

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 959 - L2 Version 4
Chandra X-Ray Center

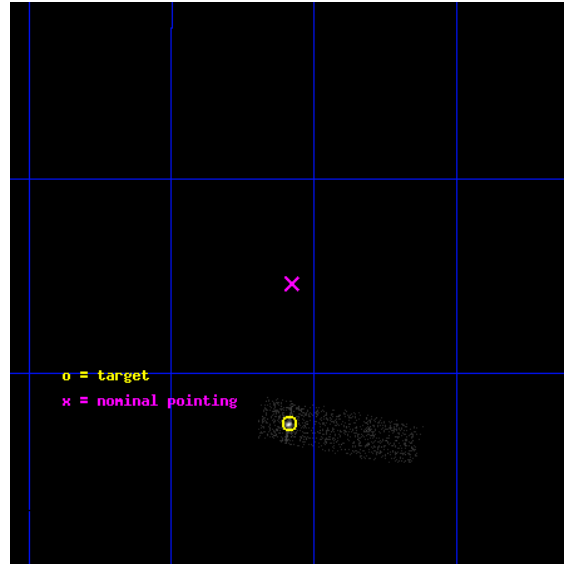
L2 Processing Date : Aug 25 2012

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1 Front

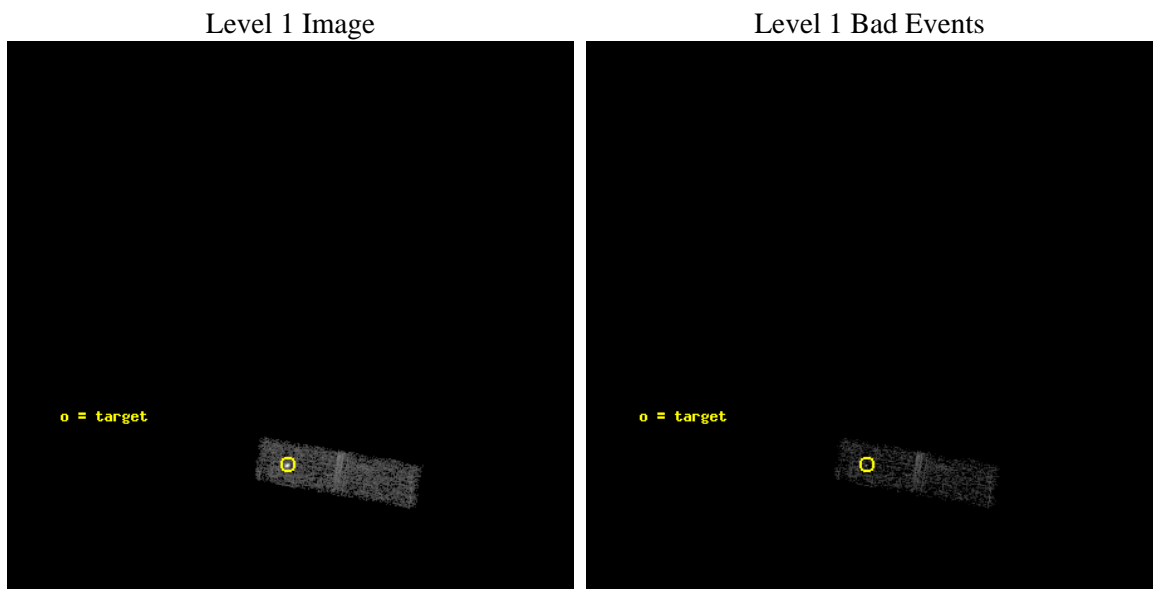
seq_num	300033	Sequence number
obs_id	959	Observation id
title	MULTIWAVELENGTH TOO OBSERVATIONS OF BRIGHT NOVAE IN OUTBURST	Propo
observer	Regents' Professor Sumner Starrfield	Principal investigator
object	V1494 Aql	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	290.772	Observer's specified target RA [deg]
dec_targ	4.956	Observer's specified target Dec [deg]
ra_nom	290.7696551441	Nominal RA [deg]
dec_nom	5.0765999300386	Nominal Dec [deg]
roll_nom	100.21630928832	Nominal Roll [deg]
revision	4	Processing version of data
ontime	5556.758939296	Sum of GTIs [s]
liveltime	5285.6072855474	Livetime [s]
ontime3	5556.758939296	Sum of GTIs [s]
l2events	7218	Number of level 2 events



2 OBI

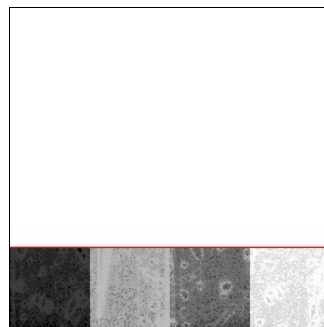
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 3



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5100.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5556.758939296	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime3	5556.758939296	Sum of GTIs [s]
date	2012-08-25T15:29:49	Date and time of file creation	l1events	22089	Number of level 1 events
revision	4	Processing version of data			

2.1.4 Events

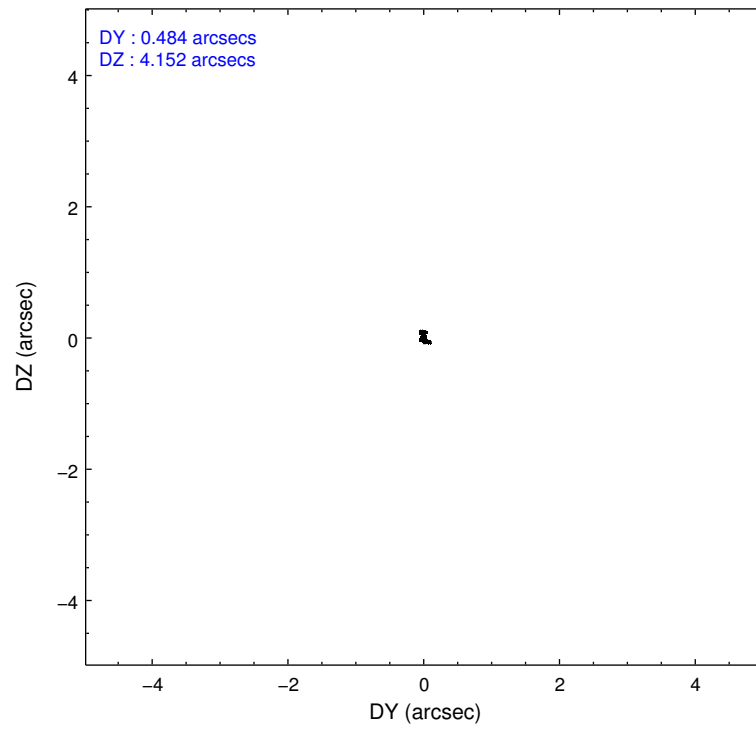
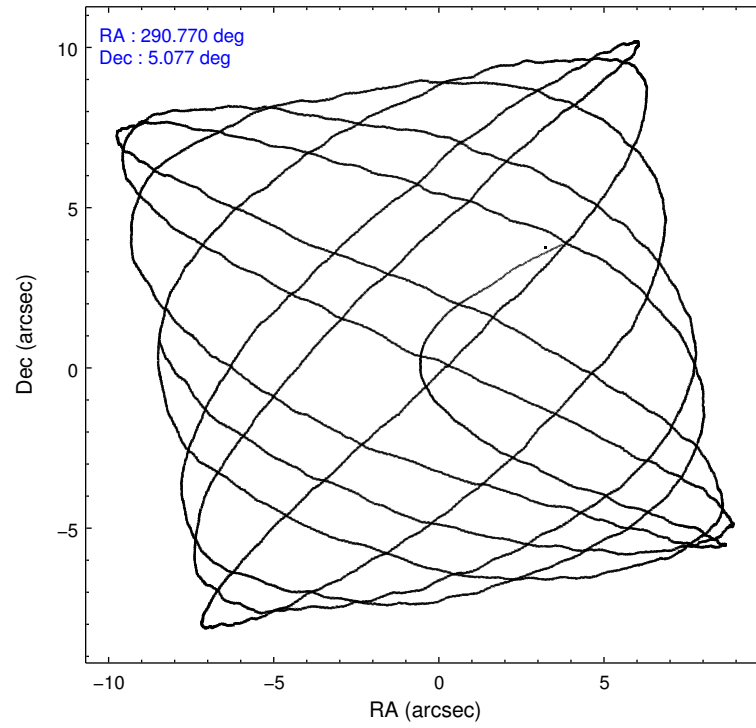
	ccd 3
level 1 events	22089
rejected events	14610
rejected %	66%

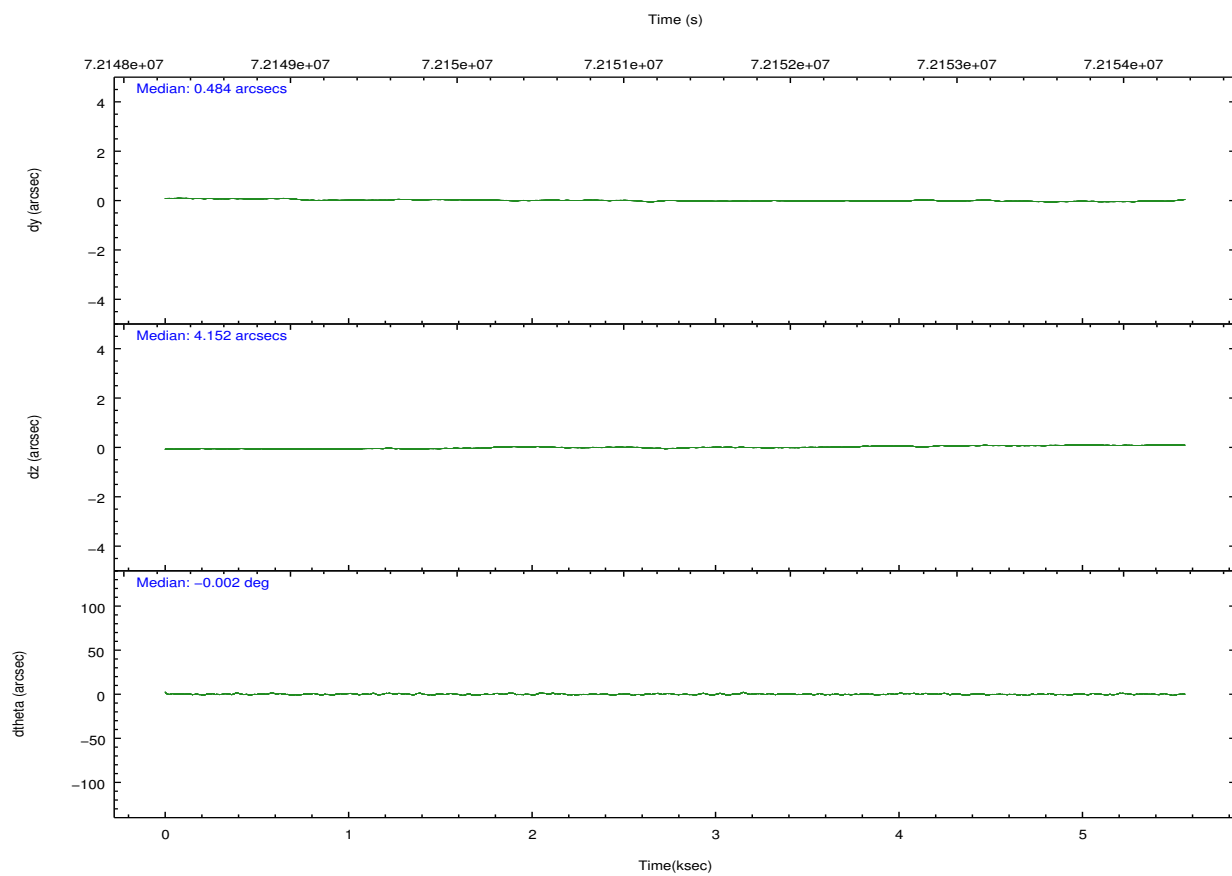
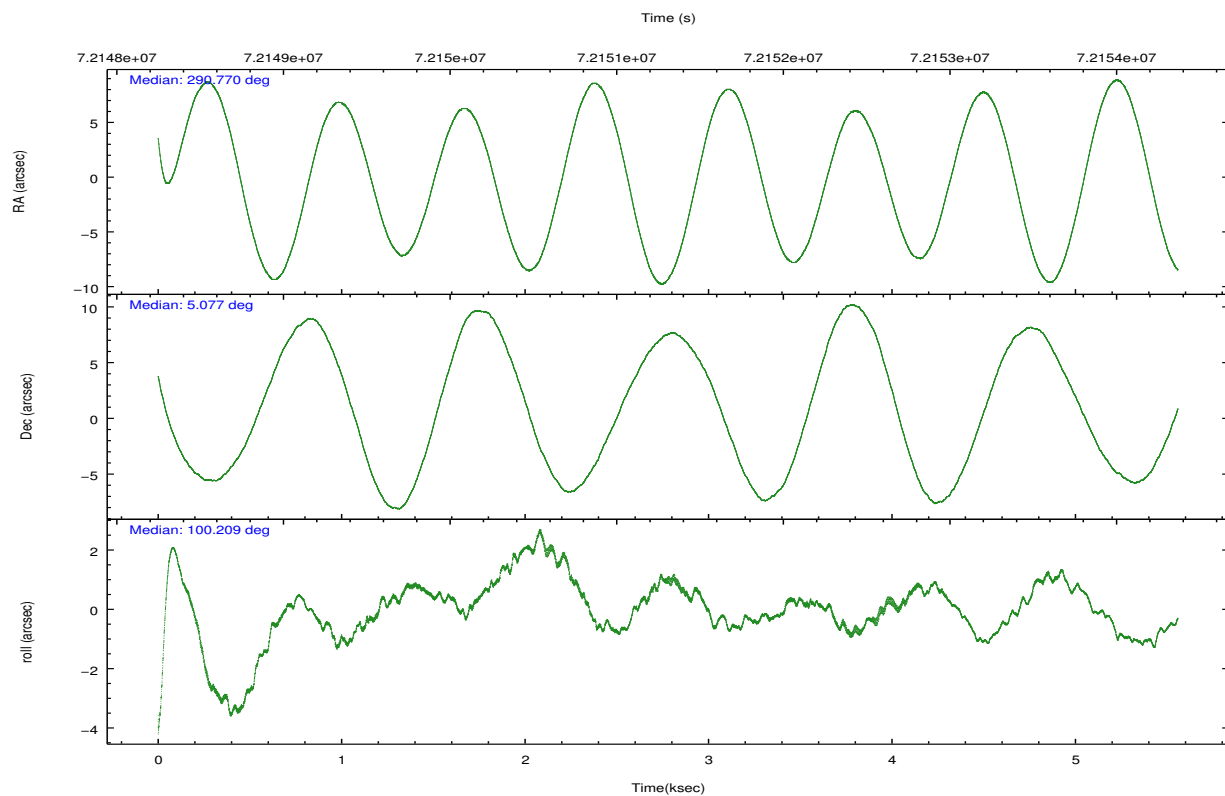
	ccd 3
grade 0 events	5961
	26%
grade 1 events	67
	0%
grade 2 events	738
	3%
grade 3 events	381
	1%
grade 4 events	415
	1%
grade 5 events	367
	1%
grade 6 events	289
	1%
grade 7 events	13871
	62%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-3	ACIS-3	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	290.787337	290.7696551440977	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	5.055502	5.076599930038629	Subarray start row	1	1
[deg] Pointing Roll	100.006075	100.2163092883199	Subarray row count	256	256
[s] Window start time (MET)	71625664.184000	71625664.184000	Alternating exposures requested	N	N
[s] Window stop time (MET)	72748864.184000	72748864.184000	[s] Primary exposure time	0.000000	0.8
[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)	72148986.184000	72147751.12027			
Observation start date	2000-04-15T01:22:02	2000-04-15T01:02:31			
[s] Observation end time (MET)	72154086.184000	72155060.395538			
Observation end date	2000-04-15T02:47:02	2000-04-15T03:04:20			
Read mode	TIMED	TIMED			

2.3 Aspect



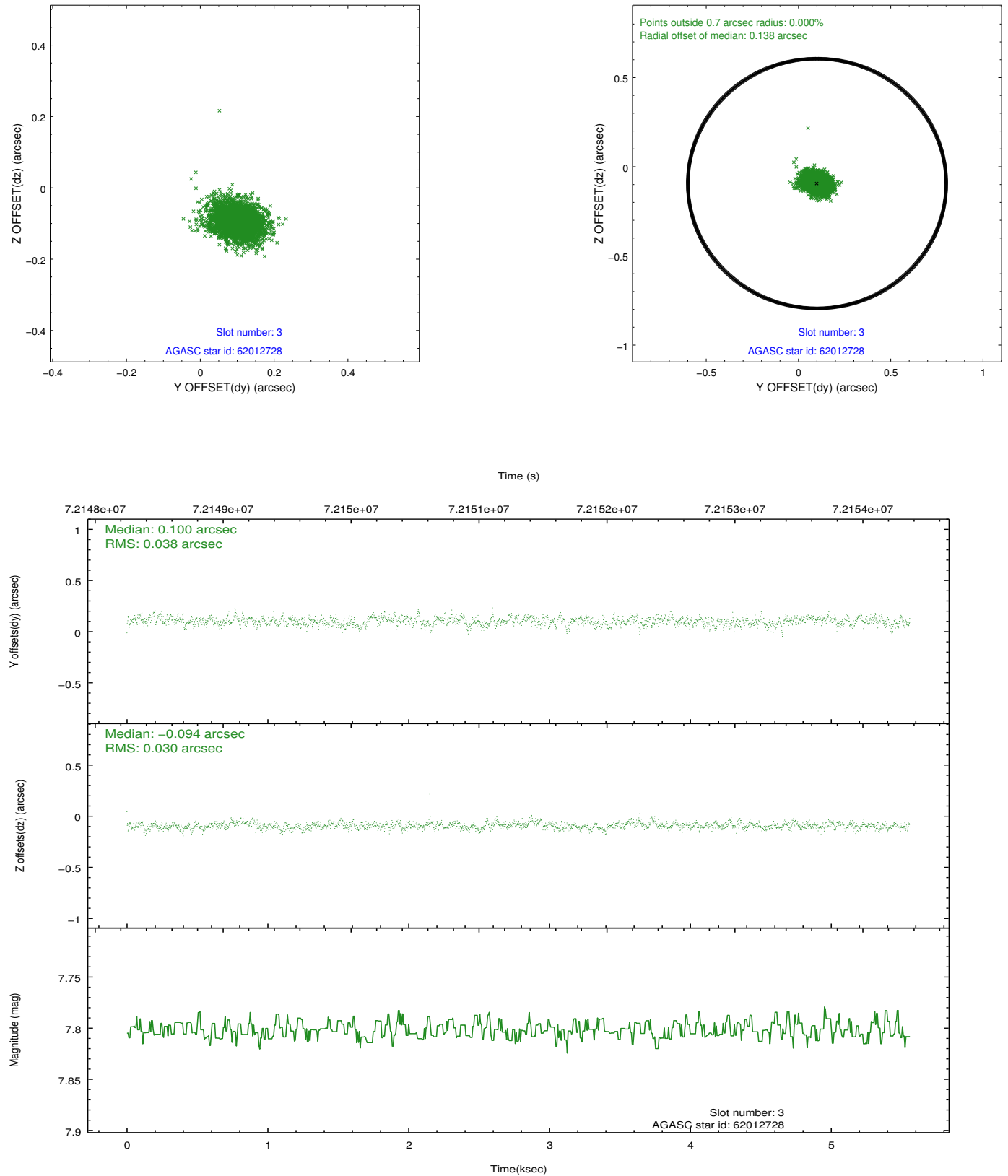


Slot Statistics

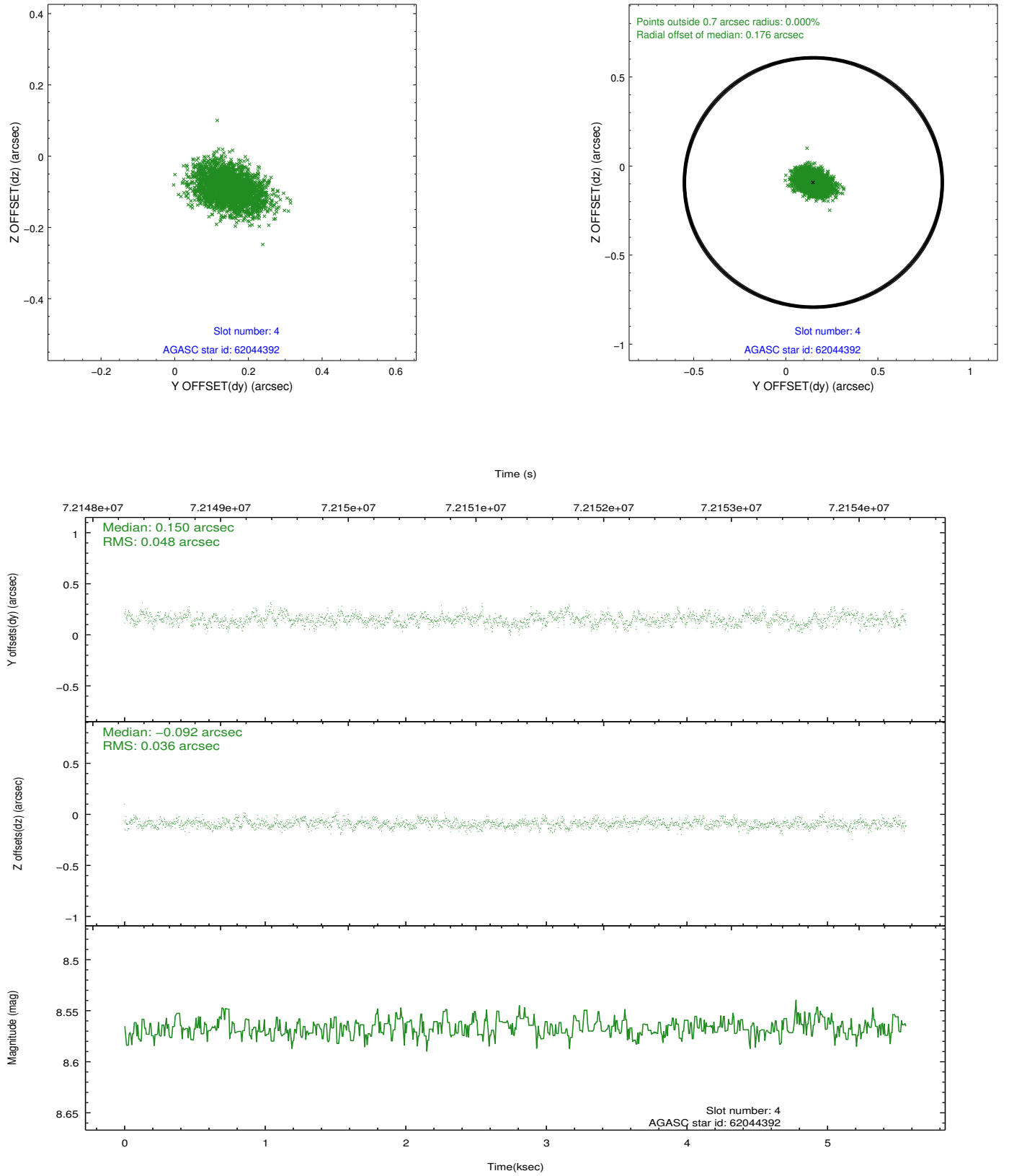
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.15	1354	-0.036	-0.023	0.009	0.014	0.000000	0.000000	-754.84	-833.86
1	FID	ACIS-I-4	7.20	1356	-0.004	0.035	0.005	0.010	0.000000	0.000000	2158.77	1071.83
2	FID	ACIS-I-5	7.23	1356	-0.061	0.056	0.009	0.013	0.000000	0.000000	-1807.29	1070.94
3	GUIDE	62012728	7.80	2713	0.100	-0.094	0.050	0.084	290.627648	4.597491	-1523.99	850.45
4	GUIDE	62044392	8.57	2712	0.150	-0.092	0.063	0.104	290.763860	4.614406	-1549.46	358.82
5	GUIDE	61871112	8.69	2713	0.001	-0.071	0.077	0.123	290.340849	5.123147	517.93	1534.23
6	GUIDE	62038712	9.19	2713	-0.141	0.117	0.079	0.134	291.151100	5.399635	994.30	-1498.52
7	GUIDE	62030584	9.50	2712	-0.108	0.138	0.081	0.134	291.101038	5.359574	883.51	-1297.92

2.4 Star Slots

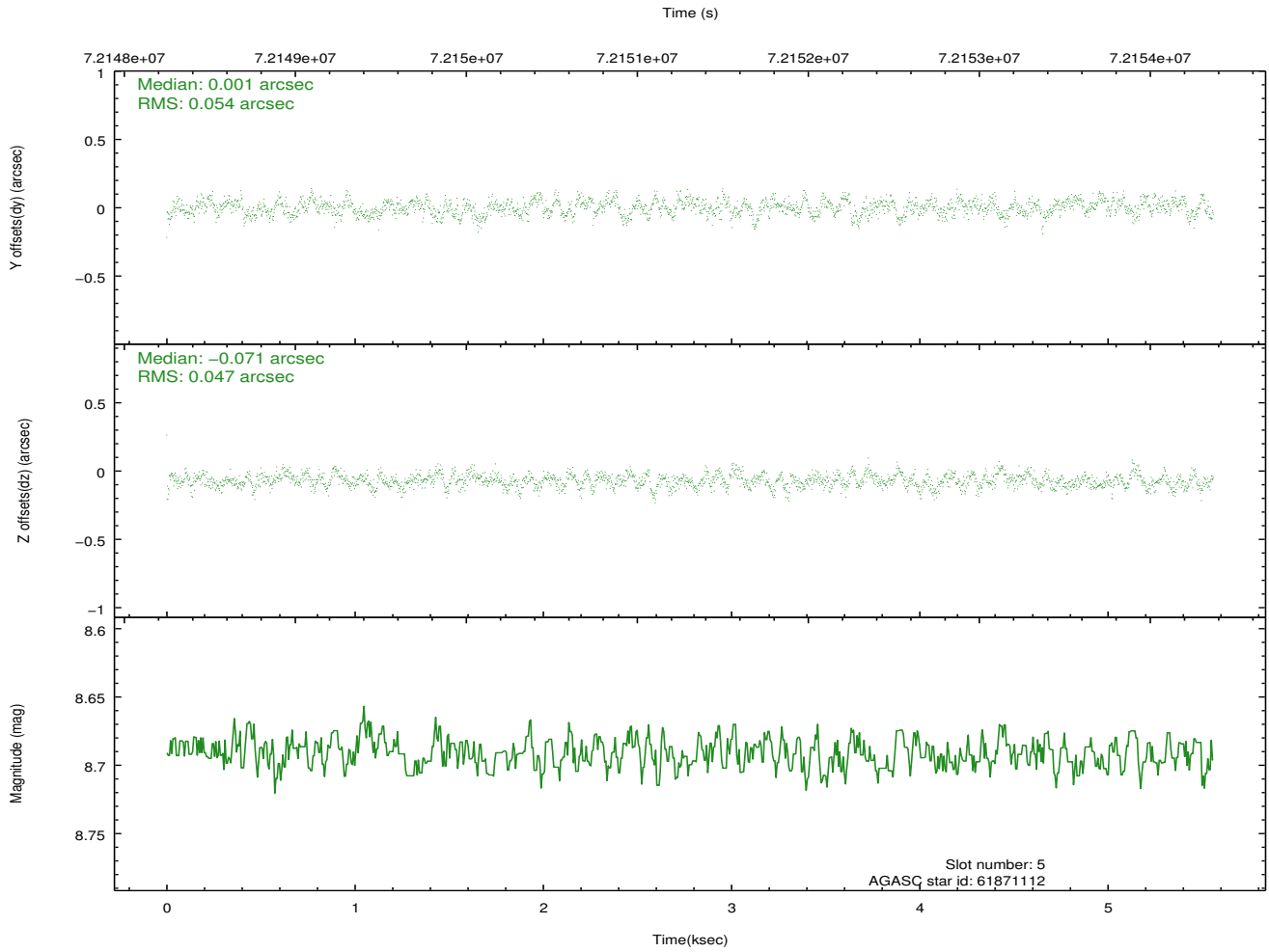
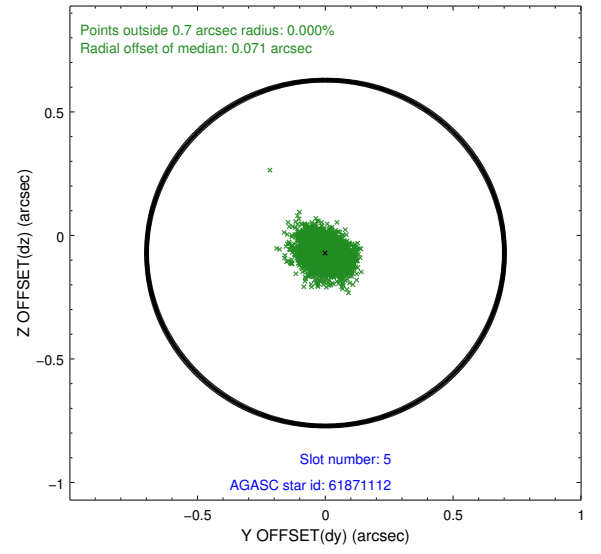
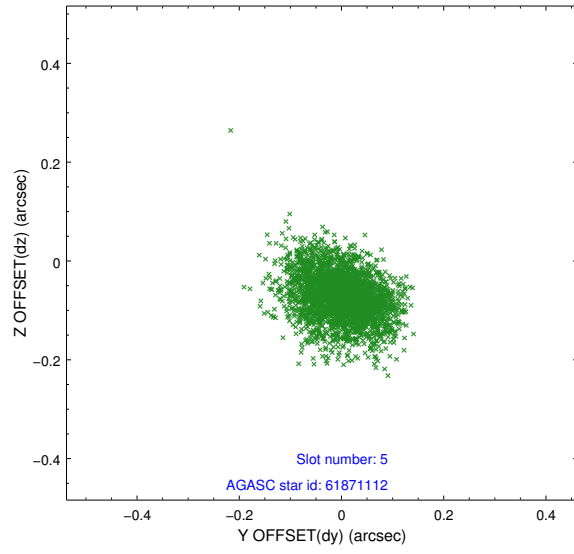
2.4.1 Slot 3



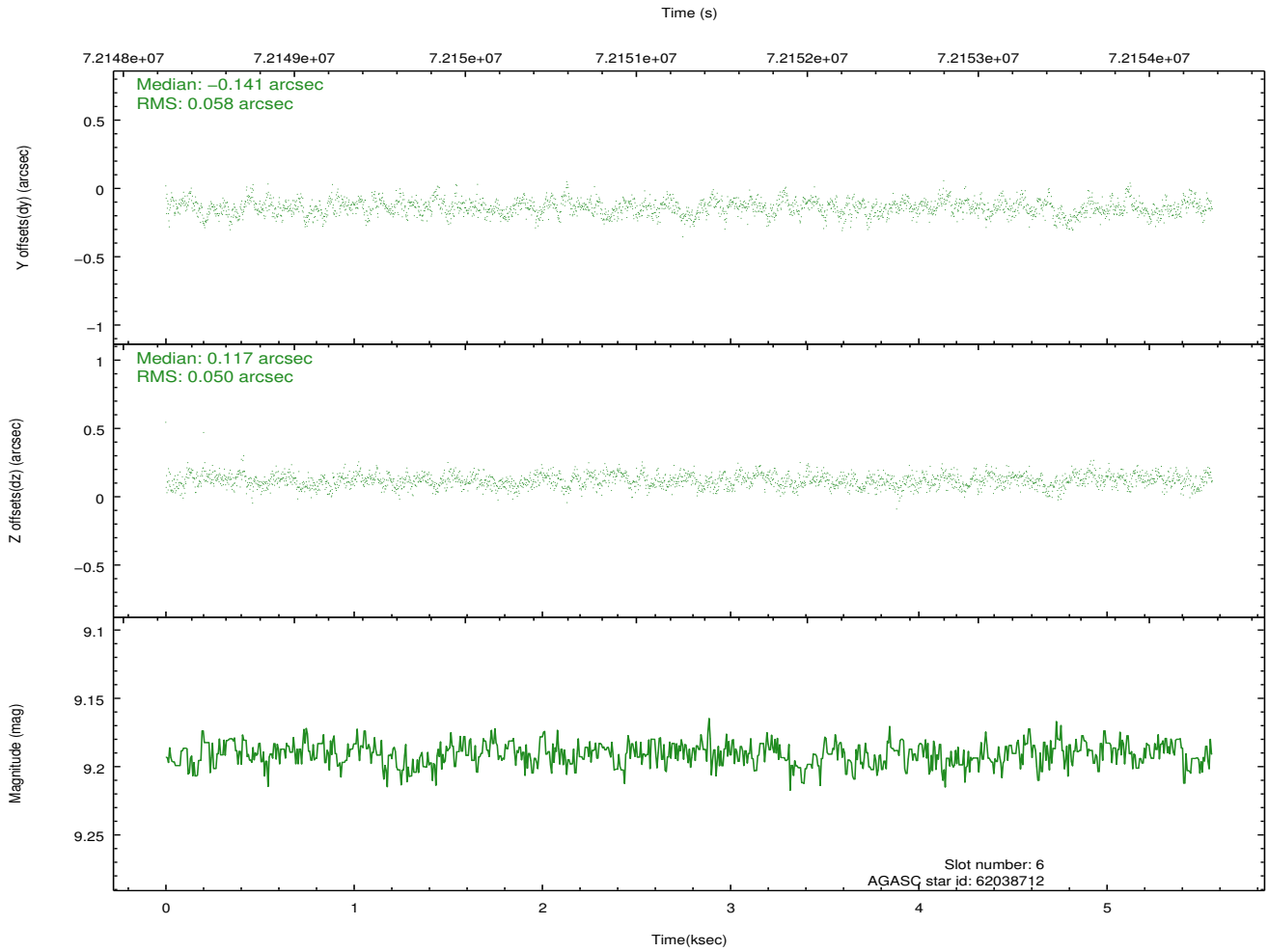
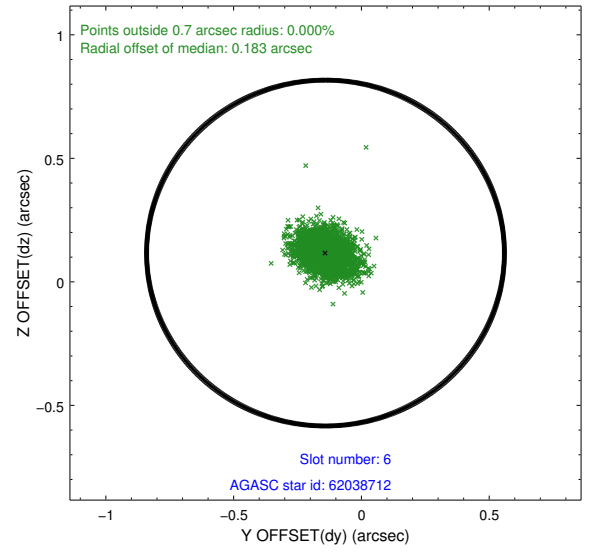
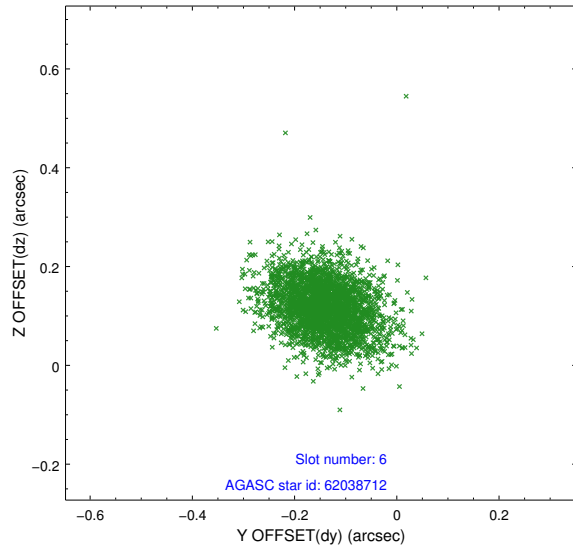
2.4.2 Slot 4



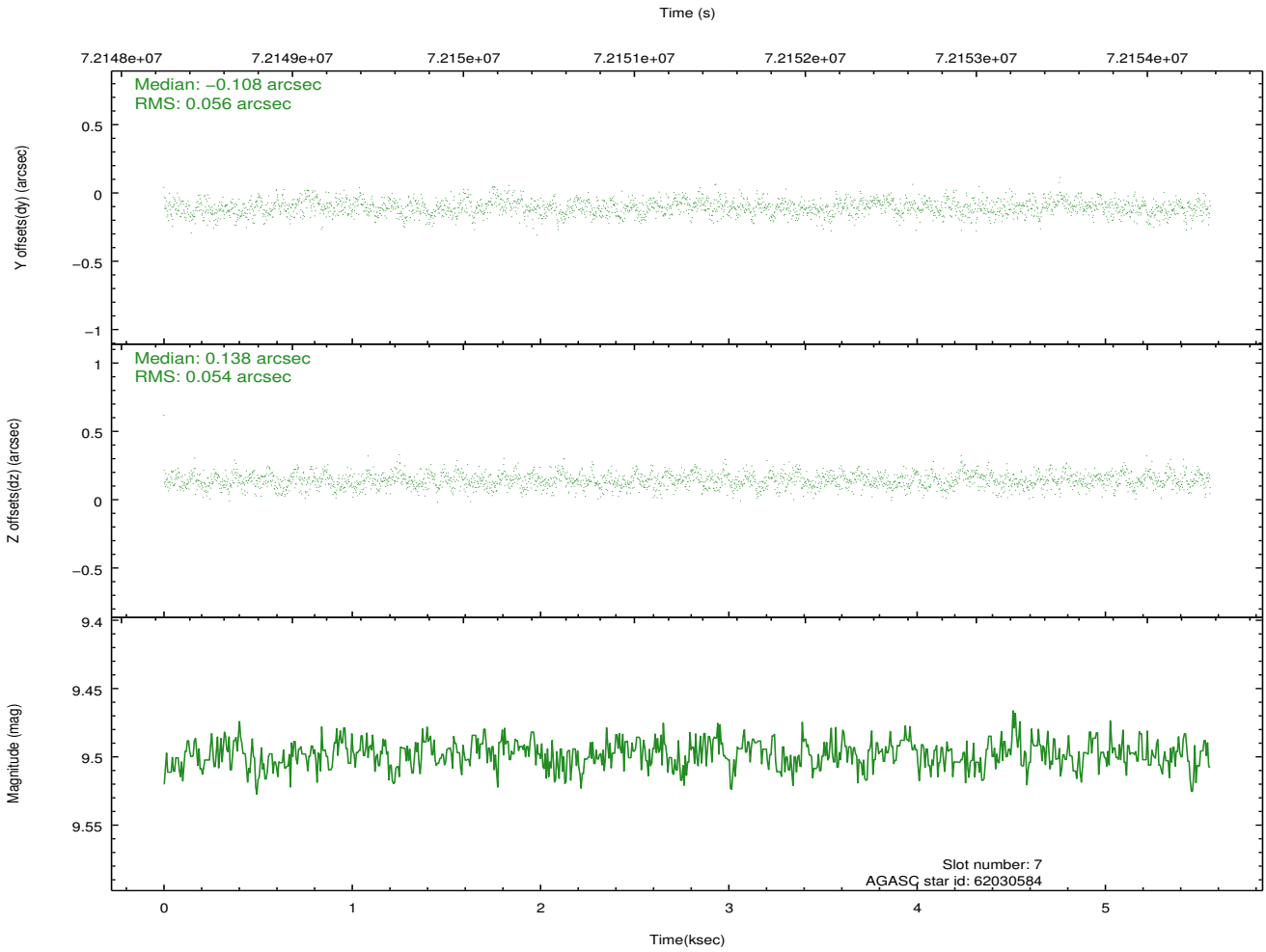
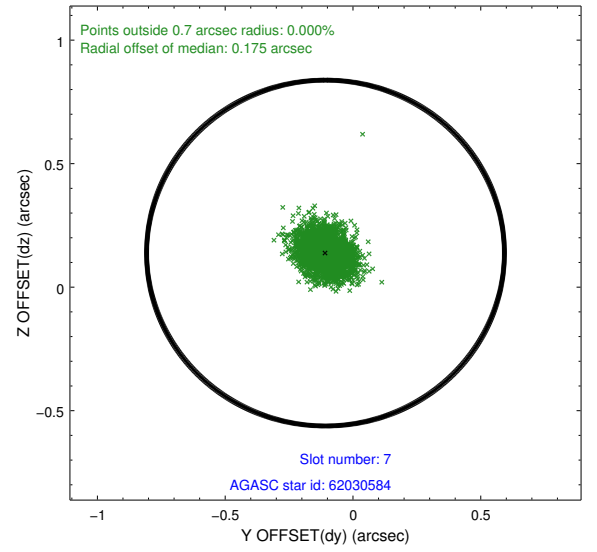
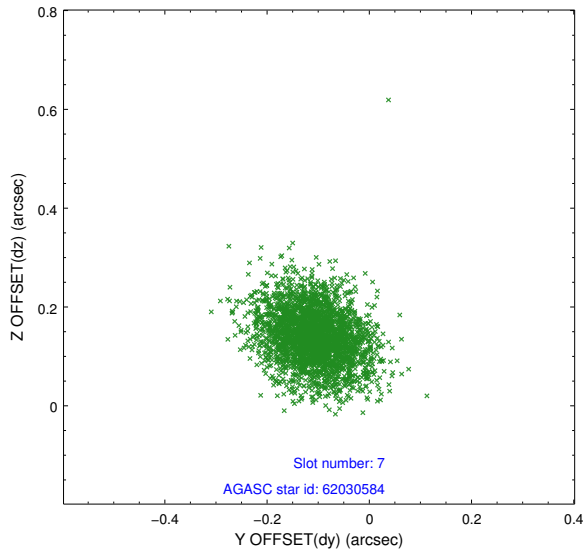
2.4.3 Slot 5



2.4.4 Slot 6

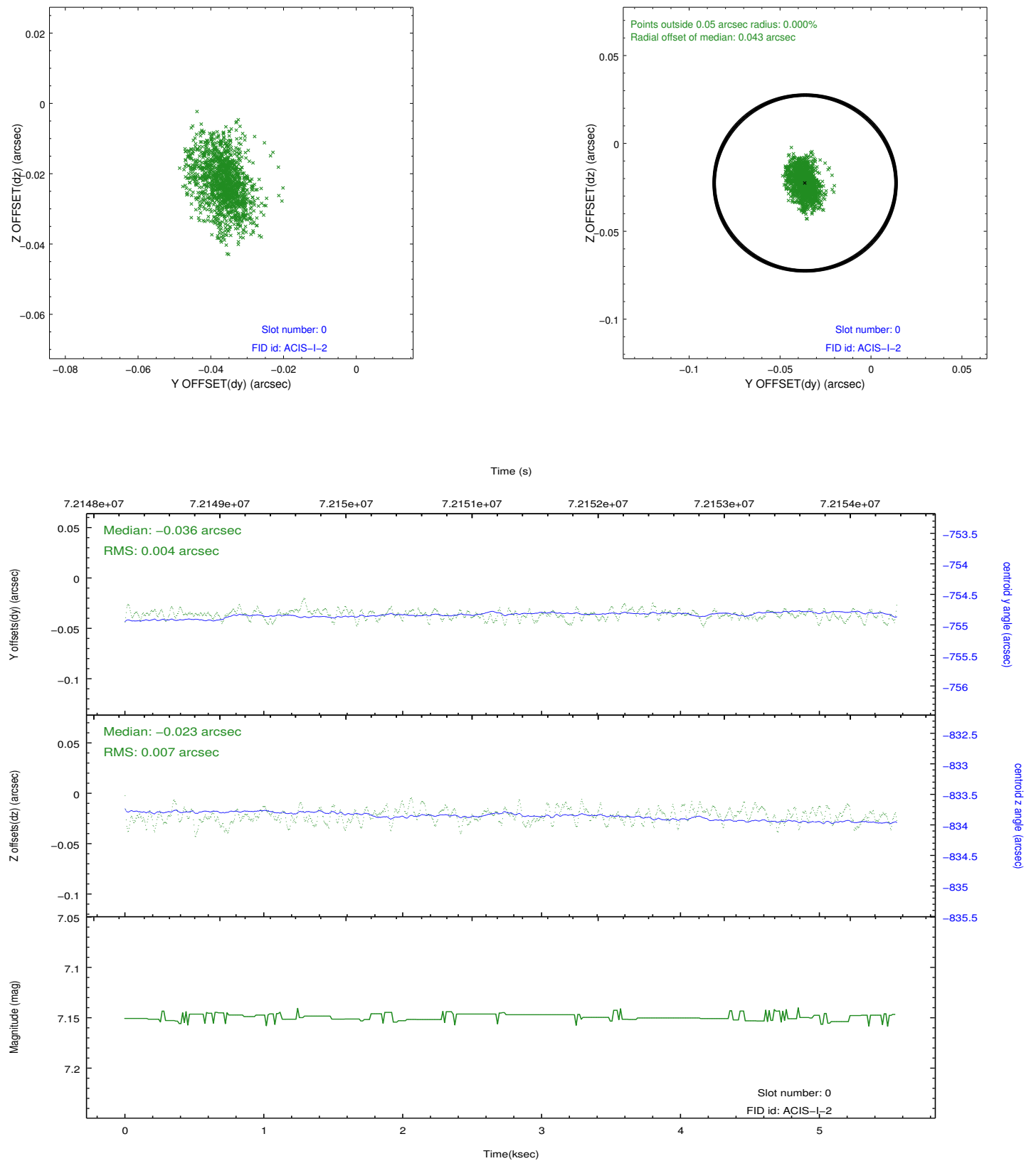


2.4.5 Slot 7

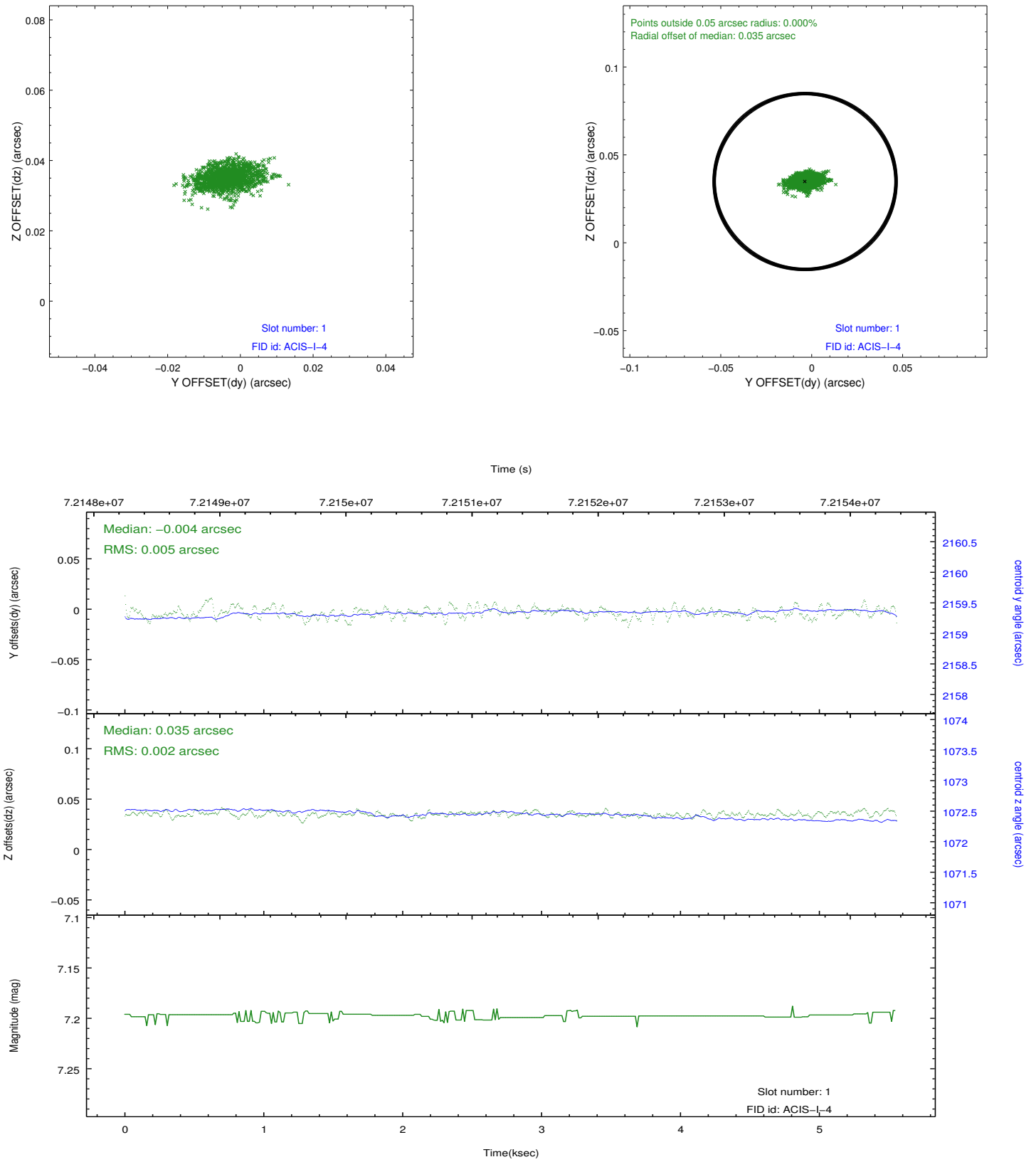


2.5 FID Slots

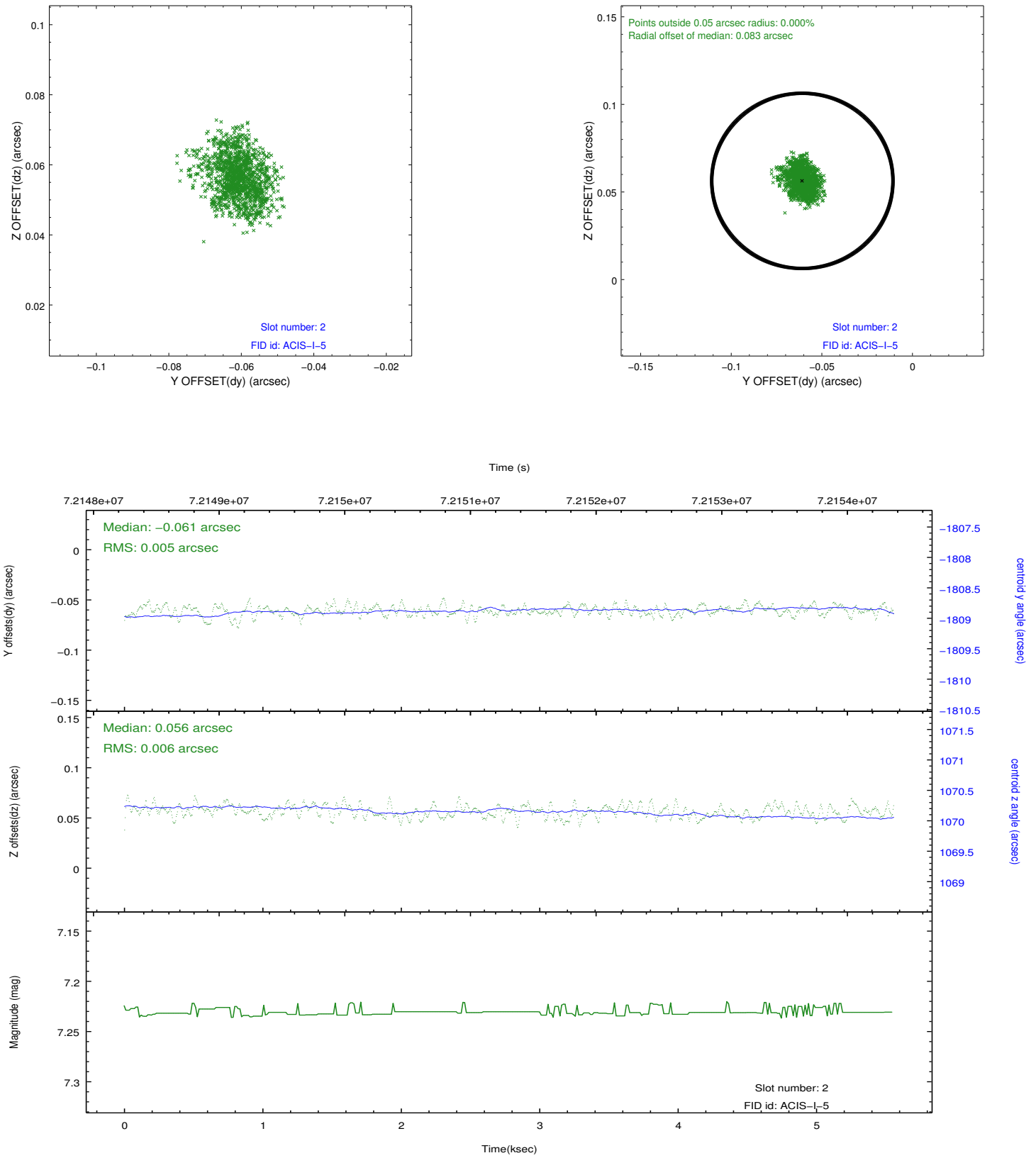
2.5.1 Slot 0



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)	2012.08.28
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.556

A.2 Comments

Window constraint met. Target and chip are away from the aimpoint.