

V&V Reference Report

L2 ASCDS Version : 10.2.4

Observation 16166 - L2 Version 1
Chandra X-Ray Center

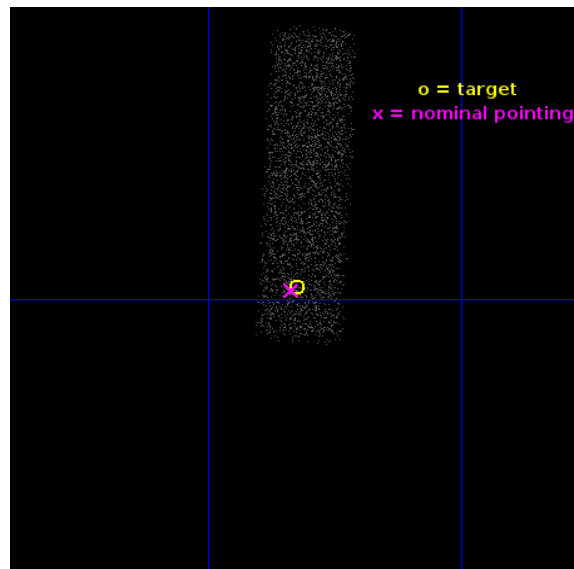
L2 Processing Date : Sep 9 2014

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1 Front

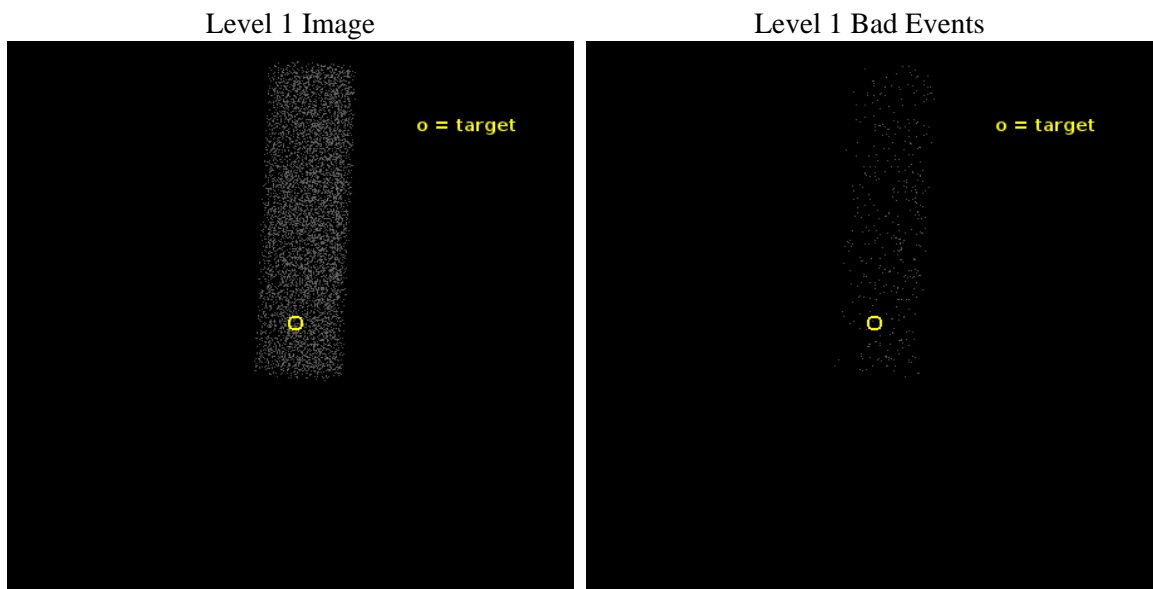
seq_num	901106	Sequence number
obs_id	16166	Observation id
title	Chandra Studies of Unidentified X-ray Sources in the Galactic Bulge	
observer	Dr. Hideyuki Mori	Principal investigator
object	1RXS J181119.4-275939	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.830833	Observer's specified target RA [deg]
dec_targ	-27.994167	Observer's specified target Dec [deg]
ra_nom	272.83389413142	Nominal RA [deg]
dec_nom	-27.995847539918	Nominal Dec [deg]
roll_nom	272.62815059429	Nominal Roll [deg]
revision	1	Processing version of data
ontime	4071.1379905939	Sum of GTIs [s]
livetime	3872.4797779834	Livetime [s]
ontime7	4071.1379905939	Sum of GTIs [s]
l2events	4289	Number of level 2 events



2 OBI

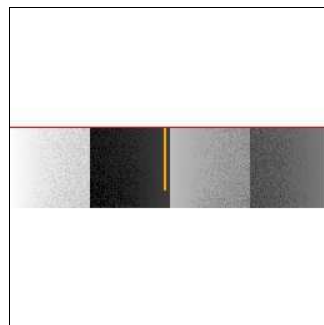
2.1 OBI

2.1.1 Images



2.1.2 Bias

Chip 7



2.1.3 Parameters

obi_num	1	Obi number	sched_exp_time	4009.889000	[s] Scheduled observation exposure time
ascdsver	10.2.4	Processing system revision	ontime	4071.1379905939	Sum of GTIs [s]
caldsver	4.6.3	 	ontime7	4071.1379905939	Sum of GTIs [s]
date	2014-09-09T18:03:00	Date and time of file creation	l1events	8044	Number of level 1 events
revision	1	Processing version of data			

2.1.4 Events

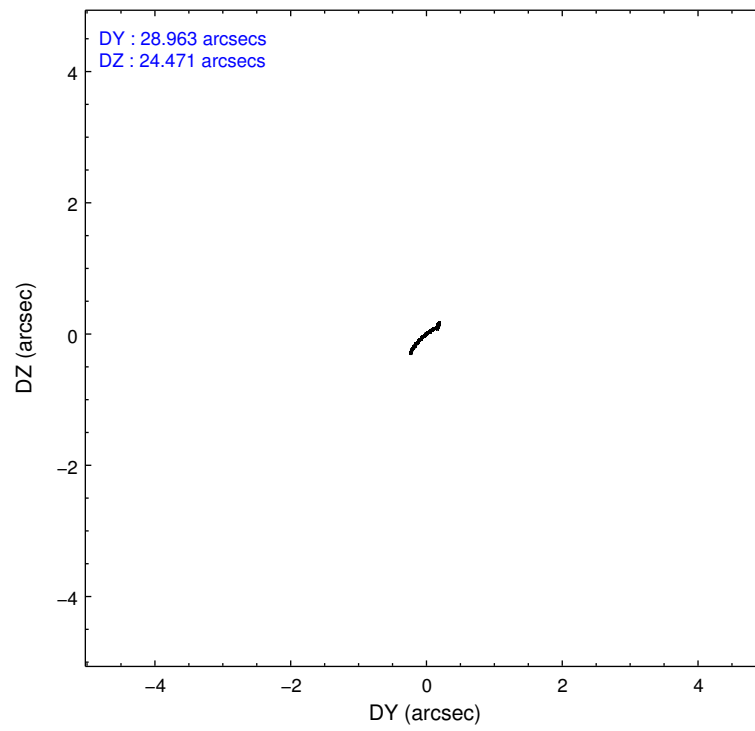
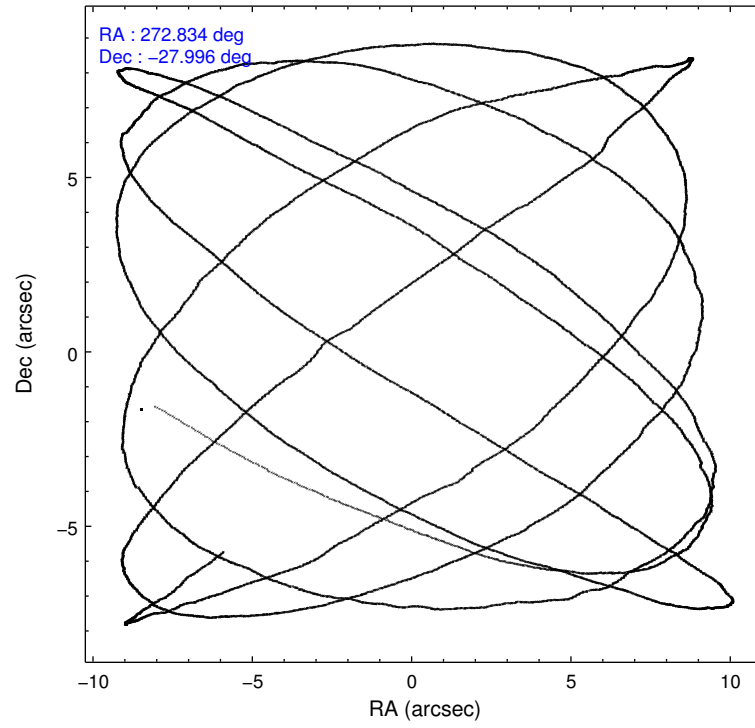
	ccd 7
level 1 events	8044
rejected events	3633
rejected %	45%

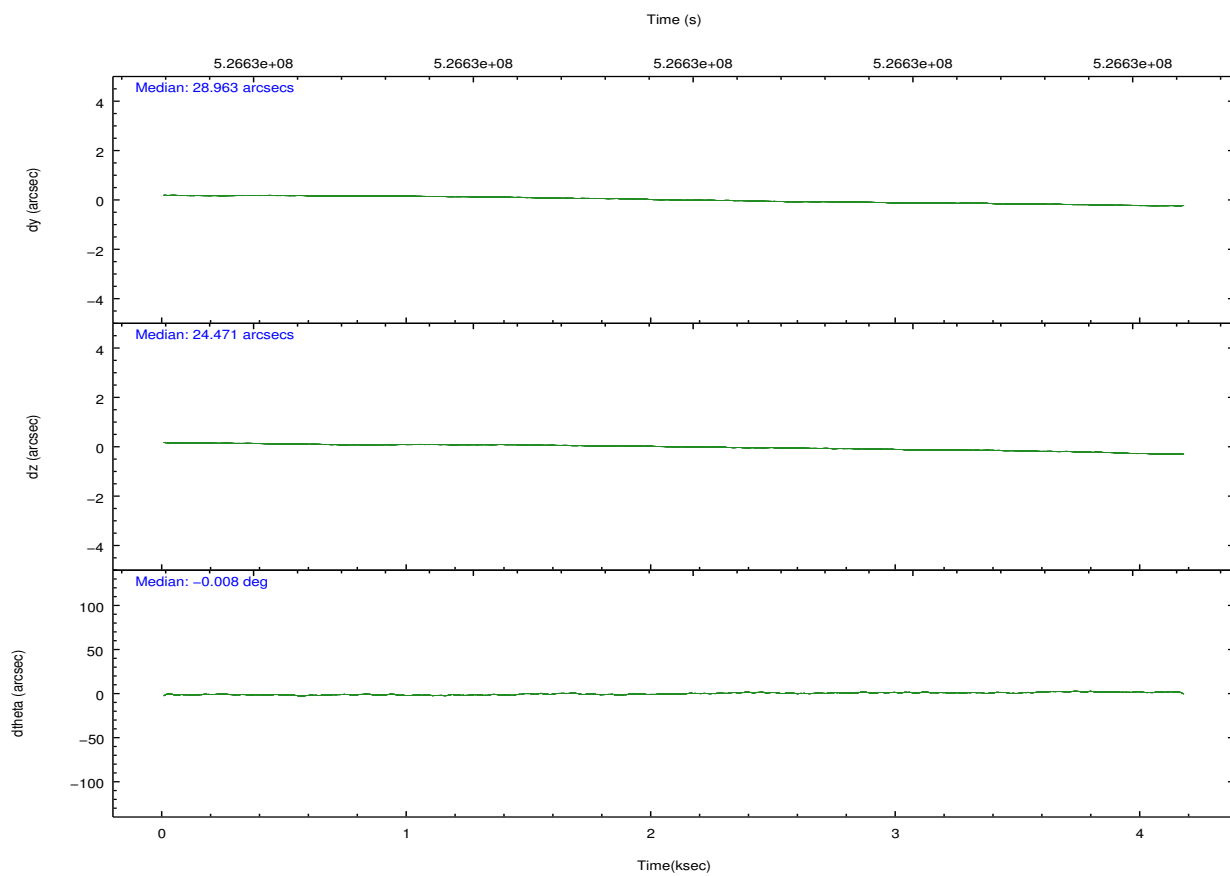
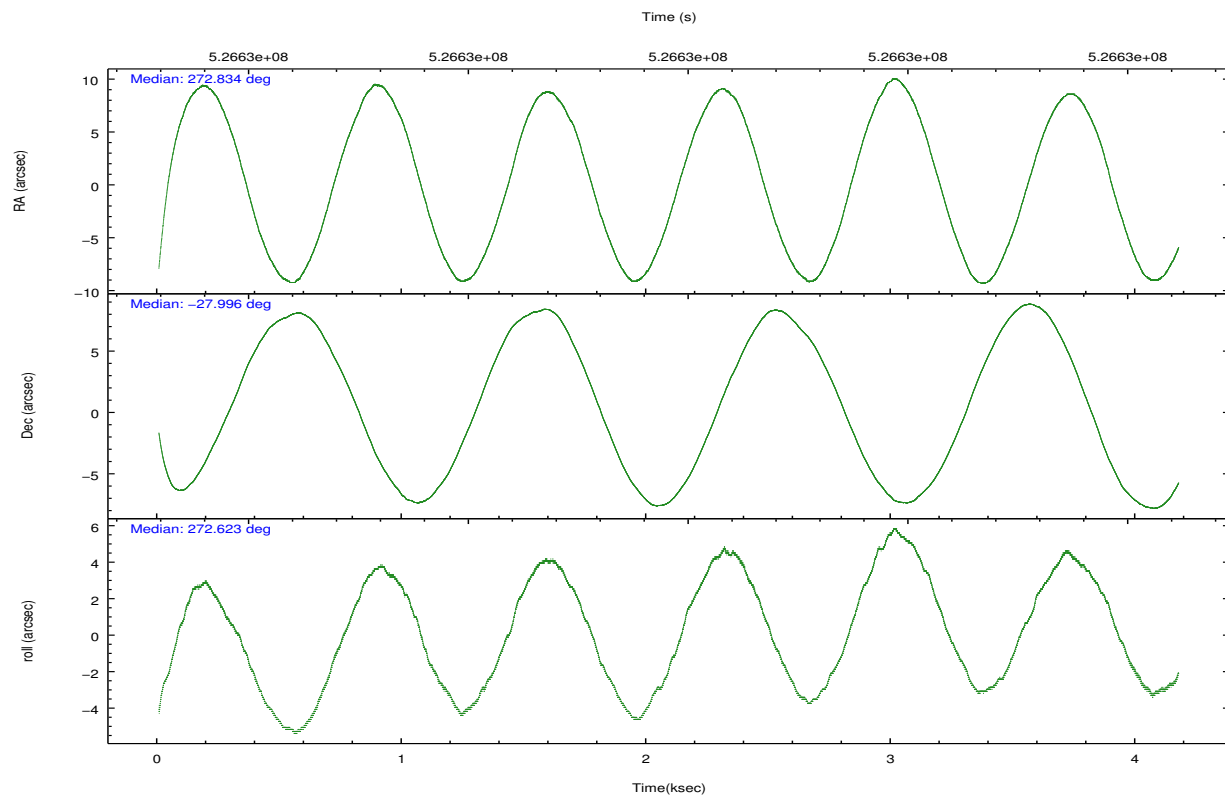
	ccd 7
grade 0 events	587
	7%
grade 1 events	12
	0%
grade 2 events	995
	12%
grade 3 events	524
	6%
grade 4 events	445
	5%
grade 5 events	768
	9%
grade 6 events	1860
	23%
grade 7 events	2853
	35%

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	VFAINT	VFAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	272.816763	272.8338941314221	Subarray requested	CUSTOM	1/4
[deg] Pointing Dec	-27.972853	-27.9958475399176	Subarray start row	385	385
[deg] Pointing Roll	272.463471	272.6281505942854	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	-190.132523	-190.1425803651734			
[mm] SIM translation stage offset	0	0.01005778216563158			
[s] Observation start time (MET)	526626986.184000	526626016.56751			
Observation start date	2014-09-09T05:15:19	2014-09-09T05:00:16			
[s] Observation end time (MET)	526630996.184000	526631226.1303			
Observation end date	2014-09-09T06:22:09	2014-09-09T06:27:06			
Read mode	TIMED	TIMED			

2.3 Aspect



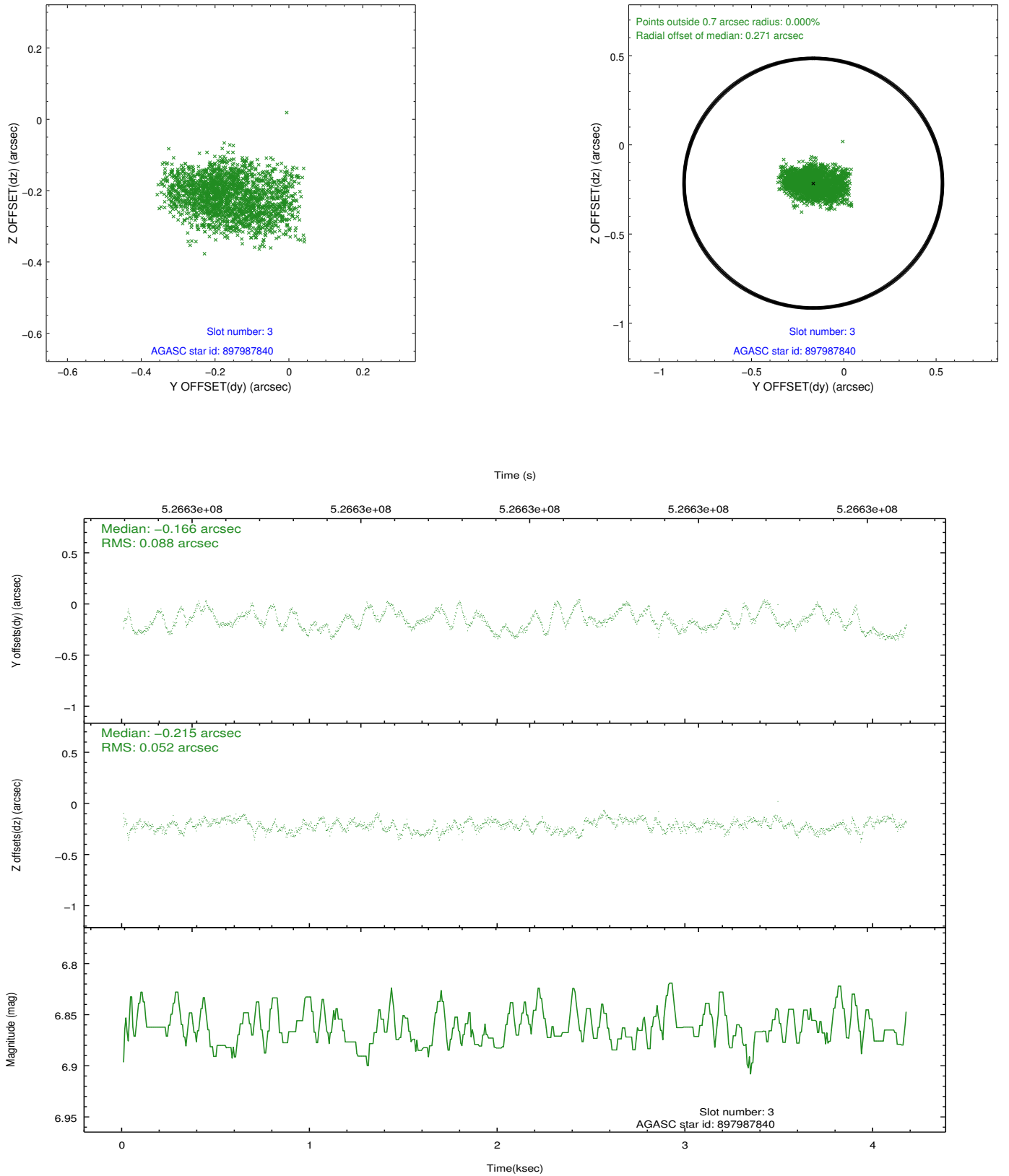


Slot Statistics

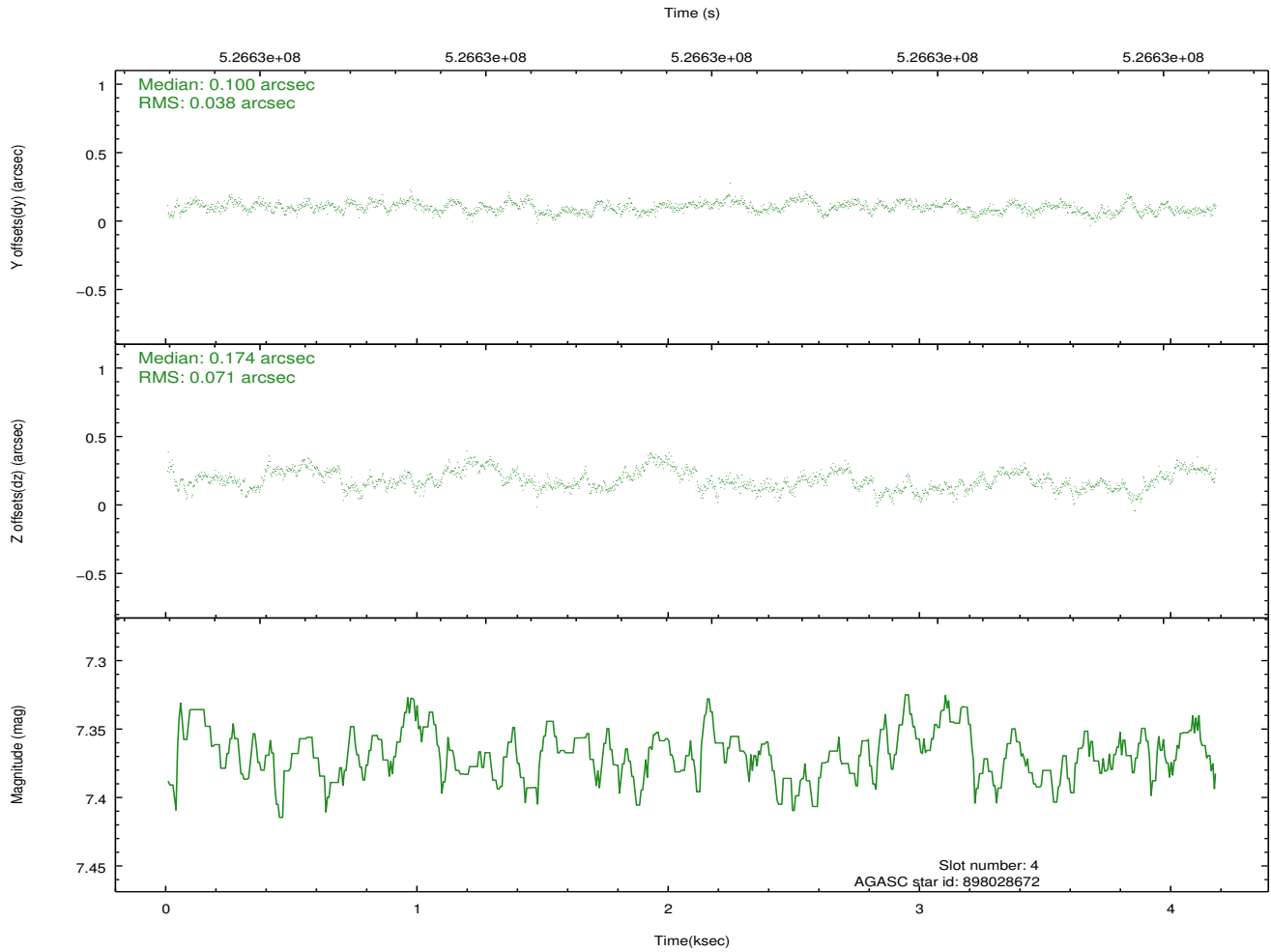
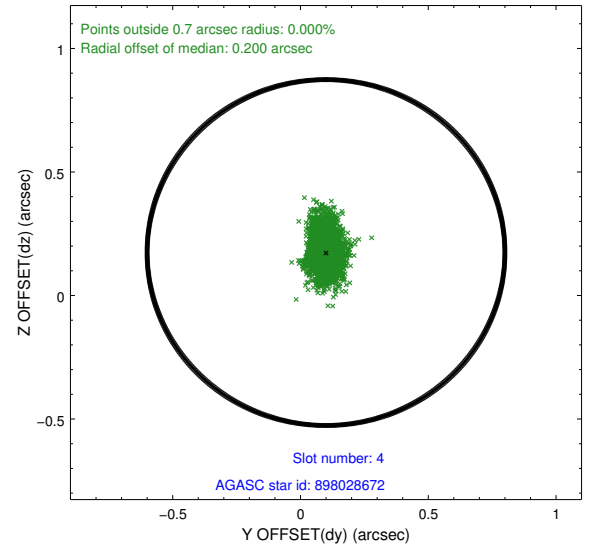
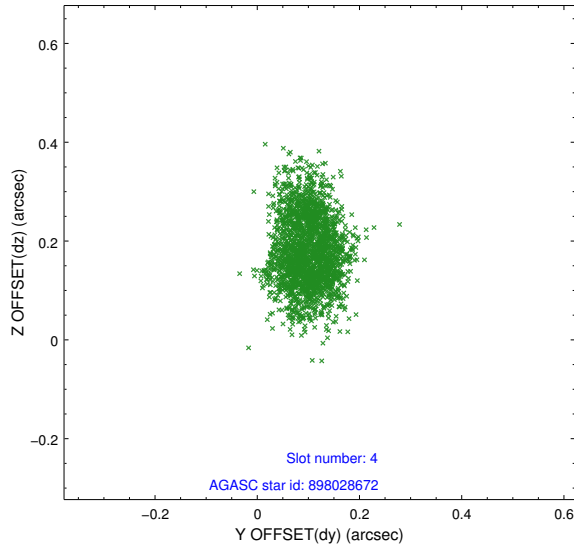
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-1	7.04	1018	-0.029	0.023	0.013	0.020	0.000000	0.000000	913.76	-1741.60
1	FID	ACIS-S-4	7.03	1018	0.328	0.002	0.008	0.013	0.000000	0.000000	2132.25	161.04
2	FID	ACIS-S-5	7.07	1018	-0.327	-0.014	0.012	0.019	0.000000	0.000000	-1833.59	156.14
3	GUIDE	897987840	6.86	2036	-0.166	-0.215	0.110	0.172	272.936088	-28.032184	230.22	369.81
4	GUIDE	898028672	7.37	2036	0.100	0.174	0.083	0.143	272.225727	-27.783637	-756.60	-1851.06
5	GUIDE	898498792	7.72	2036	0.030	0.182	0.121	0.194	272.634177	-28.153507	625.08	-607.55
6	GUIDE	898525904	7.53	2035	-0.053	-0.119	0.083	0.131	273.156477	-28.236281	995.53	1035.40
7	GUIDE	898026352	7.64	2035	0.081	-0.035	0.085	0.149	273.545108	-27.502819	-1583.34	2396.49

2.4 Star Slots

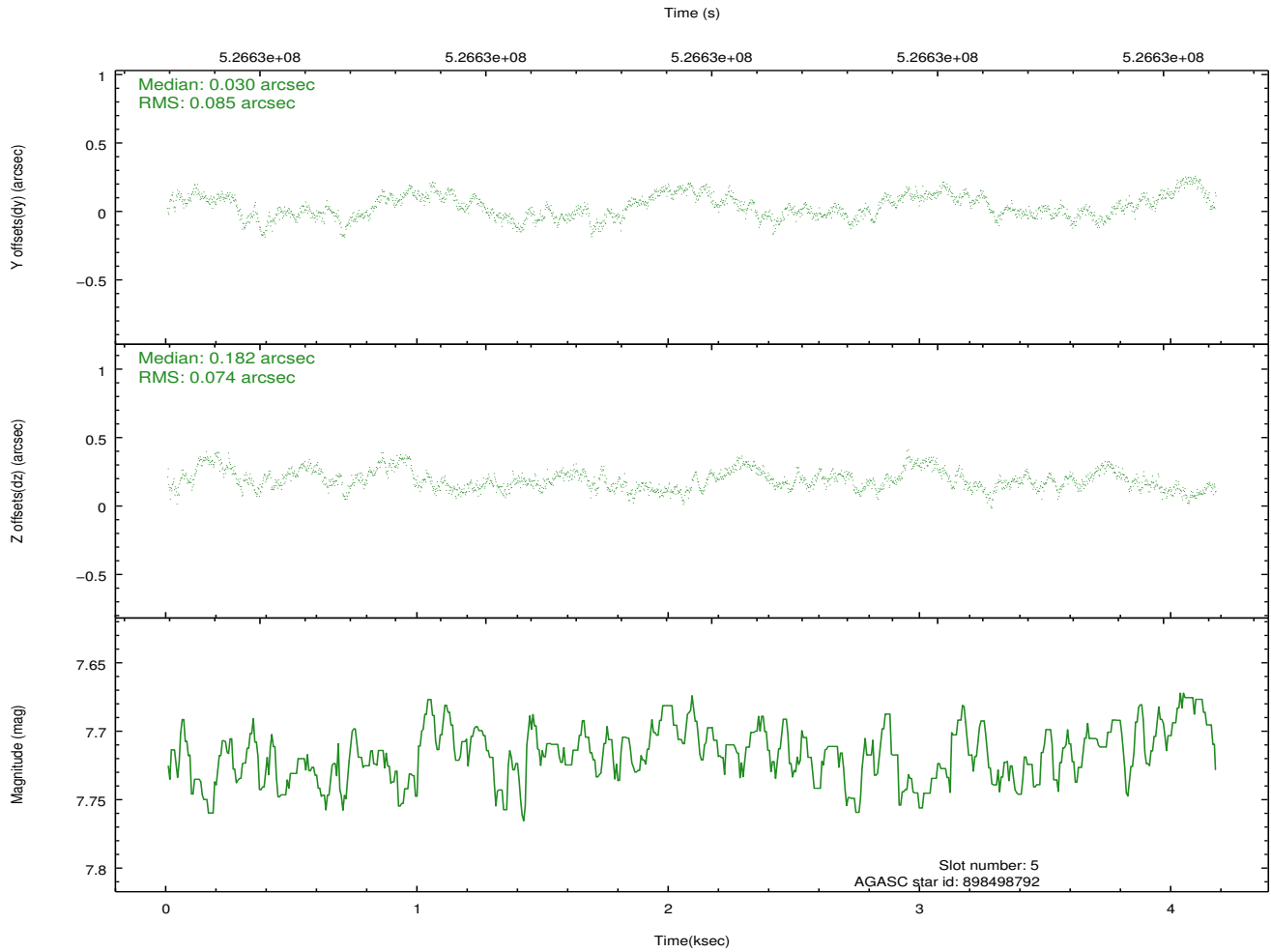
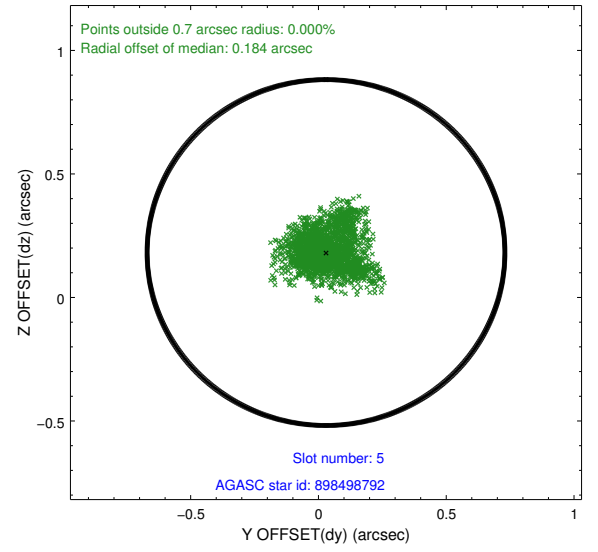
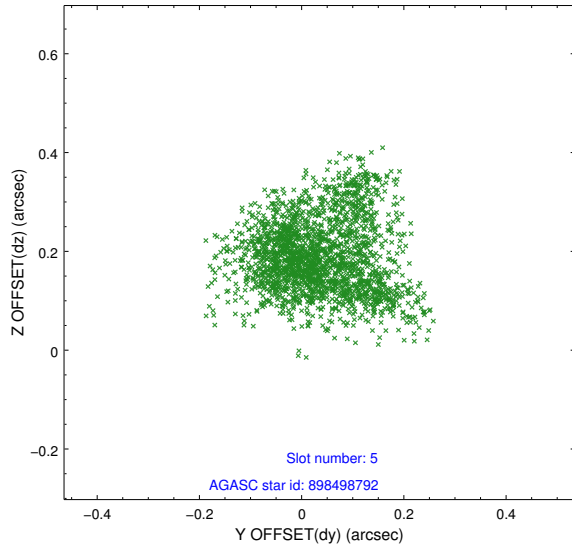
2.4.1 Slot 3



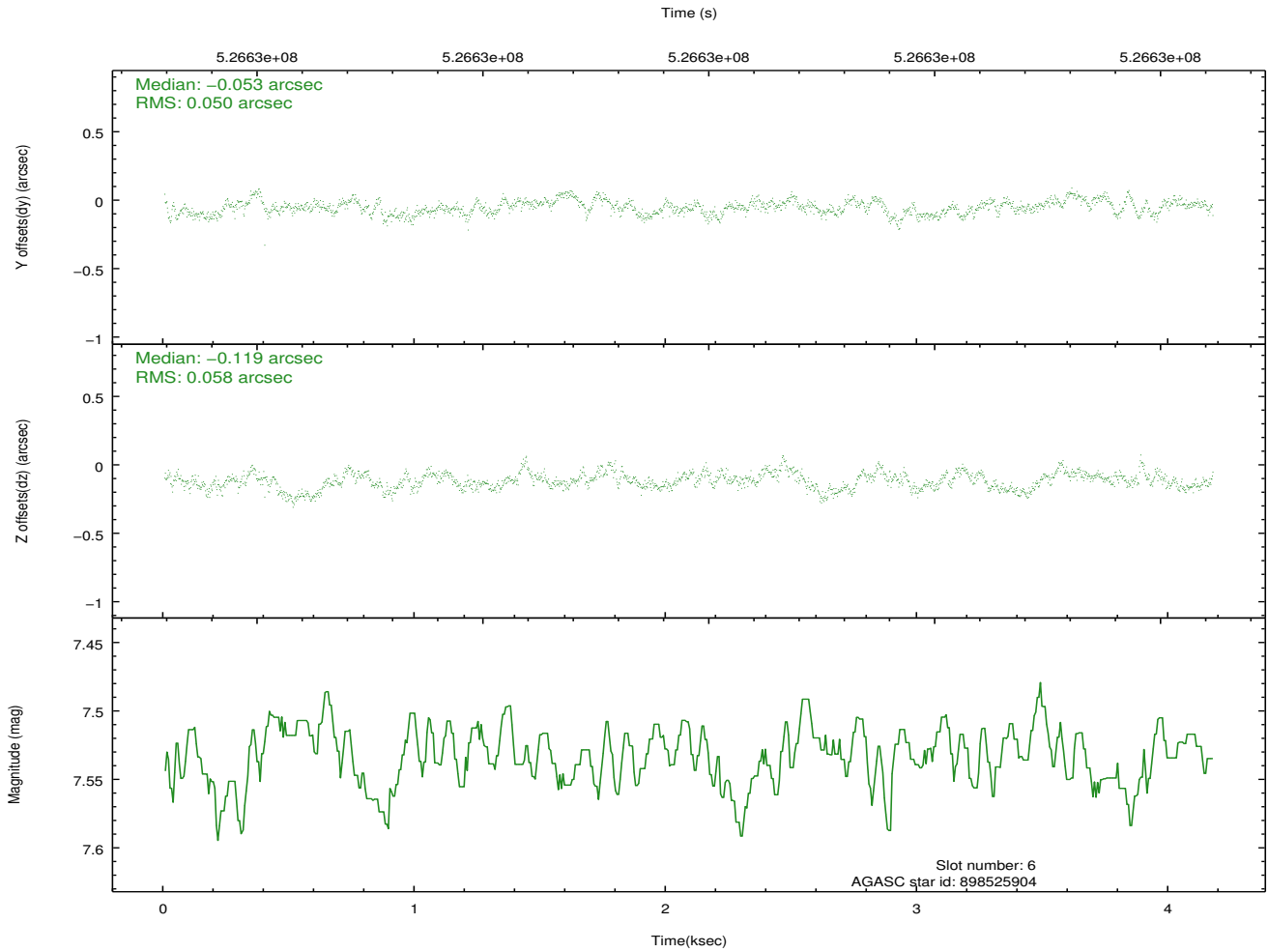
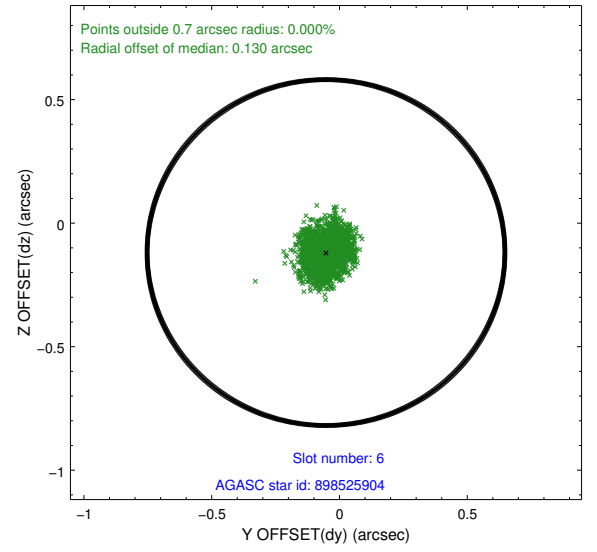
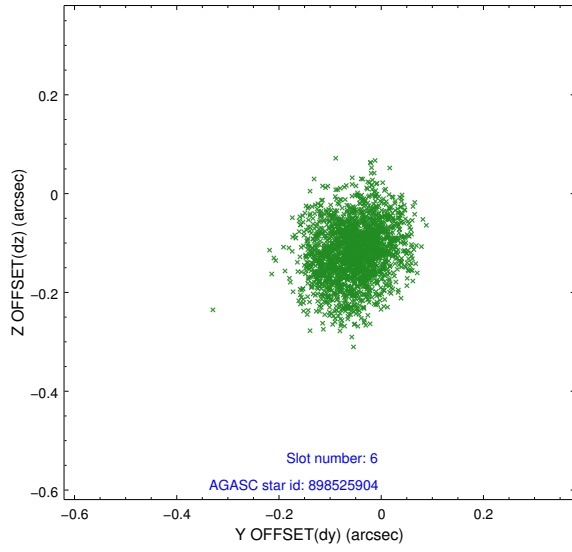
2.4.2 Slot 4



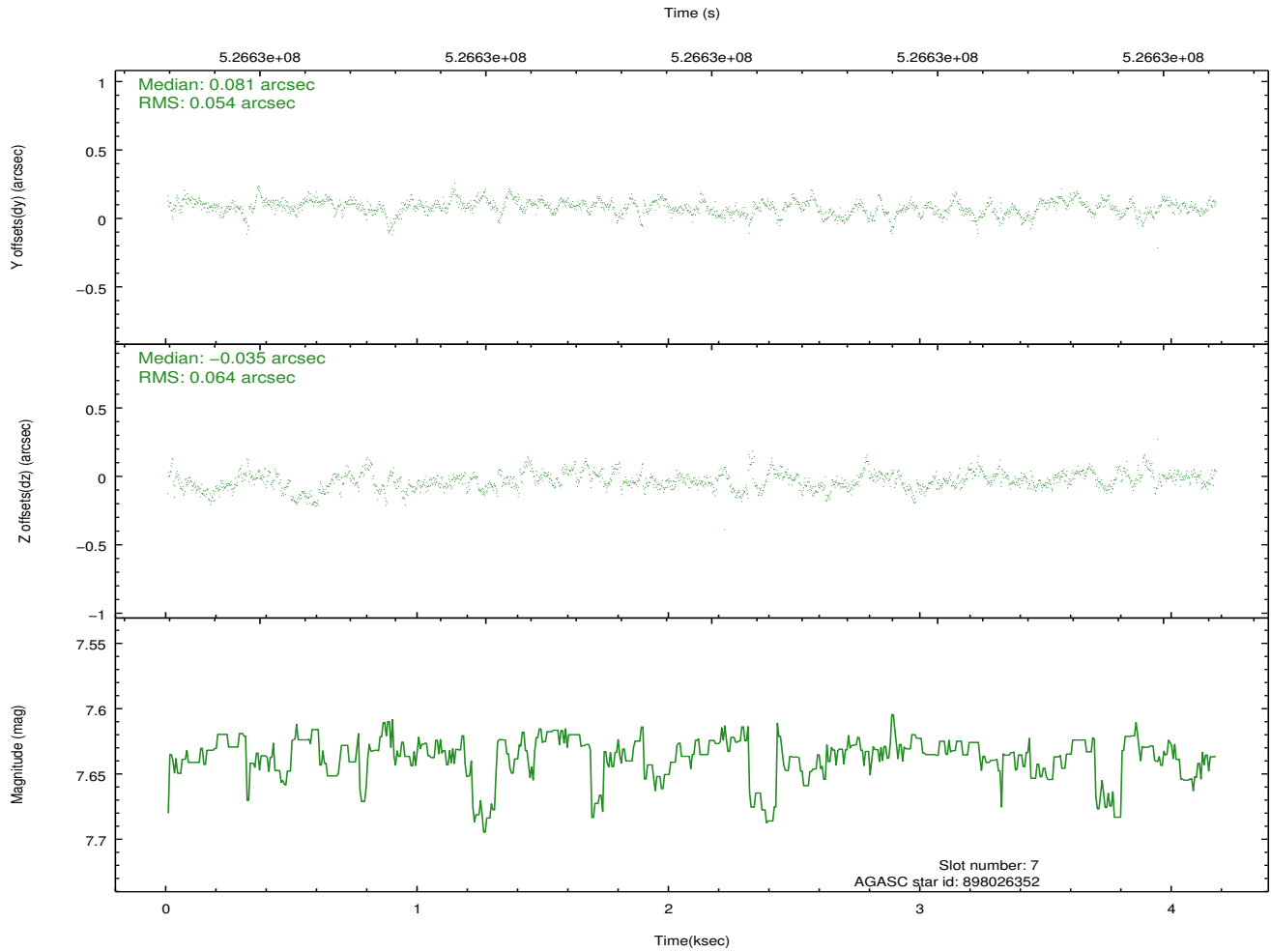
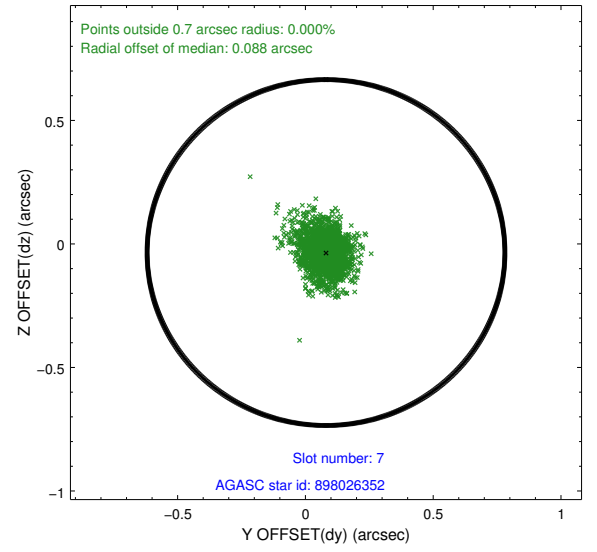
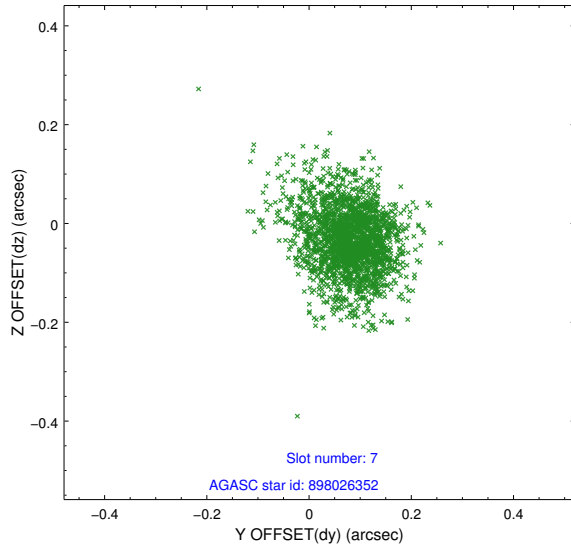
2.4.3 Slot 5



2.4.4 Slot 6

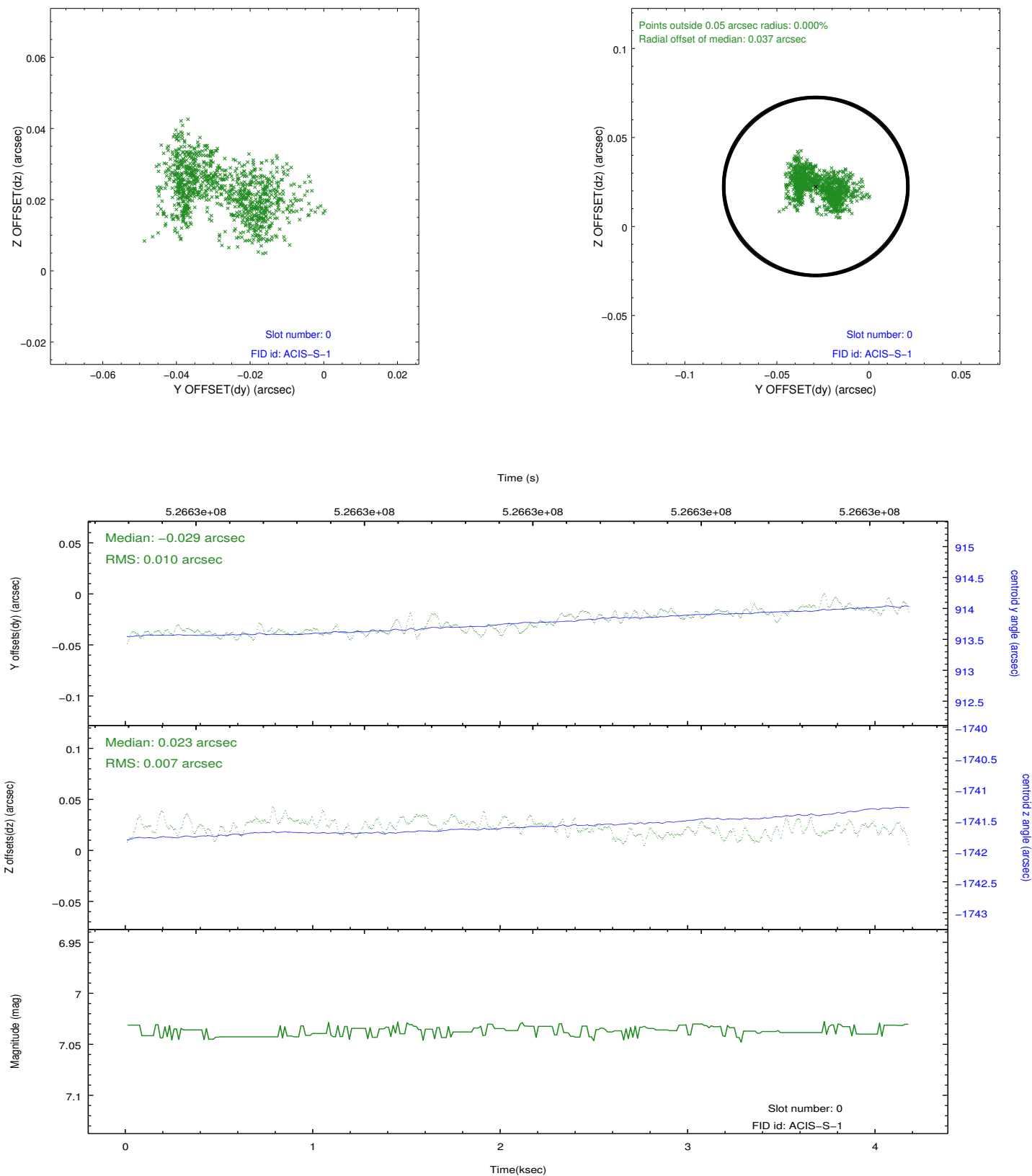


2.4.5 Slot 7

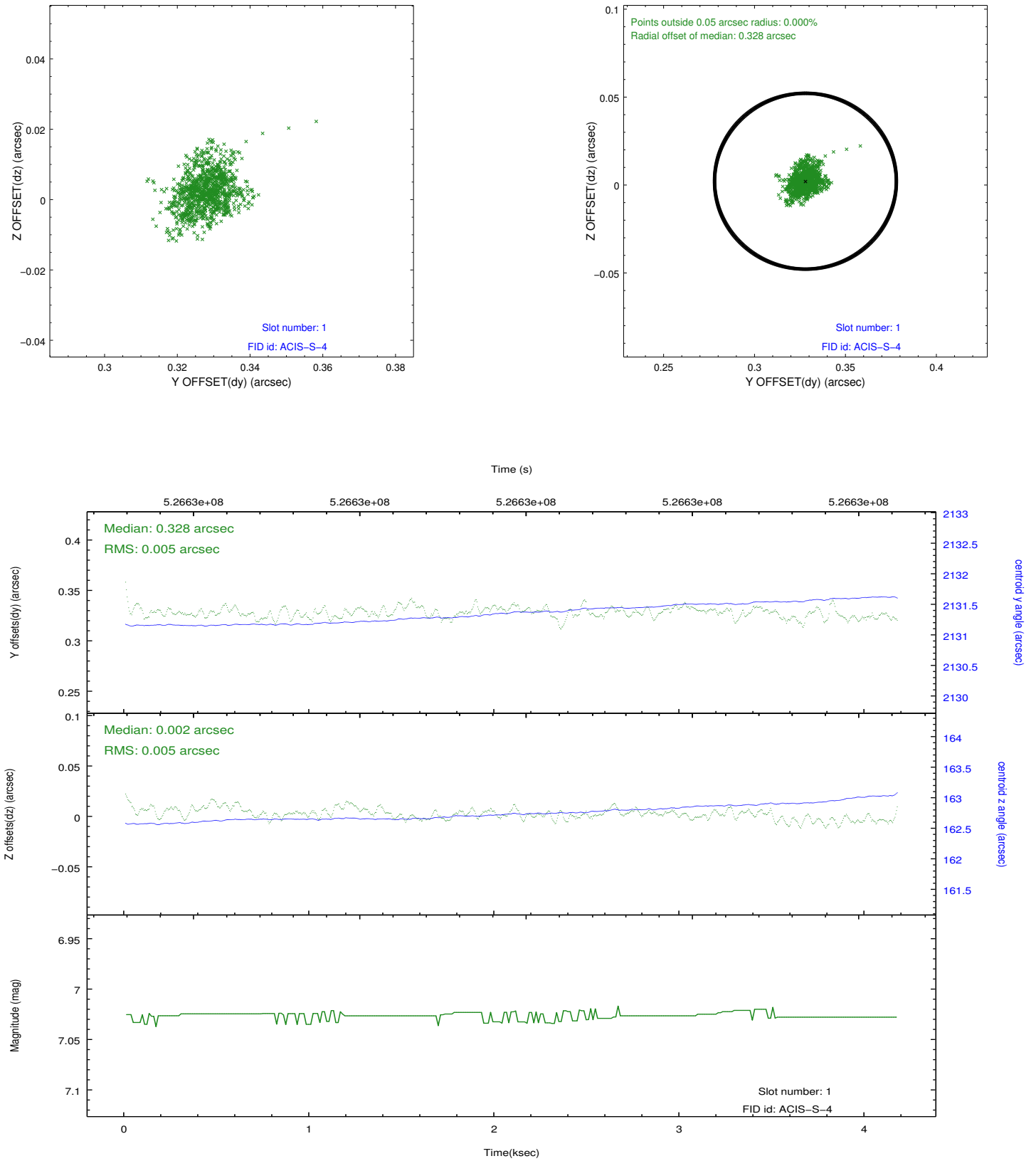


2.5 FID Slots

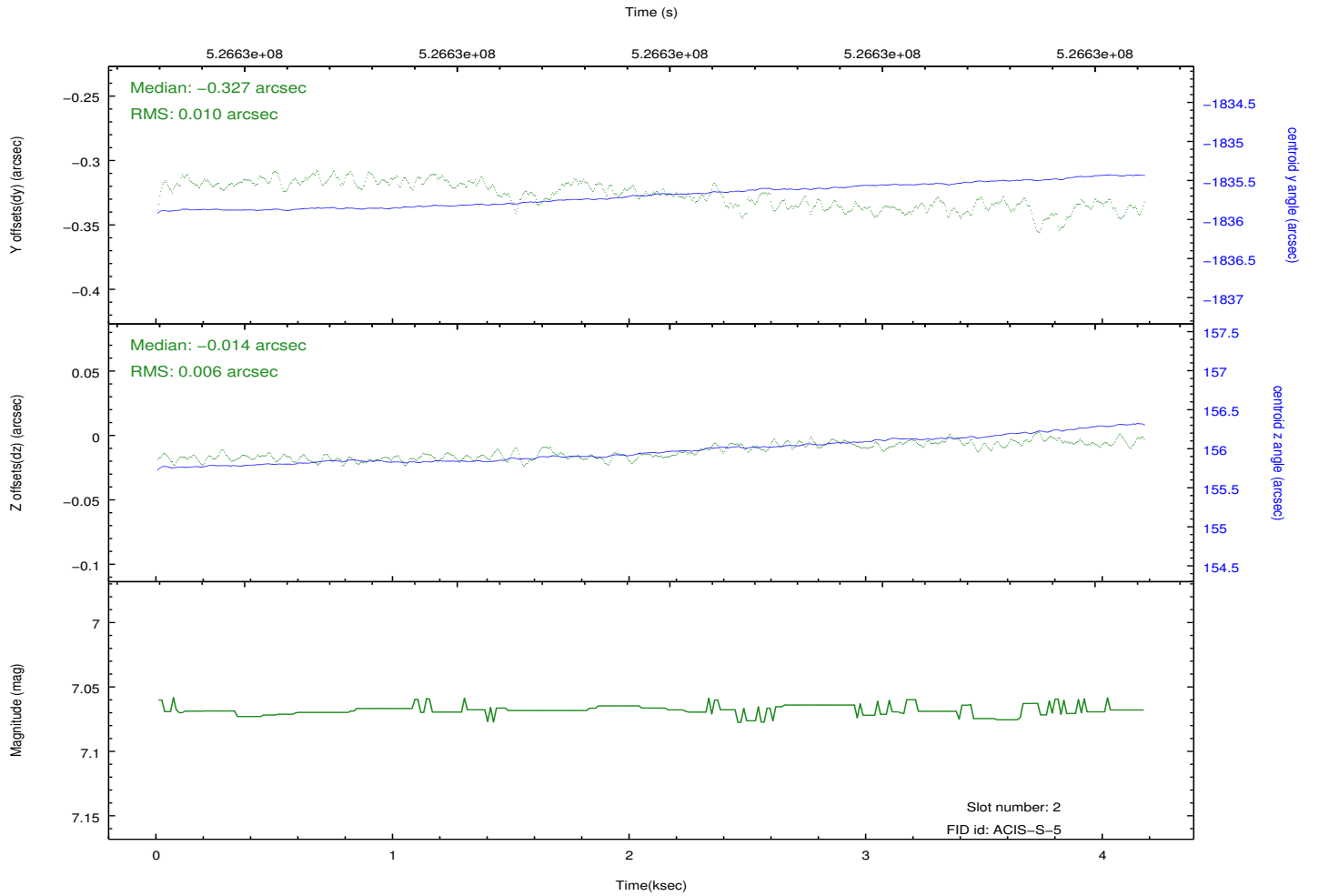
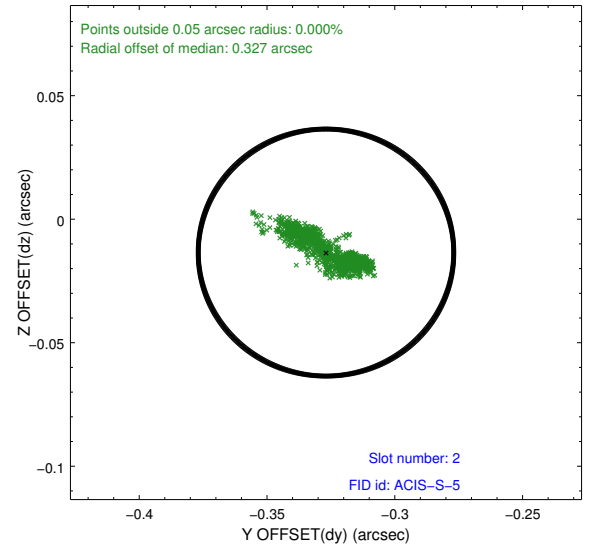
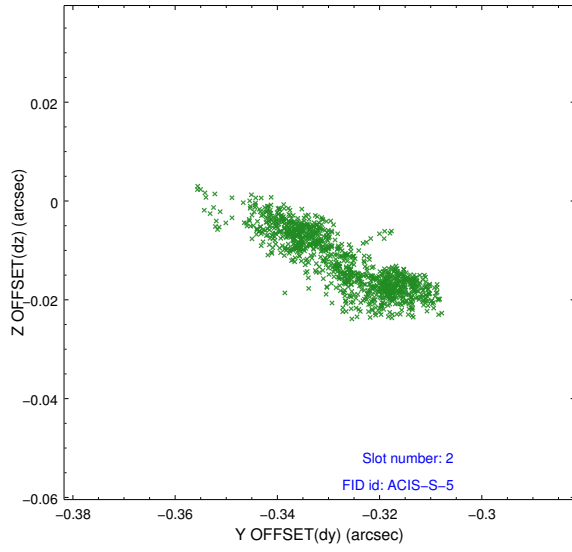
2.5.1 Slot 0



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)	2014.09.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.0711379905939

A.2 Comments