

V&V Reference Report

L2 ASCDS Version : 8.4.3

Observation 5663 - L2 Version 2
Chandra X-Ray Center

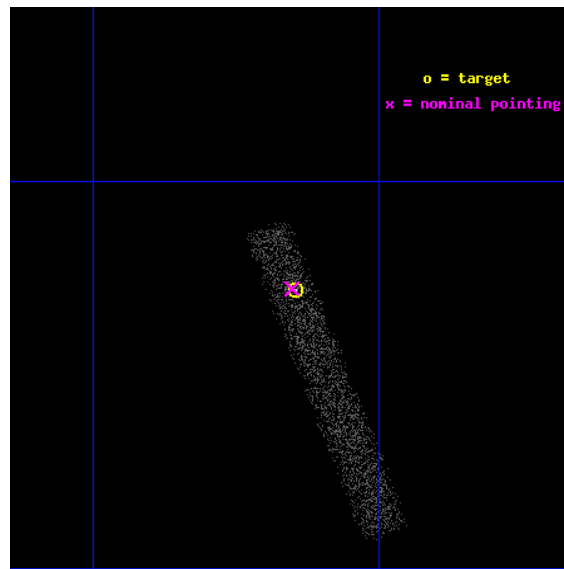
L2 Processing Date : Mar 25 2012

Contents

1	Front	2
2	OBI	3
2.1	OBI	3
2.1.1	Images	3
2.1.2	Bias	3
2.1.3	Parameters	4
2.1.4	Events	4
2.2	Compared Parameters	5
2.3	Aspect	6
2.4	Star Slots	9
2.4.1	Slot 3	9
2.4.2	Slot 4	10
2.4.3	Slot 5	11
2.4.4	Slot 6	12
2.4.5	Slot 7	13
2.5	FID Slots	14
2.5.1	Slot 0	14
2.5.2	Slot 1	15
2.5.3	Slot 2	16
A	Summary	17
A.1	Status	17
A.2	Comments	17

1 Front

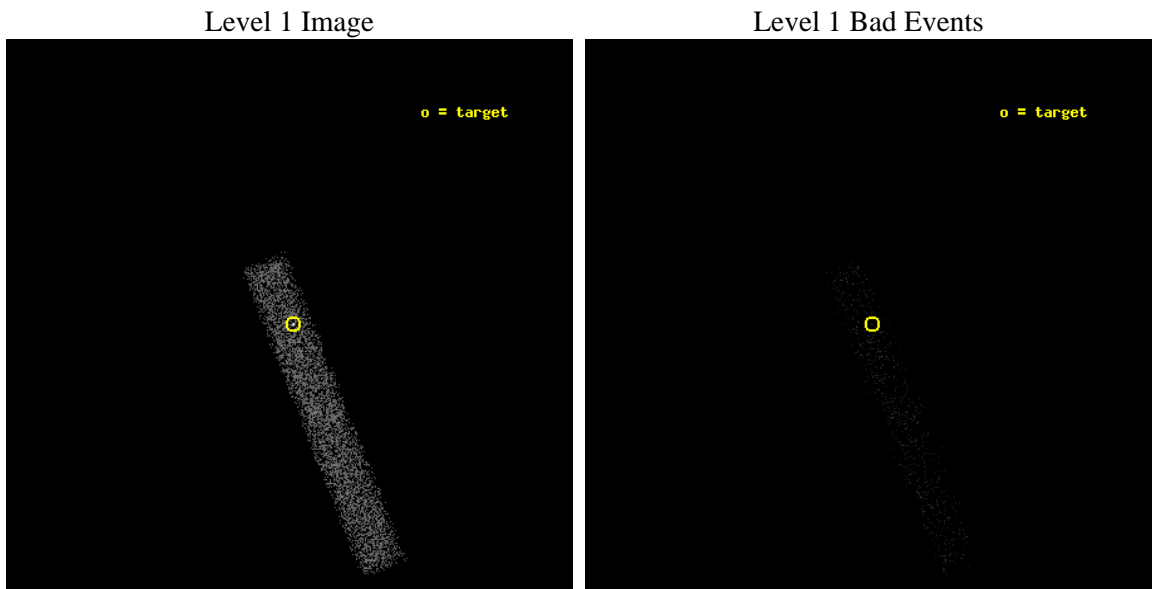
seq_num	701086	Sequence number
obs_id	5663	Observation id
title	X-ray Properties of AGNs with Intermediate-mass Black Holes	Propos
observer	Dr. Luis Ho	Principal investigator
object	SDSS J114008.71+030711.4	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.03625	Observer's specified target RA [deg]
dec_targ	3.119833	Observer's specified target Dec [deg]
ra_nom	175.03817368023	Nominal RA [deg]
dec_nom	3.1203965539659	Nominal Dec [deg]
roll_nom	68.154629666589	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5032.0000749528	Sum of GTIs [s]
livetime	4563.75845724	Livetime [s]
ontime7	5032.0000749528	Sum of GTIs [s]
l2events	3891	Number of level 2 events



2 OBI

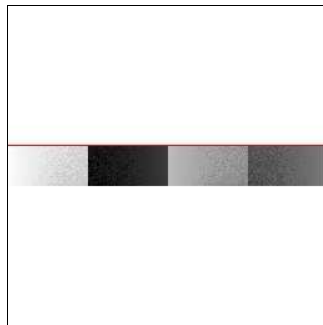
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.3	Processing system revision	ontime	5032.0000749528	Sum of GTIs [s]
caldsver	4.4.8	 	ontime7	5032.0000749528	Sum of GTIs [s]
date	2012-03-25T15:15:47	Date and time of file creation	l1events	8105	Number of level 1 events
revision	2	Processing version of data			

2.1.4 Events

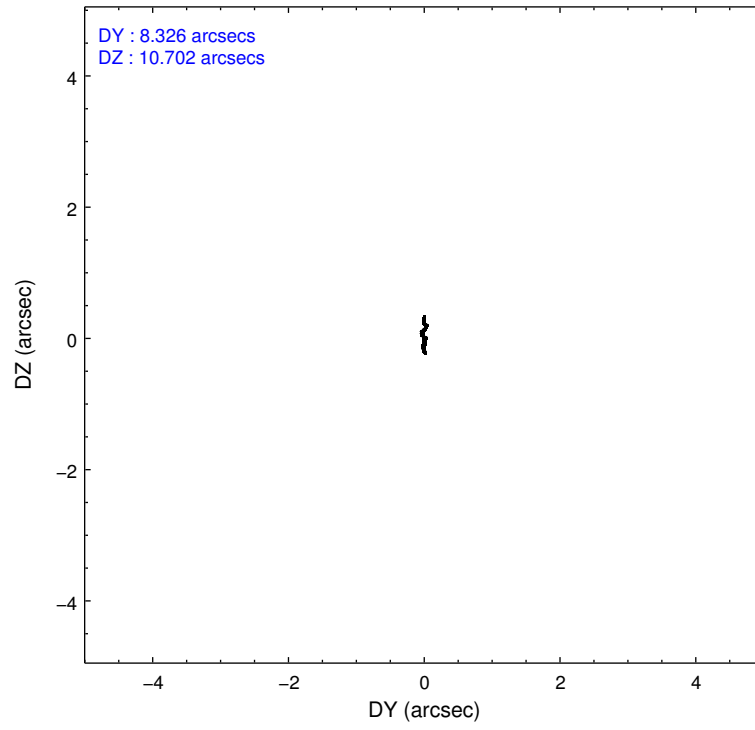
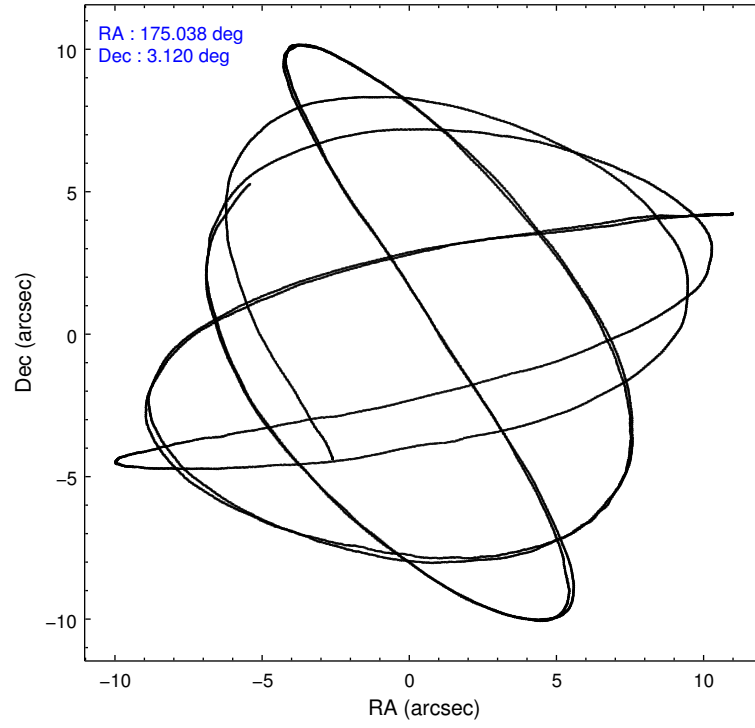
	ccd 7
level 1 events	8105
rejected events	4062
rejected %	50%

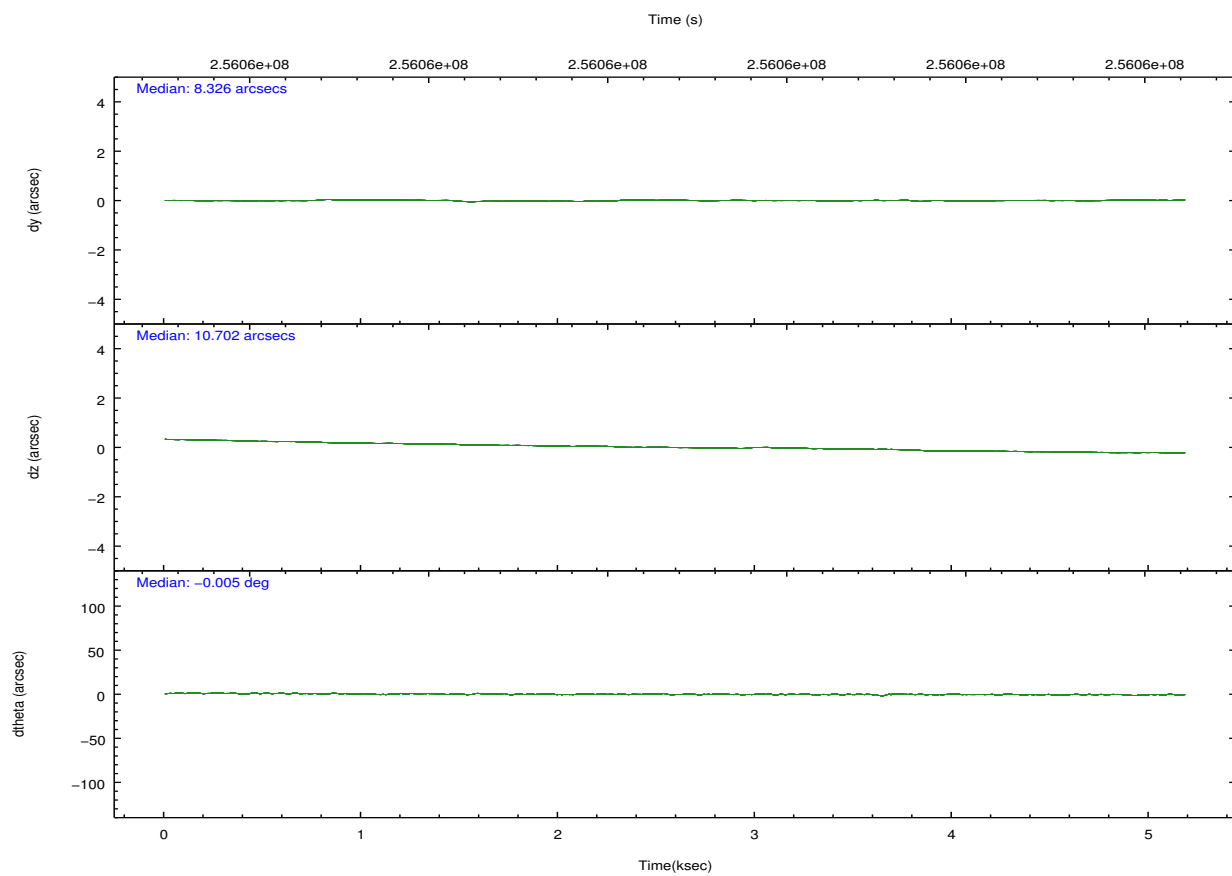
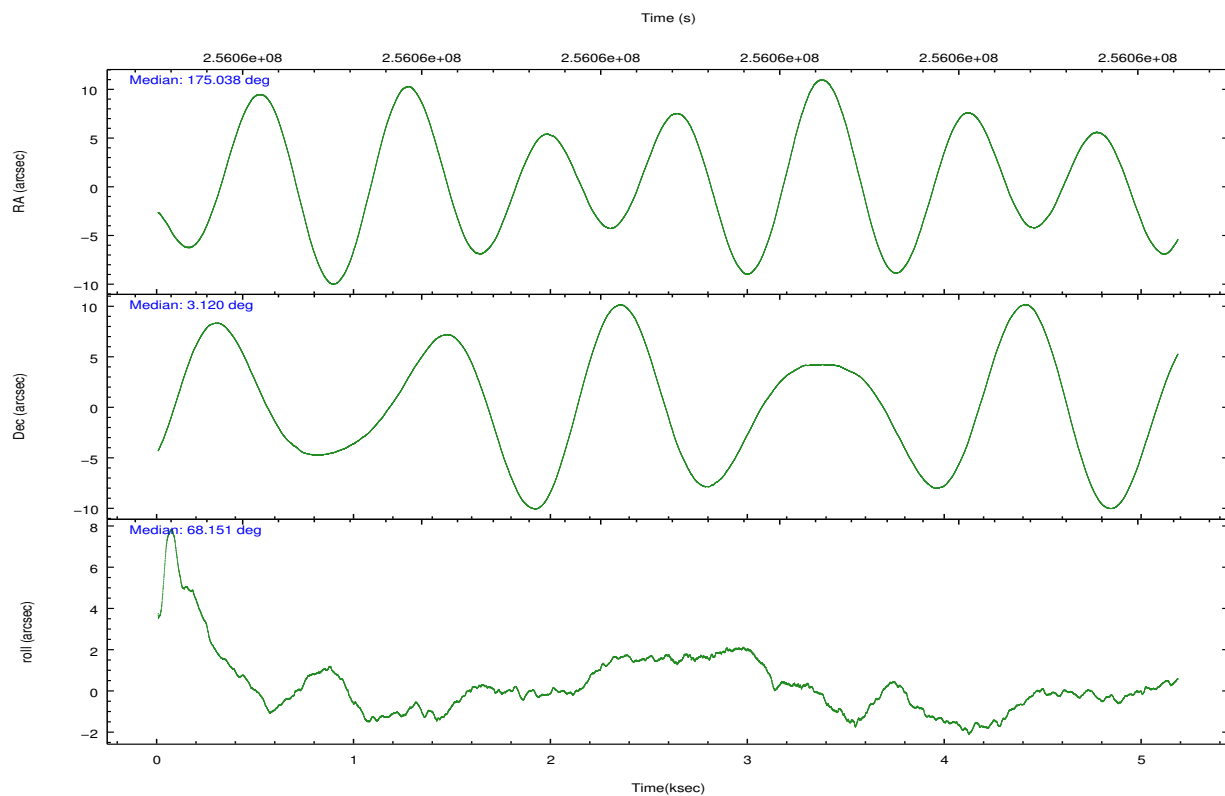
	ccd 7
grade 0 events	565
	6%
grade 1 events	12
	0%
grade 2 events	801
	9%
grade 3 events	545
	6%
grade 4 events	475
	5%
grade 5 events	685
	8%
grade 6 events	1657
	20%
grade 7 events	3365
	41%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-7	ACIS-7	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	175.042501	175.0381736802321	Subarray requested	CUSTOM	1/8
[deg] Pointing Dec	3.093462	3.120396553965874	Subarray start row	449	449
[deg] Pointing Roll	67.997756	68.1546296665888	Subarray row count	128	128
[mm] SIM focus pos	-0.684267	-0.6828225247311905	Alternating exposures requested	N	N
[mm] SIM defocus	0	0.001444936568705701	[s] Primary exposure time	0.000000	0.4
[mm] SIM translation stage pos	-190.132523	-190.1400660498719			
[mm] SIM translation stage offset	0	0.00754346686406393			
[s] Observation start time (MET)	256058971.184000	256058423.82026			
Observation start date	2006-02-11T15:28:26	2006-02-11T15:20:23			
[s] Observation end time (MET)	256063971.184000	256064908.48306			
Observation end date	2006-02-11T16:51:46	2006-02-11T17:08:28			
Read mode	TIMED	TIMED			

2.3 Aspect



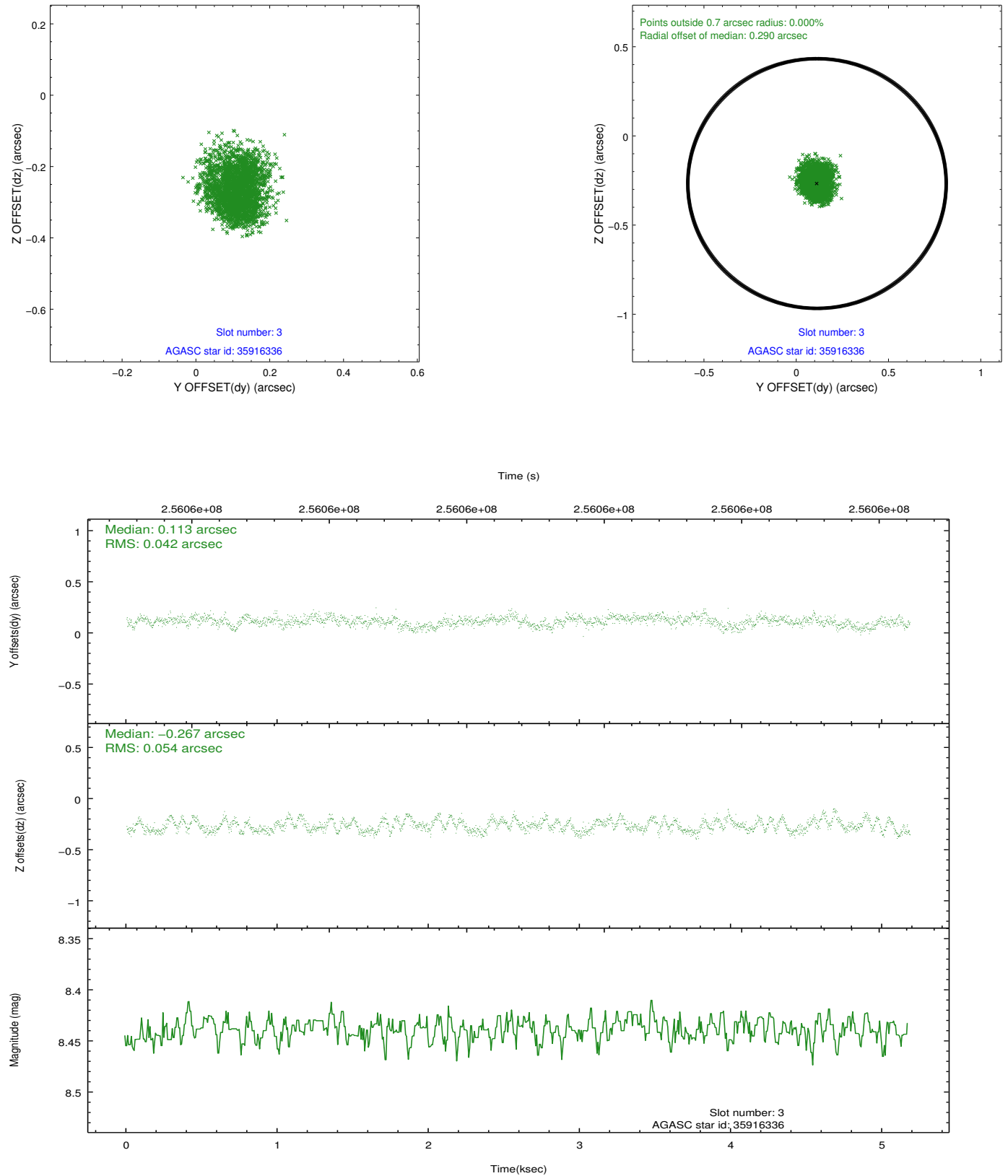


Slot Statistics

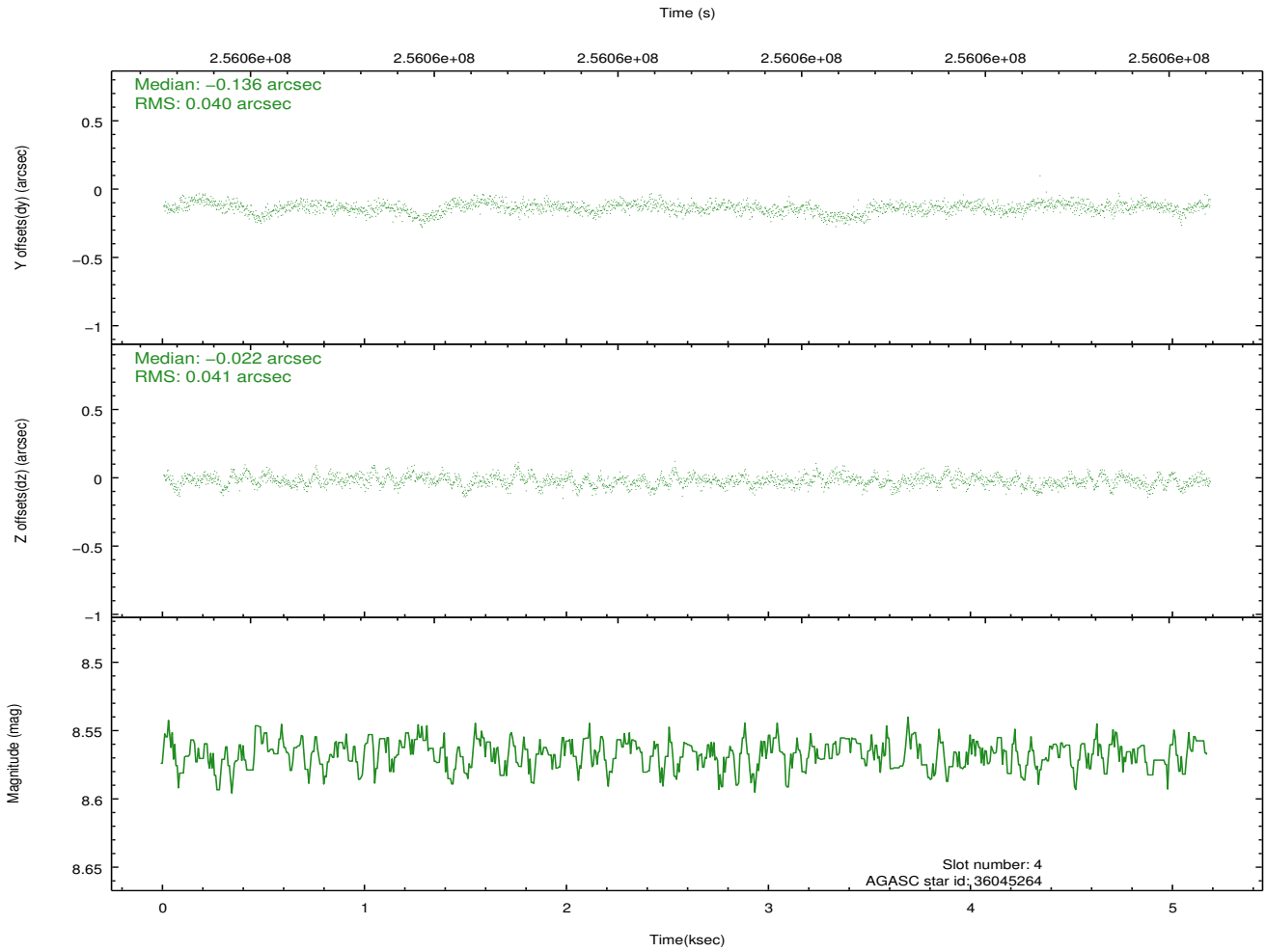
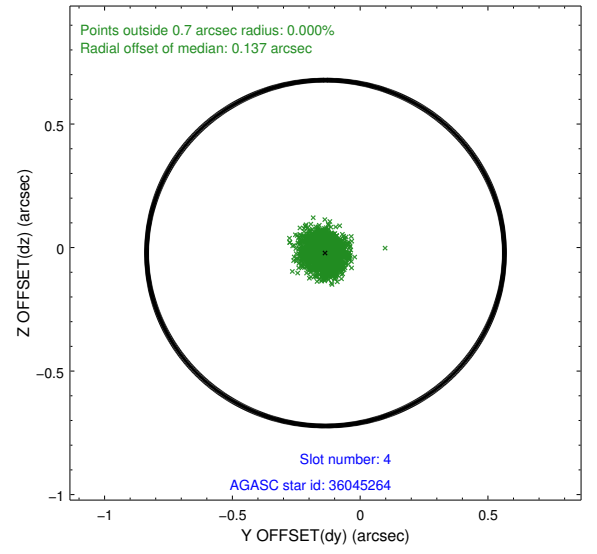
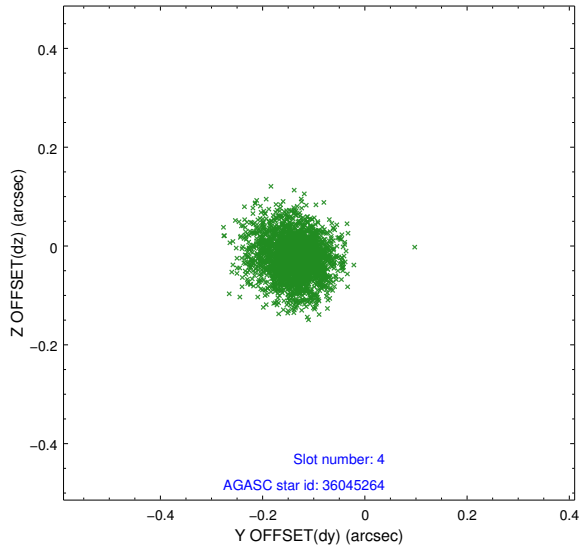
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.10	1264	-0.041	-0.023	0.007	0.012	0.000000	0.000000	-761.11	-1732.02
1	FID	ACIS-S-4	7.21	1264	0.134	0.026	0.006	0.011	0.000000	0.000000	2151.76	175.36
2	FID	ACIS-S-5	7.23	1264	-0.124	0.006	0.007	0.010	0.000000	0.000000	-1812.58	170.26
3	GUIDE	35916336	8.44	2528	0.113	-0.267	0.074	0.115	174.868506	2.846561	-1057.91	248.18
4	GUIDE	36045264	8.57	2524	-0.136	-0.022	0.060	0.099	175.420365	2.870668	-234.57	-1559.75
5	GUIDE	36045680	8.89	2528	0.060	0.339	0.096	0.150	175.537896	2.878377	-49.72	-1941.73
6	GUIDE	36048664	9.39	2517	0.016	0.043	0.081	0.132	175.377330	3.006558	161.34	-1233.69
7	GUIDE	36049352	8.51	2527	-0.048	-0.094	0.055	0.090	175.128538	3.654121	1987.48	468.03

2.4 Star Slots

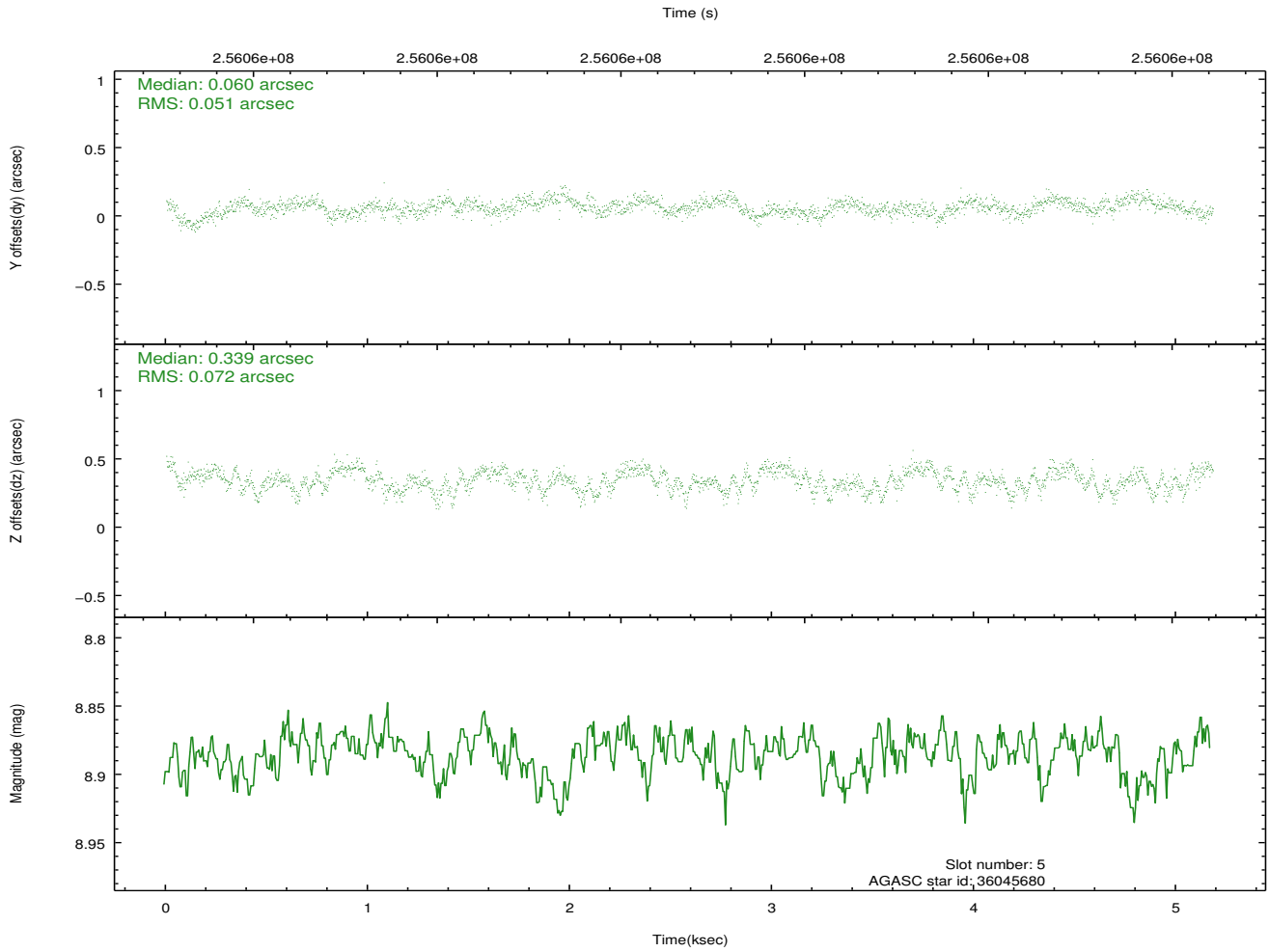
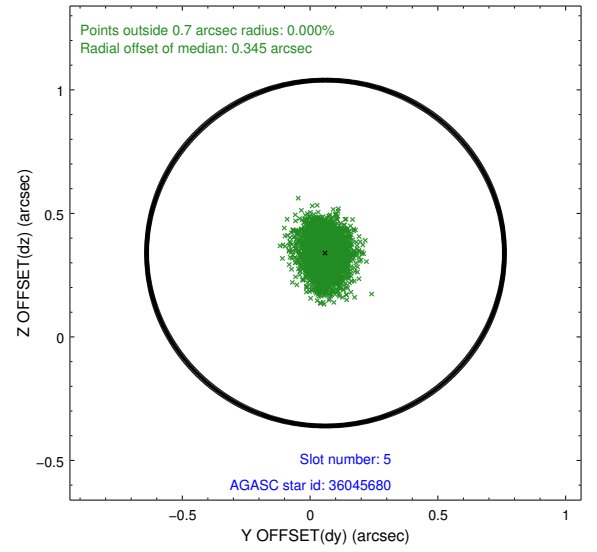
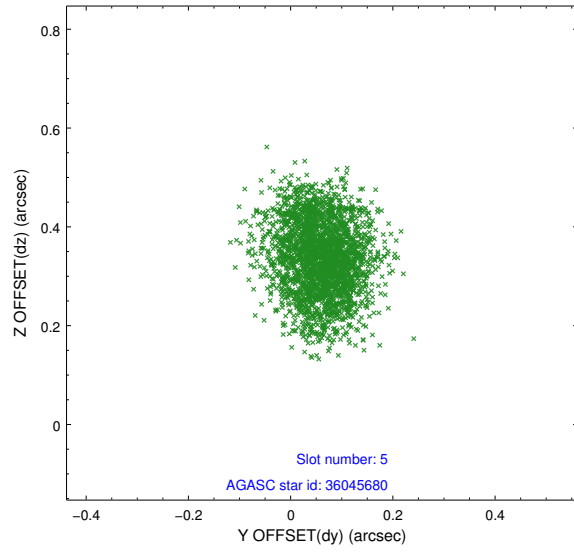
2.4.1 Slot 3



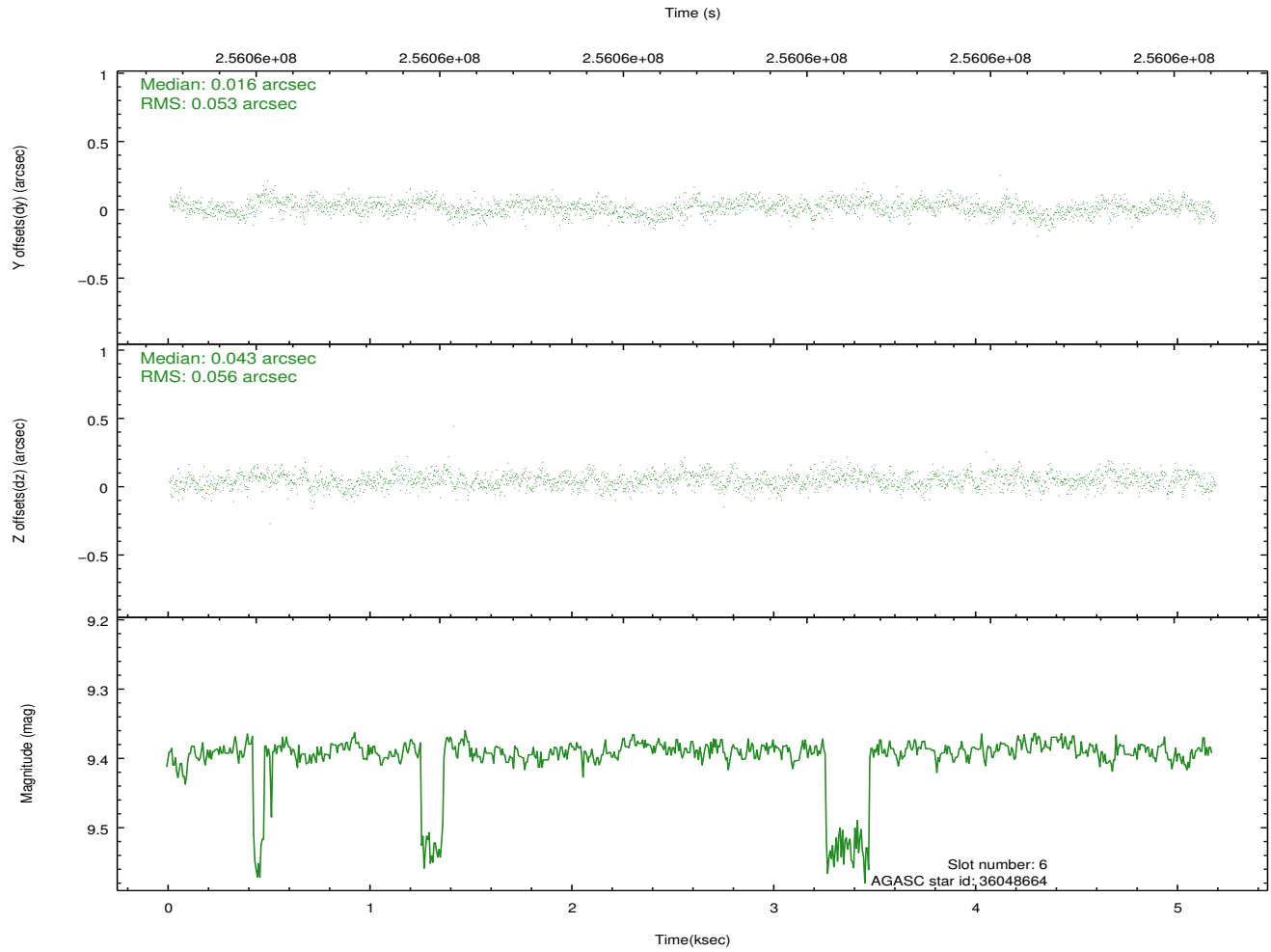
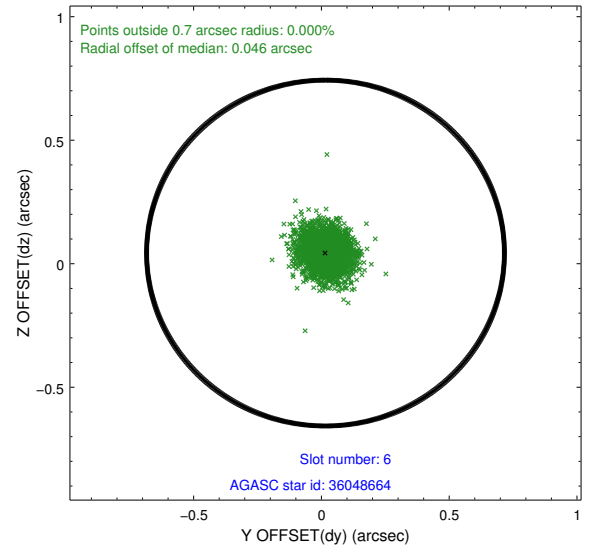
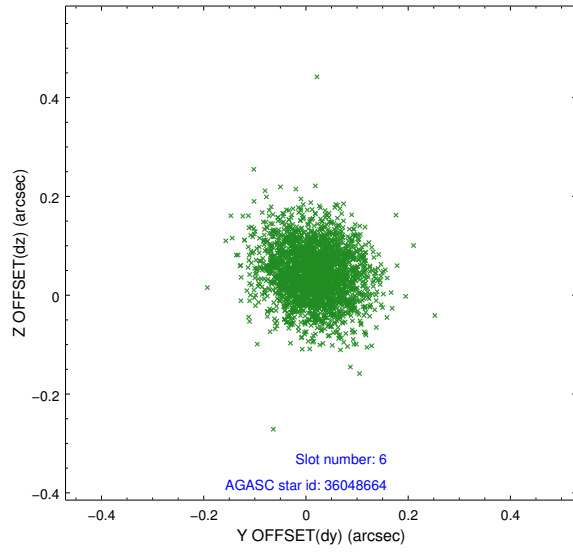
2.4.2 Slot 4



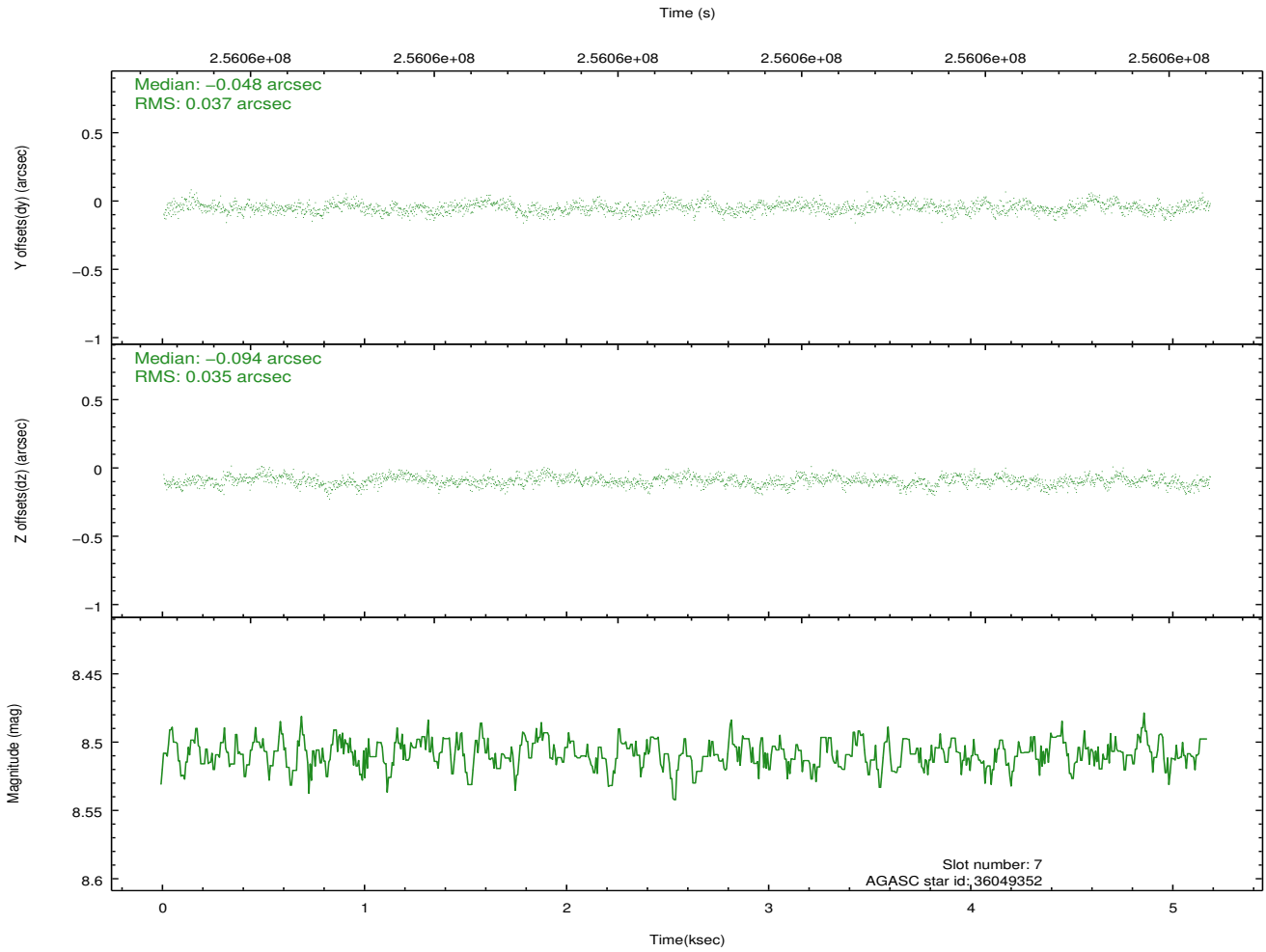
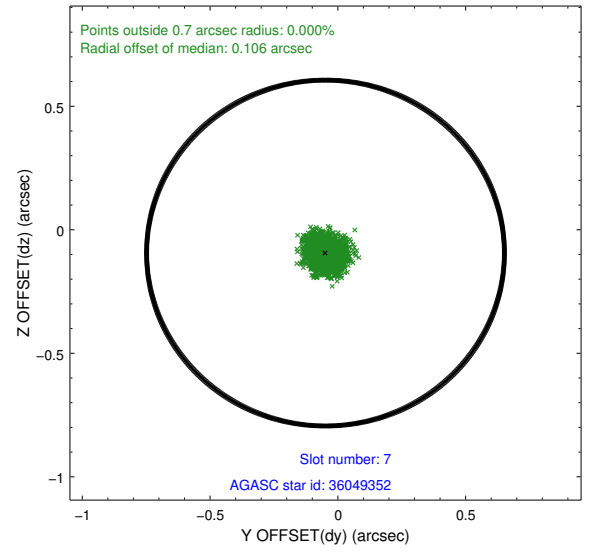
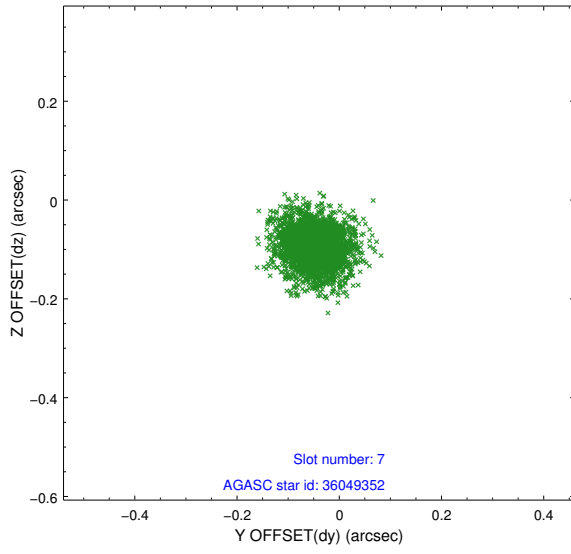
2.4.3 Slot 5



2.4.4 Slot 6

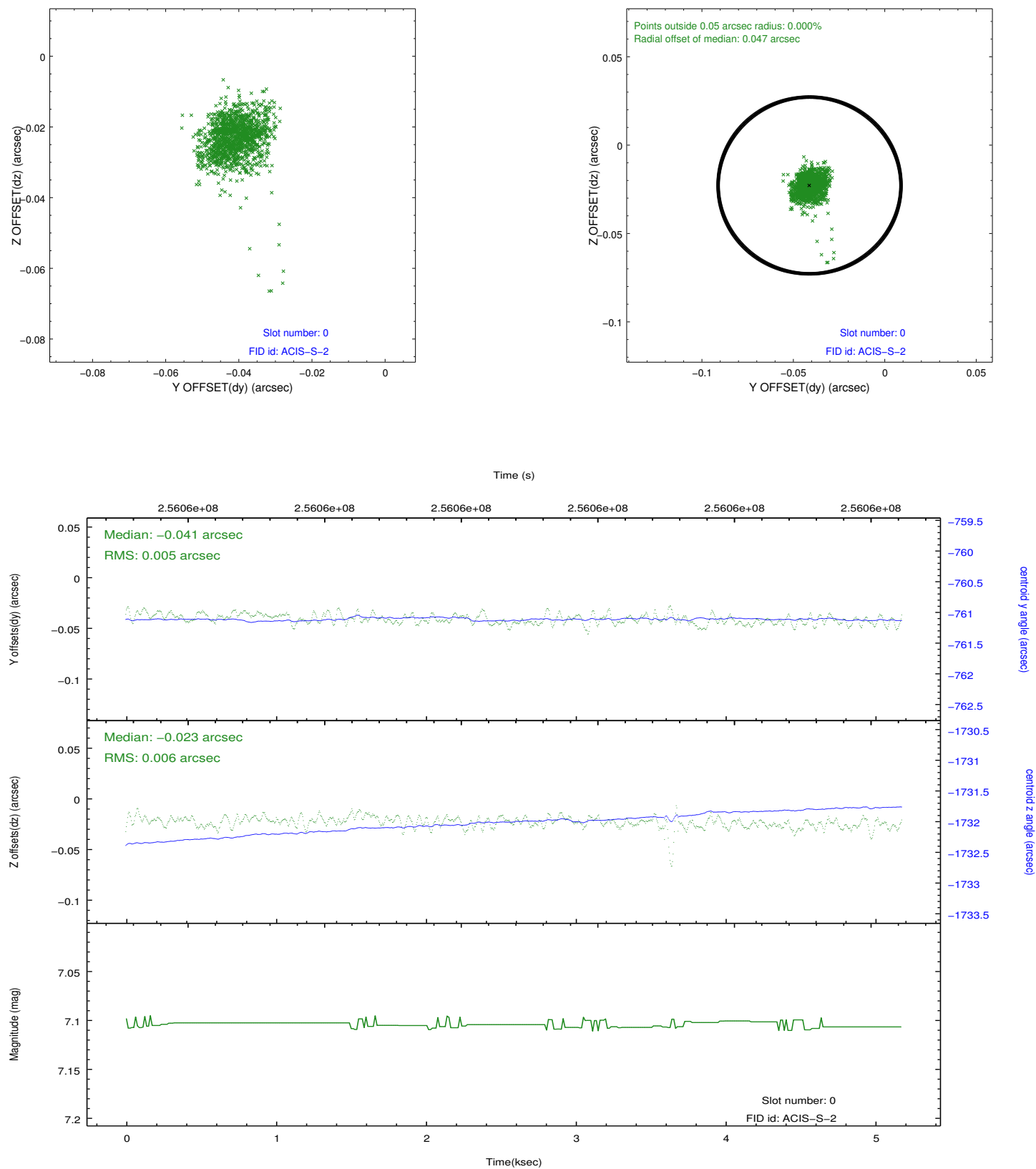


2.4.5 Slot 7

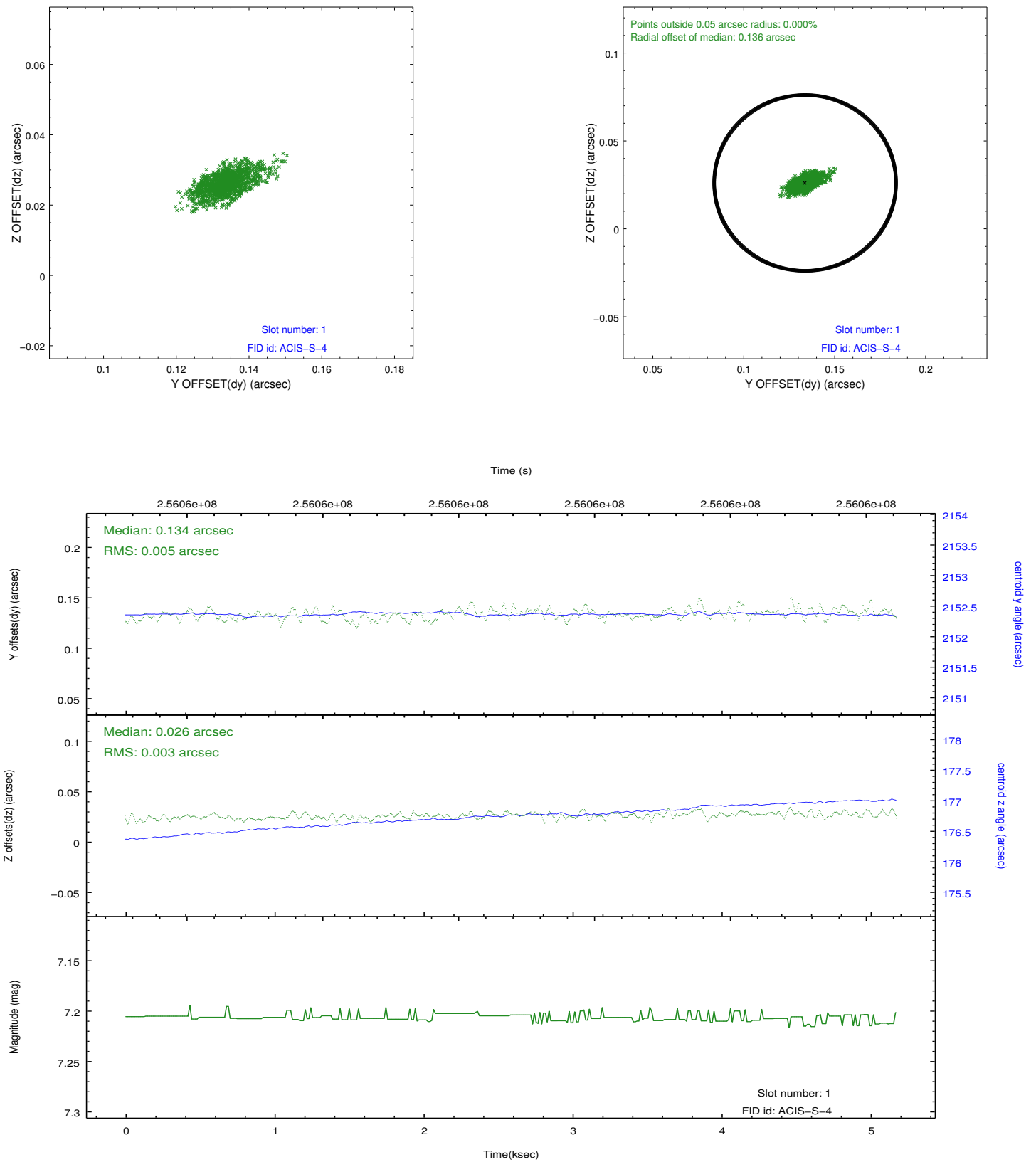


2.5 FID Slots

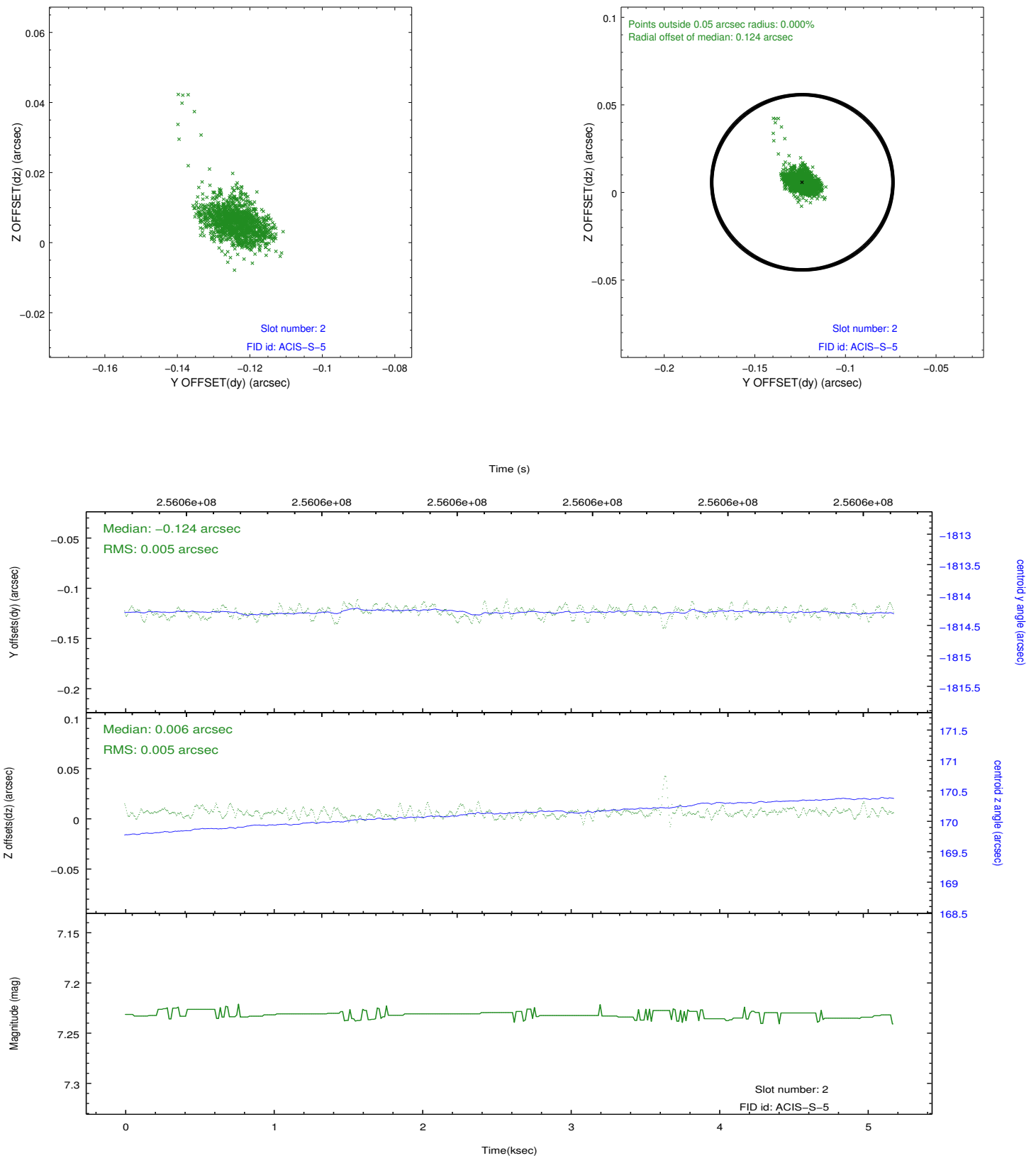
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2012.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.03200007

A.2 Comments