

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3119 - L2 Version 3
Chandra X-Ray Center

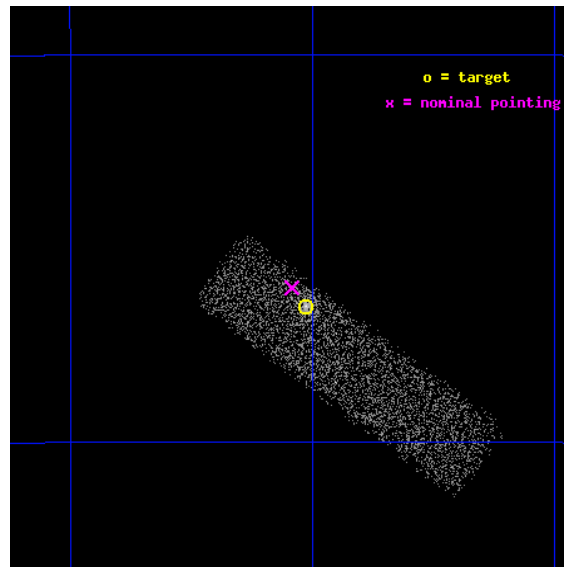
L2 Processing Date : Oct 3 2012

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1 Front

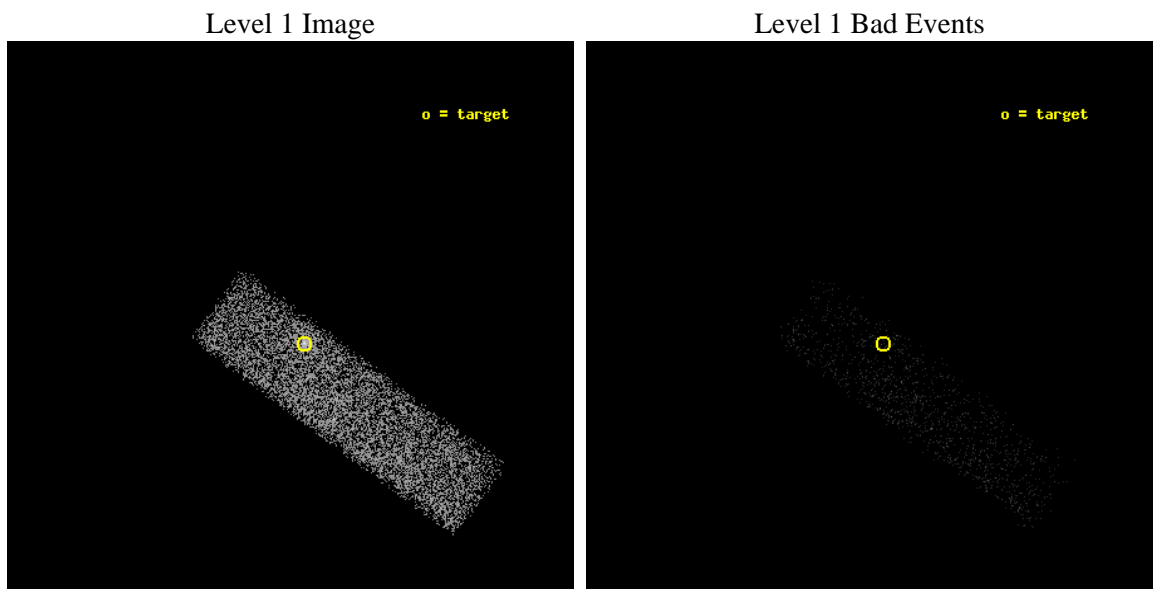
seq_num	700558	Sequence number
obs_id	3119	Observation id
title	A COMPLETE SURVEY FOR X-RAY EMISSION FROM RADIO JETS	Proposal titl
observer	Dr. Herman Marshall	Principal investigator
object	1258-321	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	195.253333	Observer's specified target RA [deg]
dec_targ	-32.441444	Observer's specified target Dec [deg]
ra_nom	195.26056153268	Nominal RA [deg]
dec_nom	-32.433496303575	Nominal Dec [deg]
roll_nom	36.467807194862	Nominal Roll [deg]
revision	3	Processing version of data
ontime	5704.7999787629	Sum of GTIs [s]
livetime	5426.4244066992	Livetime [s]
ontime7	5704.7999787629	Sum of GTIs [s]
l2events	5905	Number of level 2 events



2 OBI

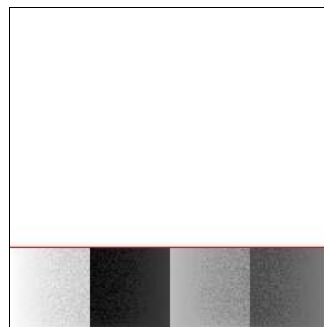
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	5000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	5704.7999787629	Sum of GTIs [s]
caldsver	4.5.2	 	ontime7	5704.7999787629	Sum of GTIs [s]
date	2012-10-03T03:33:32	Date and time of file creation	l1events	13538	Number of level 1 events
revision	3	Processing version of data			

2.1.4 Events

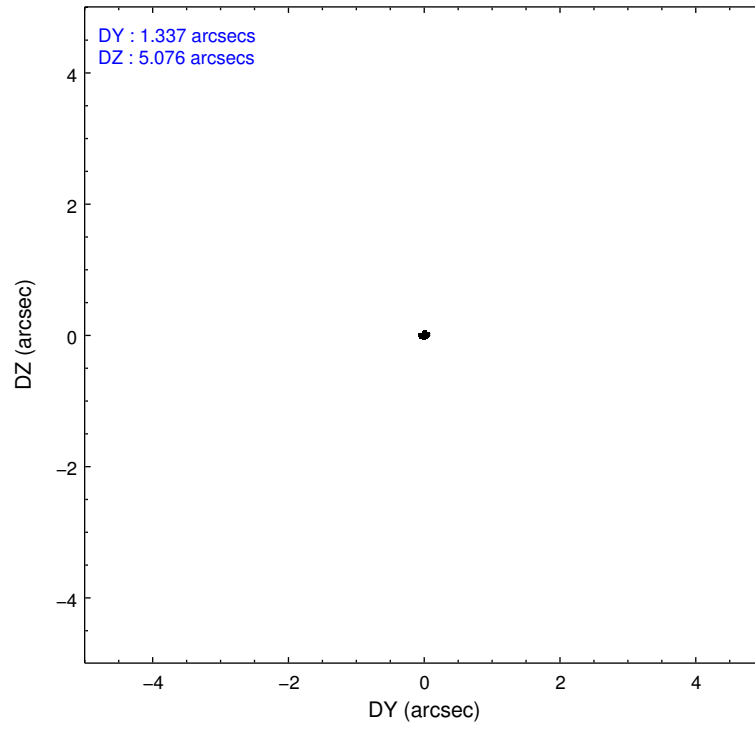
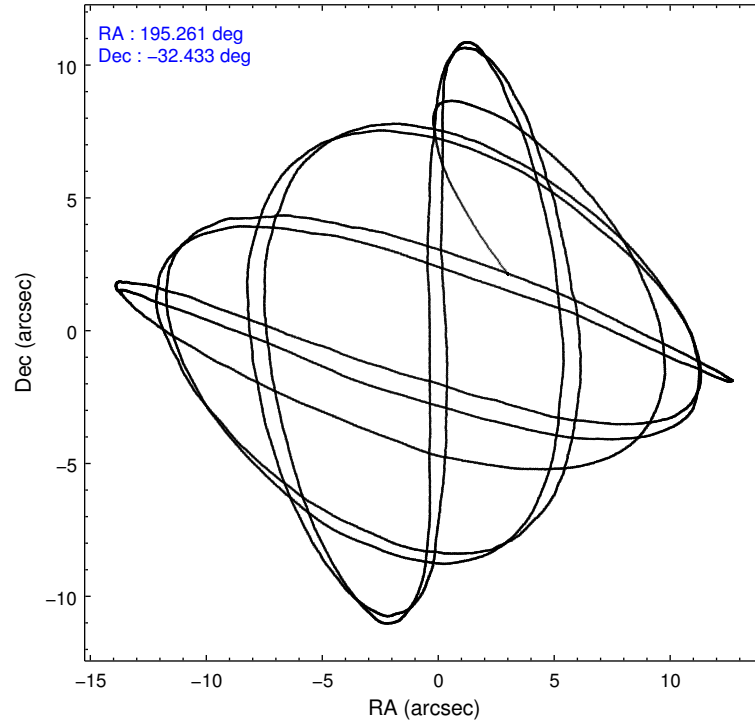
	ccd 7
level 1 events	13538
rejected events	7493
rejected %	55%

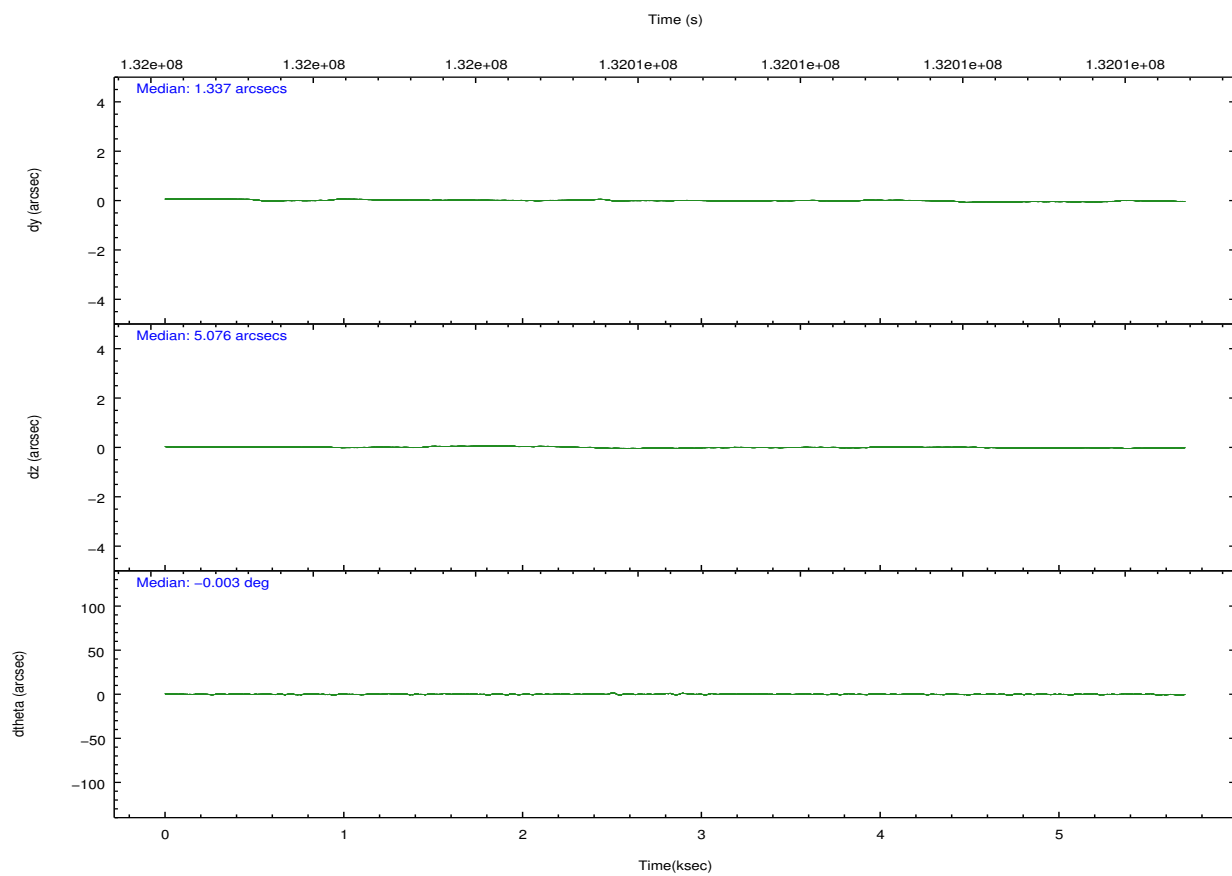
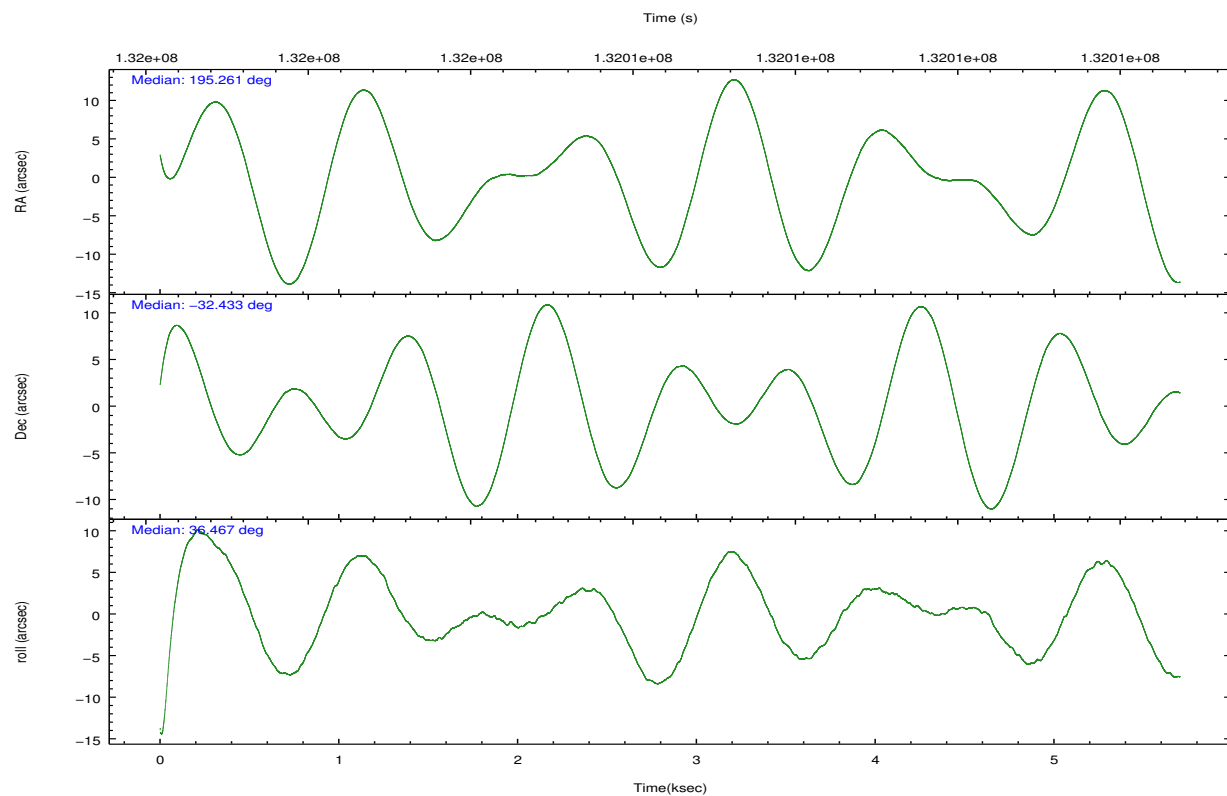
	ccd 7
grade 0 events	700
	5%
grade 1 events	13
	0%
grade 2 events	1242
	9%
grade 3 events	718
	5%
grade 4 events	691
	5%
grade 5 events	1202
	8%
grade 6 events	2822
	20%
grade 7 events	6150
	45%

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	195.247994	195.2605615326762	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-32.458685	-32.43349630357491	Subarray start row	1	1
[deg] Pointing Roll	36.304473	36.46780719486201	Subarray row count	256	256
[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	0.8
[mm] SIM translation stage pos	-178.632523	-178.6370735452349			
[mm] SIM translation stage offset	-11.5	-11.49544903777291			
[s] Observation start time (MET)	132004081.184000	132002864.69458			
Observation start date	2002-03-08T19:46:57	2002-03-08T19:27:44			
[s] Observation end time (MET)	132009081.184000	132010020.73237			
Observation end date	2002-03-08T21:10:17	2002-03-08T21:27:00			
Read mode	TIMED	TIMED			

2.3 Aspect



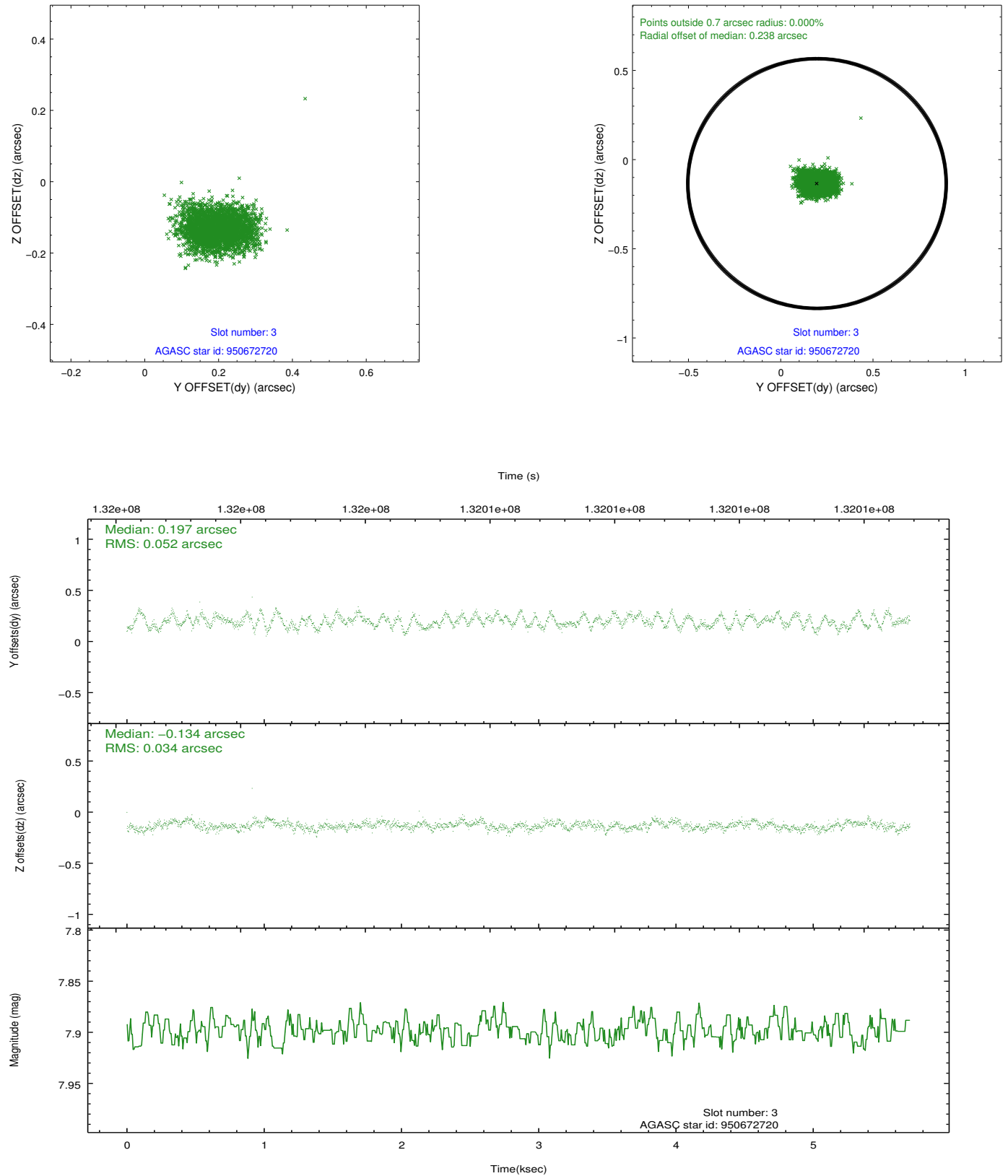


Slot Statistics

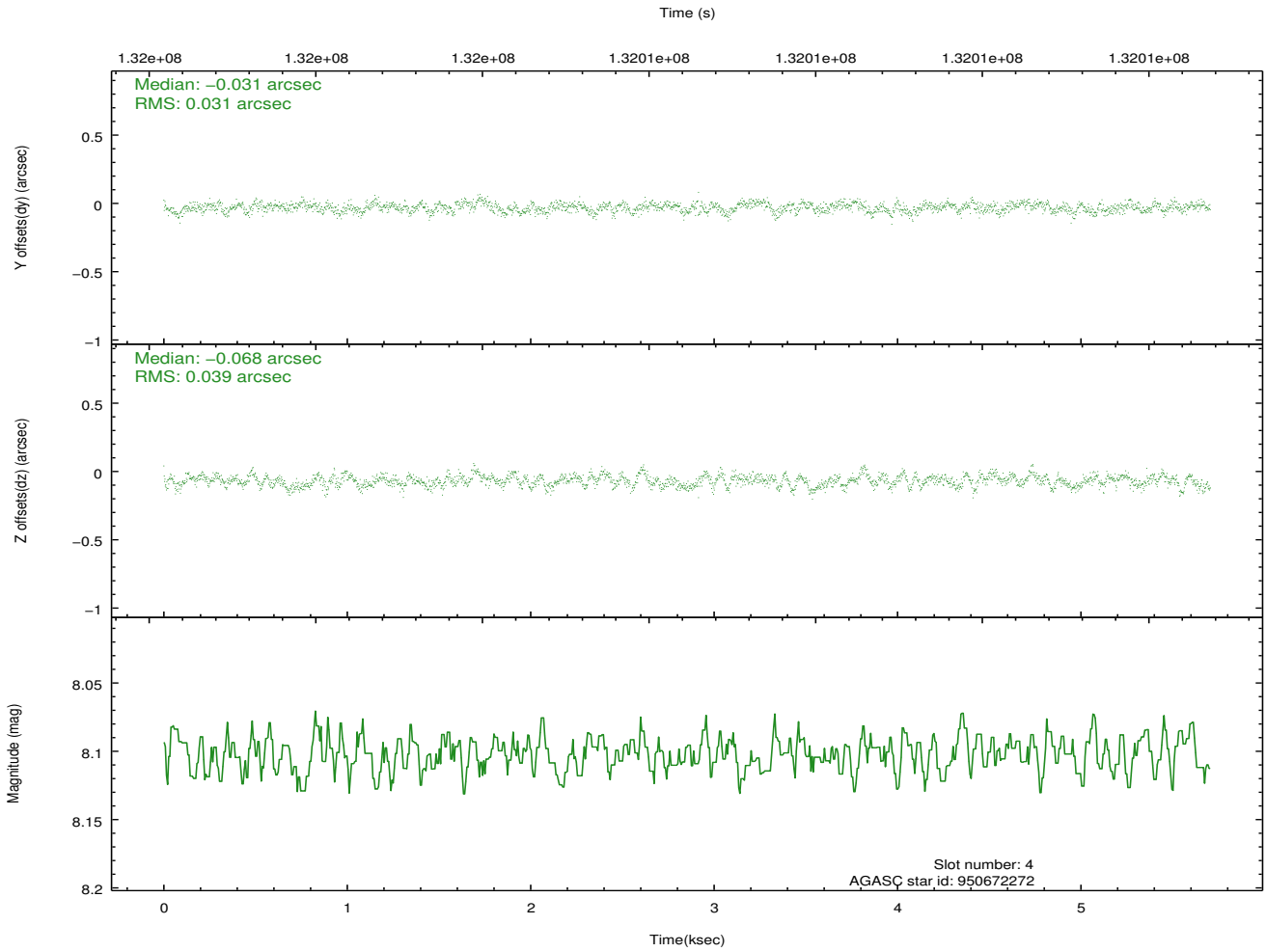
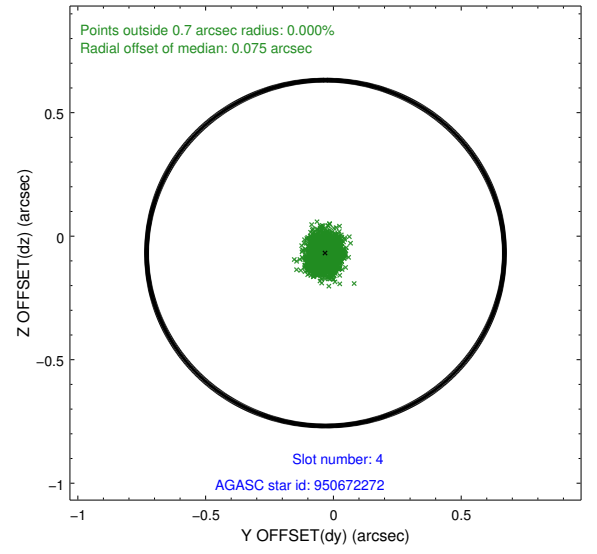
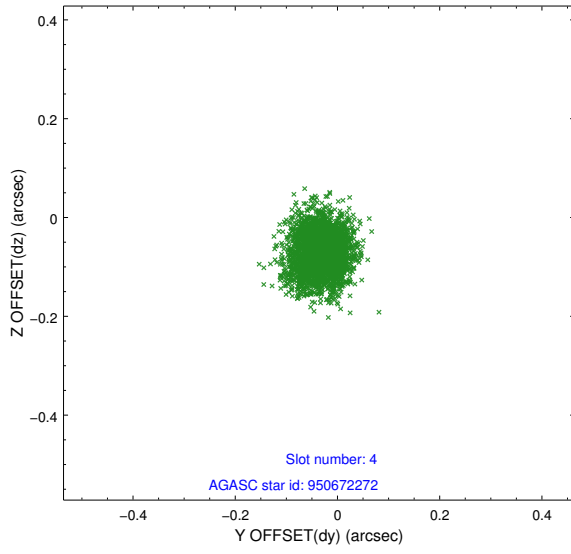
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.09	1392	-0.064	-0.382	0.006	0.010	0.000000	0.000000	-753.16	-1963.20
1	FID	ACIS-S-4	7.18	1392	0.054	0.132	0.005	0.009	0.000000	0.000000	2159.78	-55.50
2	FID	ACIS-S-5	7.23	1391	-0.022	0.257	0.006	0.010	0.000000	0.000000	-1804.59	-60.48
3	GUIDE	950672720	7.90	2783	0.197	-0.134	0.067	0.106	194.402788	-32.300352	-1742.22	1973.09
4	GUIDE	950672272	8.10	2780	-0.031	-0.068	0.053	0.087	195.043568	-32.042705	381.70	1575.75
5	GUIDE	950153448	8.37	2781	-0.287	0.051	0.071	0.110	195.652767	-31.778378	2445.73	1238.46
6	GUIDE	950678368	8.61	2784	0.050	-0.048	0.140	0.198	195.120615	-31.928480	816.12	1768.21
7	GUIDE	950665776	8.58	2783	0.081	0.202	0.065	0.107	195.030983	-32.974468	-1628.67	-1108.80

2.4 Star Slots

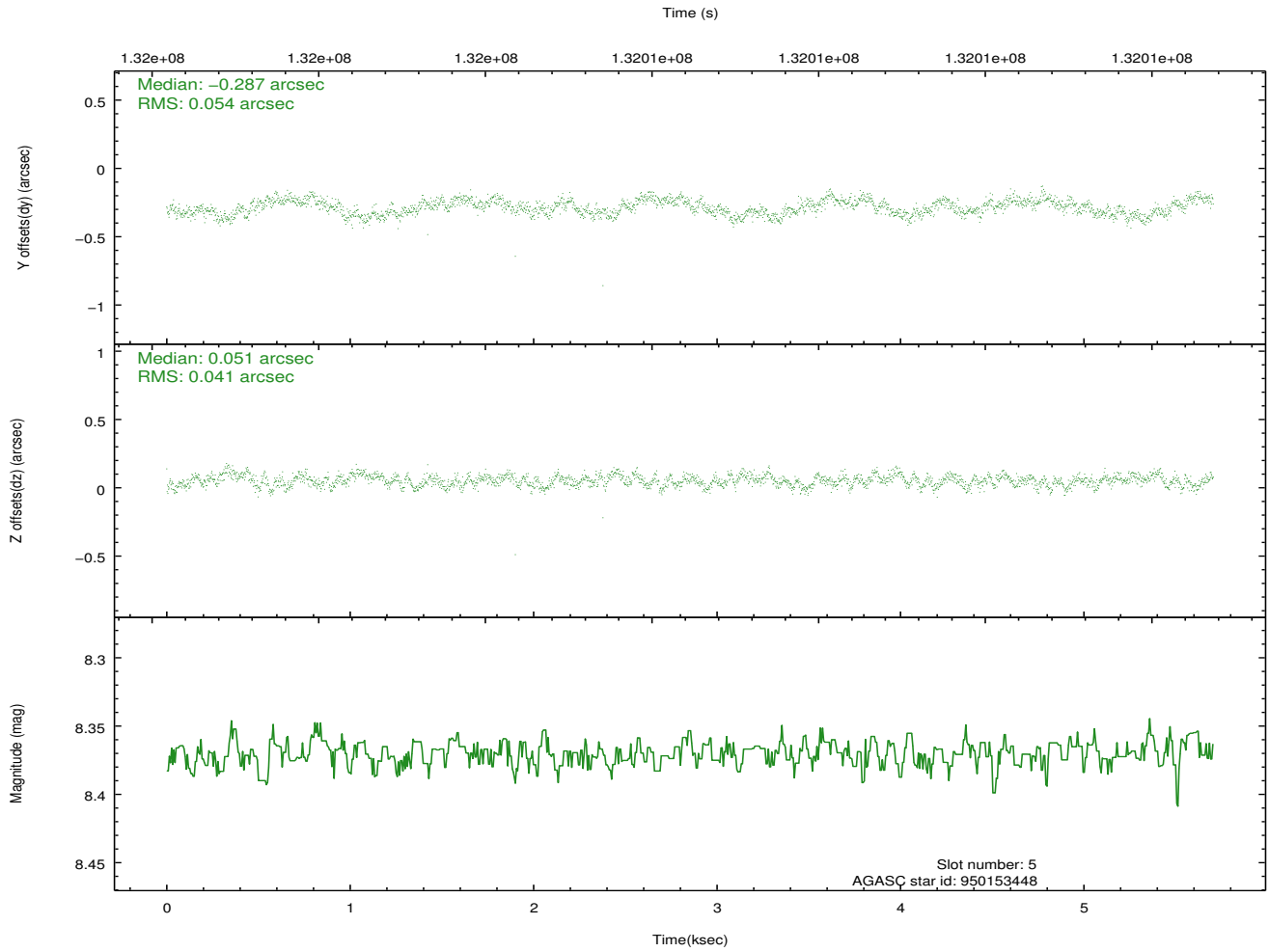
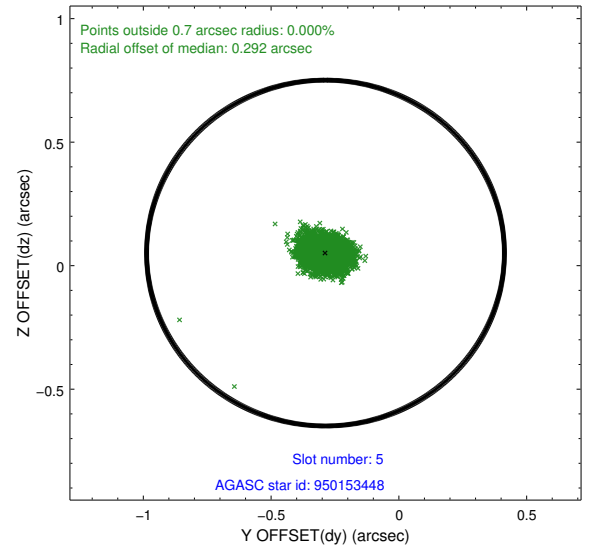
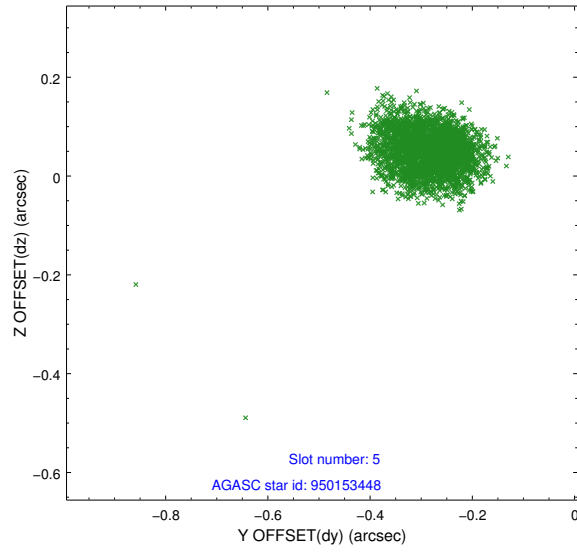
2.4.1 Slot 3



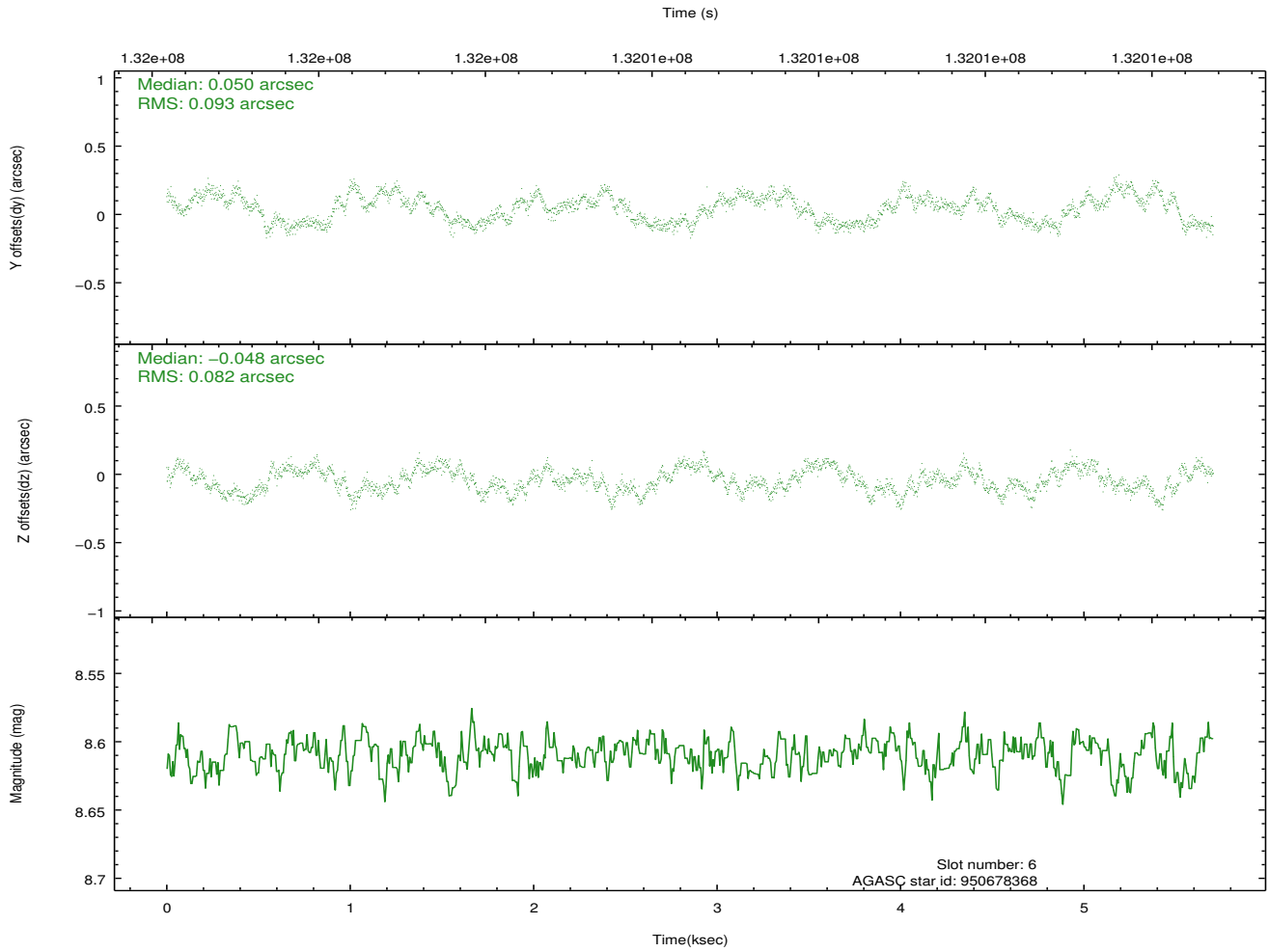
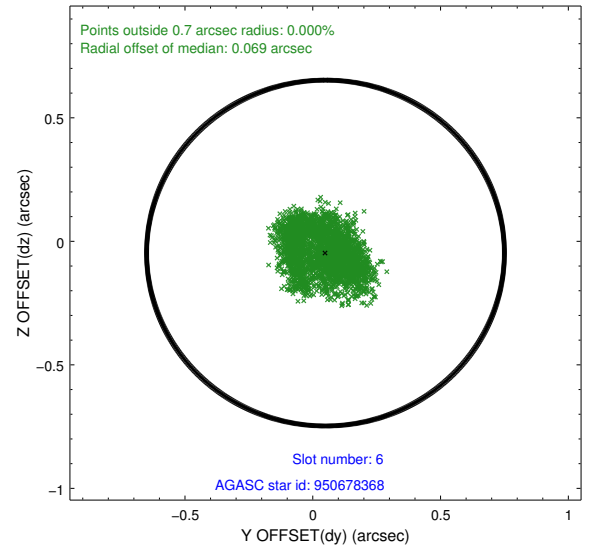
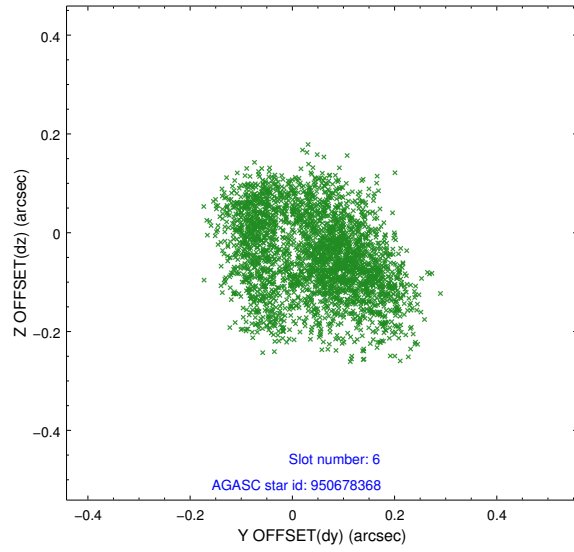
2.4.2 Slot 4



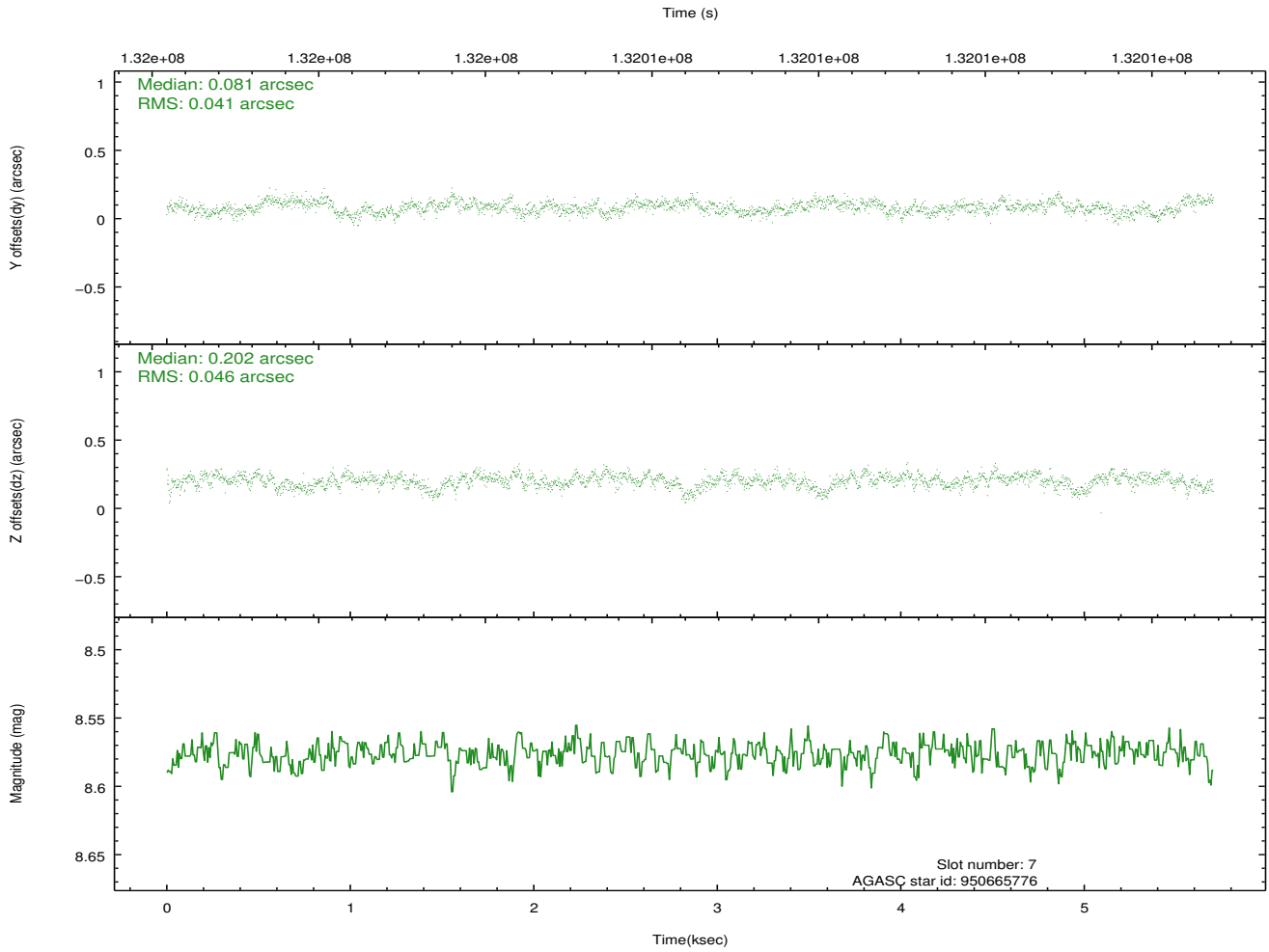
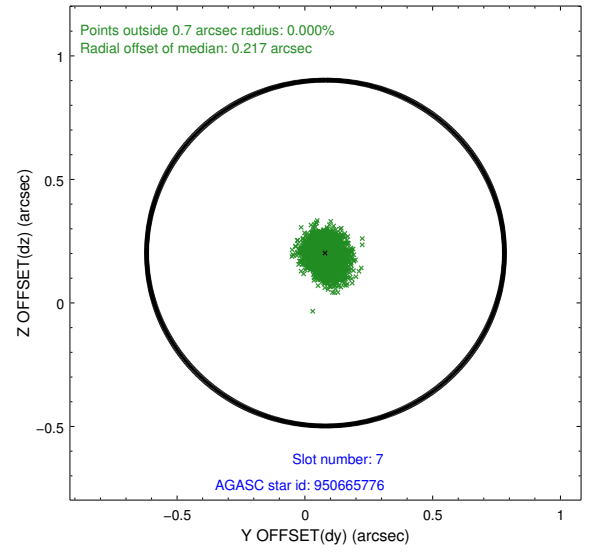
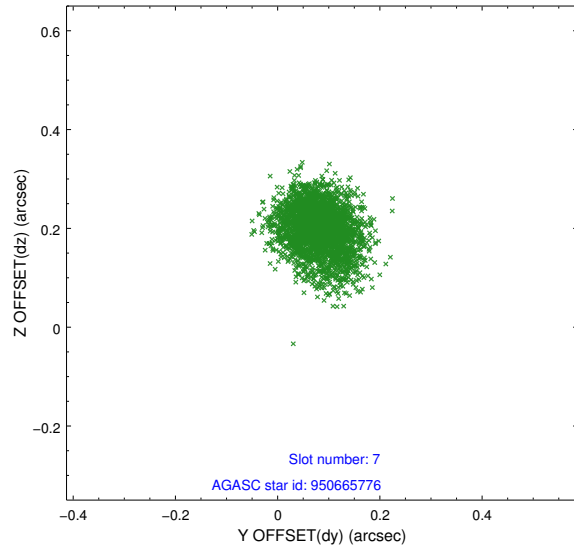
2.4.3 Slot 5



2.4.4 Slot 6

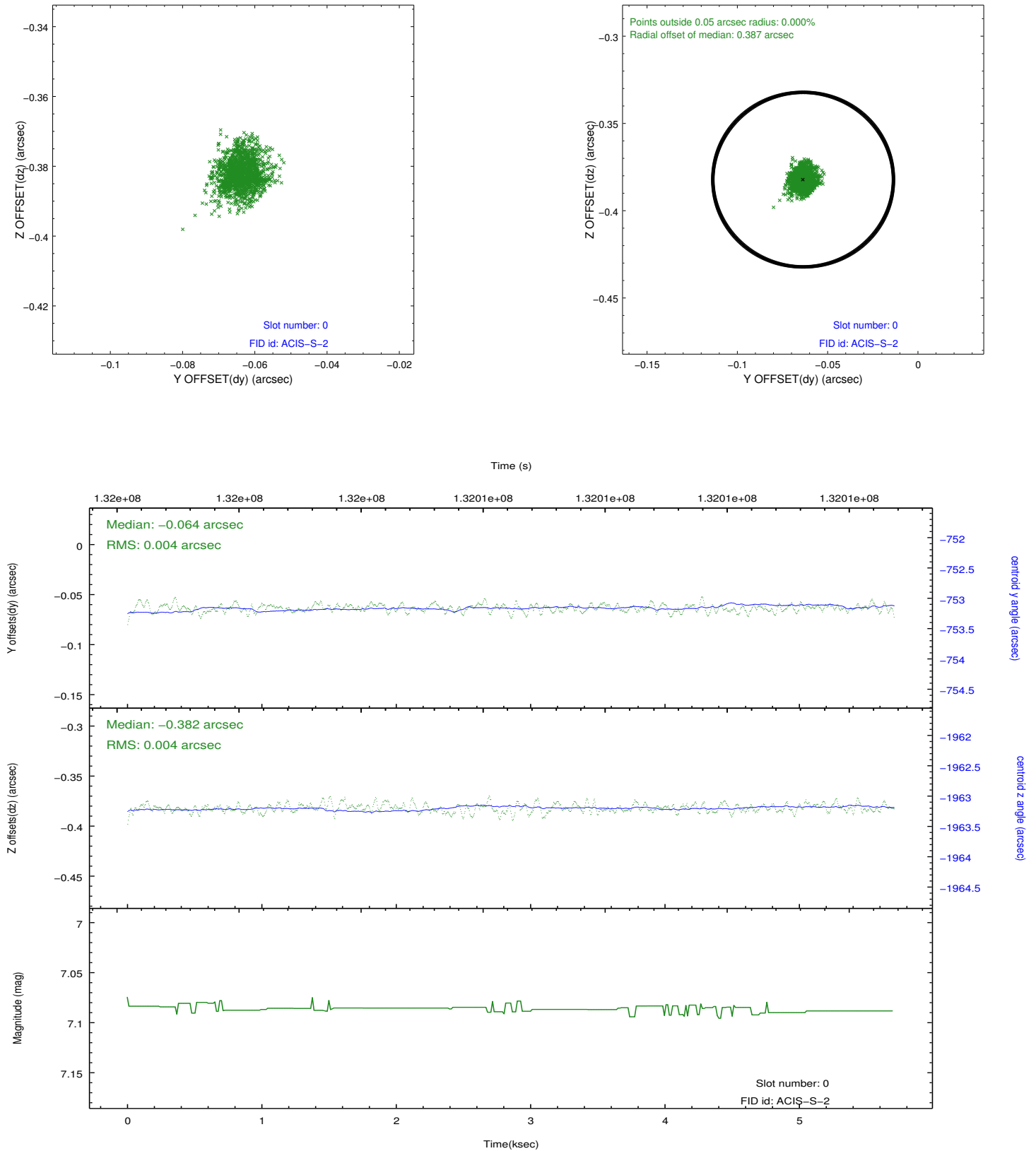


2.4.5 Slot 7

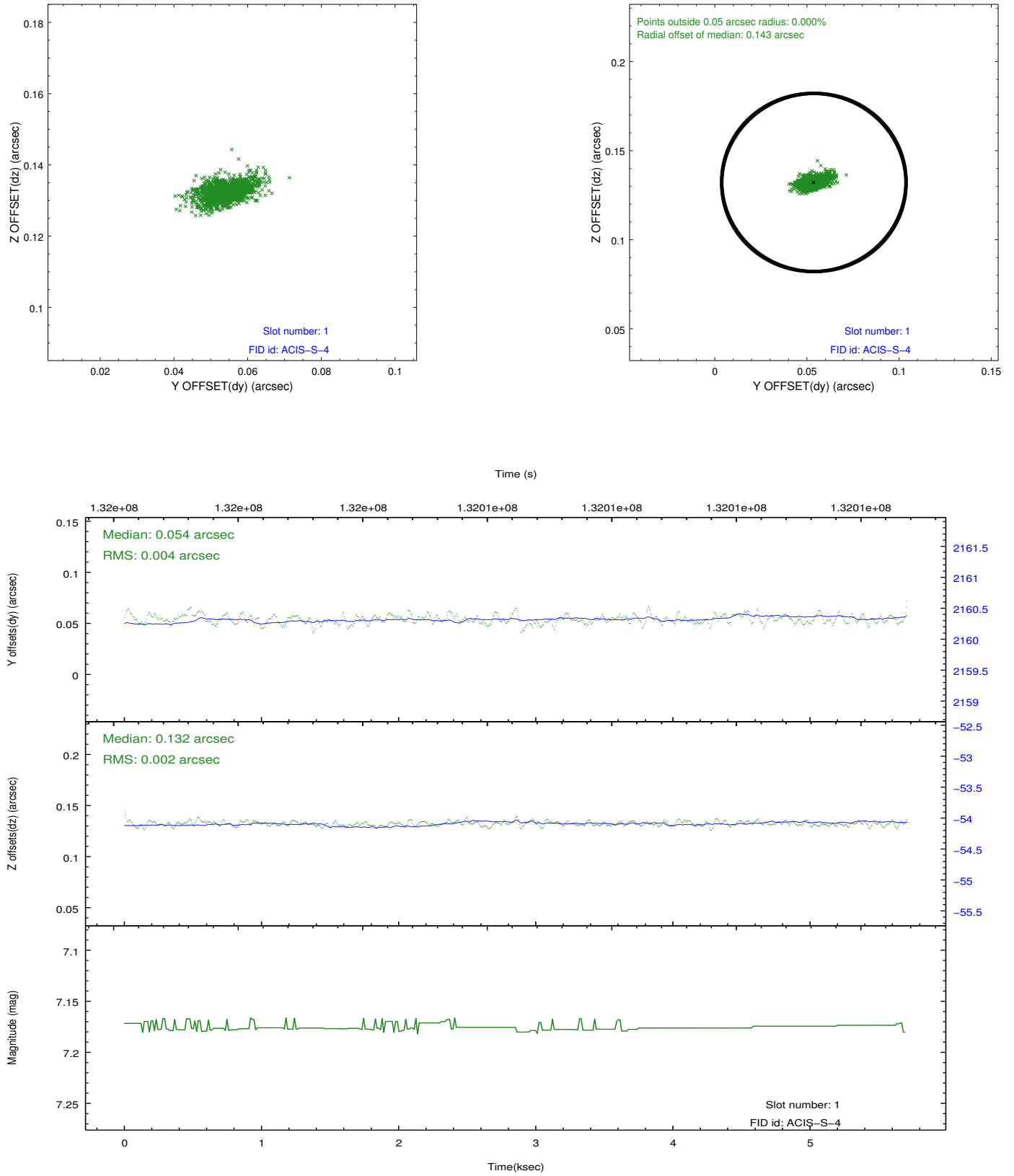


2.5 FID Slots

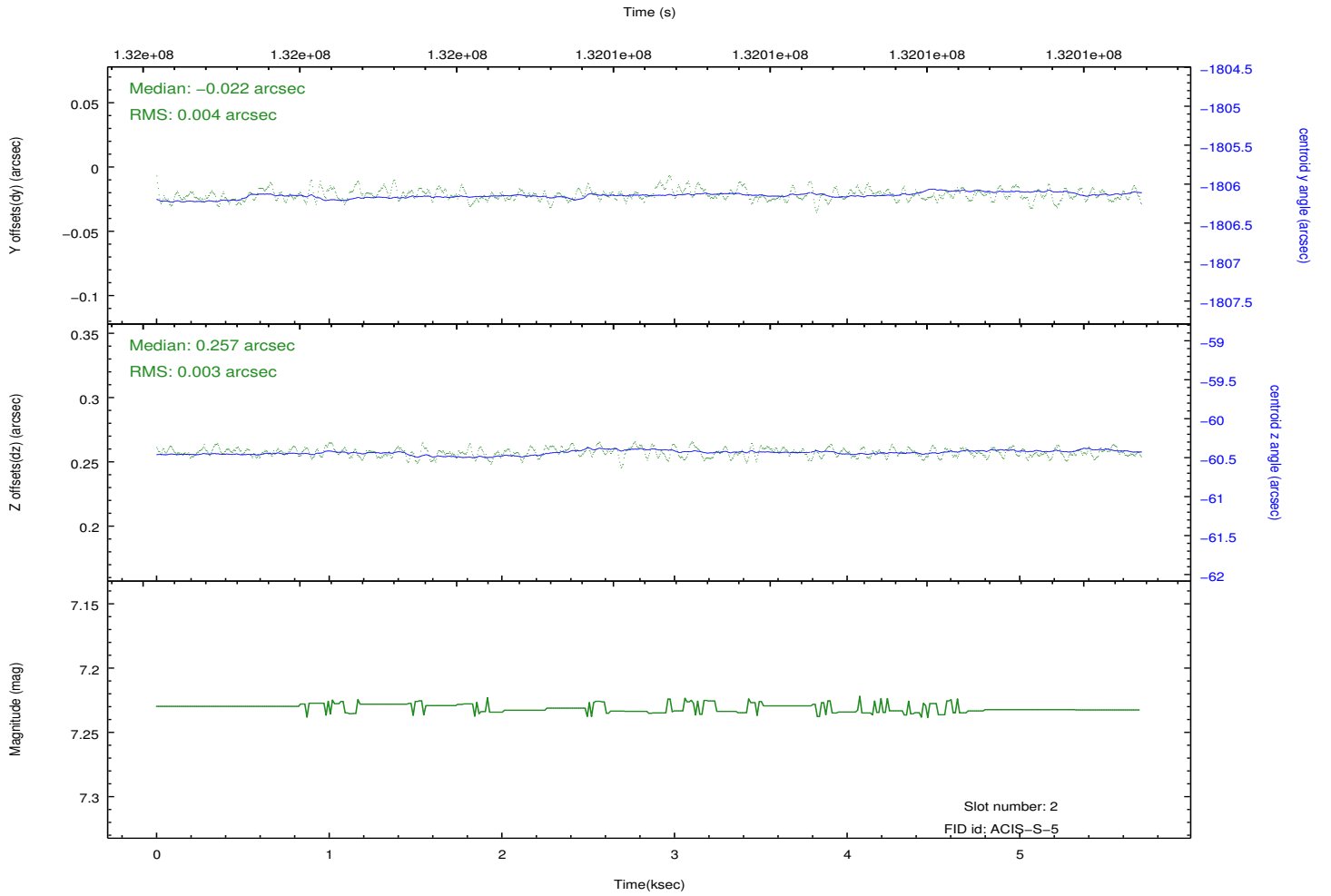
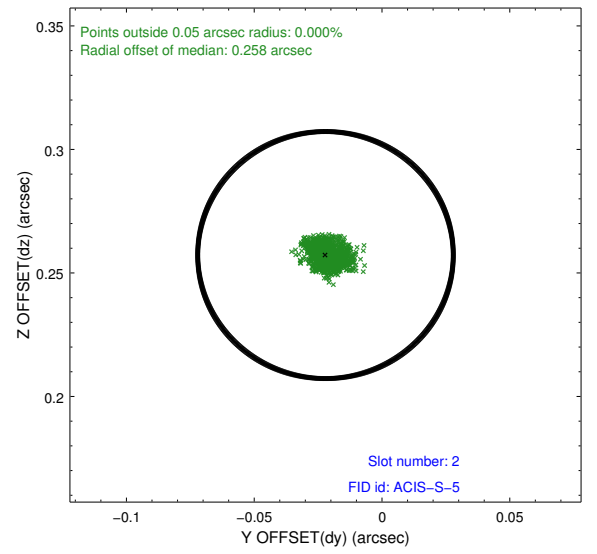
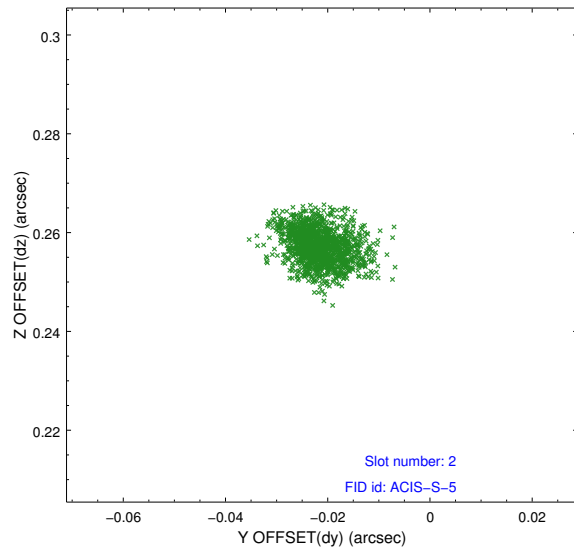
2.5.1 Slot 0



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)	2012.10.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.704

A.2 Comments

Roll preference not met, but no read-out streak is visible.