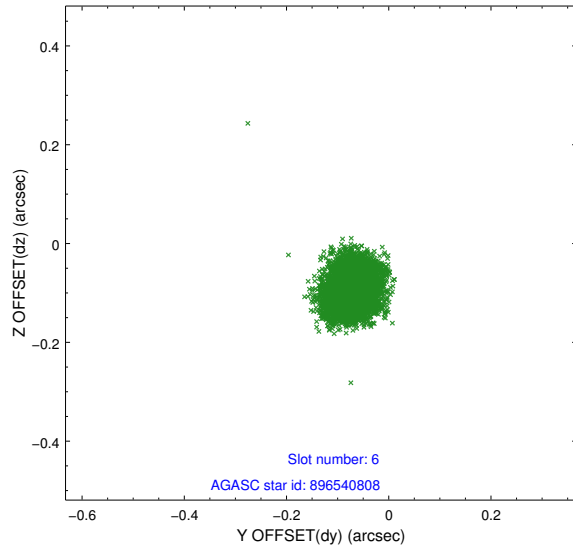
2.4.2 Slot 4



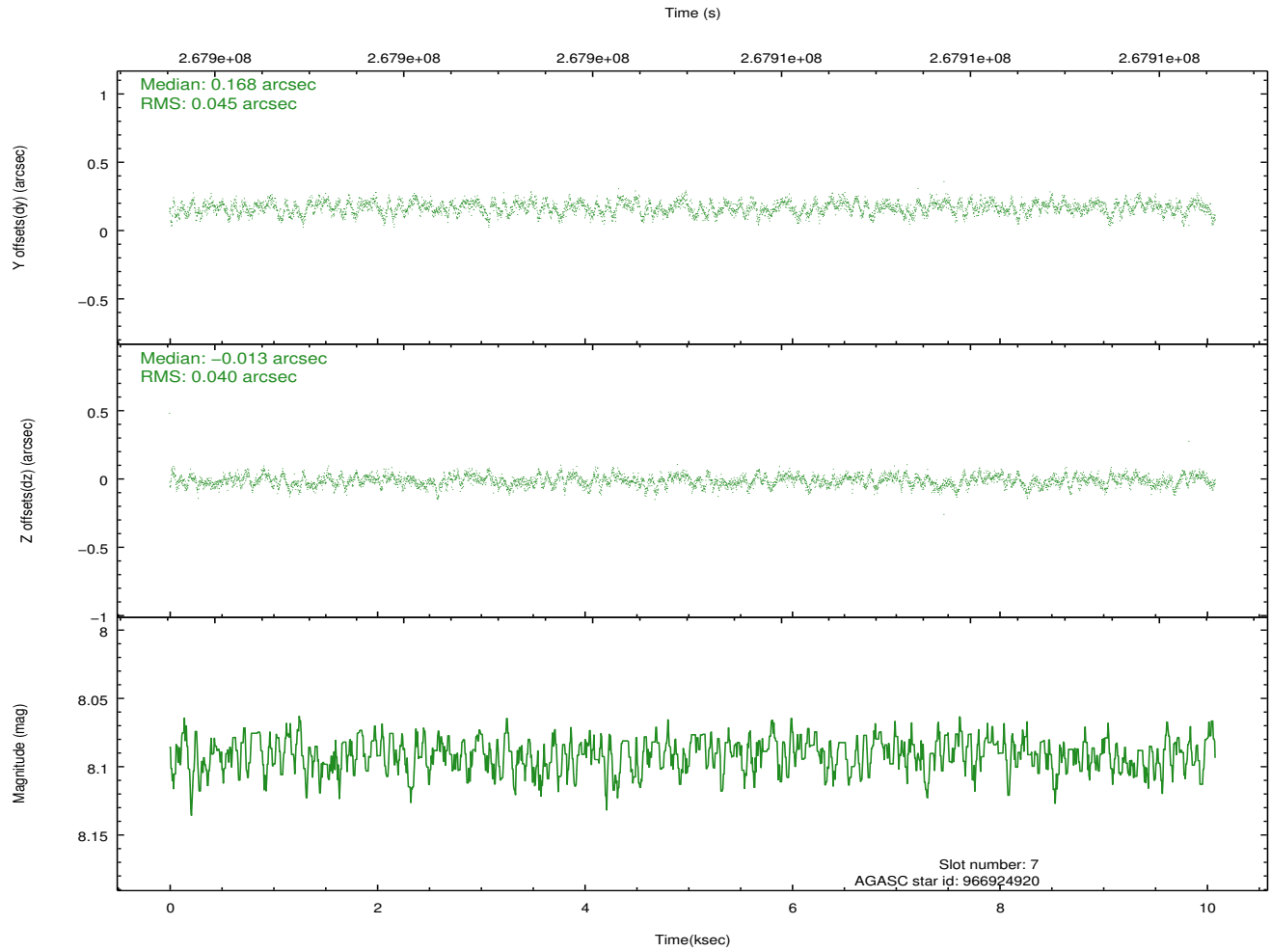
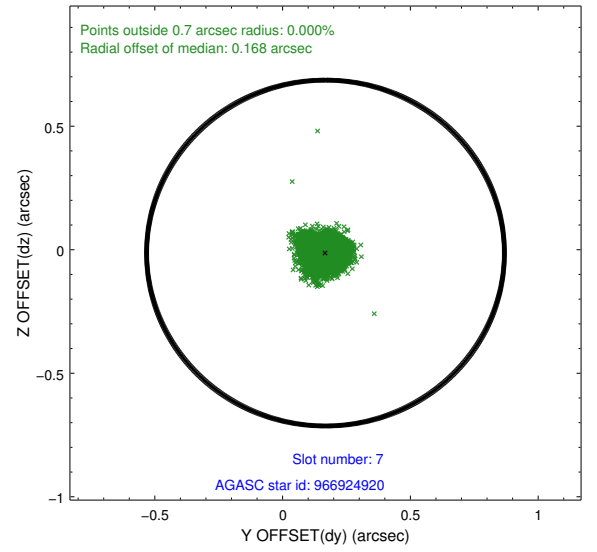
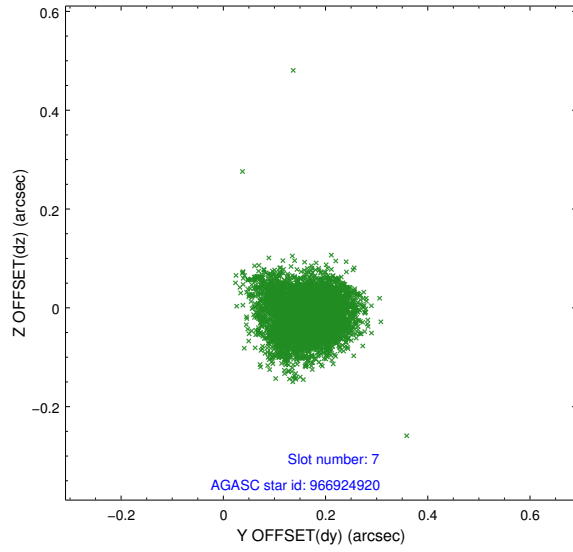
2.4.3 Slot 5



2.4.4 Slot 6

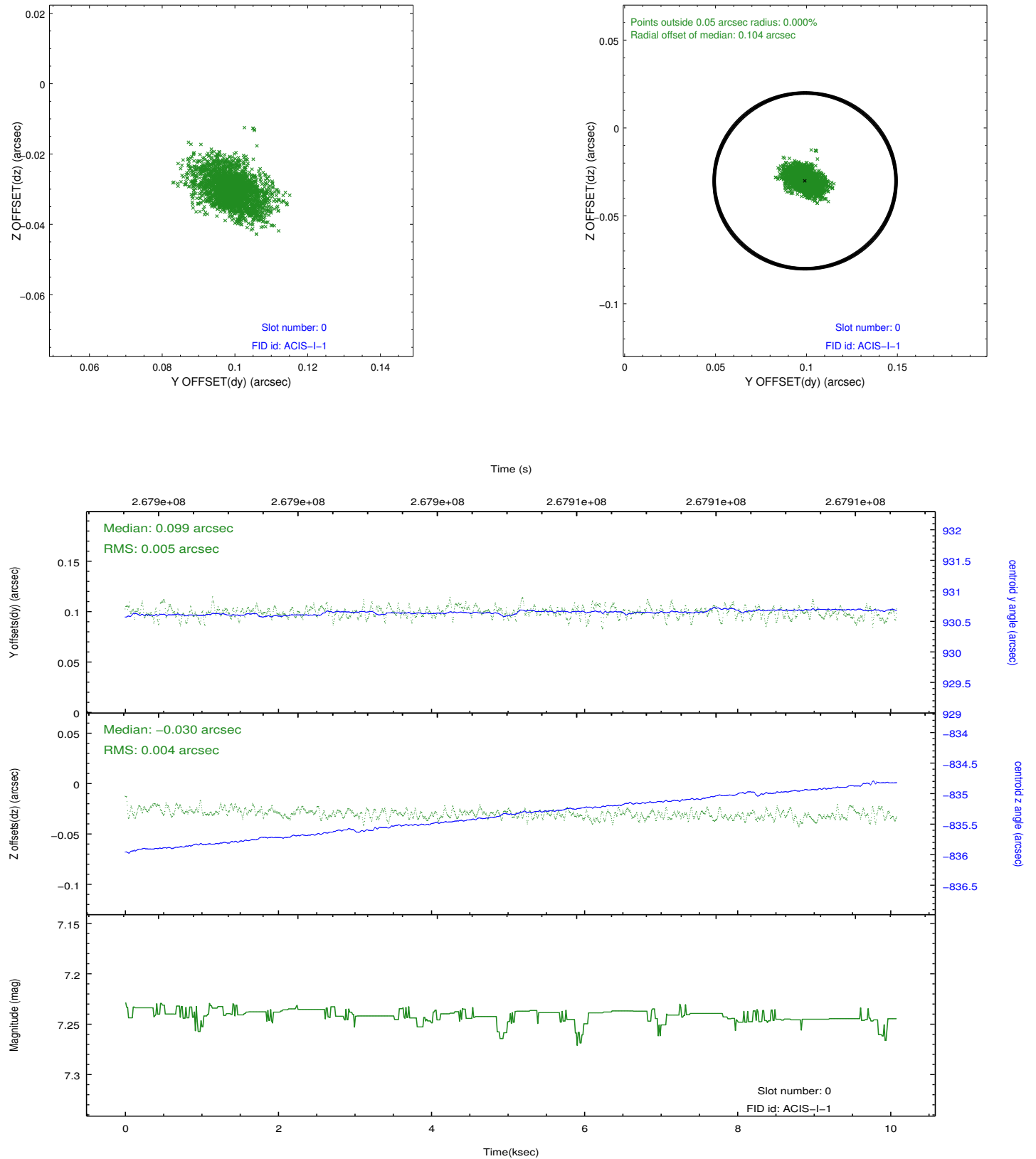


2.4.5 Slot 7

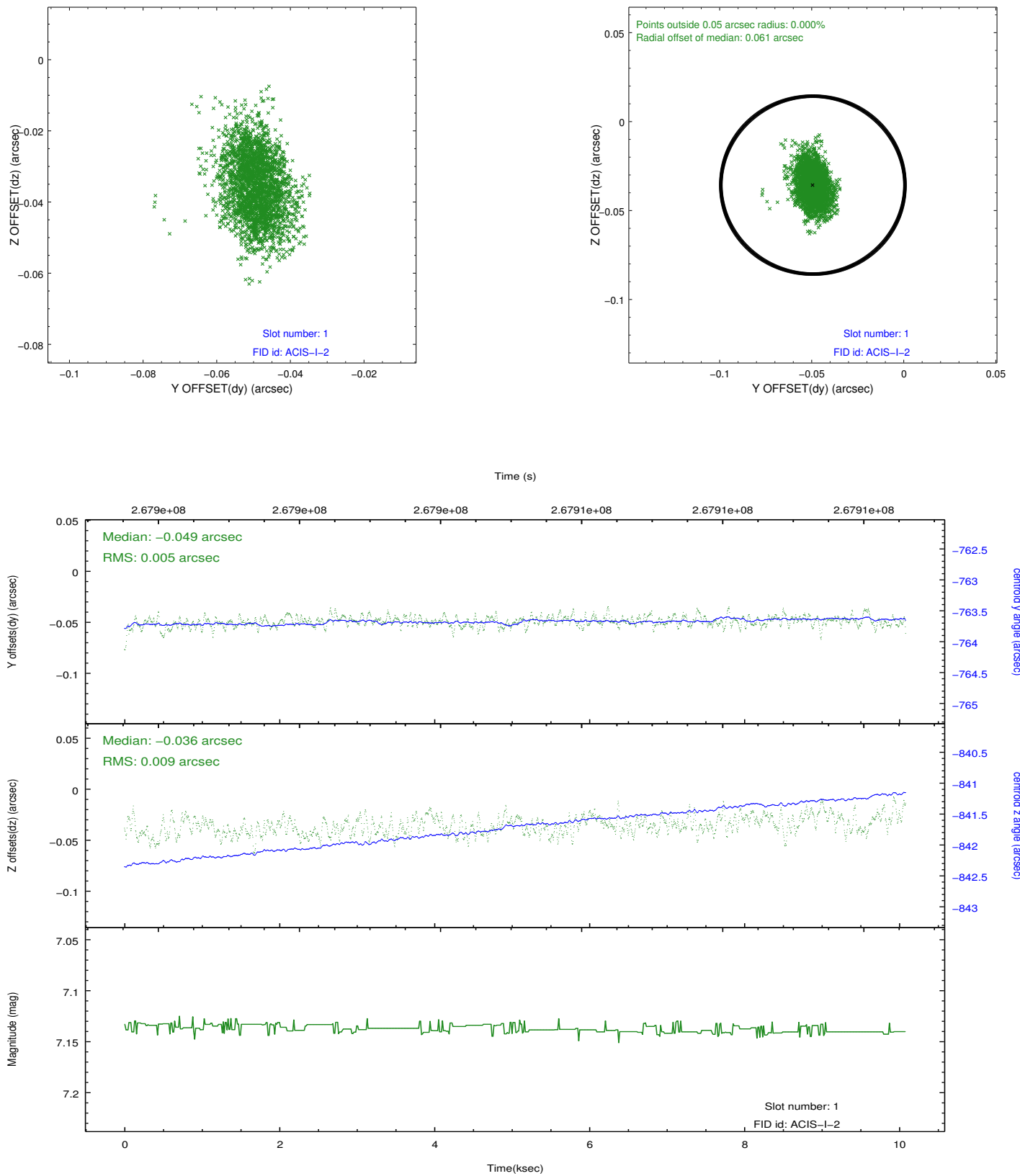


2.5 FID Slots

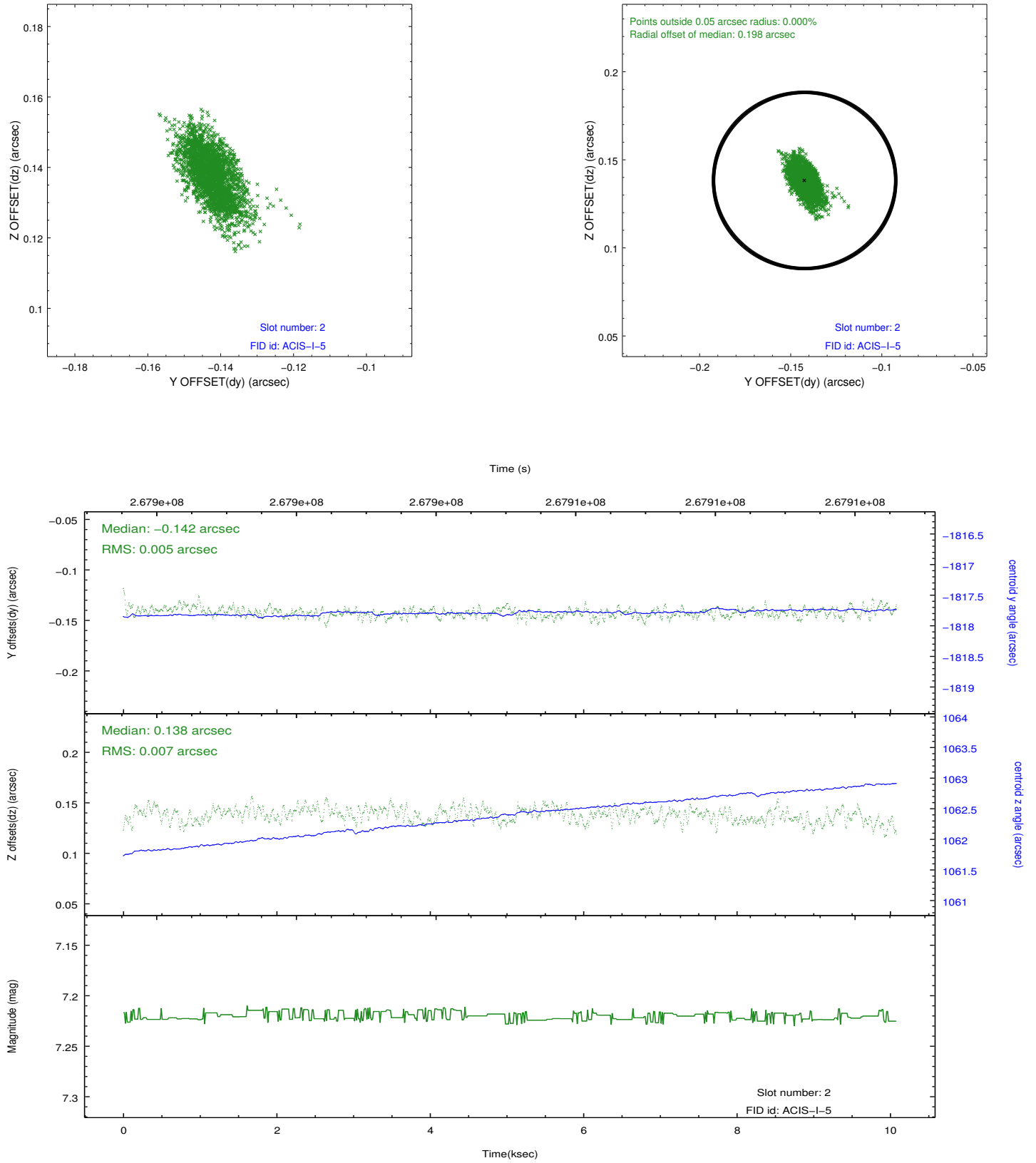
2.5.1 Slot 0



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)	2012.04.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0799999

A.2 Comments