

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 3350 - L2 Version 3
Chandra X-Ray Center

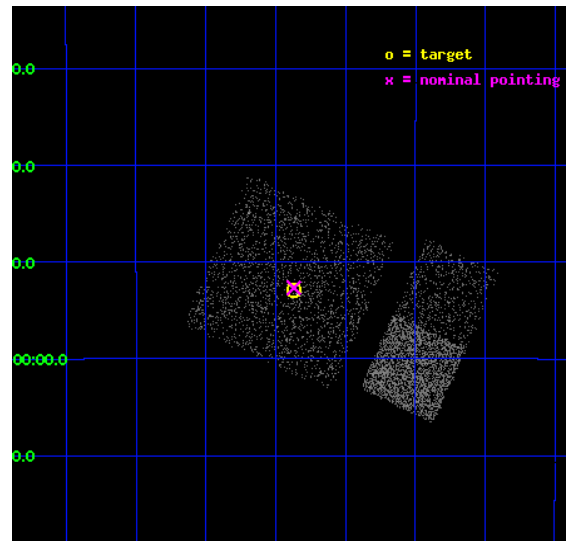
L2 Processing Date : Oct 9 2012

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1 Front

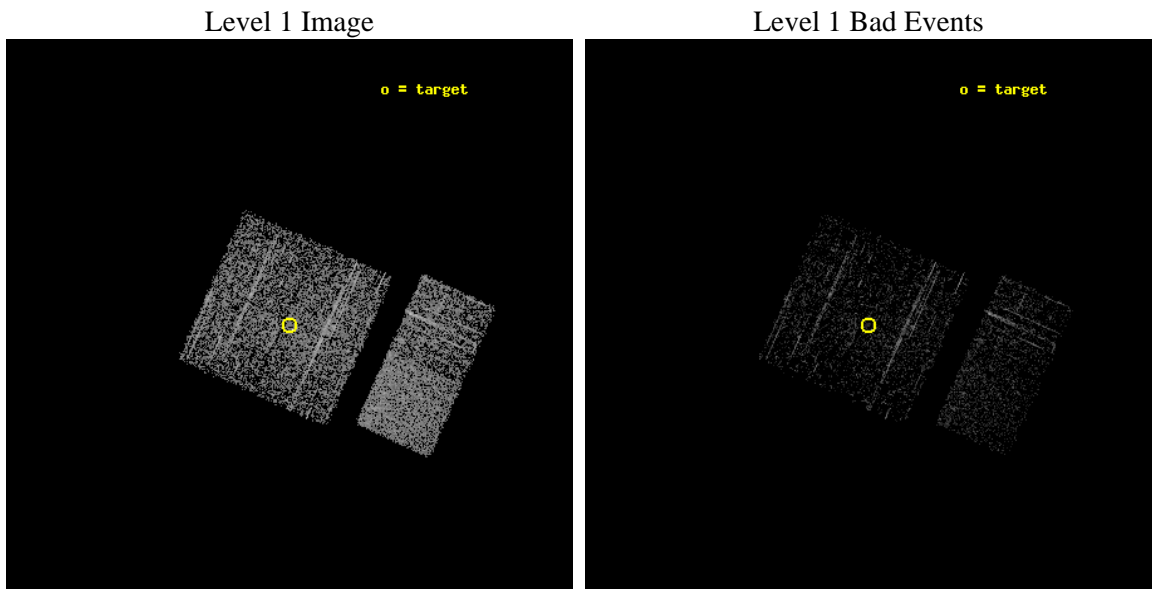
seq_num	900189	Sequence number
obs_id	3350	Observation id
title	CHANDRA OBSERVATIONS OF OPTICALLY FAINT SOURCES DISCOVERED WITH ASCA	
observer	Dr Yoshihiro Ueda	Principal investigator
object	1AXG J010952-1252	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	17.4675	Observer's specified target RA [deg]
dec_targ	-12.882806	Observer's specified target Dec [deg]
ra_nom	17.467420320169	Nominal RA [deg]
dec_nom	-12.877948587284	Nominal Dec [deg]
roll_nom	114.21402706038	Nominal Roll [deg]
revision	3	Processing version of data
ontime	956.75900626183	Sum of GTIs [s]
livetime	944.64394763343	Livetime [s]
ontime0	959.99999642372	Sum of GTIs [s]
ontime1	959.99999642372	Sum of GTIs [s]
ontime2	959.99999642372	Sum of GTIs [s]
ontime3	956.75900626183	Sum of GTIs [s]
ontime6	959.99999642372	Sum of GTIs [s]
ontime7	959.99999642372	Sum of GTIs [s]
l2events	6760	Number of level 2 events



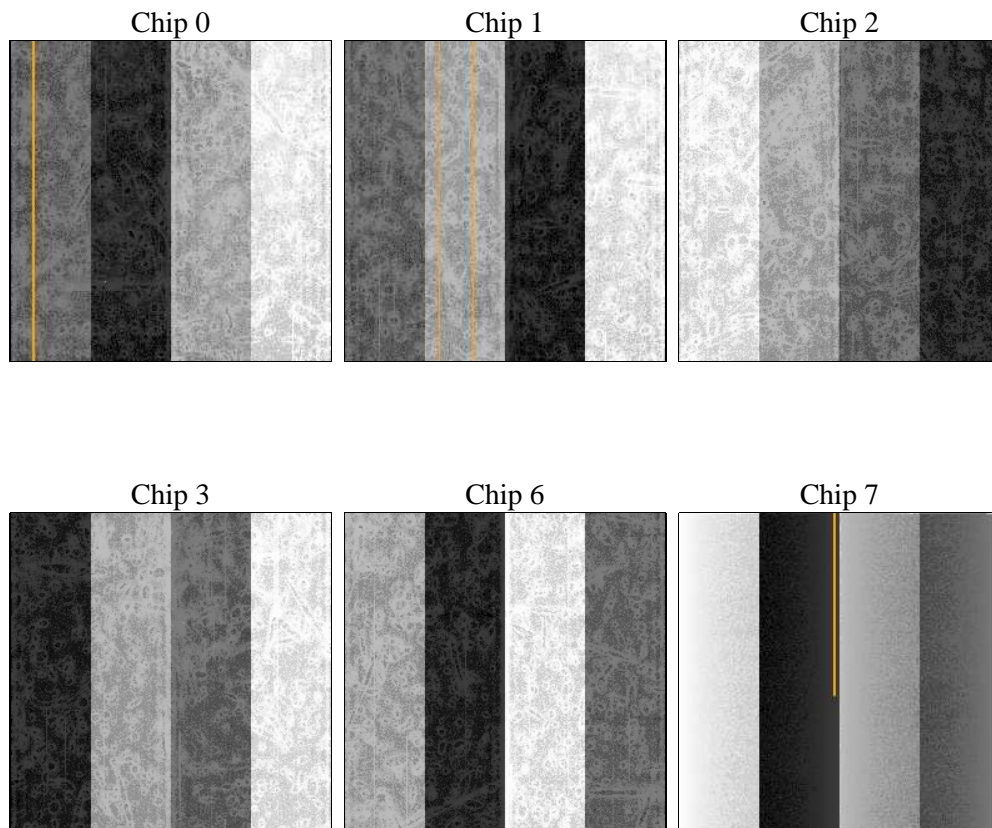
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	1000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	956.75900626183	Sum of GTIs [s]
caldsver	4.5.2	 	ontime0	959.99999642372	Sum of GTIs [s]
date	2012-10-10T00:55:15	Date and time of file creation	ontime1	959.99999642372	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	959.99999642372	Sum of GTIs [s]
			ontime3	956.75900626183	Sum of GTIs [s]
			ontime6	959.99999642372	Sum of GTIs [s]
			ontime7	959.99999642372	Sum of GTIs [s]
			l1events	38878	Number of level 1 events

2.1.4 Events

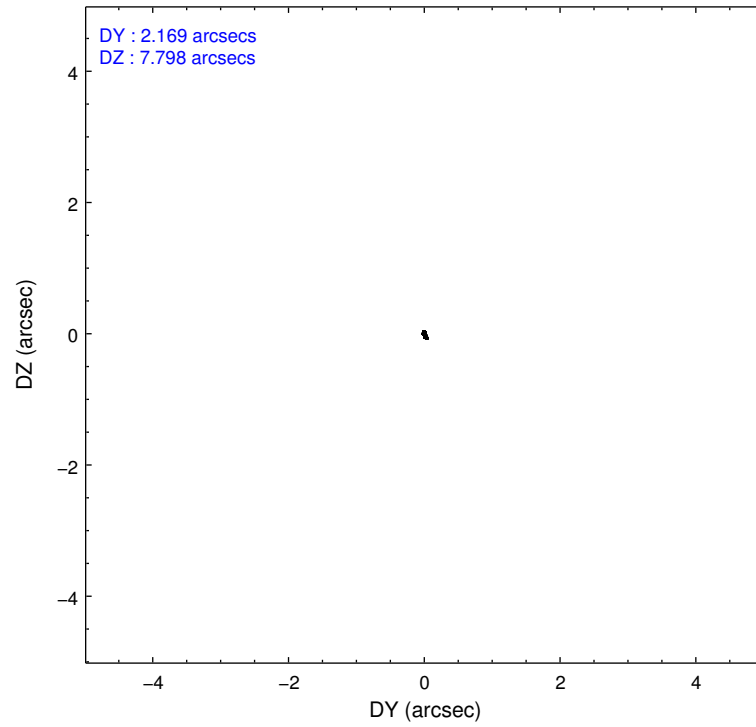
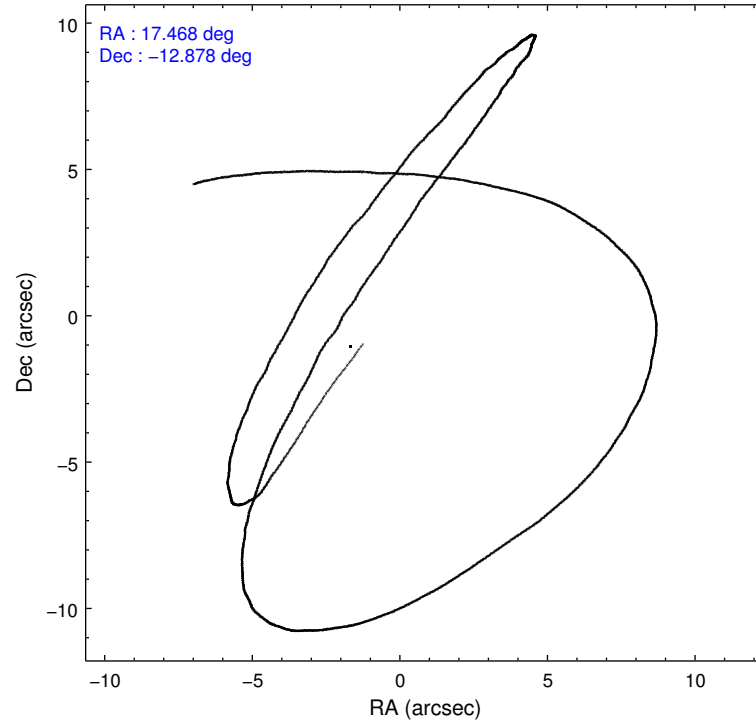
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	5467	5914	6607	5923	6441	8526
rejected events	4721	5126	5886	4963	5714	5083
rejected %	86%	86%	89%	83%	88%	59%

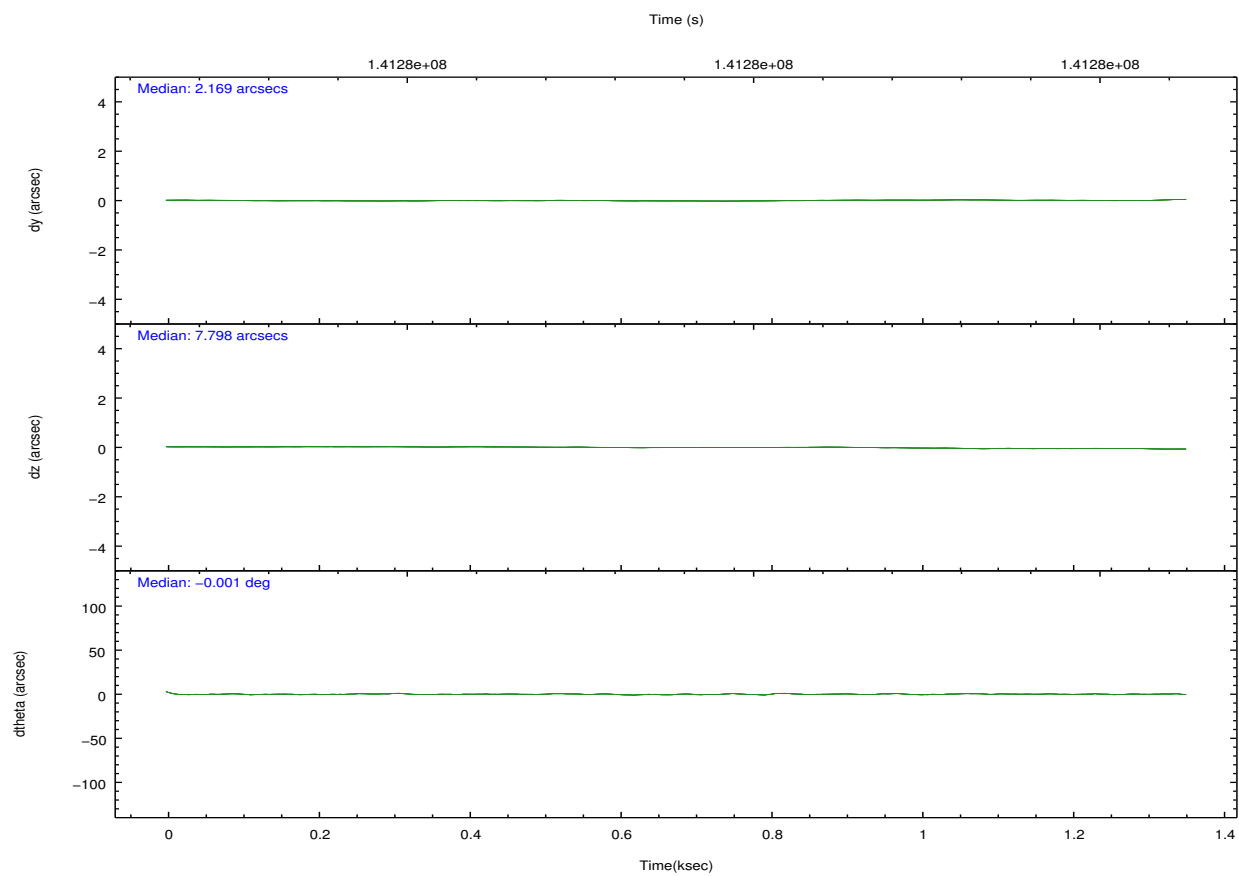
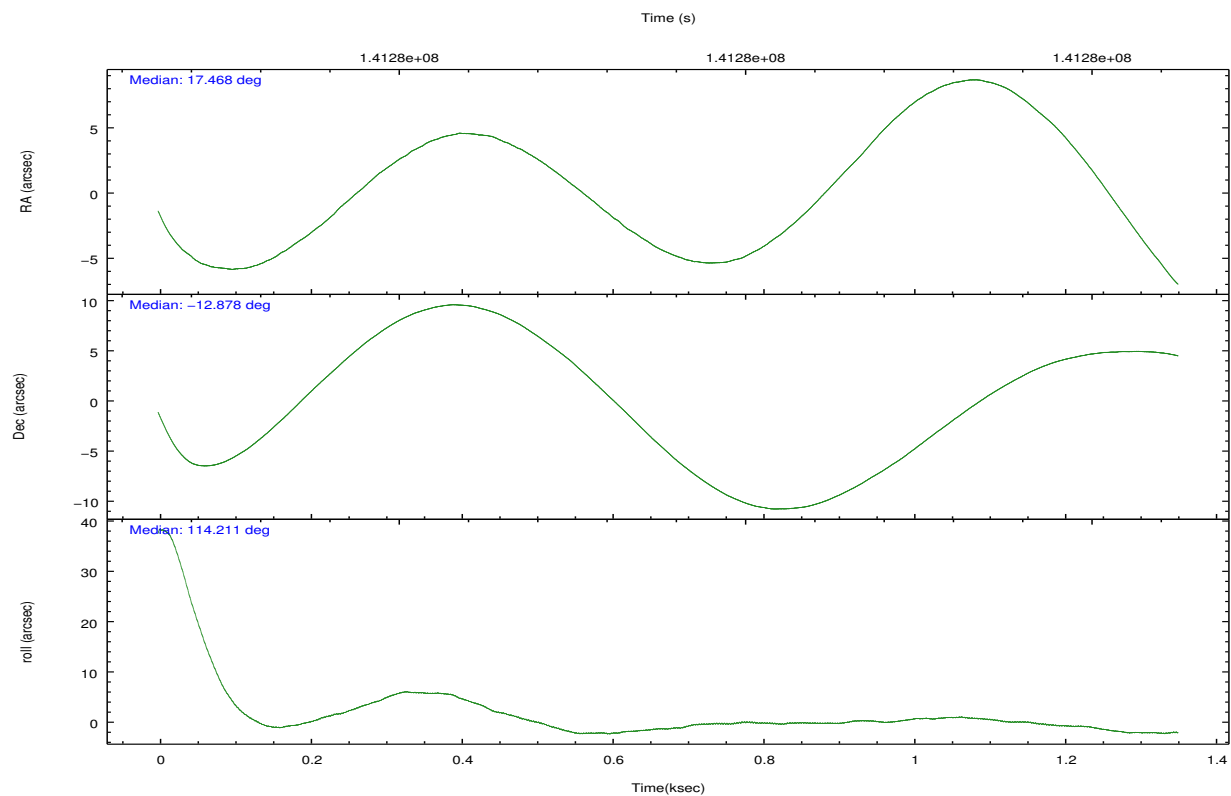
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
grade 0 events	313	327	313	460	279	314
	5%	5%	4%	7%	4%	3%
grade 1 events	0	5	0	22	2	8
	0%	0%	0%	0%	0%	0%
grade 2 events	158	164	140	187	158	668
	2%	2%	2%	3%	2%	7%
grade 3 events	77	64	74	85	62	312
	1%	1%	1%	1%	0%	3%
grade 4 events	71	77	74	79	80	351
	1%	1%	1%	1%	1%	4%
grade 5 events	227	243	221	278	292	845
	4%	4%	3%	4%	4%	9%
grade 6 events	128	161	124	153	154	1820
	2%	2%	1%	2%	2%	21%
grade 7 events	4493	4873	5661	4659	5414	4208
	82%	82%	85%	78%	84%	49%

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	17.490246	17.46742032016944	Subarray requested	NONE	NONE
[deg] Pointing Dec	-12.894090	-12.87794858728424	Alternating exposures requested	N	N
[deg] Pointing Roll	114.010052	114.2140270603824	[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)	141279566.184000	141278496.99727			
Observation start date	2002-06-24T04:18:22	2002-06-24T04:01:36			
[s] Observation end time (MET)	141280566.184000	141280930.85987			
Observation end date	2002-06-24T04:35:02	2002-06-24T04:42:10			
Read mode	TIMED	TIMED			

2.3 Aspect



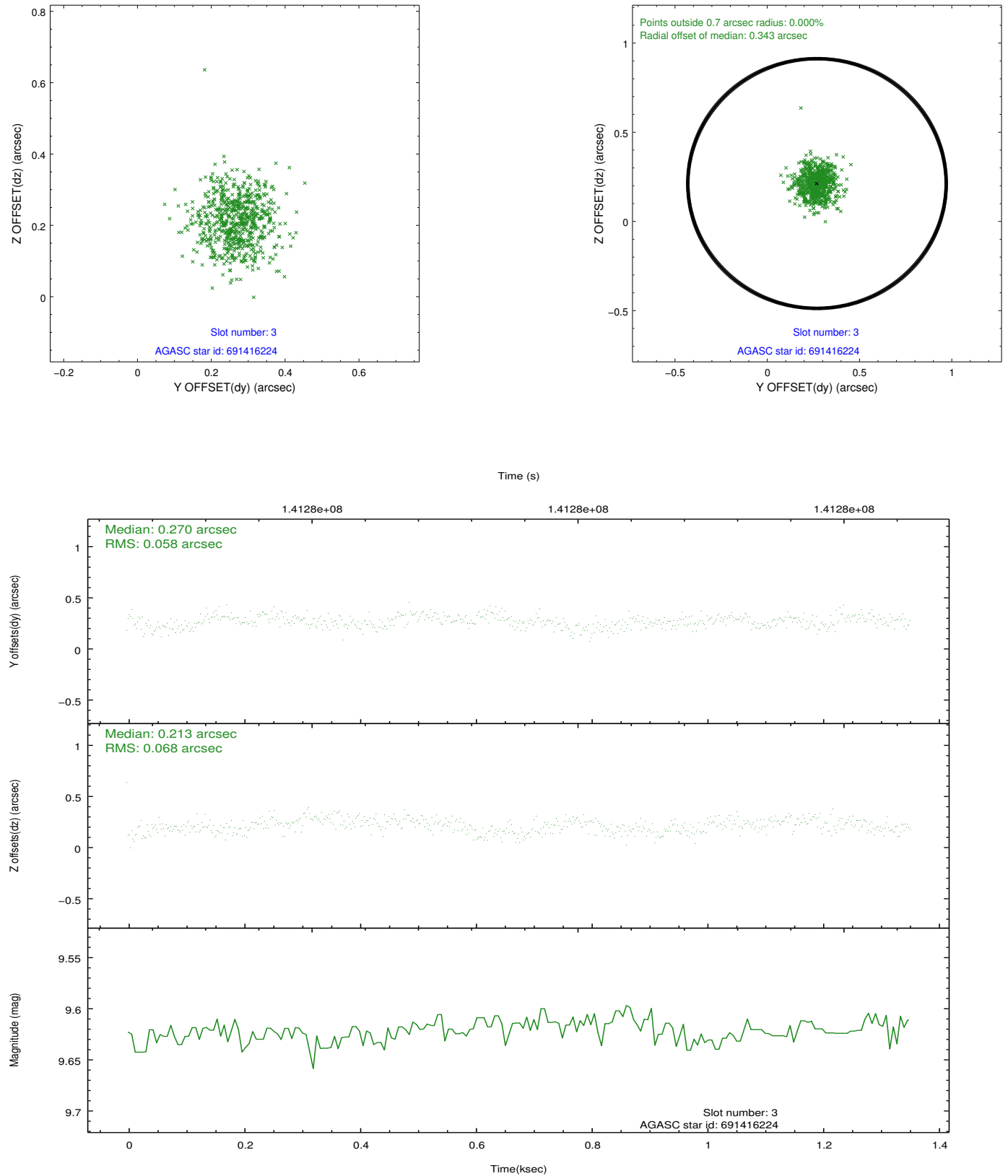


Slot Statistics

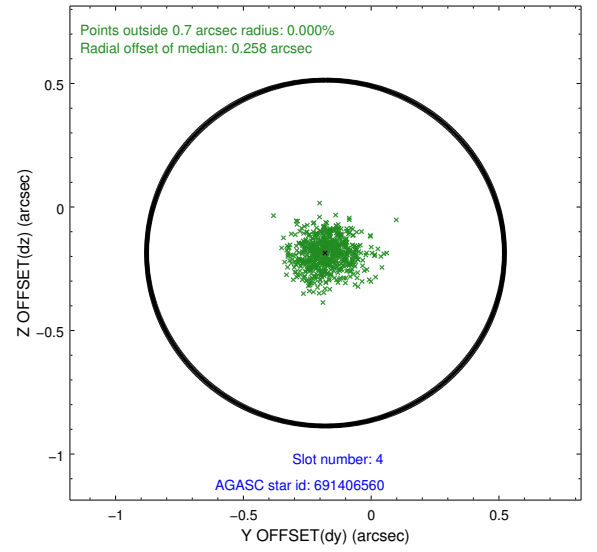
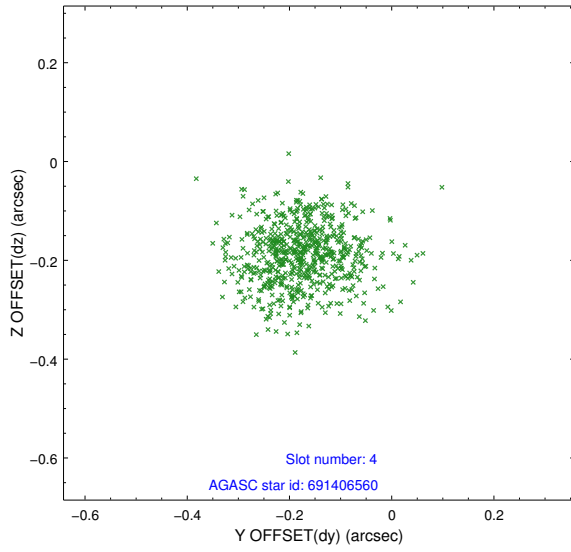
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-1	7.25	330	-0.023	0.056	0.006	0.010	0.000000	0.000000	937.60	-831.17
1	FID	ACIS-I-5	7.24	330	-0.032	0.040	0.006	0.010	0.000000	0.000000	-1807.73	1063.91
2	FID	ACIS-I-6	7.26	330	-0.036	-0.026	0.006	0.011	0.000000	0.000000	397.87	1713.88
3	GUIDE	691416224	9.62	661	0.270	0.213	0.096	0.149	18.096641	-13.199691	-1871.39	-1491.31
4	GUIDE	691406560	9.66	658	-0.179	-0.186	0.099	0.166	17.184394	-12.537805	1605.77	459.18
5	GUIDE	691409208	10.25	661	-0.172	-0.138	0.133	0.211	16.985649	-12.649026	1528.13	1262.83
6	GUIDE	691415368	10.20	661	0.134	-0.071	0.132	0.221	17.437350	-13.030814	-371.55	372.98
7	GUIDE	691405104	9.68	660	-0.047	0.188	0.096	0.158	17.470815	-12.476457	1401.02	-547.30

2.4 Star Slots

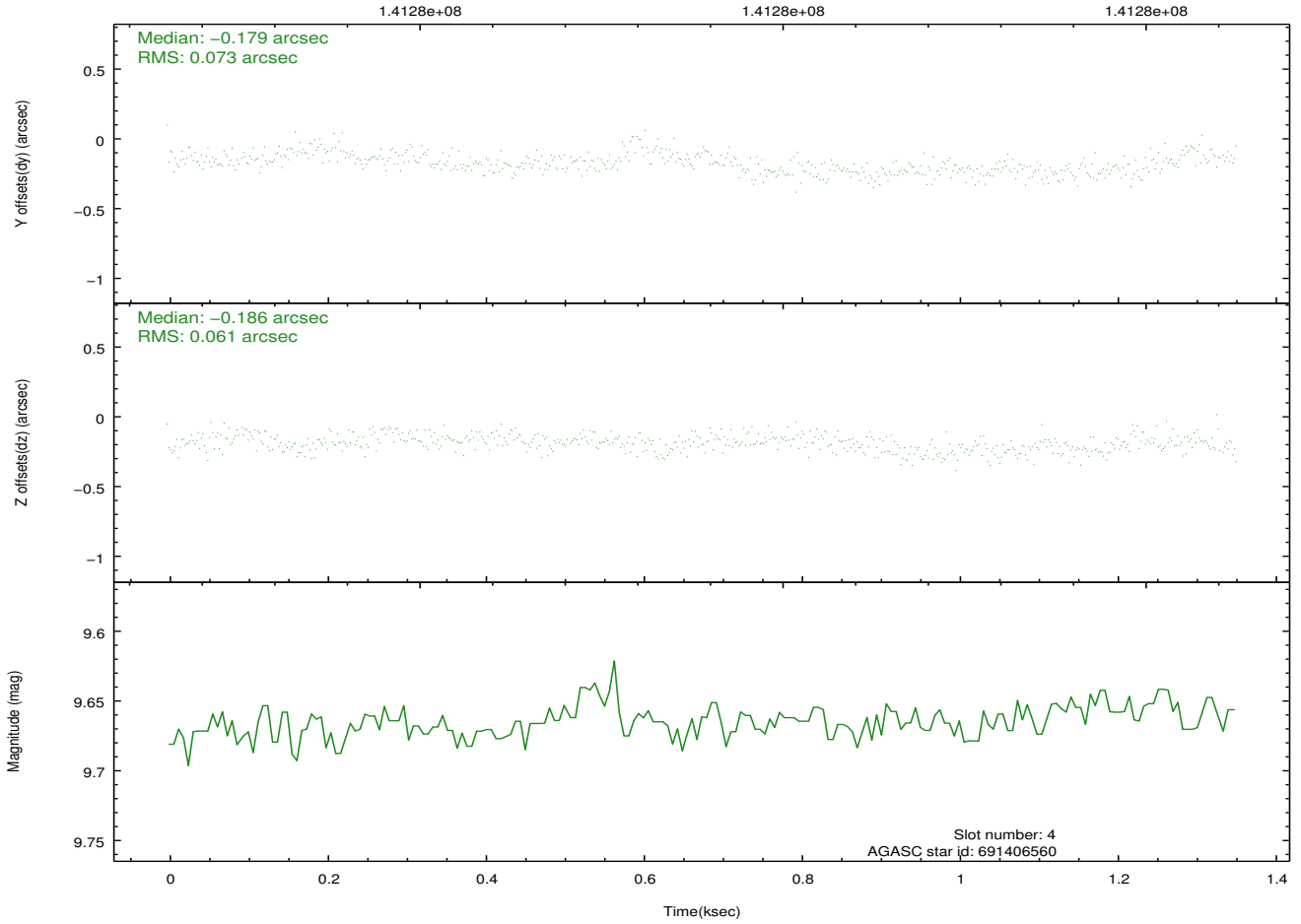
2.4.1 Slot 3



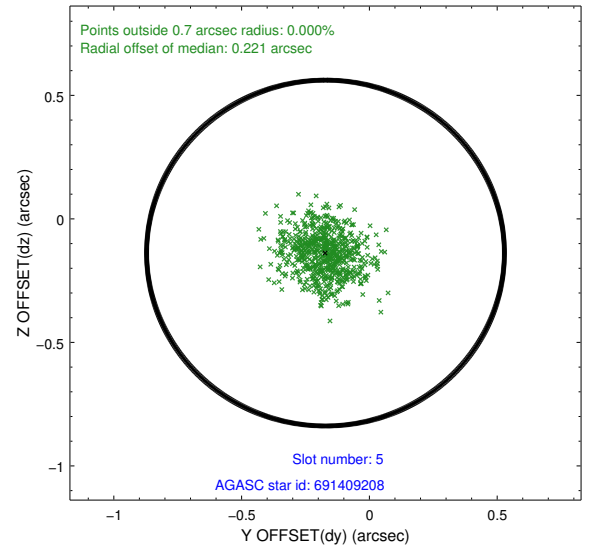
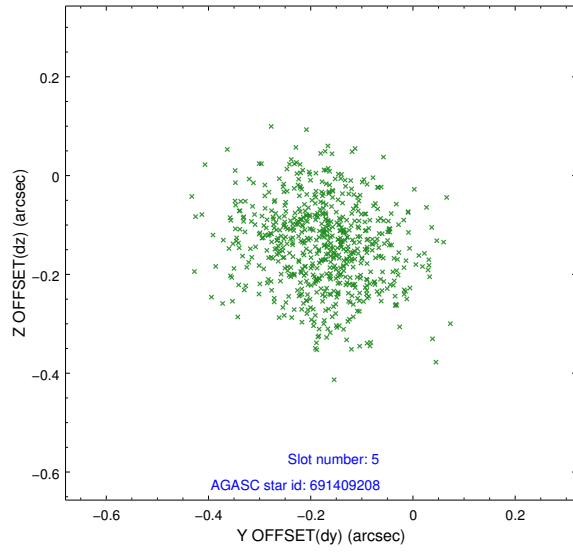
2.4.2 Slot 4



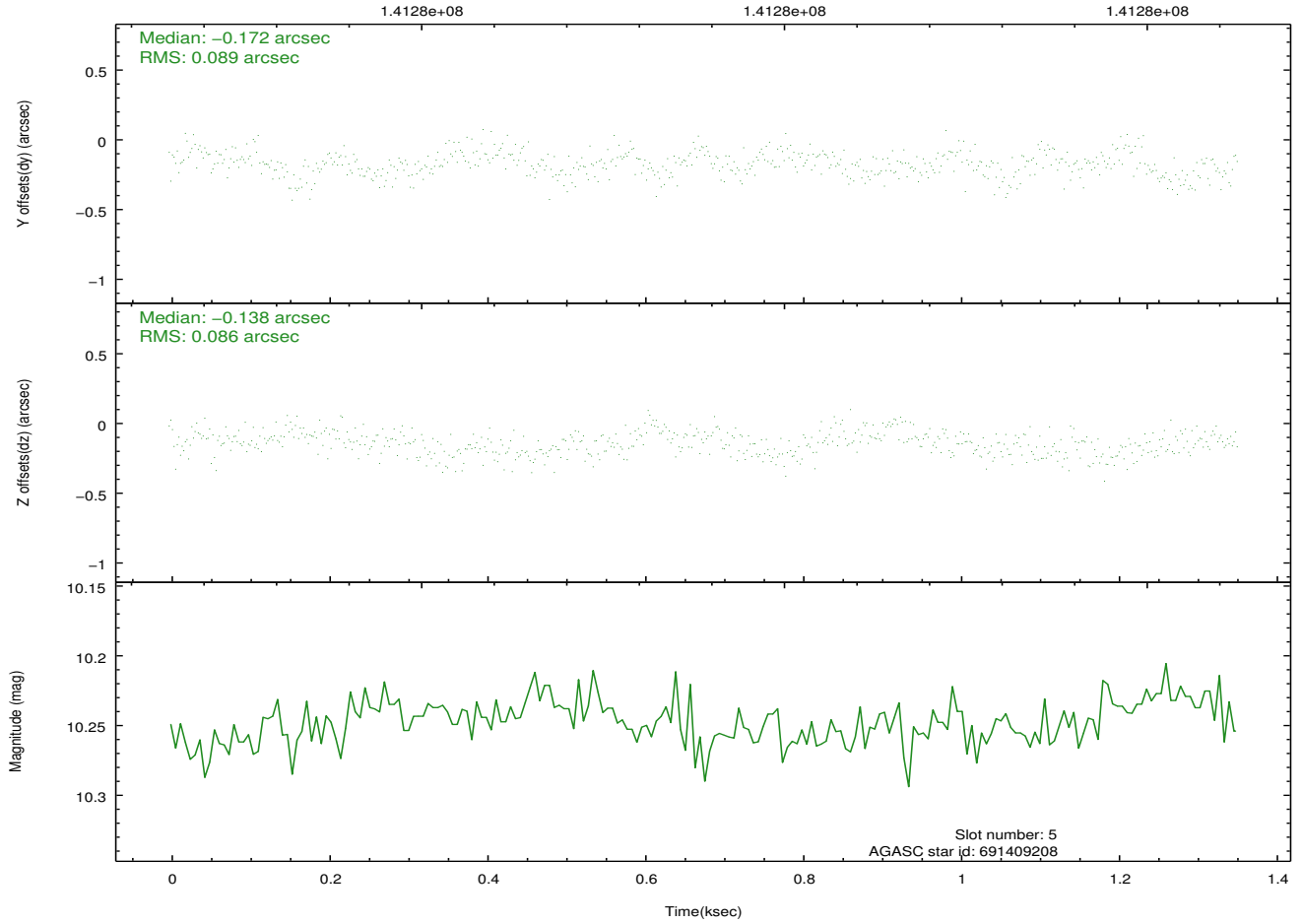
Time (s)



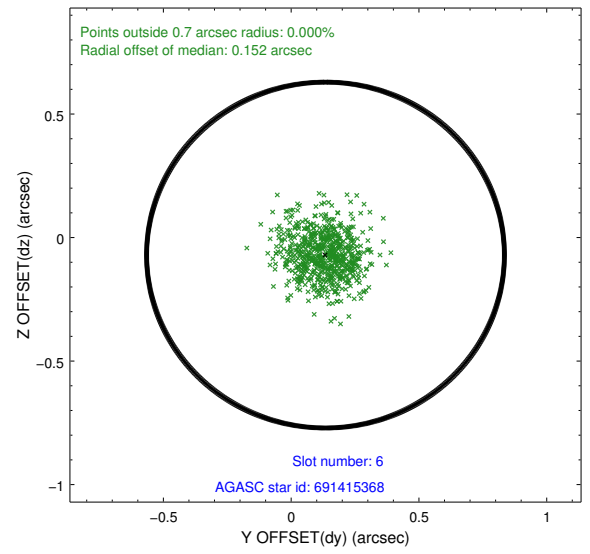
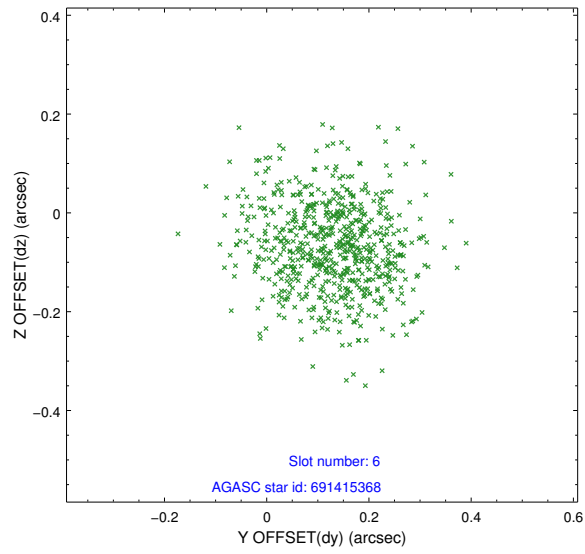
2.4.3 Slot 5



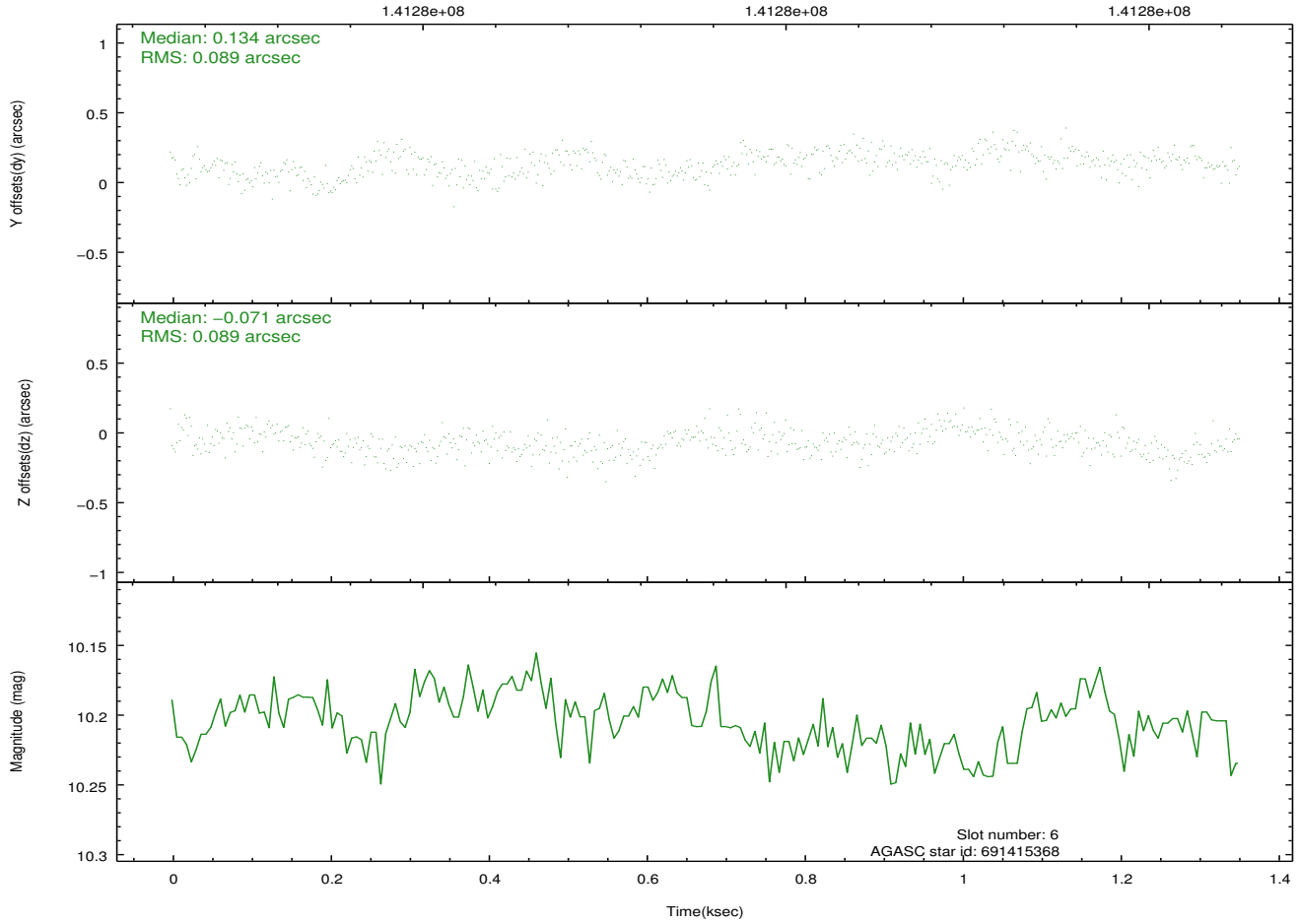
Time (s)



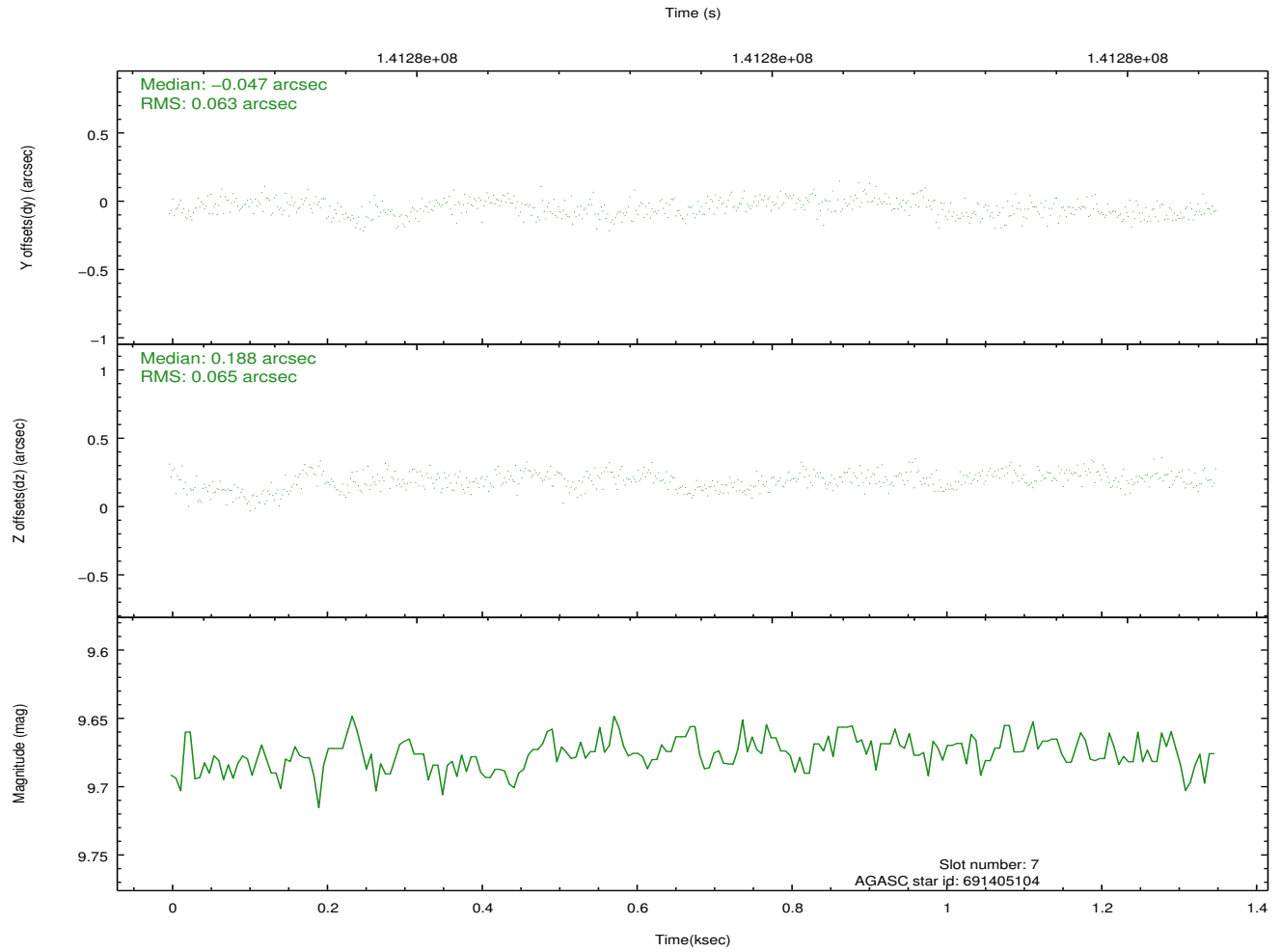
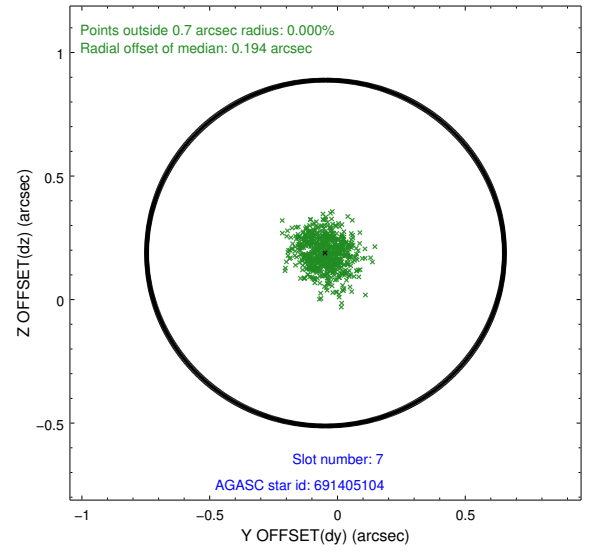
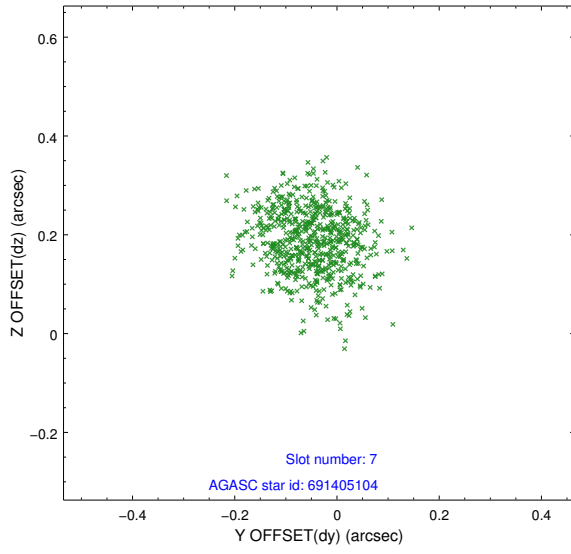
2.4.4 Slot 6



Time (s)

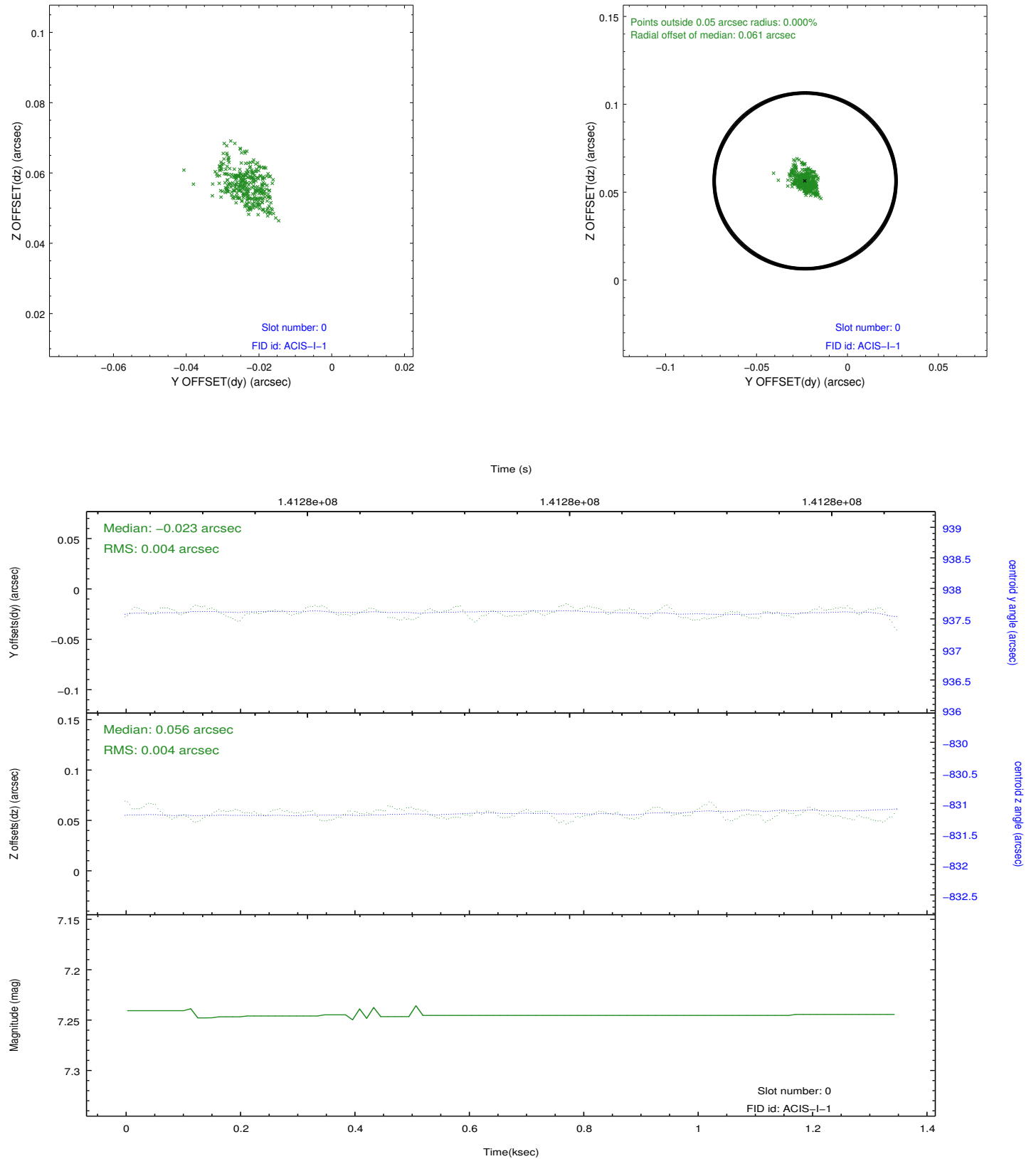


2.4.5 Slot 7

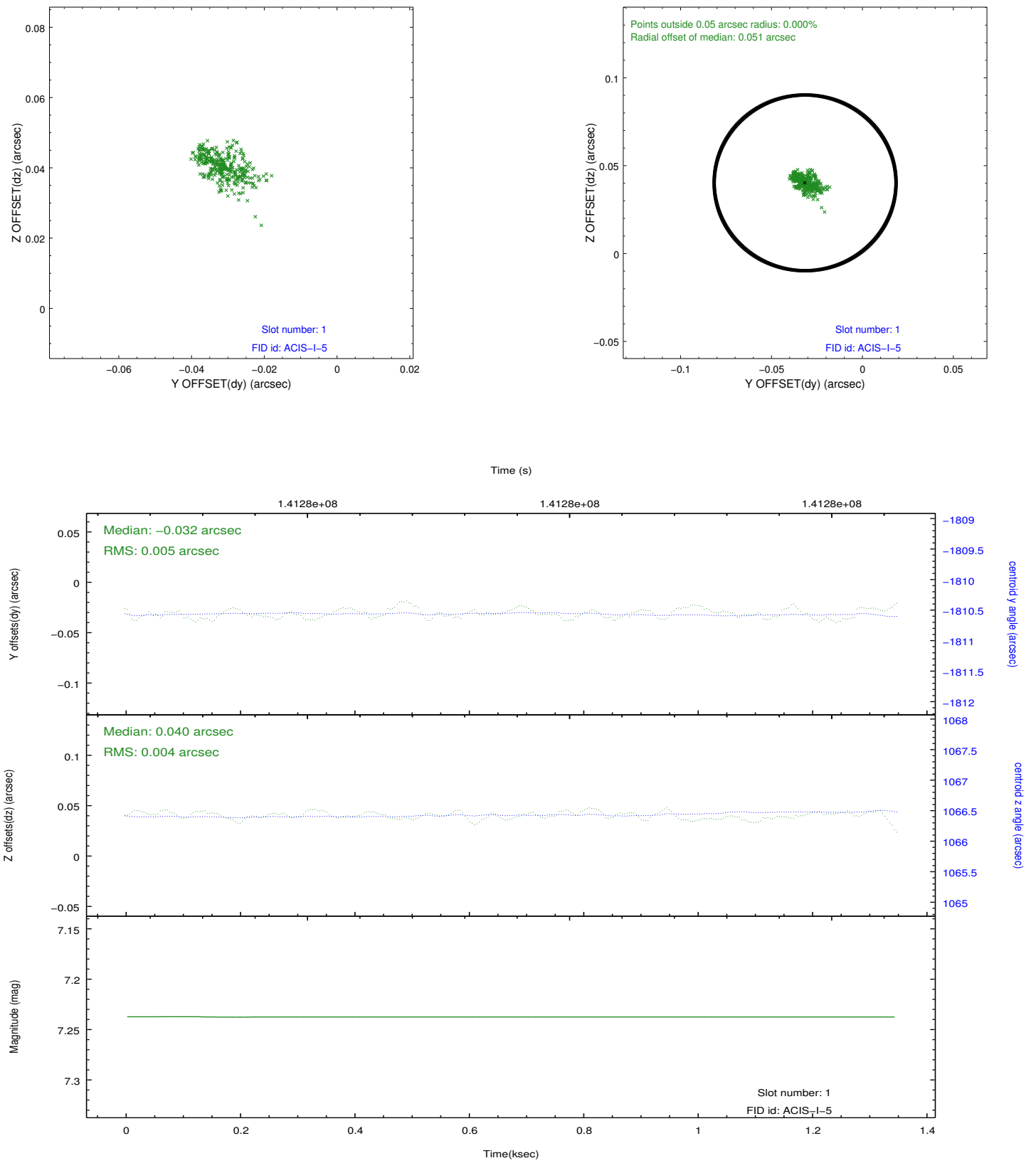


2.5 FID Slots

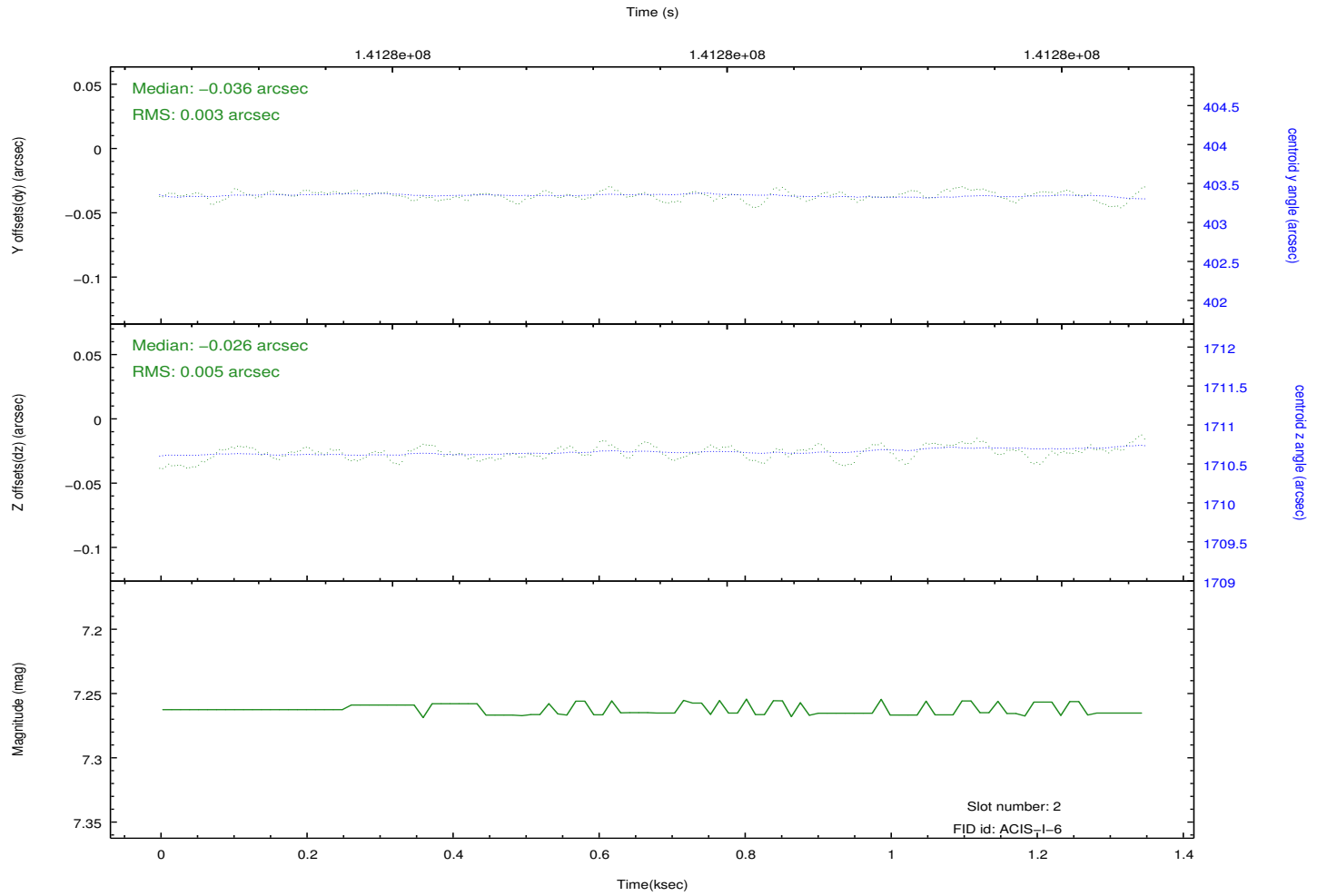
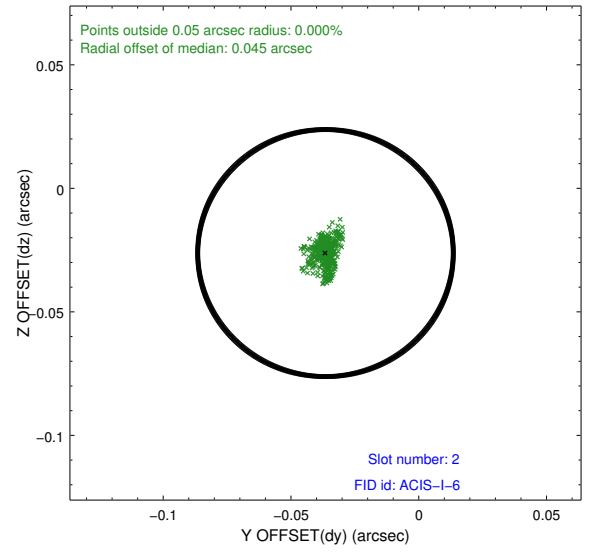
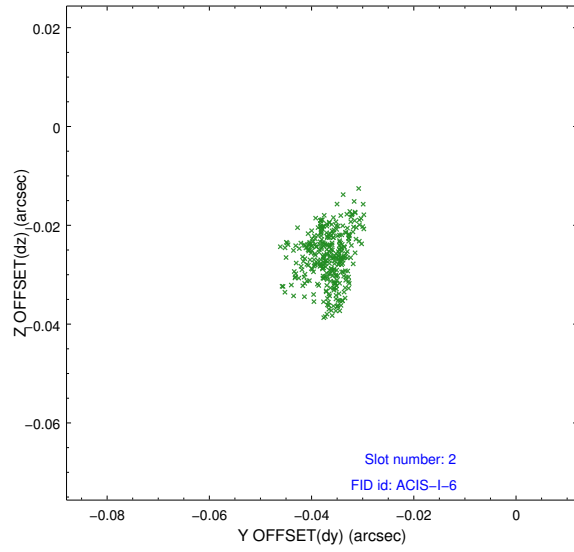
2.5.1 Slot 0



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)	2012.10.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.959

A.2 Comments